

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022178.D
 Acq On : 6 Jun 2016 21:05
 Operator : UM/SJ
 Sample : H3399-18MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Manual Integrations
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Quant Time: Jun 07 03:47:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28933	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	140196	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	85626	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	196083	20.00	ng	0.00
75) Chrysene-d12	21.77	240	191571	20.00	ng	0.00
86) Perylene-d12	25.06	264	182062	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	274085	183.16	ng	0.00
7) Phenol-d6	7.28	99	406860	172.93	ng	0.00
23) Nitrobenzene-d5	9.29	82	206847	102.86	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	156631	161.89	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	545046	97.01	ng	0.00
78) Terphenyl-d14	20.08	244	752813	93.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	26892	37.48	ng	# 79
3) Pyridine	3.92	79	78747	40.61	ng	# 99
4) n-Nitrosodimethylamine	3.84	42	21659	49.96	ng	# 96
6) Aniline	7.44	93	116606	39.01	ng	# 82
8) 2-Chlorophenol	7.69	128	114726	55.47	ng	# 80
9) Benzaldehyde	7.26	77	6955	5.37	ng	# 79
10) Phenol	7.31	94	141039	58.14	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	97111	50.21	ng	# 71
12) 1,3-Dichlorobenzene	8.01	146	105503	47.59	ng	# 93
13) 1,4-Dichlorobenzene	8.16	146	108527	49.13	ng	# 92
14) 1,2-Dichlorobenzene	8.47	146	105976	47.59	ng	# 94
15) Benzyl Alcohol	8.36	79	75720	49.81	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.65	45	94496	47.09	ng	# 80
17) 2-Methylphenol	8.57	107	96044	53.06	ng	# 84
18) Hexachloroethane	9.20	117	38088	47.22	ng	# 75
19) n-Nitroso-di-n-propylamine	8.93	70	76159	47.82	ng	# 70
20) 3+4-Methylphenols	8.90	107	137953	53.13	ng	# 94
22) Acetophenone	8.95	105	156577	51.83	ng	# 79
24) Nitrobenzene	9.33	77	107499	53.16	ng	# 84
25) Isophorone	9.85	82	227129	48.28	ng	# 92
26) 2-Nitrophenol	10.05	139	59736	54.48	ng	# 76
27) 2,4-Dimethylphenol	10.11	122	108960	54.90	ng	# 89
28) bis(2-Chloroethoxy)methane	10.33	93	142052	52.70	ng	# 92
29) 2,4-Dichlorophenol	10.59	162	111645	60.72	ng	# 94
30) 1,2,4-Trichlorobenzene	10.80	180	105015	51.12	ng	# 95
31) Naphthalene	10.99	128	348310	49.77	ng	# 95
32) Benzoic acid	10.11	122	108960	104.94	ng	# 8
33) 4-Chloroaniline	11.10	127	92464	31.78	ng	# 88
34) Hexachlorobutadiene	11.26	225	55399	50.23	ng	# 95
35) Caprolactam	11.87	113	46742m	46.34	ng	# 85
36) 4-Chloro-3-methylphenol	12.22	107	120169	55.14	ng	# 97
37) 2-Methylnaphthalene	12.59	142	249746	48.34	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	112025	50.82	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	109822	96.59	ng	# 98

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Manual Integrations
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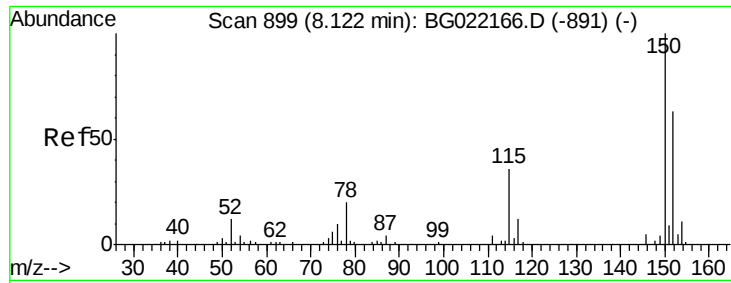
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.19	196	84073	56.86	ng	99
43) 2,4,5-Trichlorophenol	13.27	196	91305	55.89	ng #	93
45) 1,1'-Biphenyl	13.58	154	327666	50.85	ng	96
46) 2-Chloronaphthalene	13.63	162	260652	52.77	ng	96
47) 2-Nitroaniline	13.84	65	63949	54.29	ng #	55
48) Acenaphthylene	14.47	152	440688	50.85	ng	97
49) Dimethylphthalate	14.20	163	423500	59.65	ng	100
50) 2,6-Dinitrotoluene	14.32	165	81916	53.08	ng #	75
51) Acenaphthene	14.81	154	260607	50.19	ng	96
52) 3-Nitroaniline	14.66	138	63755	37.24	ng #	79
53) 2,4-Dinitrophenol	14.87	184	31806	54.50	ng #	74
54) Dibenzofuran	15.15	168	412495	50.90	ng	97
55) 4-Nitrophenol	14.98	139	135103	114.36	ng #	68
56) 2,4-Dinitrotoluene	15.11	165	115296	55.69	ng #	82
57) Fluorene	15.79	166	348480	49.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	82421	56.25	ng	98
59) Diethylphthalate	15.55	149	376913	49.70	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	160848	50.88	ng	90
61) 4-Nitroaniline	15.82	138	90925	50.08	ng #	78
62) Azobenzene	16.07	77	290335	50.55	ng	87
64) 4,6-Dinitro-2-methylphenol	15.88	198	50584	50.55	ng #	79
65) n-Nitrosodiphenylamine	15.99	169	299817	53.08	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	95531	51.99	ng	94
67) Hexachlorobenzene	16.80	284	106919	49.93	ng	94
68) Atrazine	16.94	200	109597	52.42	ng	98
69) Pentachlorophenol	17.14	266	103530	104.39	ng	96
70) Phenanthrene	17.53	178	535693	50.30	ng	98
71) Anthracene	17.63	178	536586	50.80	ng	98
72) Carbazole	17.90	167	524795	52.46	ng	98
73) Di-n-butylphthalate	18.43	149	658163	50.33	ng	98
74) Fluoranthene	19.54	202	616067	50.32	ng	97
76) Benzidine	19.72	184	221901	44.29	ng	95
77) Pyrene	19.90	202	611533	51.35	ng	99
79) Butylbenzylphthalate	20.76	149	285144	51.63	ng	91
80) Benzo(a)anthracene	21.75	228	543880	50.63	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	99280	32.92	ng #	98
82) Chrysene	21.82	228	519611	49.71	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	423571	52.15	ng	97
84) Di-n-octyl phthalate	22.86	149	714577	52.99	ng #	86
85) Indeno(1,2,3-cd)pyrene	28.83	276	607534	51.81	ng #	87
87) Benzo(b)fluoranthene	24.01	252	535251	50.41	ng #	97
88) Benzo(k)fluoranthene	24.08	252	541592	51.81	ng #	96
89) Benzo(a)pyrene	24.91	252	521204	51.34	ng #	96
90) Dibenzo(a,h)anthracene	28.90	278	502302	52.53	ng #	94
91) Benzo(g,h,i)perylene	30.02	276	506135	50.88	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022178.D

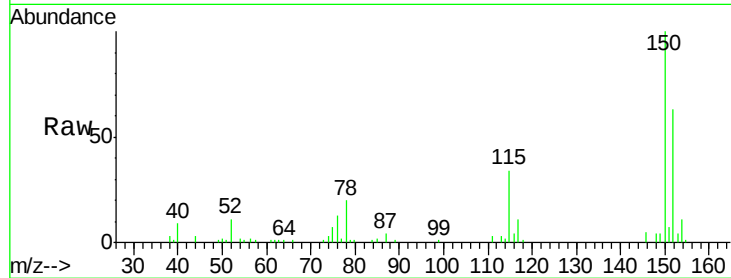
Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampleId :

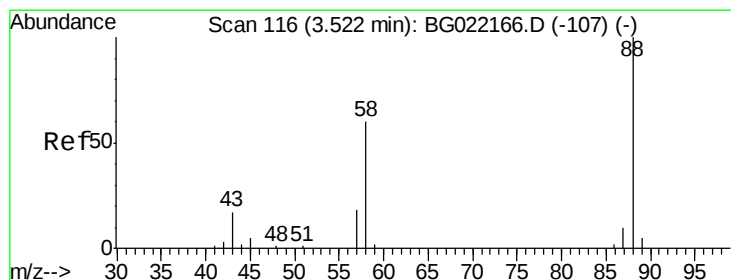
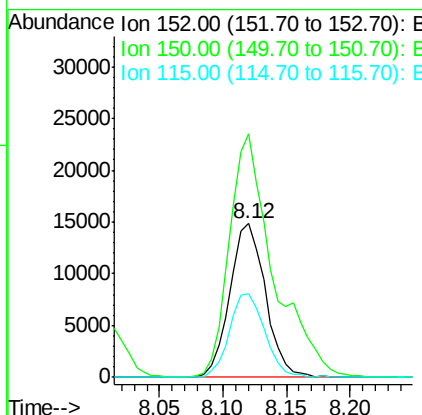
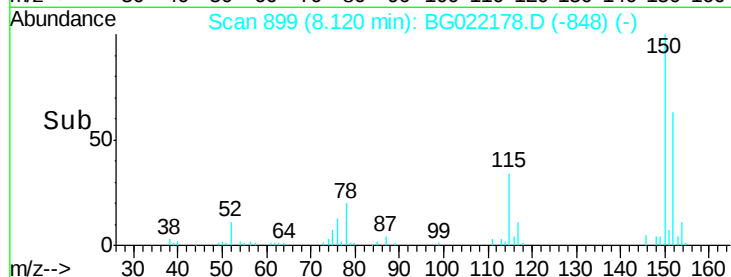
SB-15MSD



Tgt Ion:	152	Resp:	28933
Ion Ratio	Lower	Upper	
152	100		
150	158.4	130.1	195.1
115	54.4	62.2	93.2#

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#2

1,4-Dioxane

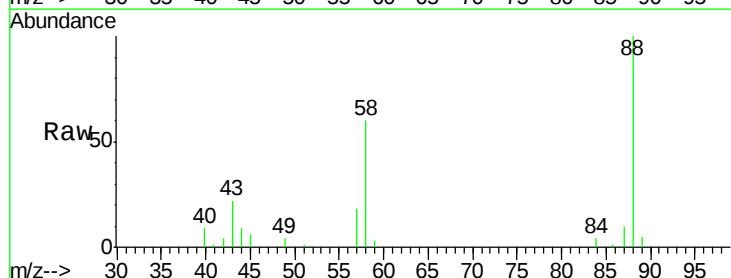
Concen: 37.48 ng

RT: 3.51 min Scan# 115

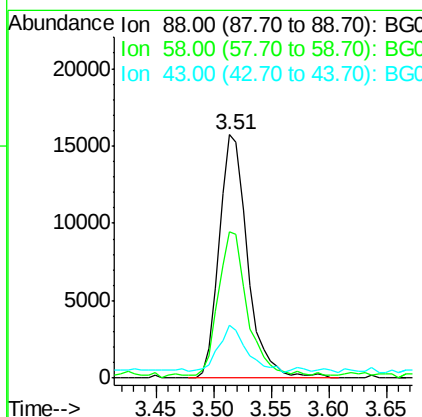
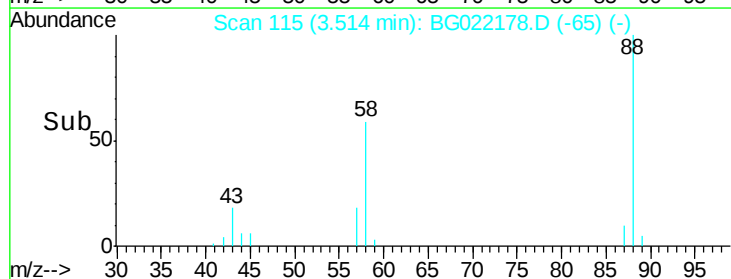
Delta R.T. -0.01 min

