

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
 Data File : BG022707.D
 Acq On : 29 Jun 2016 23:59
 Operator : UM/SJ
 Sample : H3828-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

Quant Time: Jun 30 04:29:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113123	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	510939	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	440124	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1143435	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1250085	20.00	ng	0.00
86) Perylene-d12	25.20	264	1313711	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	403034	57.15	ng	0.00
7) Phenol-d6	7.30	99	397780	40.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	953083	78.95	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	917760	132.58	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2129259	76.72	ng	0.00
78) Terphenyl-d14	20.15	244	3110628	65.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	36011	12.60	ng	# 90
3) Pyridine	3.99	79	43561	5.45	ng	95
4) n-Nitrosodimethylamine	3.89	42	29437	6.44	ng	# 87
6) Aniline	7.48	93	159573	12.11	ng	94
8) 2-Chlorophenol	7.72	128	118546	16.23	ng	94
9) Benzaldehyde	7.29	77	119374	34.12	ng	91
10) Phenol	7.33	94	69334	6.60	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	162961	18.84	ng	93
12) 1,3-Dichlorobenzene	8.05	146	139534	15.70	ng	99
13) 1,4-Dichlorobenzene	8.20	146	140678	15.78	ng	99
14) 1,2-Dichlorobenzene	8.51	146	143178	16.89	ng	98
15) Benzyl Alcohol	8.39	79	122487	13.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	188740	19.73	ng	94
17) 2-Methylphenol	8.59	107	105528	15.24	ng	# 83
18) Hexachloroethane	9.25	117	55321	15.00	ng	# 87
19) n-Nitroso-di-n-propylamine	8.96	70	174077	21.03	ng	97
20) 3+4-Methylphenols	8.92	107	132700	13.91	ng	86
22) Acetophenone	8.98	105	288418	19.53	ng	# 96
24) Nitrobenzene	9.38	77	252129	18.90	ng	90
25) Isophorone	9.89	82	491579	20.98	ng	# 95
26) 2-Nitrophenol	10.09	139	93147	19.38	ng	89
27) 2,4-Dimethylphenol	10.13	122	160009	17.42	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	277884	21.72	ng	96
29) 2,4-Dichlorophenol	10.62	162	186051	20.80	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	178543	16.81	ng	99
31) Naphthalene	11.03	128	481966	18.77	ng	99
32) Benzoic acid	10.20	122	31765	9.84	ng	# 83
33) 4-Chloroaniline	11.14	127	171264	15.48	ng	98
34) Hexachlorobutadiene	11.32	225	133518	16.17	ng	88
35) Caprolactam	11.93	113	10439	3.70	ng	# 82
36) 4-Chloro-3-methylphenol	12.24	107	230116	20.95	ng	92
37) 2-Methylnaphthalene	12.63	142	409452	20.56	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	269091	16.19	ng	98
40) Hexachlorocyclopentadiene	12.97	237	484690	36.54	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	202772	19.03	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	221873	19.90	ng	88
45) 1,1'-Biphenyl	13.63	154	601452	17.94	ng	99
46) 2-Chloronaphthalene	13.68	162	490116	17.77	ng	96
47) 2-Nitroaniline	13.88	65	212666	19.97	ng	97
48) Acenaphthylene	14.52	152	786325	19.65	ng	96
49) Dimethylphthalate	14.24	163	815291	22.33	ng	# 99
50) 2,6-Dinitrotoluene	14.36	165	167336	21.09	ng	88
51) Acenaphthene	14.86	154	540877	18.35	ng	98
52) 3-Nitroaniline	14.70	138	111488	15.02	ng	97
53) 2,4-Dinitrophenol	14.90	184	319385	65.36	ng	98
54) Dibenzofuran	15.20	168	869798	20.37	ng	94
55) 4-Nitrophenol	14.99	139	153392	24.44	ng	91
56) 2,4-Dinitrotoluene	15.15	165	241232	21.95	ng	91
57) Fluorene	15.85	166	705558	20.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	249071	21.55	ng	# 98
59) Diethylphthalate	15.60	149	816236	21.75	ng	96
60) 4-Chlorophenyl-phenylether	15.83	204	426622	21.03	ng	96
61) 4-Nitroaniline	15.86	138	153984	20.10	ng	# 86
62) Azobenzene	16.13	77	826636	20.34	ng	91
64) 4,6-Dinitro-2-methylphenol	15.92	198	152290	19.86	ng	98
65) n-Nitrosodiphenylamine	16.05	169	667816	20.07	ng	98
66) 4-Bromophenyl-phenylether	16.73	248	297824	20.08	ng	95
67) Hexachlorobenzene	16.85	284	319396	20.36	ng	95
68) Atrazine	16.99	200	296046	21.07	ng	96
69) Pentachlorophenol	17.20	266	618747	57.32	ng	98
70) Phenanthrene	17.60	178	1239022	21.25	ng	100
71) Anthracene	17.68	178	1255104	20.91	ng	98
72) Carbazole	17.95	167	1089539	21.42	ng	98
73) Di-n-butylphthalate	18.50	149	1262051	21.30	ng	97
74) Fluoranthene	19.60	202	1498161	22.30	ng	96
76) Benzidine	19.78	184	914532	68.71	ng	99
77) Pyrene	19.96	202	1502055	22.56	ng	96
79) Butylbenzylphthalate	20.83	149	588547	20.42	ng	95
80) Benzo(a)anthracene	21.83	228	1565678	22.63	ng	93
81) 3,3'-Dichlorobenzidine	21.73	252	423003	14.81	ng	99
82) Chrysene	21.89	228	1487331	22.88	ng	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	815843	20.10	ng	98
84) Di-n-octyl phthalate	22.97	149	1367848	20.45	ng	96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1792175	20.98	ng	# 100
87) Benzo(b)fluoranthene	24.12	252	1639041	20.75	ng	99
88) Benzo(k)fluoranthene	24.12	252	1639041	21.95	ng	99
89) Benzo(a)pyrene	25.03	252	1514092	19.66	ng	99
90) Dibenzo(a,h)anthracene	29.10	278	1531583	21.13	ng	# 97
91) Benzo(g,h,i)perylene	30.24	276	1496575	20.28	ng	# 98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

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S8-0581MSD

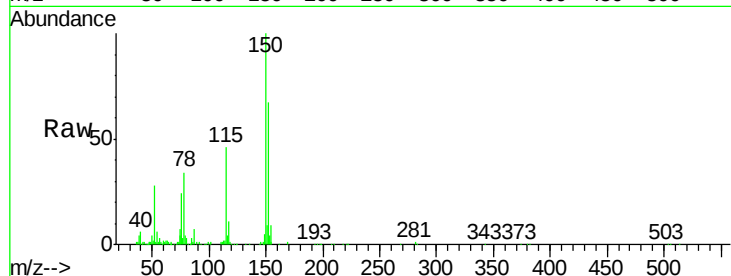
Tgt Ion:152 Resp: 113123

Ion Ratio Lower Upper

152 100

150 149.5 144.7 217.1

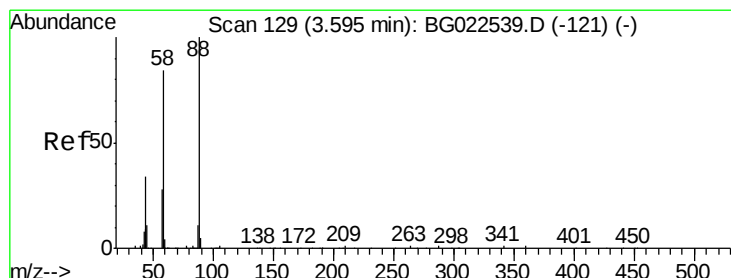
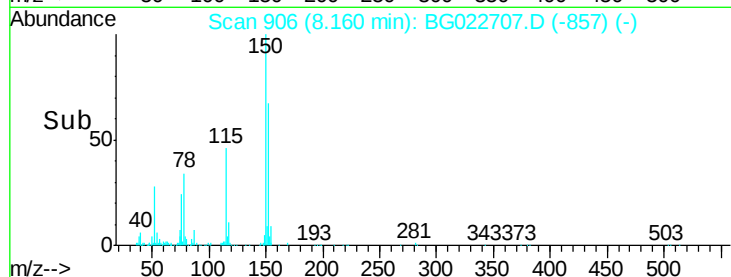
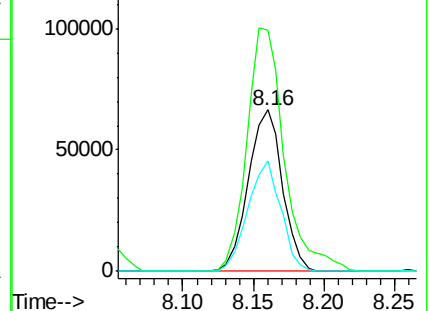
115 68.2 64.0 96.0



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: 12.60 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

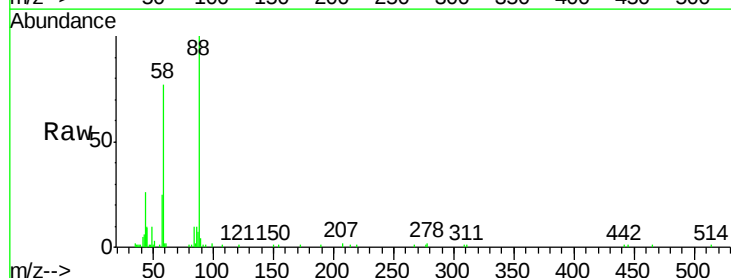
Tgt Ion: 88 Resp: 36011

Ion Ratio Lower Upper

88 100

58 78.0 60.4 90.6

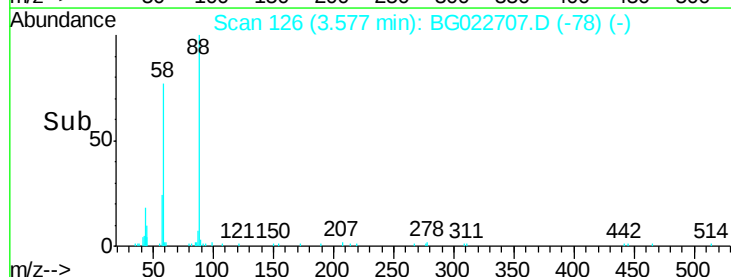
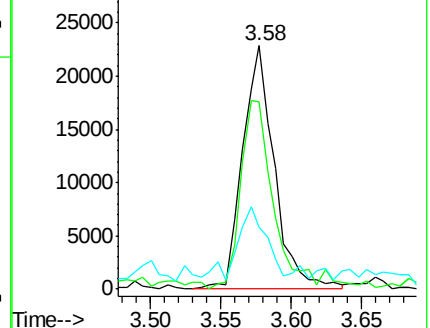
43 25.2 31.1 46.7#

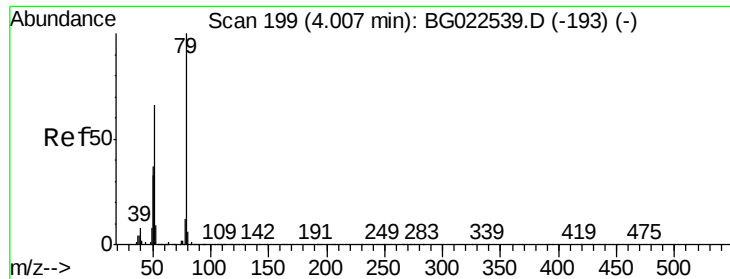


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

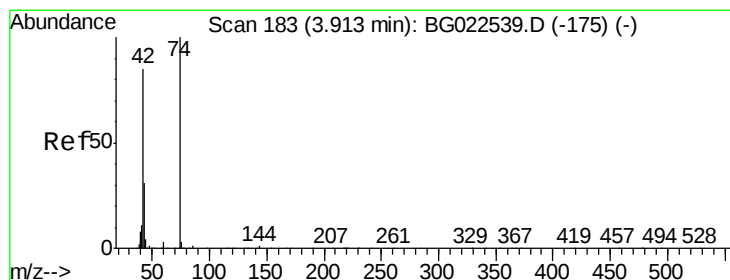
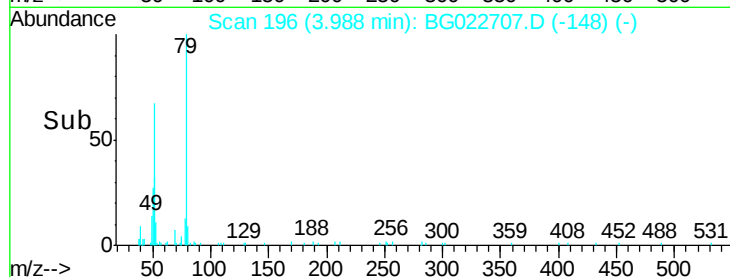
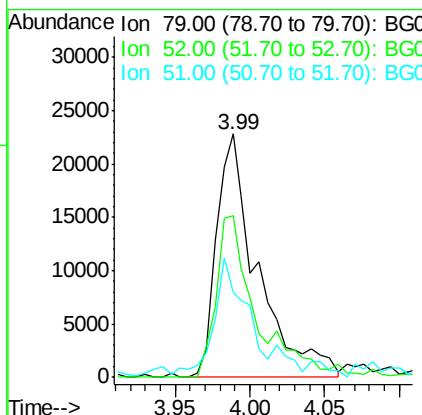
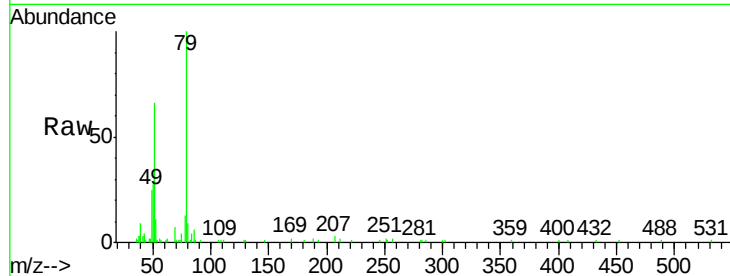




#3
 Pyridine
 Concen: 5.45 ng
 RT: 3.99 min Scan# 196
 Delta R.T. -0.02 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

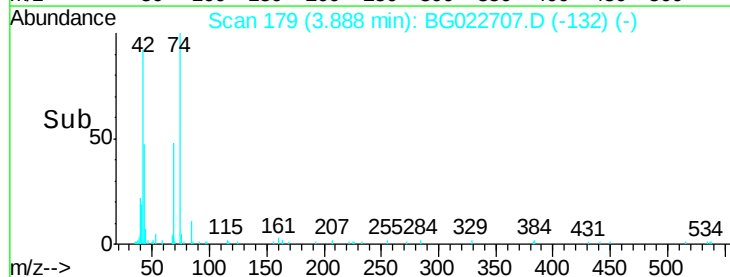
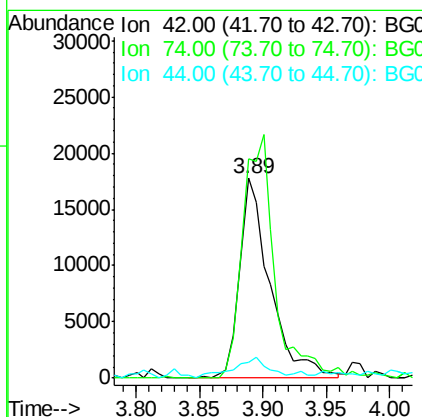
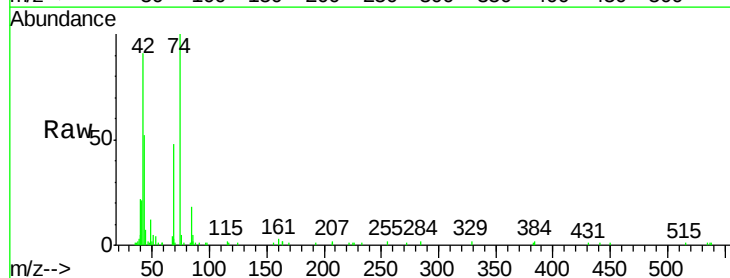
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

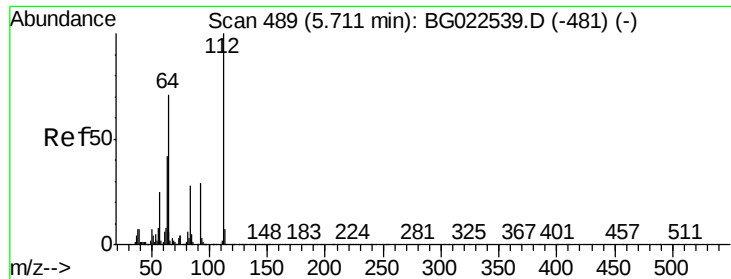
Tgt Ion: 79 Resp: 43561
 Ion Ratio Lower Upper
 79 100
 52 66.3 51.8 77.8
 51 34.8 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 6.44 ng
 RT: 3.89 min Scan# 179
 Delta R.T. -0.02 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion: 42 Resp: 29437
 Ion Ratio Lower Upper
 42 100
 74 110.0 100.6 150.8
 44 7.9 4.5 6.7#





#5

2-Fluorophenol

Concen: 57.15 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

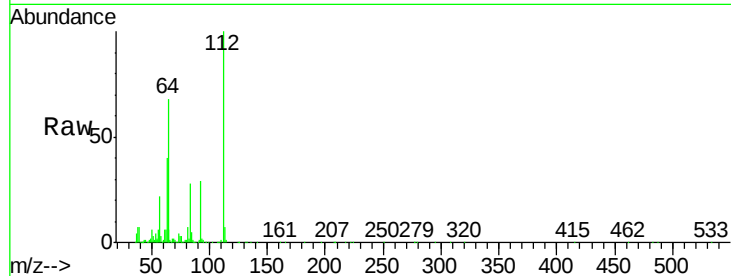
Tgt Ion: 112 Resp: 403034

Ion Ratio Lower Upper

112 100

64 68.1 59.0 88.4

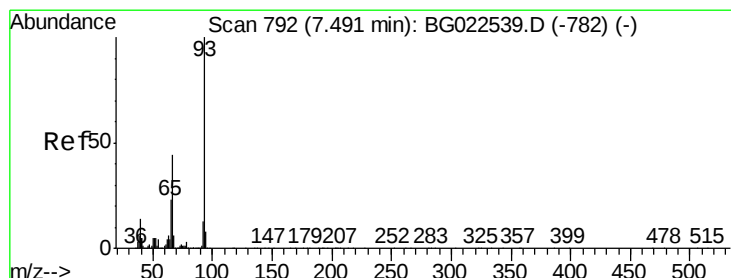
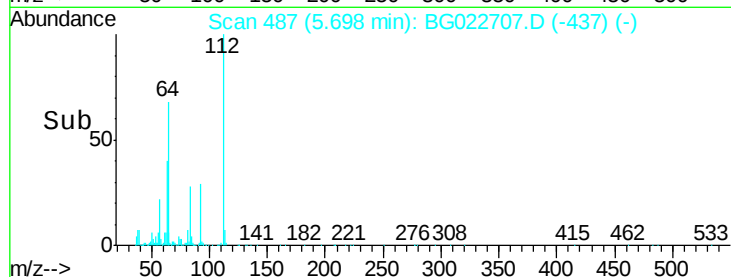
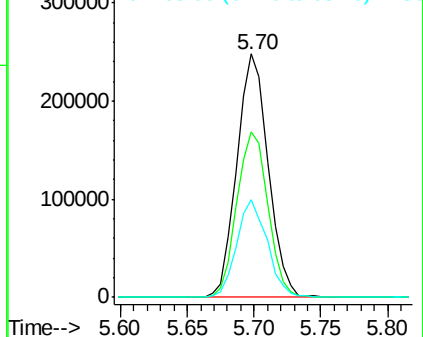
63 39.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.11 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

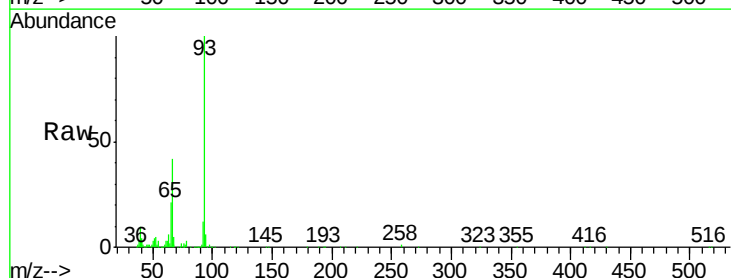
Tgt Ion: 93 Resp: 159573

Ion Ratio Lower Upper

93 100

66 41.7 37.5 56.3

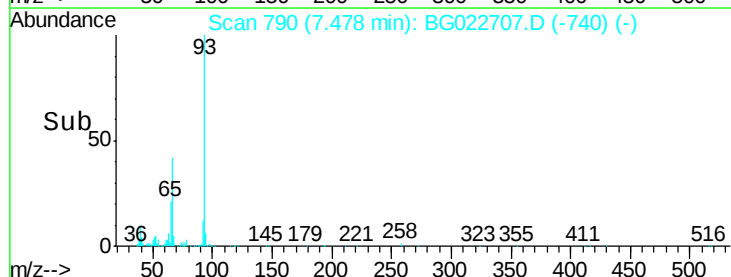
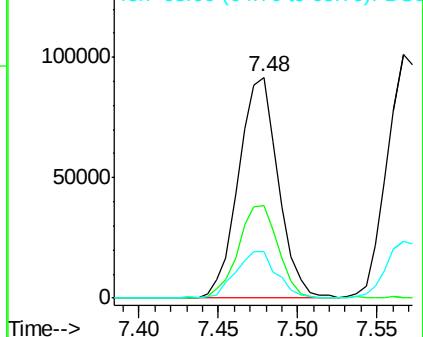
65 21.3 17.9 26.9



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: 40.01 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

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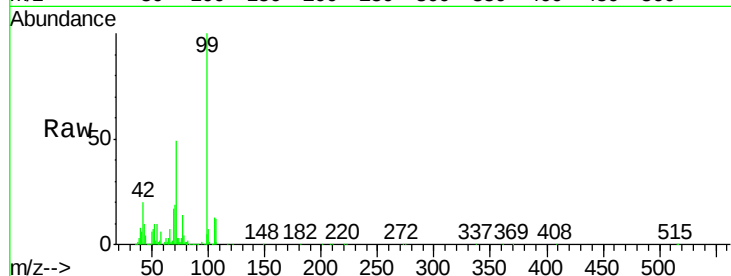
Tgt Ion: 99 Resp: 397780

Ion Ratio Lower Upper

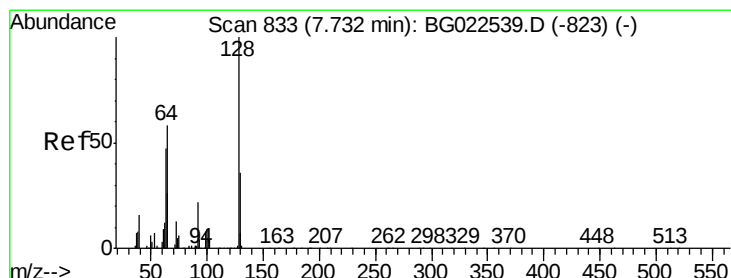
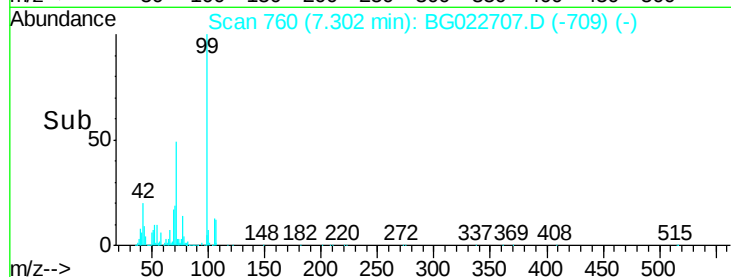
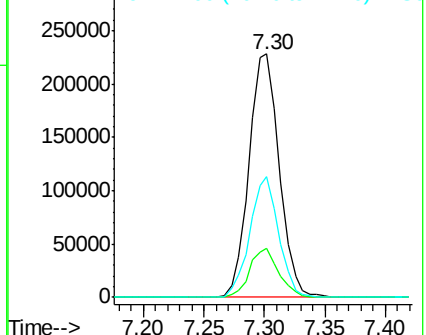
99 100

42 20.4 17.8 26.6

71 49.4 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: 16.23 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

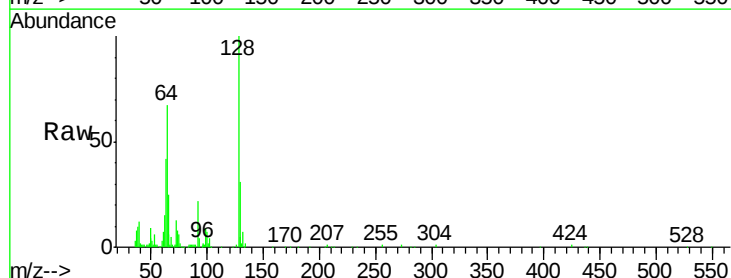
Tgt Ion: 128 Resp: 118546

Ion Ratio Lower Upper

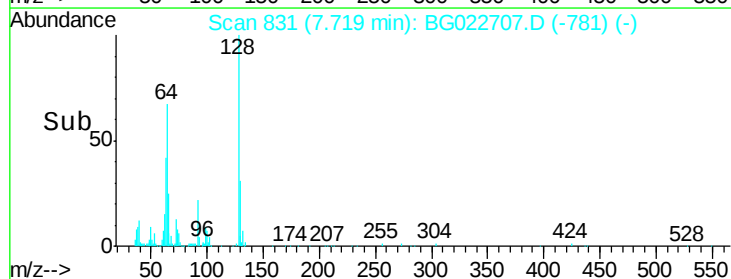
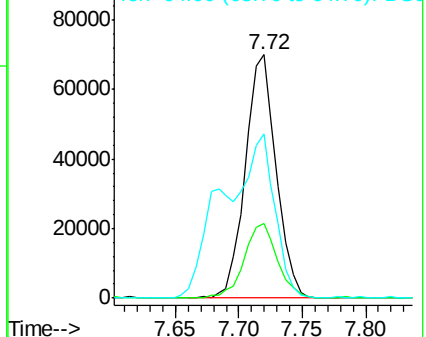
128 100

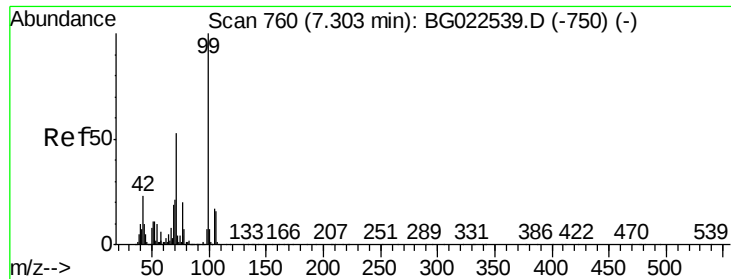
130 30.7 12.9 52.9

64 67.5 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: 34.12 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

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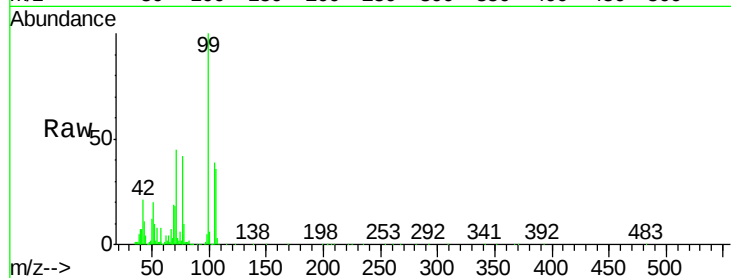
Tgt Ion: 77 Resp: 119374

Ion Ratio Lower Upper

77 100

105 93.1 58.7 98.7

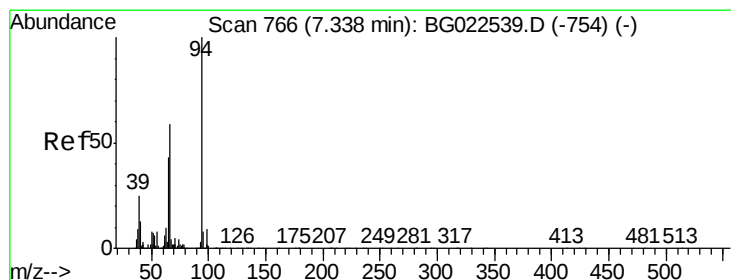
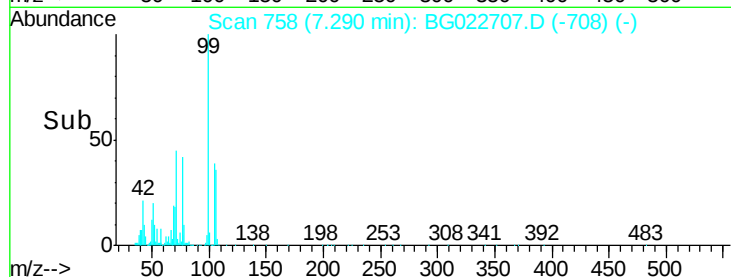
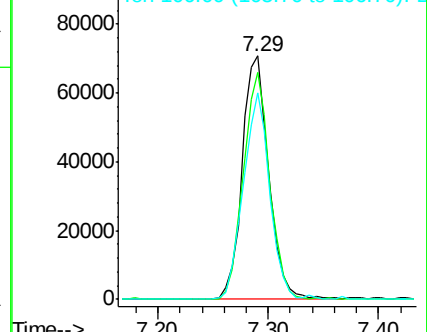
106 84.9 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.60 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

