

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023165.D
 Acq On : 18 Jul 2016 19:15
 Operator : UM/SJ
 Sample : H4044-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

Quant Time: Jul 19 01:34:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 01:16:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	122797	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	579480	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	397624	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	889314	20.00	ng	0.00
75) Chrysene-d12	21.75	240	889731	20.00	ng	0.00
86) Perylene-d12	25.03	264	874619	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	737457	98.22	ng	-0.01
7) Phenol-d6	7.27	99	1155926	98.30	ng	-0.01
23) Nitrobenzene-d5	9.28	82	870029	64.29	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	503365	70.44	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1667135	66.04	ng	0.00
78) Terphenyl-d14	20.07	244	2082250	69.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	65423	22.42	ng	94
3) Pyridine	3.94	79	142804	14.30	ng	95
4) n-Nitrosodimethylamine	3.86	42	125796	29.36	ng	# 97
6) Aniline	7.43	93	369579	22.68	ng	97
8) 2-Chlorophenol	7.67	128	278029	34.80	ng	95
9) Benzaldehyde	7.24	77	135371	17.23	ng	95
10) Phenol	7.30	94	435605	36.00	ng	87
11) bis(2-Chloroethyl)ether	7.52	93	295411	30.80	ng	92
12) 1,3-Dichlorobenzene	8.00	146	282106	28.84	ng	97
13) 1,4-Dichlorobenzene	8.14	146	292407	29.86	ng	98
14) 1,2-Dichlorobenzene	8.47	146	284159	29.19	ng	95
15) Benzyl Alcohol	8.35	79	374646	34.78	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	388082	33.13	ng	92
17) 2-Methylphenol	8.55	107	275040	34.92	ng	94
18) Hexachloroethane	9.20	117	121218	29.33	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	320029	30.19	ng	93
20) 3+4-Methylphenols	8.88	107	378809	34.49	ng	92
22) Acetophenone	8.94	105	491840	28.28	ng	# 95
24) Nitrobenzene	9.32	77	454364	31.60	ng	97
25) Isophorone	9.84	82	827530	30.40	ng	97
26) 2-Nitrophenol	10.04	139	170016	30.13	ng	# 83
27) 2,4-Dimethylphenol	10.09	122	284687	29.19	ng	89
28) bis(2-Chloroethoxy)methane	10.32	93	466280	30.72	ng	99
29) 2,4-Dichlorophenol	10.58	162	337943	32.49	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	350612	29.41	ng	96
31) Naphthalene	10.98	128	916612	31.07	ng	98
33) 4-Chloroaniline	11.09	127	344265	23.86	ng	97
34) Hexachlorobutadiene	11.26	225	259577	26.86	ng	94
35) Caprolactam	11.86	113	83413	19.49	ng	# 86
36) 4-Chloro-3-methylphenol	12.21	107	408937	28.74	ng	95
37) 2-Methylnaphthalene	12.58	142	734310	31.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	443073	25.86	ng	98
40) Hexachlorocyclopentadiene	12.92	237	321455	32.59	ng	99
42) 2,4,6-Trichlorophenol	13.18	196	301922	30.66	ng	99

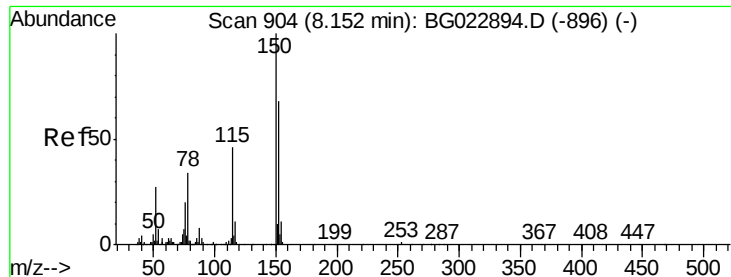
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 01:16:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	313027	30.95	ng	94
45) 1,1'-Biphenyl	13.58	154	960688	32.20	ng	97
46) 2-Chloronaphthalene	13.63	162	810486	33.49	ng	97
47) 2-Nitroaniline	13.83	65	335620	32.50	ng	96
48) Acenaphthylene	14.47	152	1197316	32.98	ng	99
49) Dimethylphthalate	14.19	163	1490472	45.89	ng	97
50) 2,6-Dinitrotoluene	14.32	165	234159	32.08	ng	88
51) Acenaphthene	14.81	154	762959	32.16	ng	99
52) 3-Nitroaniline	14.65	138	216696	29.77	ng	86
53) 2,4-Dinitrophenol	14.86	184	68368	13.65	ng	92
54) Dibenzofuran	15.14	168	1231098	34.67	ng	96
55) 4-Nitrophenol	14.97	139	341977	56.05	ng	91
56) 2,4-Dinitrotoluene	15.10	165	326207	30.65	ng	94
57) Fluorene	15.79	166	973242	31.84	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	290563	28.71	ng	95
59) Diethylphthalate	15.54	149	1046056	31.65	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	537475	28.87	ng	98
61) 4-Nitroaniline	15.81	138	230124	29.22	ng	# 83
62) Azobenzene	16.06	77	1199508	37.95	ng	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	99276	15.02	ng	93
65) n-Nitrosodiphenylamine	15.99	169	890978	34.77	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	338203	29.23	ng	95
67) Hexachlorobenzene	16.79	284	349939	27.82	ng	95
68) Atrazine	16.93	200	350916	30.88	ng	97
69) Pentachlorophenol	17.13	266	371256	45.57	ng	96
70) Phenanthrene	17.53	178	1498631	34.39	ng	98
71) Anthracene	17.61	178	1500184	33.99	ng	99
72) Carbazole	17.89	167	1337312	35.07	ng	99
73) Di-n-butylphthalate	18.42	149	1596592	37.65	ng	98
74) Fluoranthene	19.52	202	1706306	31.90	ng	96
76) Benzidine	19.70	184	683047	26.78	ng	99
77) Pyrene	19.89	202	1741041	34.82	ng	97
79) Butylbenzylphthalate	20.75	149	767295	38.74	ng	98
80) Benzo(a)anthracene	21.73	228	1677979	33.71	ng	96
81) 3,3'-Dichlorobenzidine	21.64	252	561646	25.70	ng	# 95
82) Chrysene	21.80	228	1583198	33.90	ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	1124708	40.90	ng	98
84) Di-n-octyl phthalate	22.83	149	1761445	38.41	ng	100
85) Indeno(1,2,3-cd)pyrene	28.78	276	1558043	26.17	ng	# 100
87) Benzo(b)fluoranthene	23.98	252	1707486	33.84	ng	# 98
88) Benzo(k)fluoranthene	24.05	252	1612981	33.68	ng	# 98
89) Benzo(a)pyrene	24.88	252	1634684	33.80	ng	# 98
90) Dibenzo(a,h)anthracene	28.84	278	1297515	27.03	ng	# 94
91) Benzo(g,h,i)perylene	29.96	276	1165363	24.24	ng	# 92

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

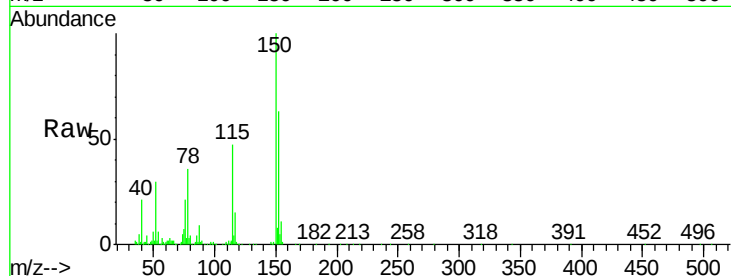


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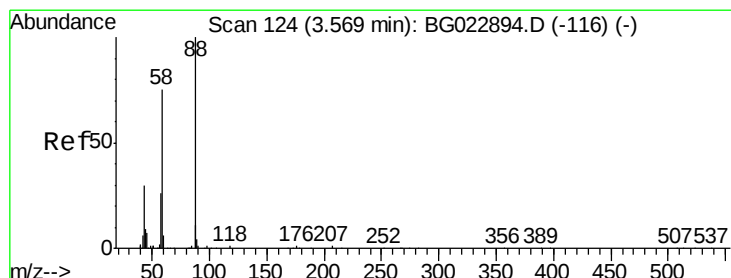
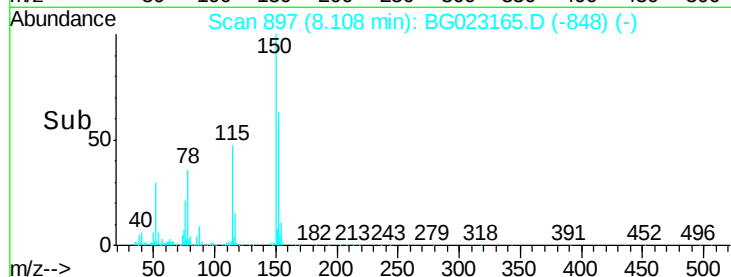
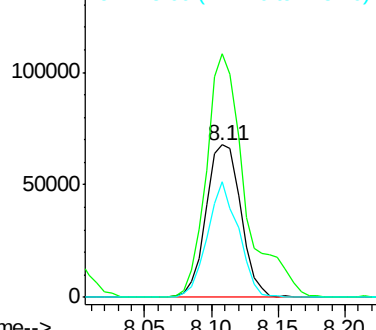
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	144.7	217.1
115	75.7	64.0	96.0



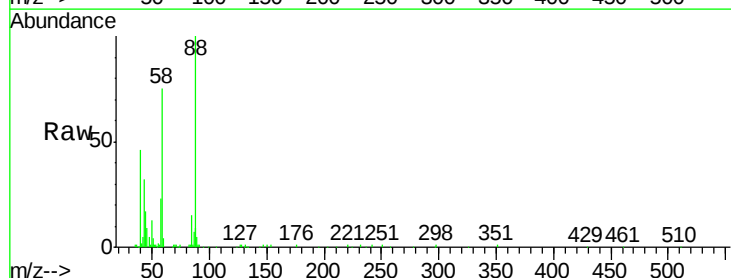
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



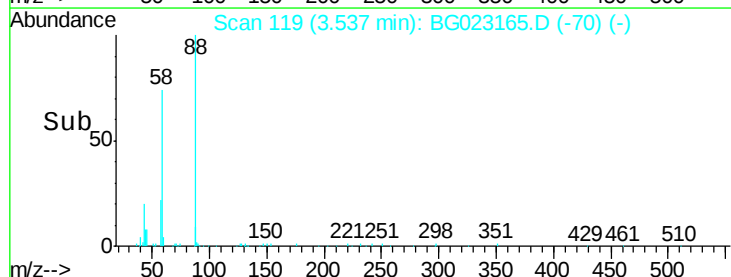
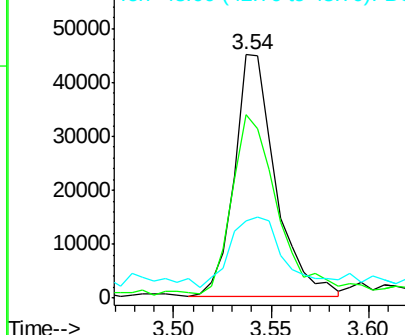
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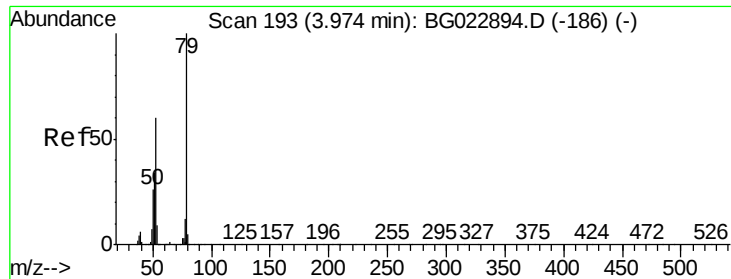
1,4-Dioxane
Concen: 22.42 ng
RT: 3.54 min Scan# 119
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	60.4	90.6
43	38.2	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

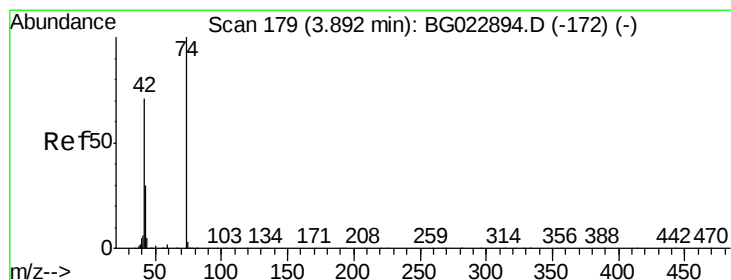
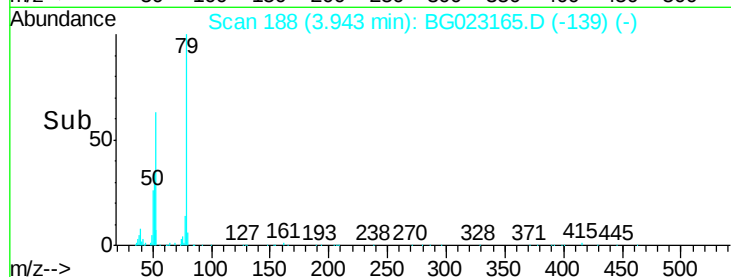
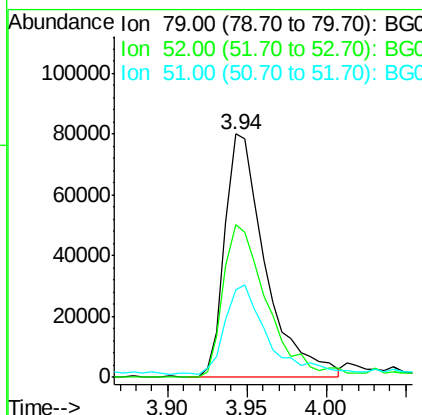
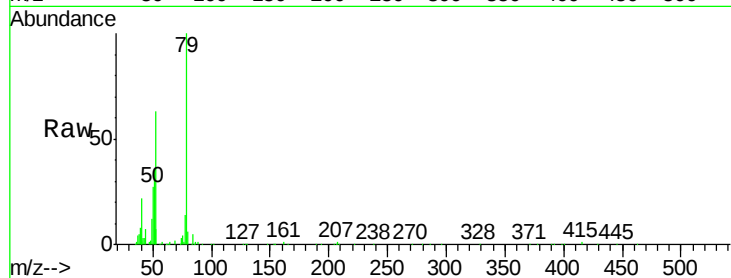




#3
 Pyridine
 Concen: 14.30 ng
 RT: 3.94 min Scan# 188
 Delta R.T. -0.01 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

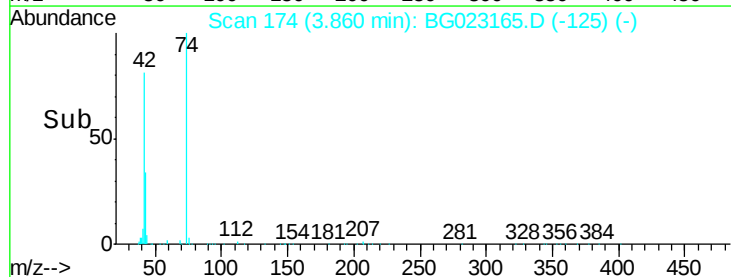
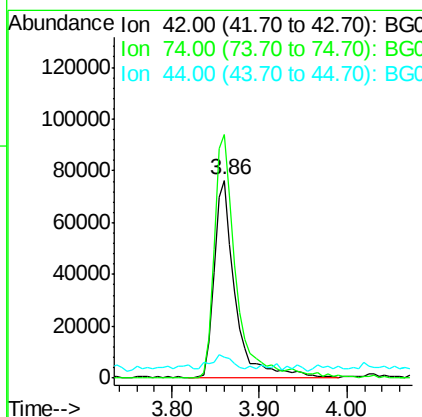
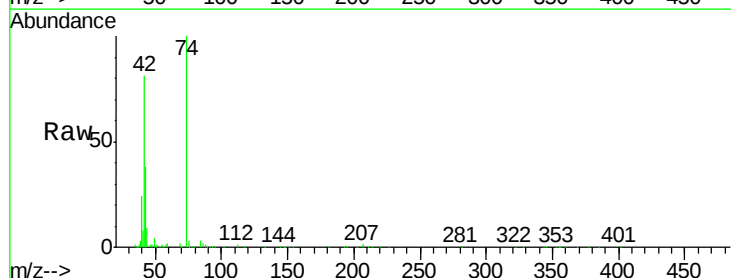
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

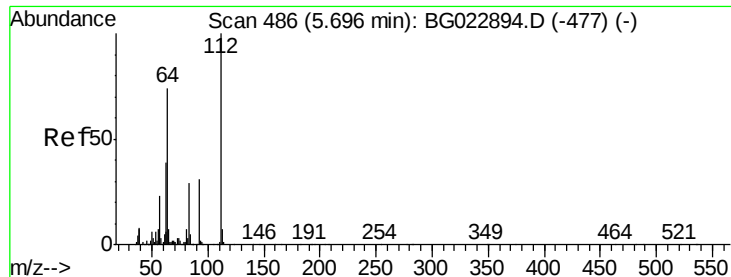
Tgt Ion: 79 Resp: 142804
 Ion Ratio Lower Upper
 79 100
 52 62.7 51.8 77.8
 51 36.0 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 29.36 ng
 RT: 3.86 min Scan# 174
 Delta R.T. -0.01 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

Tgt Ion: 42 Resp: 125796
 Ion Ratio Lower Upper
 42 100
 74 123.1 100.6 150.8
 44 10.5 4.5 6.7#





#5

2-Fluorophenol

Concen: 98.22 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

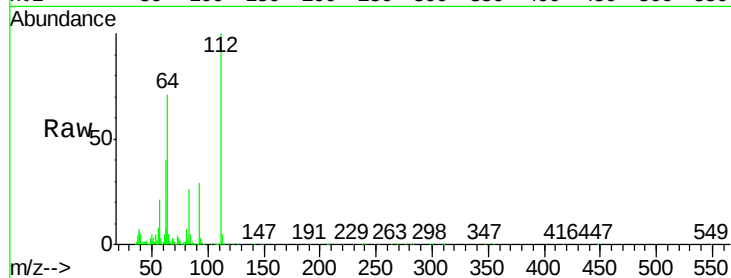
Tgt Ion: 112 Resp: 737457

Ion Ratio Lower Upper

112 100

64 70.9 59.0 88.4

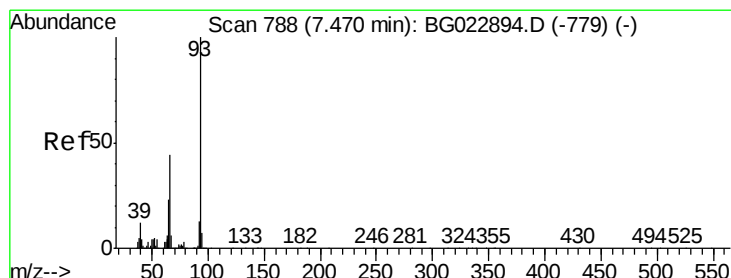
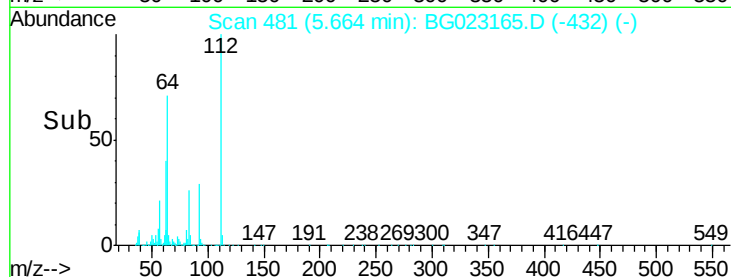
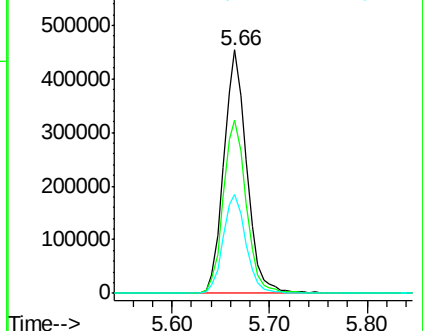
63 40.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.68 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.02 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

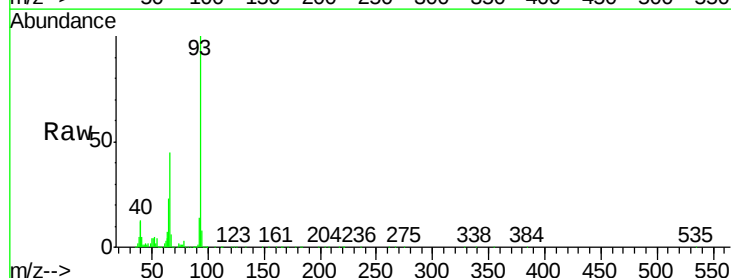
Tgt Ion: 93 Resp: 369579

Ion Ratio Lower Upper

93 100

66 45.1 37.5 56.3

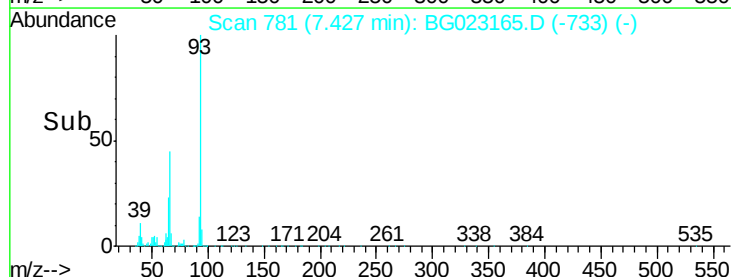
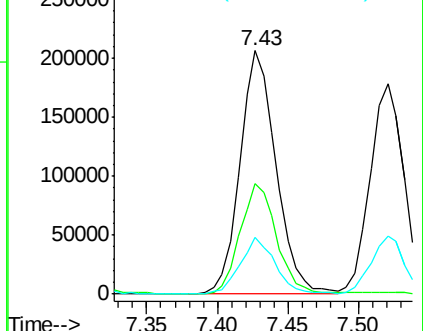
65 23.5 17.9 26.9

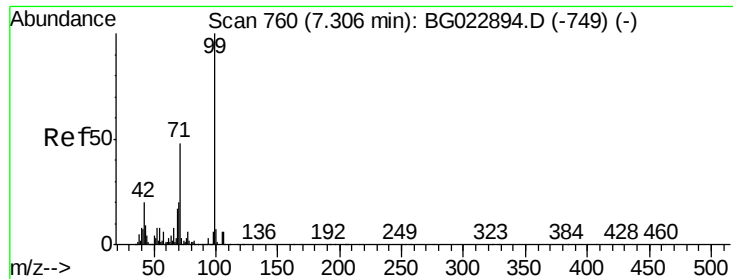


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.30 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

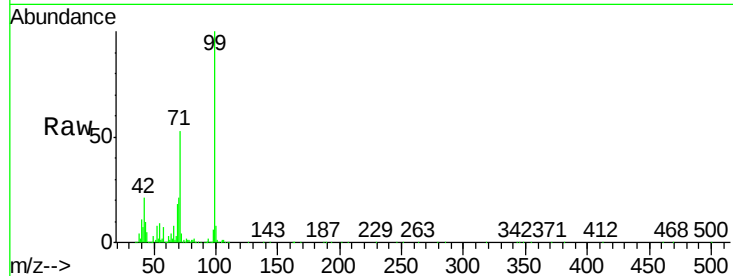
Tgt Ion: 99 Resp: 1155926

Ion Ratio Lower Upper

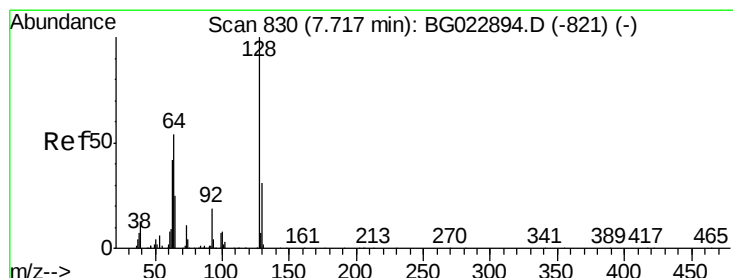
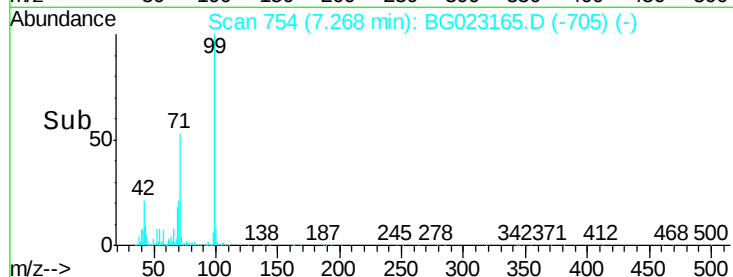
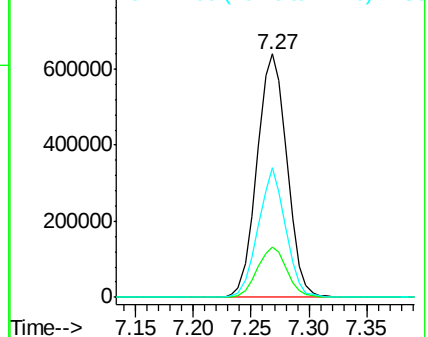
99 100

42 20.9 17.8 26.6

71 53.0 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: 34.80 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

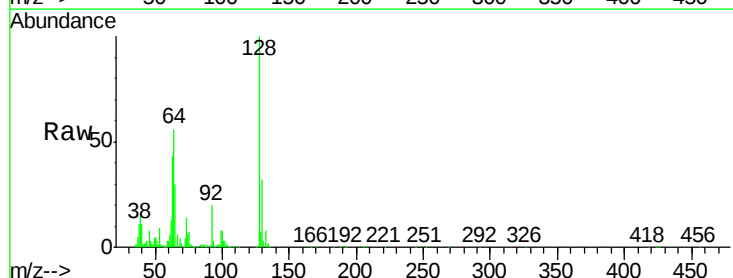
Tgt Ion: 128 Resp: 278029

Ion Ratio Lower Upper

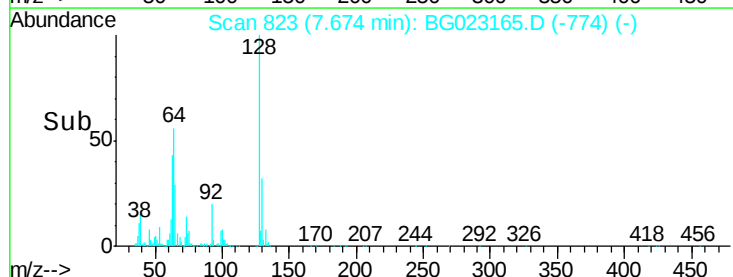
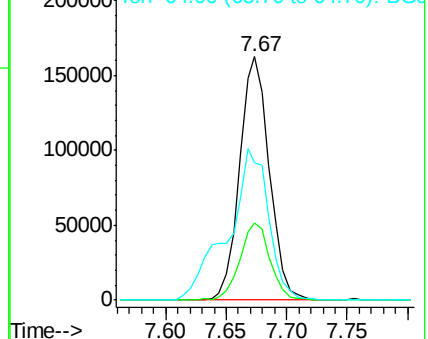
128 100

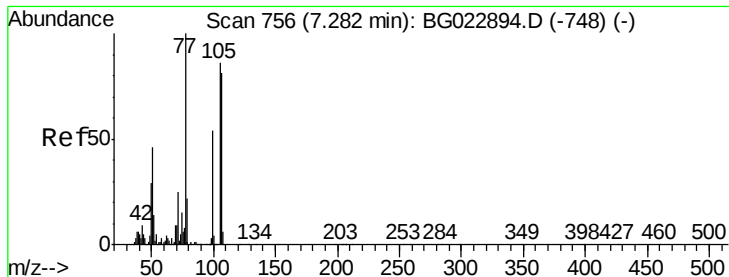
130 31.9 12.9 52.9

64 56.3 42.0 82.0



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





#9

Benzaldehyde

Concen: 17.23 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

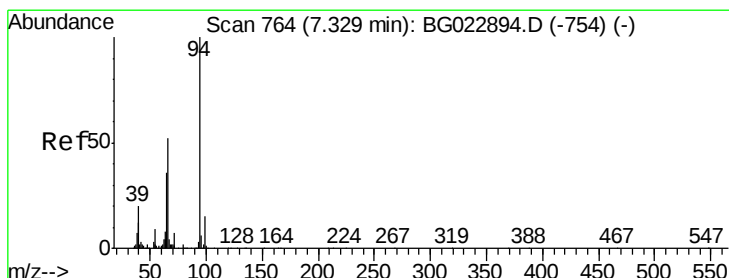
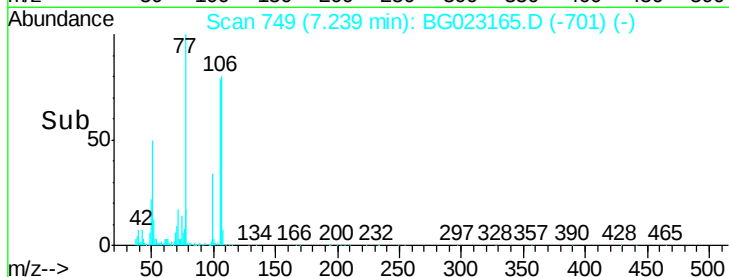
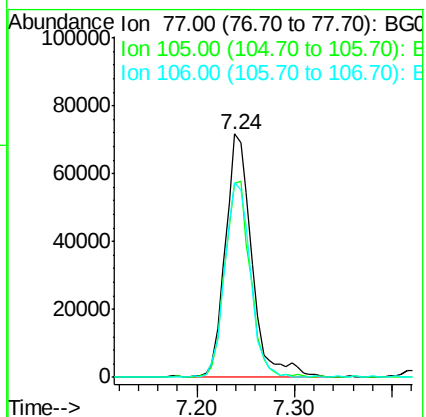
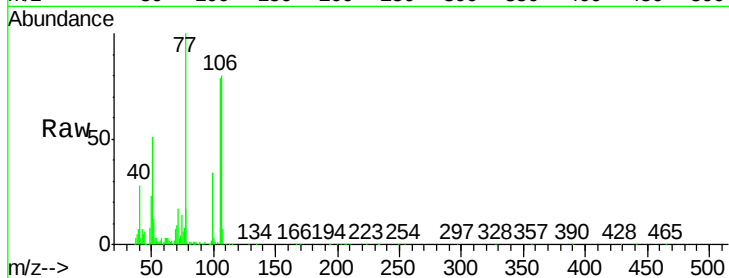
Tgt Ion: 77 Resp: 135371