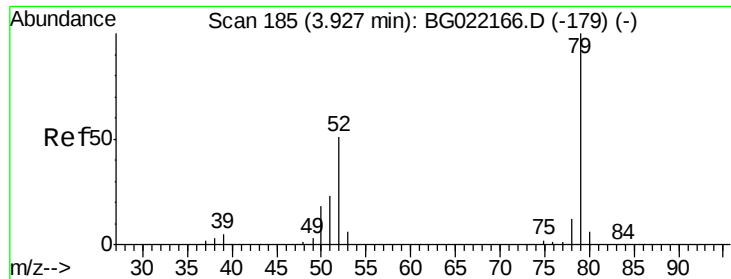
Lab File: BG022178.D

Acq: 6 Jun 2016 21:05



Tgt Ion:	88	Resp:	26892
Ion Ratio	Lower	Upper	
88	100		
58	61.2	36.8	55.2#
43	19.4	10.4	15.6#





#3

Pyridine

Concen: 40.61 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

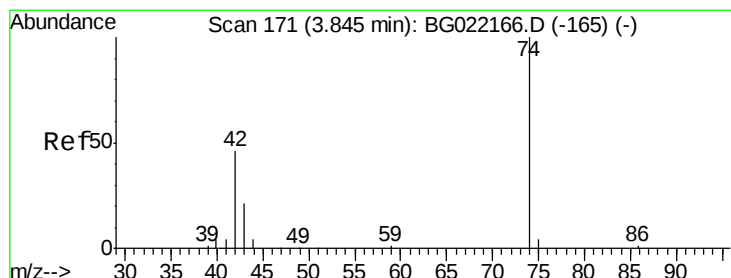
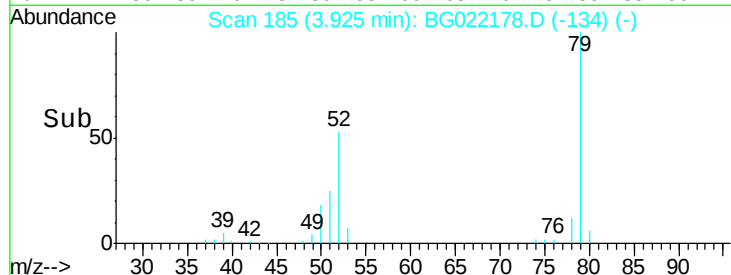
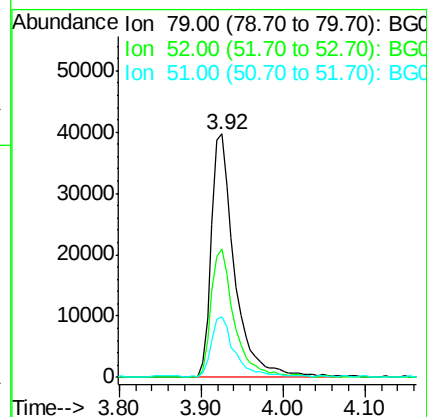
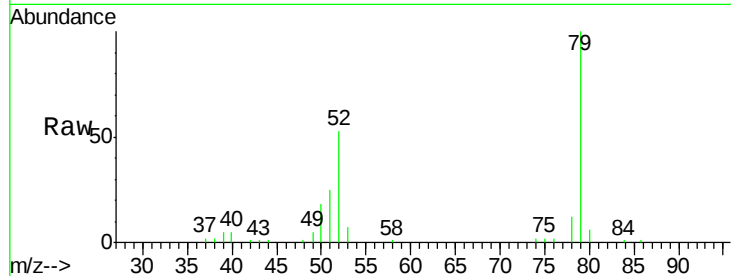
ClientSampleId :

SB-15MSD

Tgt Ion:	79	Resp:	78747
Ion	Ratio	Lower	Upper
79	100		
52	52.6	41.6	62.4
51	24.9	19.2	28.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.96 ng

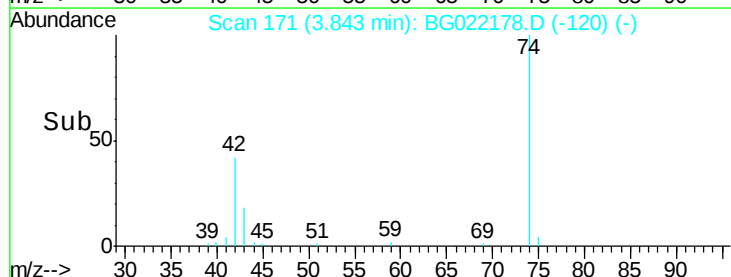
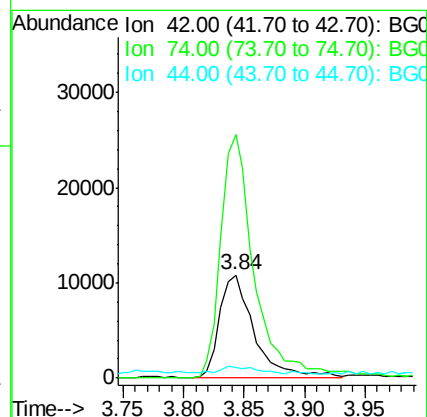
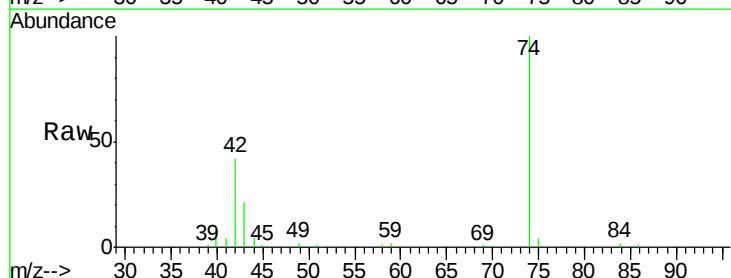
RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt Ion:	42	Resp:	21659
Ion	Ratio	Lower	Upper
42	100		
74	235.7	184.0	276.0
44	10.4	11.0	16.6#





#5

2-Fluorophenol

Concen: 183.16 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampleId :

SB-15MSD

Tgt Ion: 112 Resp: 274085
Ion Ratio Lower Upper

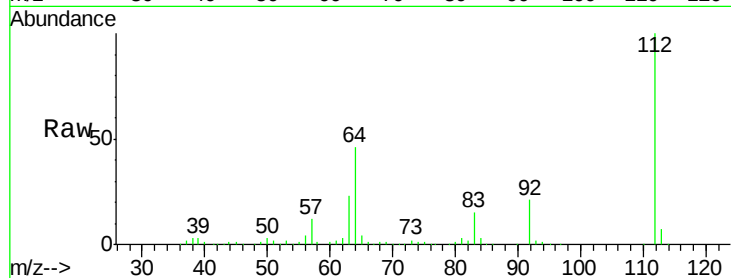
112 100

64 46.0 51.1 76.7#

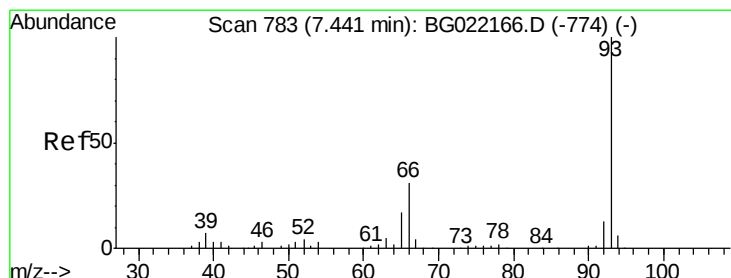
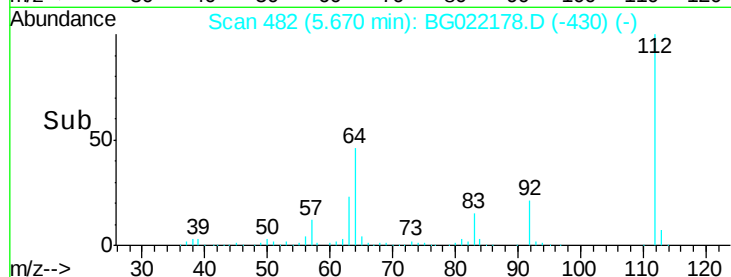
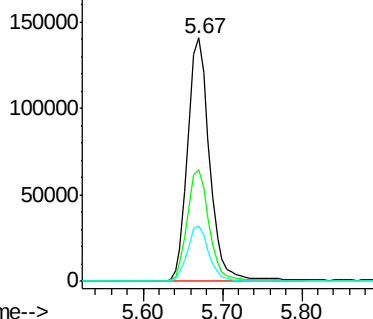
63 22.6 24.6 37.0#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.01 ng

RT: 7.44 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG022178.D

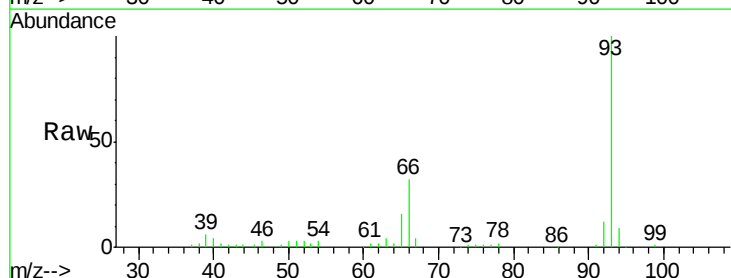
Acq: 6 Jun 2016 21:05

Tgt Ion: 93 Resp: 116606
Ion Ratio Lower Upper

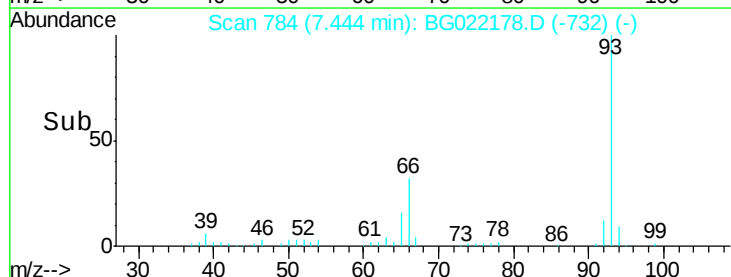
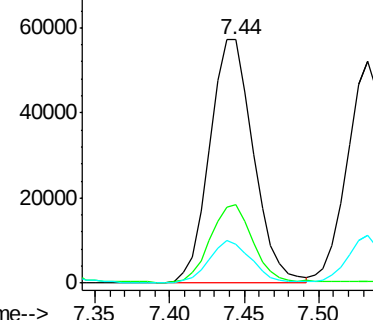
93 100

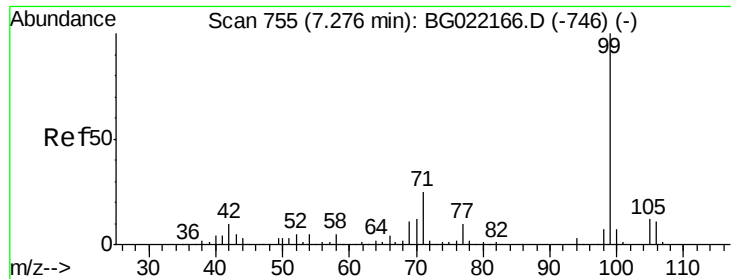
66 32.2 36.3 54.5#

65 16.0 18.4 27.6#



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: 172.93 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampleId :