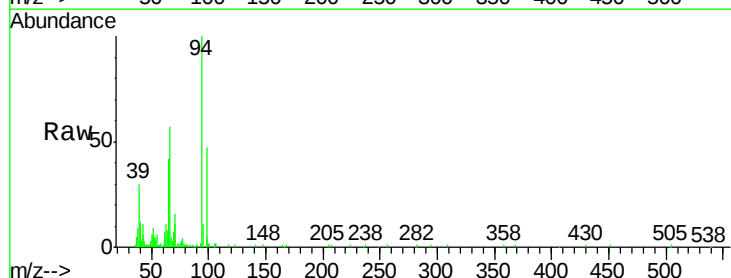
Tgt Ion: 94 Resp: 69334

Ion Ratio Lower Upper

94 100

65 42.0 18.1 58.1

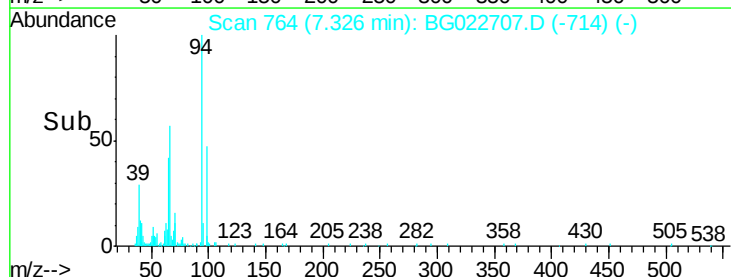
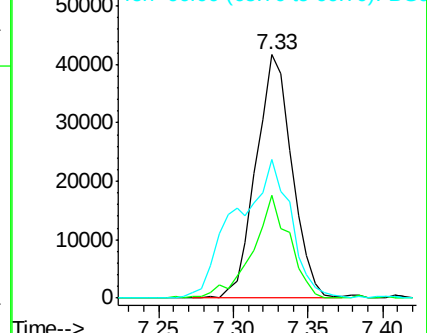
66 56.8 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

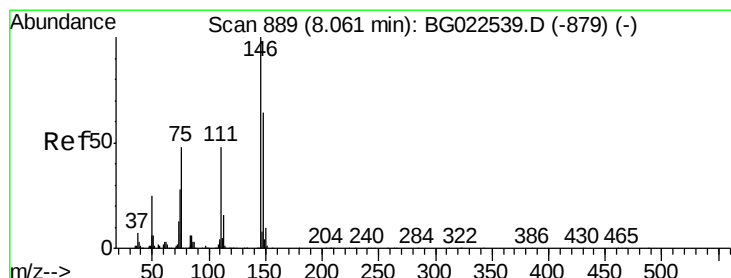
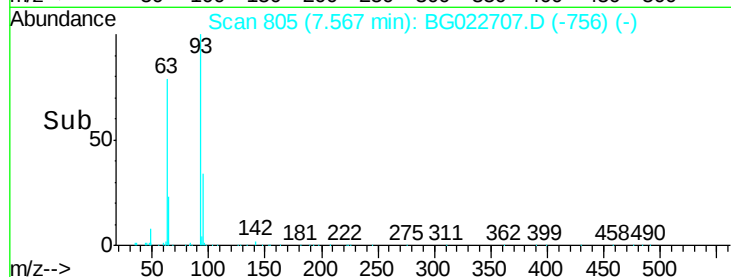
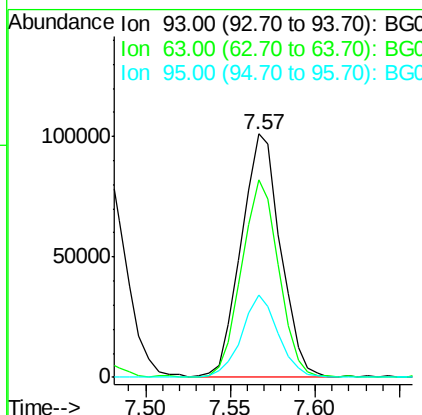
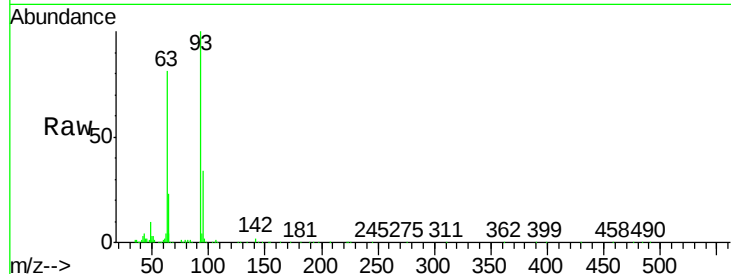




#11
bis(2-Chloroethyl)ether
Concen: 18.84 ng
RT: 7.57 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

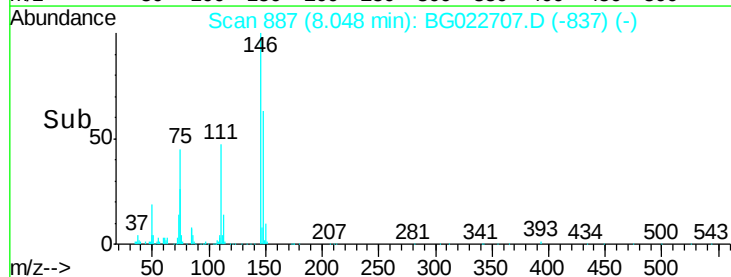
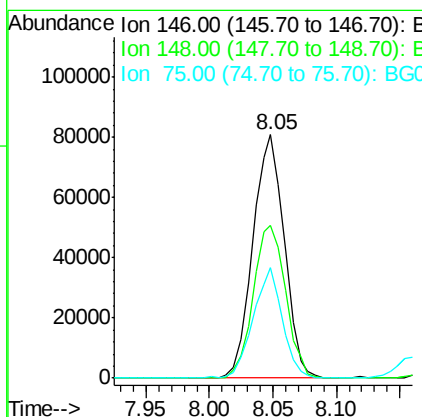
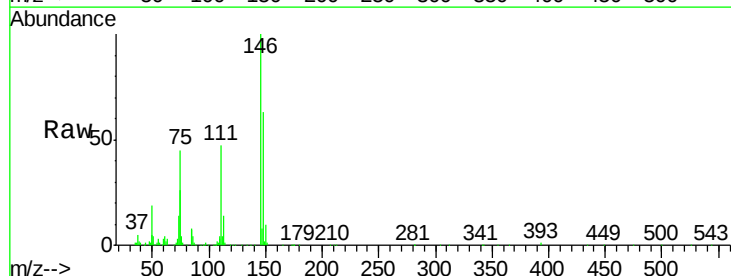
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

Tgt Ion:	93	Resp:	162961
Ion	Ratio	Lower	Upper
93	100		
63	81.2	55.0	95.0
95	33.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 15.70 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:	146	Resp:	139534
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
75	45.3	37.0	55.6

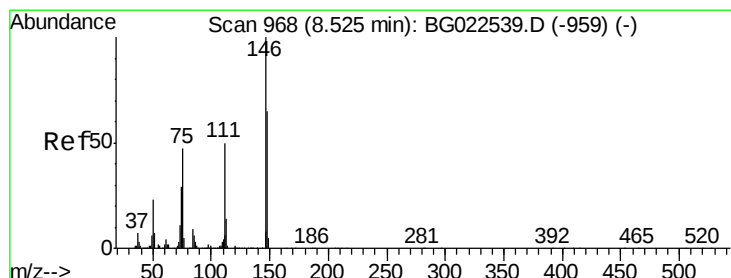
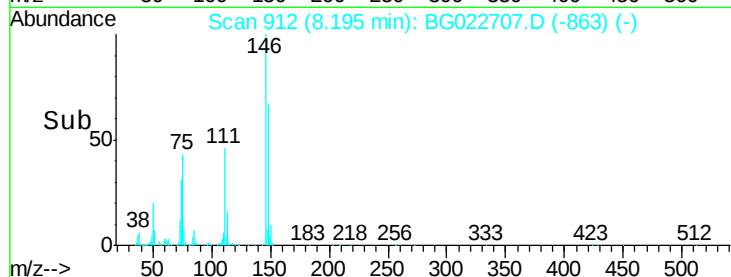
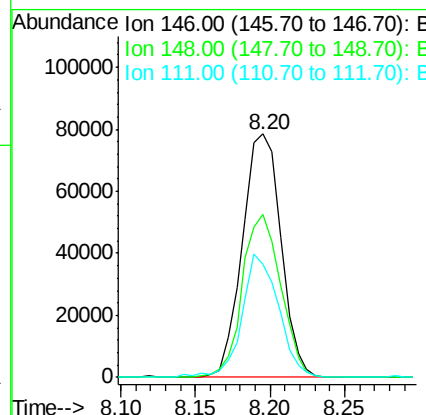
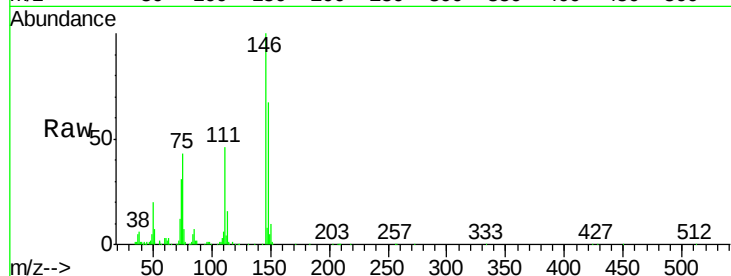




#13
 1,4-Dichlorobenzene
 Concen: 15.78 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

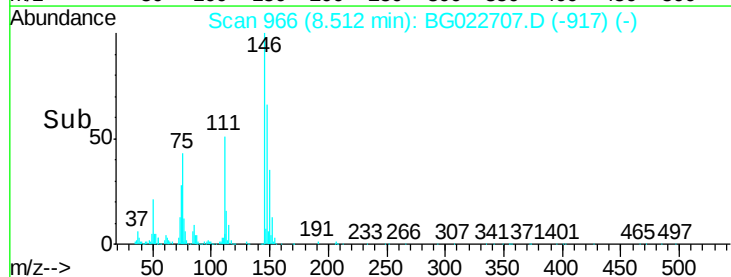
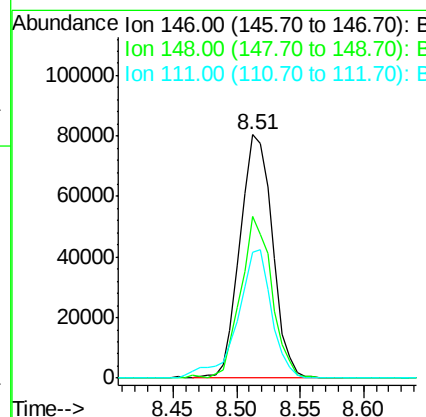
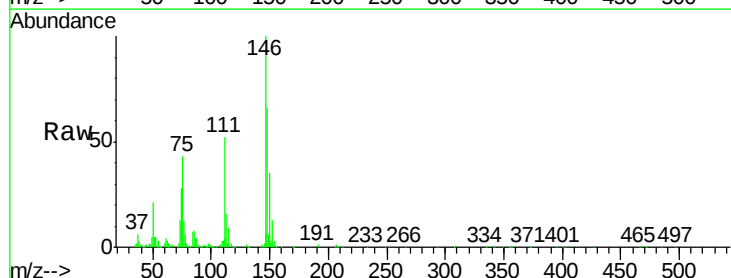
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.5	81.7
111	46.4	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 16.89 ng
 RT: 8.51 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.9	79.3
111	51.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 13.32 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

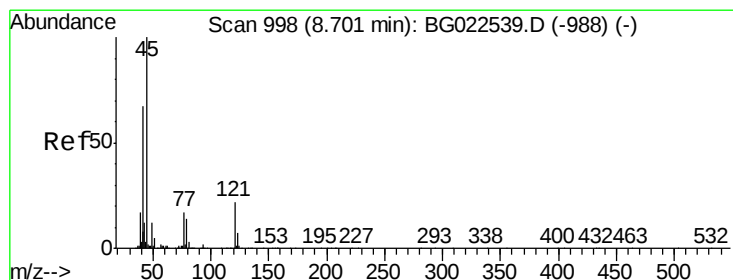
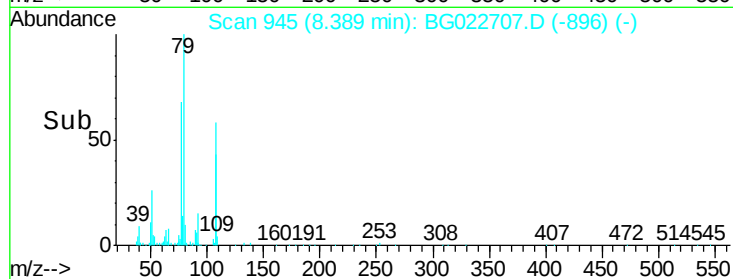
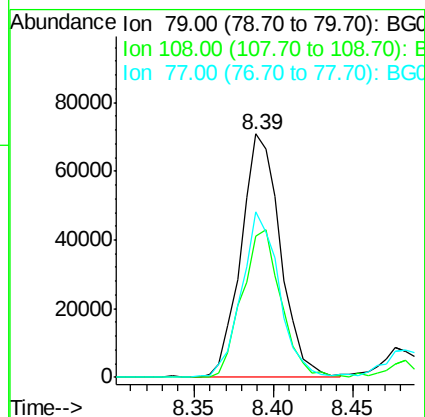
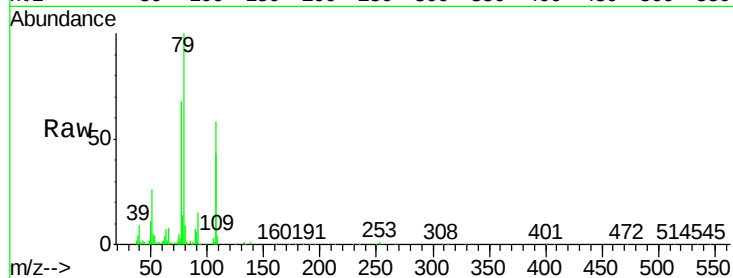
Tgt Ion: 79 Resp: 122487

Ion Ratio Lower Upper

79 100

108 58.2 46.5 69.7

77 68.0 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.73 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

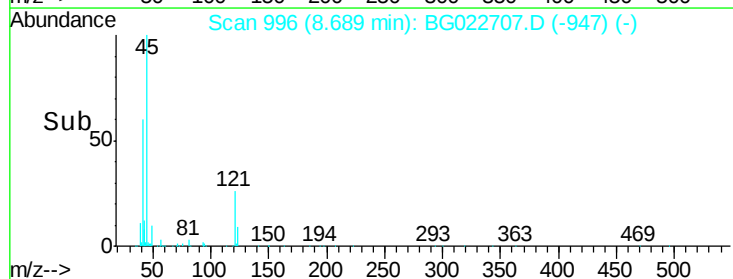
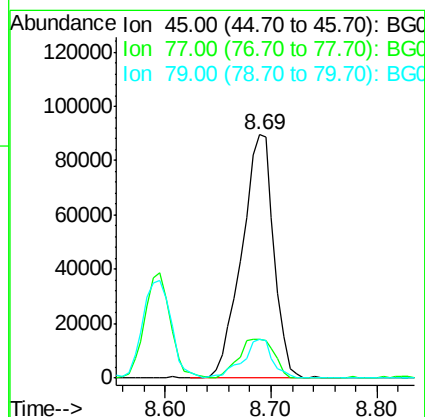
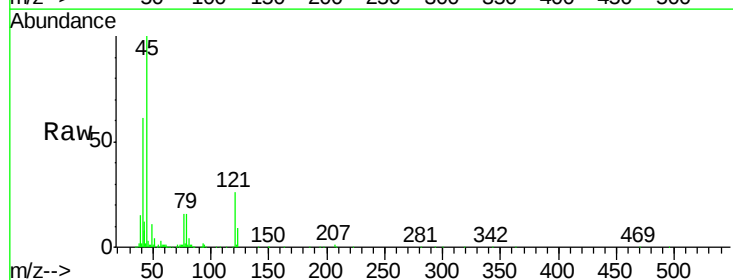
Tgt Ion: 45 Resp: 188740

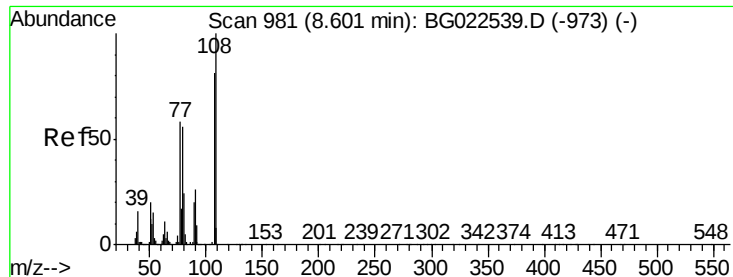
Ion Ratio Lower Upper

45 100

77 16.0 0.6 40.6

79 16.1 0.0 36.2

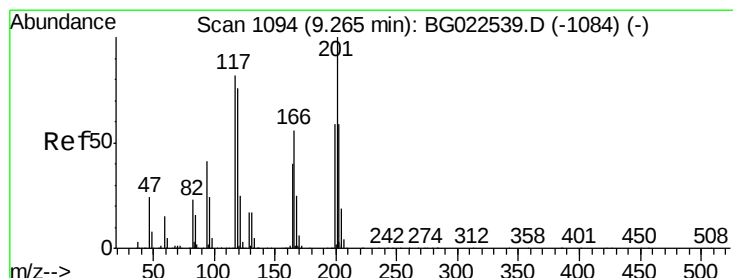
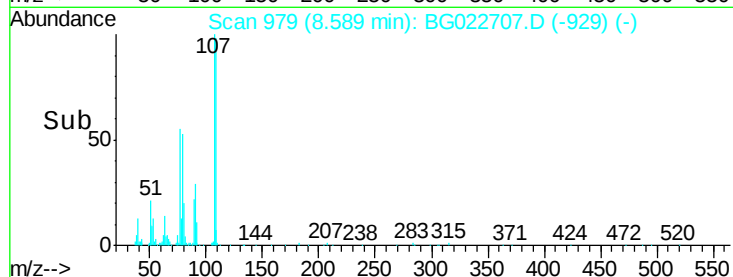
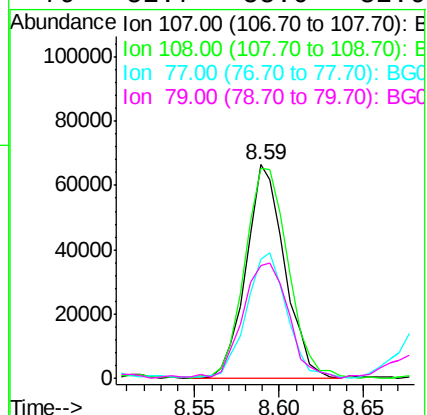
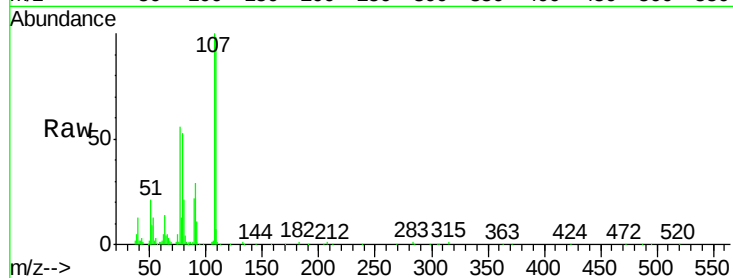




#17
2-Methylphenol
Concen: 15.24 ng
RT: 8.59 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

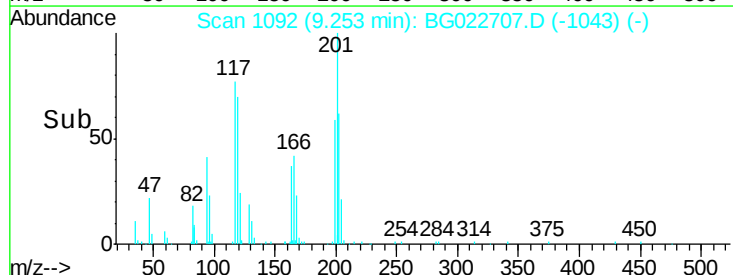
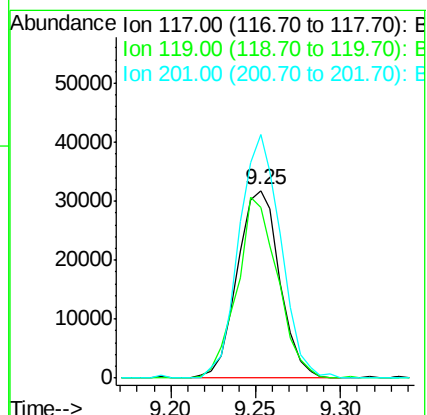
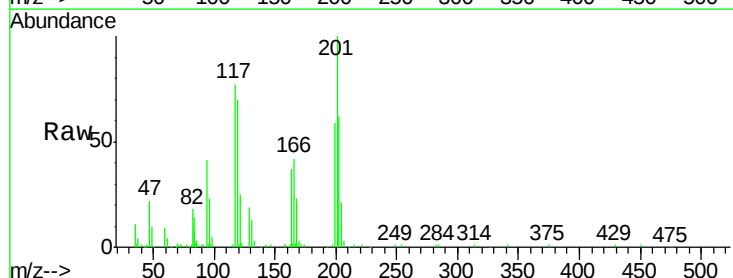
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

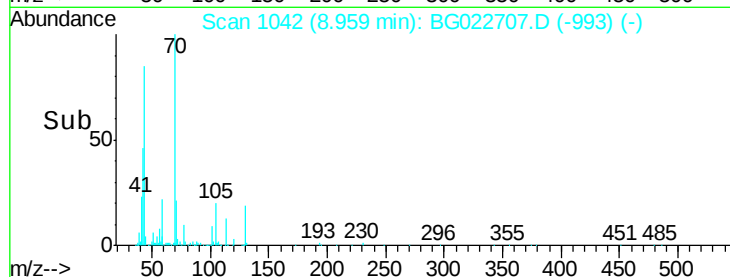
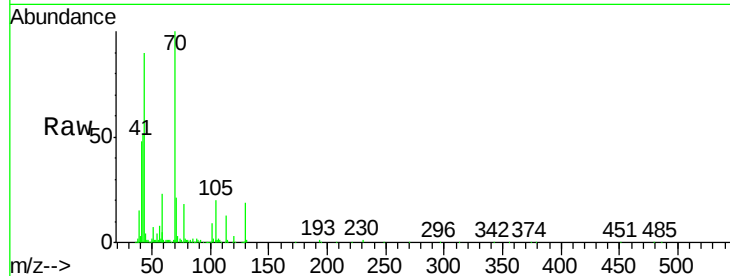
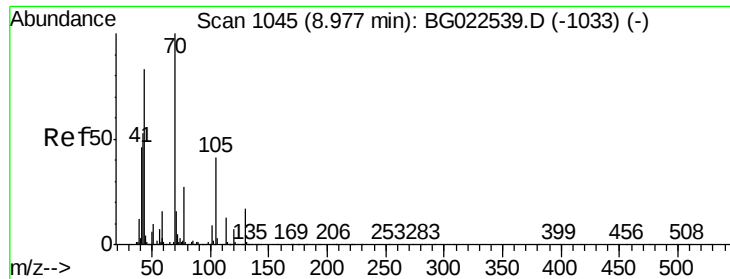
Tgt Ion:	107	Resp:	105528
Ion	Ratio	Lower	Upper
107	100		
108	98.2	92.0	138.0
77	55.7	55.8	83.6#
79	52.7	55.0	82.6#



#18
Hexachloroethane
Concen: 15.00 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:	117	Resp:	55321
Ion	Ratio	Lower	Upper
117	100		
119	91.1	73.7	110.5
201	134.4	88.7	133.1#

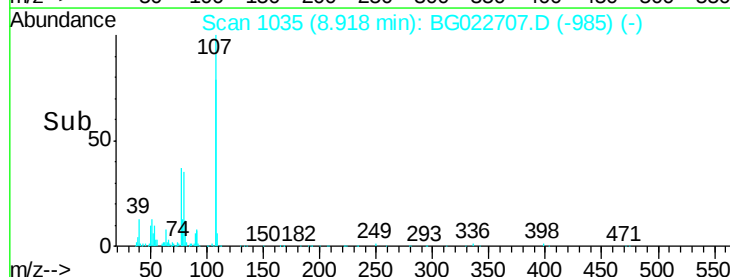
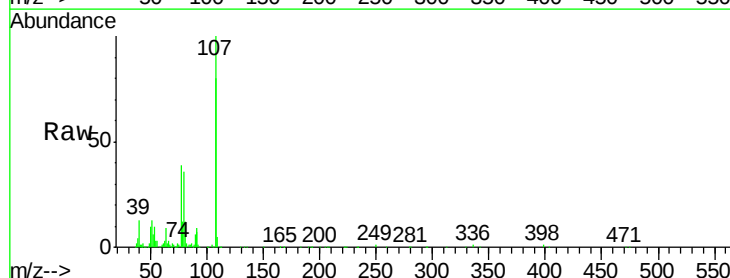
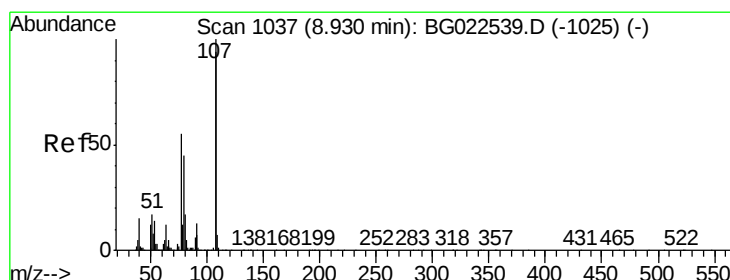
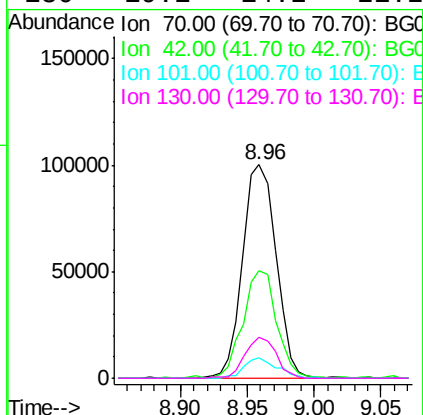




#19
n-Nitroso-di-n-propylamine
Concen: 21.03 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

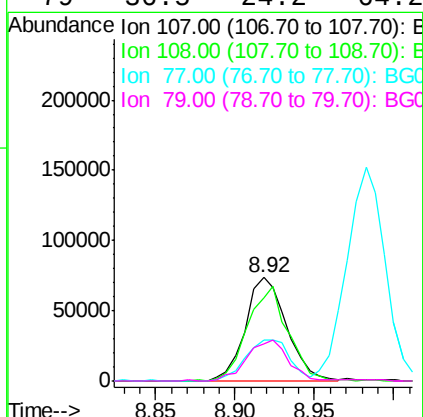
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

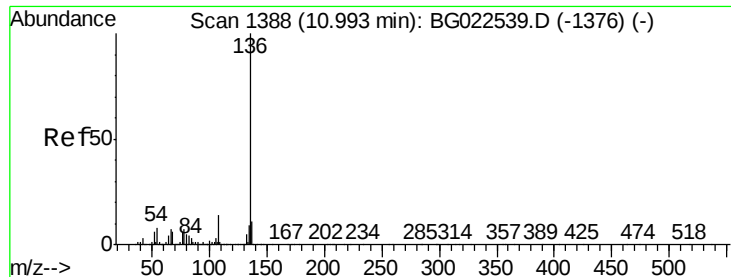
Tgt Ion:	70	Resp:	174077
Ion	Ratio	Lower	Upper
70	100		
42	50.6	42.1	63.1
101	9.5	7.2	10.8
130	19.1	14.2	21.2



#20
3+4-Methylphenols
Concen: 13.91 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:	107	Resp:	132700
Ion	Ratio	Lower	Upper
107	100		
108	80.0	72.5	112.5
77	39.2	30.1	70.1
79	36.5	24.2	64.2

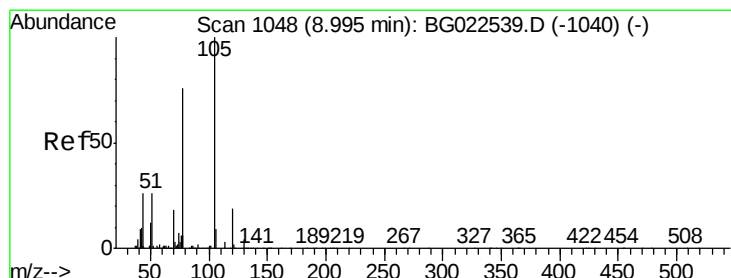
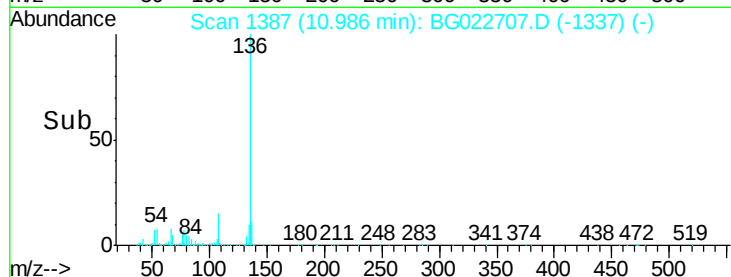
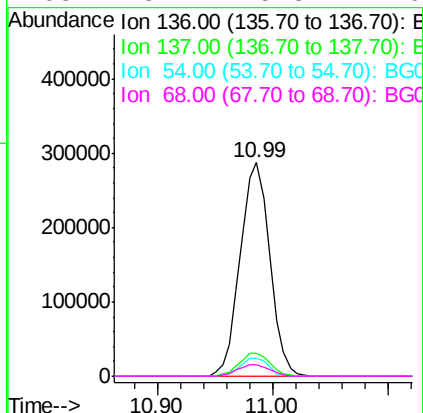
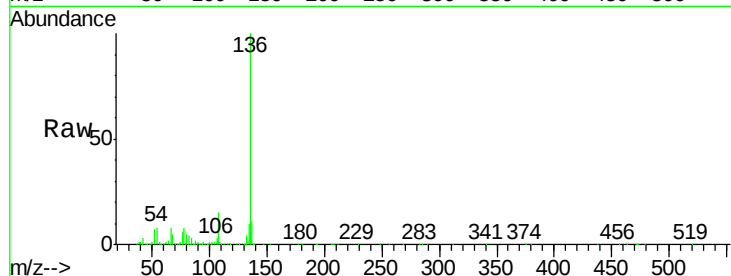