Ion Ratio Lower Upper

77 100

105 79.5 58.7 98.7

106 80.0 67.5 107.5



#10

Phenol

Concen: 36.00 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

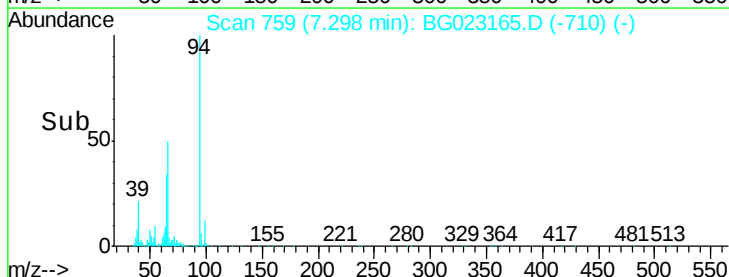
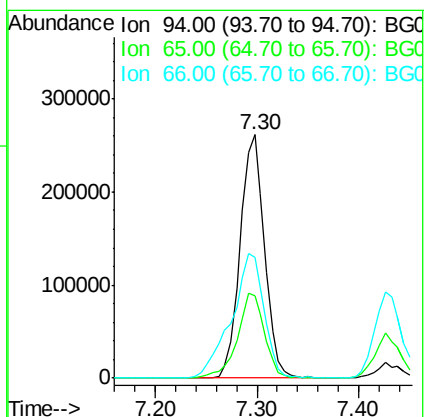
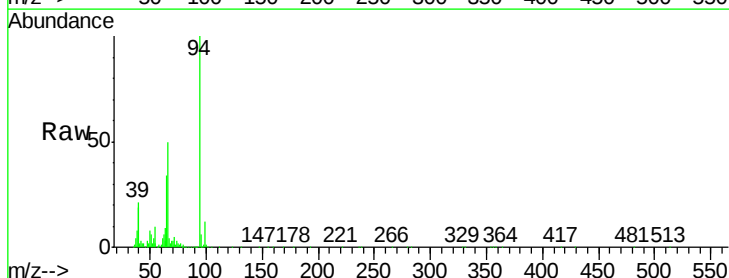
Tgt Ion: 94 Resp: 435605

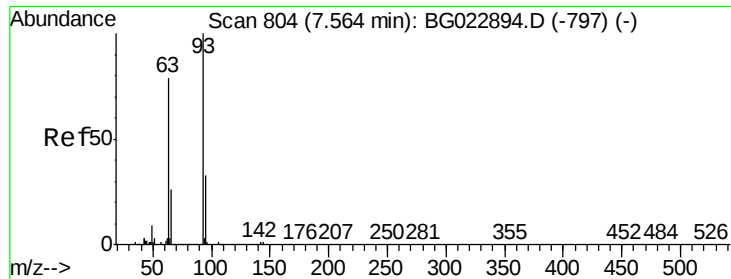
Ion Ratio Lower Upper

94 100

65 33.7 18.1 58.1

66 49.7 42.1 82.1

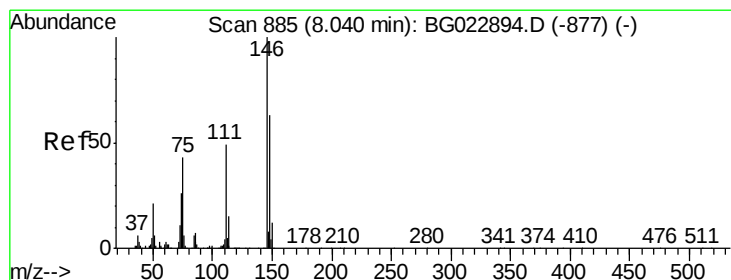
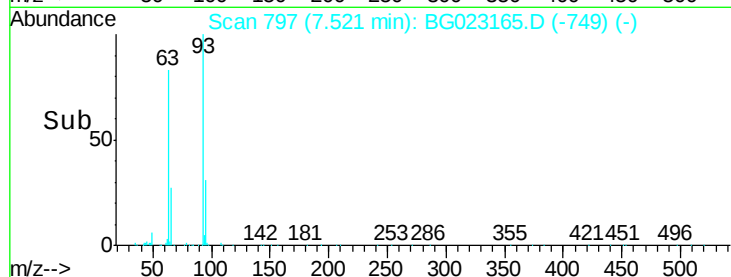
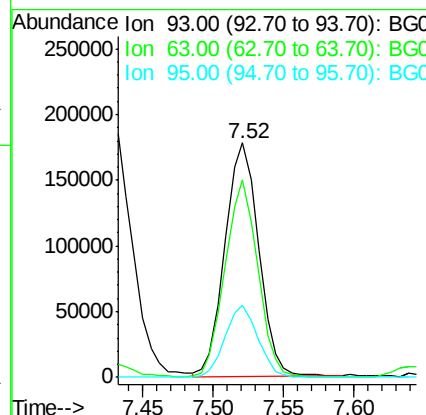
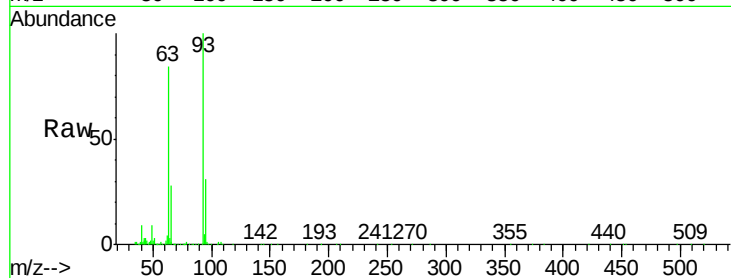




#11
bis(2-Chloroethyl)ether
Concen: 30.80 ng
RT: 7.52 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

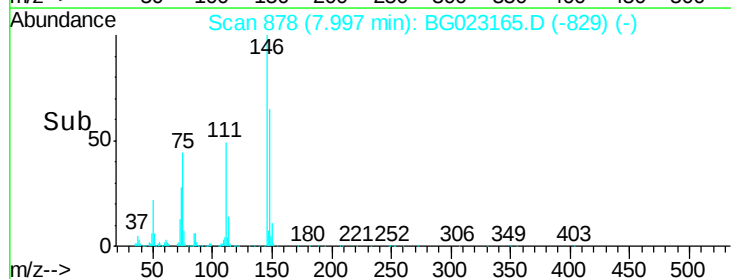
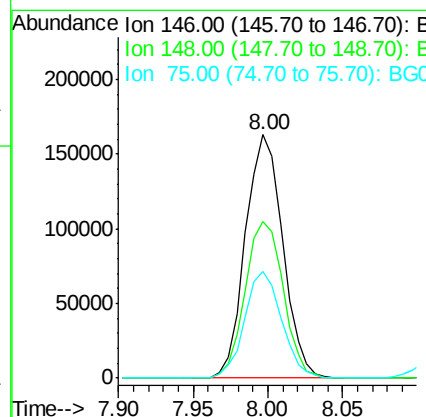
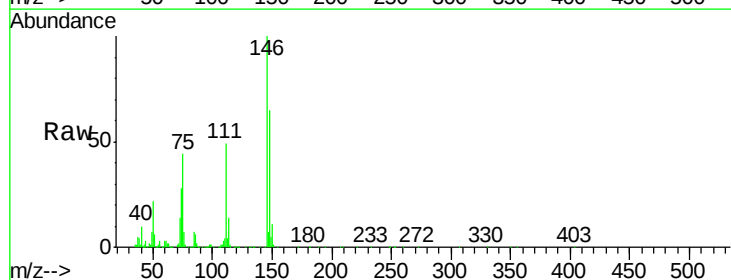
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

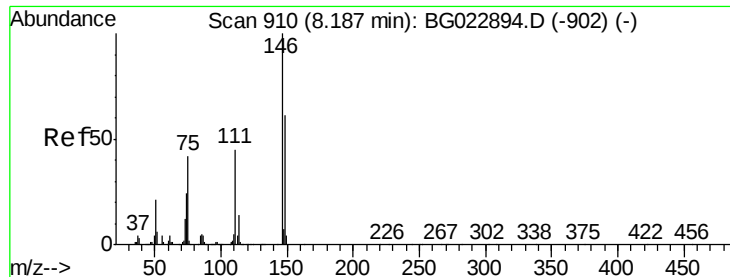
Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.4	55.0	95.0
95	30.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 28.84 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.3	75.5
75	44.0	37.0	55.6

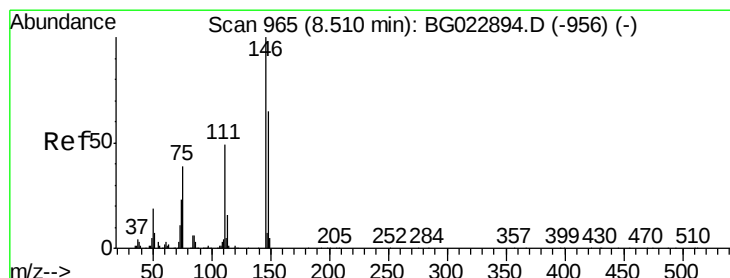
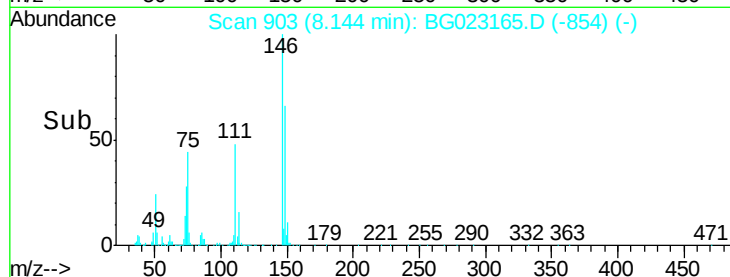
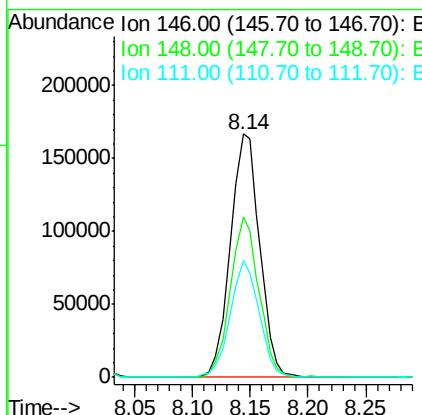
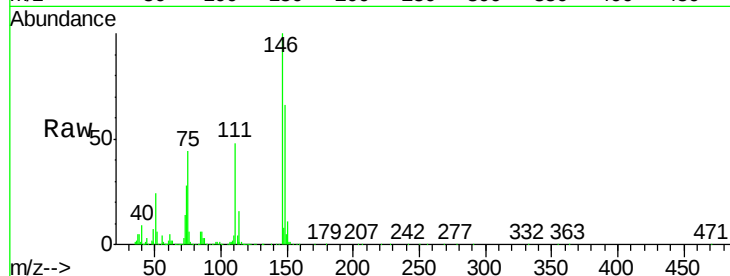




#13
 1,4-Dichlorobenzene
 Concen: 29.86 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

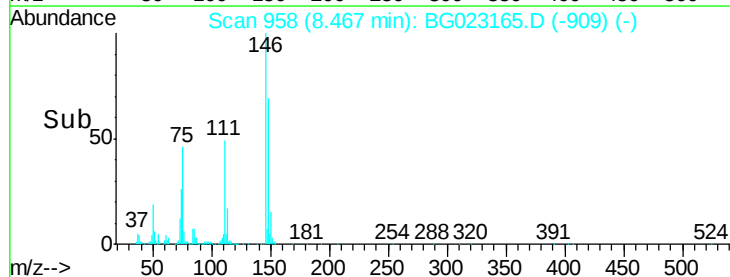
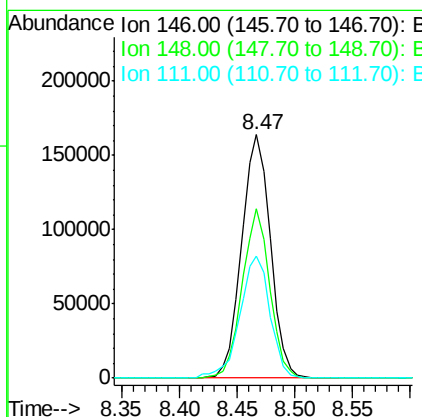
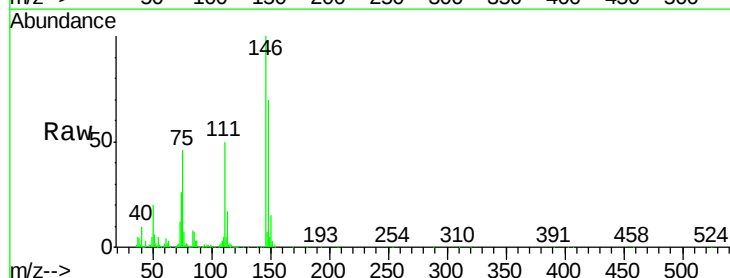
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

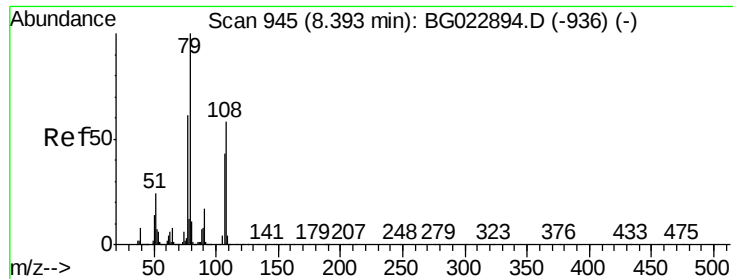
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.5	81.7
111	47.9	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 29.19 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	52.9	79.3
111	49.9	43.5	65.3





#15

Benzyl Alcohol

Concen: 34.78 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

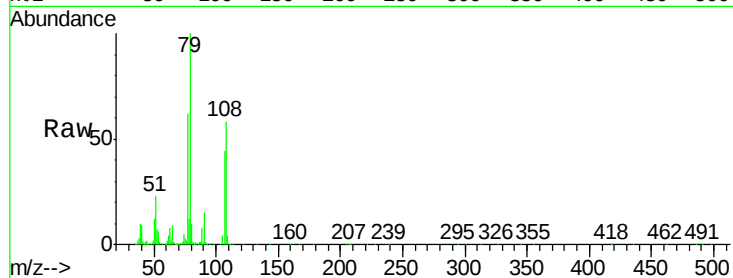
Tgt Ion: 79 Resp: 374646

Ion Ratio Lower Upper

79 100

108 58.0 46.5 69.7

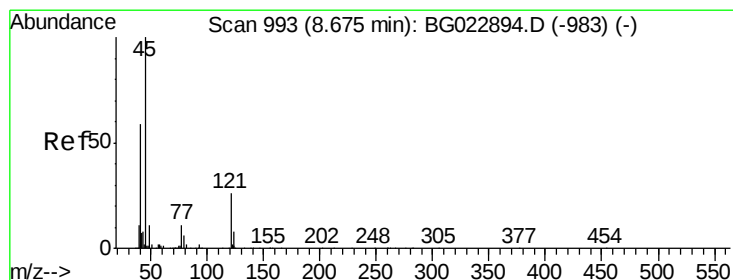
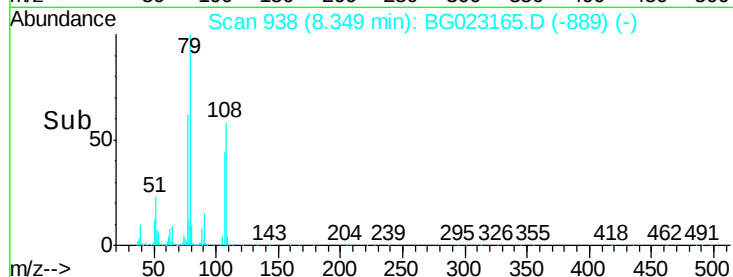
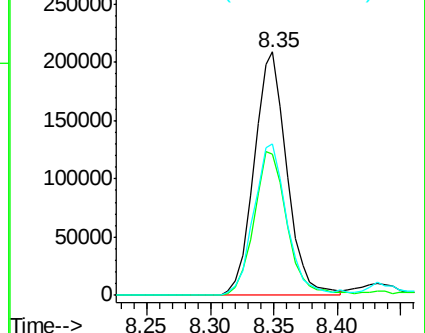
77 62.0 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.13 ng

RT: 8.64 min Scan# 987

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

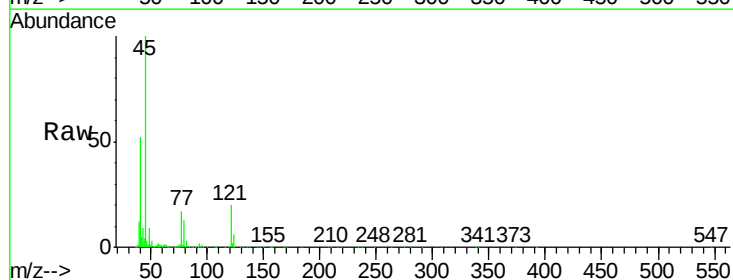
Tgt Ion: 45 Resp: 388082

Ion Ratio Lower Upper

45 100

77 17.0 0.6 40.6

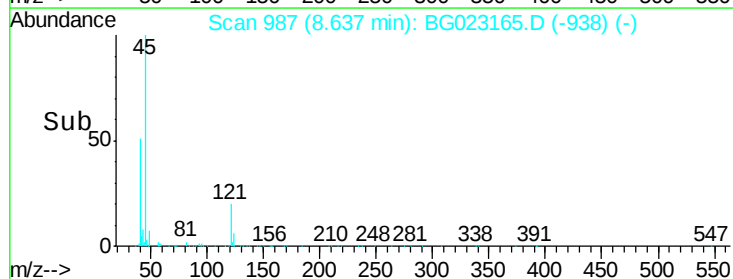
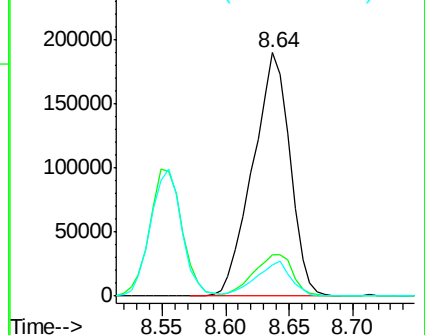
79 12.9 0.0 36.2

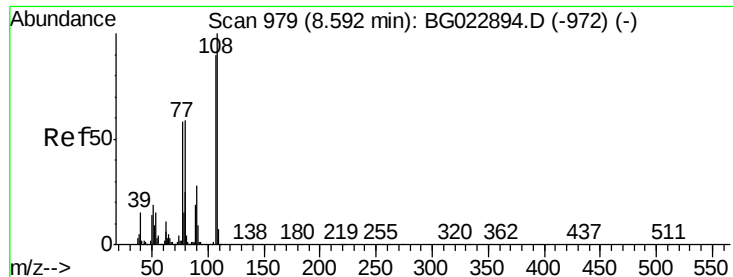


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

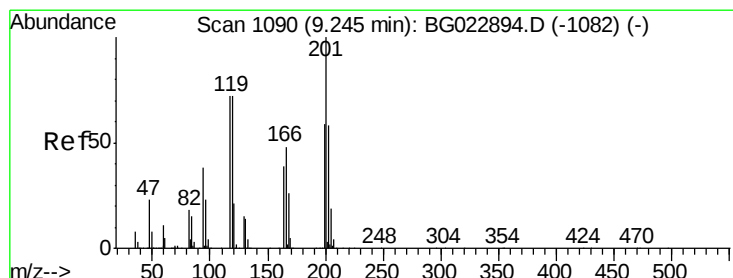
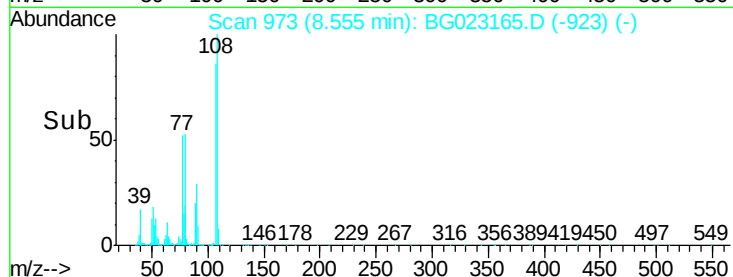
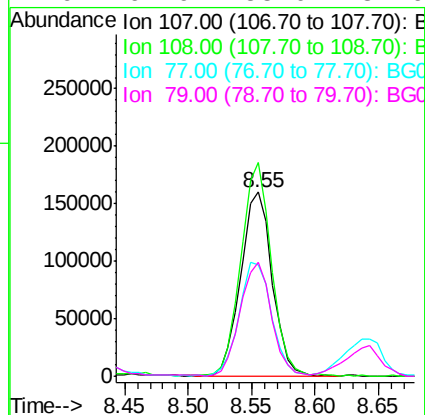
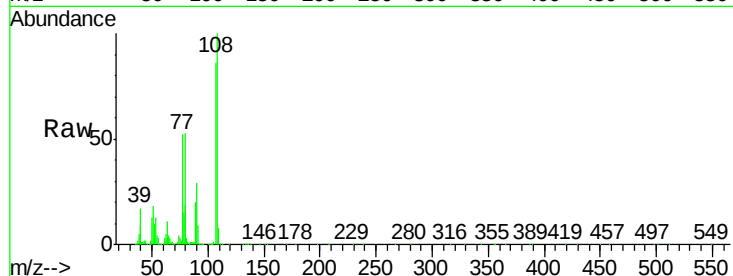




#17
2-Methylphenol
Concen: 34.92 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

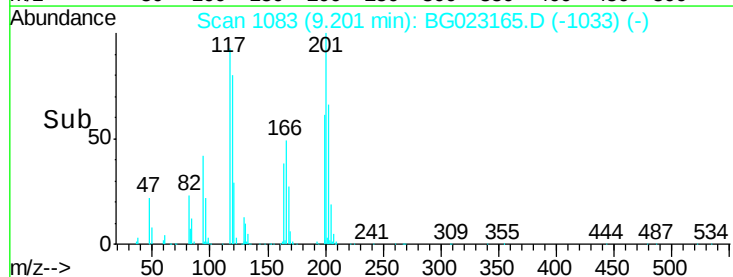
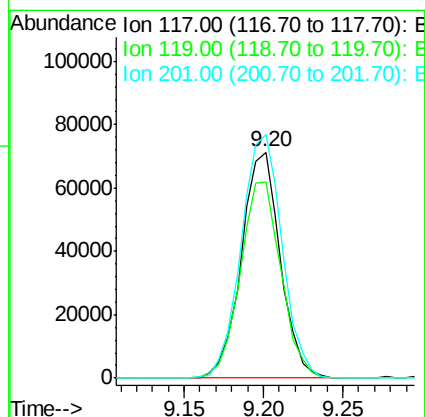
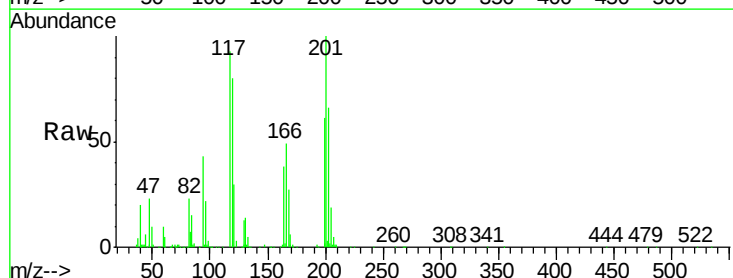
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

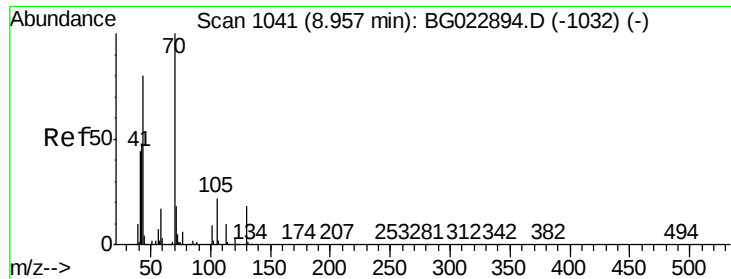
Tgt Ion:	107	Resp:	275040
Ion	Ratio	Lower	Upper
107	100		
108	116.3	92.0	138.0
77	60.6	55.8	83.6
79	61.9	55.0	82.6



#18
Hexachloroethane
Concen: 29.33 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:	117	Resp:	121218
Ion	Ratio	Lower	Upper
117	100		
119	86.6	73.7	110.5
201	107.8	88.7	133.1

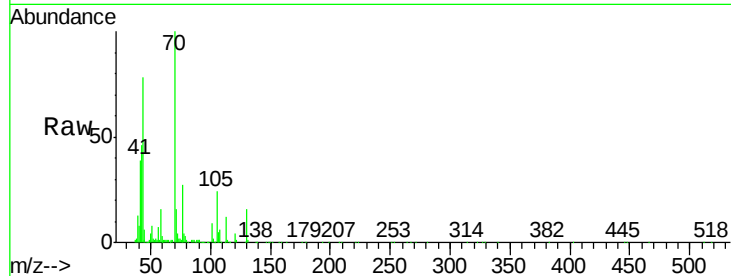




#19
n-Nitroso-di-n-propylamine
Concen: 30.19 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

Tgt Ion:	70	Resp:	320029
Ion	Ratio	Lower	Upper
70	100		
42	45.8	42.1	63.1
101	9.5	7.2	10.8
130	16.0	14.2	21.2



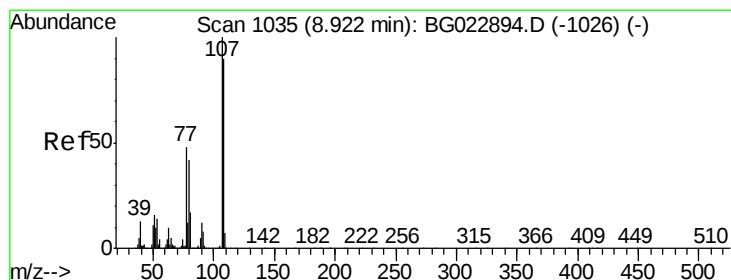
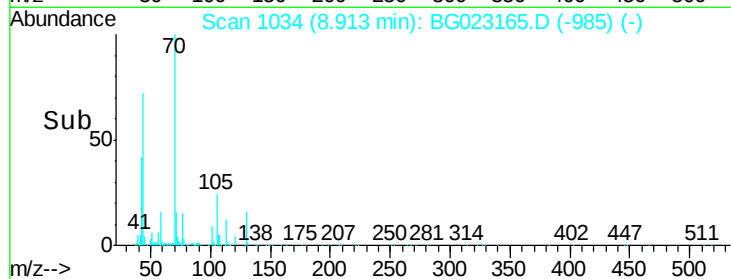
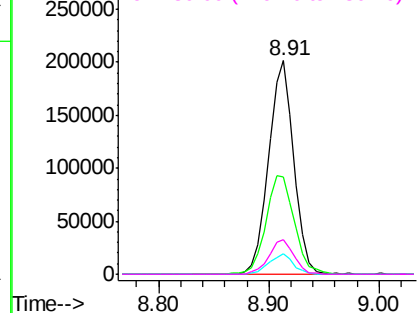
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

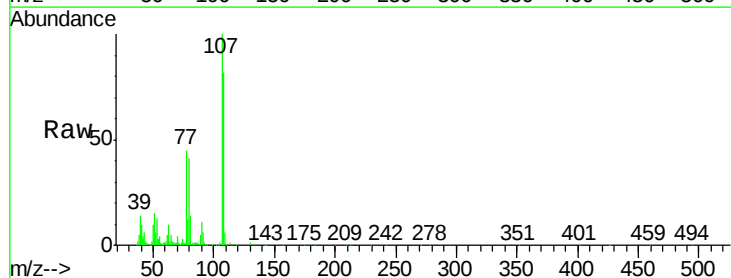
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 34.49 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:	107	Resp:	378809
Ion	Ratio	Lower	Upper
107	100		
108	82.2	72.5	112.5
77	44.7	30.1	70.1
79	41.4	24.2	64.2



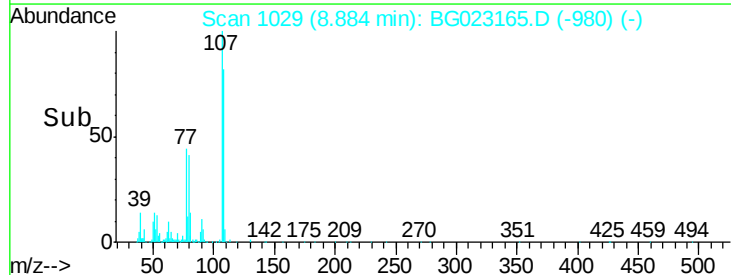
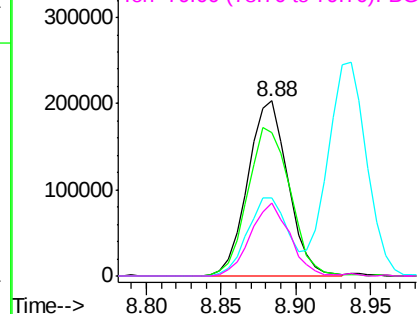
Abundance

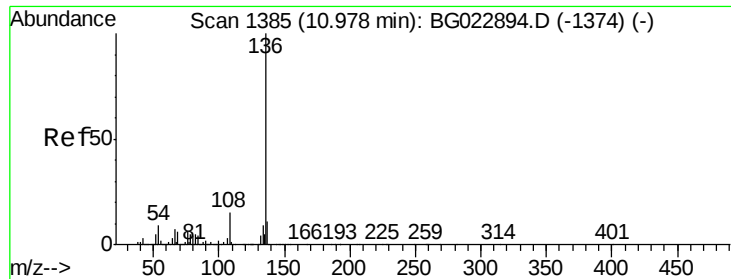
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