SB-15MSD

Tgt Ion: 99 Resp: 406860
Ion Ratio Lower Upper

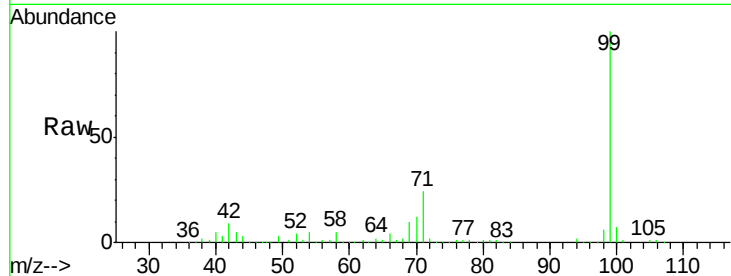
99 100

42 9.4 16.4 24.6#

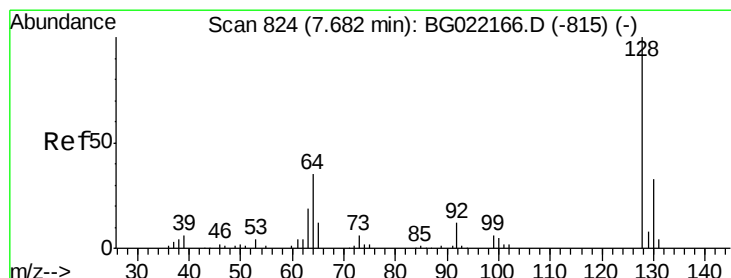
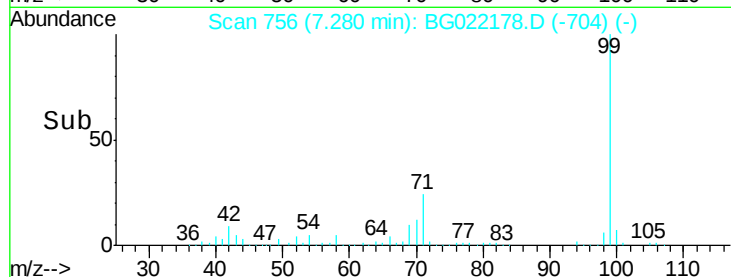
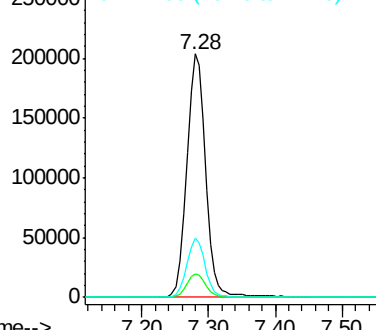
71 24.1 25.0 37.4#

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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: 55.47 ng

RT: 7.69 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG022178.D

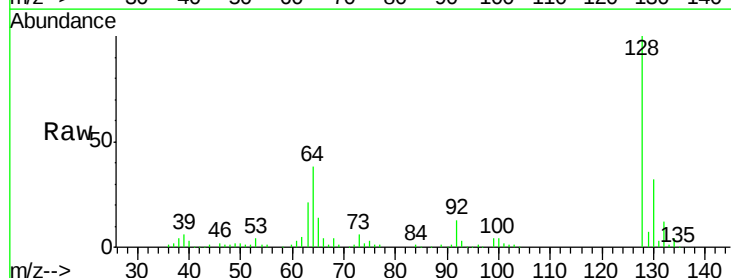
Acq: 6 Jun 2016 21:05

Tgt Ion: 128 Resp: 114726
Ion Ratio Lower Upper

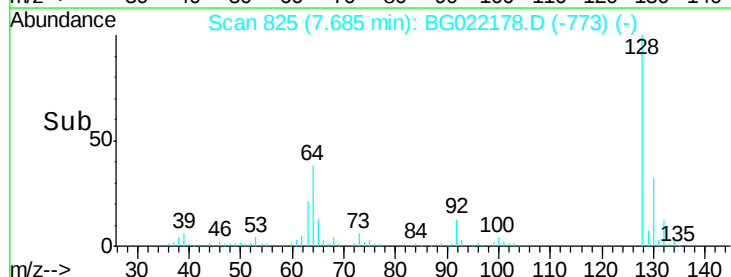
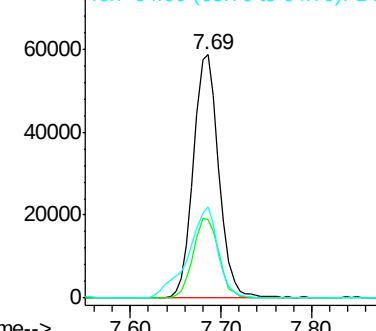
128 100

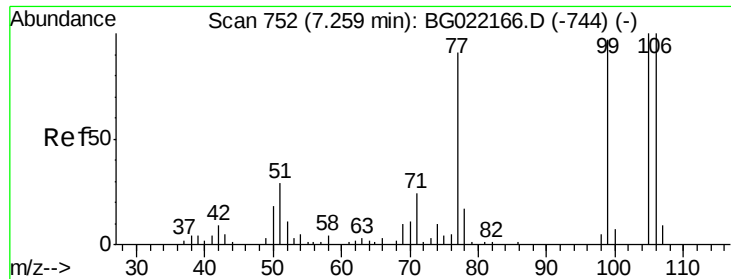
130 32.4 11.2 51.2

64 37.6 39.8 79.8#



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: 5.37 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

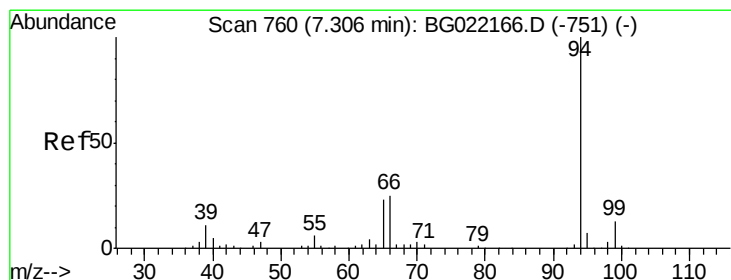
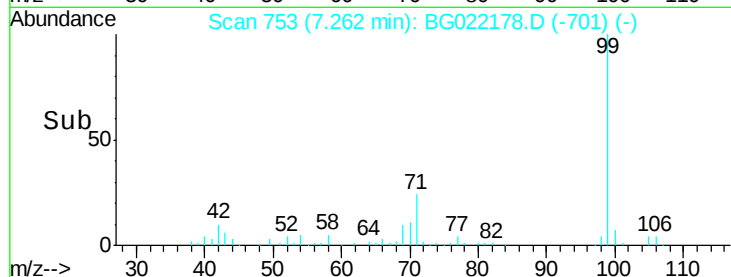
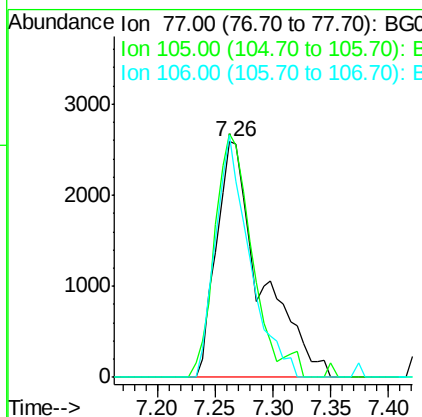
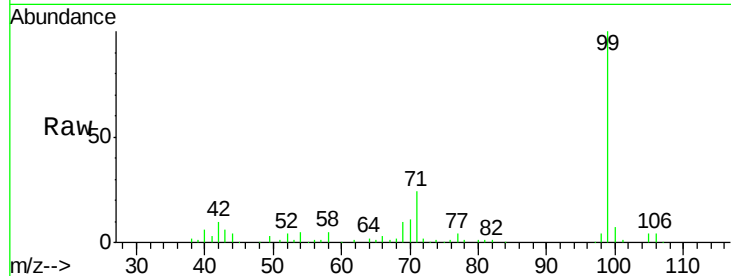
ClientSampleId :

SB-15MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.2	62.1	102.1#
106	102.5	65.6	105.6

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#10

Phenol

Concen: 58.14 ng

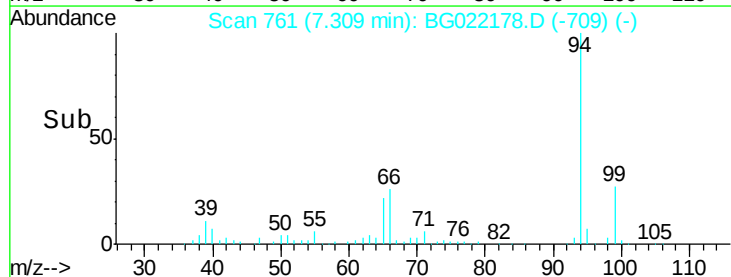
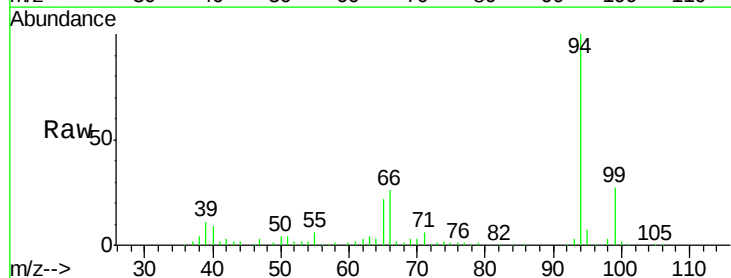
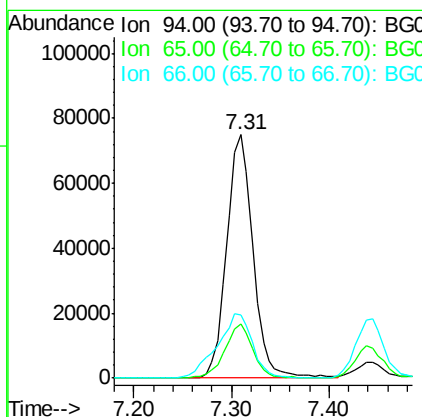
RT: 7.31 min Scan# 761

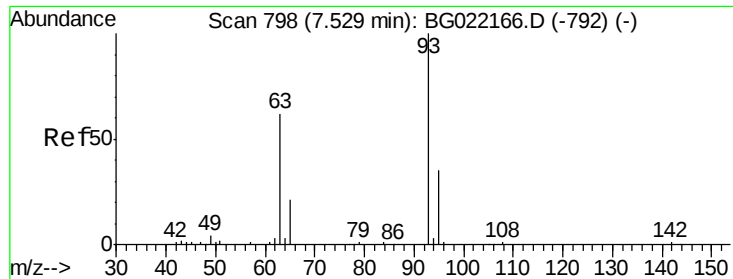
Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.1	9.8	49.8
66	26.1	20.8	60.8