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

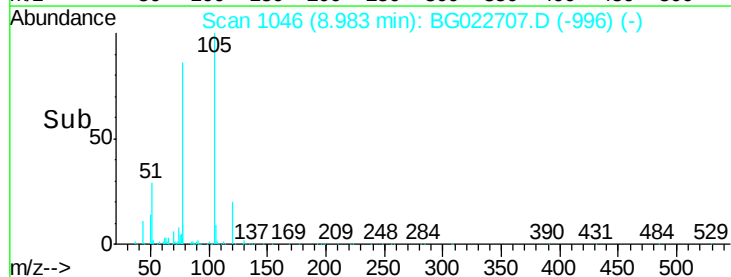
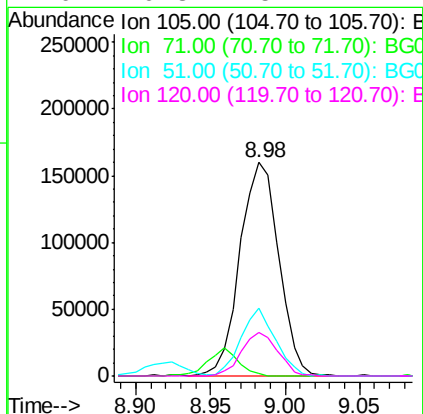
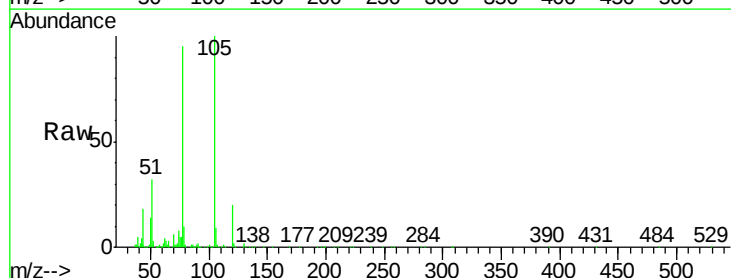
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

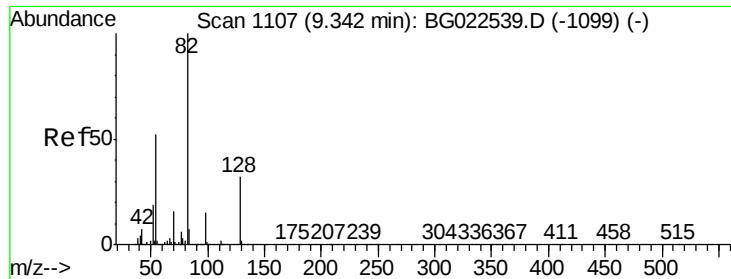
Tgt Ion:	136	Resp:	510939
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.2	7.3	10.9
68	5.2	5.3	7.9#



#22
Acetophenone
Concen: 19.53 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:	105	Resp:	288418
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.6	3.8#
51	31.7	27.1	40.7
120	20.3	15.1	22.7

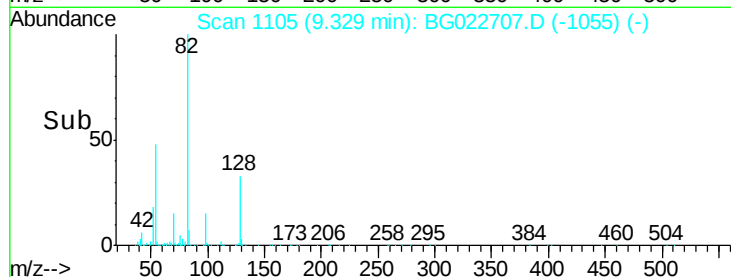
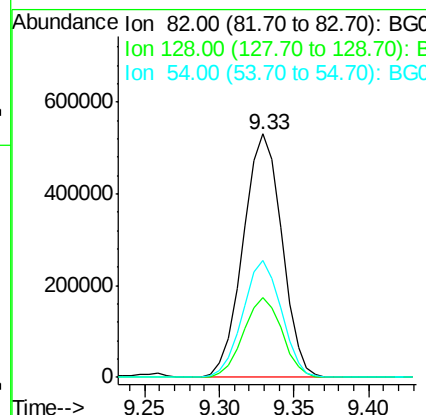
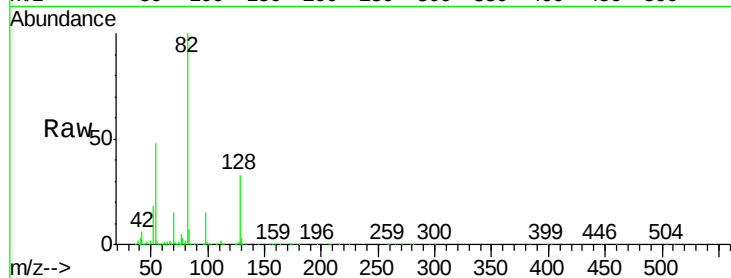




#23
 Nitrobenzene-d5
 Concen: 78.95 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

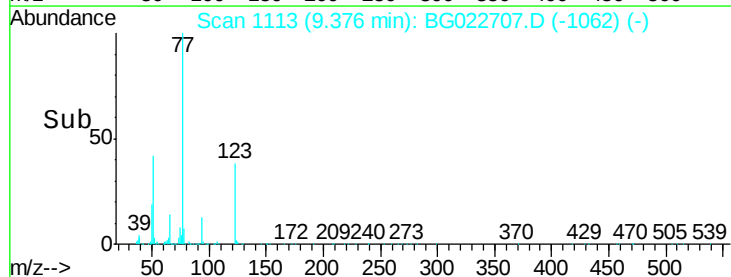
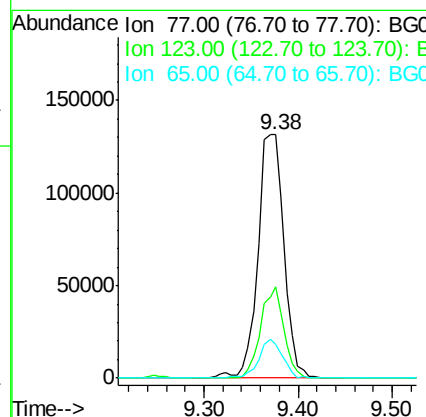
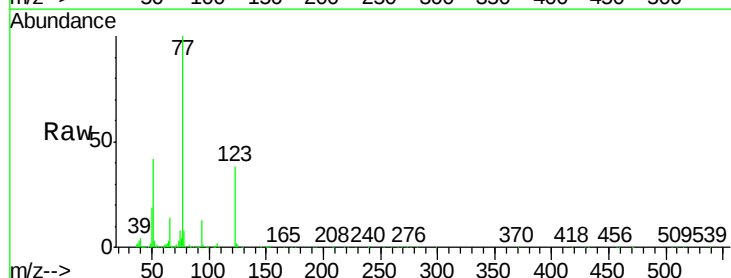
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

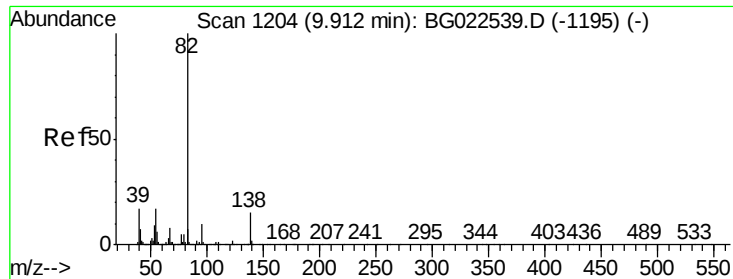
Tgt Ion: 82 Resp: 953083
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 47.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 18.90 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion: 77 Resp: 252129
 Ion Ratio Lower Upper
 77 100
 123 37.6 25.0 37.6
 65 14.1 13.4 20.0

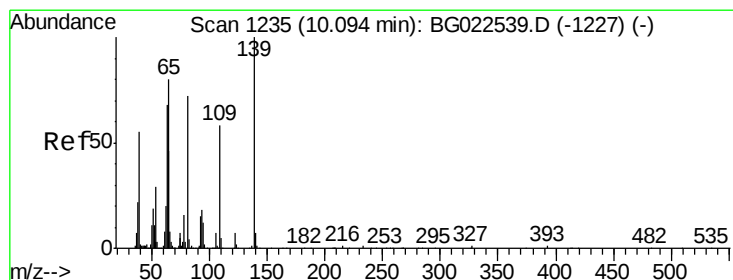
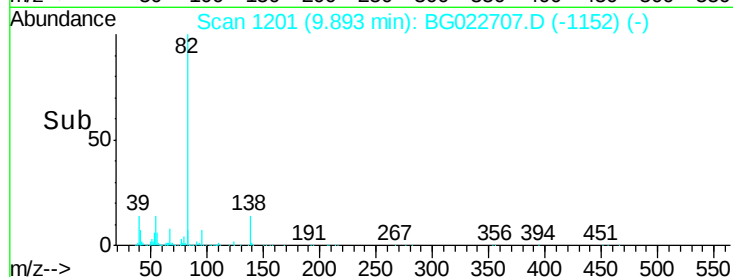
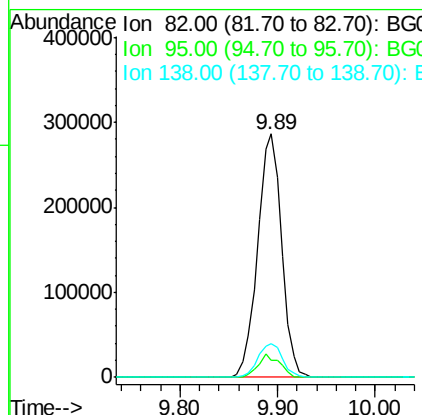
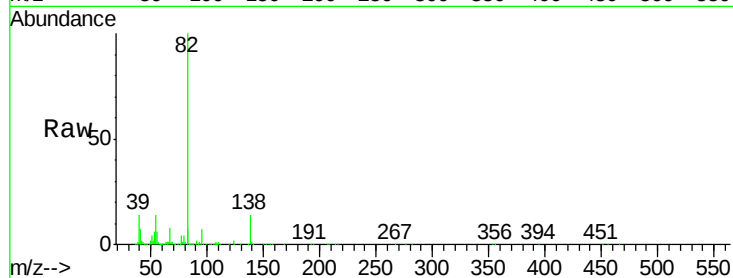




#25
Isophorone
Concen: 20.98 ng
RT: 9.89 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

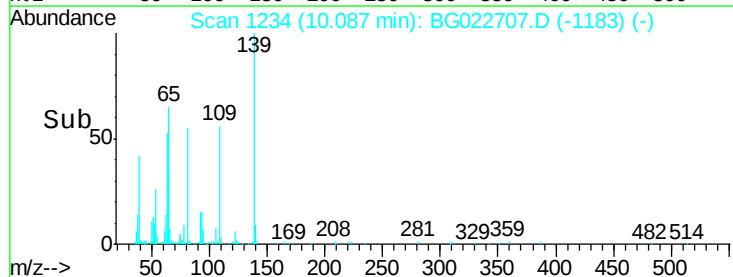
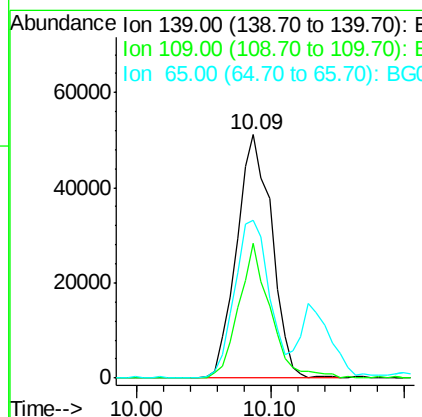
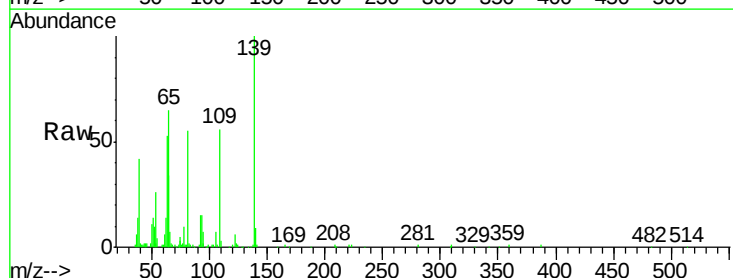
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

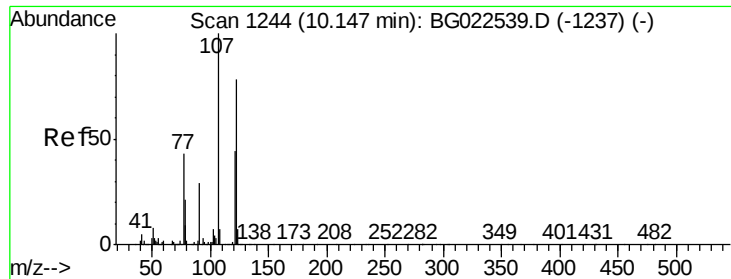
Tgt Ion: 82 Resp: 491579
Ion Ratio Lower Upper
82 100
95 7.0 8.2 12.2#
138 14.1 10.7 16.1



#26
2-Nitrophenol
Concen: 19.38 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion: 139 Resp: 93147
Ion Ratio Lower Upper
139 100
109 55.6 43.5 65.3
65 64.9 64.3 96.5

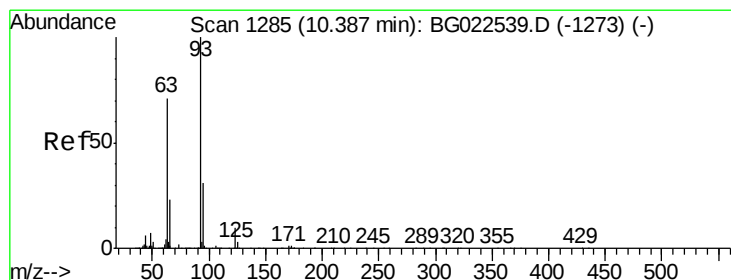
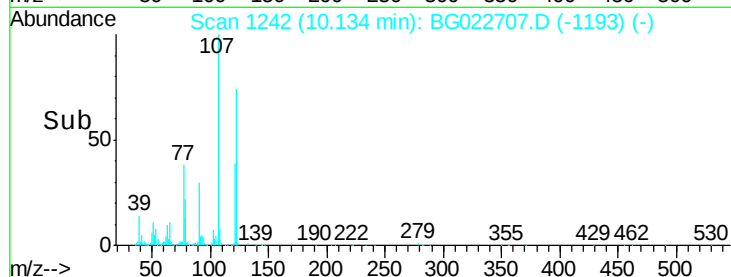
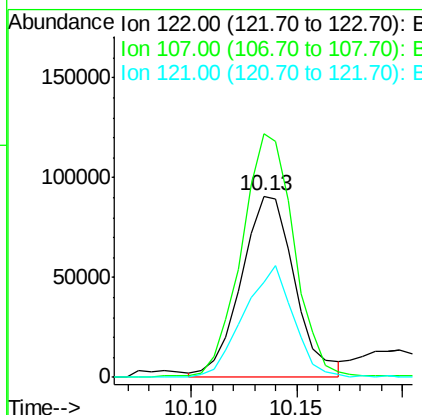
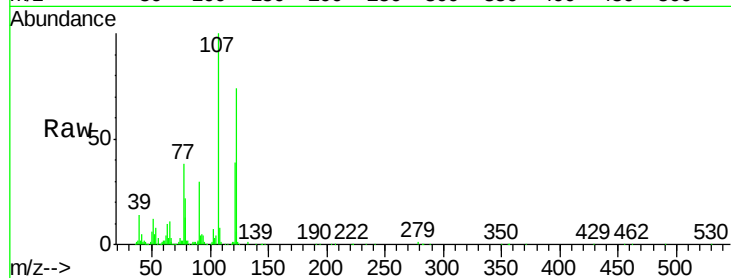




#27
2,4-Dimethylphenol
Concen: 17.42 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

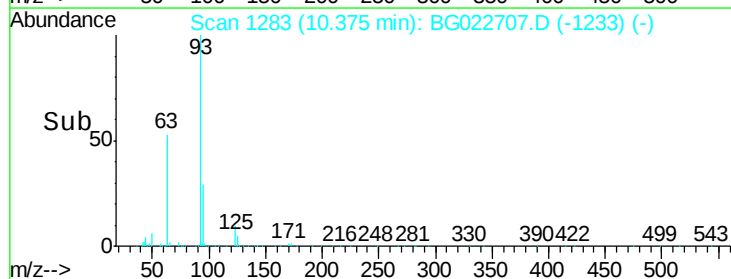
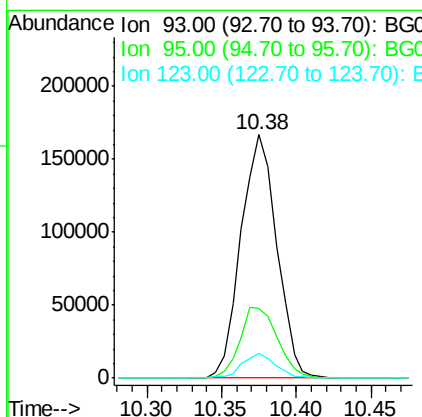
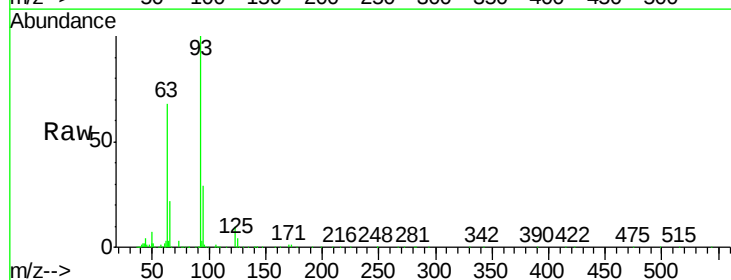
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

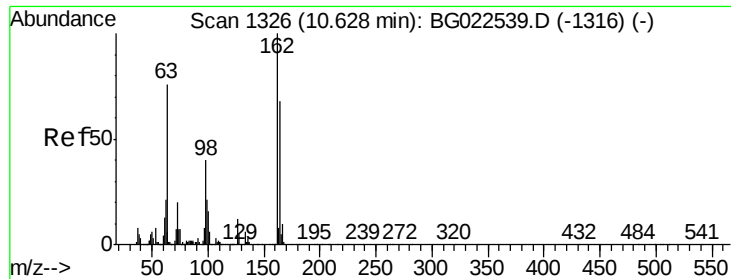
Tgt Ion: 122 Resp: 160009
Ion Ratio Lower Upper
122 100
107 134.3 117.0 175.4
121 52.3 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 21.72 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion: 93 Resp: 277884
Ion Ratio Lower Upper
93 100
95 28.6 25.4 38.2
123 10.2 8.2 12.2

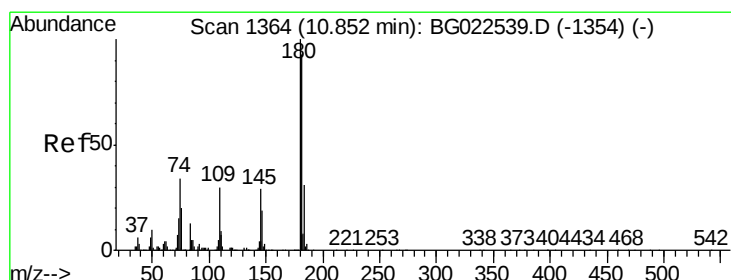
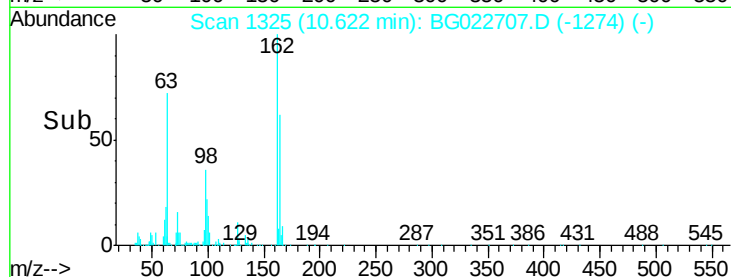
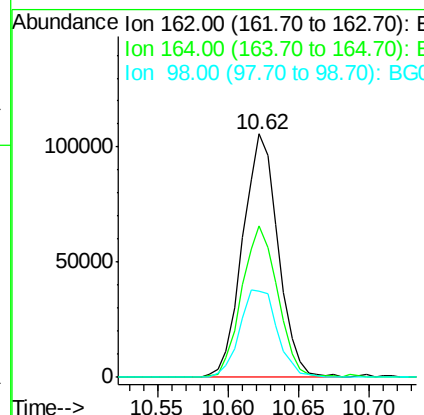
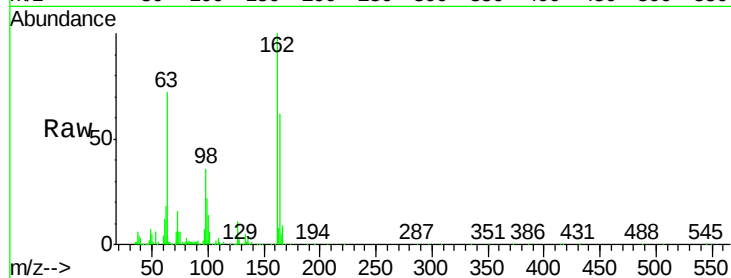




#29
 2,4-Dichlorophenol
 Concen: 20.80 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

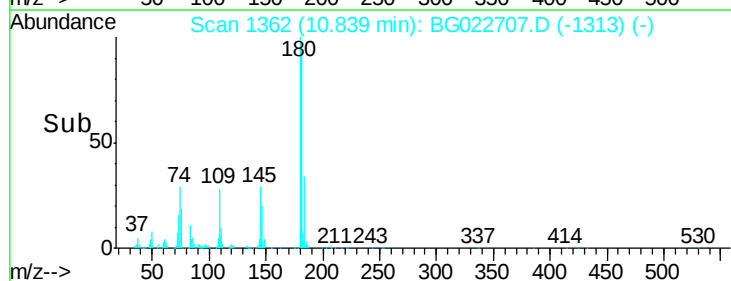
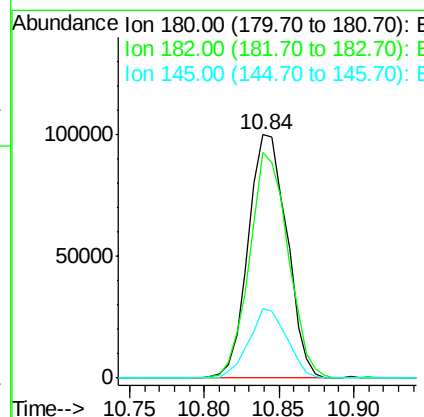
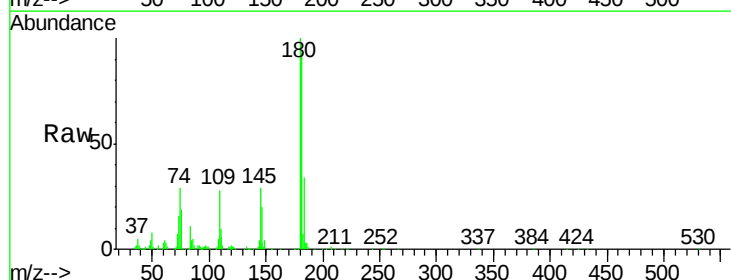
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

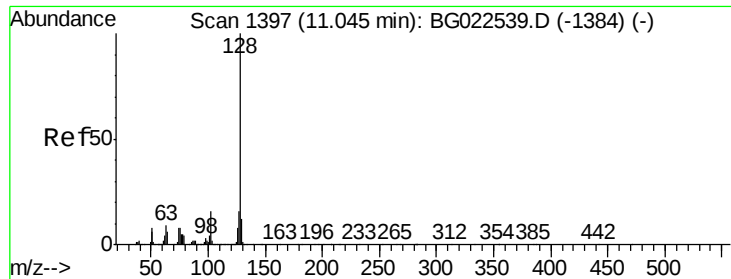
Tgt Ion:	162	Resp:	186051
Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.3	84.3
98	35.6	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 16.81 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion:	180	Resp:	178543
Ion	Ratio	Lower	Upper
180	100		
182	92.5	73.8	110.8
145	28.8	24.4	36.6

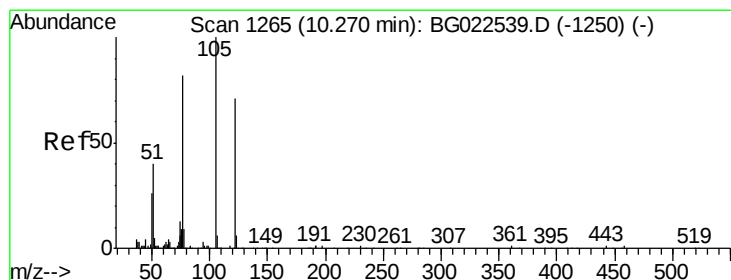
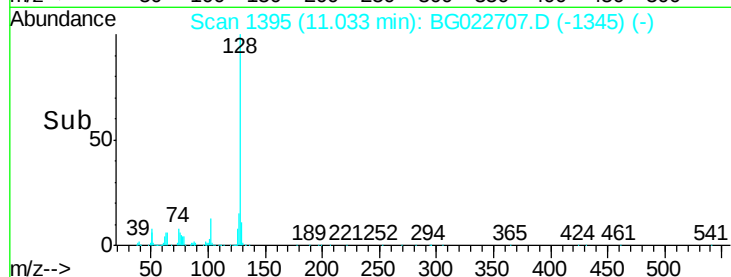
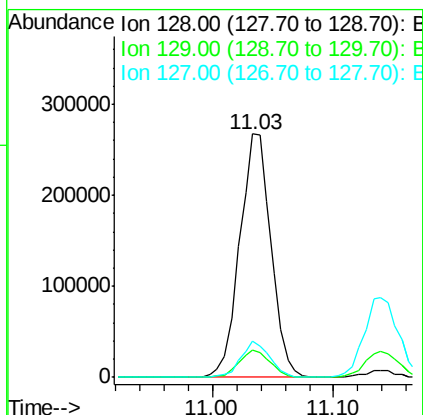
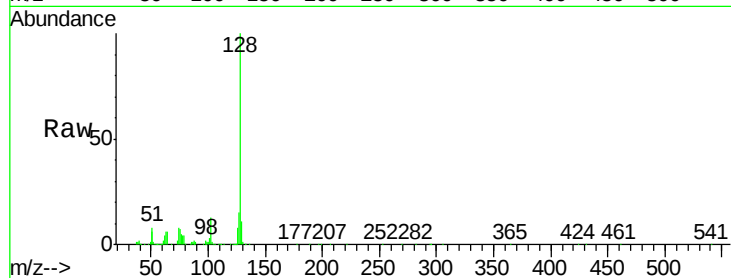




#31
Naphthalene
Concen: 18.77 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

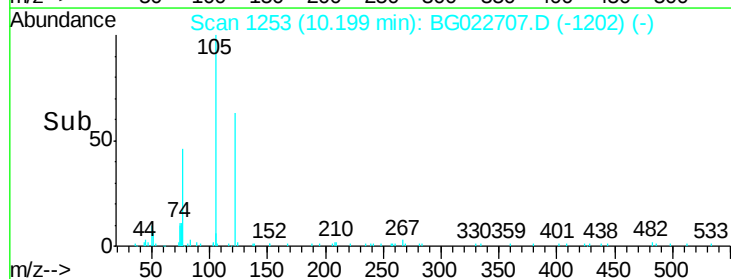
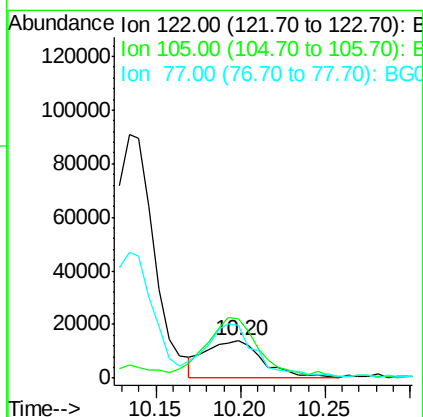
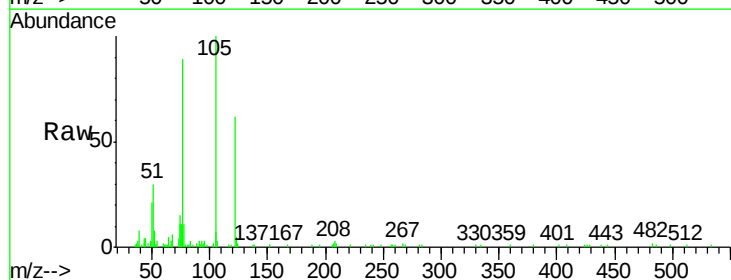
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

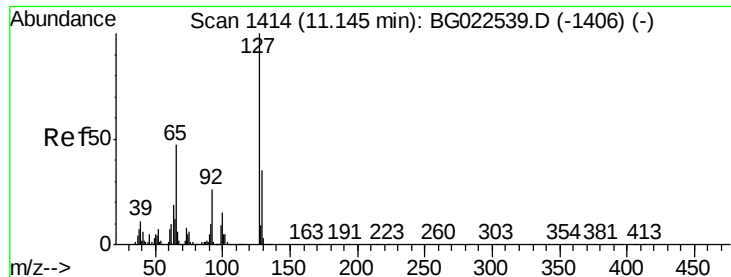
Tgt Ion:128 Resp: 481966
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 9.84 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:122 Resp: 31765
Ion Ratio Lower Upper
122 100
105 161.9 117.2 157.2#
77 144.2 109.2 149.2

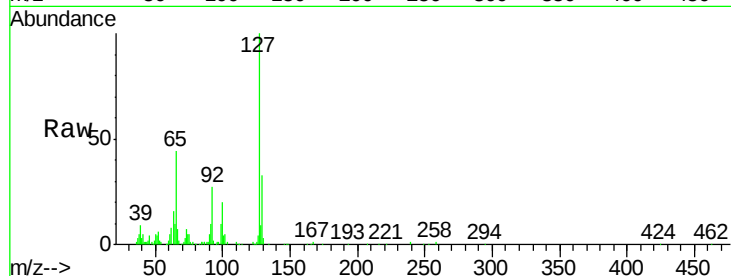




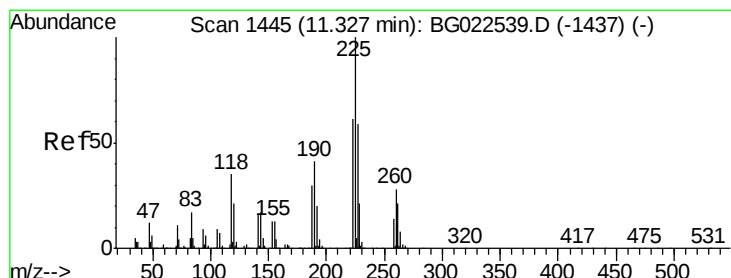
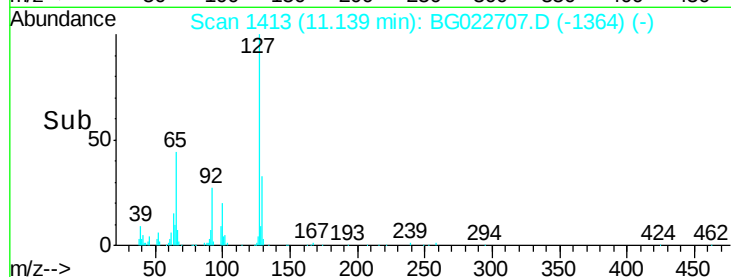
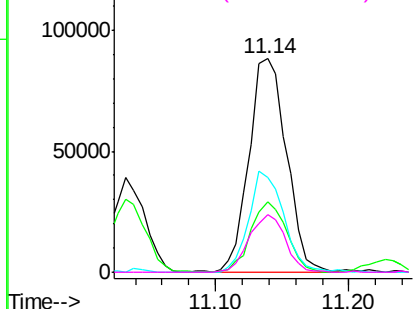
#33
4-Chloroaniline
Concen: 15.48 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