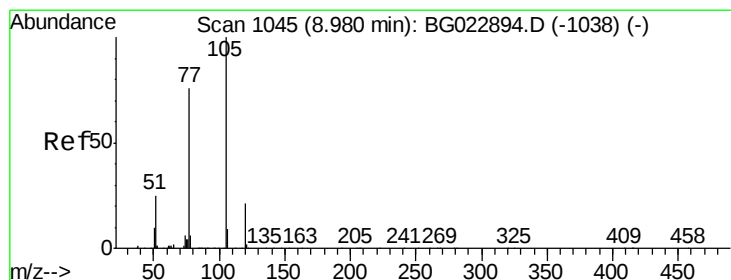
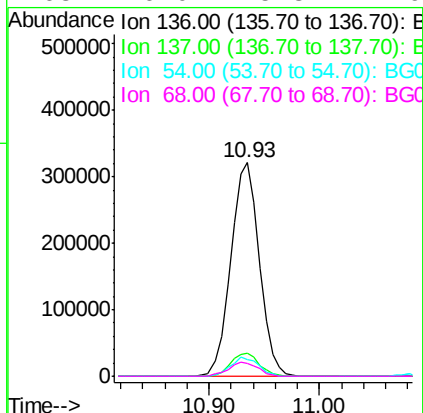
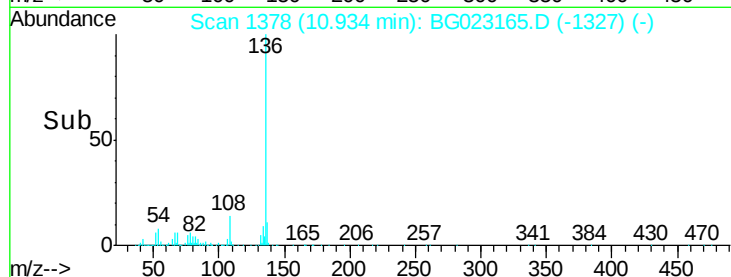
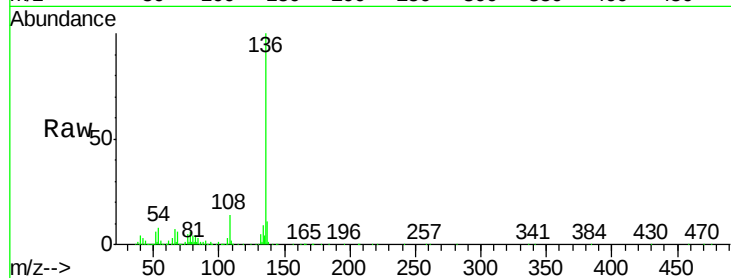




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

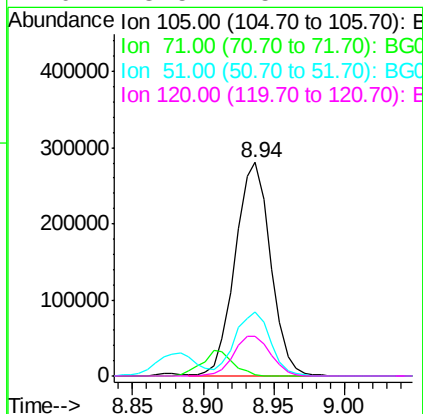
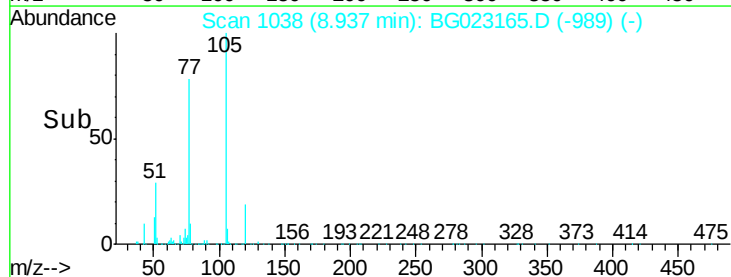
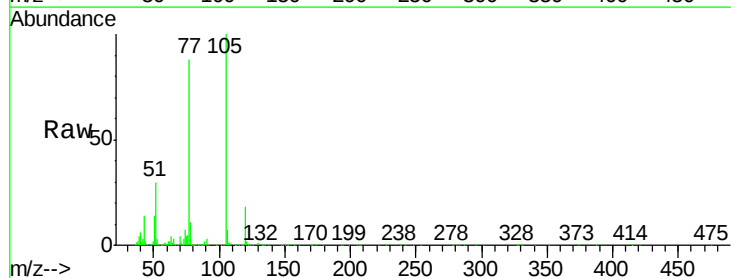
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

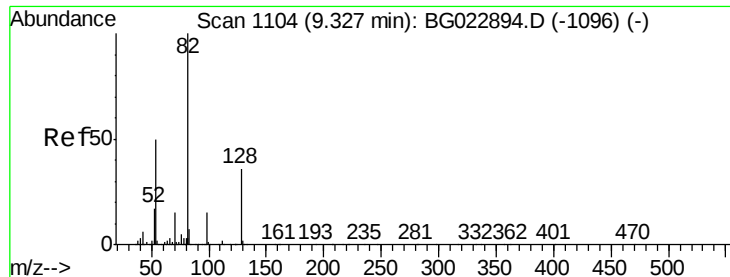
Tgt Ion:	136	Resp:	579480
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	8.0	7.3	10.9
68	6.0	5.3	7.9



#22
Acetophenone
Concen: 28.28 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:	105	Resp:	491840
Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.6	3.8#
51	30.0	27.1	40.7
120	18.5	15.1	22.7

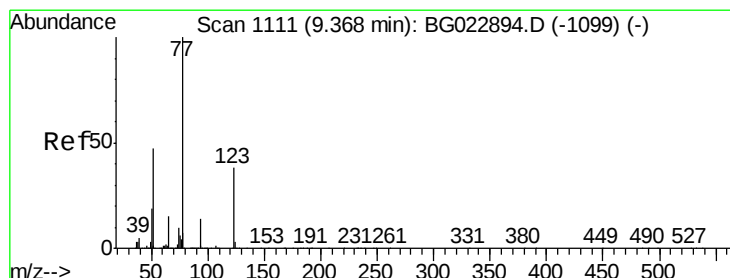
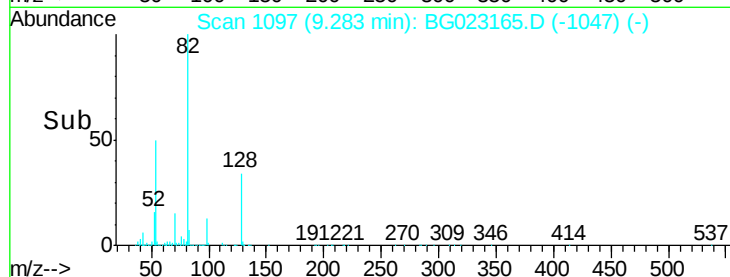
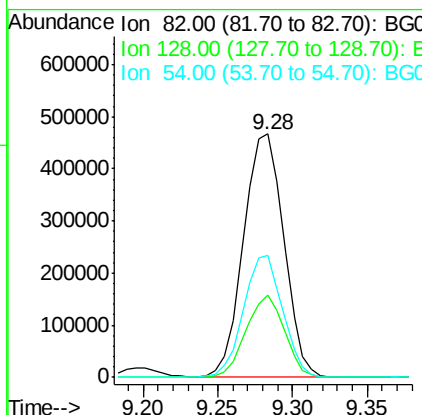
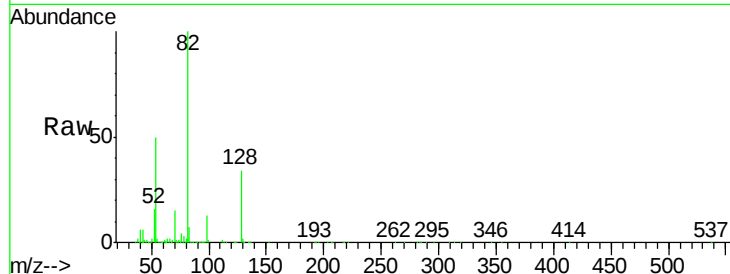




#23
 Nitrobenzene-d5
 Concen: 64.29 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

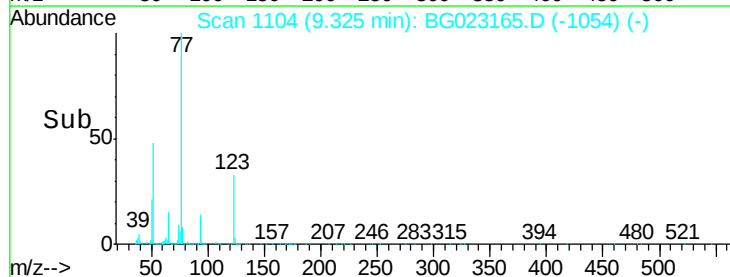
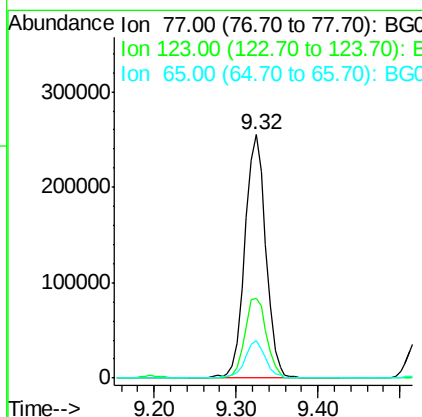
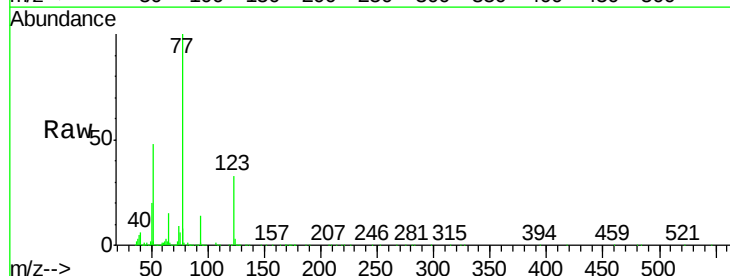
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

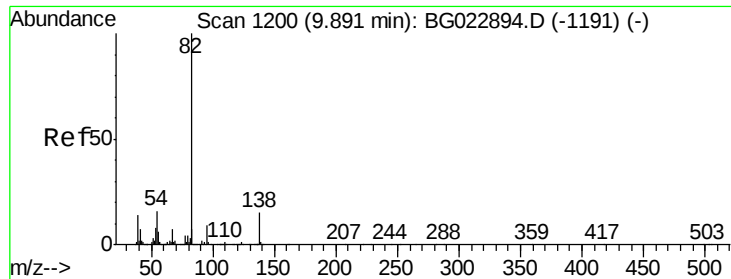
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.0	24.4	36.6
54	50.1	41.4	62.0



#24
 Nitrobenzene
 Concen: 31.60 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.0	25.0	37.6
65	15.2	13.4	20.0





#25

Isophorone

Concen: 30.40 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

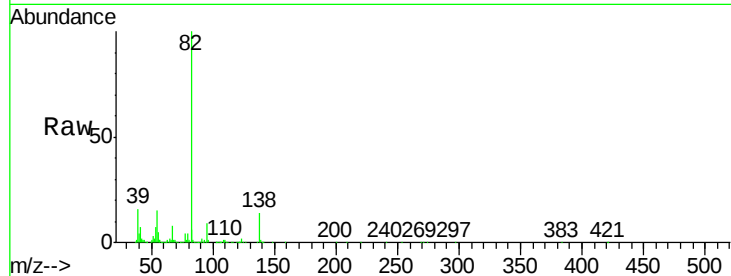
Tgt Ion: 82 Resp: 827530

Ion Ratio Lower Upper

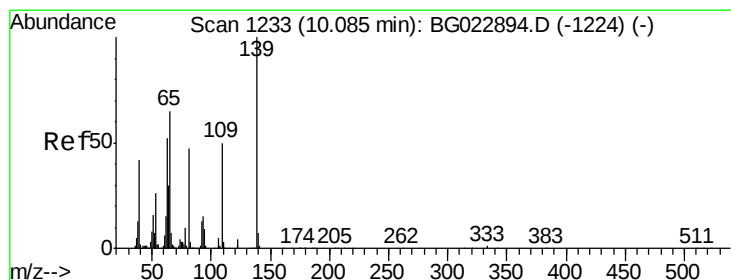
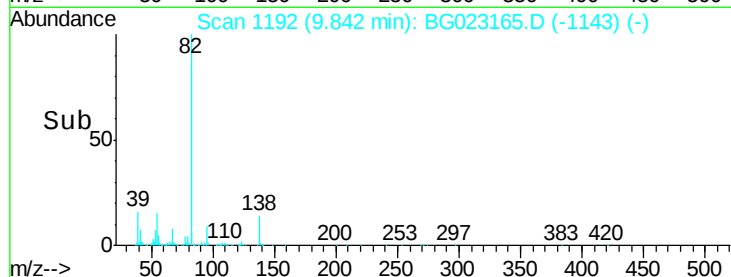
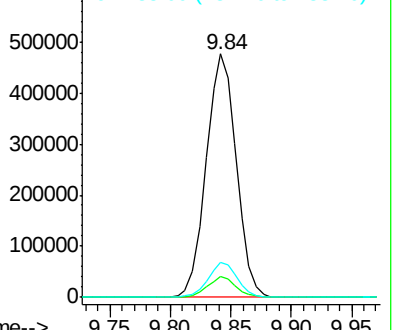
82 100

95 8.8 8.2 12.2

138 14.3 10.7 16.1



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



#26

2-Nitrophenol

Concen: 30.13 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

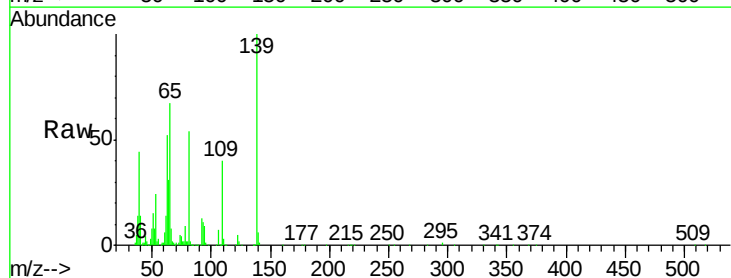
Tgt Ion: 139 Resp: 170016

Ion Ratio Lower Upper

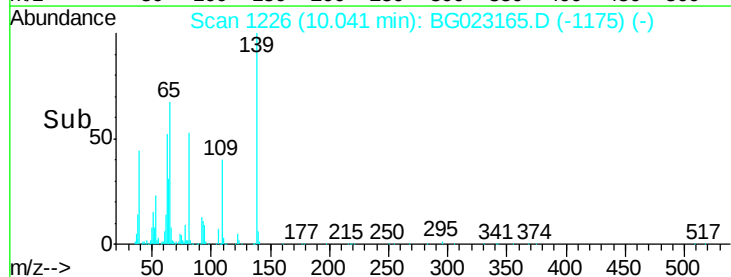
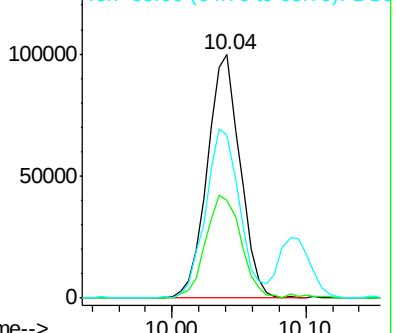
139 100

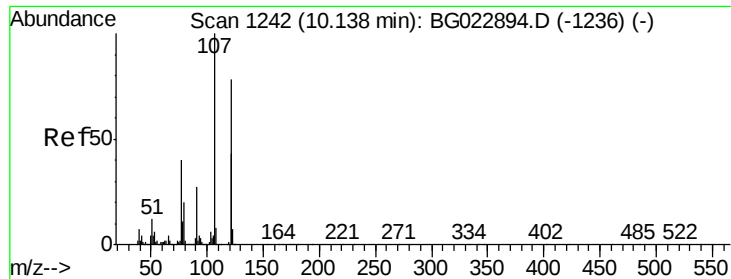
109 40.2 43.5 65.3#

65 67.1 64.3 96.5



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

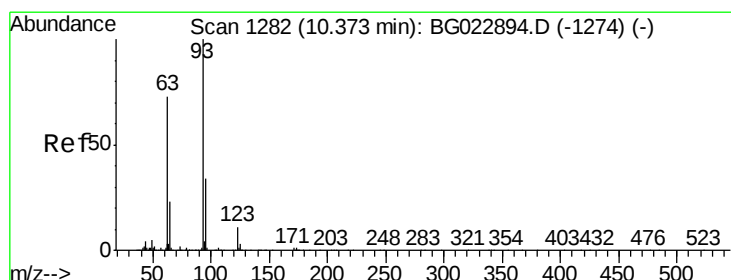
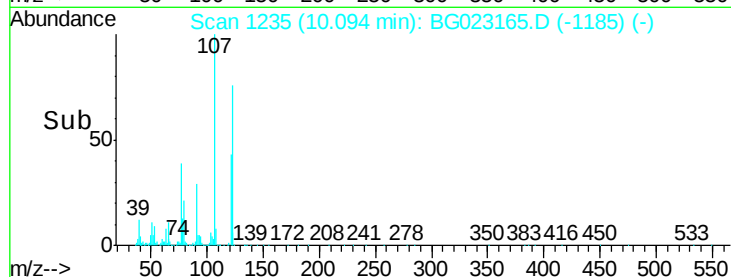
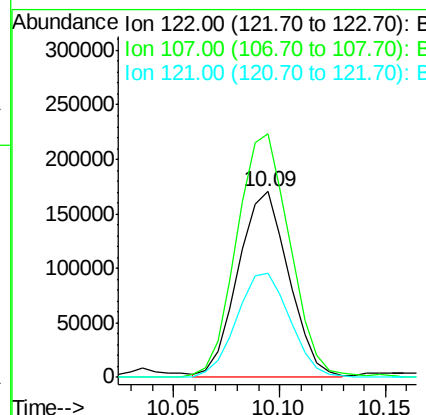
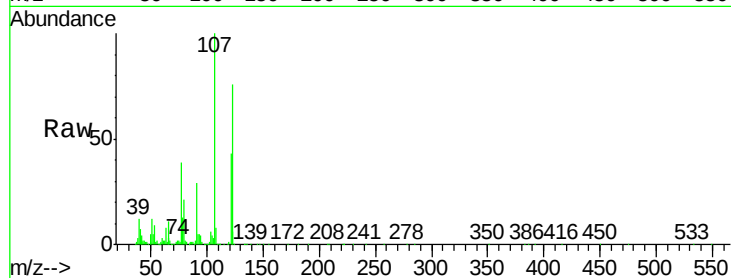




#27
2,4-Dimethylphenol
Concen: 29.19 ng
RT: 10.09 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

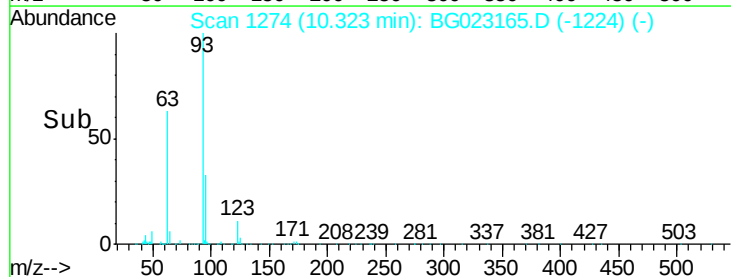
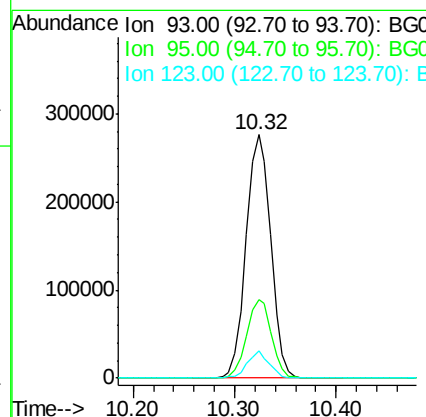
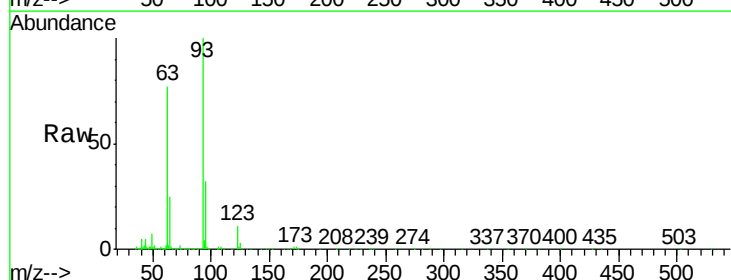
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

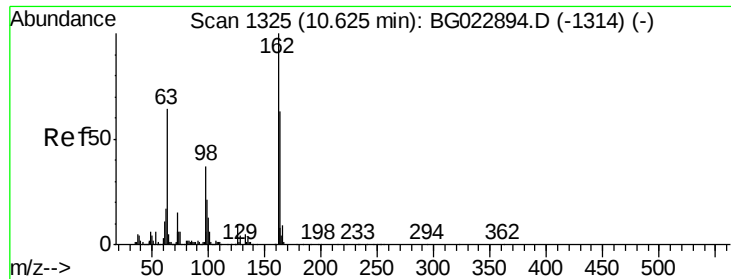
Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.0	117.0	175.4
121	56.3	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 30.72 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	11.2	8.2	12.2

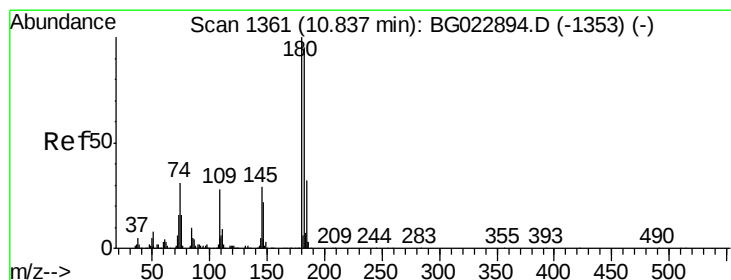
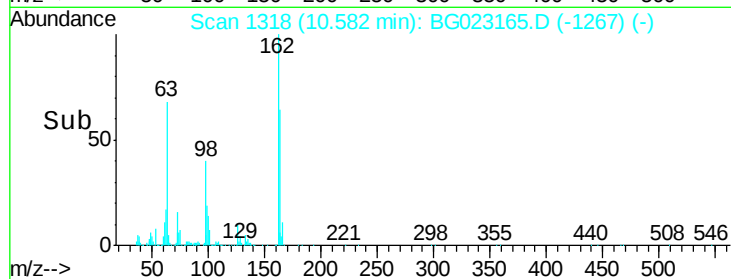
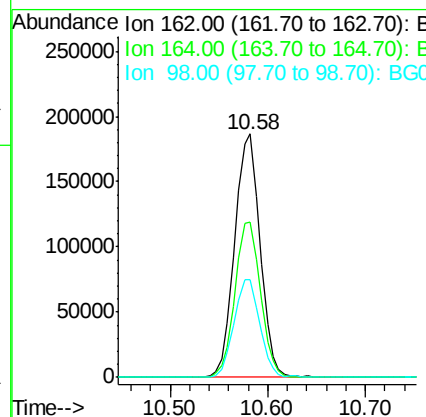
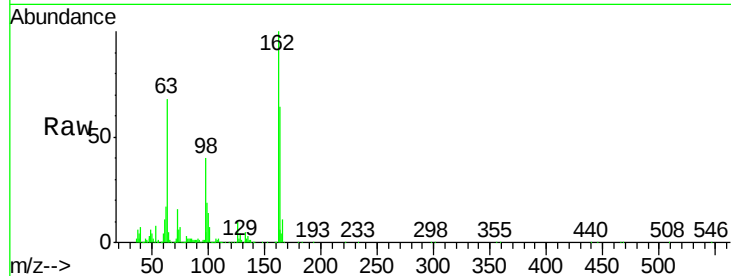




#29
2,4-Dichlorophenol
Concen: 32.49 ng
RT: 10.58 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

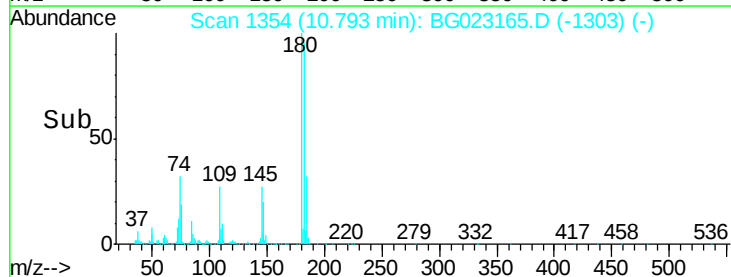
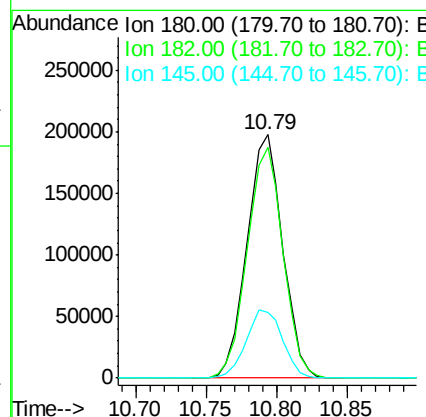
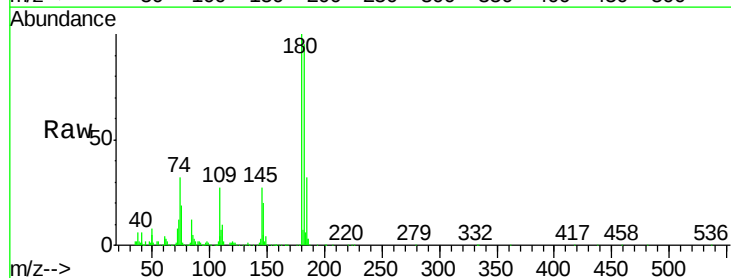
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

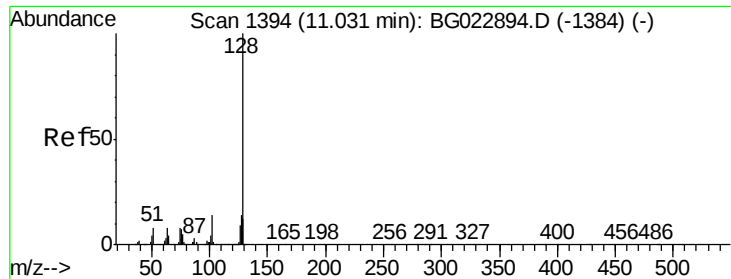
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.3	84.3
98	39.9	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 29.41 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	73.8	110.8
145	27.2	24.4	36.6





#31

Naphthalene

Concen: 31.07 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

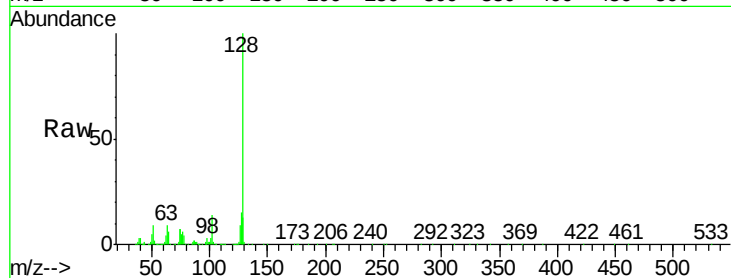
Tgt Ion:128 Resp: 916612

Ion Ratio Lower Upper

128 100

129 12.5 9.4 14.0

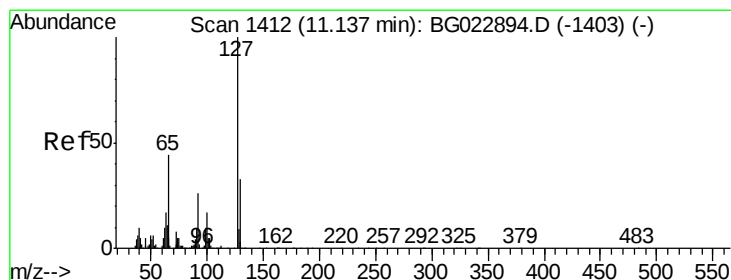
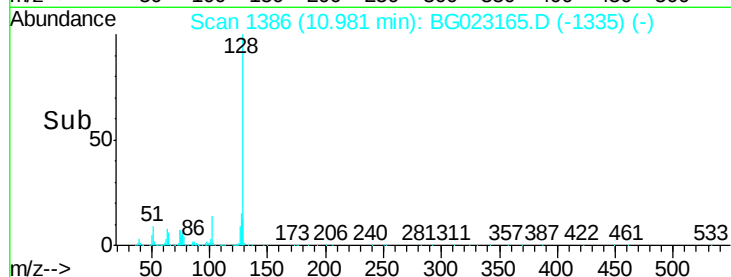
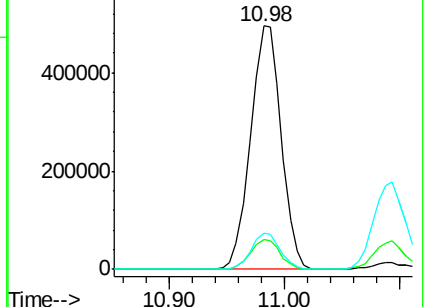
127 15.0 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 23.86 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Tgt Ion:127 Resp: 344265

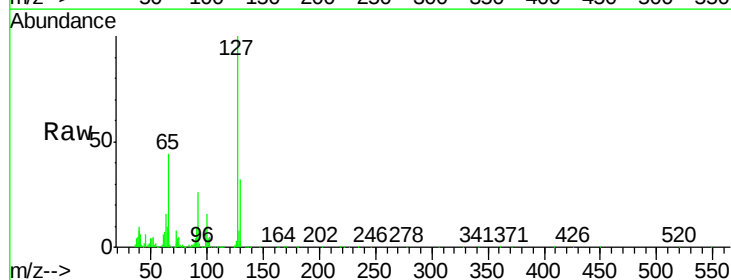
Ion Ratio Lower Upper

127 100

129 32.1 27.9 41.9

65 44.5 36.8 55.2

92 26.2 21.0 31.6

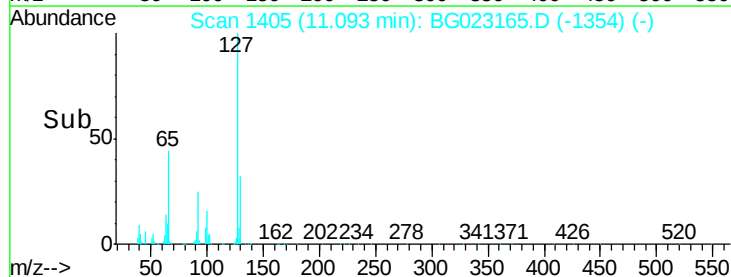
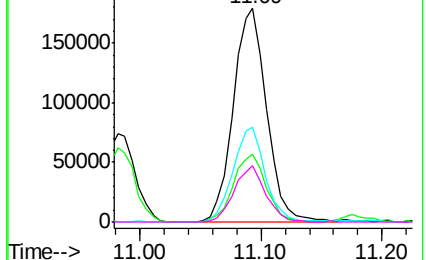