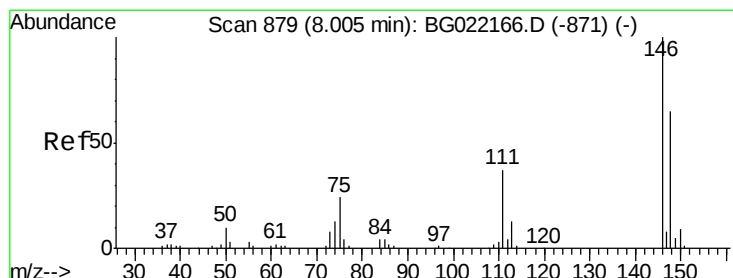
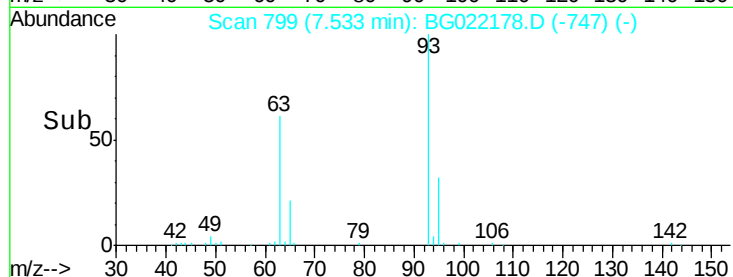
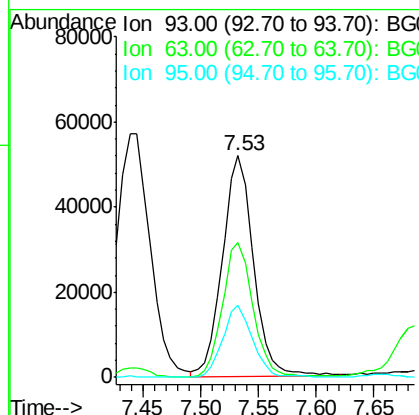
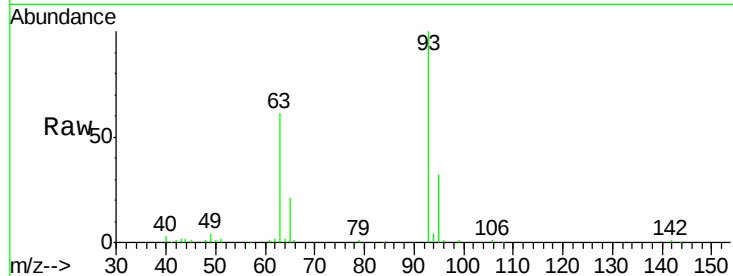
#11
bis(2-Chloroethyl)ether
Concen: 50.21 ng
RT: 7.53 min Scan# 799
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	97111		
63	61.0	74.9	114.9#	
95	32.4	8.3	48.3	

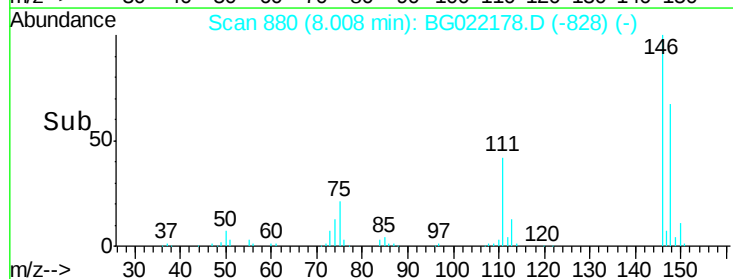
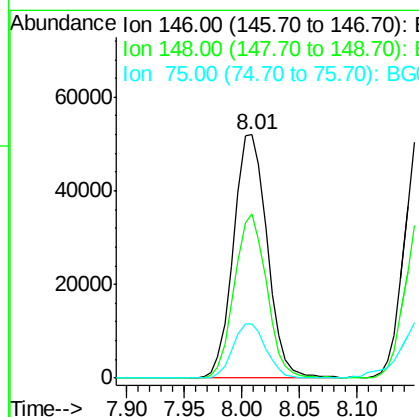
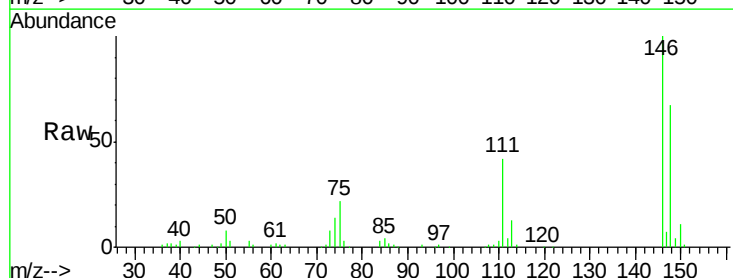
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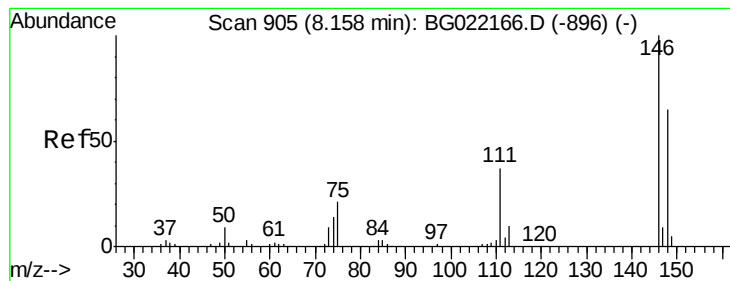
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#12
1,3-Dichlorobenzene
Concen: 47.59 ng
RT: 8.01 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	105503		
148	67.2	53.7	80.5	
75	22.2	27.4	41.0#	





#13

1,4-Dichlorobenzene

Concen: 49.13 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG022178.D

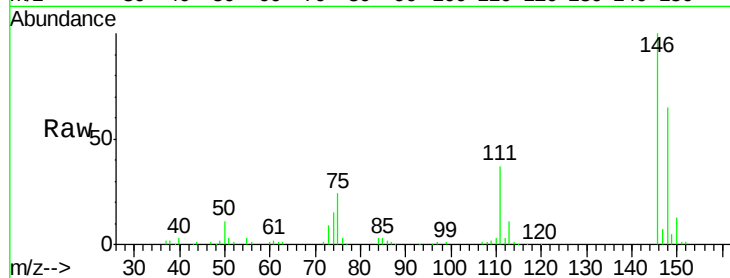
Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampleId :

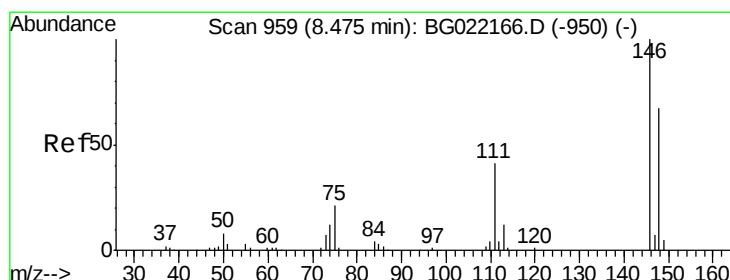
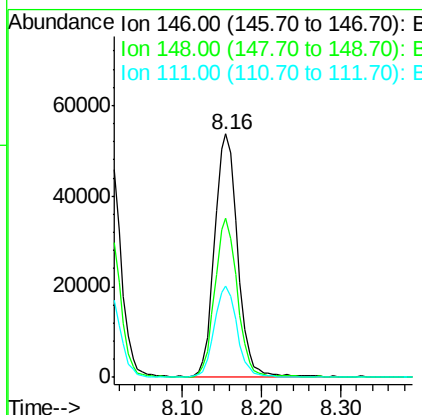
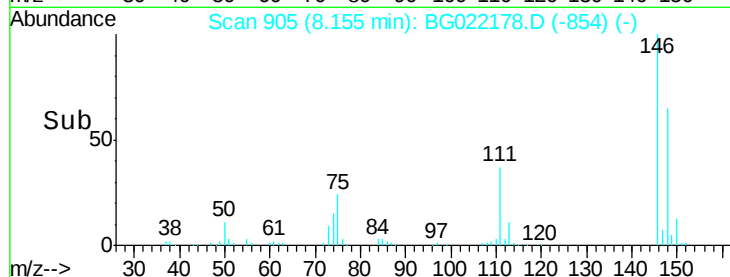
SB-15MSD



Tgt Ion:	146	Resp:	108527
Ion Ratio	Lower	Upper	
146	100		
148	65.3	46.7	70.1
111	37.3	33.0	49.6

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#14

1,2-Dichlorobenzene

Concen: 47.59 ng

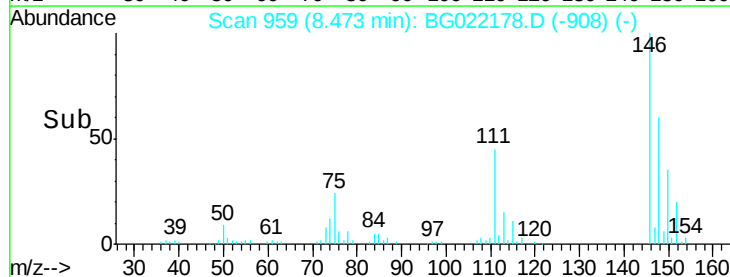
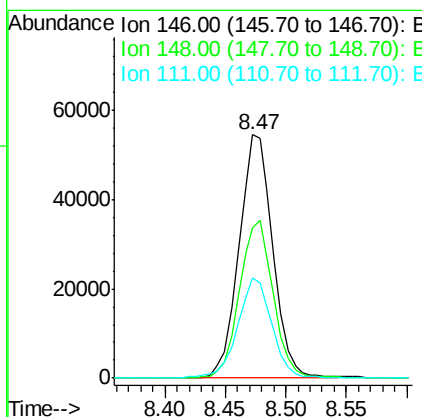
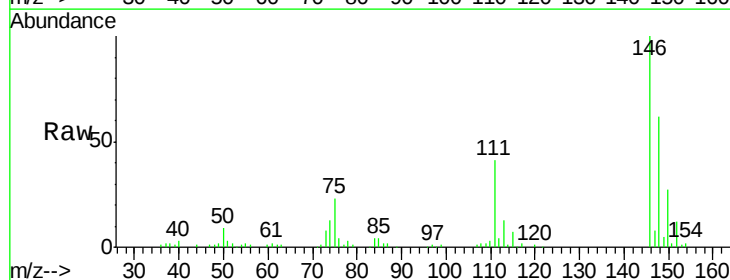
RT: 8.47 min Scan# 959

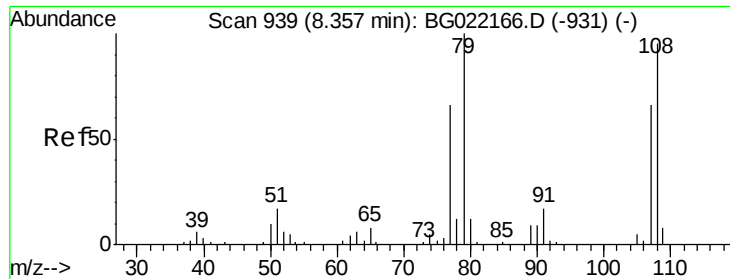
Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt Ion:	146	Resp:	105976
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.6	79.0
111	41.0	36.1	54.1





#15

Benzyl Alcohol

Concen: 49.81 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

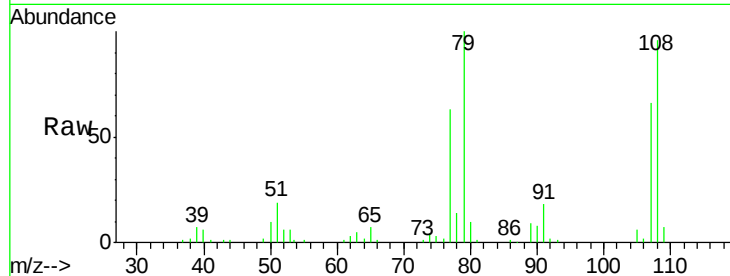
ClientSampleId :