Tgt Ion:	127	Resp:	171264
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.9	41.9
65	44.3	36.8	55.2
92	26.9	21.0	31.6

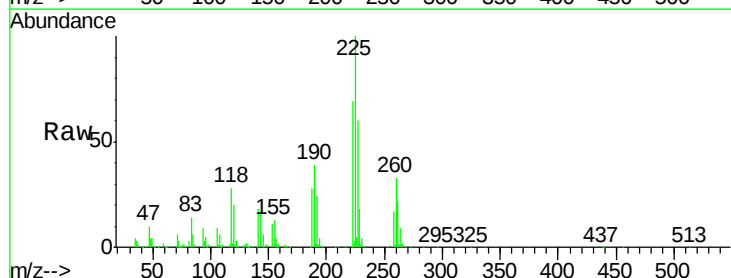


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

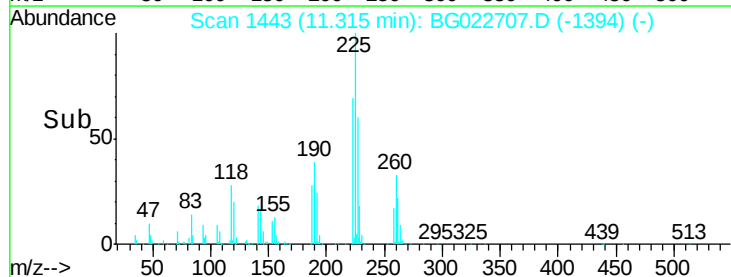
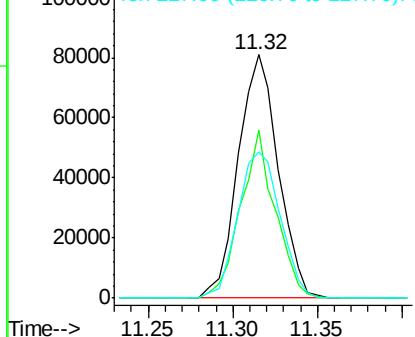


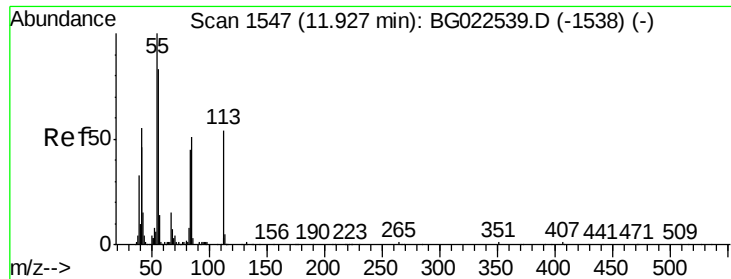
#34
Hexachlorobutadiene
Concen: 16.17 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:	225	Resp:	133518
Ion	Ratio	Lower	Upper
225	100		
223	72.1	49.6	74.4
227	59.9	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: 3.70 ng

RT: 11.93 min Scan# 1548

Delta R.T. 0.03 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

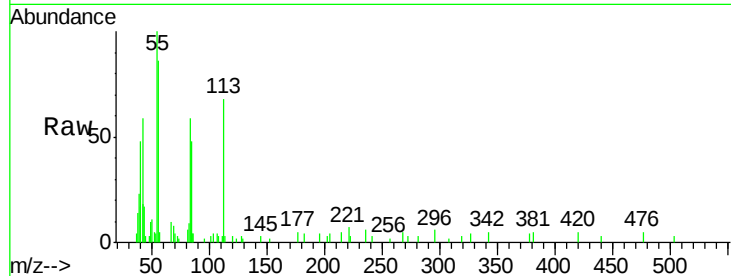
Tgt Ion:113 Resp: 10439

Ion Ratio Lower Upper

113 100

55 147.2 154.5 194.5#

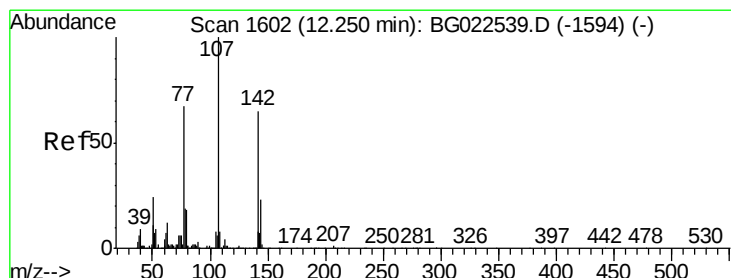
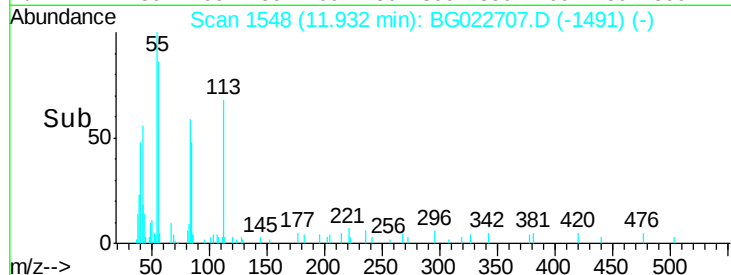
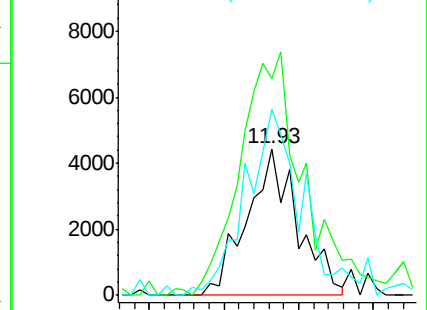
56 126.4 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 20.95 ng

RT: 12.24 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

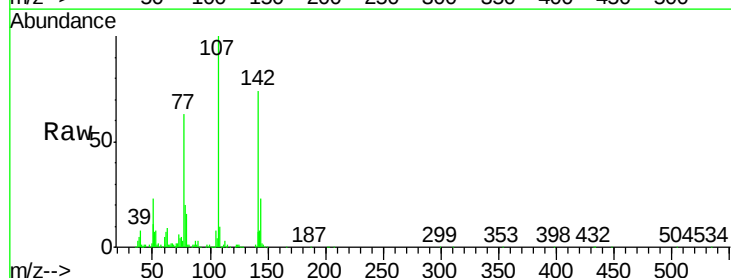
Tgt Ion:107 Resp: 230116

Ion Ratio Lower Upper

107 100

144 22.9 17.0 25.6

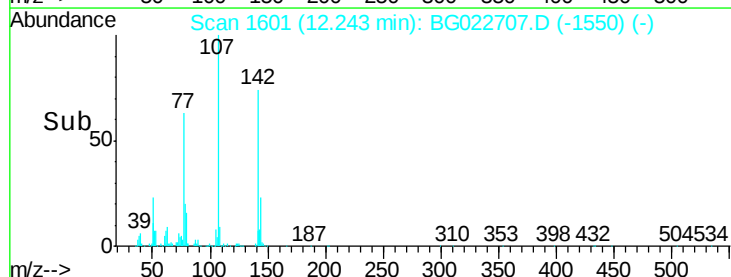
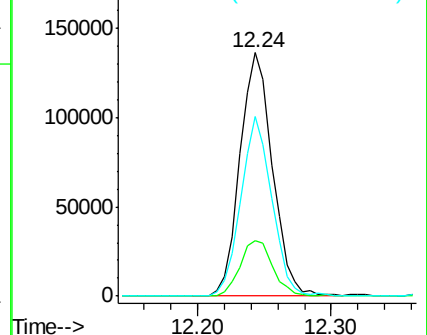
142 73.9 53.0 79.6

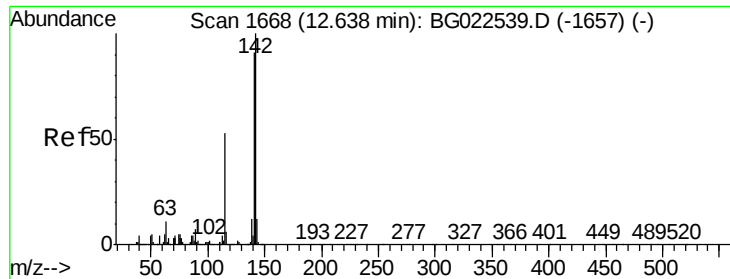


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

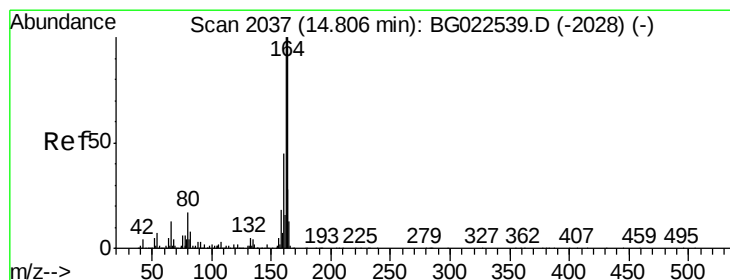
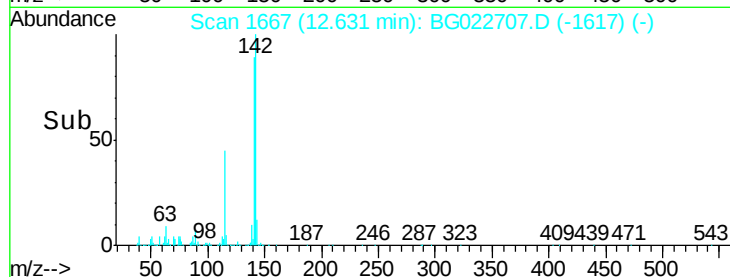
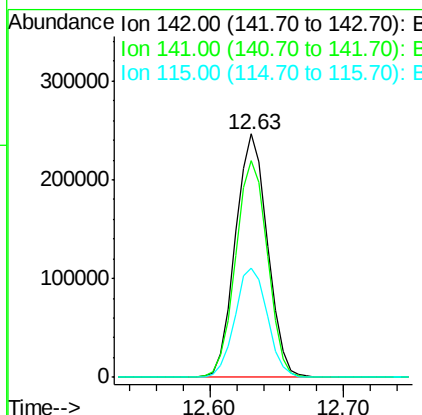
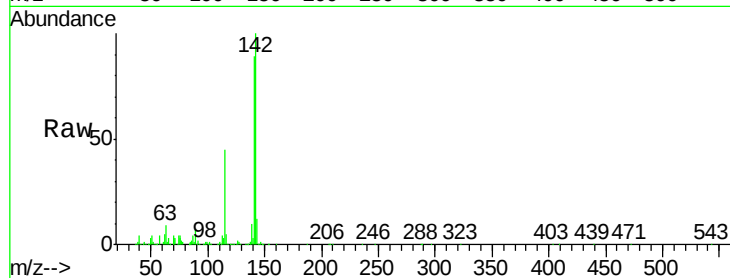




#37
2-Methylnaphthalene
Concen: 20.56 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

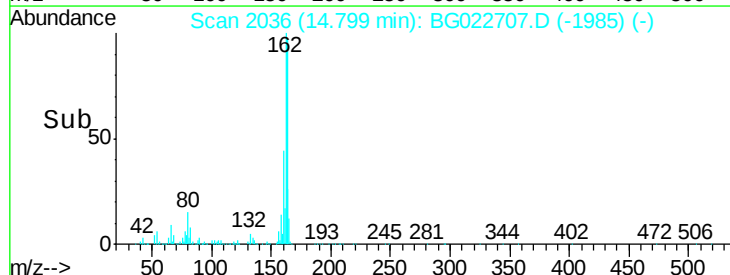
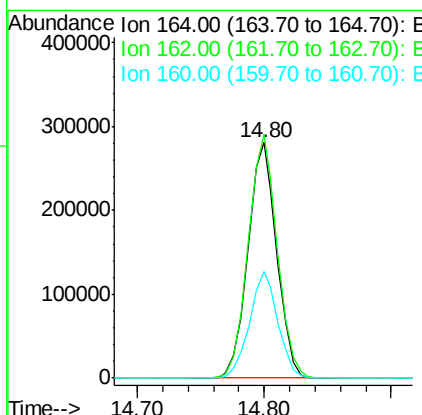
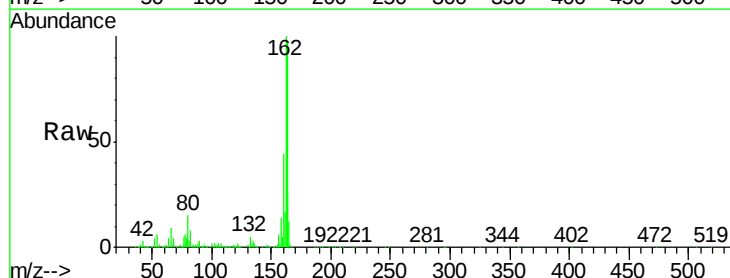
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.2
115	45.0	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.7	131.5
160	45.5	37.2	55.8

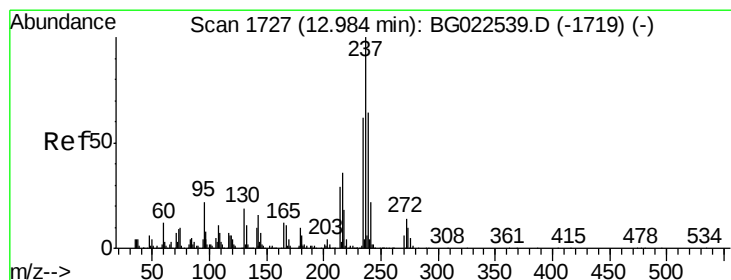
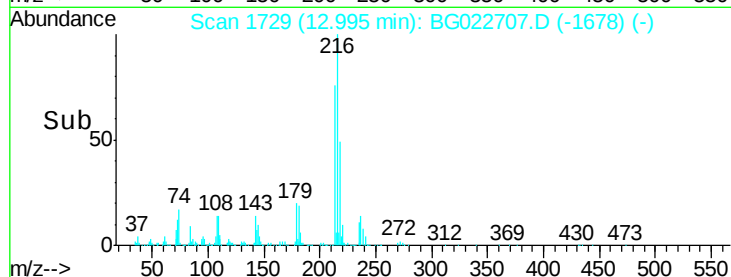
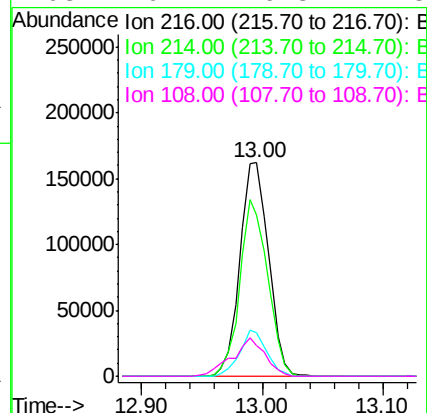
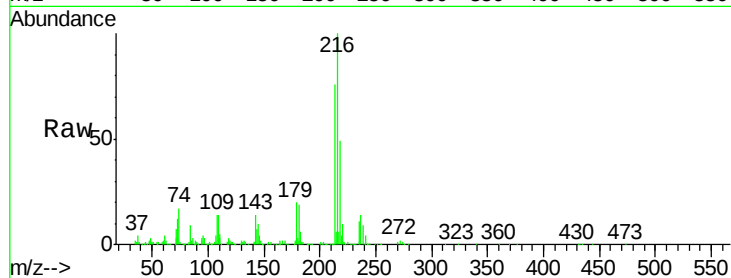




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 16.19 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

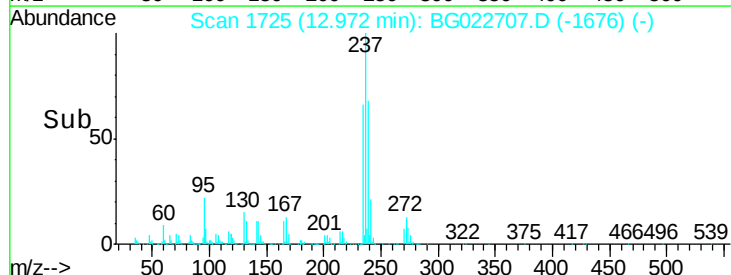
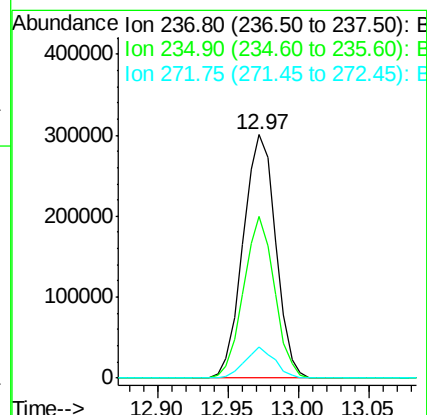
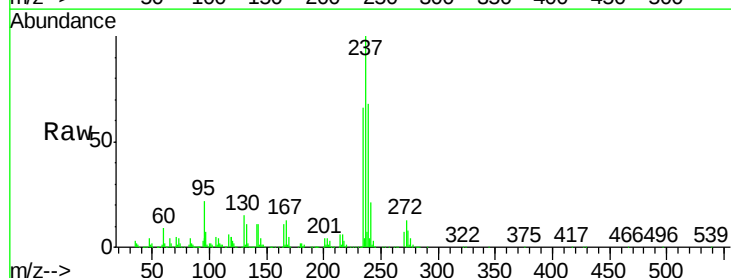
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

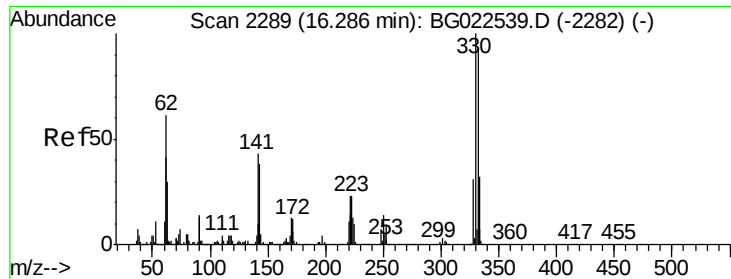
Tgt Ion:	216	Resp:	269091
Ion	Ratio	Lower	Upper
216	100		
214	80.2	62.9	94.3
179	20.1	17.2	25.8
108	20.4	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 36.54 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion:	237	Resp:	484690
Ion	Ratio	Lower	Upper
237	100		
235	66.3	43.1	83.1
272	12.7	0.0	30.9

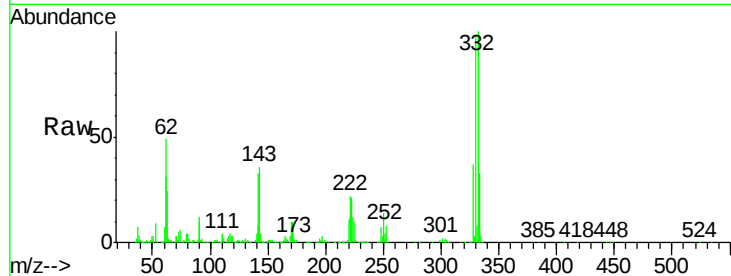




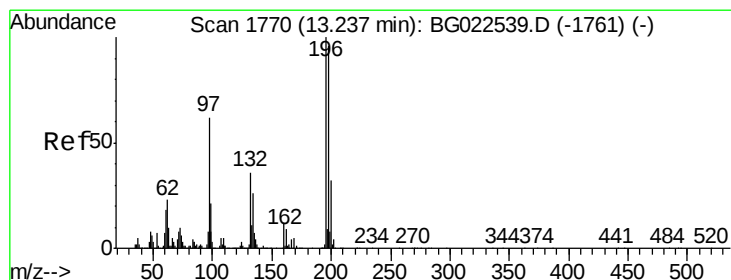
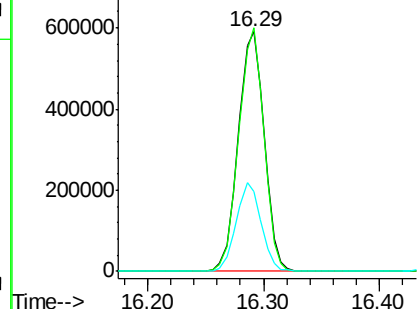
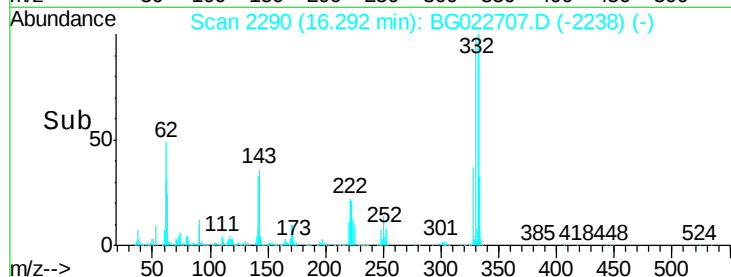
#41
 2,4,6-Tribromophenol
 Concen: 132.58 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

Tgt Ion:330 Resp: 917760
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.2
 141 35.8 31.7 47.5

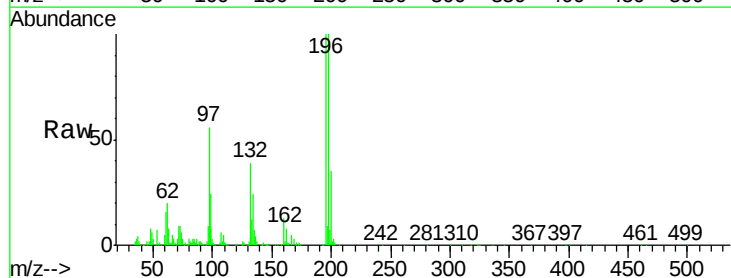


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

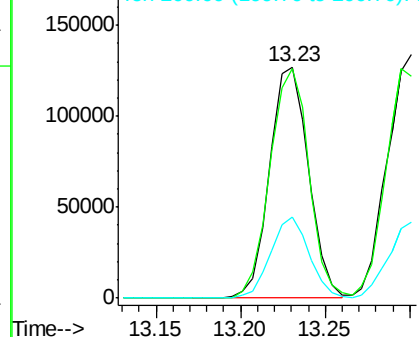
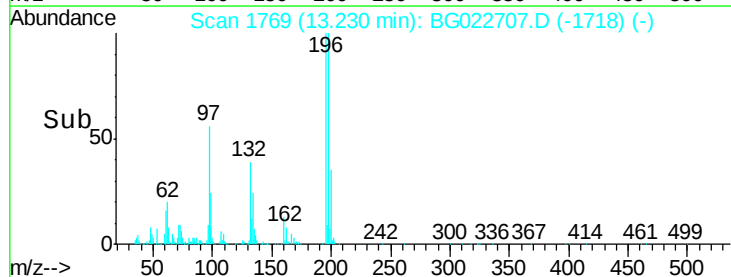


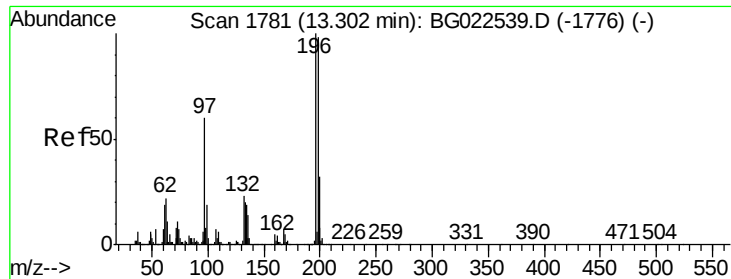
#42
 2,4,6-Trichlorophenol
 Concen: 19.03 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion:196 Resp: 202772
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.2 117.2
 200 35.1 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

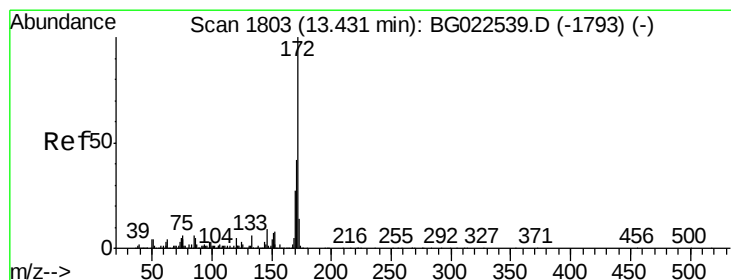
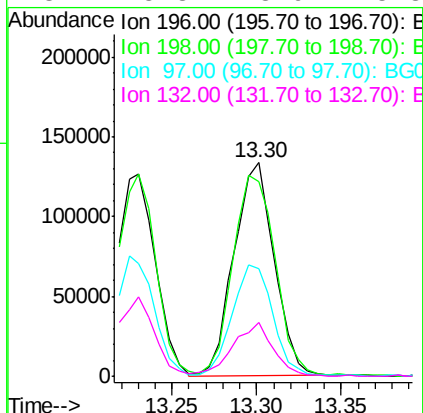
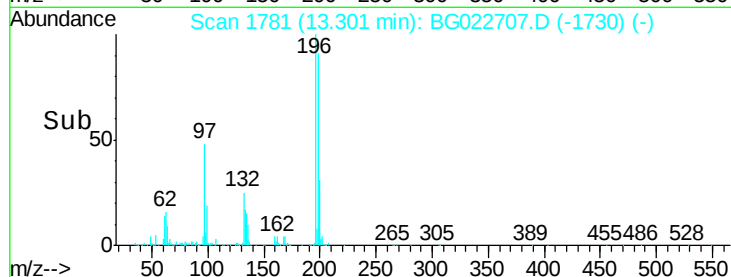
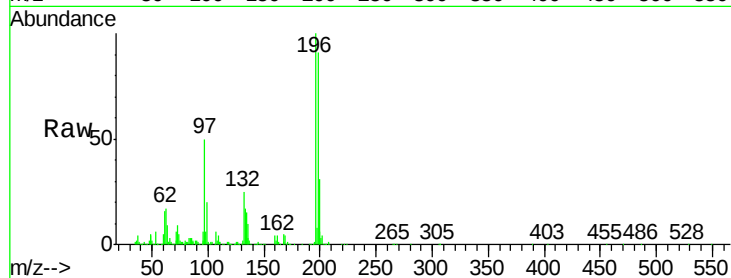




#43
2,4,5-Trichlorophenol
Concen: 19.90 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

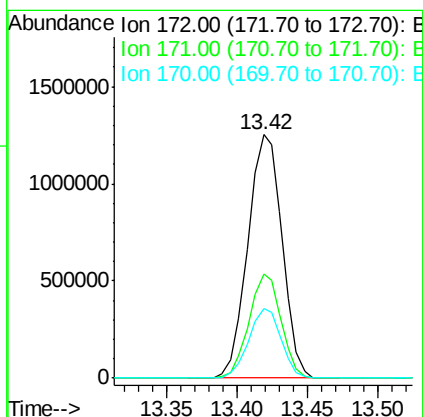
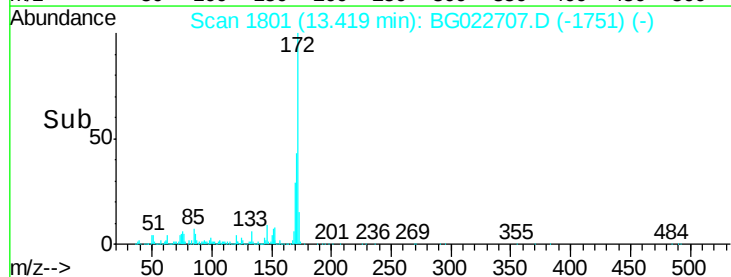
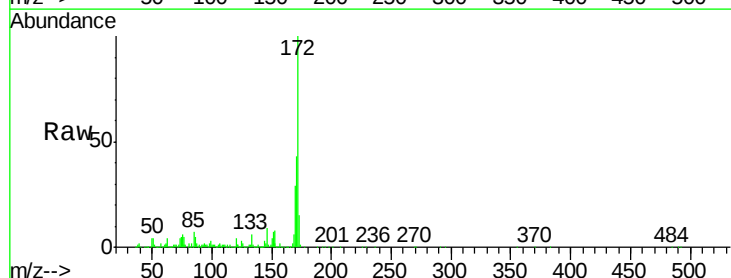
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

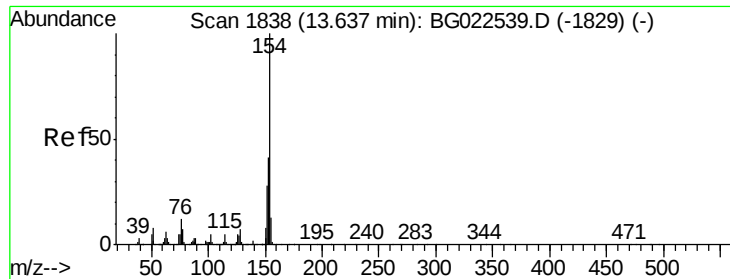
Tgt Ion:	196	Resp:	221873
Ion	Ratio	Lower	Upper
196	100		
198	91.0	85.7	128.5
97	50.4	45.5	68.3
132	25.3	18.9	28.3



#44
2-Fluorobiphenyl
Concen: 76.72 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:	172	Resp:	2129259
Ion	Ratio	Lower	Upper
172	100		
171	43.0	31.6	47.4
170	28.6	21.3	31.9