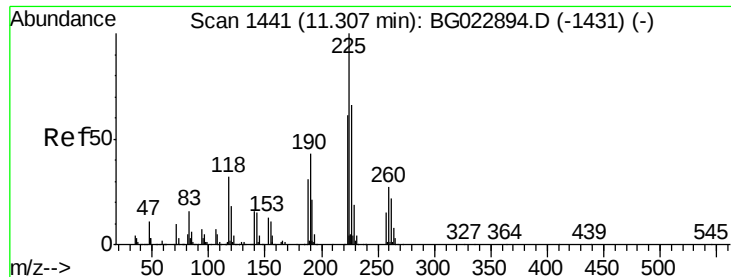
Abundance Ion 127.00 (126.70 to 127.70): E

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: 26.86 ng

RT: 11.26 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

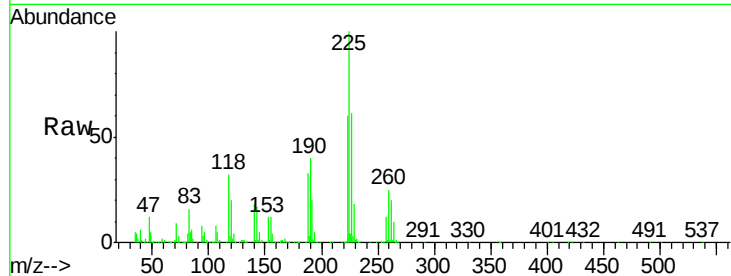
Tgt Ion:225 Resp: 259577

Ion Ratio Lower Upper

225 100

223 59.6 49.6 74.4

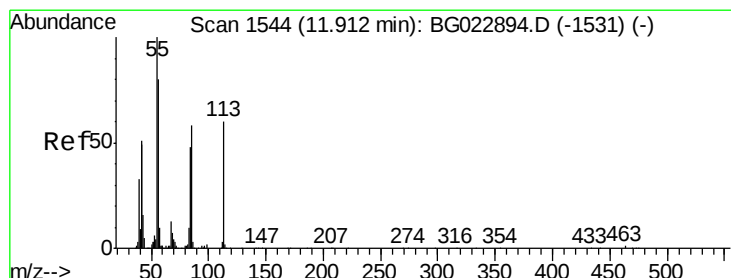
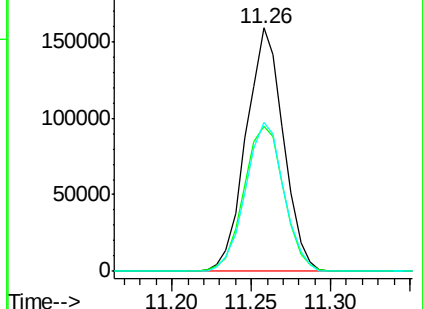
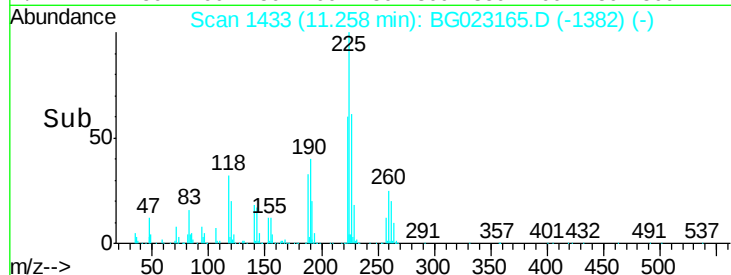
227 61.1 54.5 81.7



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: 19.49 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

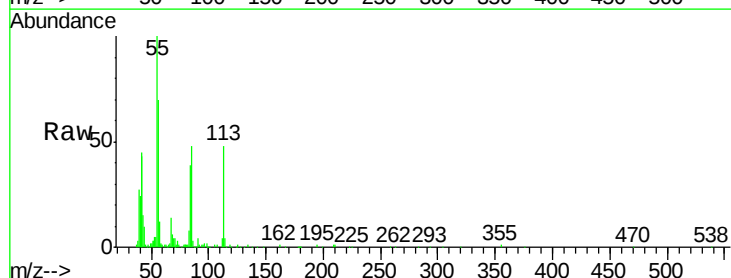
Tgt Ion:113 Resp: 83413

Ion Ratio Lower Upper

113 100

55 209.1 154.5 194.5#

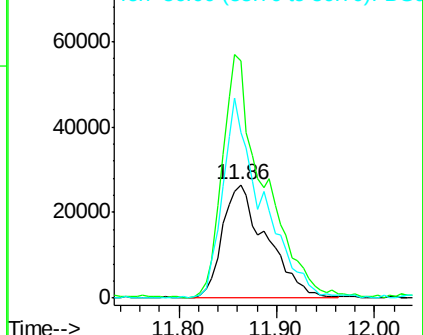
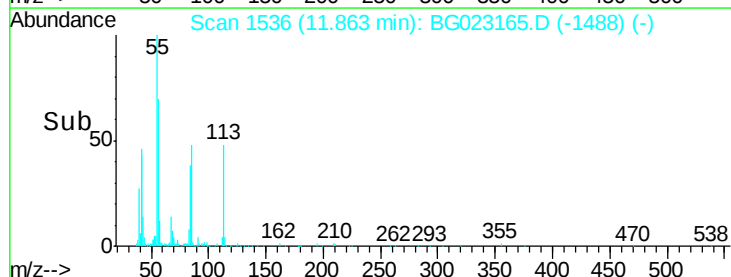
56 145.8 125.1 165.1

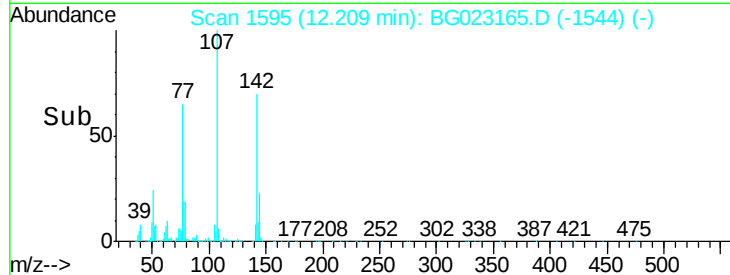
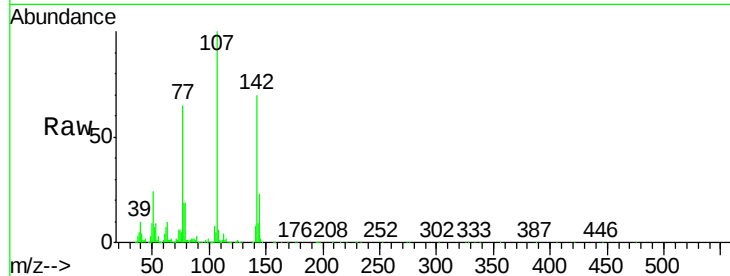
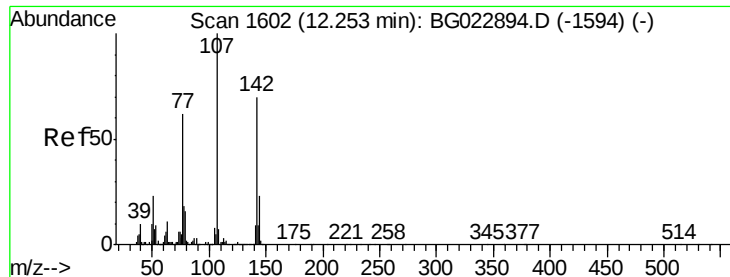


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

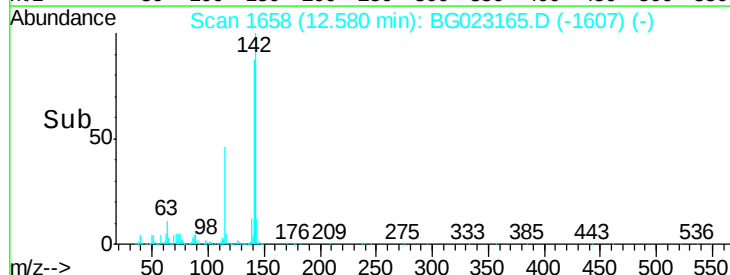
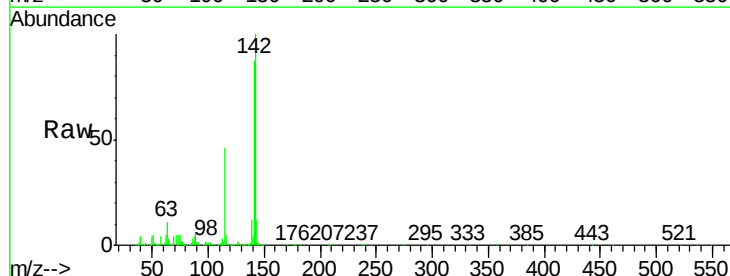
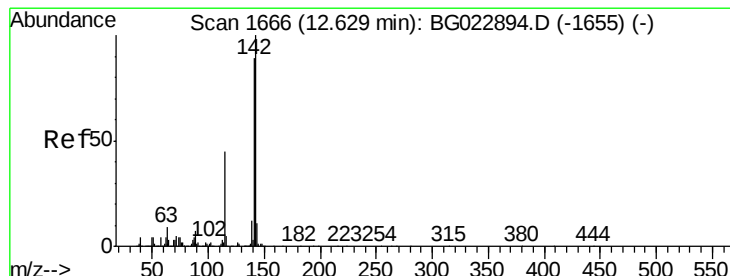
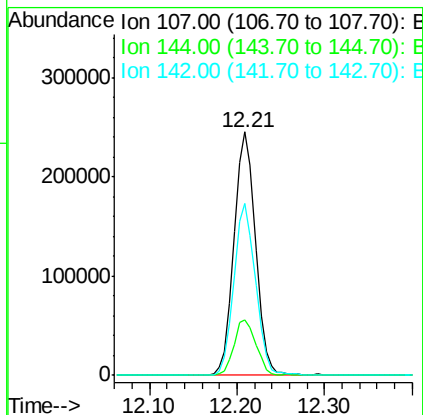




#36
 4-Chloro-3-methylphenol
 Concen: 28.74 ng
 RT: 12.21 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

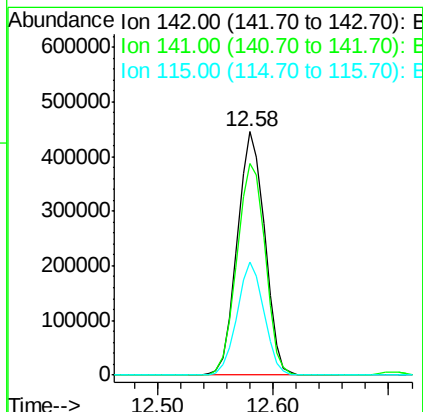
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

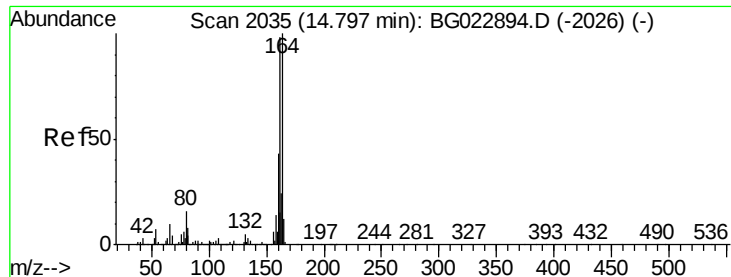
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.0	25.6
142	70.5	53.0	79.6



#37
 2-Methylnaphthalene
 Concen: 31.50 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.2	105.2
115	46.3	41.7	62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

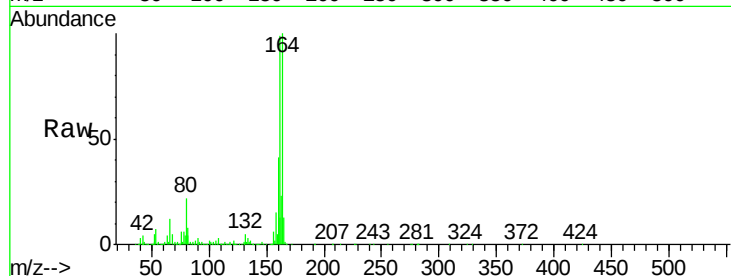
Tgt Ion:164 Resp: 397624

Ion Ratio Lower Upper

164 100

162 99.3 87.7 131.5

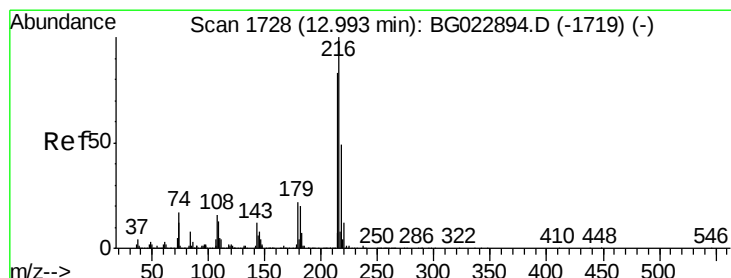
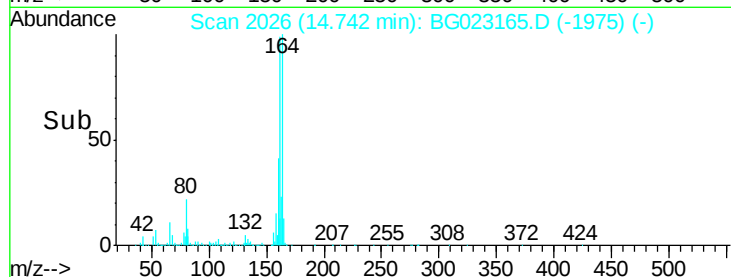
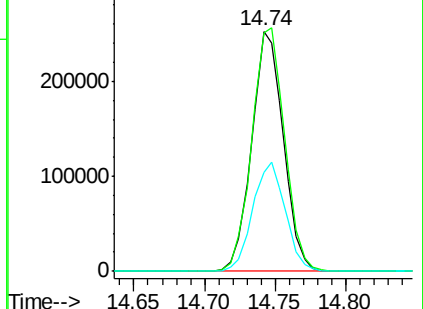
160 41.3 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.86 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Tgt Ion:216 Resp: 443073

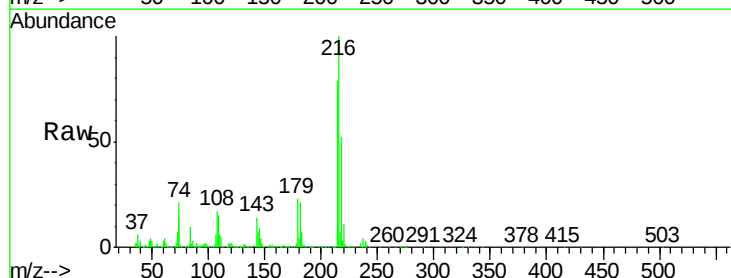
Ion Ratio Lower Upper

216 100

214 80.1 62.9 94.3

179 21.5 17.2 25.8

108 19.0 16.3 24.5

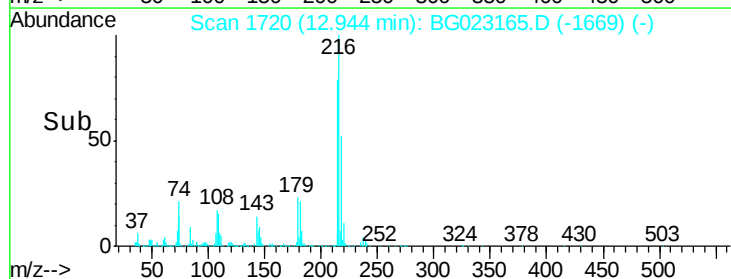
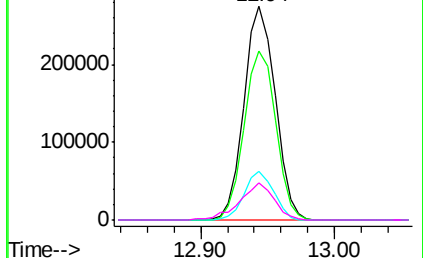


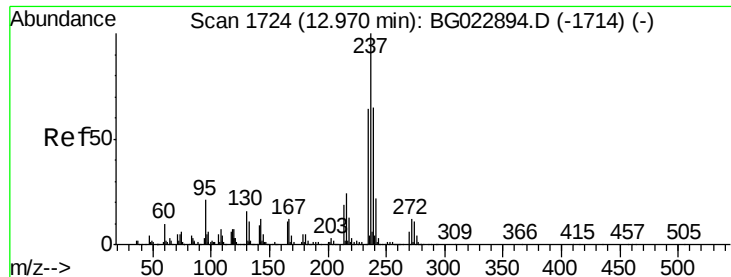
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 32.59 ng

RT: 12.92 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

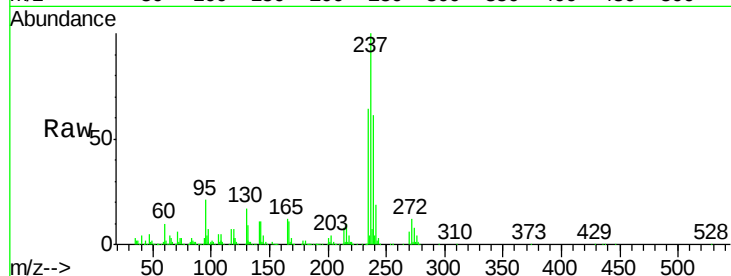
Tgt Ion: 237 Resp: 321455

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

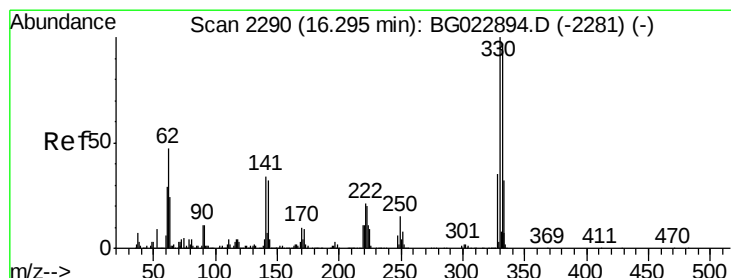
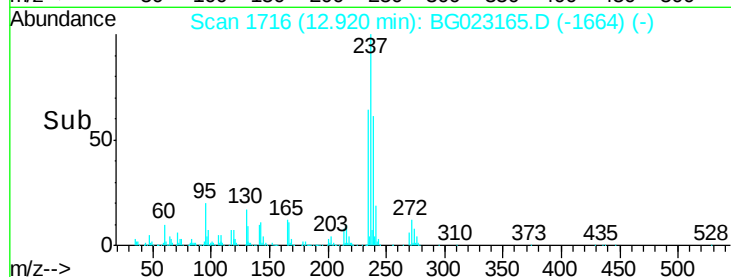
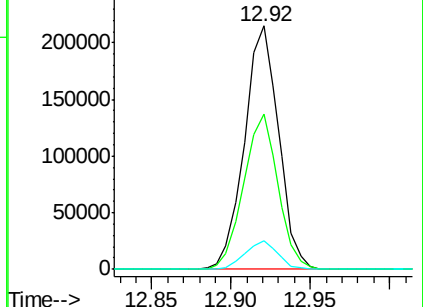
272 11.8 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 70.44 ng

RT: 16.23 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

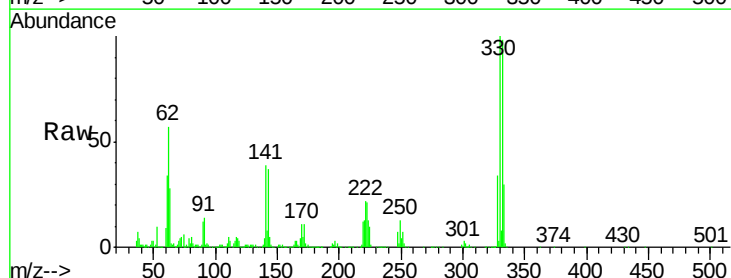
Tgt Ion: 330 Resp: 503365

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

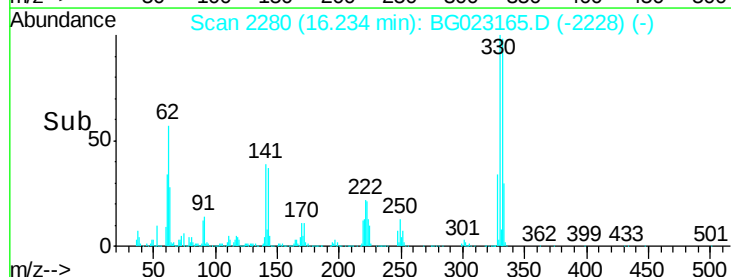
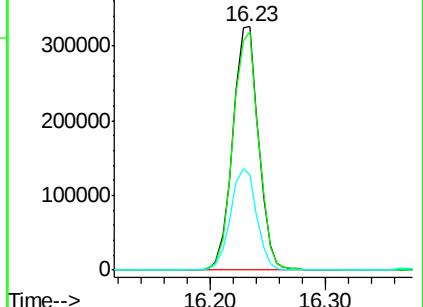
141 42.8 31.7 47.5

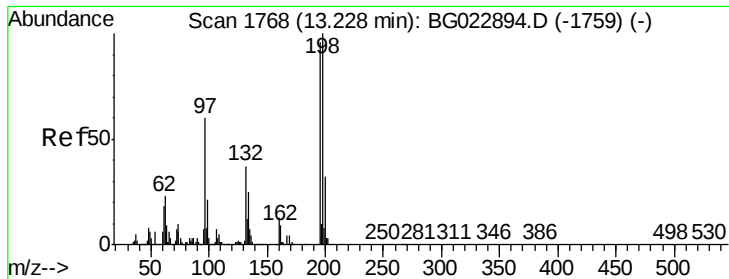


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

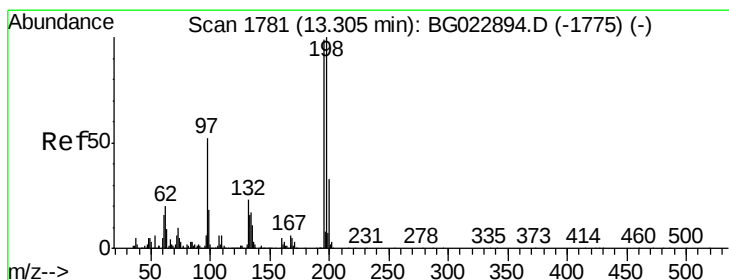
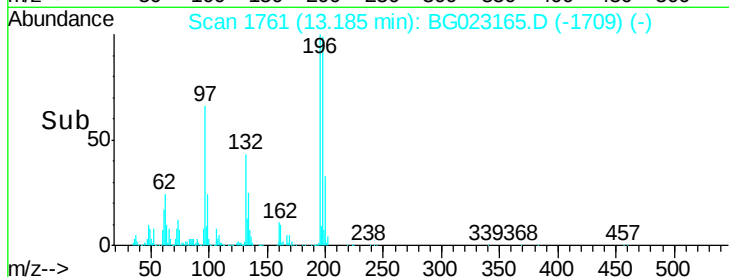
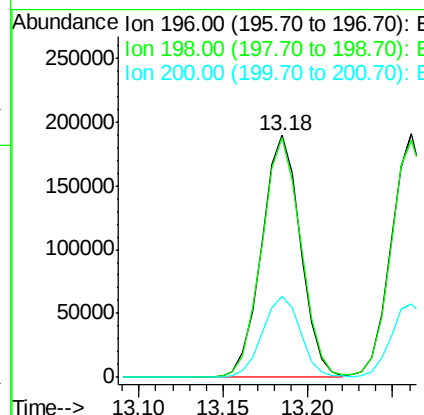
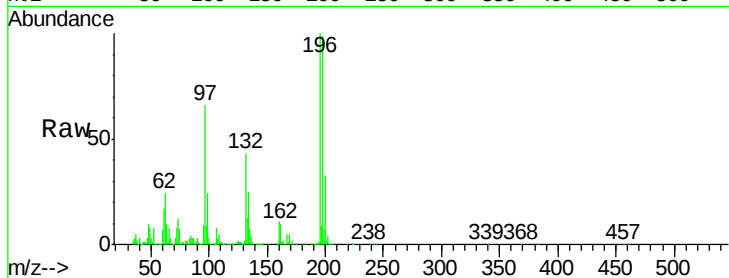




#42
2,4,6-Trichlorophenol
Concen: 30.66 ng
RT: 13.18 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

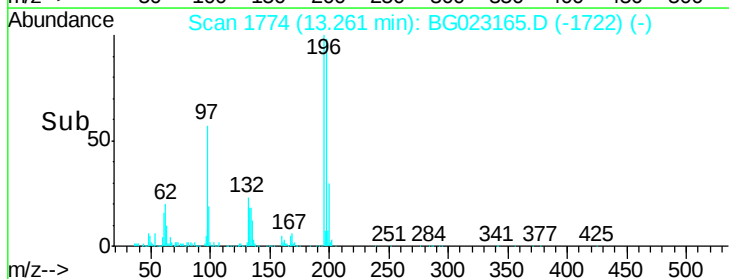
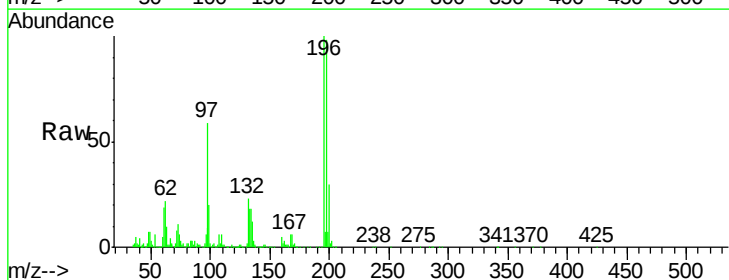
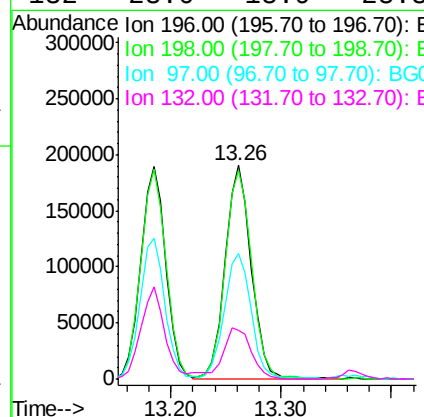
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

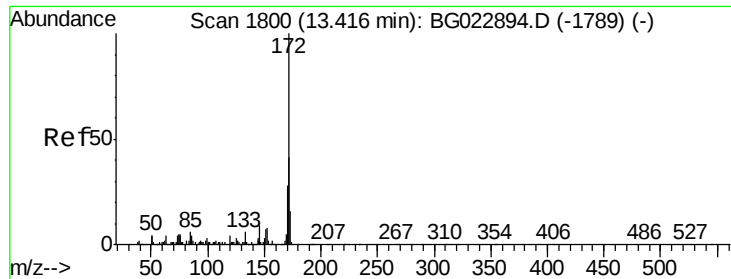
Tgt Ion:196 Resp: 301922
Ion Ratio Lower Upper
196 100
198 98.9 78.2 117.2
200 33.4 27.0 40.4



#43
2,4,5-Trichlorophenol
Concen: 30.95 ng
RT: 13.26 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:196 Resp: 313027
Ion Ratio Lower Upper
196 100
198 97.6 85.7 128.5
97 58.6 45.5 68.3
132 23.0 18.9 28.3

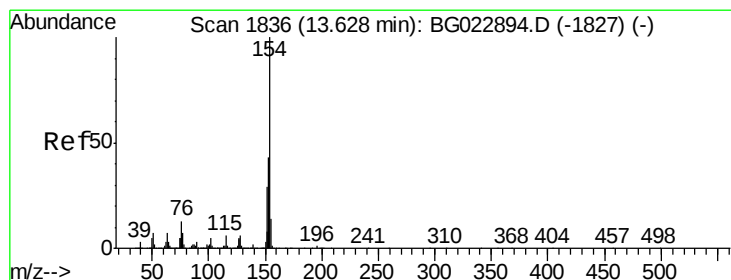
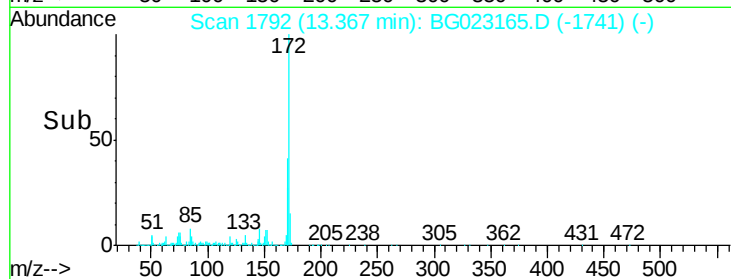
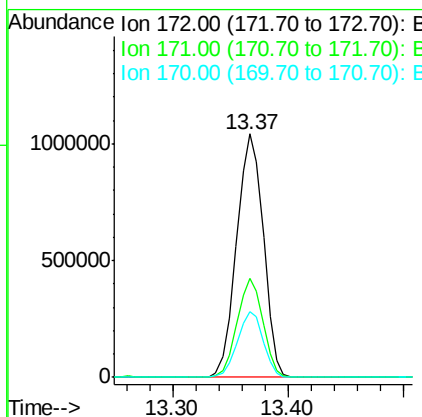
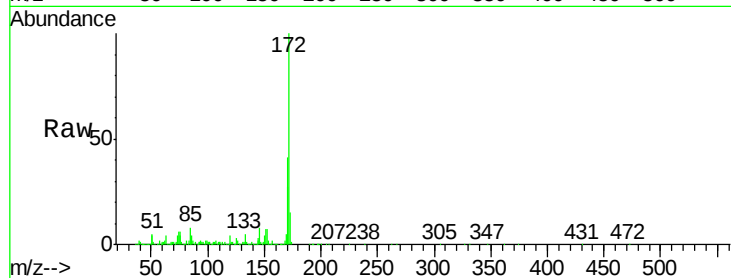




#44
2-Fluorobiphenyl
Concen: 66.04 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

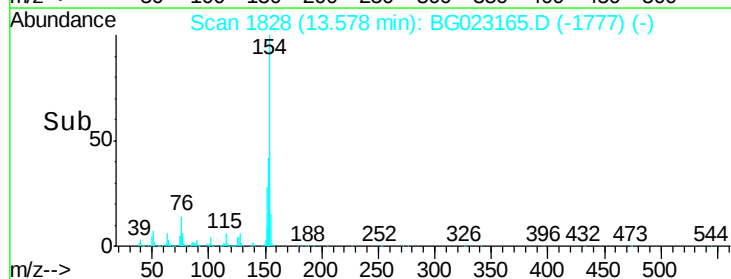
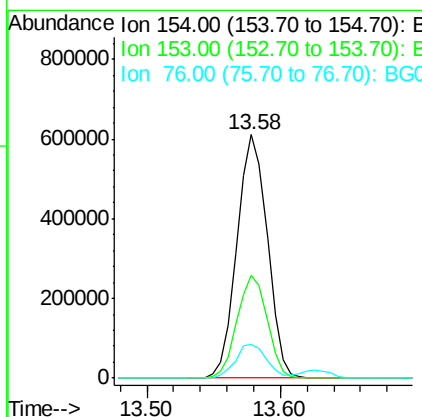
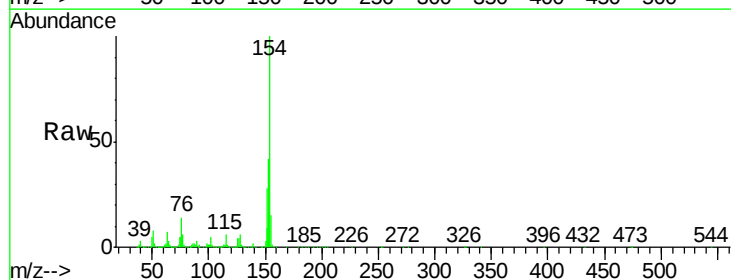
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