SB-15MSD

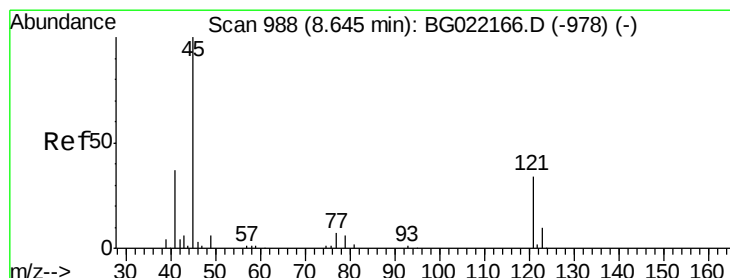
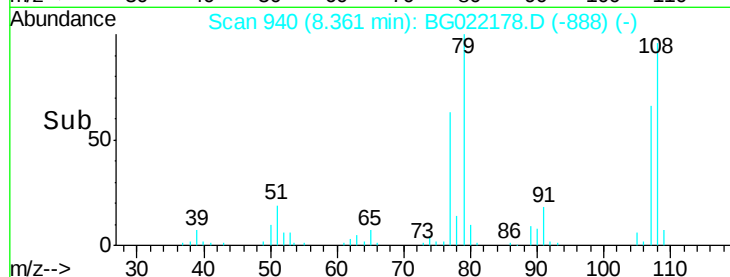
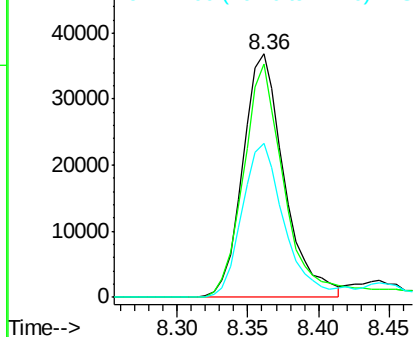
Tgt Ion:	79	Resp:	75720
Ion Ratio	Lower	Upper	
79	100		
108	95.7	59.4	89.0#
77	63.3	52.2	78.2

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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: 47.09 ng

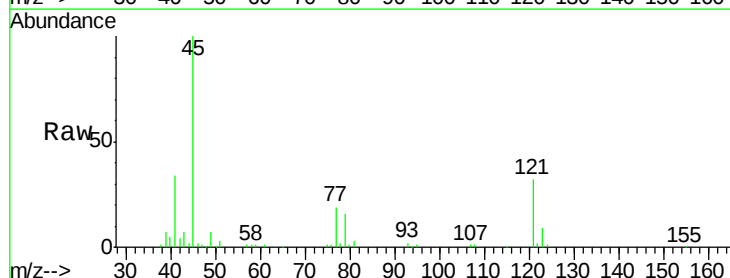
RT: 8.65 min Scan# 989

Delta R.T. 0.00 min

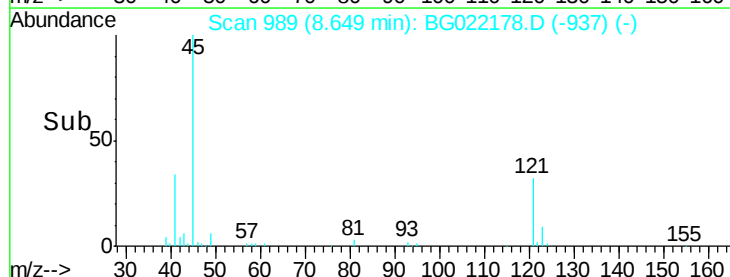
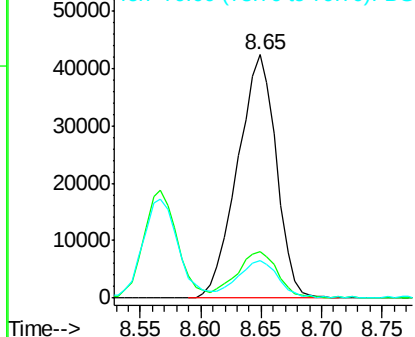
Lab File: BG022178.D

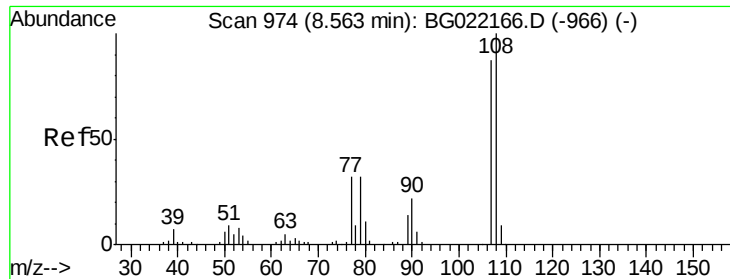
Acq: 6 Jun 2016 21:05

Tgt Ion:	45	Resp:	94496
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	31.2
79	15.6	0.0	29.0



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





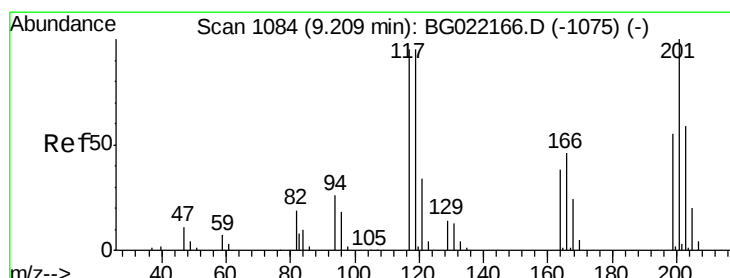
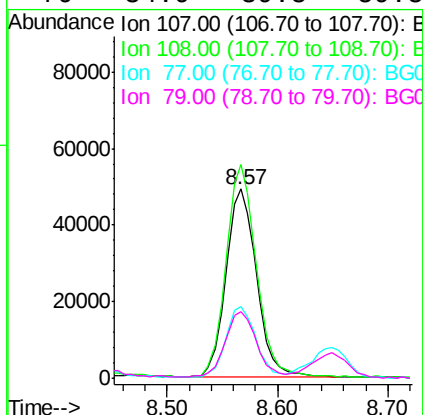
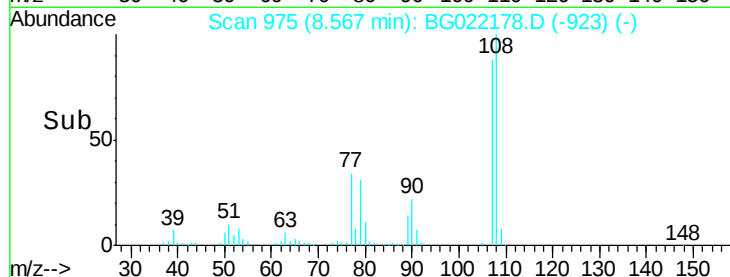
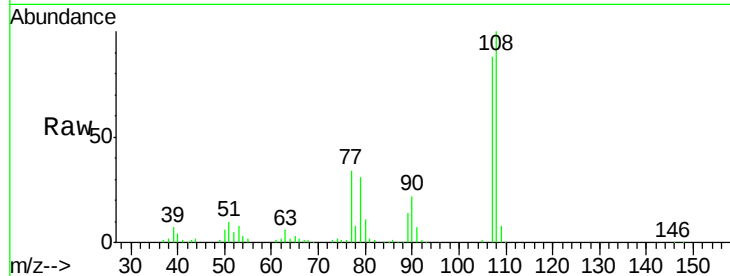
#17
2-Methylphenol
Concen: 53.06 ng
RT: 8.57 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	96044		
108	113.0	80.2	120.4	
77	37.9	40.7	61.1#	
79	34.9	39.8	59.8#	

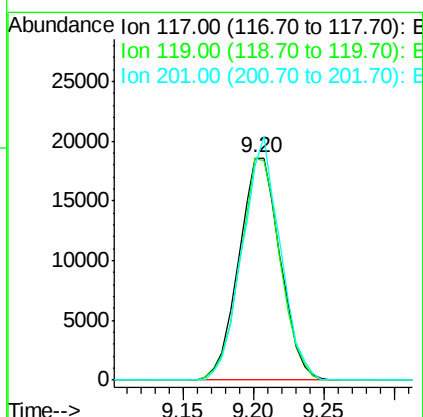
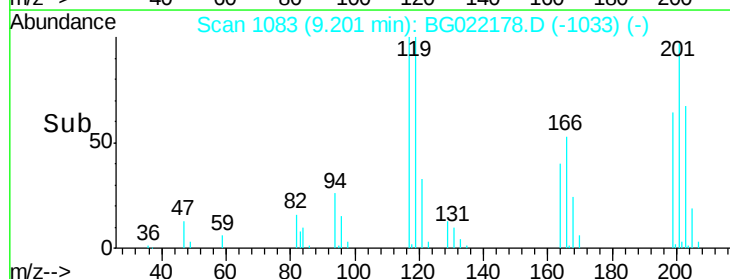
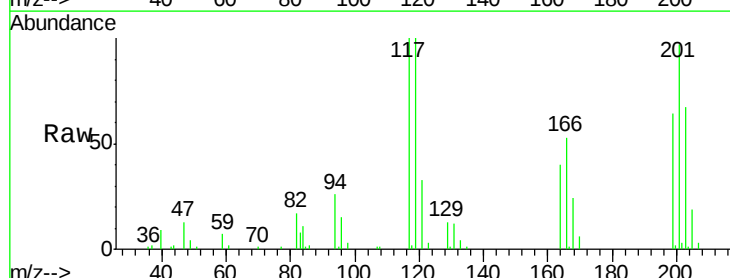
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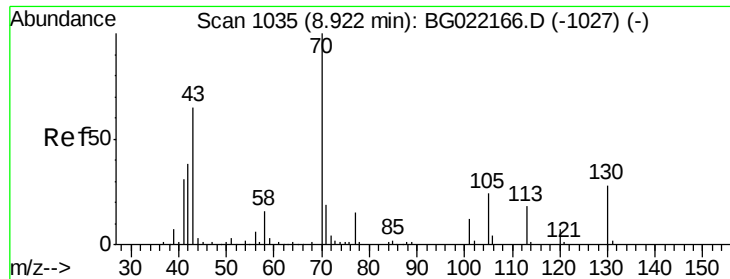
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#18
Hexachloroethane
Concen: 47.22 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38088		
119	99.7	63.9	95.9#	
201	99.8	61.2	91.8#	