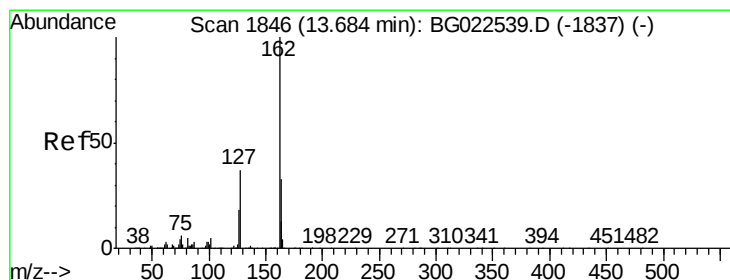
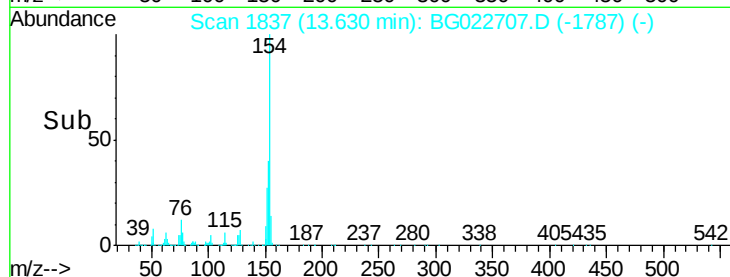
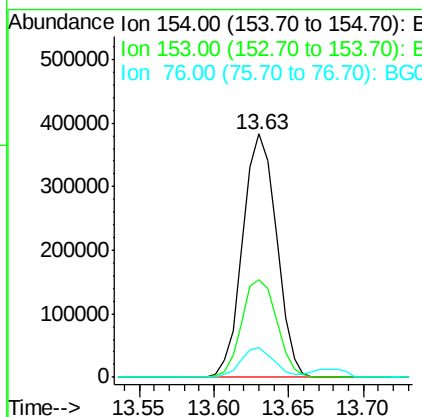
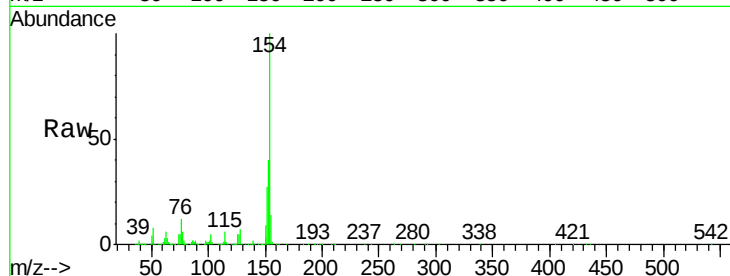




#45
 1,1'-Biphenyl
 Concen: 17.94 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

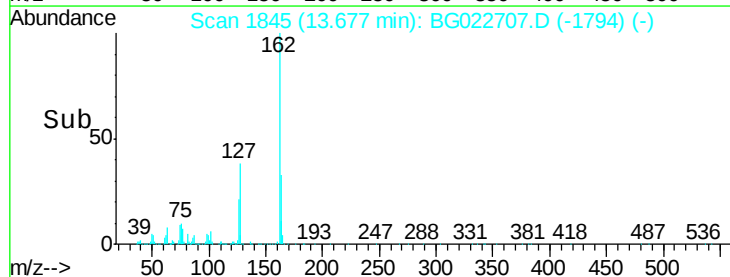
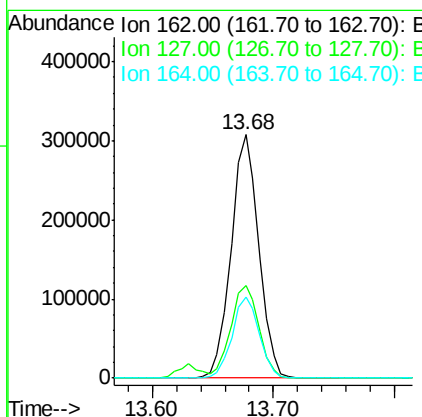
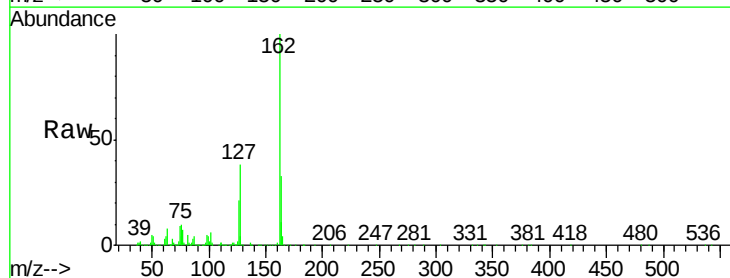
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

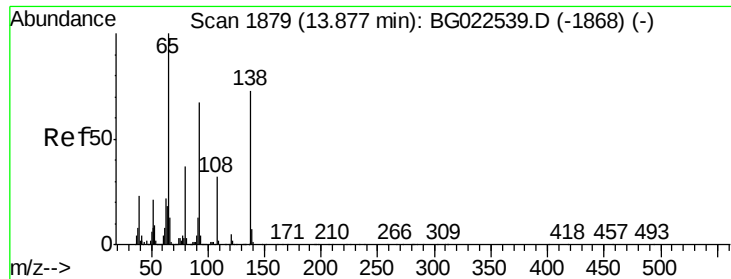
Tgt Ion:	154	Resp:	601452
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.2	60.2
76	12.1	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 17.77 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion:	162	Resp:	490116
Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.4	48.6
164	33.1	25.2	37.8

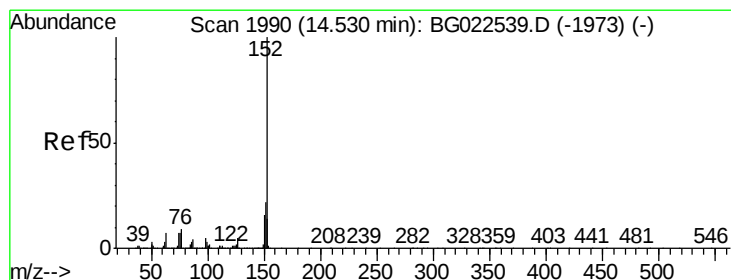
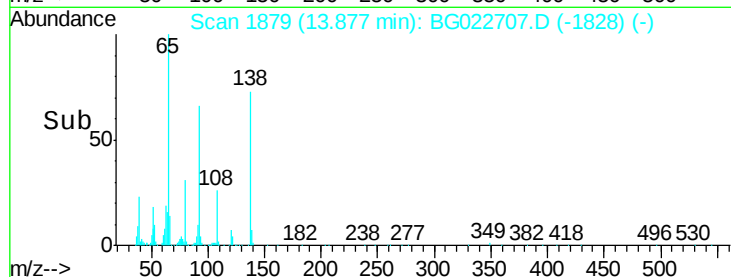
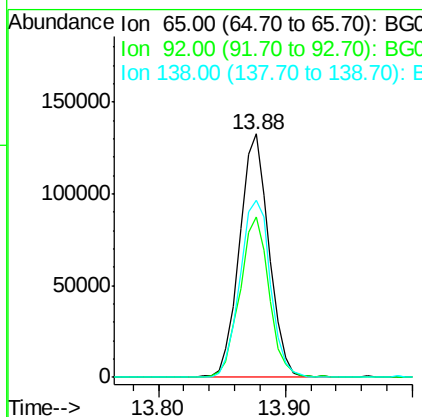
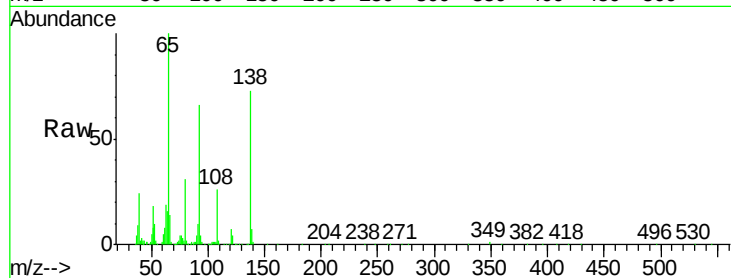




#47
2-Nitroaniline
Concen: 19.97 ng
RT: 13.88 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

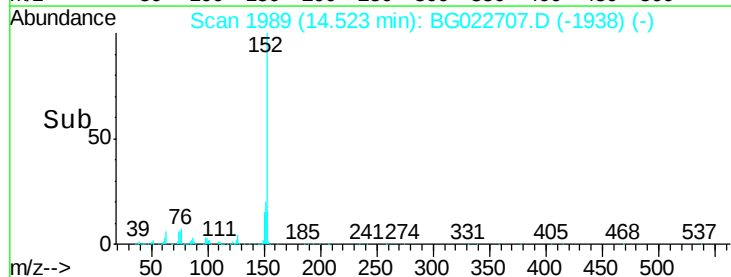
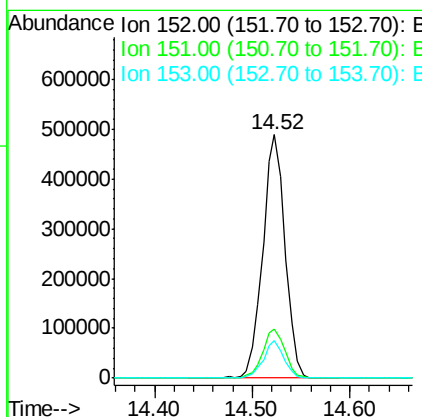
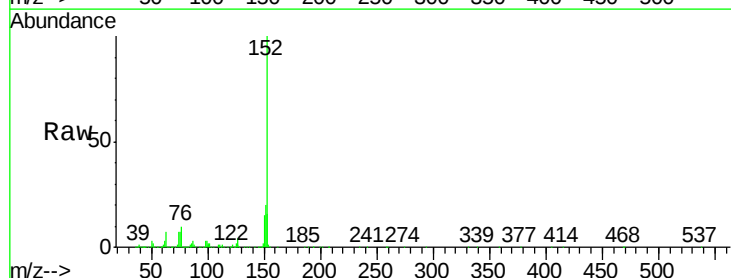
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

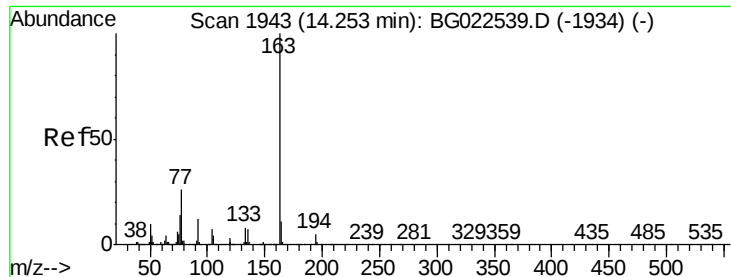
Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	49.4	74.0
138	72.6	58.0	87.0



#48
Acenaphthylene
Concen: 19.65 ng
RT: 14.52 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.6	26.4
153	15.5	11.4	17.2





#49

Dimethylphthalate

Concen: 22.33 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

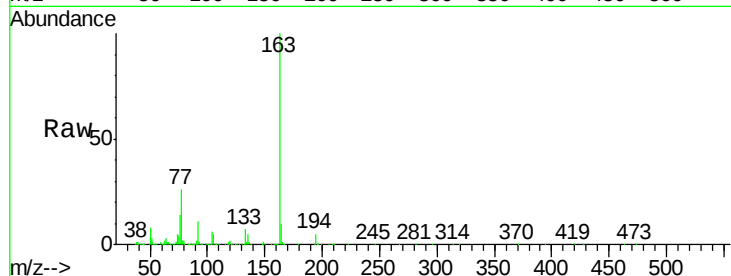
Tgt Ion:163 Resp: 815291

Ion Ratio Lower Upper

163 100

194 5.4 3.6 5.4#

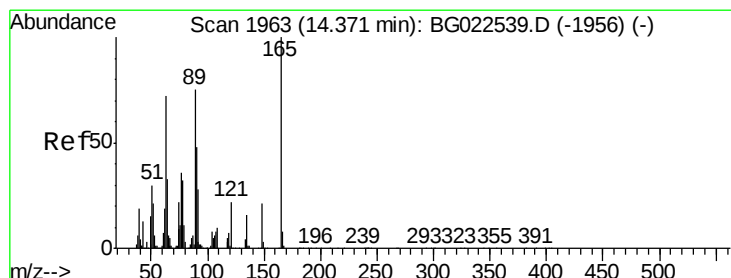
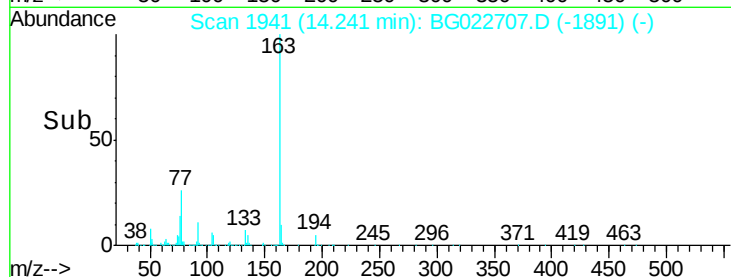
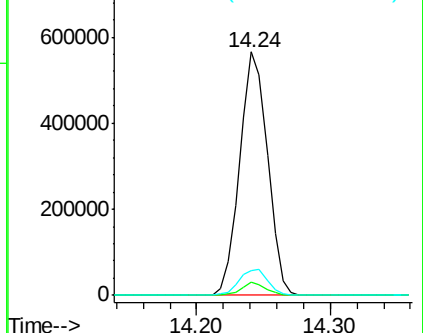
164 10.4 8.1 12.1



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: 21.09 ng

RT: 14.36 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

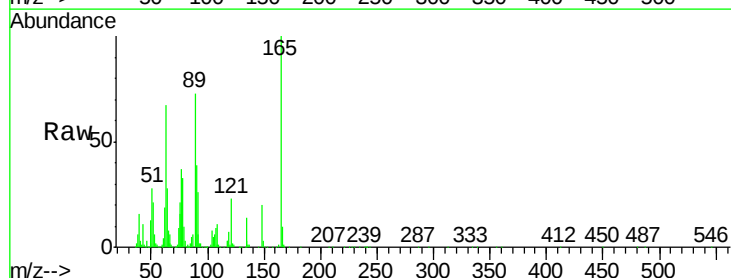
Tgt Ion:165 Resp: 167336

Ion Ratio Lower Upper

165 100

63 67.3 64.3 96.5

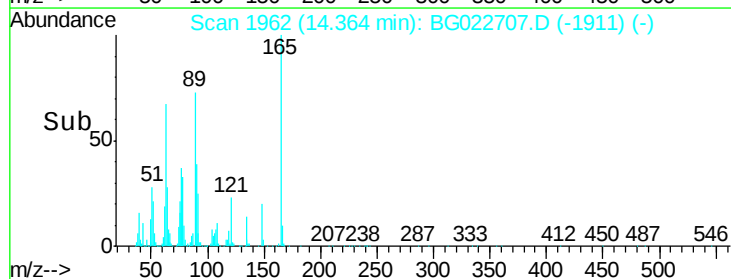
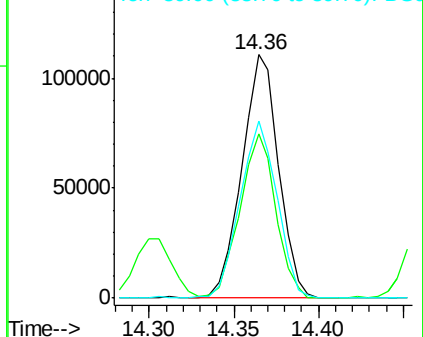
89 72.6 64.3 96.5

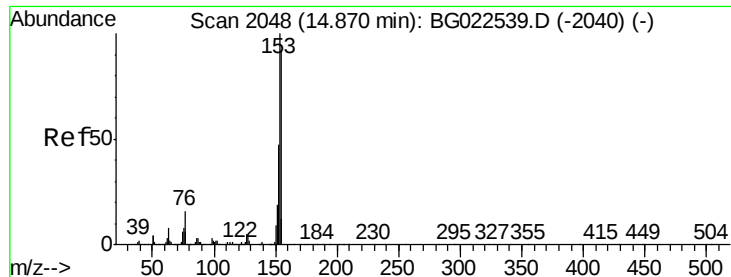


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 18.35 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

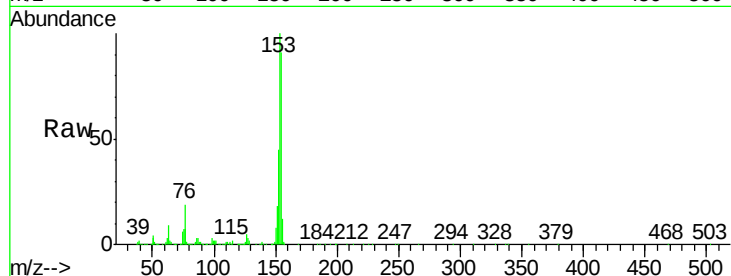
Tgt Ion:154 Resp: 540877

Ion Ratio Lower Upper

154 100

153 109.5 87.5 131.3

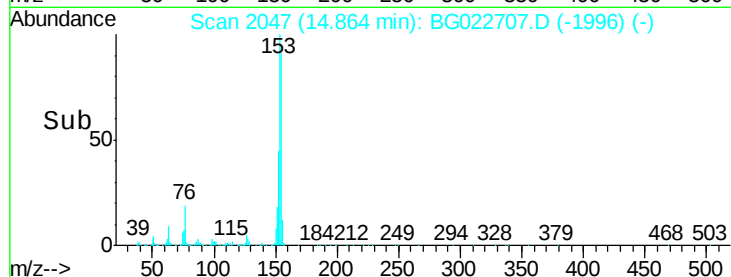
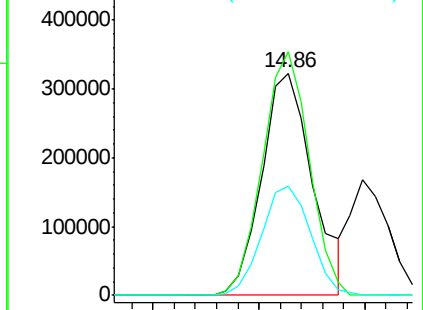
152 49.0 42.7 64.1



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: 15.02 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

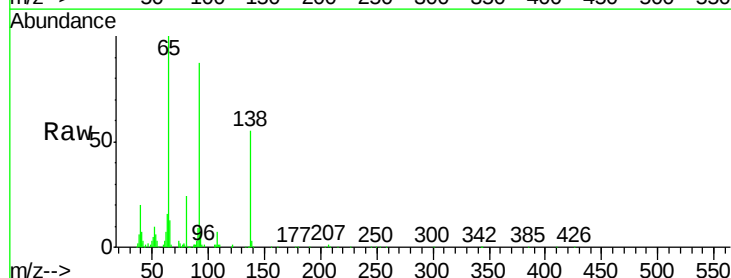
Tgt Ion:138 Resp: 111488

Ion Ratio Lower Upper

138 100

108 13.5 11.7 17.5

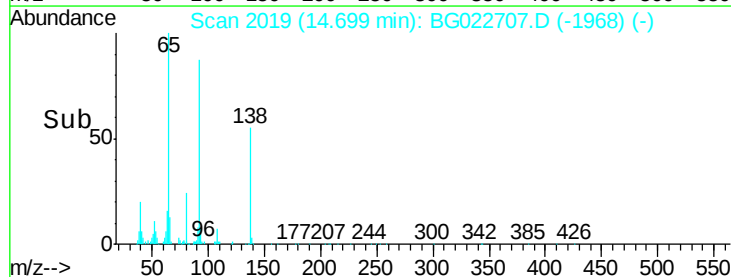
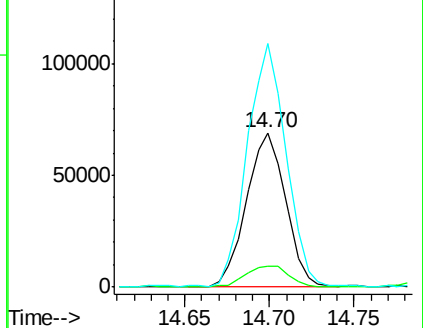
92 157.5 129.7 194.5

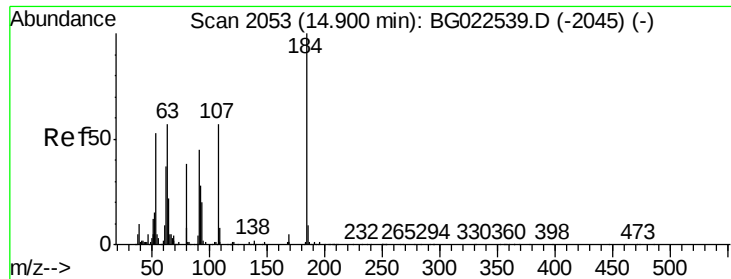


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 65.36 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

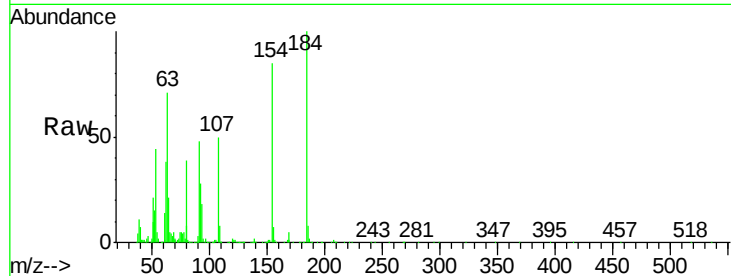
Tgt Ion:184 Resp: 319385

Ion Ratio Lower Upper

184 100

63 71.3 59.6 89.4

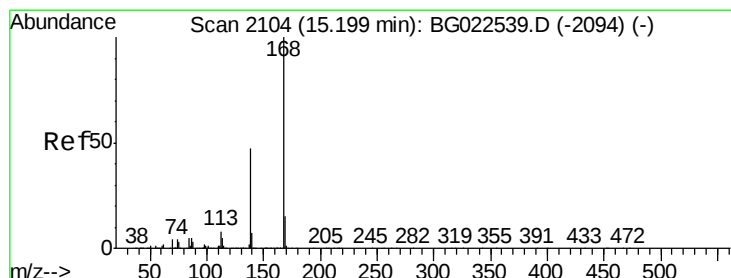
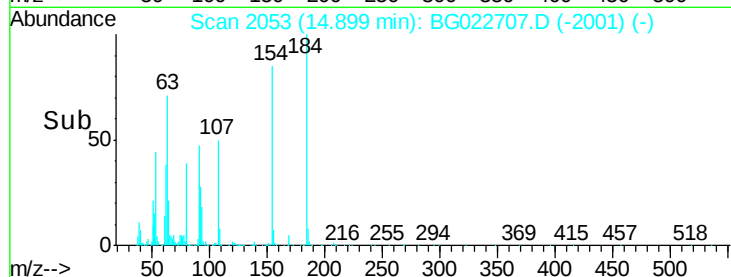
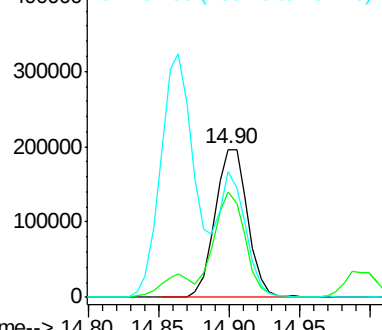
154 85.2 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 20.37 ng

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

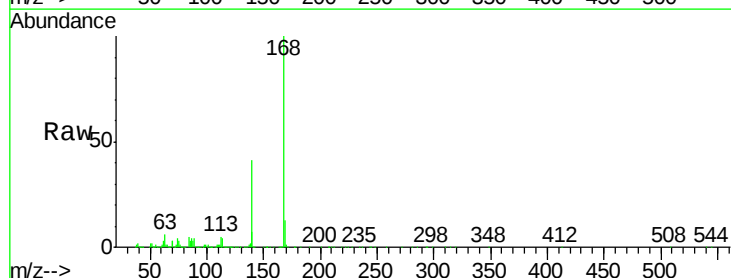
Tgt Ion:168 Resp: 869798

Ion Ratio Lower Upper

168 100

139 41.1 36.4 54.6

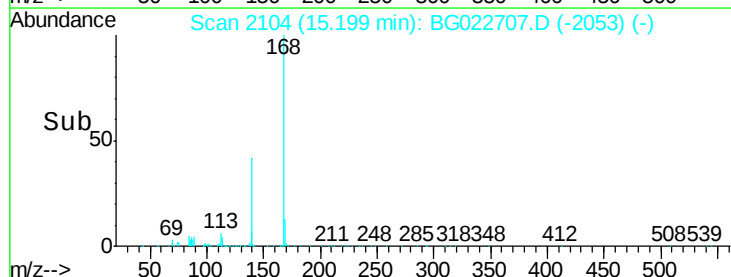
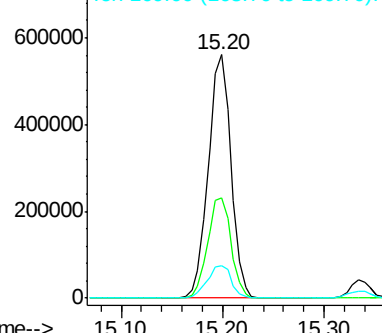
169 13.1 11.9 17.9

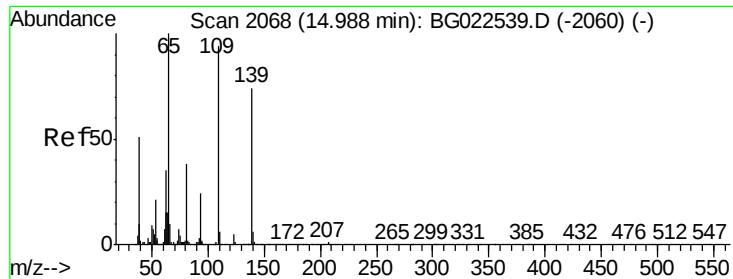


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

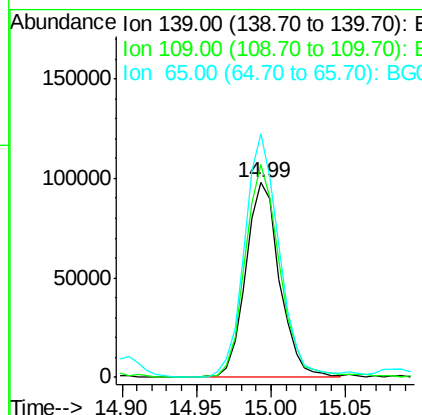
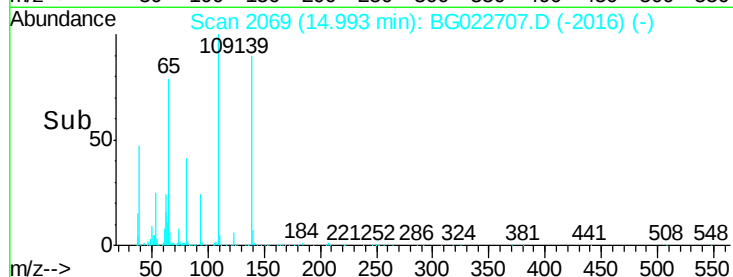
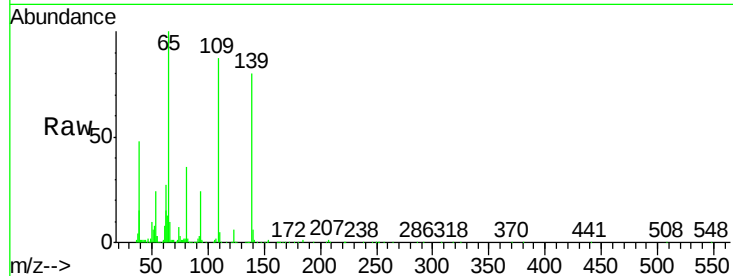




#55
4-Nitrophenol
Concen: 24.44 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

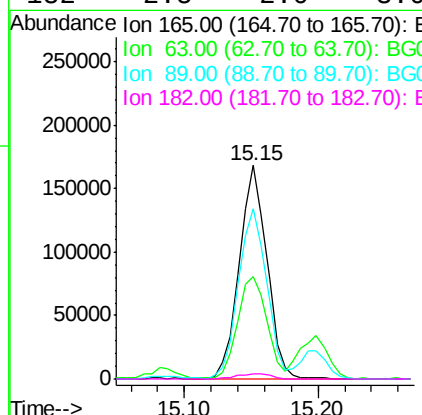
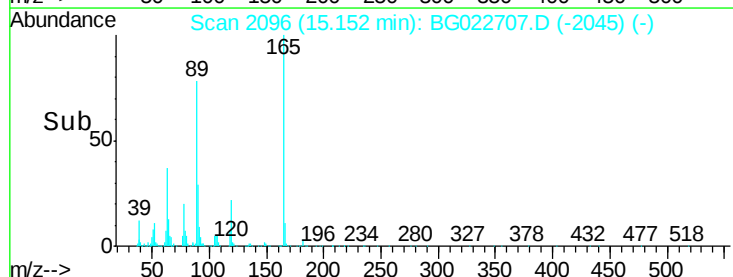
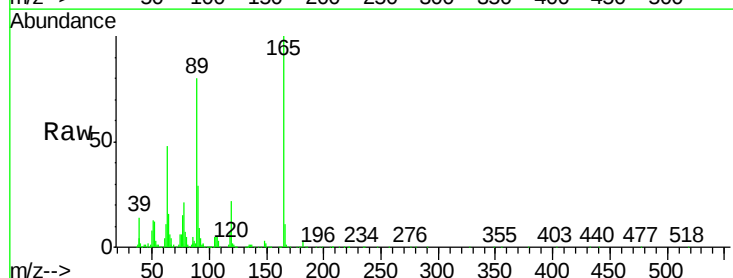
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

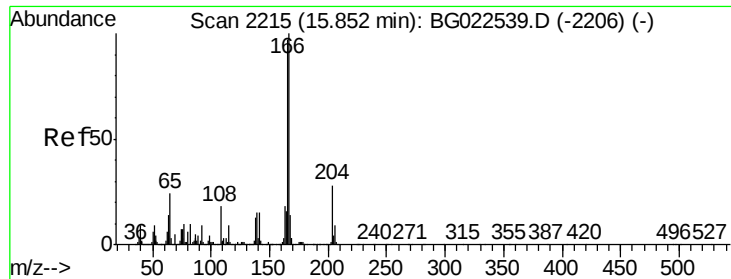
Tgt Ion:139 Resp: 153392
Ion Ratio Lower Upper
139 100
109 109.3 103.0 143.0
65 125.2 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 21.95 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:165 Resp: 241232
Ion Ratio Lower Upper
165 100
63 48.1 45.8 68.6
89 79.9 68.6 102.8
182 2.5 2.0 3.0