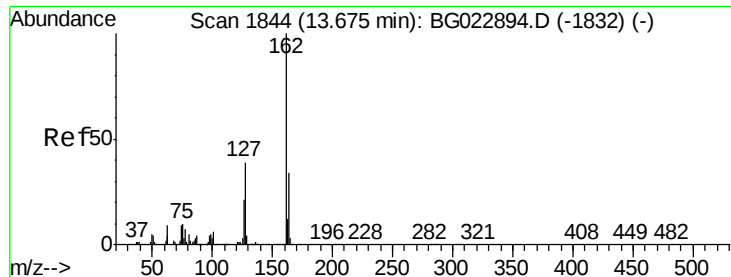
Tgt Ion:172 Resp: 1667135
Ion Ratio Lower Upper
172 100
171 40.8 31.6 47.4
170 27.0 21.3 31.9



#45
1,1'-Biphenyl
Concen: 32.20 ng
RT: 13.58 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:154 Resp: 960688
Ion Ratio Lower Upper
154 100
153 42.1 20.2 60.2
76 14.0 0.0 32.9

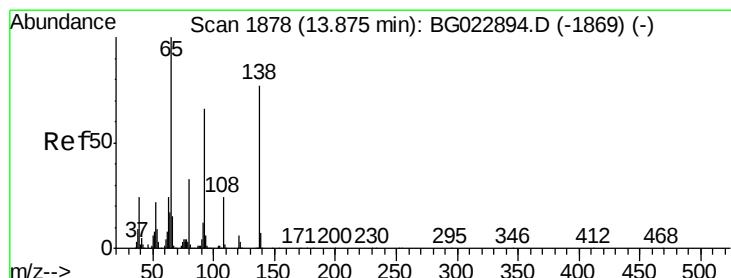
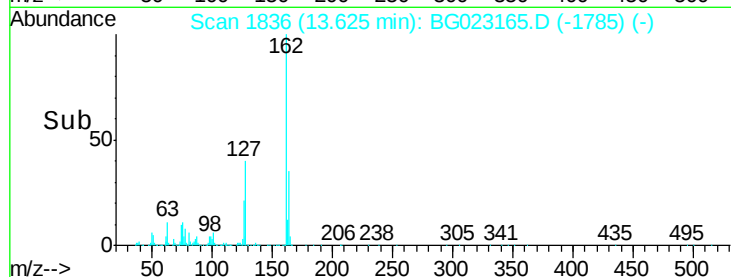
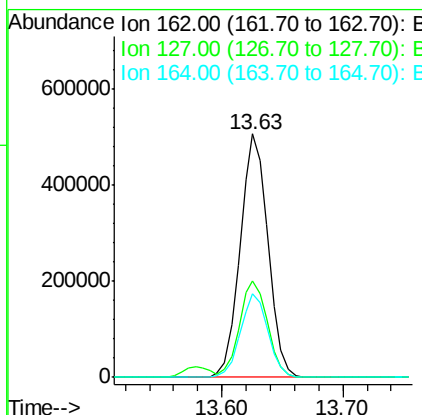
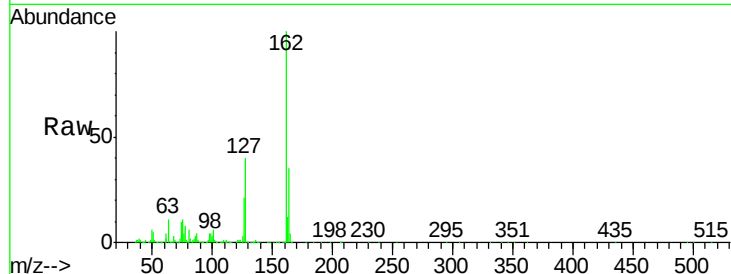




#46
 2-Chloronaphthalene
 Concen: 33.49 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

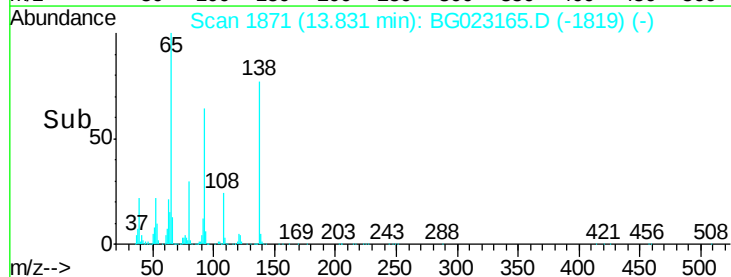
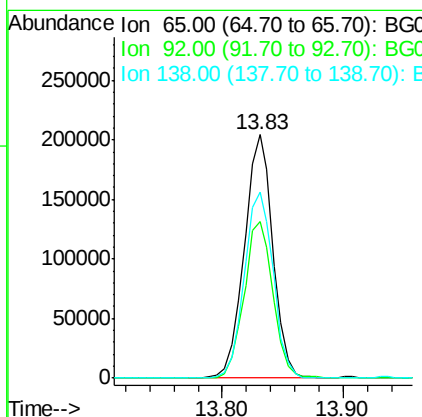
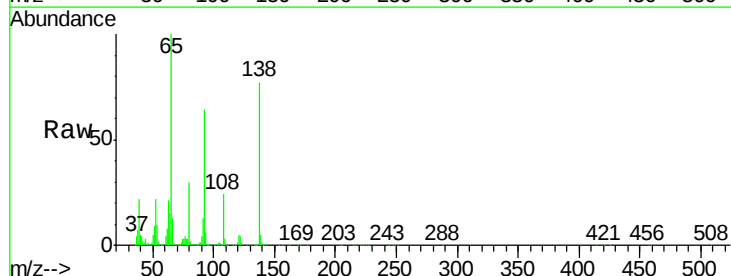
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

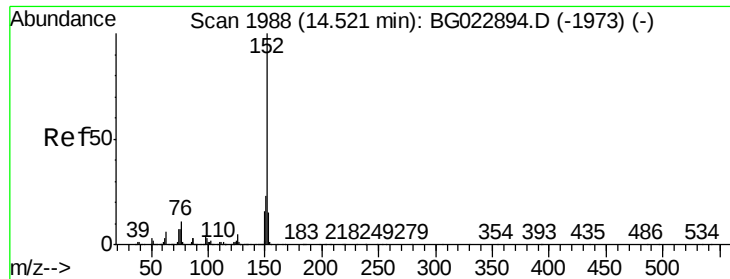
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.4	48.6
164	34.5	25.2	37.8



#47
 2-Nitroaniline
 Concen: 32.50 ng
 RT: 13.83 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	49.4	74.0
138	76.6	58.0	87.0





#48

Acenaphthylene

Concen: 32.98 ng

RT: 14.47 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

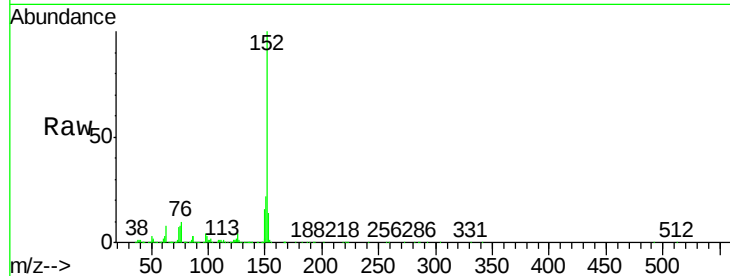
Tgt Ion:152 Resp: 1197316

Ion Ratio Lower Upper

152 100

151 22.1 17.6 26.4

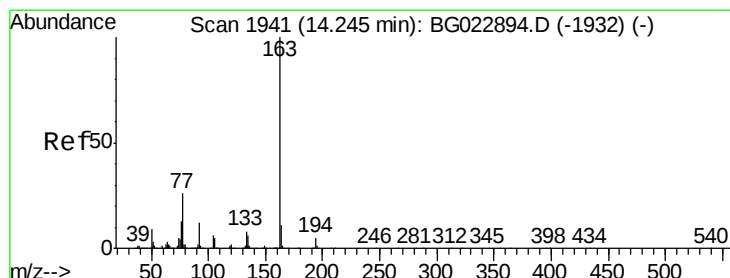
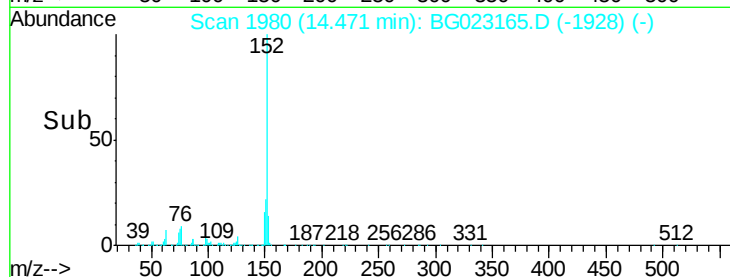
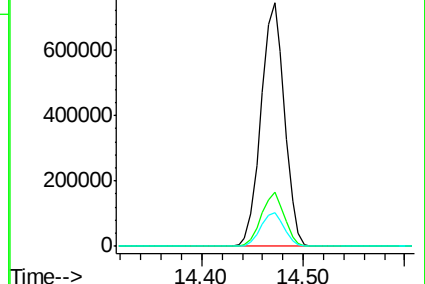
153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.89 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

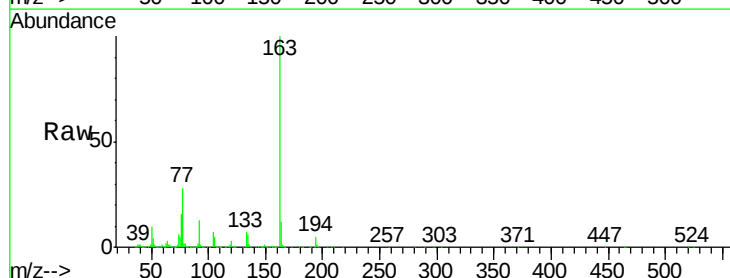
Tgt Ion:163 Resp: 1490472

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

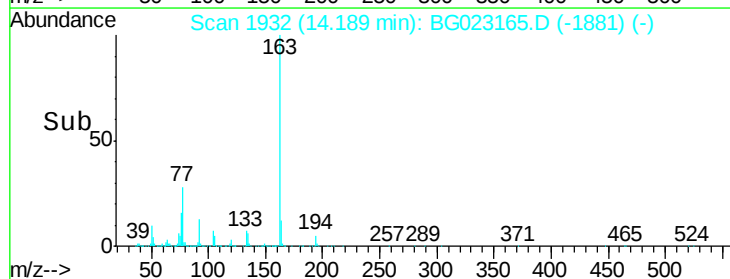
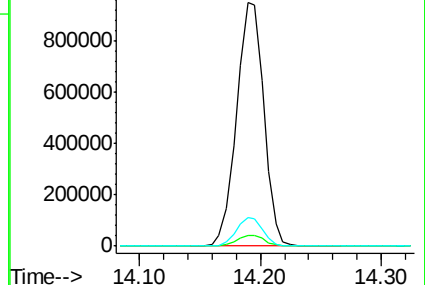
164 11.6 8.1 12.1

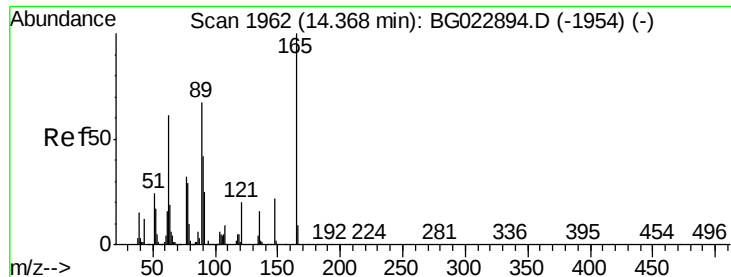


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

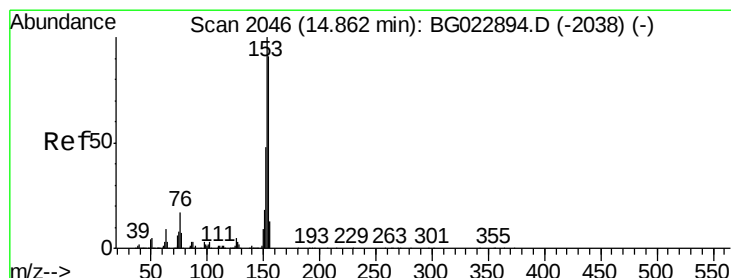
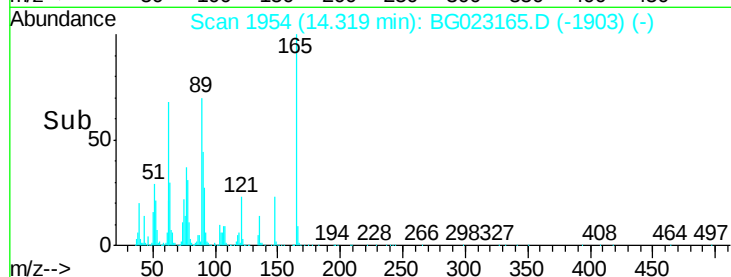
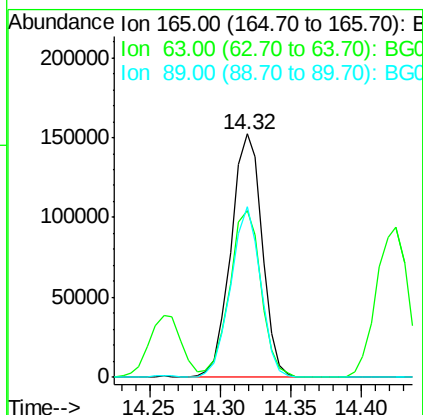
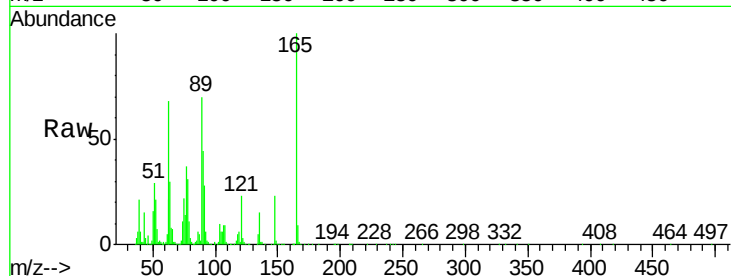




#50
2,6-Dinitrotoluene
Concen: 32.08 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

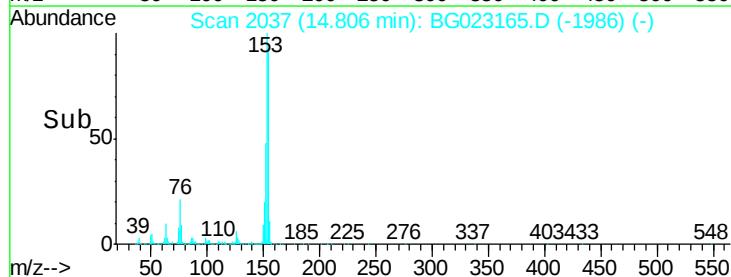
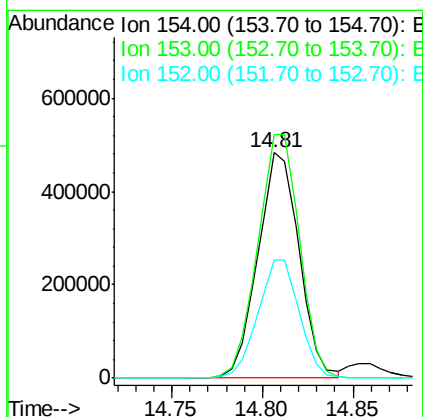
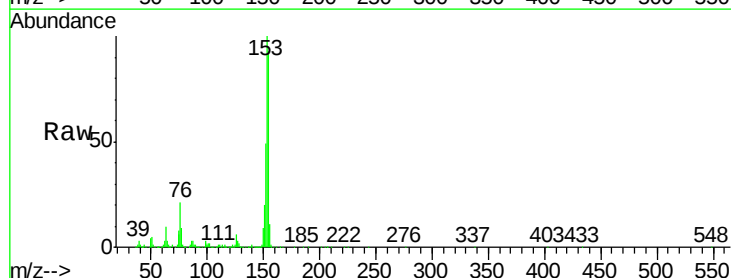
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

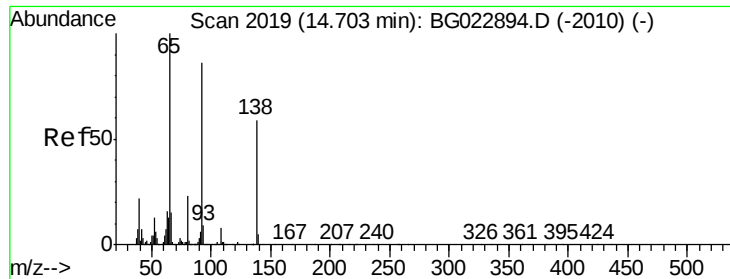
Tgt Ion:165 Resp: 234159
Ion Ratio Lower Upper
165 100
63 68.4 64.3 96.5
89 70.3 64.3 96.5



#51
Acenaphthene
Concen: 32.16 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:154 Resp: 762959
Ion Ratio Lower Upper
154 100
153 107.9 87.5 131.3
152 52.7 42.7 64.1





#52

3-Nitroaniline

Concen: 29.77 ng

RT: 14.65 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

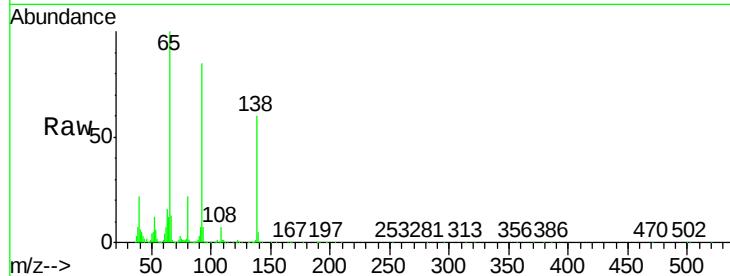
Tgt Ion:138 Resp: 216696

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

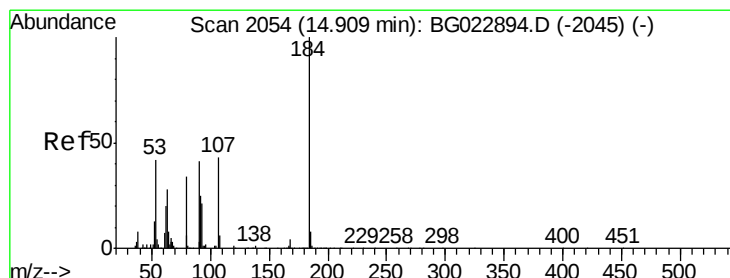
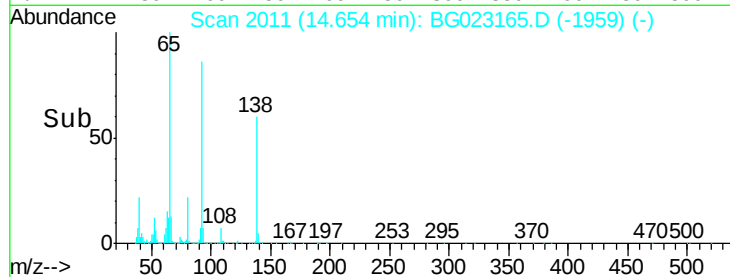
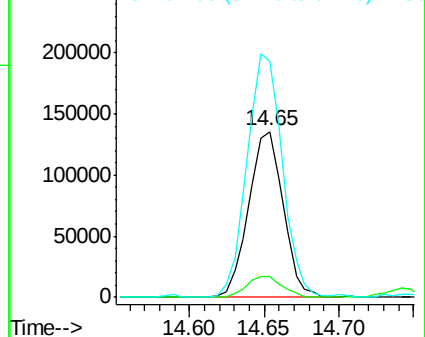
92 142.0 129.7 194.5



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: 13.65 ng

RT: 14.86 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

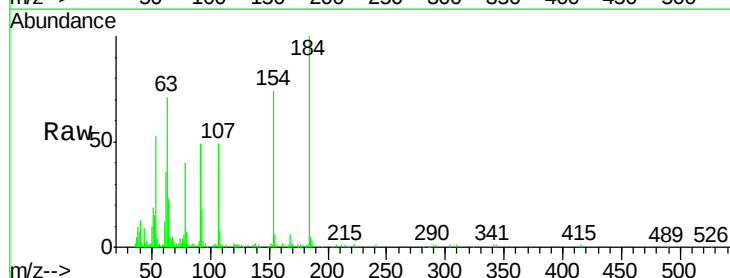
Tgt Ion:184 Resp: 68368

Ion Ratio Lower Upper

184 100

63 71.0 59.6 89.4

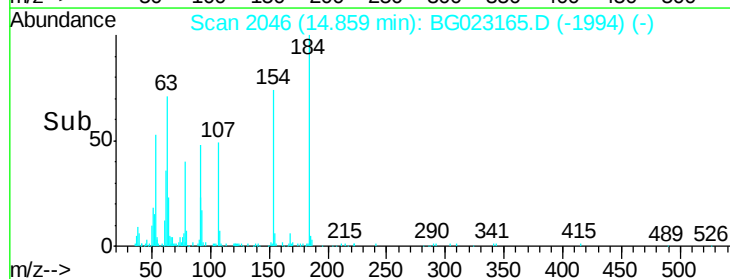
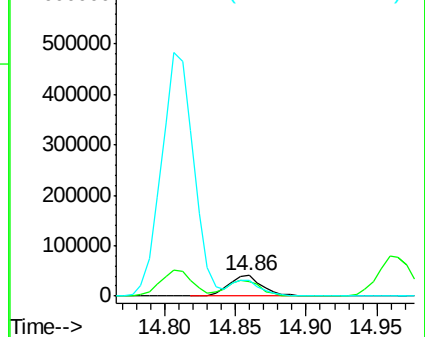
154 74.5 67.4 101.0

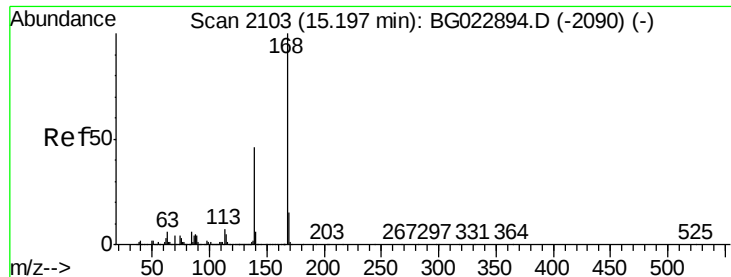


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 34.67 ng

RT: 15.14 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

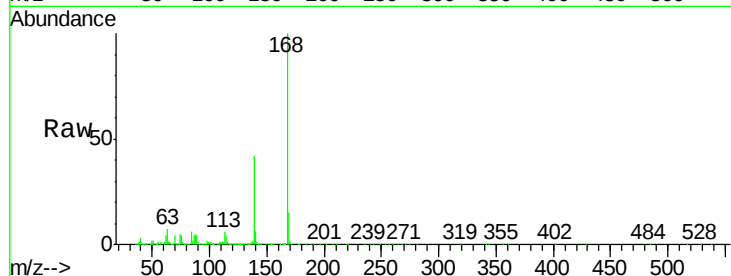
Tgt Ion:168 Resp: 1231098

Ion Ratio Lower Upper

168 100

139 42.2 36.4 54.6

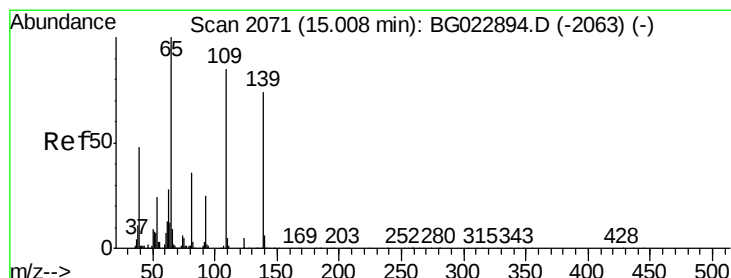
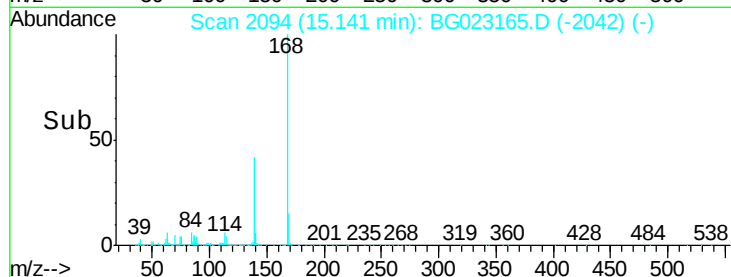
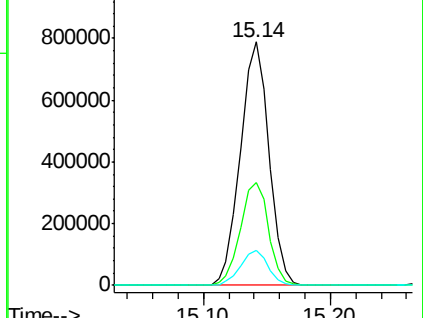
169 14.5 11.9 17.9



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: 56.05 ng

RT: 14.97 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

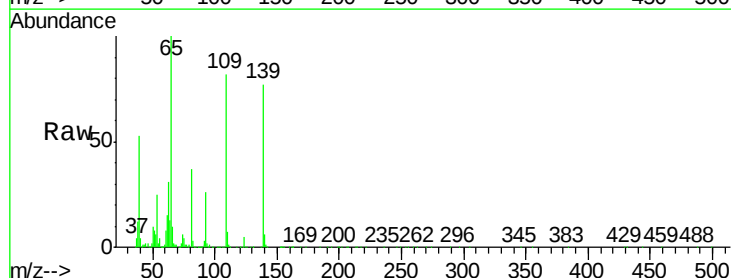
Tgt Ion:139 Resp: 341977

Ion Ratio Lower Upper

139 100

109 106.1 103.0 143.0

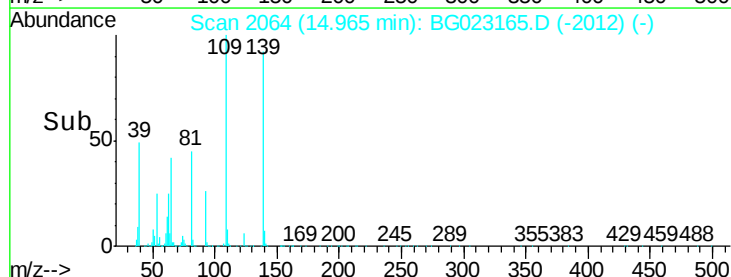
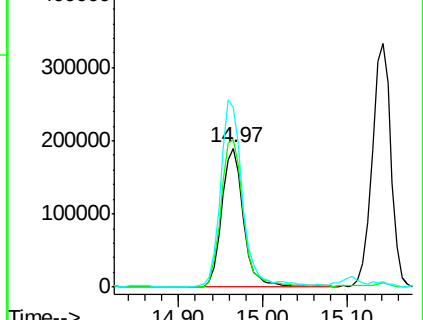
65 129.2 112.7 152.7

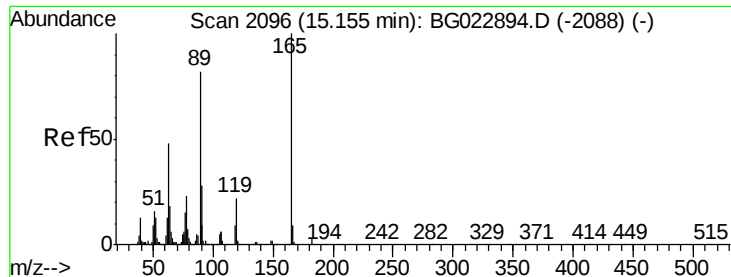


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

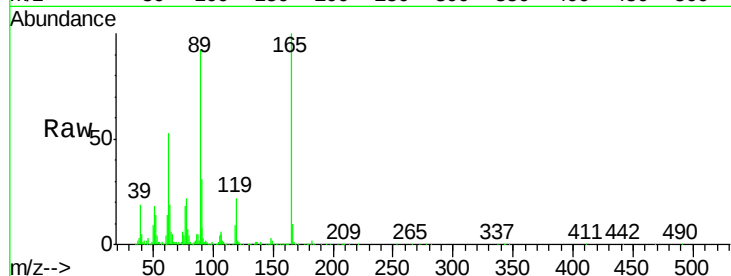




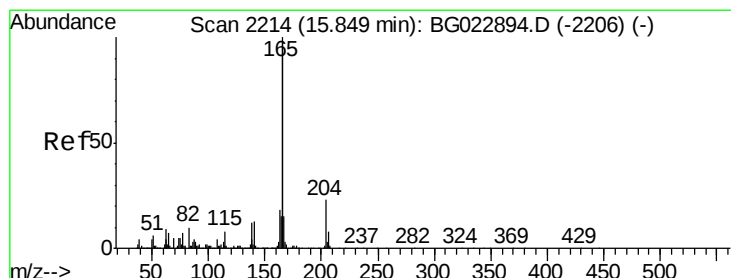
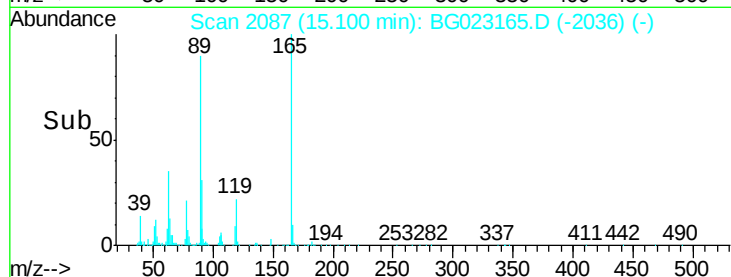
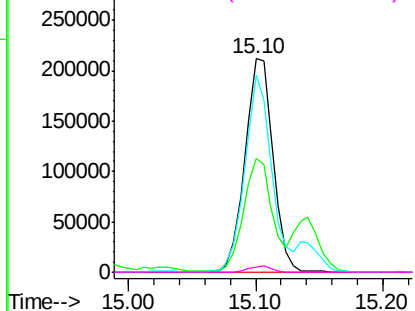
#56
2,4-Dinitrotoluene
Concen: 30.65 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