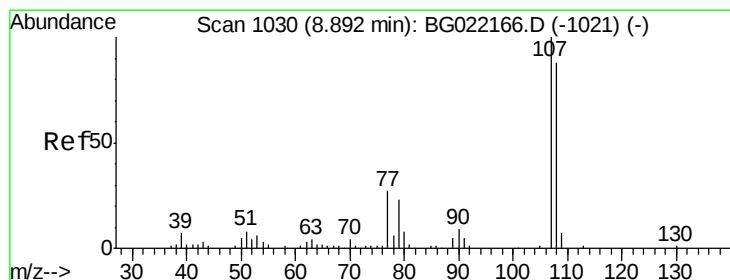
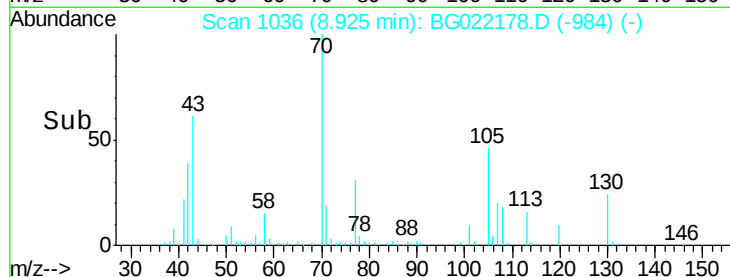
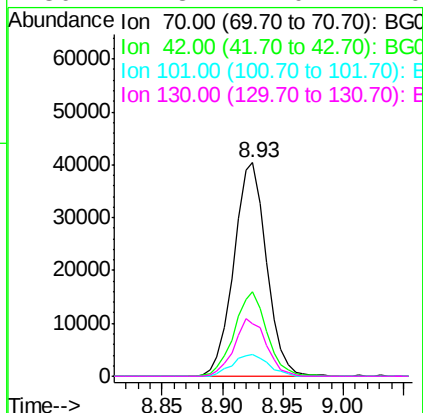
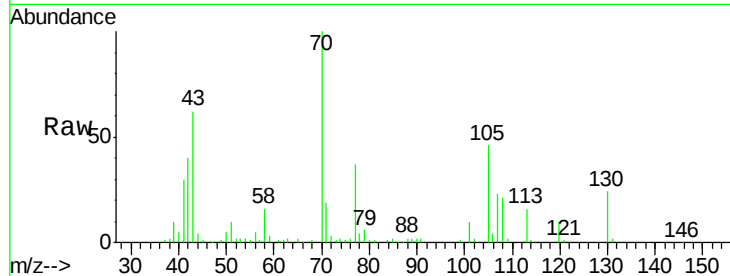
#19
n-Nitroso-di-n-propylamine
Concen: 47.82 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.6	56.7	85.1#
101	10.0	8.2	12.4
130	24.3	14.0	21.0#

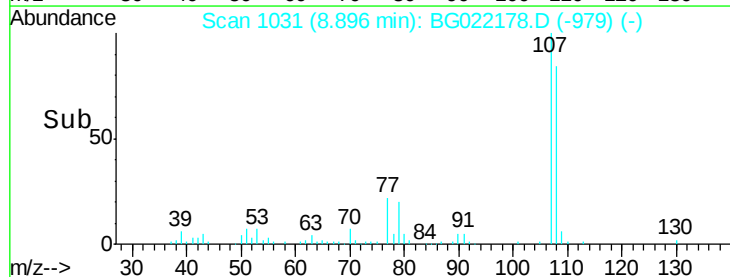
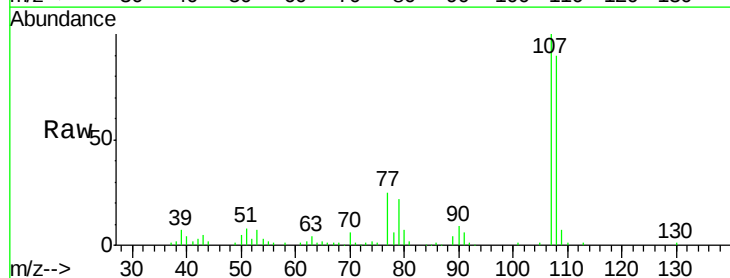
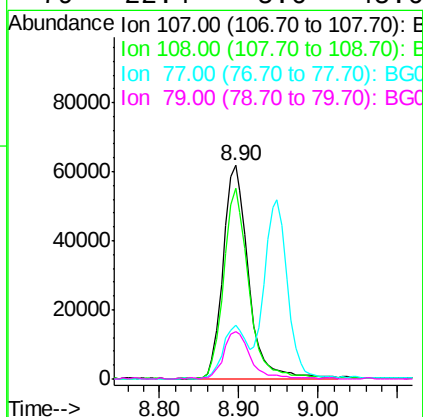
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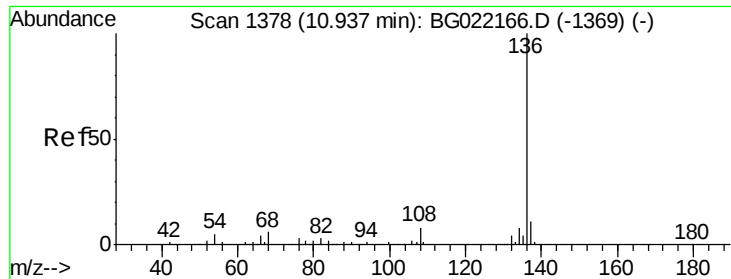
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#20
3+4-Methylphenols
Concen: 53.13 ng
RT: 8.90 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	66.2	106.2
77	25.4	11.5	51.5
79	22.4	5.6	45.6





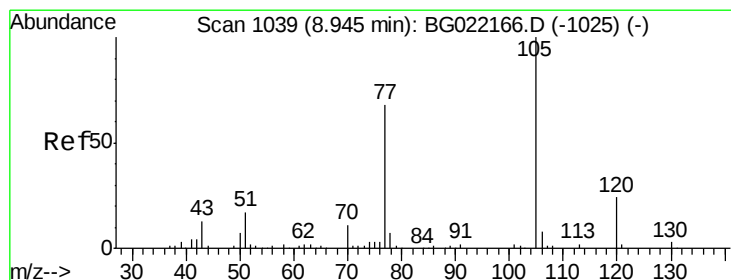
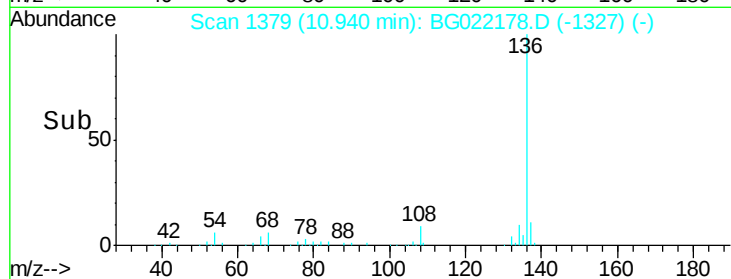
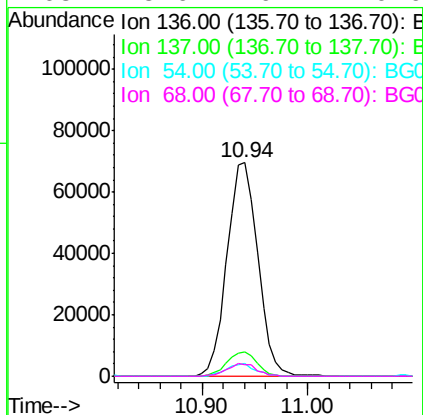
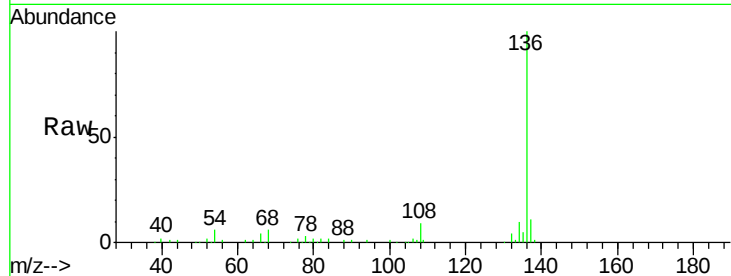
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	140196		
137	11.4	9.0	13.4	
54	6.2	9.6	14.4	
68	5.6	6.4	9.6	

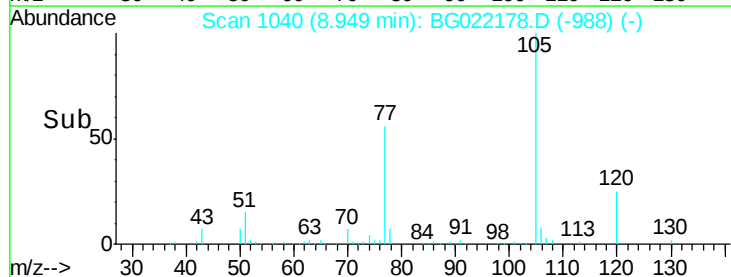
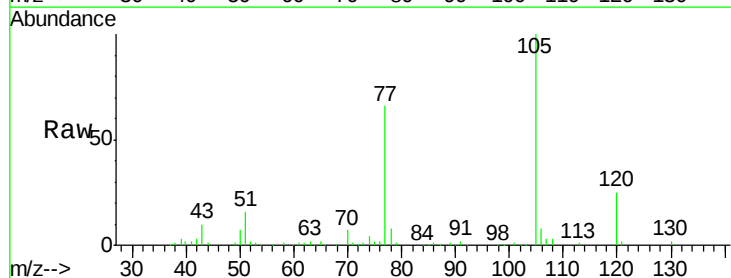
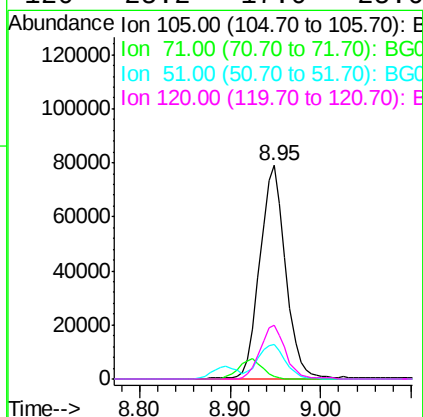
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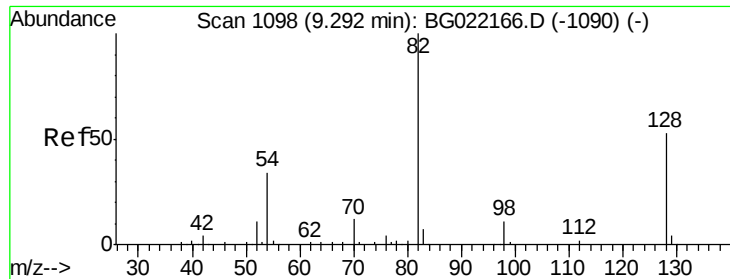
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#22
Acetophenone
Concen: 51.83 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156577		
71	1.2	0.0	0.0	
51	16.0	25.7	38.5	
120	25.2	17.0	25.6	





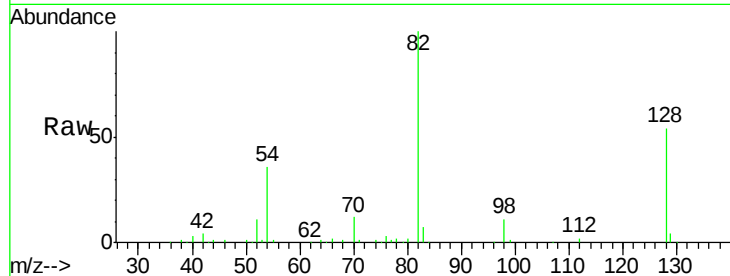
#23
Nitrobenzene-d5
Concen: 102.86 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