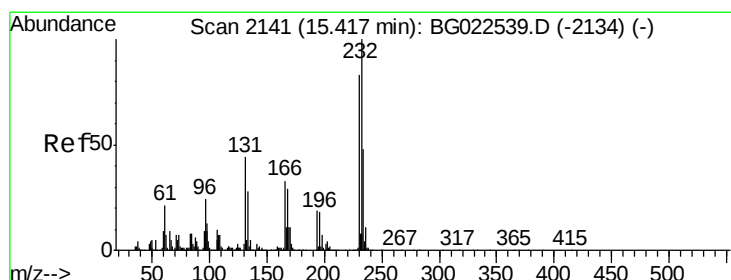
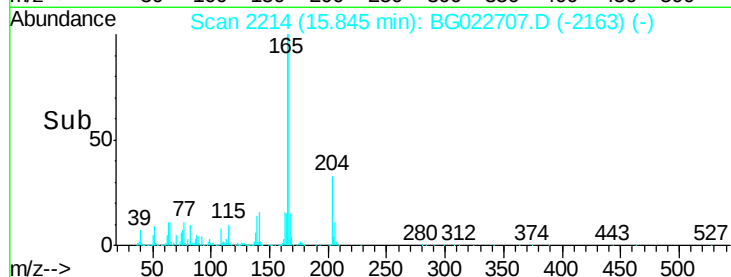
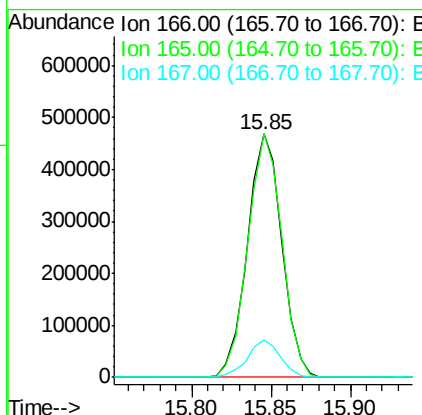
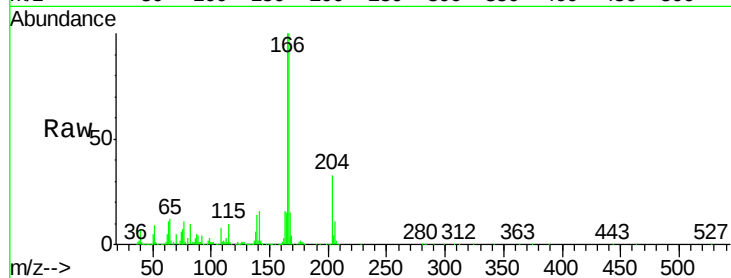




#57
Fluorene
 Concen: 20.71 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

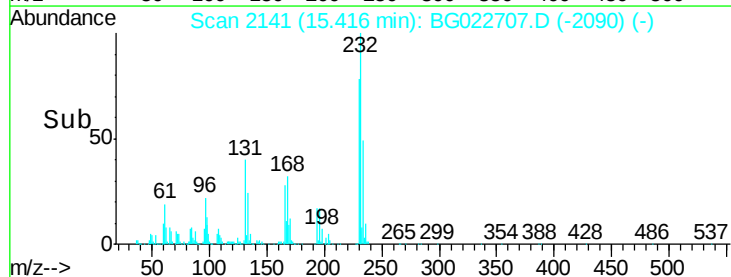
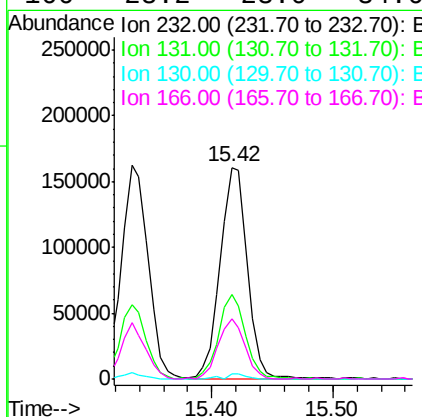
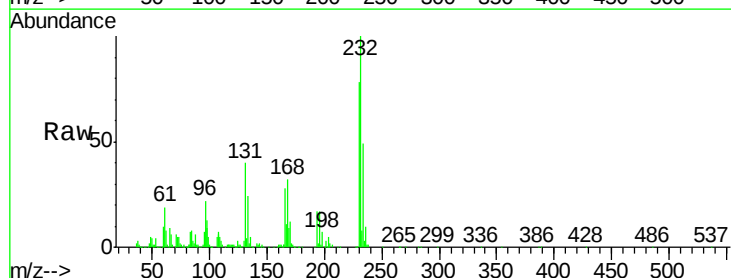
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

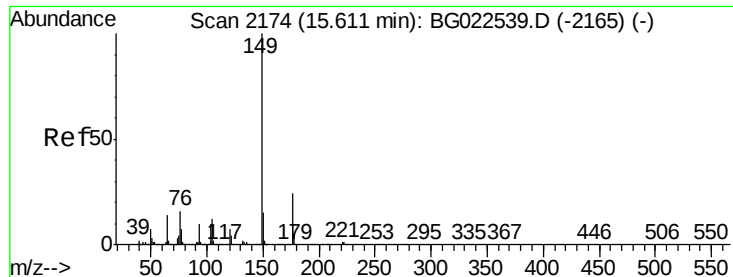
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	81.0	121.6
167	15.2	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 21.55 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.1	32.7	49.1
130	2.0	2.6	3.8
166	28.2	23.0	34.6





#59

Diethylphthalate

Concen: 21.75 ng

RT: 15.60 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

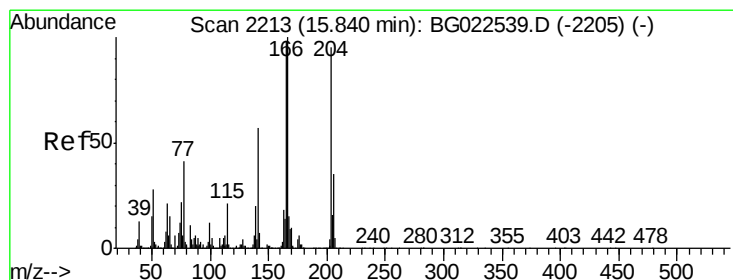
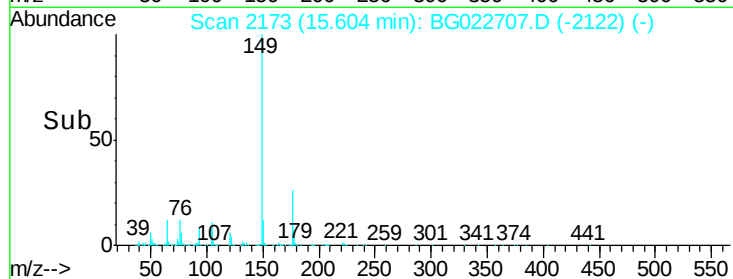
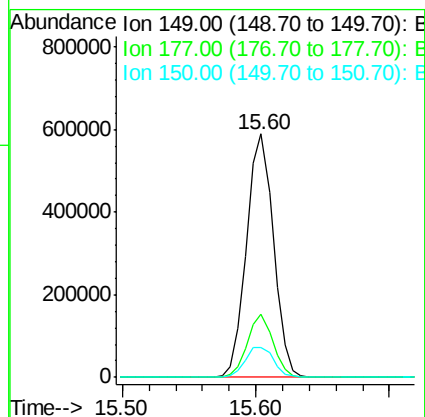
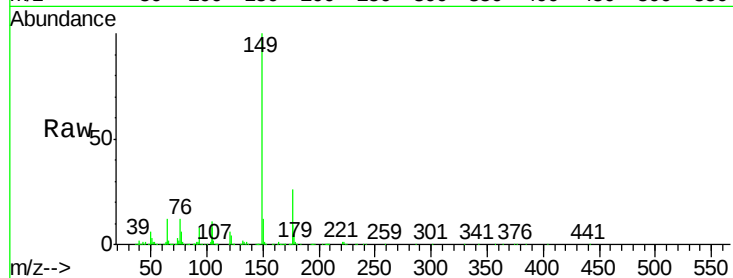
Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

Tgt Ion:	149	Resp:	816236
Ion	Ratio	Lower	Upper
149	100		
177	26.0	19.2	28.8
150	12.2	10.6	16.0



#60

4-Chlorophenyl-phenylether

Concen: 21.03 ng

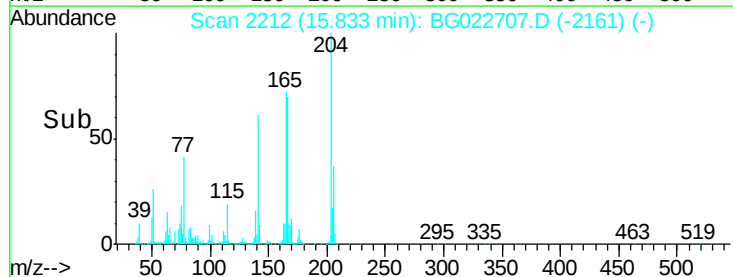
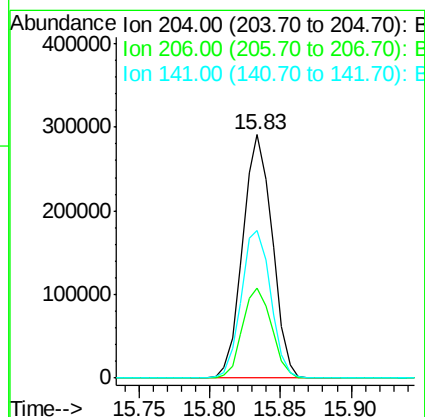
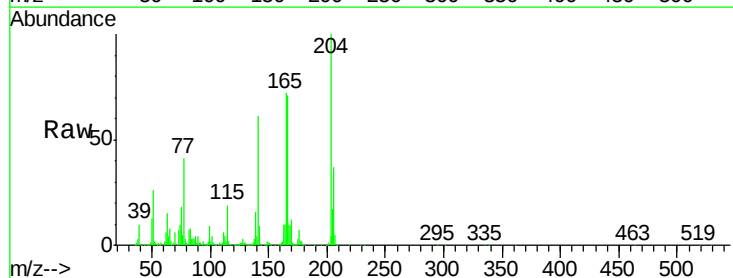
RT: 15.83 min Scan# 2212

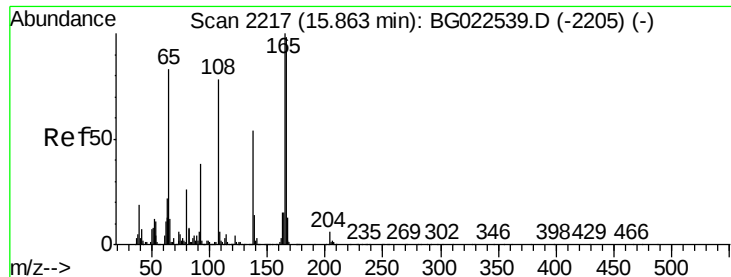
Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Tgt Ion:	204	Resp:	426622
Ion	Ratio	Lower	Upper
204	100		
206	36.9	28.5	42.7
141	60.6	51.4	77.0

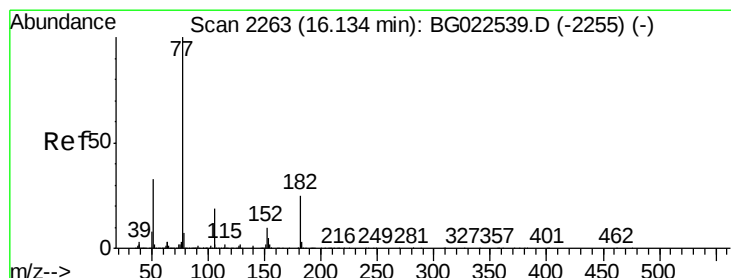
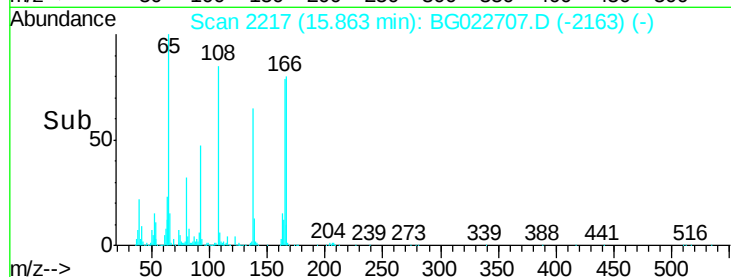
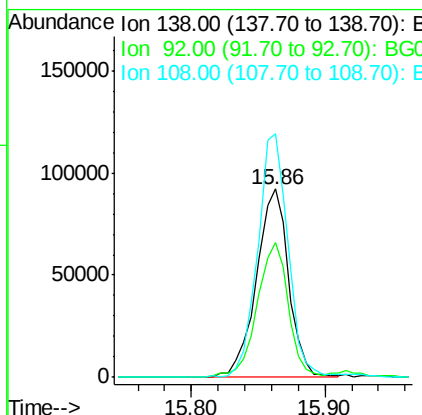
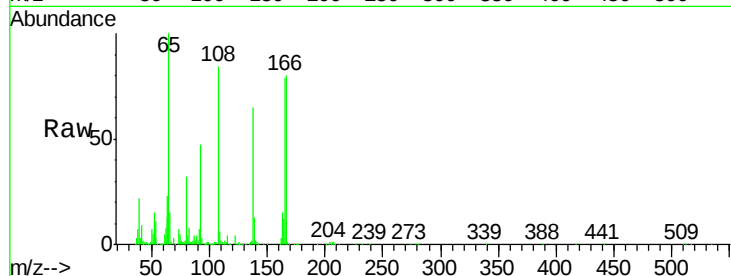




#61
4-Nitroaniline
Concen: 20.10 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

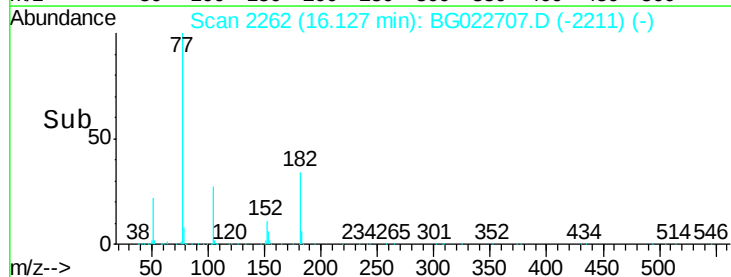
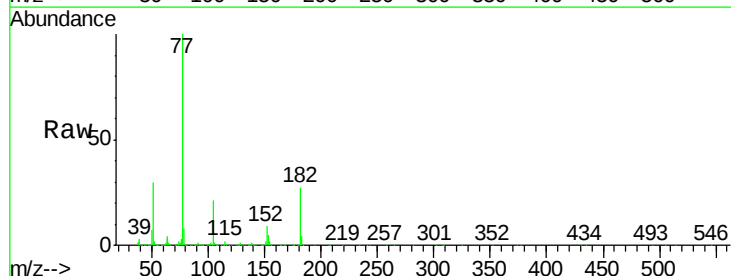
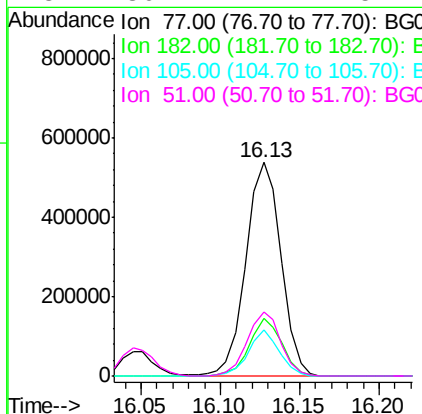
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

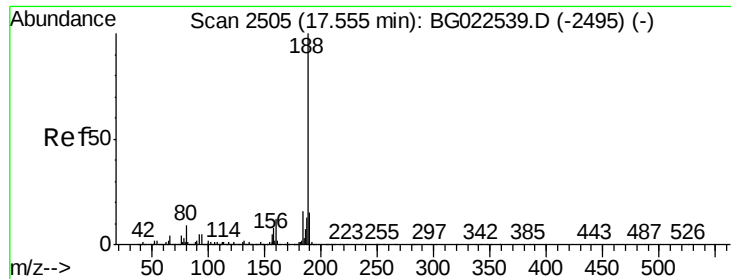
Tgt Ion:138 Resp: 153984
Ion Ratio Lower Upper
138 100
92 71.9 54.1 94.1
108 129.5 133.9 173.9#



#62
Azobenzene
Concen: 20.34 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion: 77 Resp: 826636
Ion Ratio Lower Upper
77 100
182 26.9 3.5 43.5
105 21.5 0.0 38.5
51 30.2 17.1 57.1

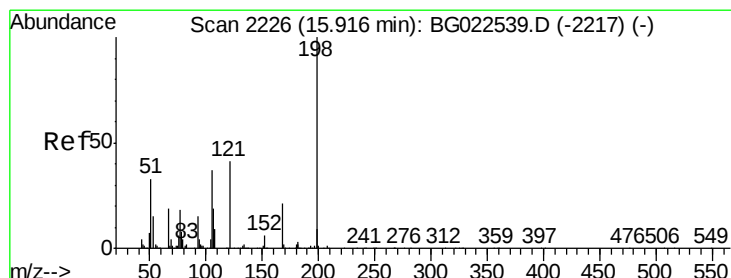
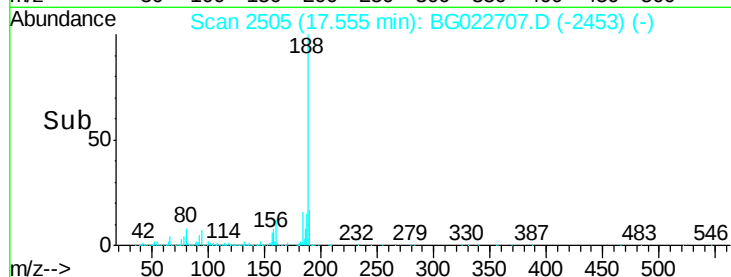
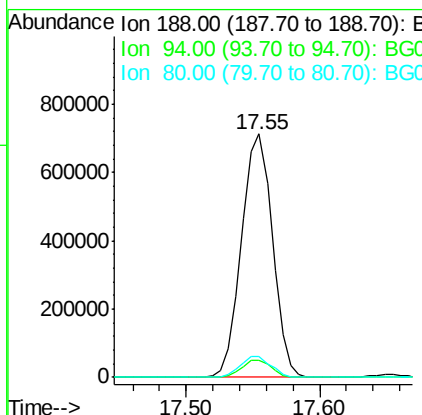
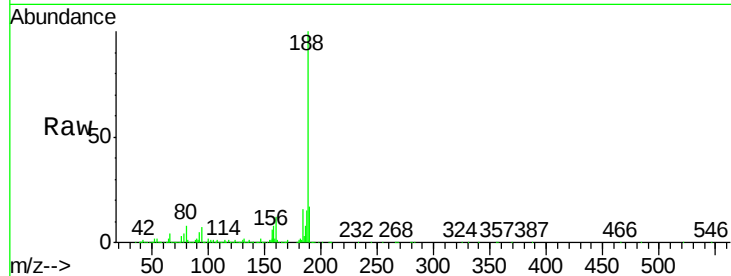




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

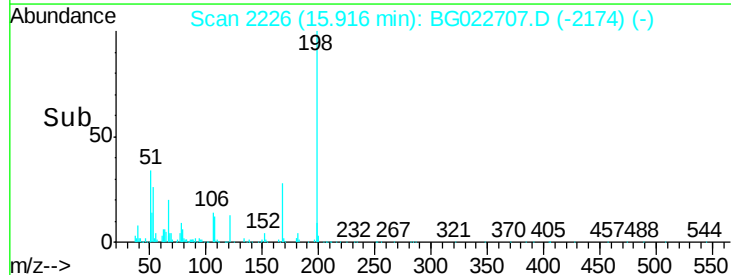
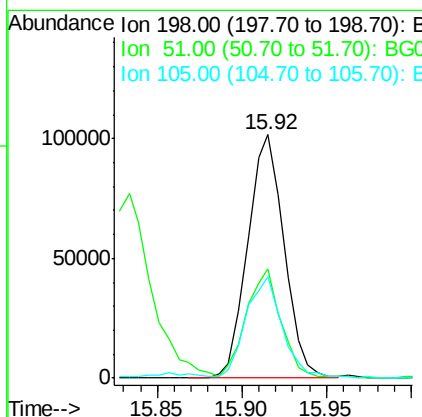
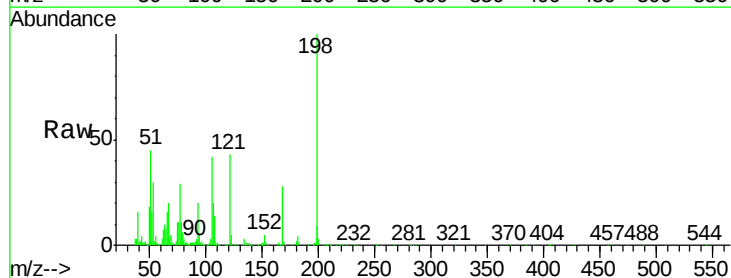
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

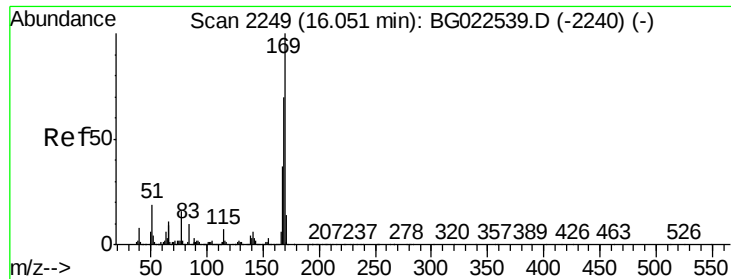
Tgt Ion:188 Resp: 1143435
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 8.5 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.86 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:198 Resp: 152290
Ion Ratio Lower Upper
198 100
51 45.0 26.0 66.0
105 41.8 20.1 60.1

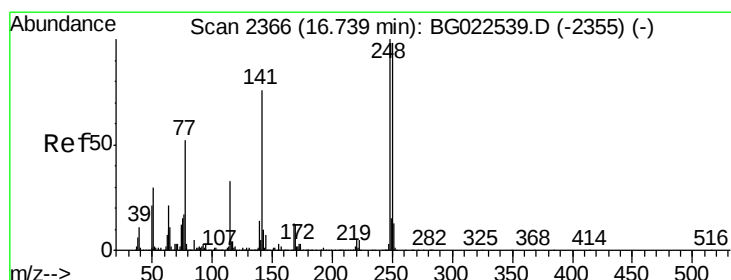
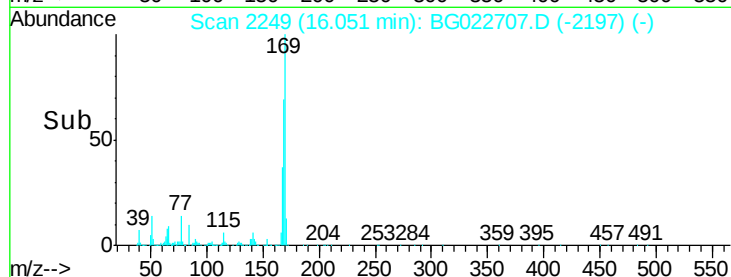
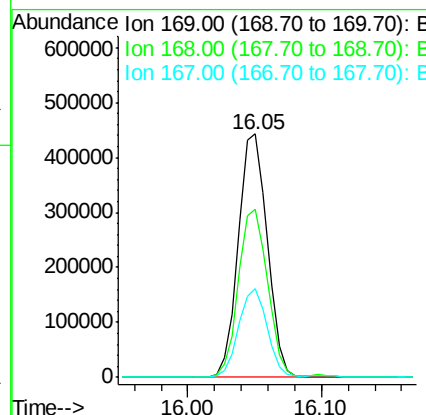
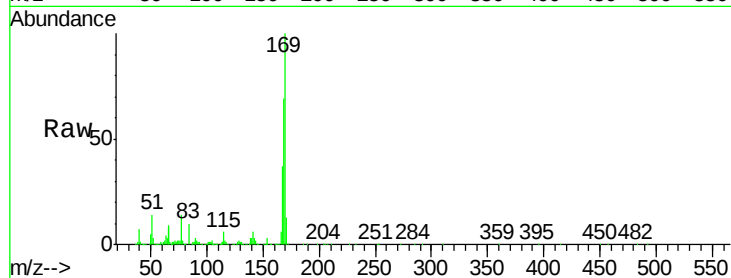




#65
n-Nitrosodiphenylamine
Concen: 20.07 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

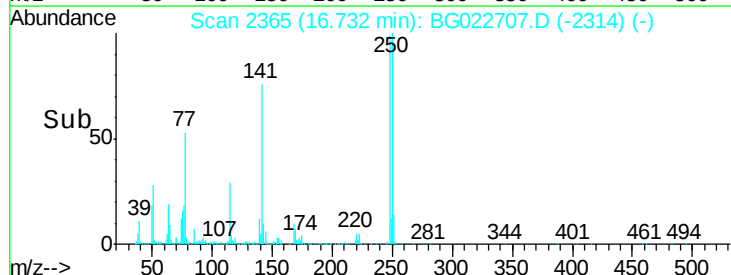
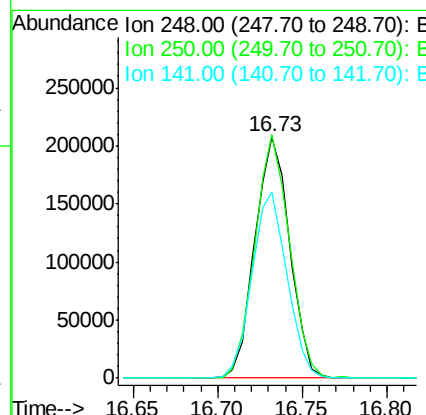
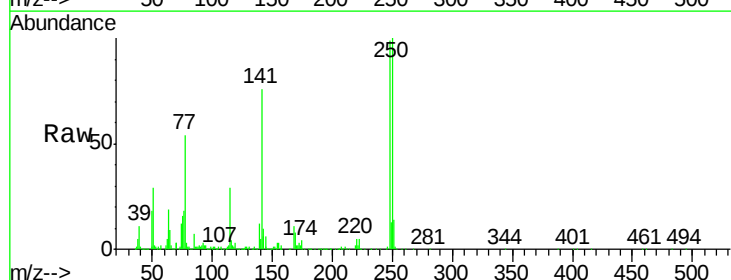
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

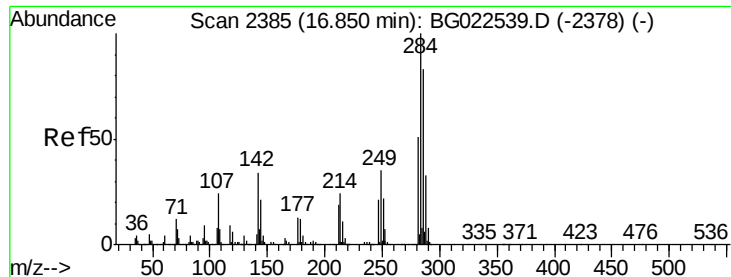
Tgt Ion:169 Resp: 667816
Ion Ratio Lower Upper
169 100
168 69.1 55.0 82.4
167 36.6 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 20.08 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:248 Resp: 297824
Ion Ratio Lower Upper
248 100
250 101.0 77.8 116.8
141 77.2 65.7 98.5





#67

Hexachlorobenzene

Concen: 20.36 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

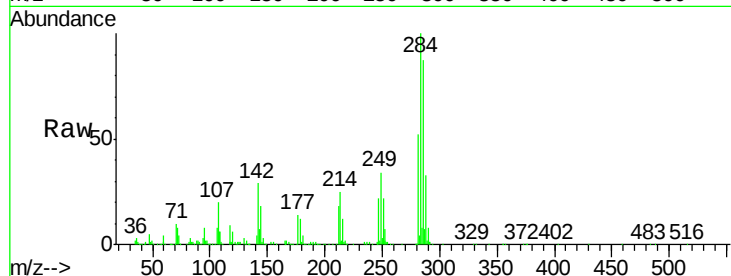
Tgt Ion:284 Resp: 319396

Ion Ratio Lower Upper

284 100

142 29.4 26.8 40.2

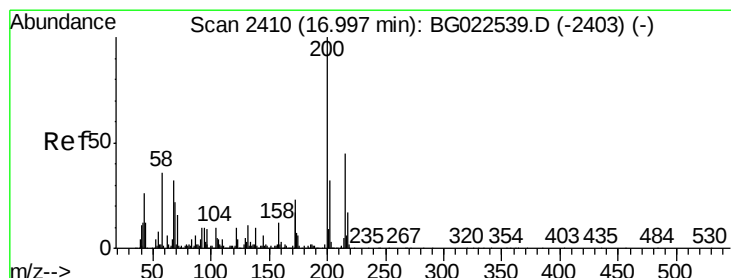
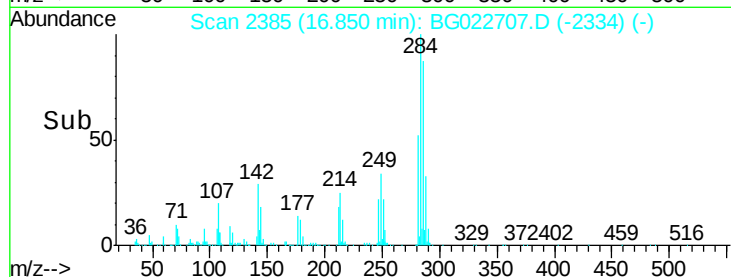
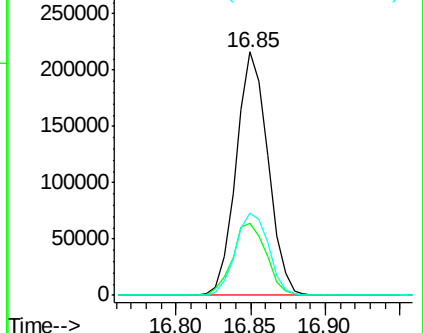
249 34.0 28.9 43.3



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: 21.07 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