Tgt Ion:165 Resp: 326207
Ion Ratio Lower Upper
165 100
63 53.1 45.8 68.6
89 92.2 68.6 102.8
182 2.3 2.0 3.0

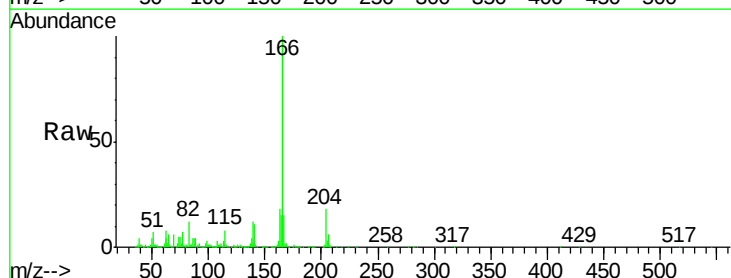


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

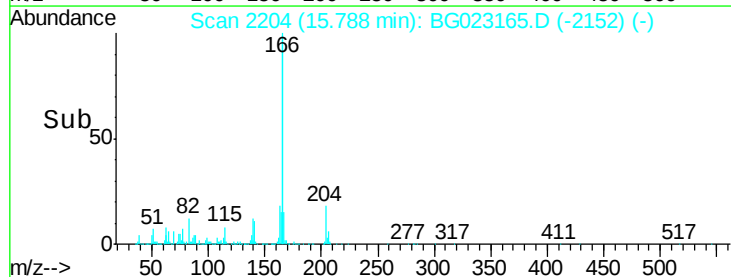
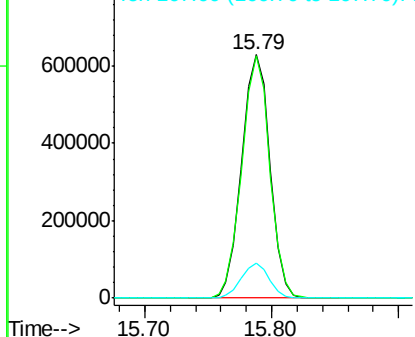


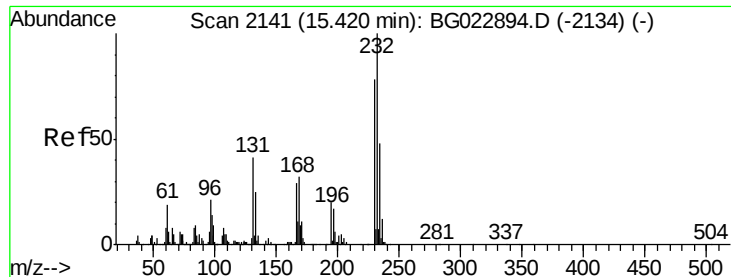
#57
Fluorene
Concen: 31.84 ng
RT: 15.79 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:166 Resp: 973242
Ion Ratio Lower Upper
166 100
165 99.4 81.0 121.6
167 14.6 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

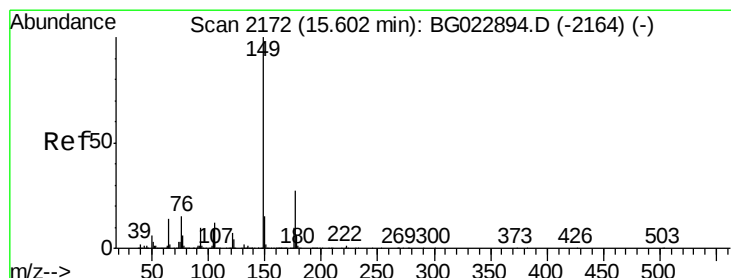
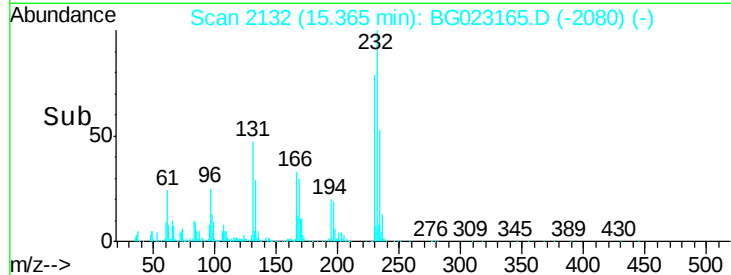
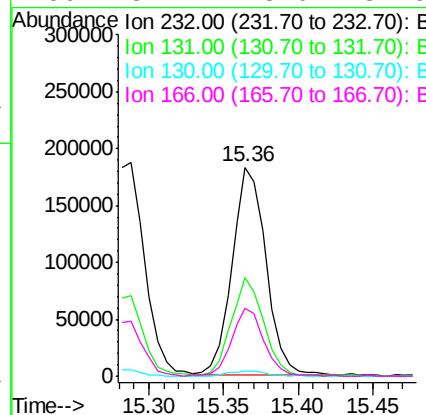
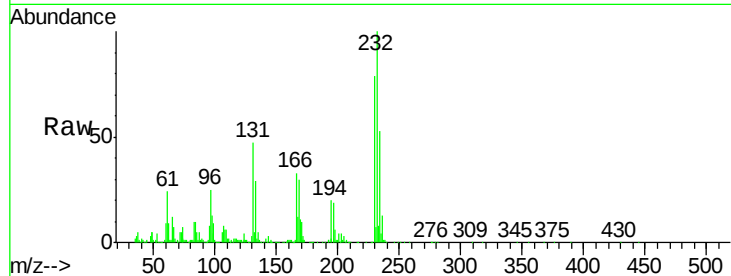




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.71 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

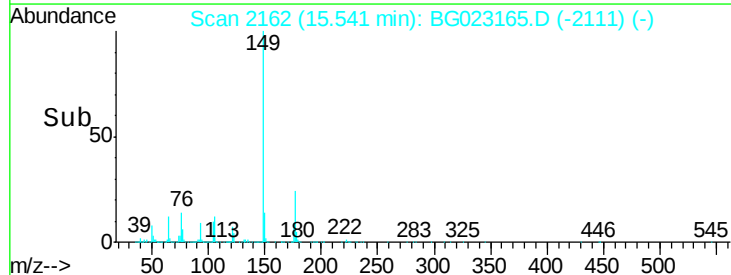
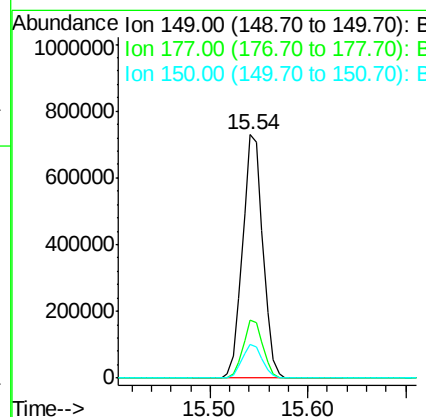
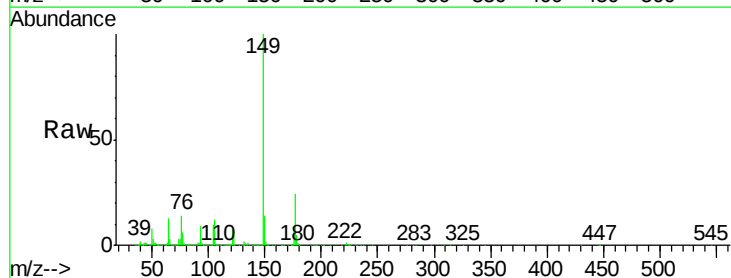
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

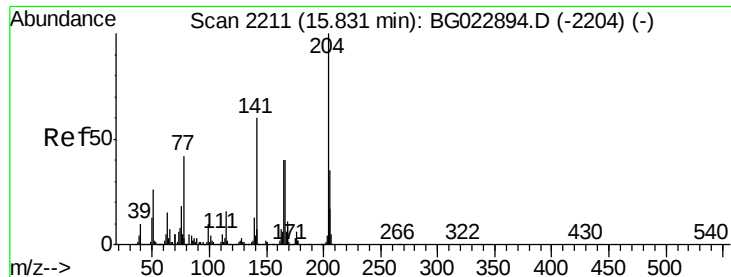
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	32.7	49.1
130	2.9	2.6	3.8
166	31.7	23.0	34.6



#59
 Diethylphthalate
 Concen: 31.65 ng
 RT: 15.54 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.2	28.8
150	13.6	10.6	16.0

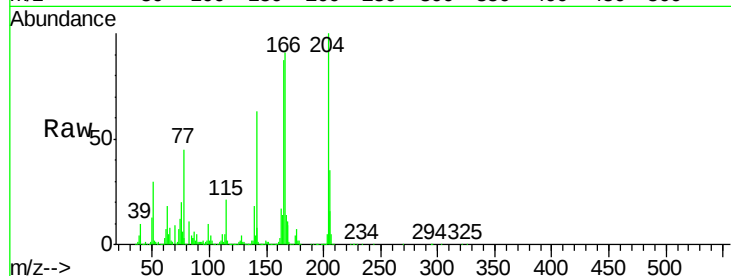




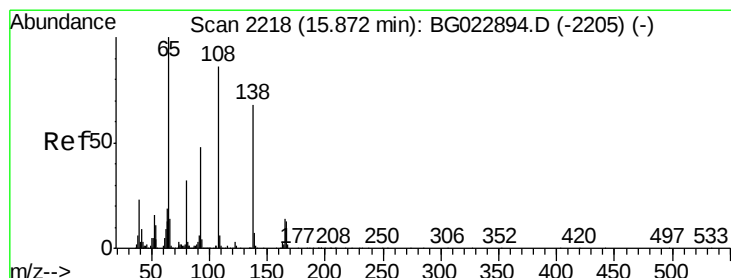
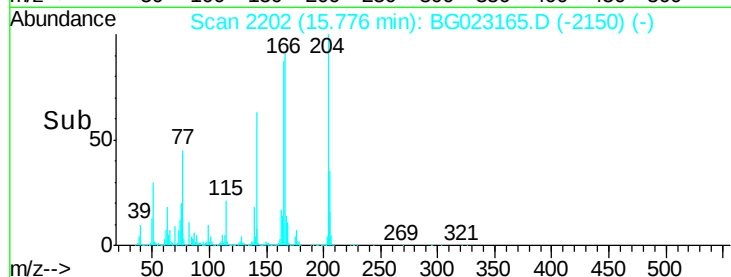
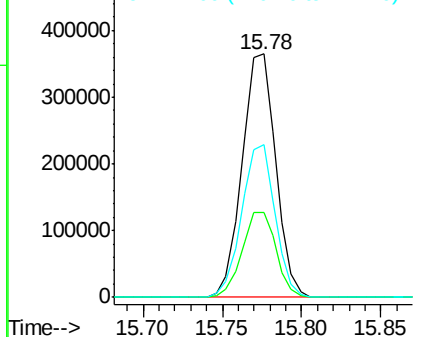
#60
4-Chlorophenyl-phenylether
Concen: 28.87 ng
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	63.0	51.4	77.0

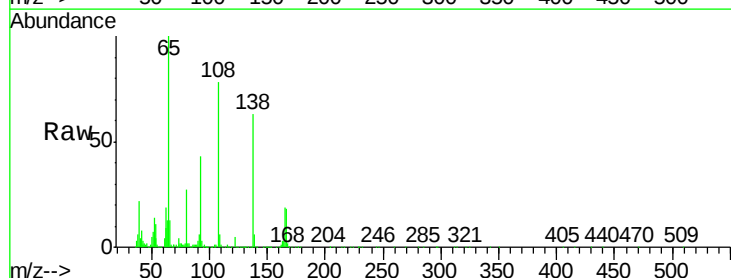


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

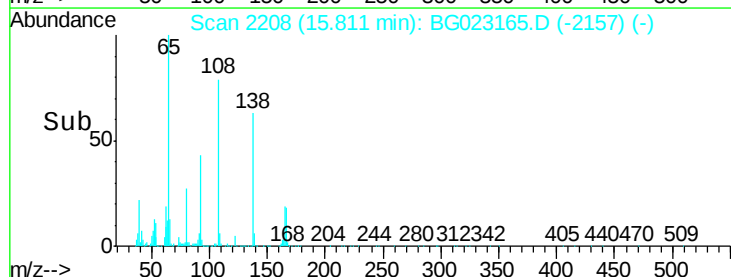
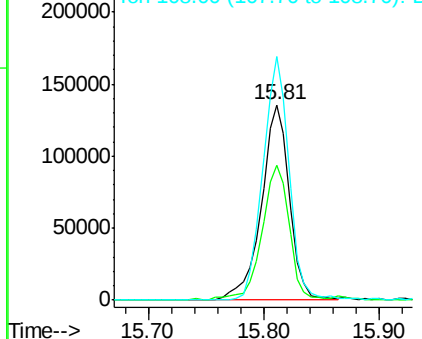


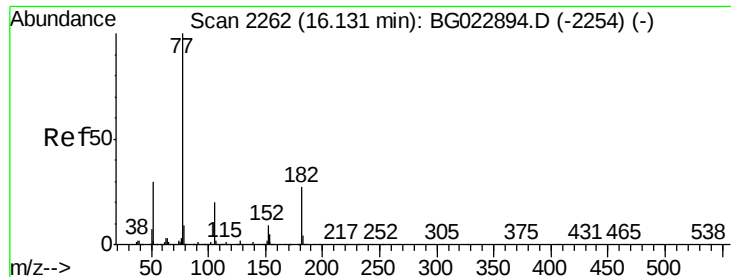
#61
4-Nitroaniline
Concen: 29.22 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	68.7	54.1	94.1
108	124.5	133.9	173.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.95 ng

RT: 16.06 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

Tgt Ion: 77 Resp: 1199508

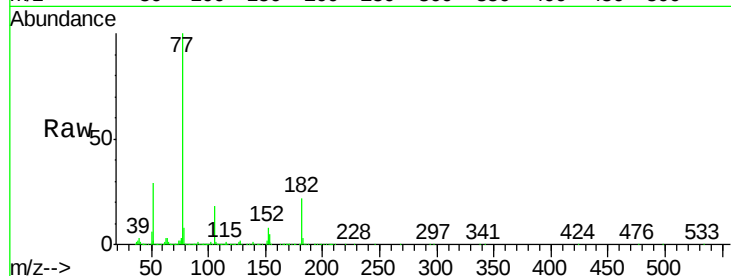
Ion Ratio Lower Upper

77 100

182 22.0 3.5 43.5

105 18.2 0.0 38.5

51 29.2 17.1 57.1

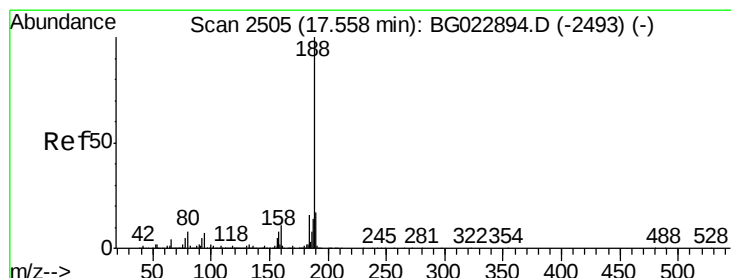
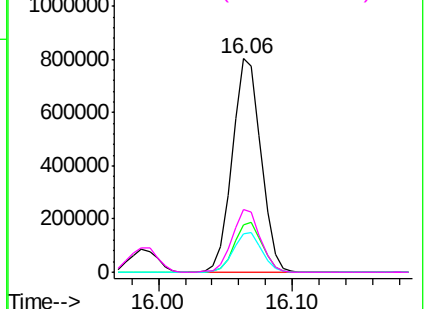
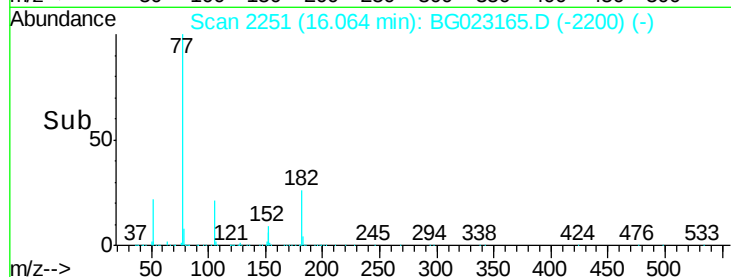


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

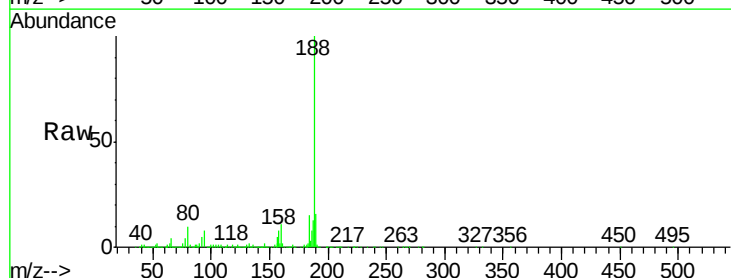
Tgt Ion: 188 Resp: 889314

Ion Ratio Lower Upper

188 100

94 7.8 5.2 7.8#

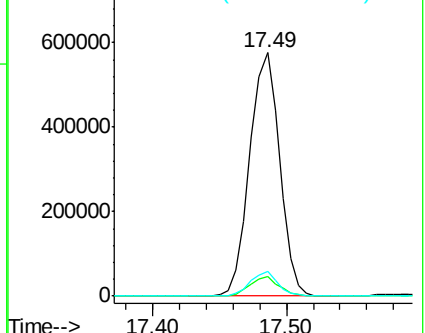
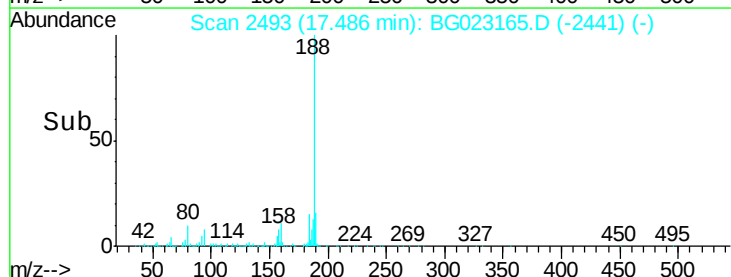
80 10.1 7.2 10.8

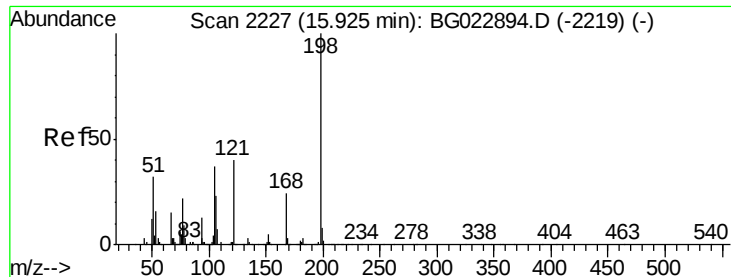


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

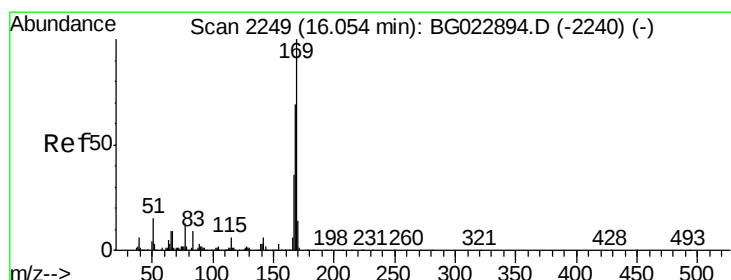
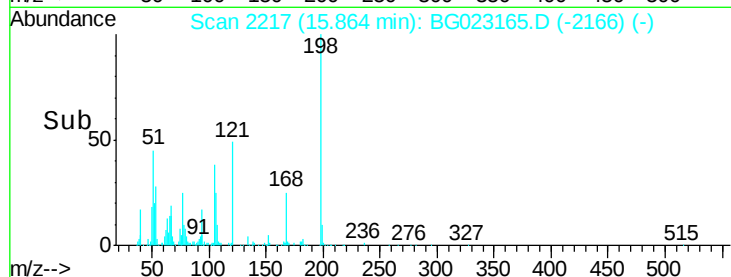
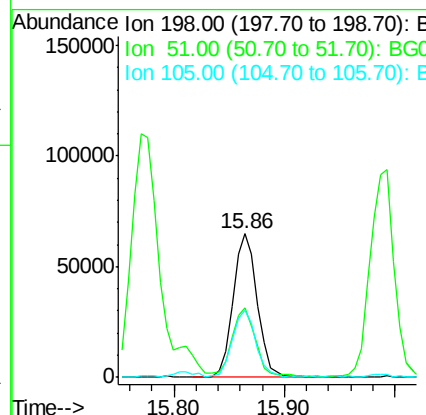
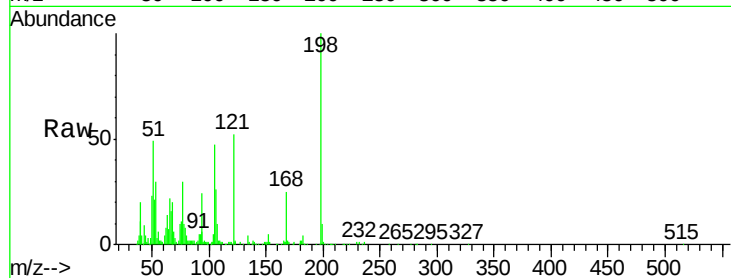




#64
4,6-Dinitro-2-methylphenol
Concen: 15.02 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

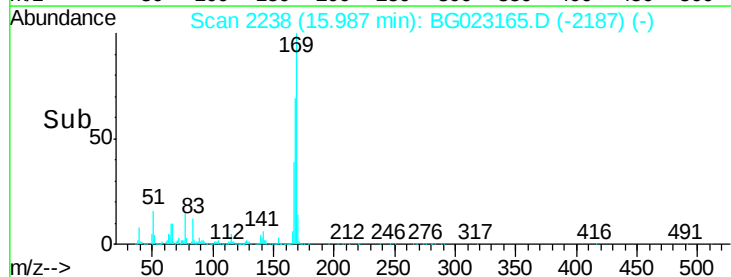
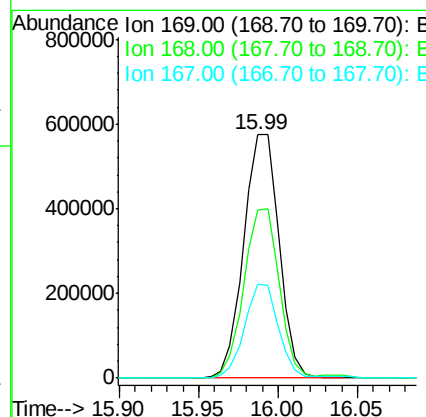
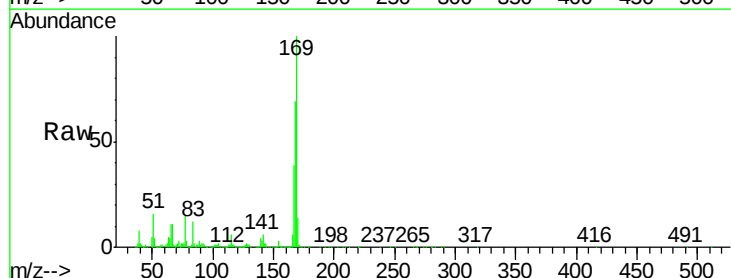
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

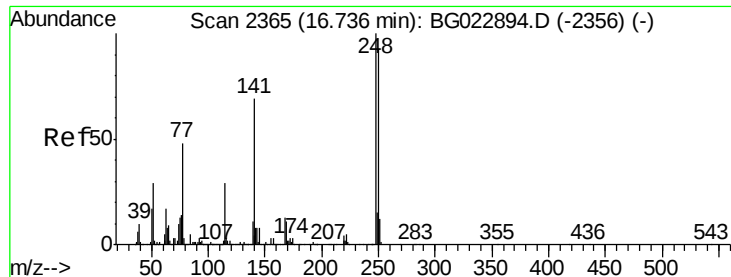
Tgt Ion:198 Resp: 99276
Ion Ratio Lower Upper
198 100
51 48.7 26.0 66.0
105 46.9 20.1 60.1



#65
n-Nitrosodiphenylamine
Concen: 34.77 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:169 Resp: 890978
Ion Ratio Lower Upper
169 100
168 69.2 55.0 82.4
167 38.5 27.4 41.0

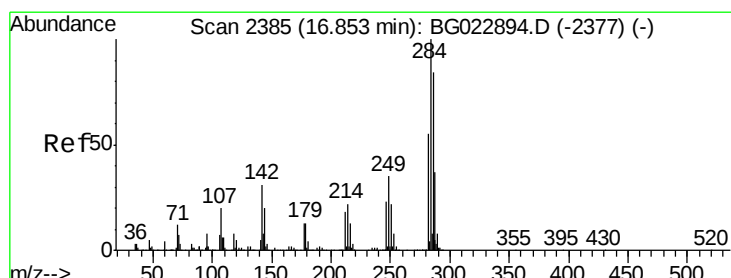
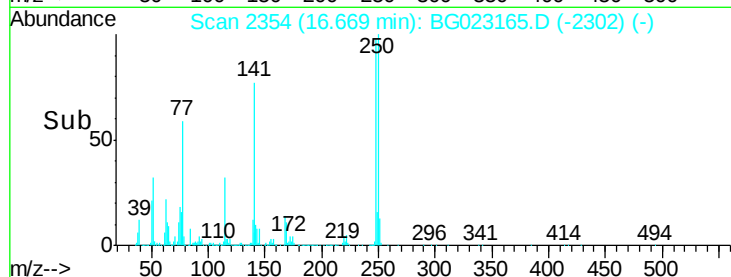
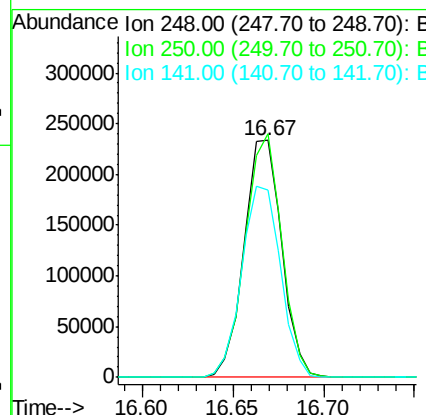
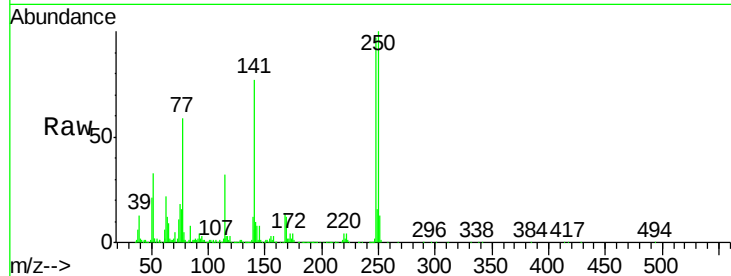




#66
4-Bromophenyl-phenylether
Concen: 29.23 ng
RT: 16.67 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

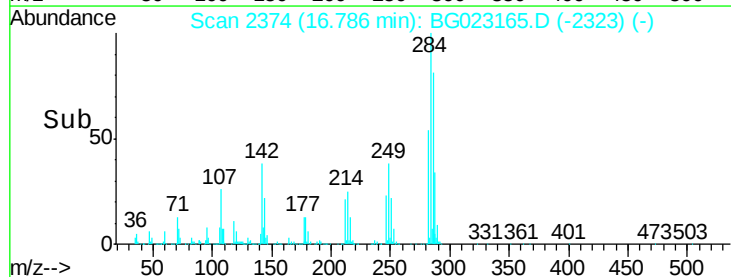
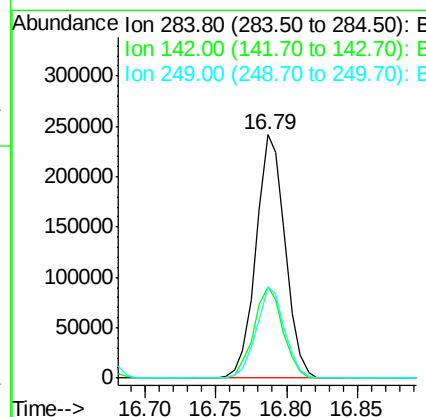
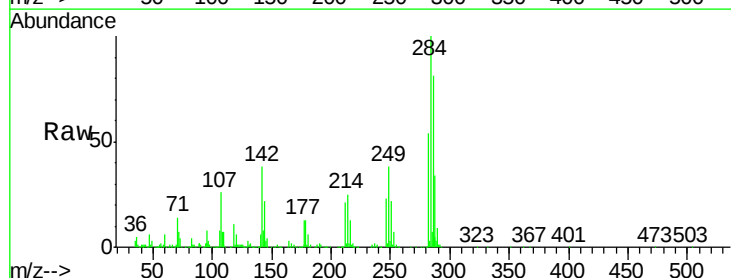
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMSD

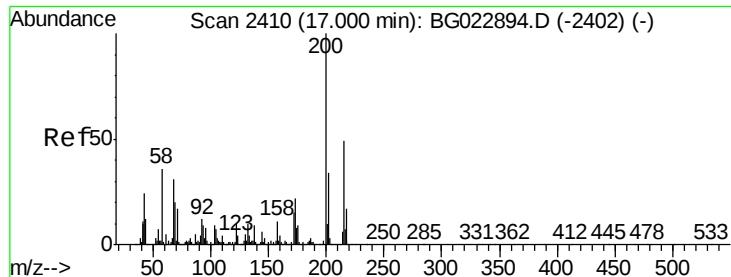
Tgt Ion:248 Resp: 338203
Ion Ratio Lower Upper
248 100
250 102.8 77.8 116.8
141 79.2 65.7 98.5



#67
Hexachlorobenzene
Concen: 27.82 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG023165.D
Acq: 18 Jul 2016 19:15

Tgt Ion:284 Resp: 349939
Ion Ratio Lower Upper
284 100
142 37.6 26.8 40.2
249 37.7 28.9 43.3