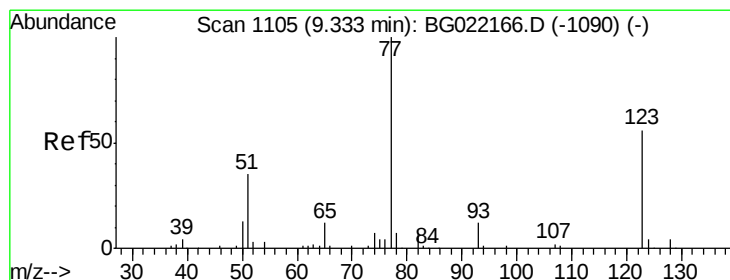
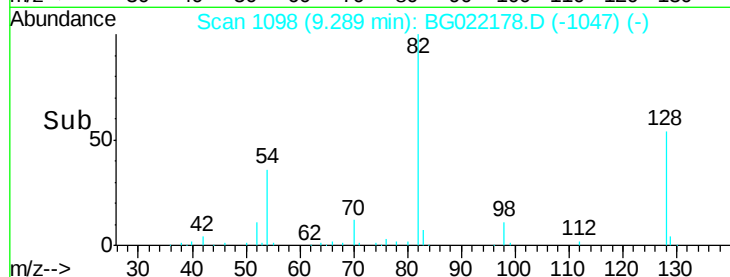
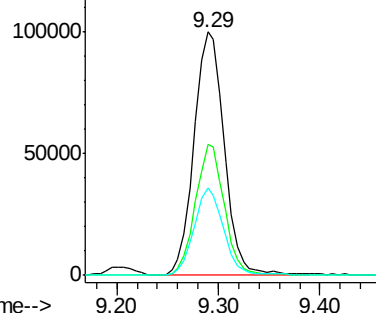
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	206847		
128	53.6	33.4	50.0#	
54	36.1	46.1	69.1#	

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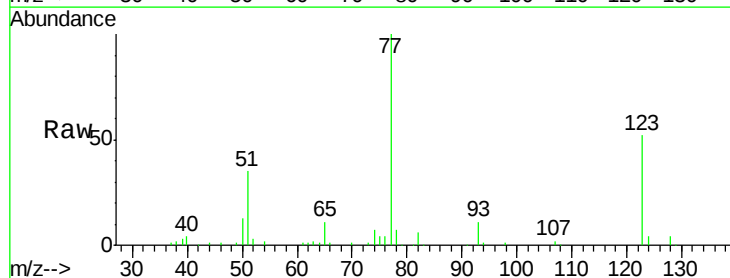


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

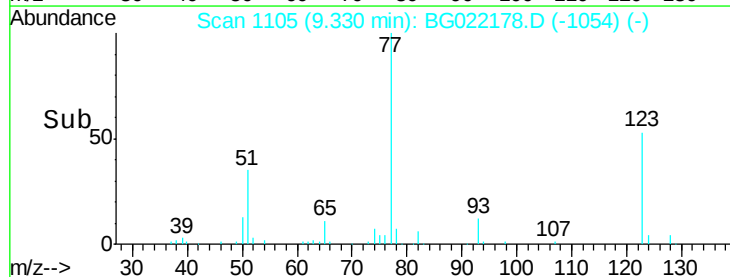
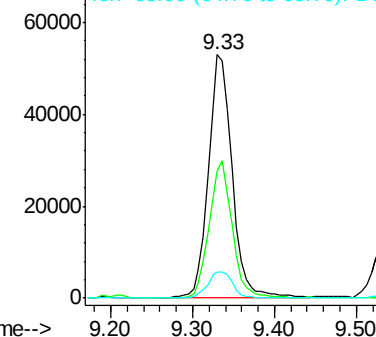


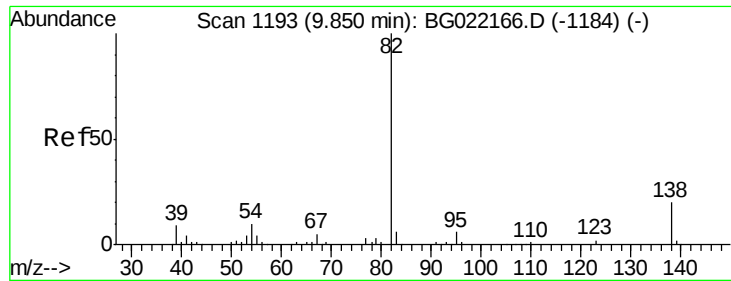
#24
Nitrobenzene
Concen: 53.16 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	107499		
123	52.2	32.2	48.4#	
65	10.8	10.3	15.5	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.28 ng

RT: 9.85 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampleId :

SB-15MSD

Tgt Ion: 82 Resp: 227129
Ion Ratio Lower Upper

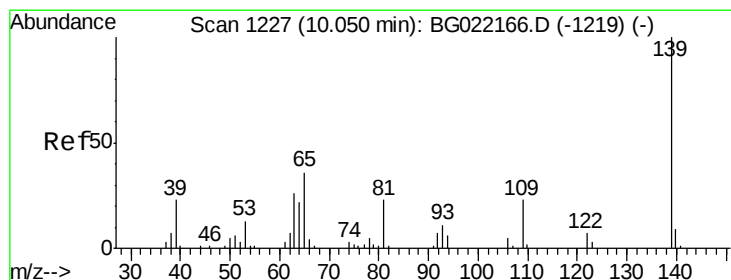
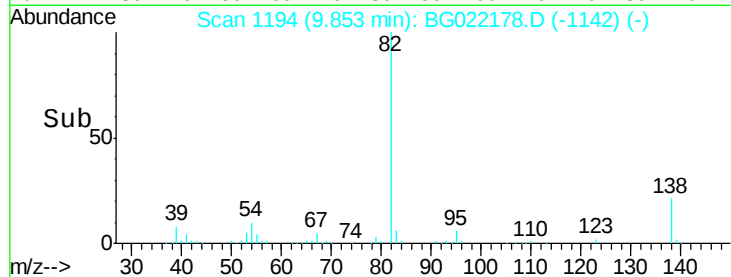
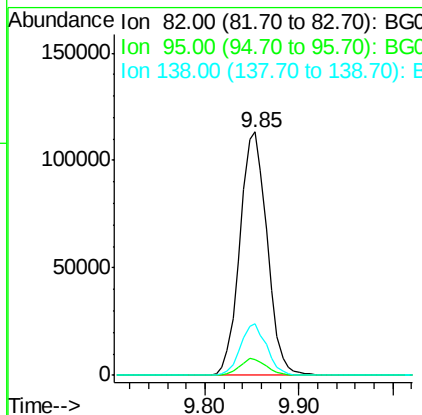
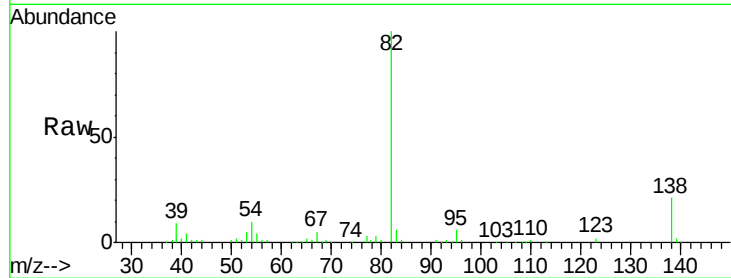
82 100

95 6.3 6.0 9.0

138 21.3 13.4 20.0#

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#26

2-Nitrophenol

Concen: 54.48 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG022178.D

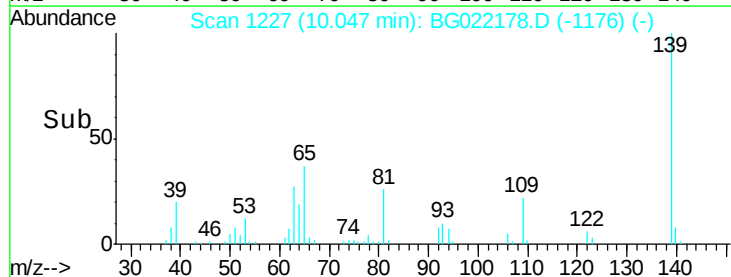
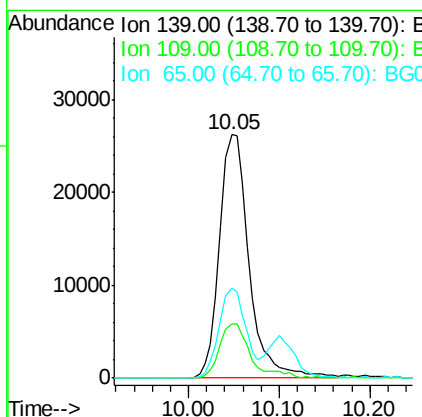
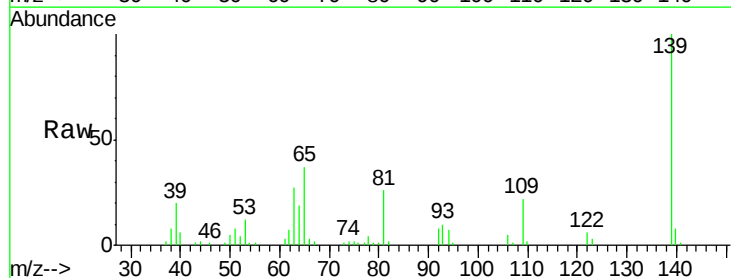
Acq: 6 Jun 2016 21:05

Tgt Ion: 139 Resp: 59736
Ion Ratio Lower Upper

139 100

109 22.1 26.6 40.0#

65 36.8 45.3 67.9#





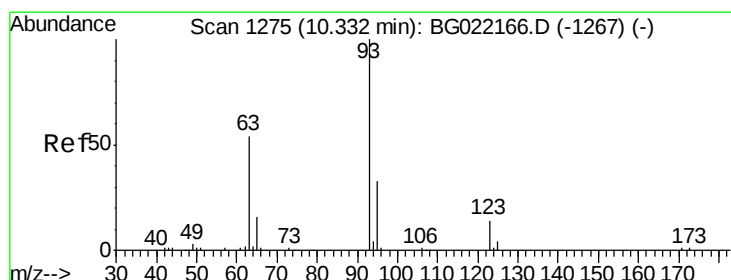
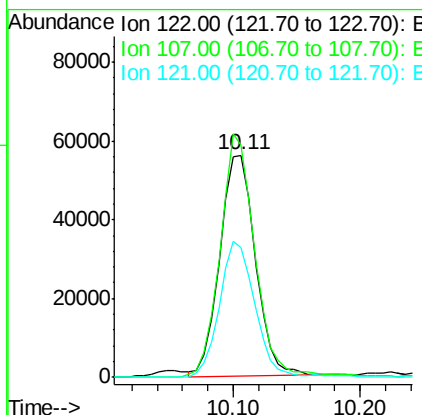
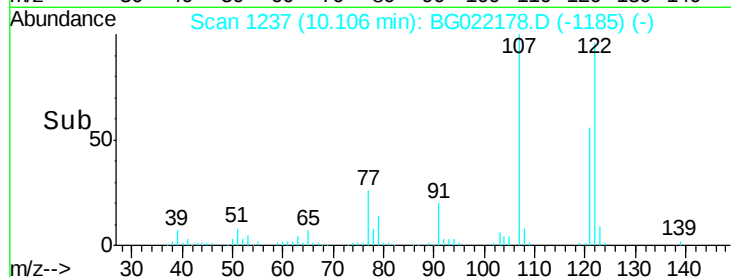
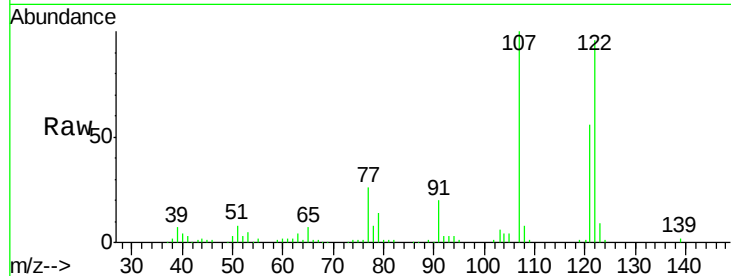
#27
2,4-Dimethylphenol
Concen: 54.90 ng
RT: 10.11 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	108960		
107	104.6	97.2	145.8	
121	58.4	49.0	73.4	