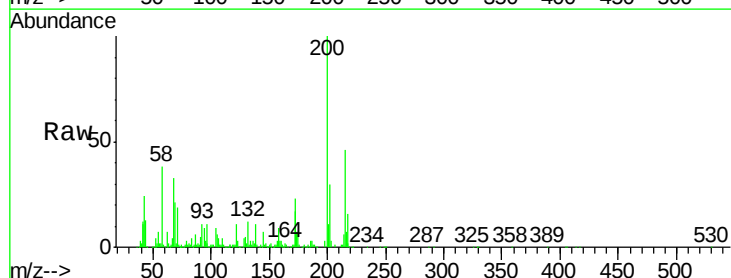
Tgt Ion:200 Resp: 296046

Ion Ratio Lower Upper

200 100

173 23.4 1.6 41.6

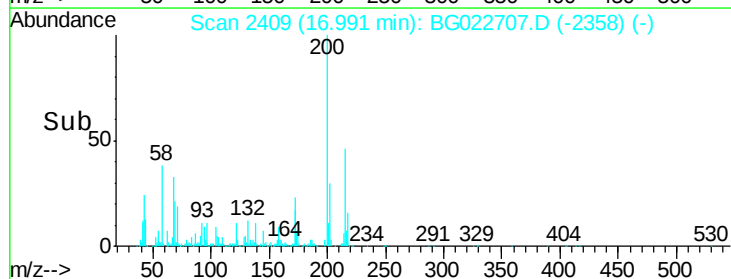
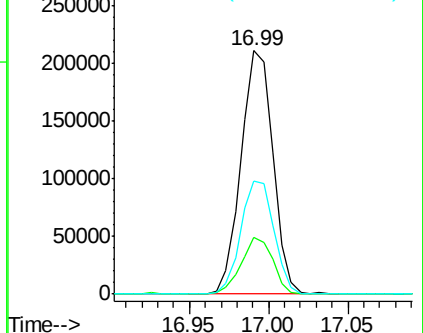
215 46.2 28.7 68.7

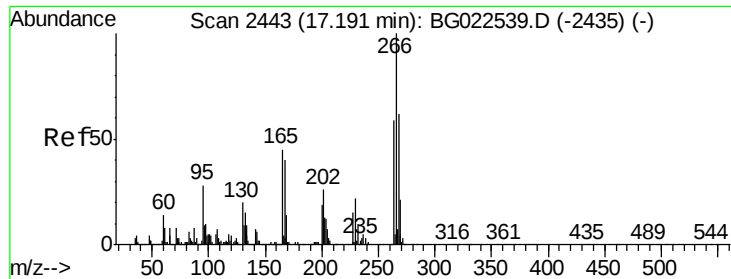


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

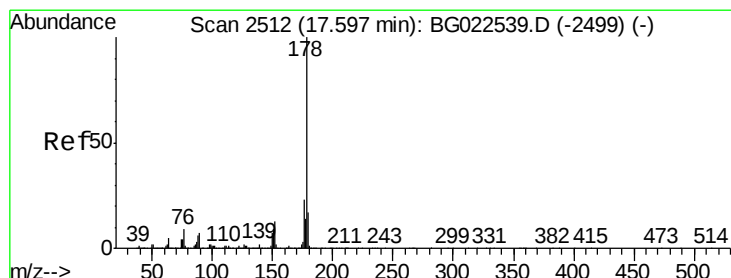
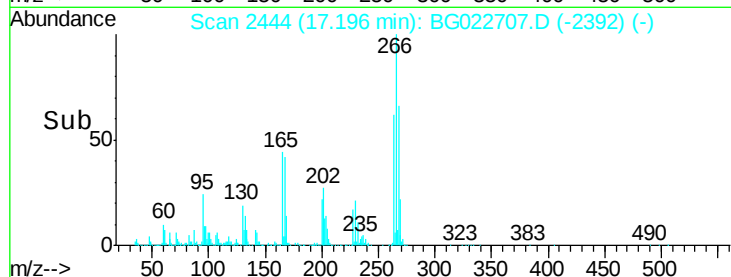
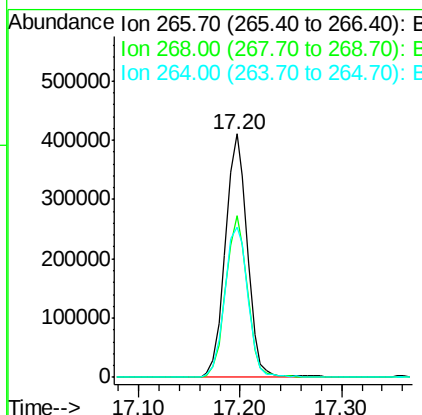
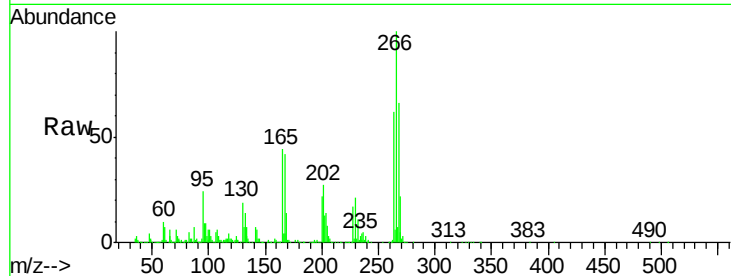




#69
Pentachlorophenol
Concen: 57.32 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

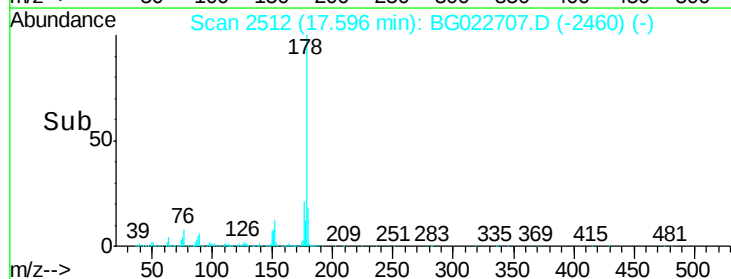
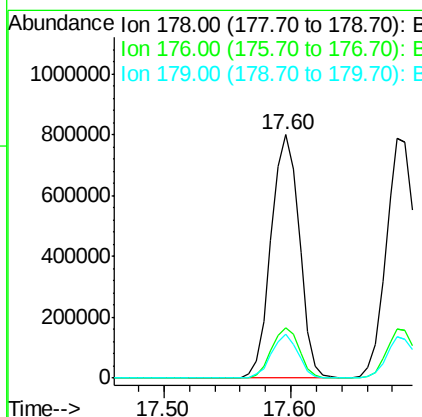
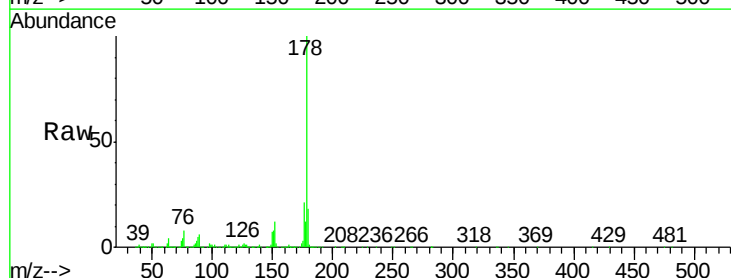
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

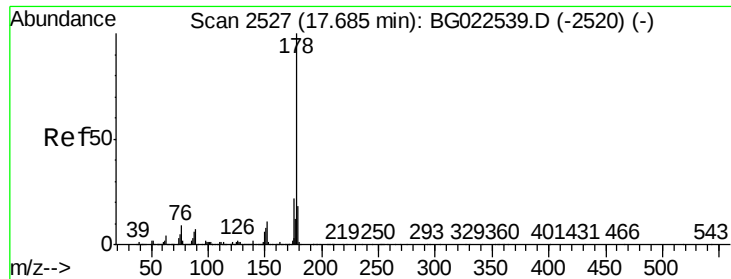
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.9	77.9
264	61.8	50.6	75.8



#70
Phenanthrene
Concen: 21.25 ng
RT: 17.60 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	17.9	14.3	21.5

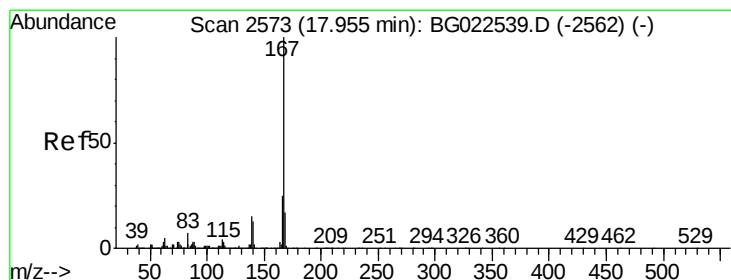
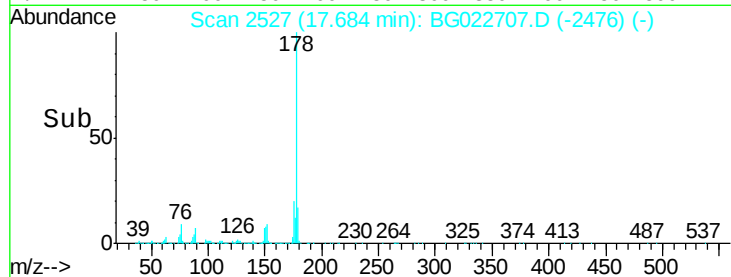
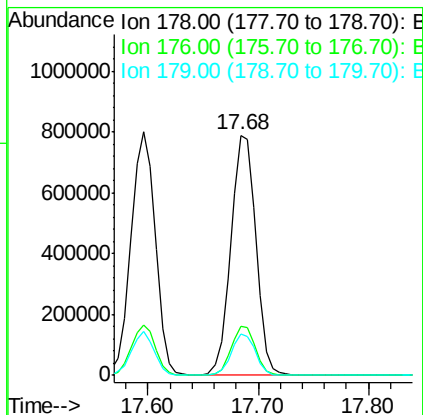
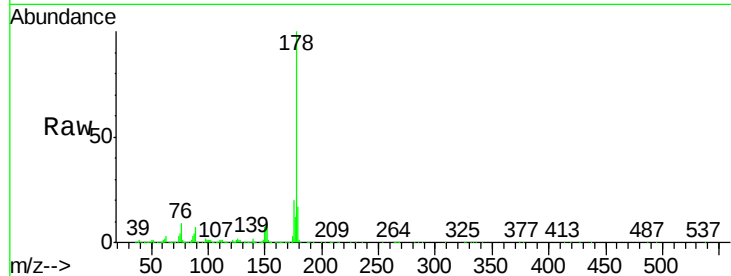




#71
 Anthracene
 Concen: 20.91 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

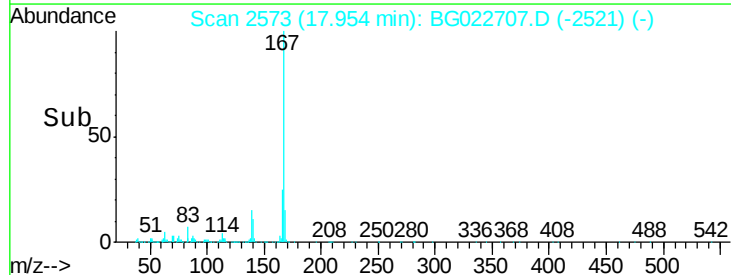
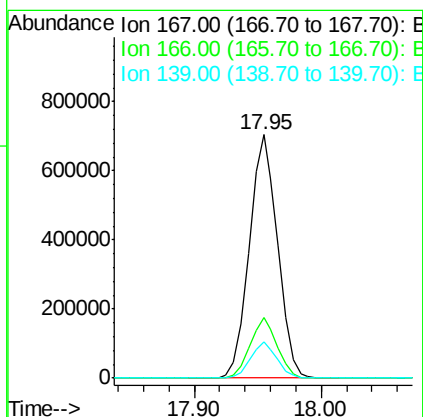
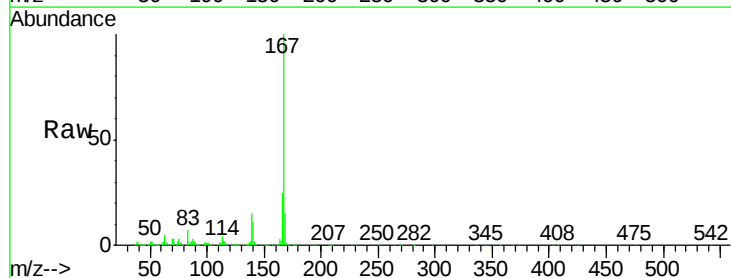
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

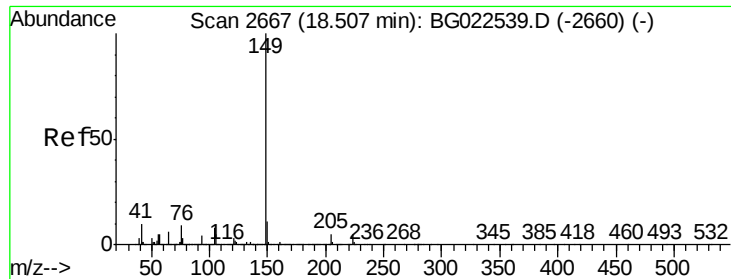
Tgt Ion:178 Resp: 1255104
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.3 25.9
 179 17.2 14.0 21.0



#72
 Carbazole
 Concen: 21.42 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion:167 Resp: 1089539
 Ion Ratio Lower Upper
 167 100
 166 24.7 20.7 31.1
 139 14.9 11.9 17.9

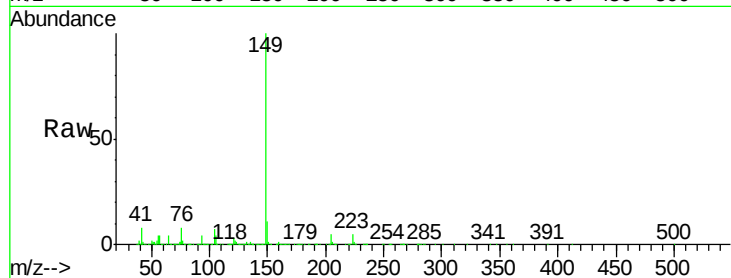




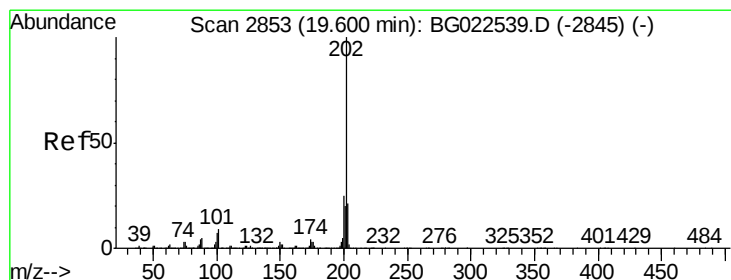
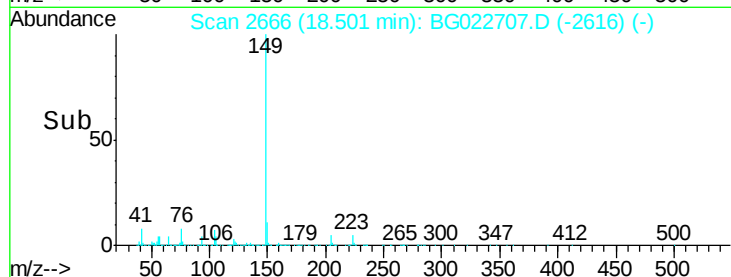
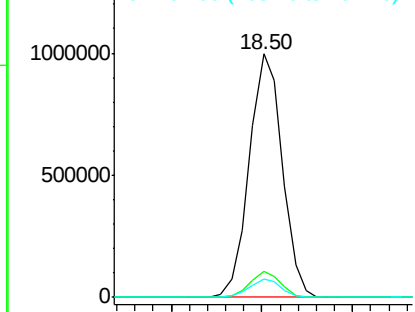
#73
Di-n-butylphthalate
Concen: 21.30 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

Tgt Ion:149 Resp: 1262051
Ion Ratio Lower Upper
149 100
150 10.5 9.1 13.7
104 7.4 6.9 10.3

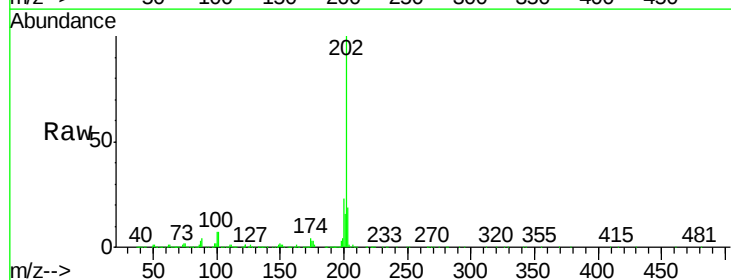


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

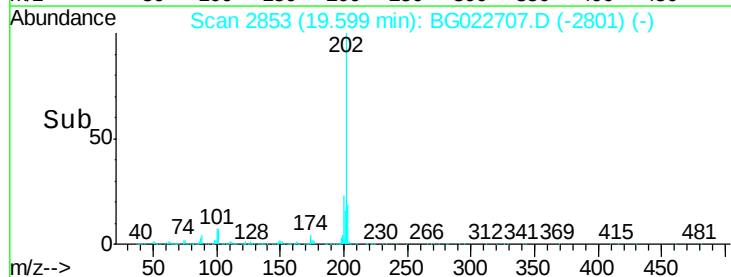
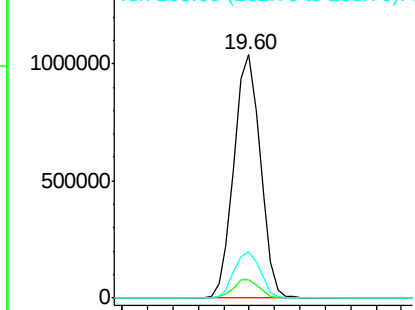


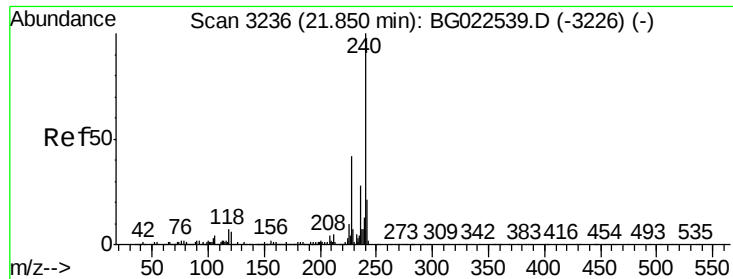
#74
Fluoranthene
Concen: 22.30 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:202 Resp: 1498161
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.4
203 19.1 1.7 41.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

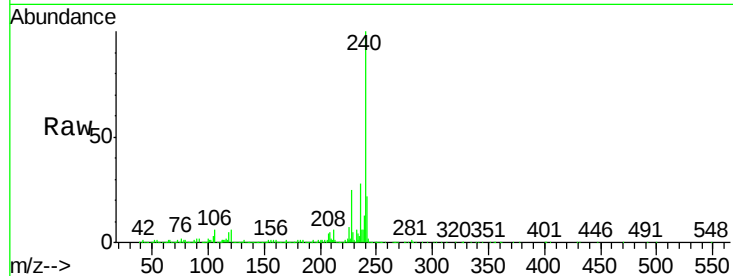
Tgt Ion:240 Resp: 1250085

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

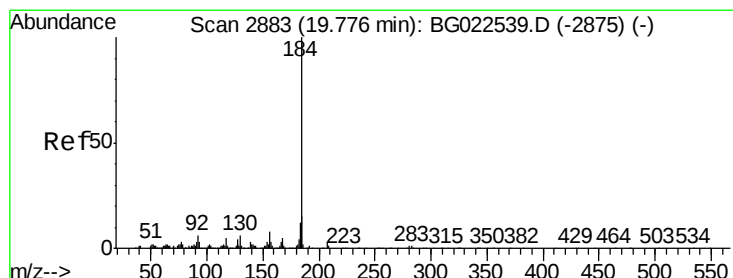
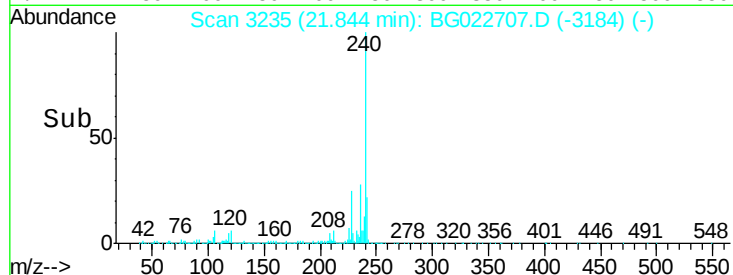
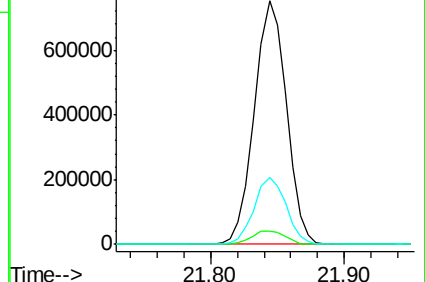
236 27.7 21.1 31.7



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: 68.71 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

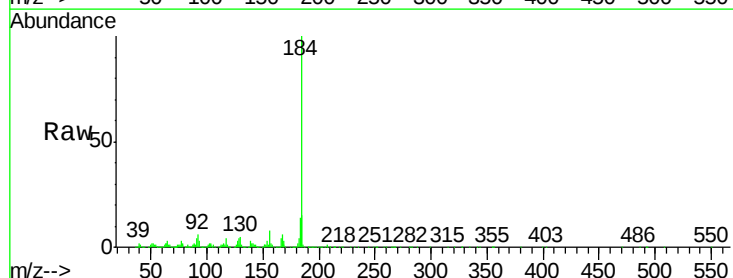
Tgt Ion:184 Resp: 914532

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

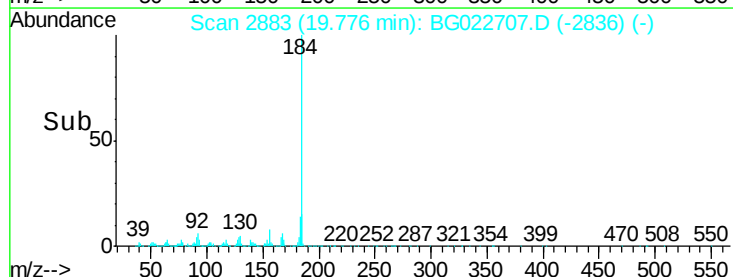
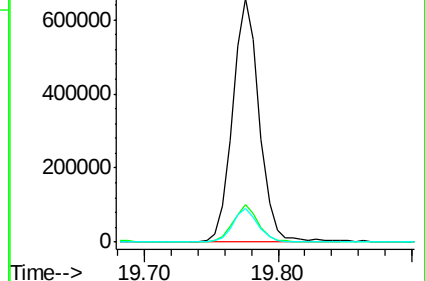
183 13.7 10.7 16.1



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

Pyrene

Concen: 22.56 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

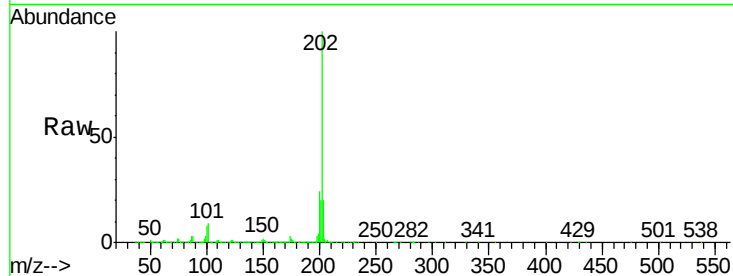
Tgt Ion:202 Resp: 1502055

Ion Ratio Lower Upper

202 100

200 23.7 21.2 31.8

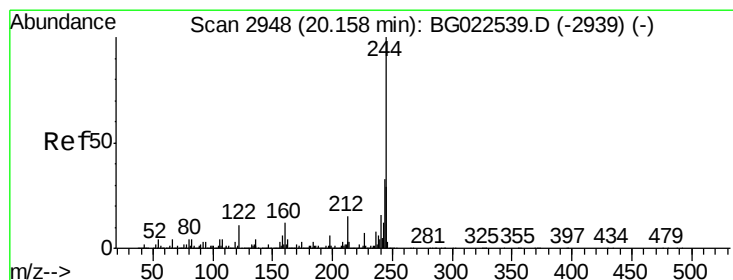
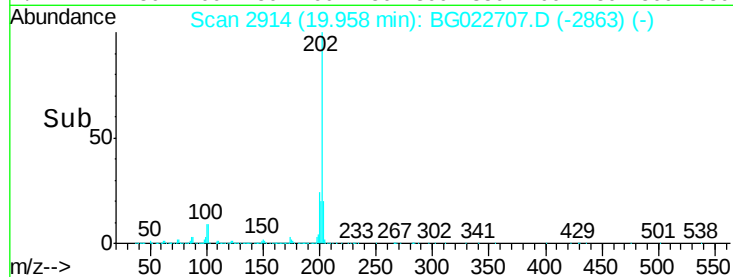
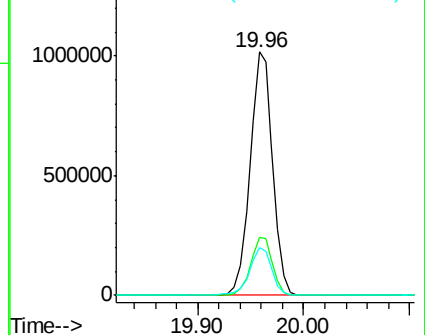
203 19.7 16.8 25.2



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: 65.93 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

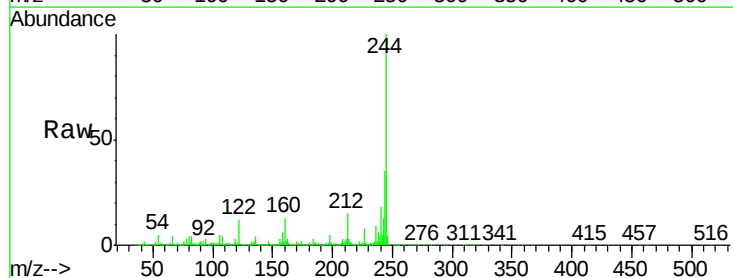
Tgt Ion:244 Resp: 3110628

Ion Ratio Lower Upper

244 100

212 14.5 10.8 16.2

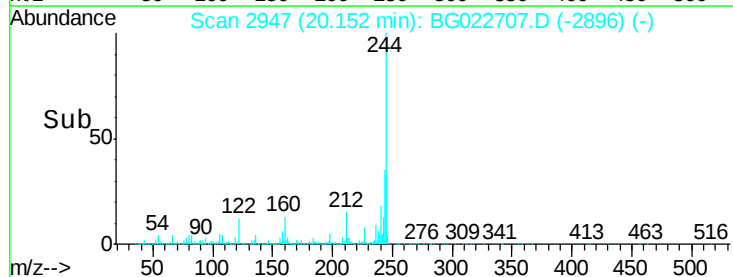
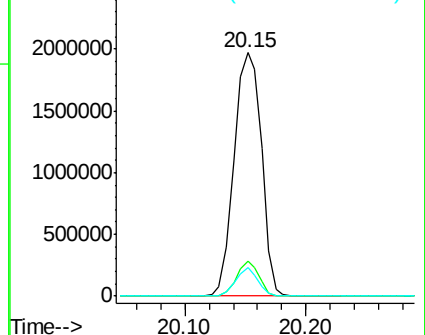
122 11.6 8.0 12.0

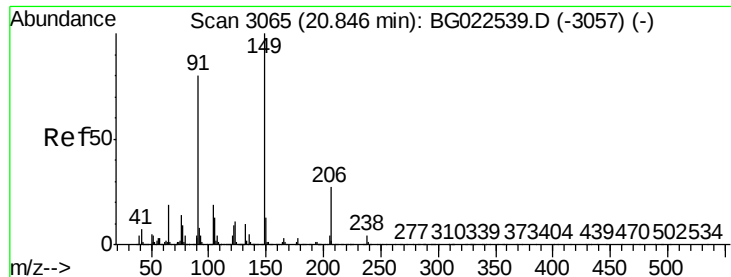


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

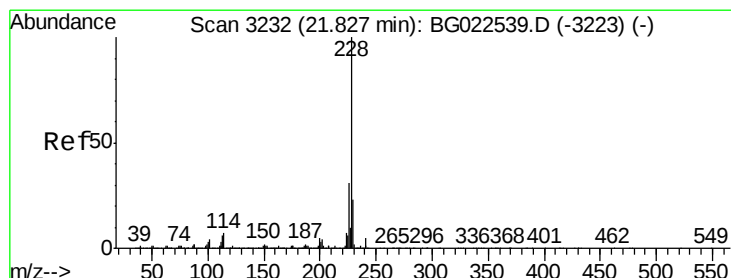
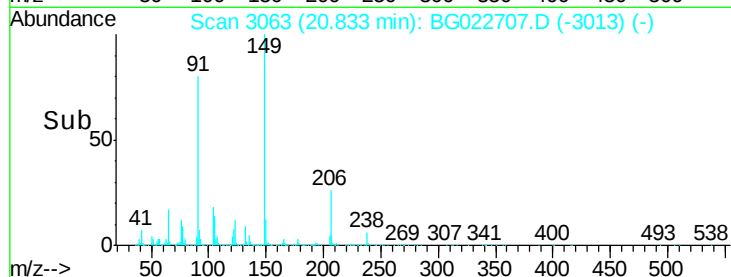
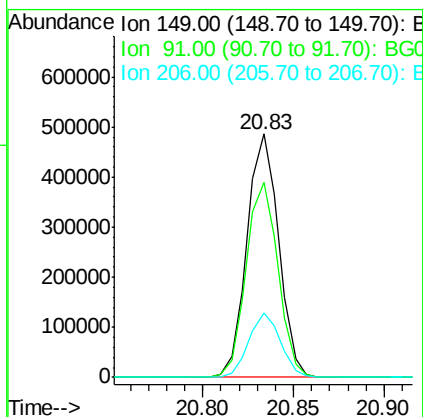
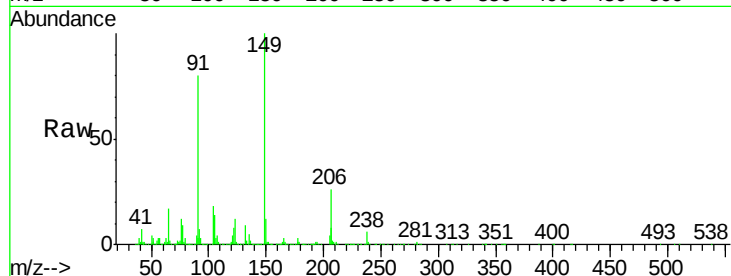