#68

Atrazine

Concen: 30.88 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

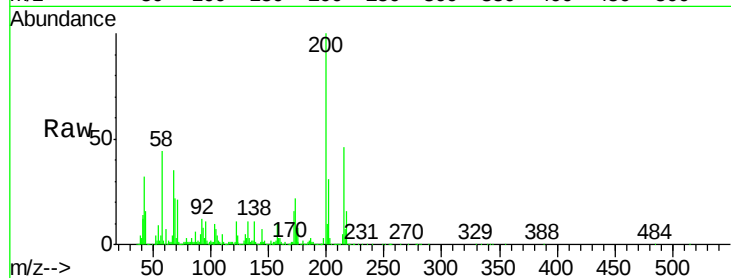
Tgt Ion:200 Resp: 350916

Ion Ratio Lower Upper

200 100

173 21.9 1.6 41.6

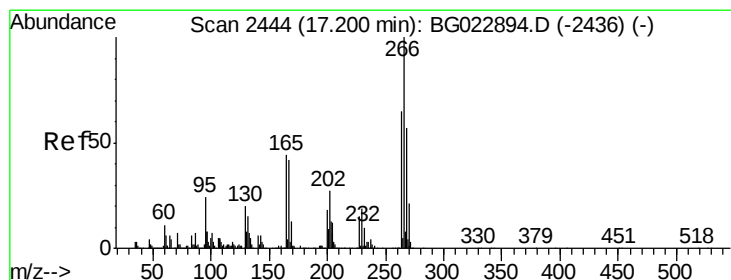
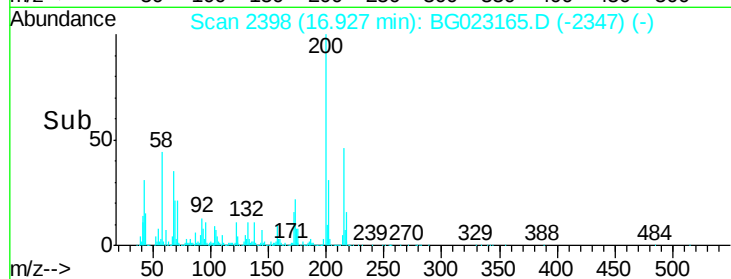
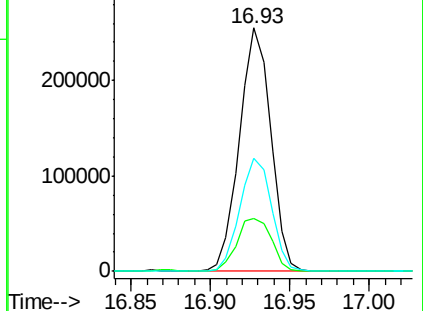
215 46.4 28.7 68.7



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: 45.57 ng

RT: 17.13 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

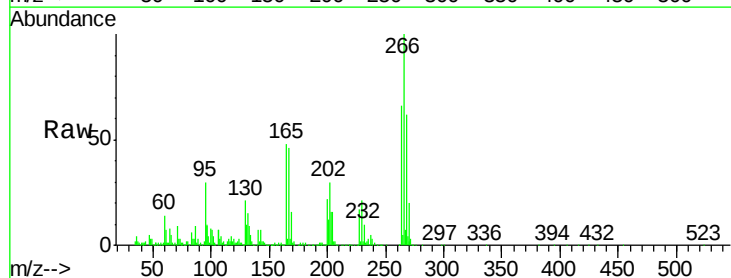
Tgt Ion:266 Resp: 371256

Ion Ratio Lower Upper

266 100

268 61.8 51.9 77.9

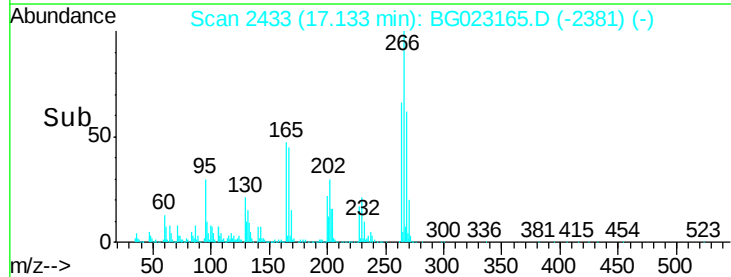
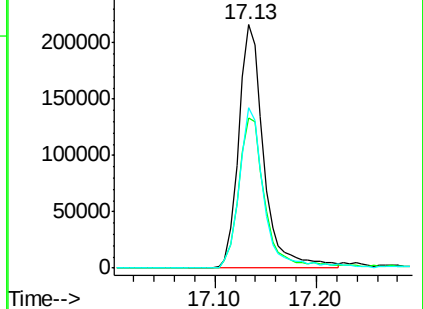
264 65.8 50.6 75.8

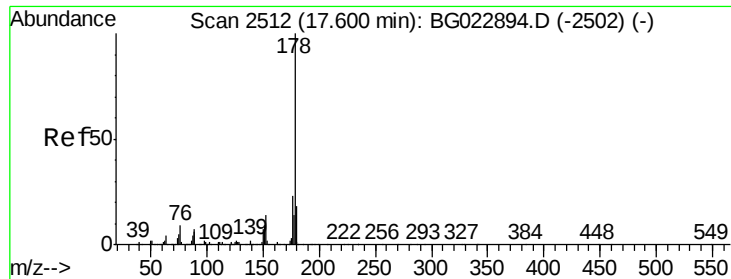


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 34.39 ng

RT: 17.53 min Scan# 2500

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

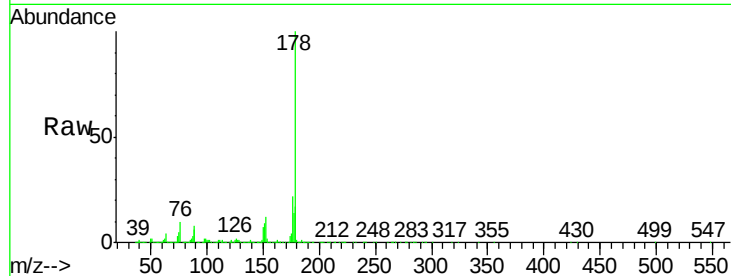
Tgt Ion:178 Resp: 1498631

Ion Ratio Lower Upper

178 100

176 22.1 16.8 25.2

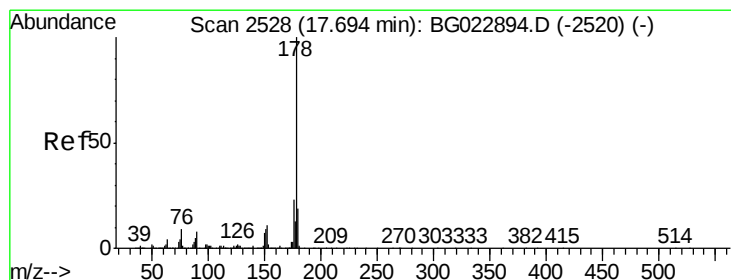
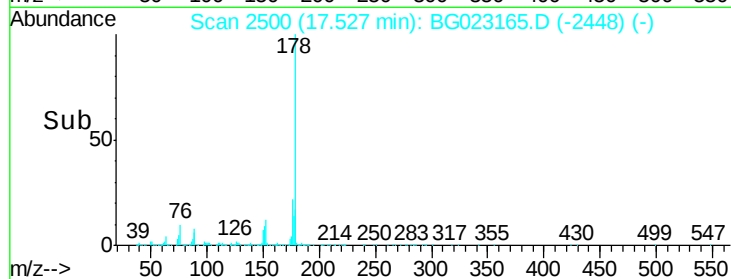
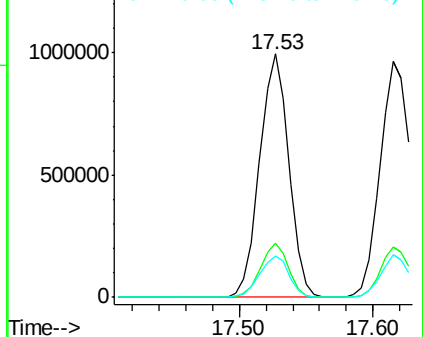
179 16.7 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 33.99 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

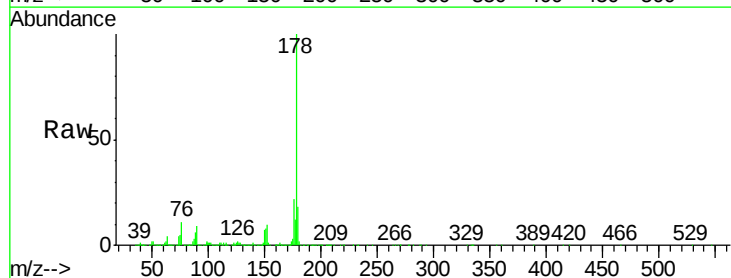
Tgt Ion:178 Resp: 1500184

Ion Ratio Lower Upper

178 100

176 21.6 17.3 25.9

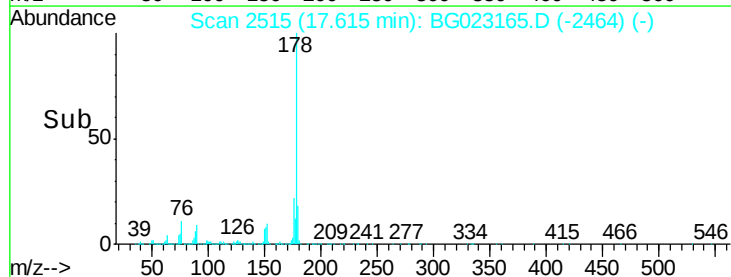
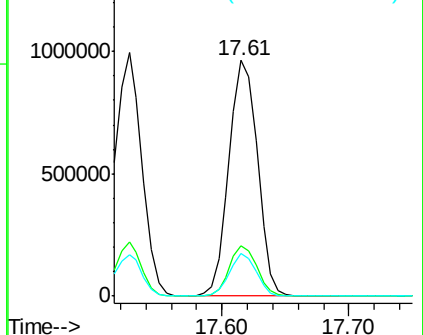
179 18.0 14.0 21.0

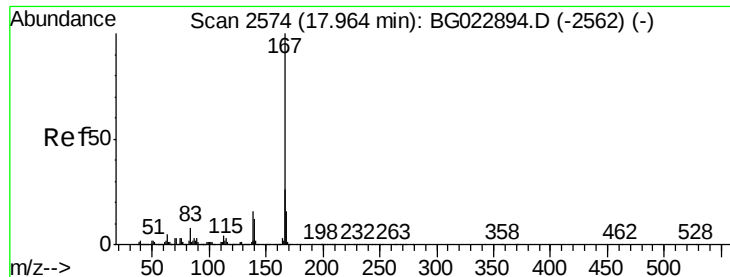


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.07 ng

RT: 17.89 min Scan# 2561

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

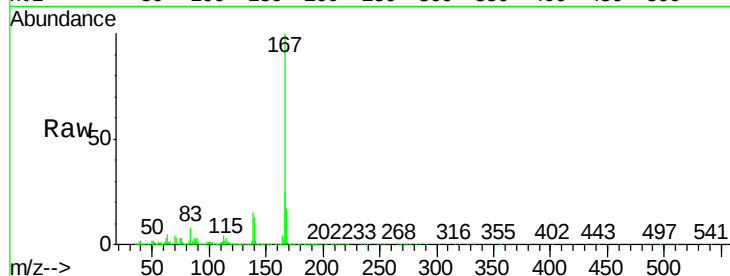
Tgt Ion:167 Resp: 1337312

Ion Ratio Lower Upper

167 100

166 25.3 20.7 31.1

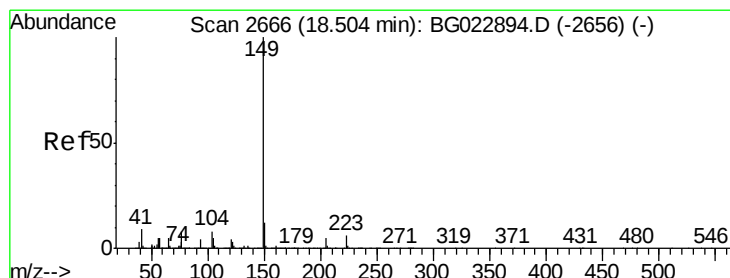
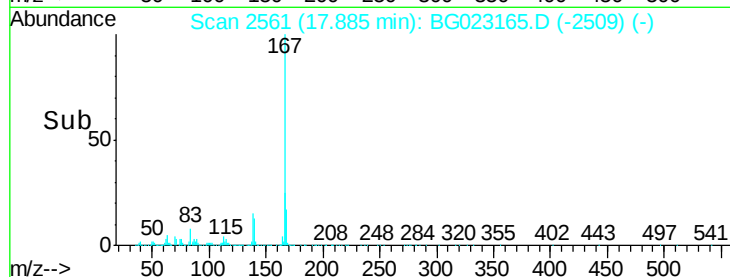
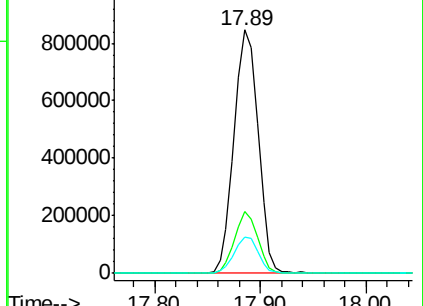
139 15.0 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.65 ng

RT: 18.42 min Scan# 2652

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

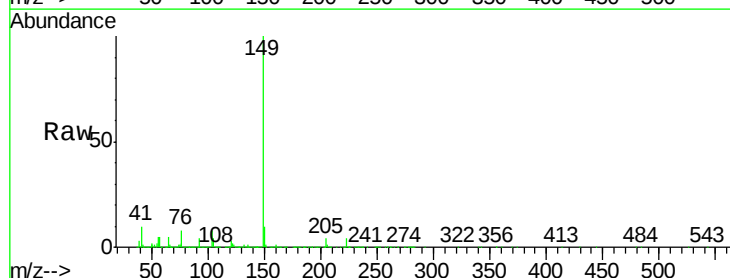
Tgt Ion:149 Resp: 1596592

Ion Ratio Lower Upper

149 100

150 10.5 9.1 13.7

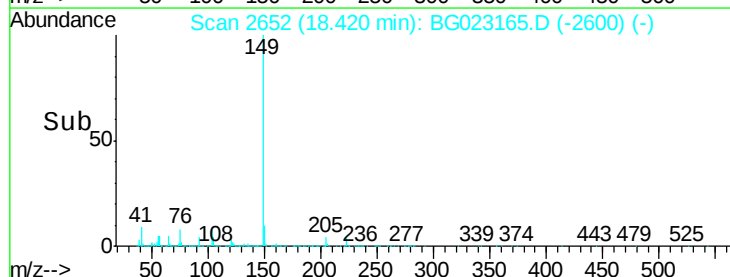
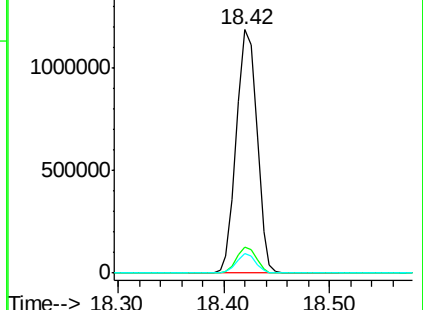
104 7.9 6.9 10.3

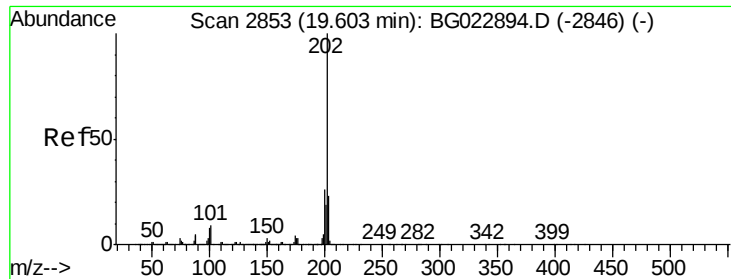


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 31.90 ng

RT: 19.52 min Scan# 2840

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

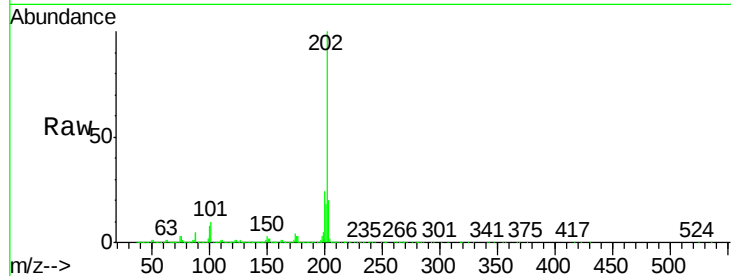
Tgt Ion:202 Resp: 1706306

Ion Ratio Lower Upper

202 100

101 10.0 0.0 27.4

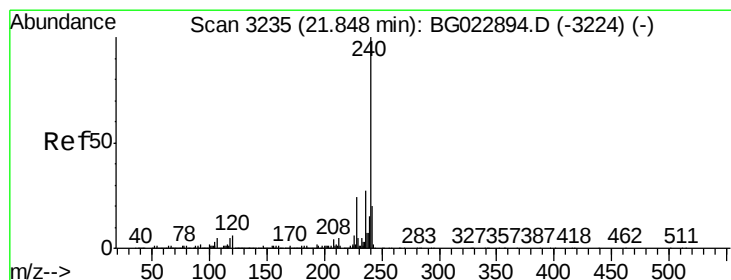
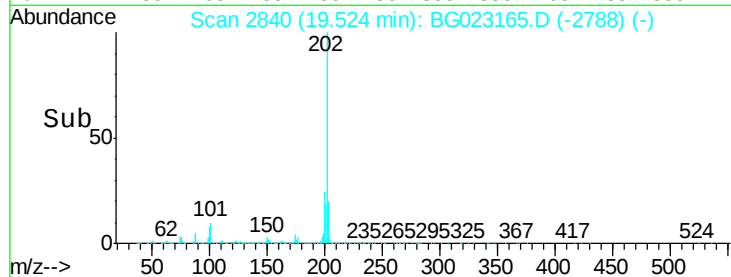
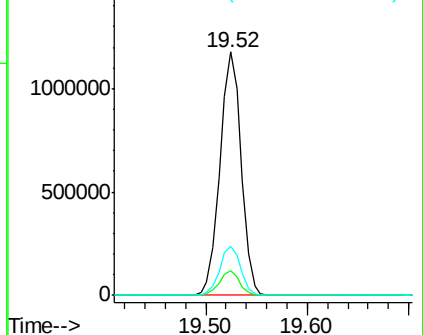
203 20.1 1.7 41.7



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: 21.75 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

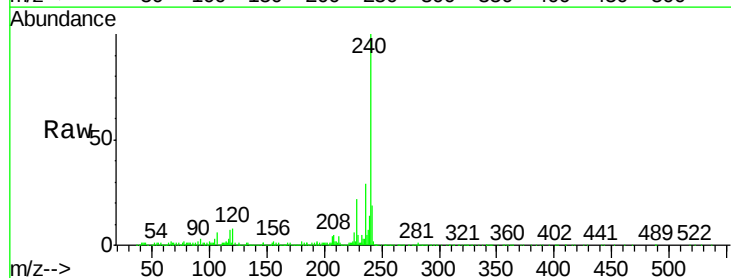
Tgt Ion:240 Resp: 889731

Ion Ratio Lower Upper

240 100

120 7.7 4.1 6.1#

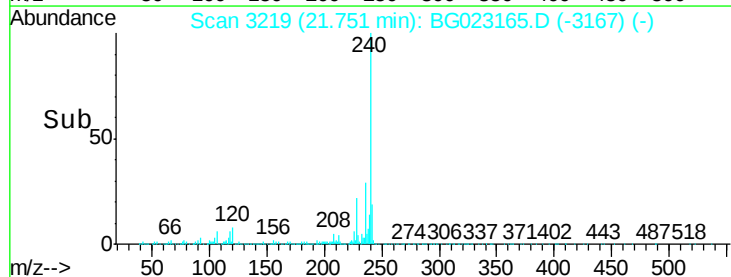
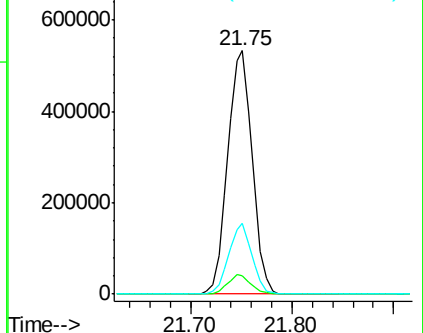
236 29.1 21.1 31.7

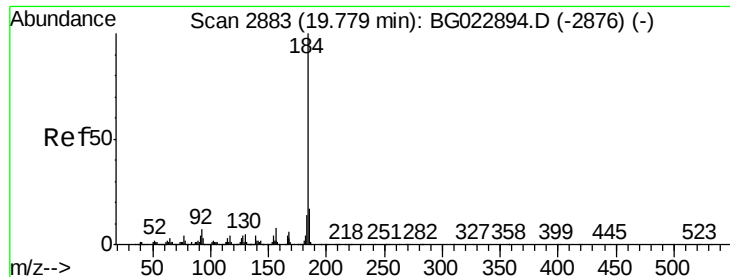


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 26.78 ng

RT: 19.70 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

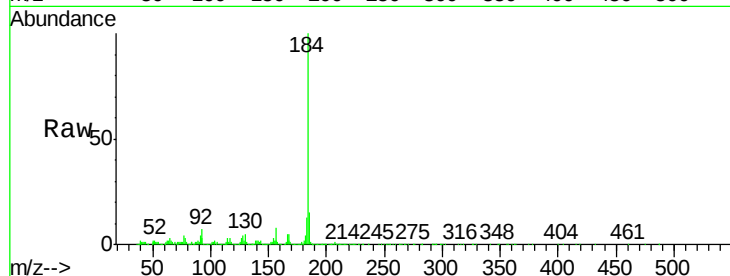
Tgt Ion:184 Resp: 683047

Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

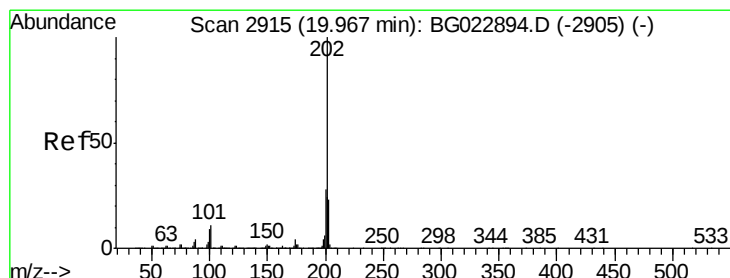
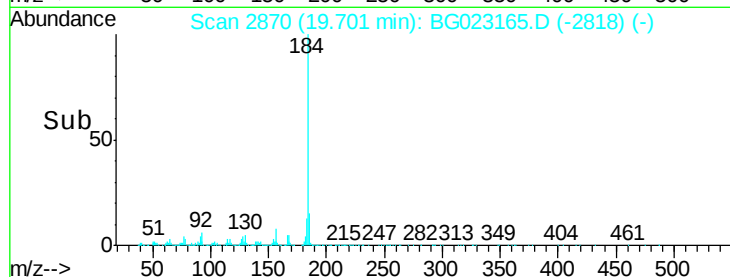
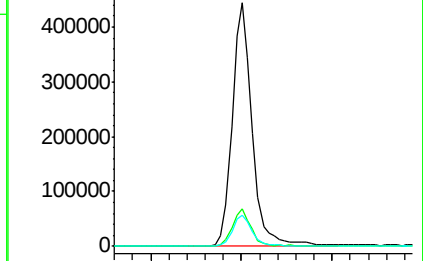
183 12.8 10.7 16.1



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: 34.82 ng

RT: 19.89 min Scan# 2902

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

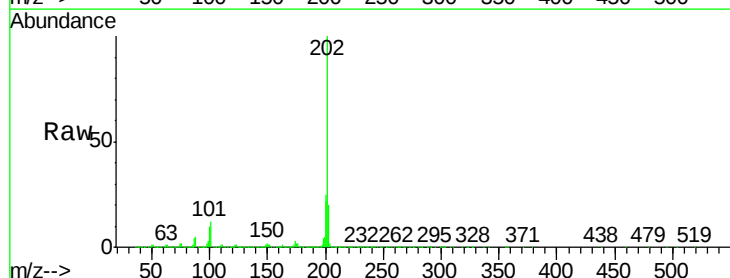
Tgt Ion:202 Resp: 1741041

Ion Ratio Lower Upper

202 100

200 25.1 21.2 31.8

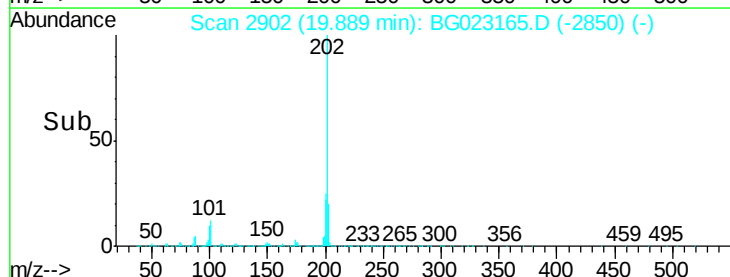
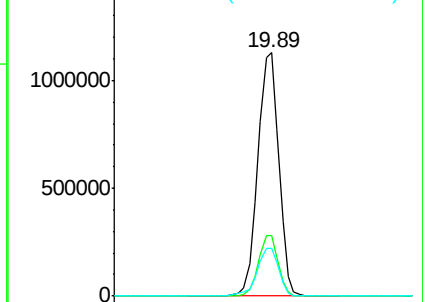
203 19.7 16.8 25.2

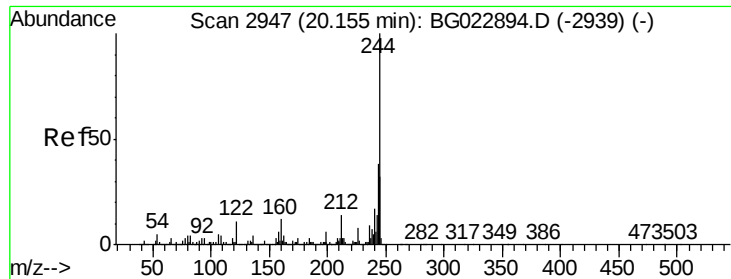


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.07 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

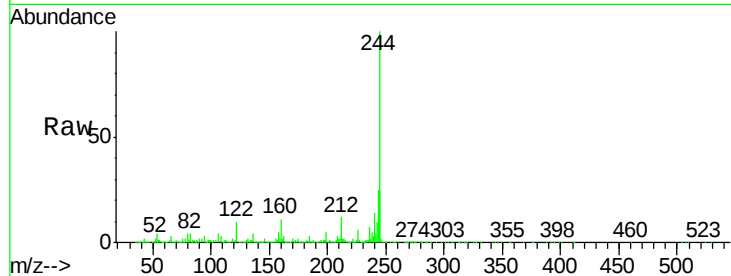
BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

Tgt Ion:244 Resp: 2082250

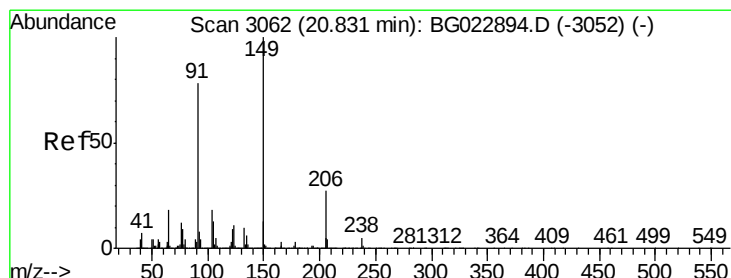
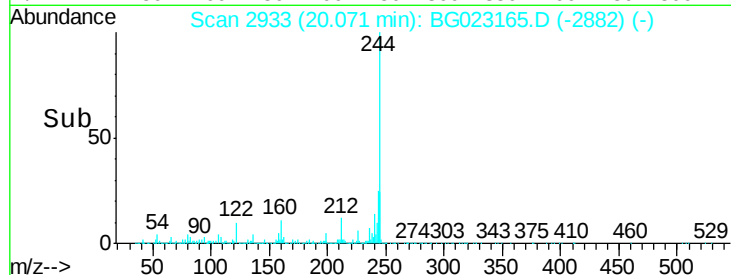
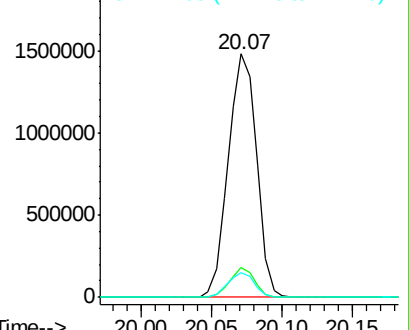
Ion	Ratio	Lower	Upper
244	100		
212	12.2	10.8	16.2
122	10.4	8.0	12.0



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: 38.74 ng

RT: 20.75 min Scan# 3048

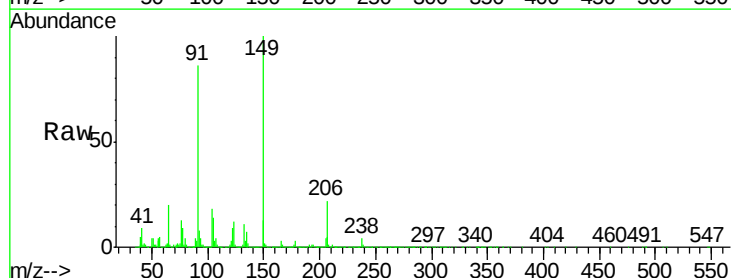
Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Tgt Ion:149 Resp: 767295

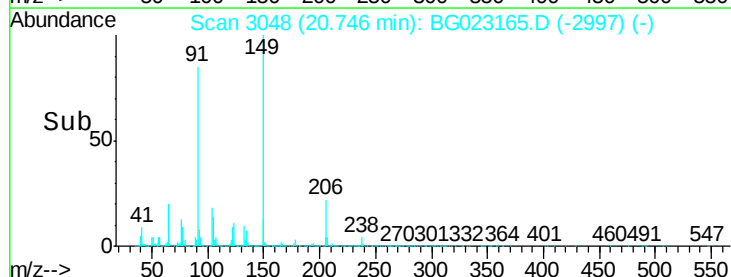
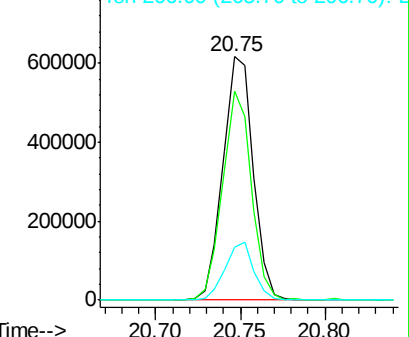
Ion	Ratio	Lower	Upper
149	100		
91	85.6	68.1	102.1
206	21.8	19.8	29.6