#79
Butylbenzylphthalate
Concen: 20.42 ng
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

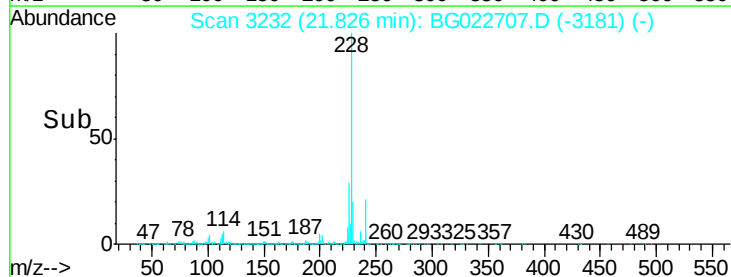
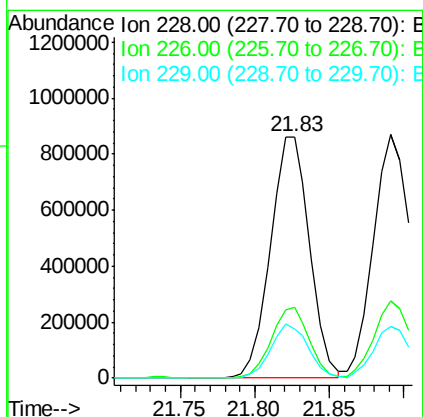
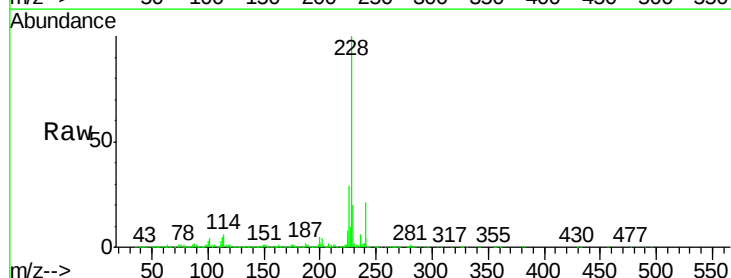
Instrument :
BNA_G
ClientSampleId :
S8-0581MSD

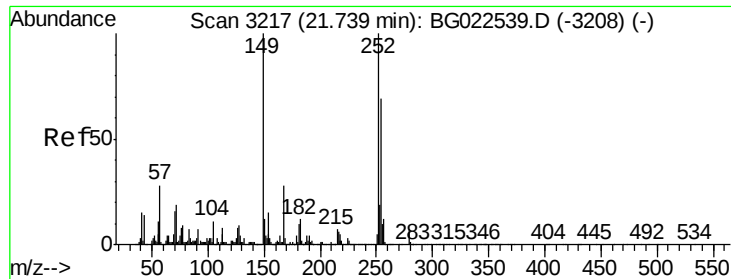
Tgt Ion:149 Resp: 588547
Ion Ratio Lower Upper
149 100
91 79.9 68.1 102.1
206 26.2 19.8 29.6



#80
Benzo(a)anthracene
Concen: 22.63 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG022707.D
Acq: 29 Jun 2016 23:59

Tgt Ion:228 Resp: 1565678
Ion Ratio Lower Upper
228 100
226 29.1 25.3 37.9
229 20.2 19.9 29.9

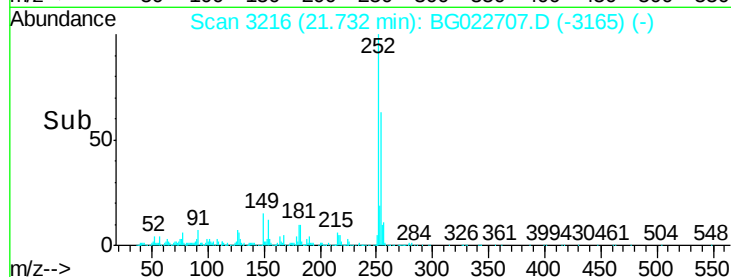
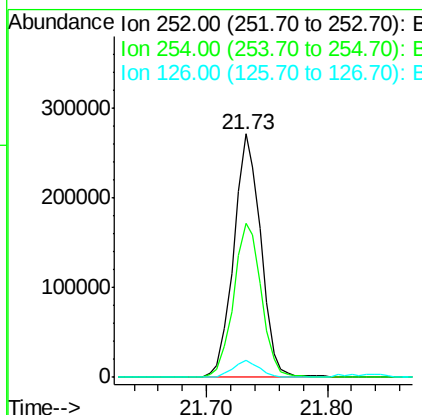
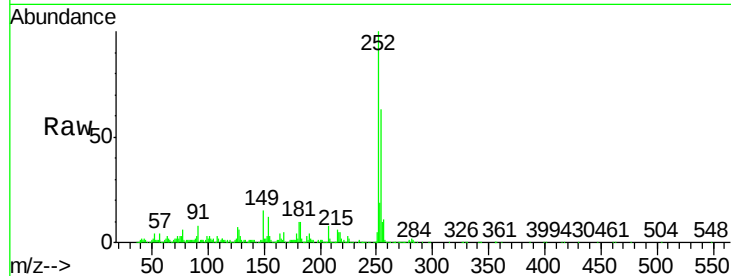




#81
 3,3'-Dichlorobenzidine
 Concen: 14.81 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

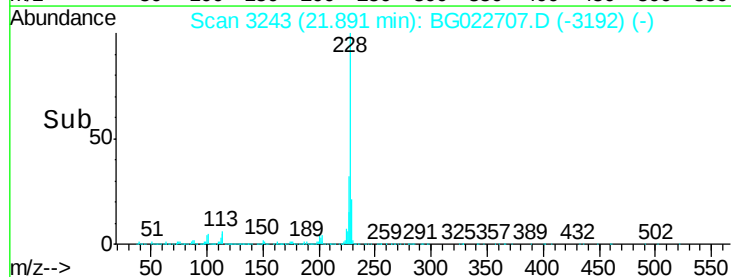
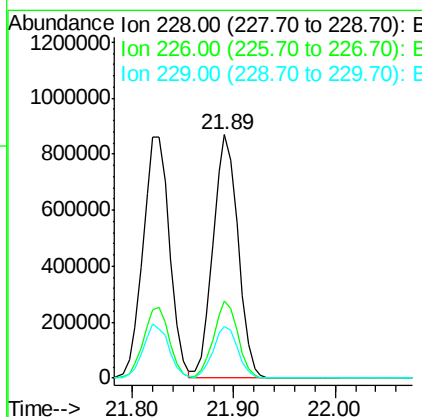
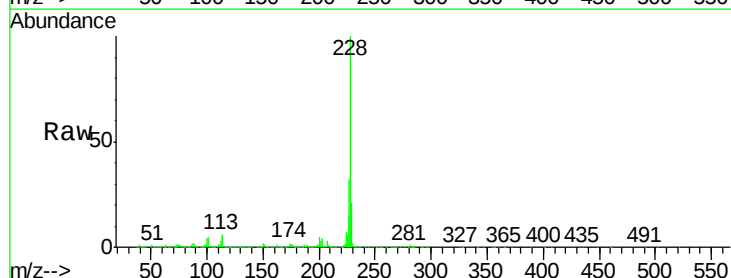
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

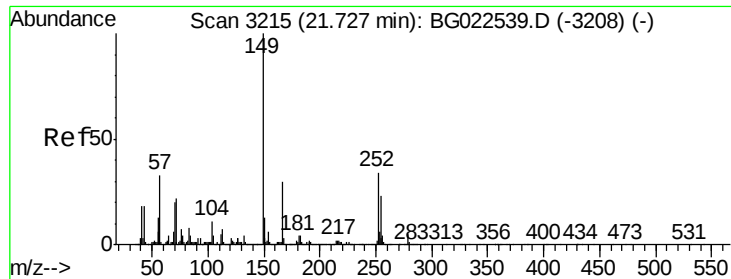
Tgt Ion: 252 Resp: 423003
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.2 76.8
 126 6.8 5.3 7.9



#82
 Chrysene
 Concen: 22.88 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion: 228 Resp: 1487331
 Ion Ratio Lower Upper
 228 100
 226 31.6 26.7 40.1
 229 21.2 17.4 26.2

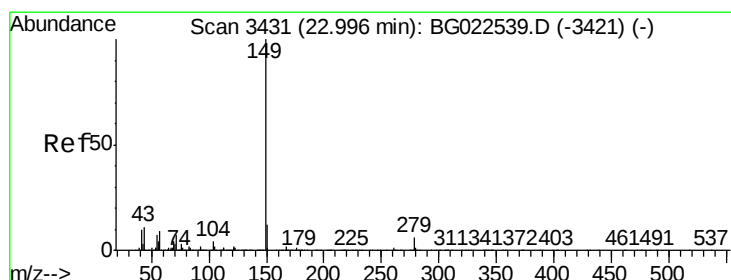
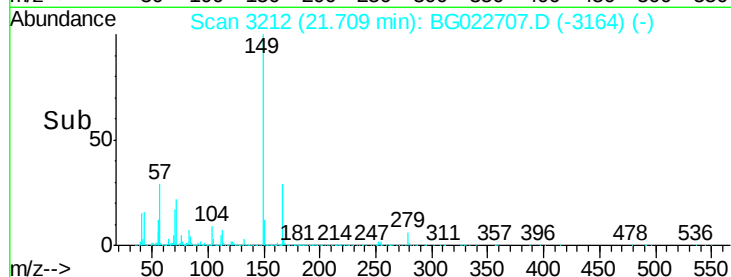
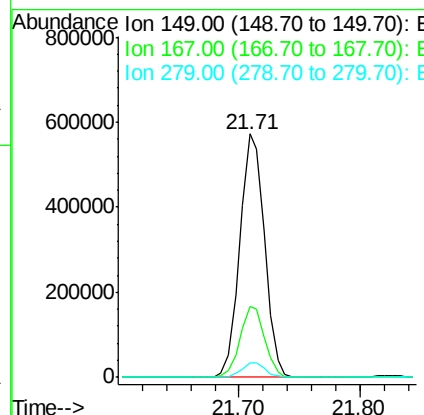
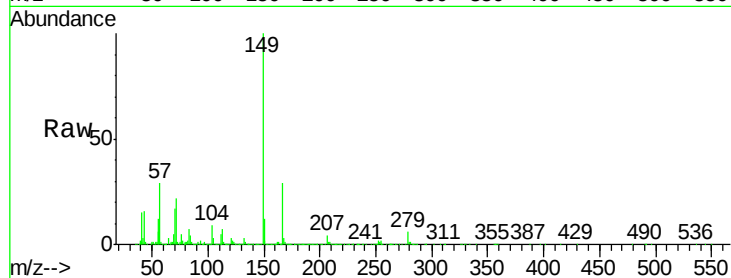




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.10 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.02 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

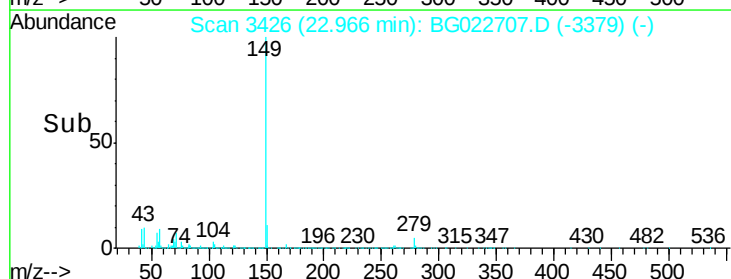
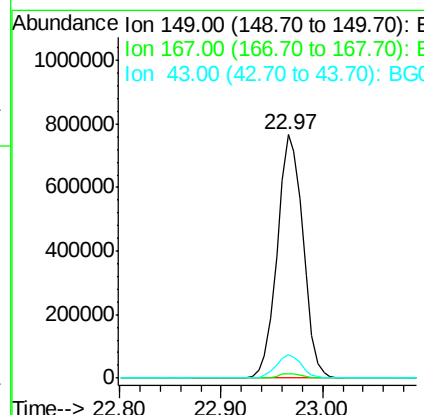
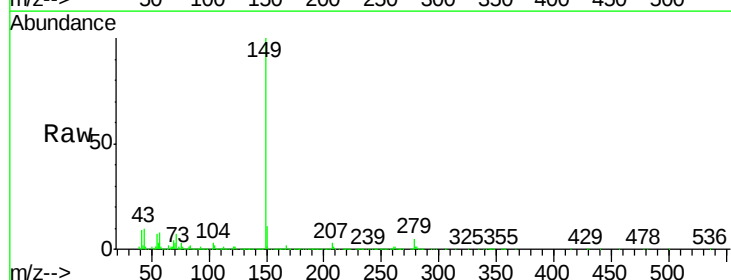
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MSD

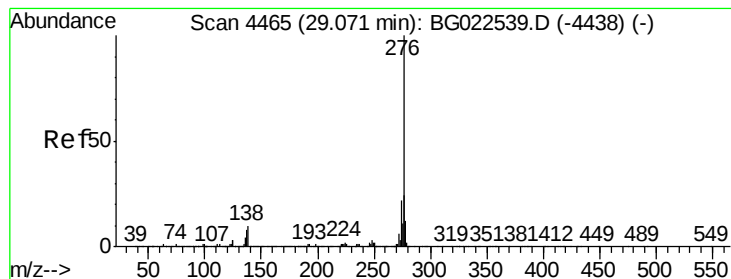
Tgt Ion:149 Resp: 815843
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.0 36.0
 279 5.7 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 20.45 ng
 RT: 22.97 min Scan# 3426
 Delta R.T. -0.02 min
 Lab File: BG022707.D
 Acq: 29 Jun 2016 23:59

Tgt Ion:149 Resp: 1367848
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 9.5 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 20.98 ng

RT: 29.04 min Scan# 4459

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

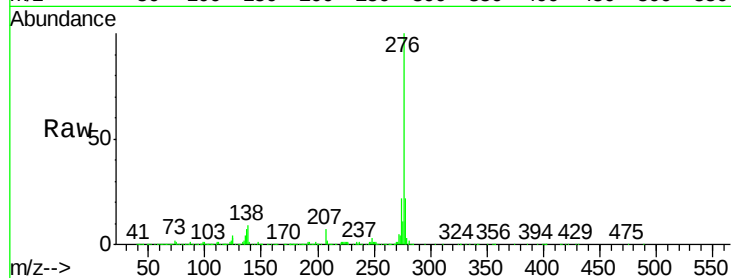
Tgt Ion:276 Resp: 1792175

Ion Ratio Lower Upper

276 100

138 7.4 0.0 0.0#

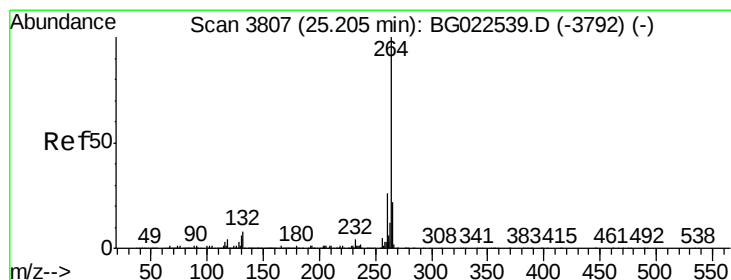
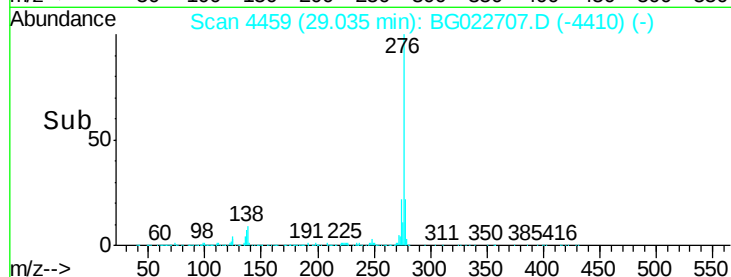
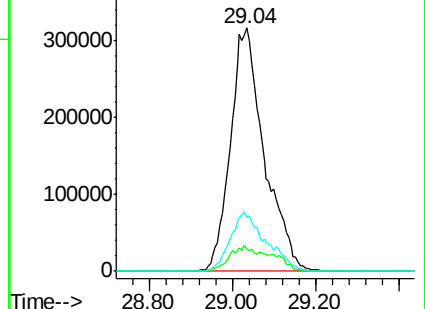
277 25.7 0.0 0.0#



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: 25.20 min Scan# 3806

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

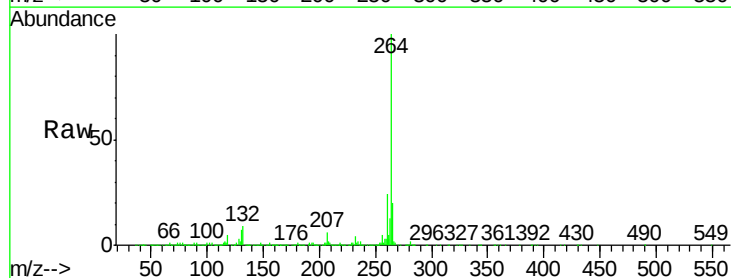
Tgt Ion:264 Resp: 1313711

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

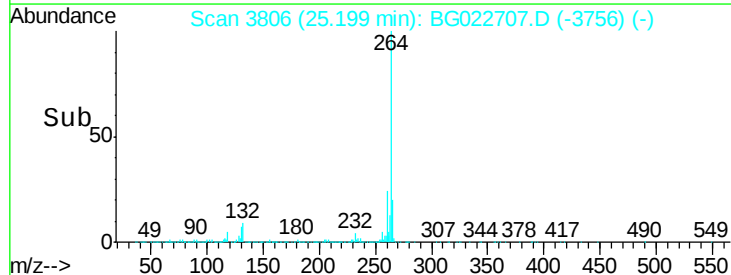
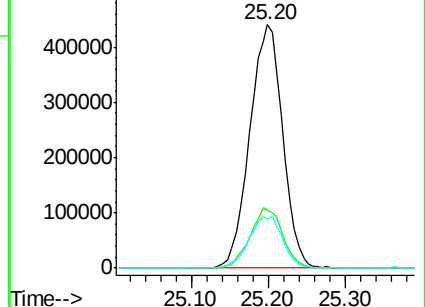
265 20.2 18.9 28.3

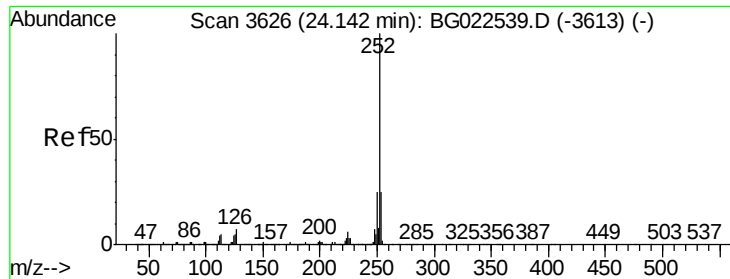


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 20.75 ng

RT: 24.12 min Scan# 3623

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

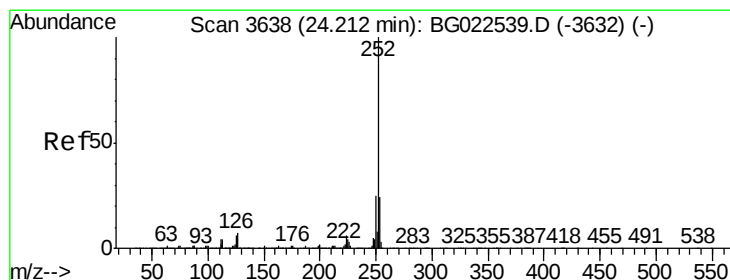
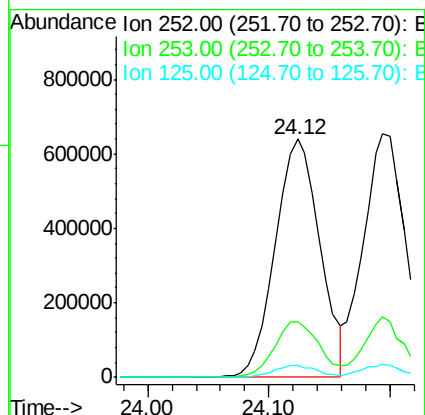
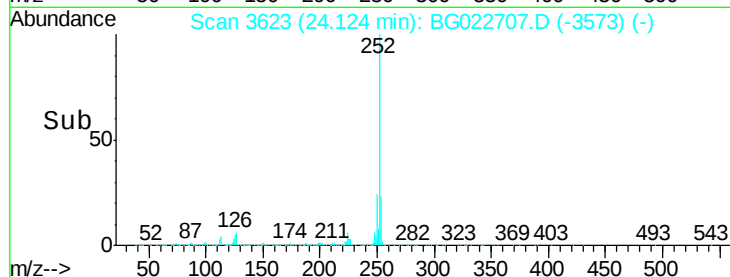
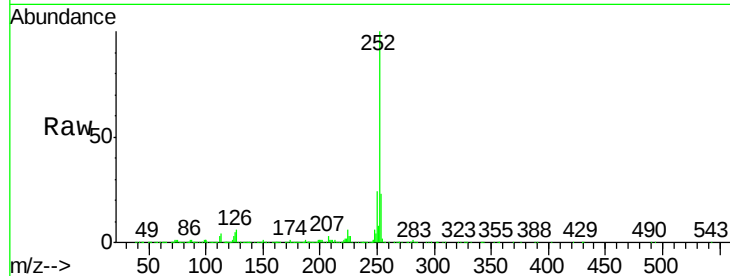
Tgt Ion:252 Resp: 1639041

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

125 4.8 3.9 5.9



#88

Benzo(k)fluoranthene

Concen: 21.95 ng

RT: 24.12 min Scan# 3623

Delta R.T. -0.08 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

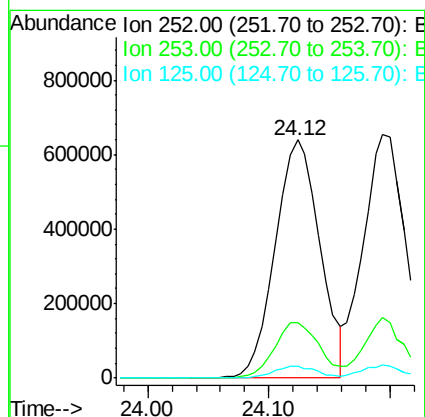
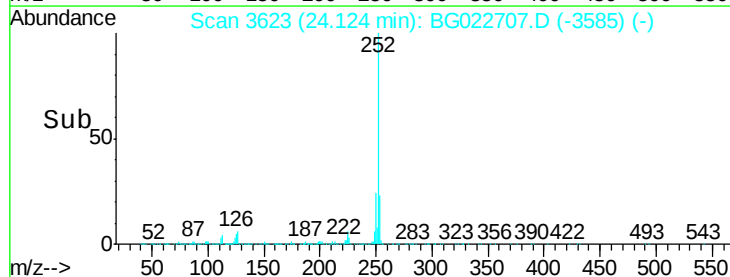
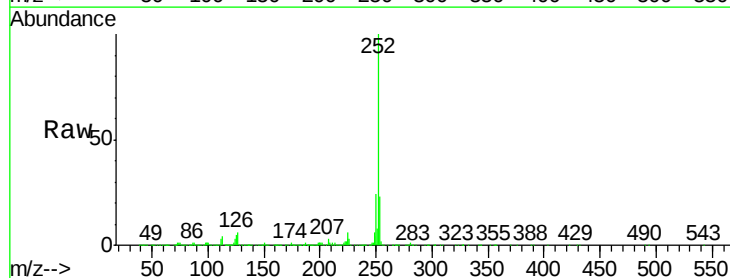
Tgt Ion:252 Resp: 1639041

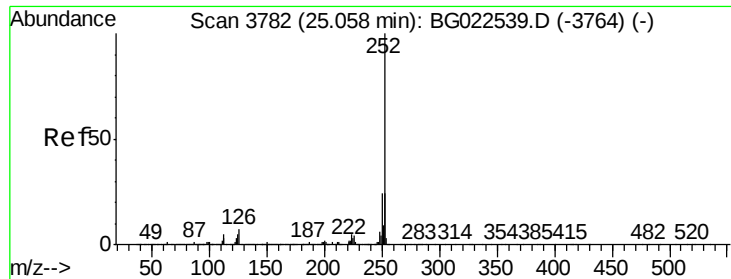
Ion Ratio Lower Upper

252 100

253 23.0 18.8 28.2

125 4.8 3.2 4.8





#89

Benzo(a)pyrene

Concen: 19.66 ng

RT: 25.03 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

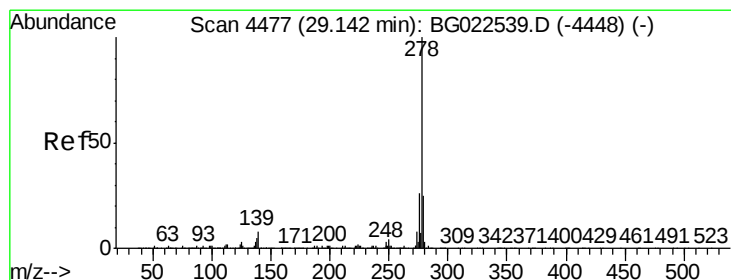
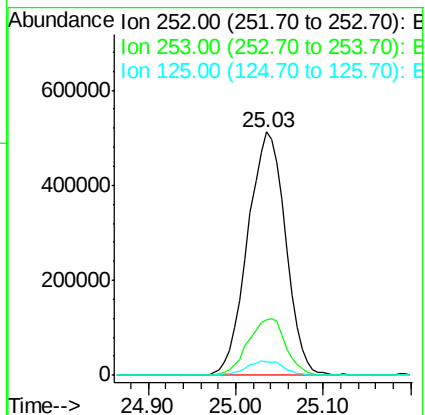
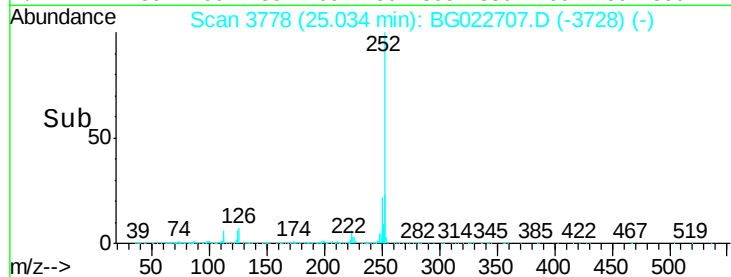
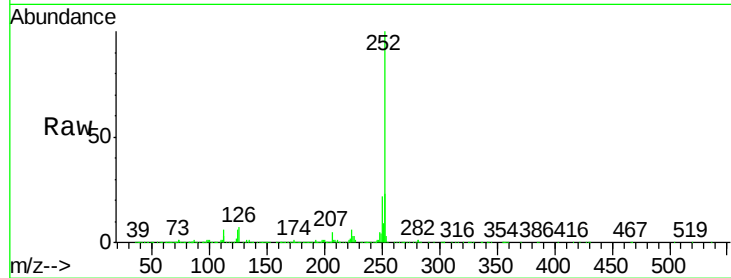
Tgt Ion:252 Resp: 1514092

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

125 5.5 3.9 5.9



#90

Dibenzo(a,h)anthracene

Concen: 21.13 ng

RT: 29.10 min Scan# 4470

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

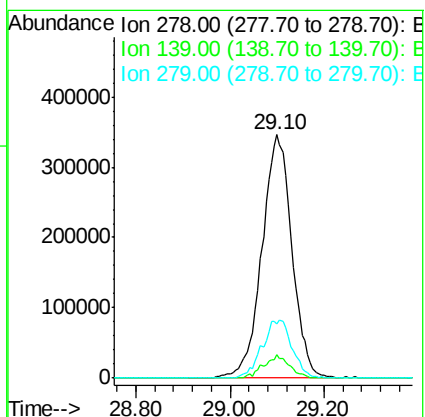
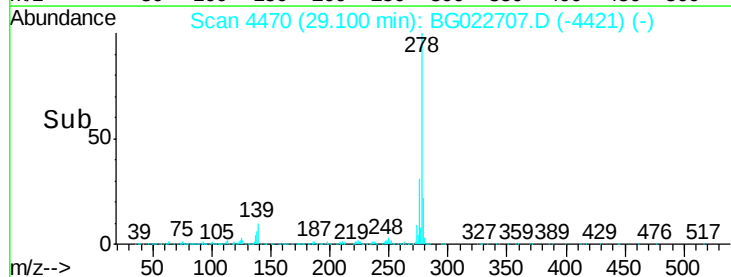
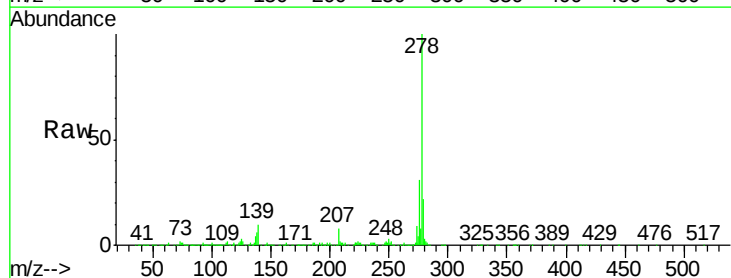
Tgt Ion:278 Resp: 1531583

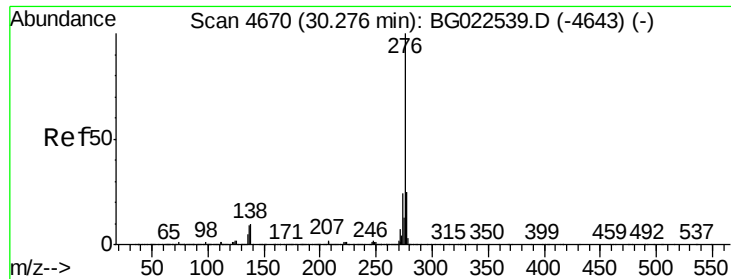
Ion Ratio Lower Upper

278 100

139 9.6 4.7 7.1#

279 22.2 18.3 27.5





#91

Benzo(g,h,i)perylene

Concen: 20.28 ng

RT: 30.24 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BG022707.D

Acq: 29 Jun 2016 23:59

Instrument :

BNA_G

ClientSampleId :

S8-0581MSD

Tgt Ion:276 Resp: 1496575

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 10.7 6.8 10.2#