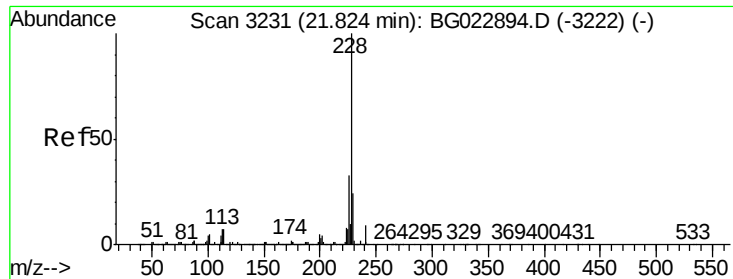


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 33.71 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

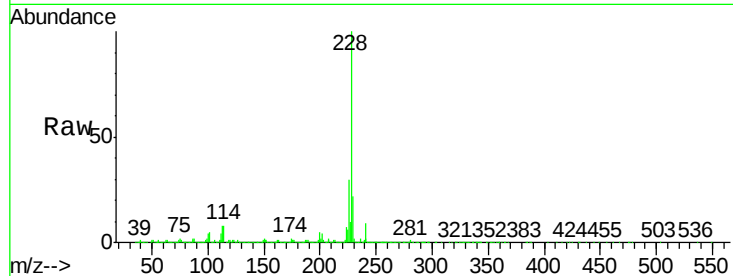
Tgt Ion:228 Resp: 1677979

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

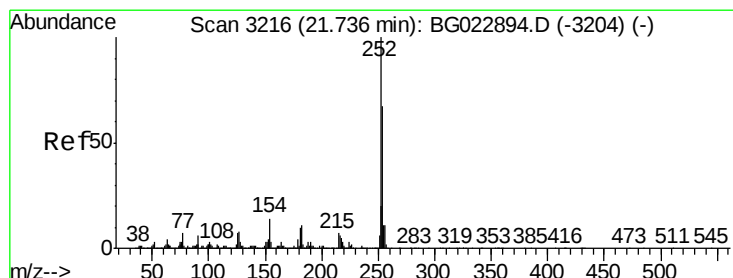
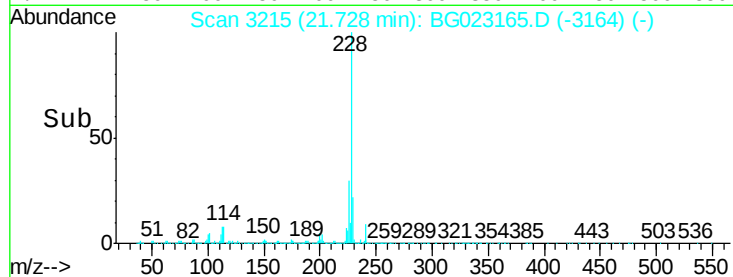
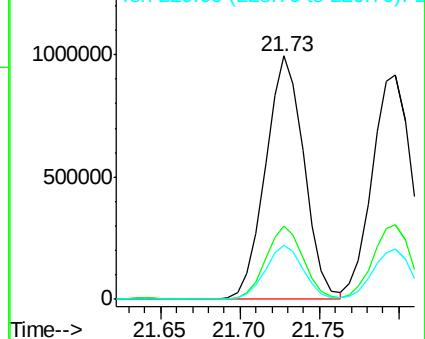
229 22.3 19.9 29.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.70 ng

RT: 21.64 min Scan# 3200

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

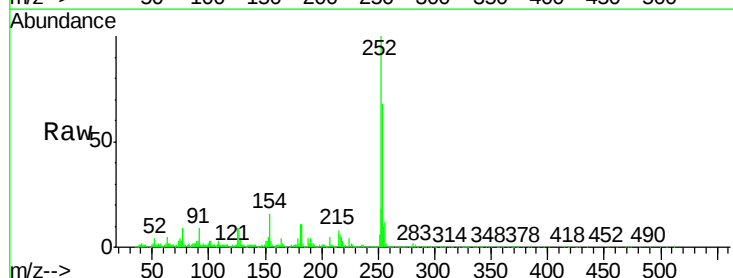
Tgt Ion:252 Resp: 561646

Ion Ratio Lower Upper

252 100

254 67.8 51.2 76.8

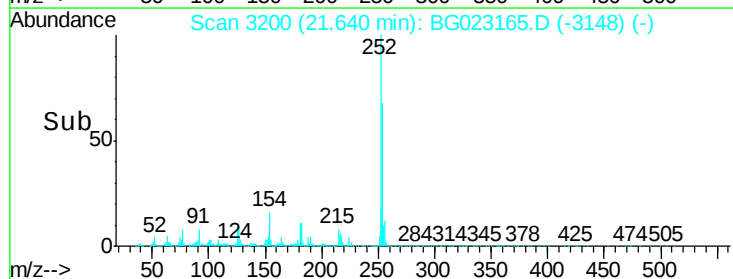
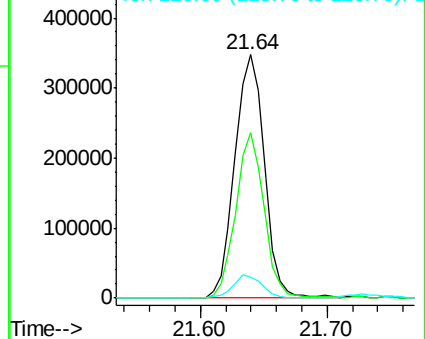
126 8.8 5.3 7.9#

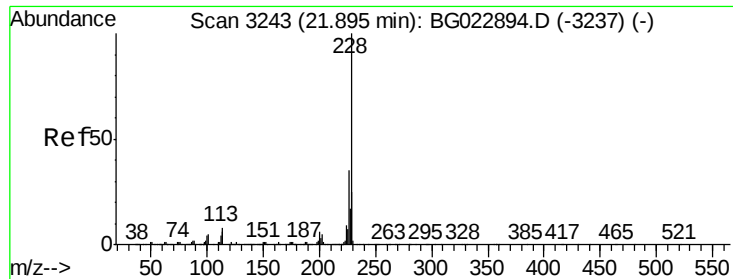


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.90 ng

RT: 21.80 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

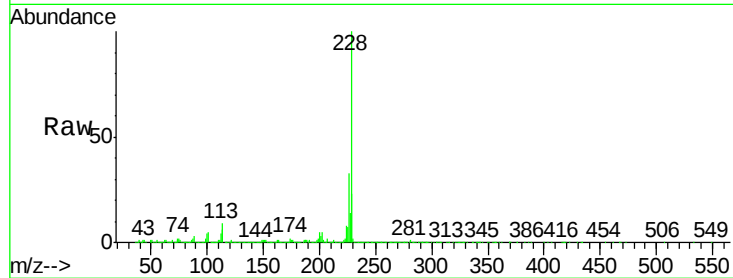
BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

Tgt Ion:228 Resp: 1583198

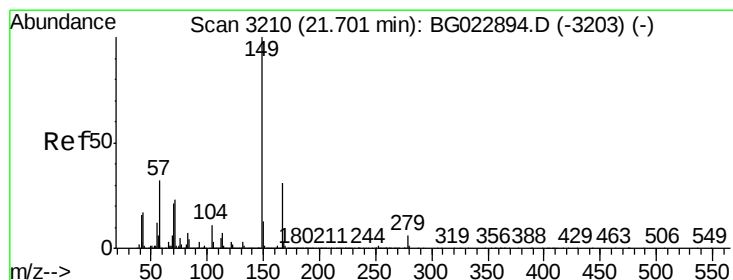
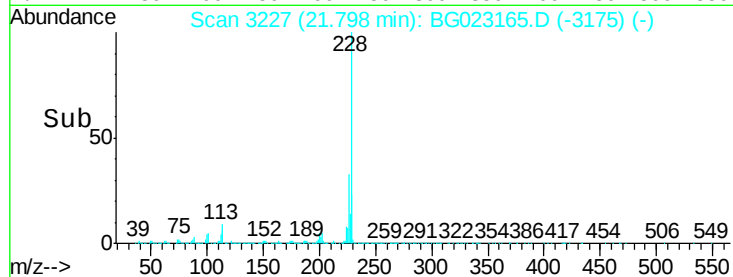
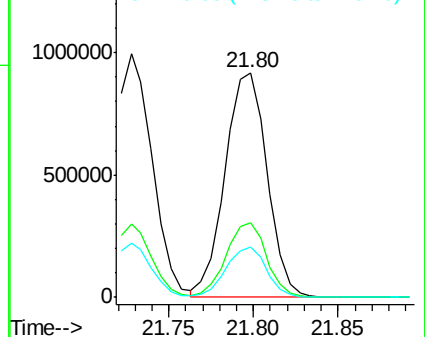
Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.7	40.1
229	22.7	17.4	26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.90 ng

RT: 21.60 min Scan# 3194

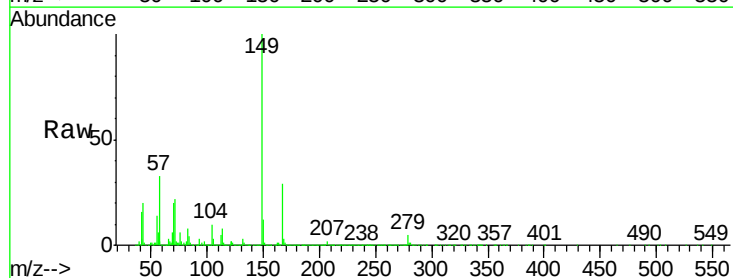
Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Tgt Ion:149 Resp: 1124708

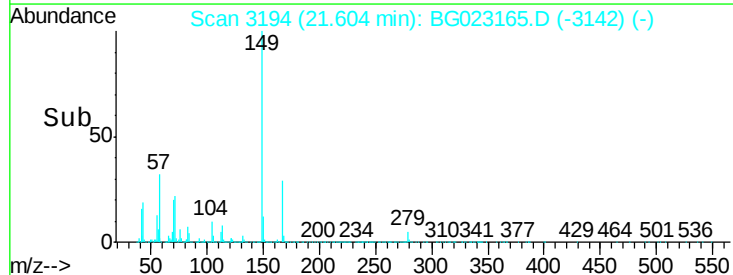
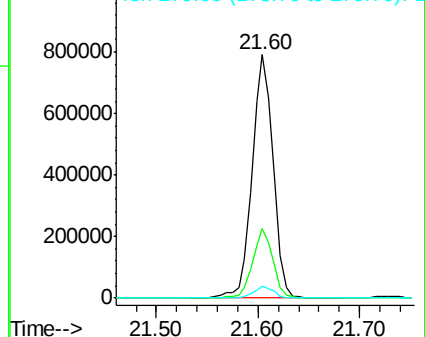
Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.0	36.0
279	4.9	4.8	7.2

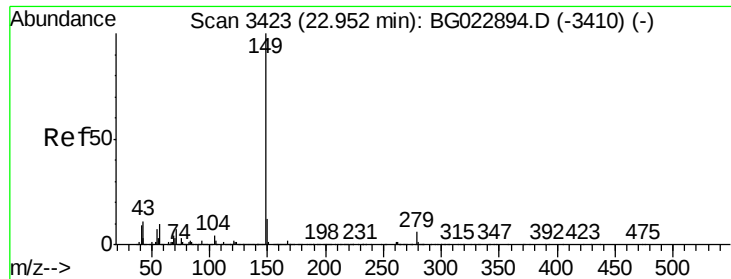


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.41 ng

RT: 22.83 min Scan# 3402

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

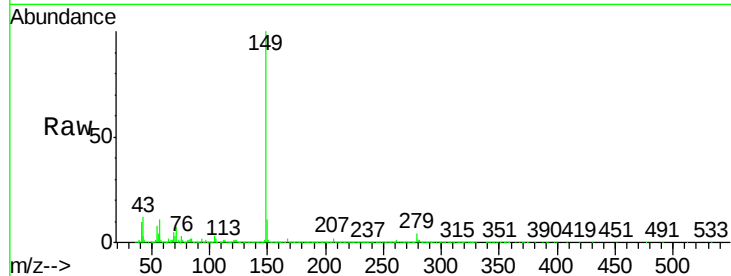
Tgt Ion:149 Resp: 1761445

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

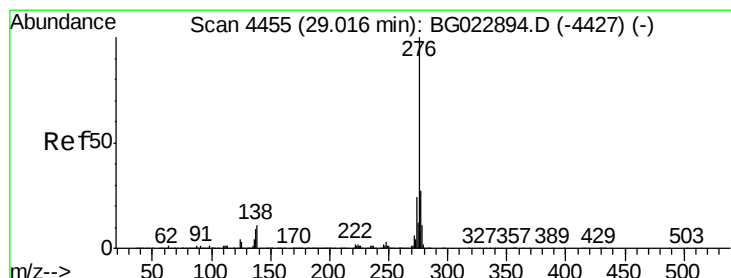
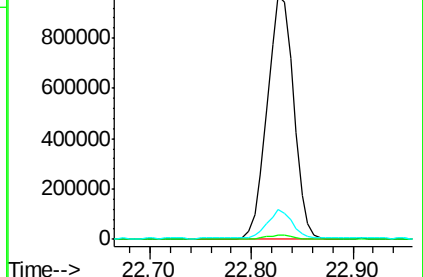
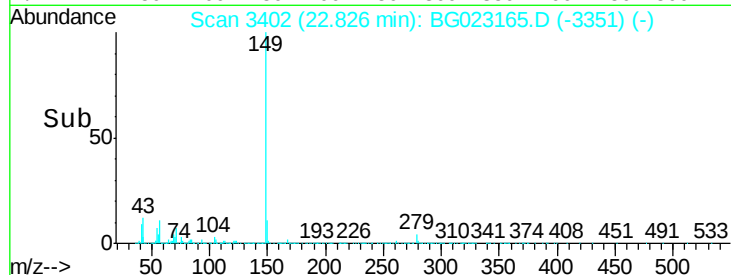
43 10.9 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 26.17 ng

RT: 28.78 min Scan# 4415

Delta R.T. 0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

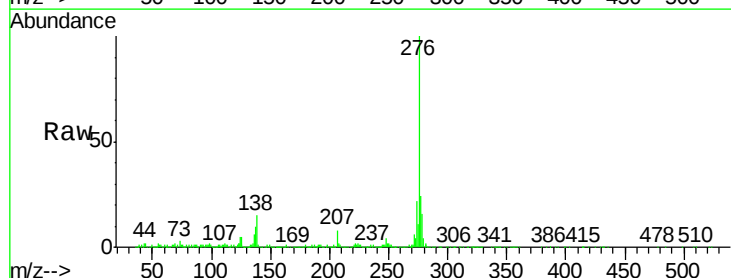
Tgt Ion:276 Resp: 1558043

Ion Ratio Lower Upper

276 100

138 7.7 0.0 0.0#

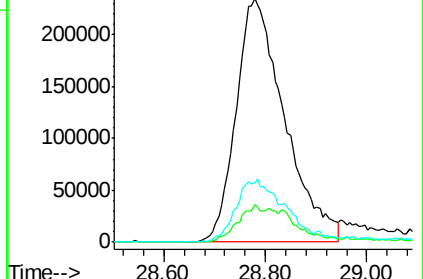
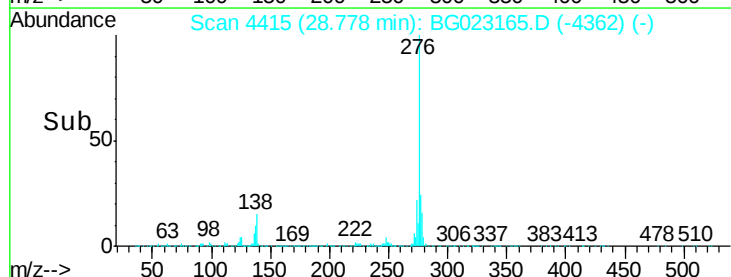
277 9.1 0.0 0.0#

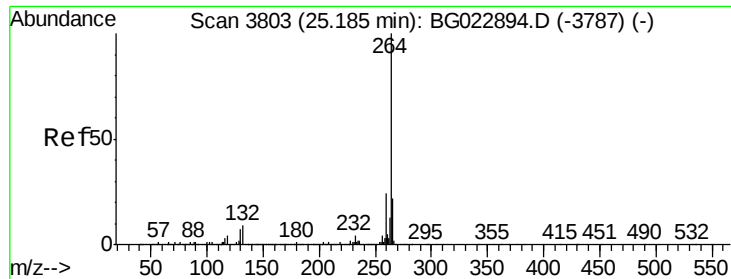


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

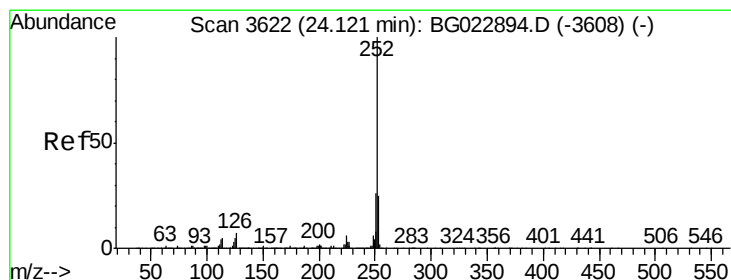
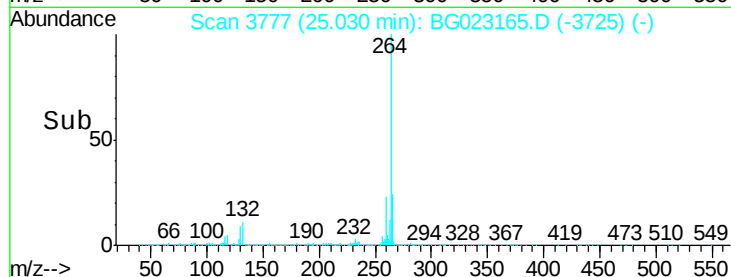
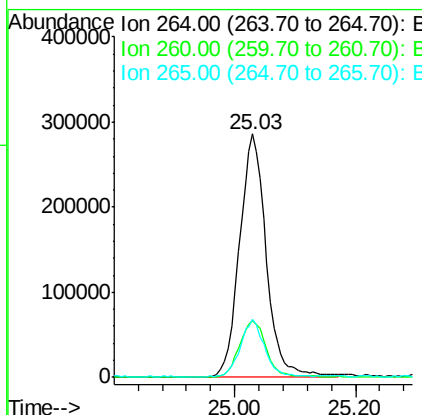
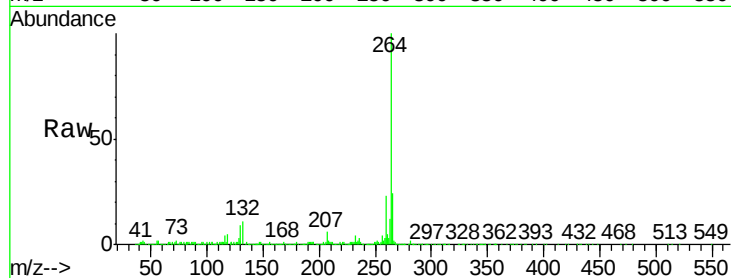




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. 0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

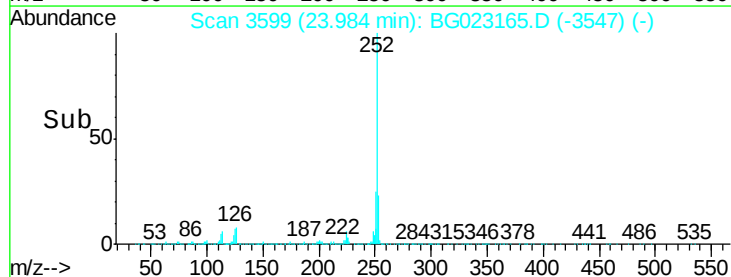
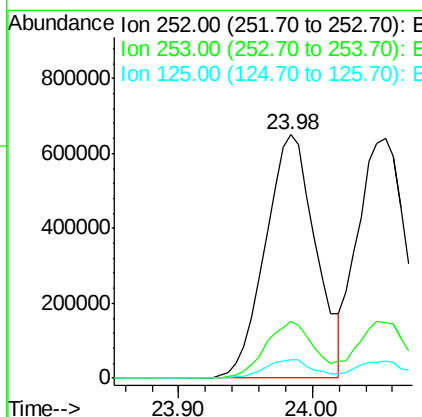
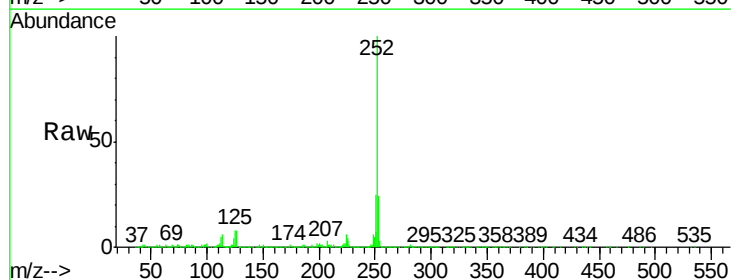
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMSD

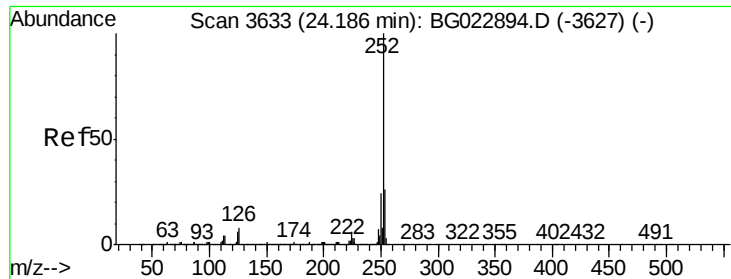
Tgt Ion: 264 Resp: 874619
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 23.8 18.9 28.3



#87
 Benzo(b)fluoranthene
 Concen: 33.84 ng
 RT: 23.98 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: BG023165.D
 Acq: 18 Jul 2016 19:15

Tgt Ion: 252 Resp: 1707486
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.9 28.3
 125 7.6 3.9 5.9#





#88

Benzo(k)fluoranthene

Concen: 33.68 ng

RT: 24.05 min Scan# 3611

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

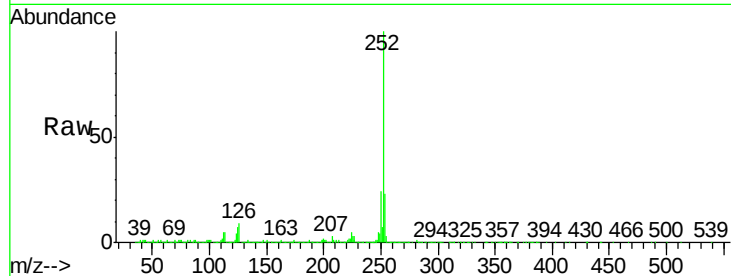
Tgt Ion:252 Resp: 1612981

Ion Ratio Lower Upper

252 100

253 23.1 18.8 28.2

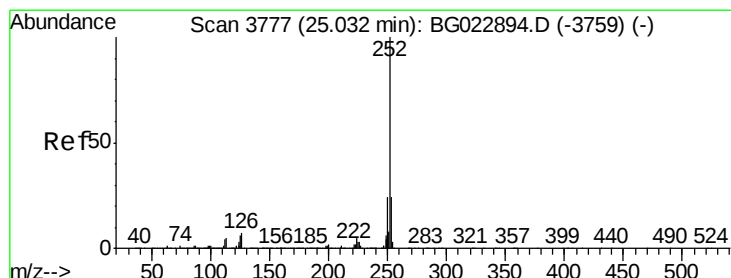
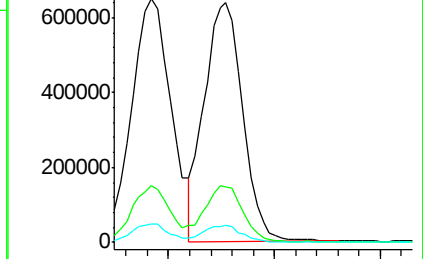
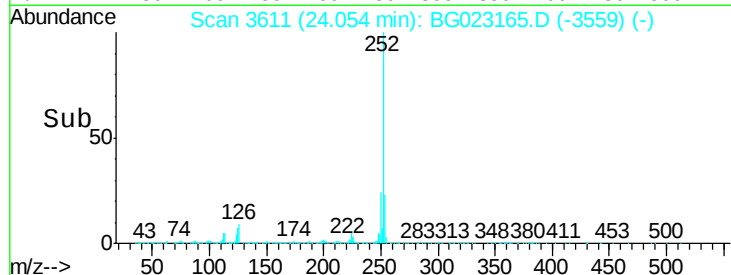
125 7.4 3.2 4.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 33.80 ng

RT: 24.88 min Scan# 3751

Delta R.T. 0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

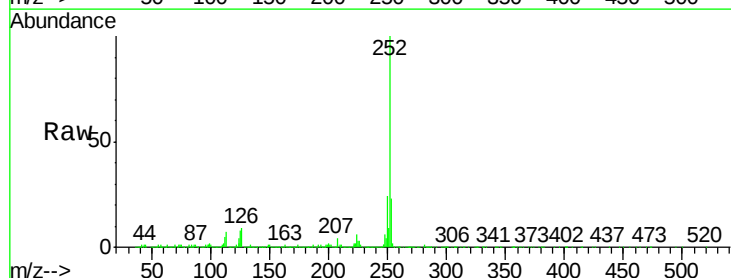
Tgt Ion:252 Resp: 1634684

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

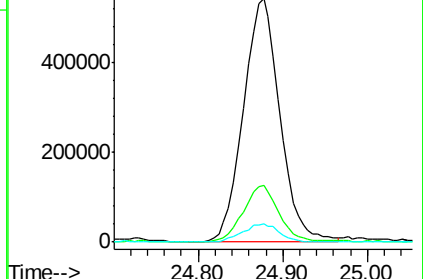
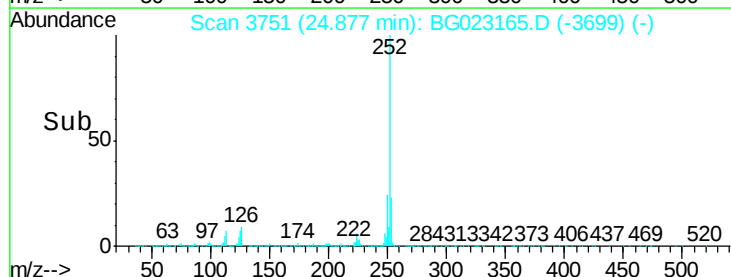
125 7.6 3.9 5.9#

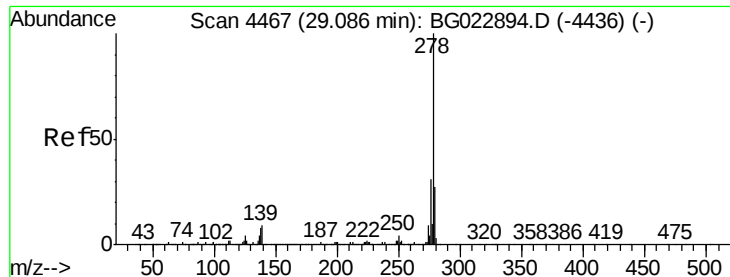


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 27.03 ng

RT: 28.84 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMSD

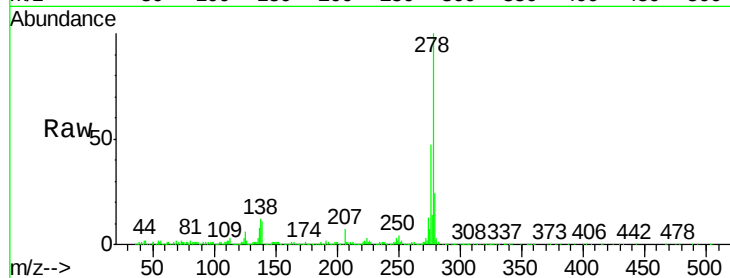
Tgt Ion:278 Resp: 1297515

Ion Ratio Lower Upper

278 100

139 11.4 4.7 7.1#

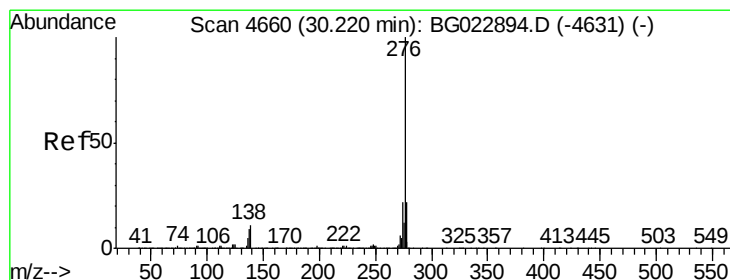
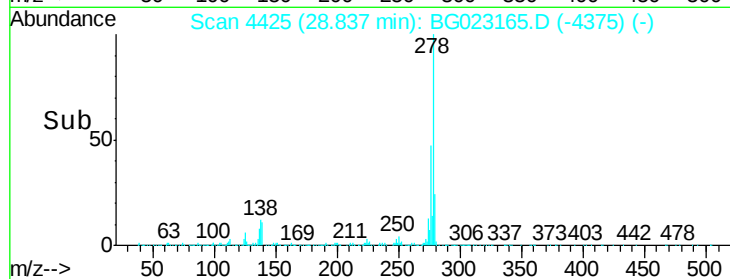
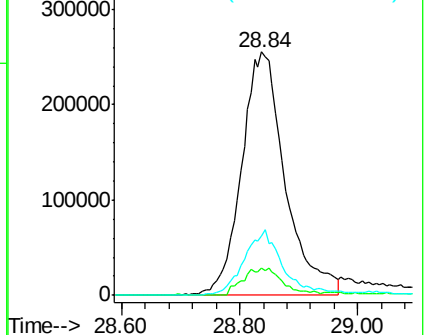
279 24.3 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 24.24 ng

RT: 29.96 min Scan# 4616

Delta R.T. -0.00 min

Lab File: BG023165.D

Acq: 18 Jul 2016 19:15

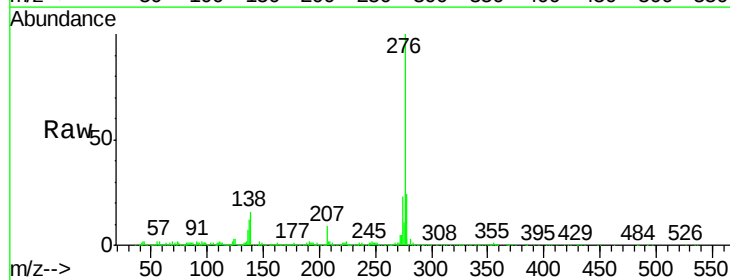
Tgt Ion:276 Resp: 1165363

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 16.0 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