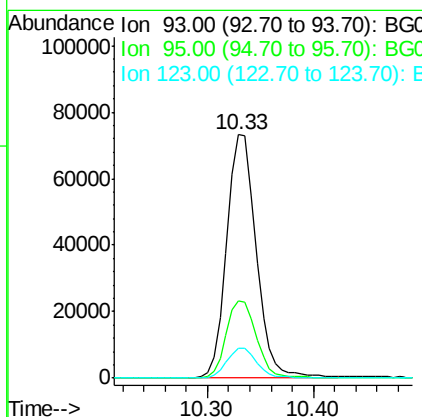
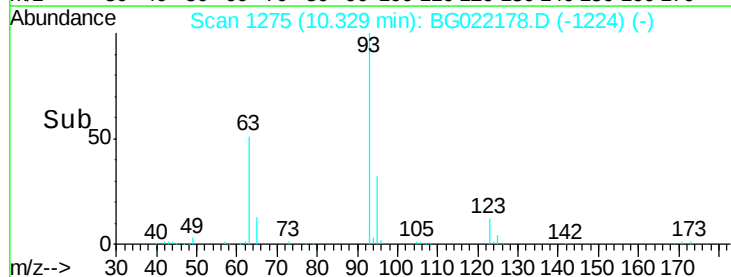
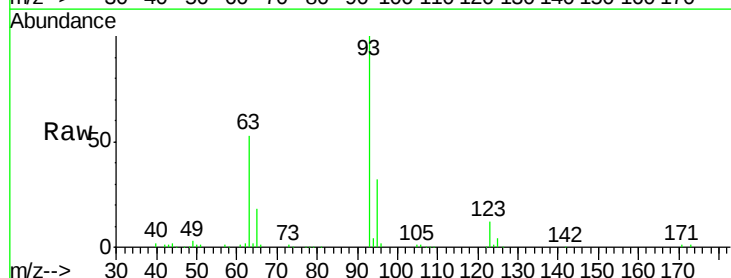
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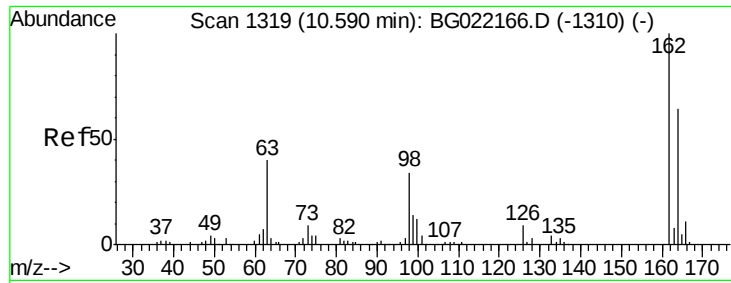
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#28
bis(2-Chloroethoxy)methane
Concen: 52.70 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142052		
95	31.7	30.1	45.1	
123	12.2	10.2	15.4	





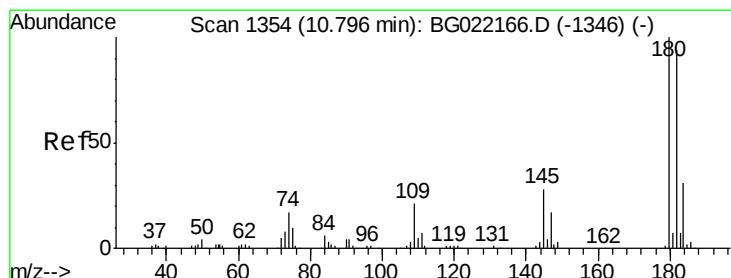
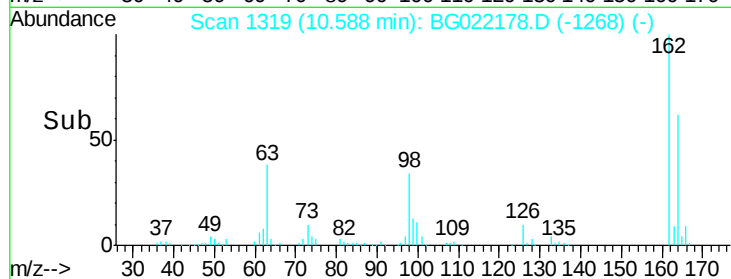
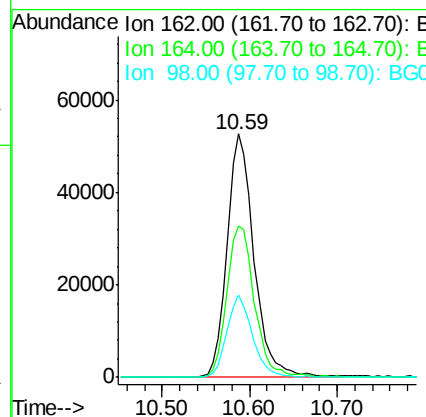
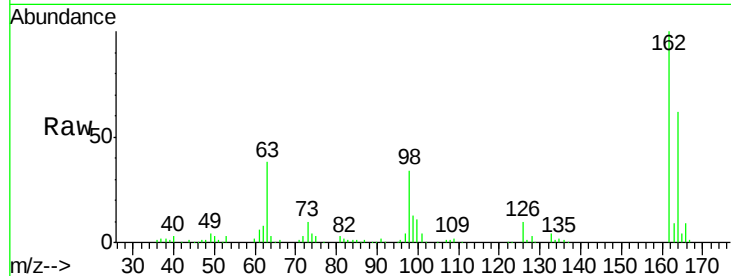
#29
 2,4-Dichlorophenol
 Concen: 60.72 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	111645		
164	62.1	44.9	84.9	
98	33.6	19.2	59.2	

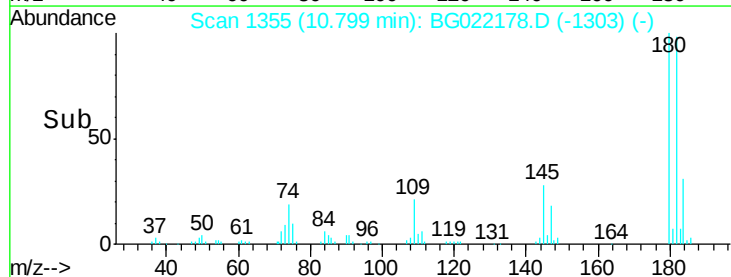
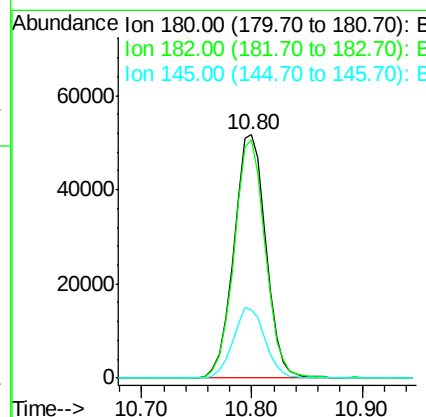
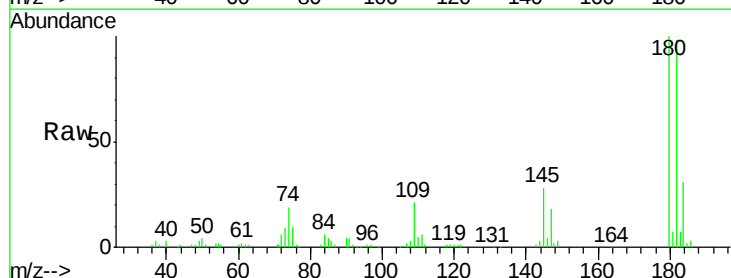
Manual Integrations
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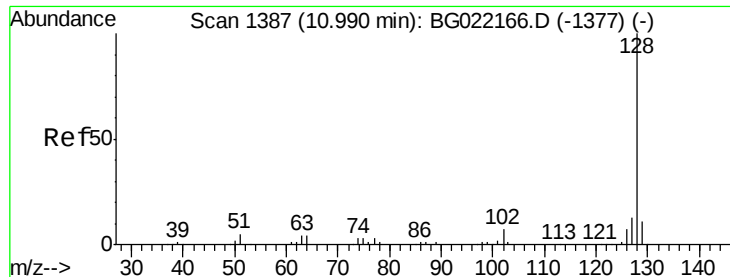
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.12 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105015		
182	98.0	82.3	123.5	
145	28.3	24.4	36.6	





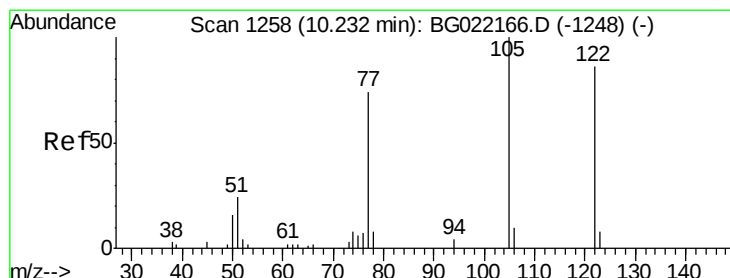
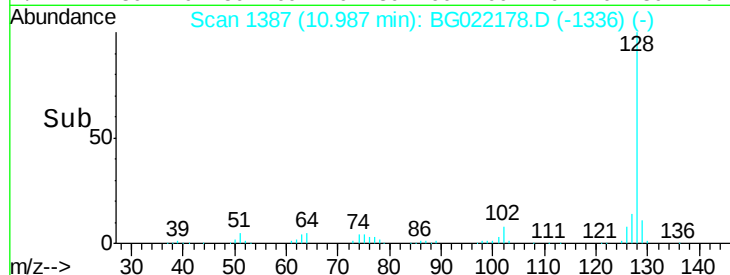
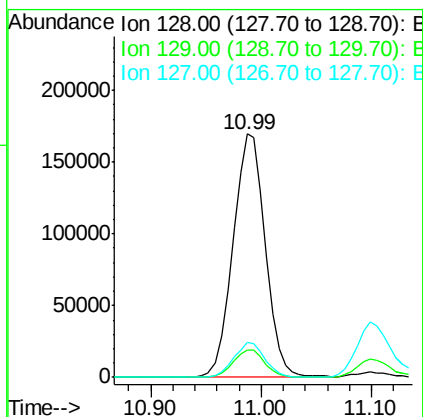
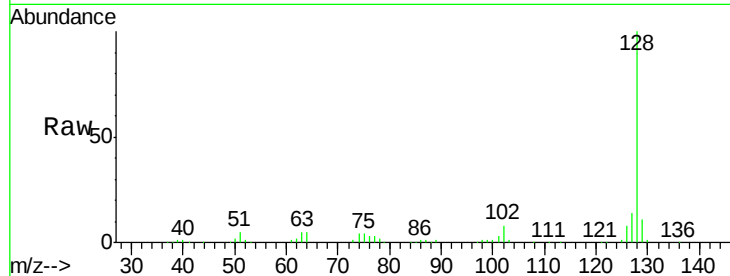
#31
Naphthalene
Concen: 49.77 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	348310		
129	11.1	7.0	10.6#	
127	14.4	10.1	15.1	

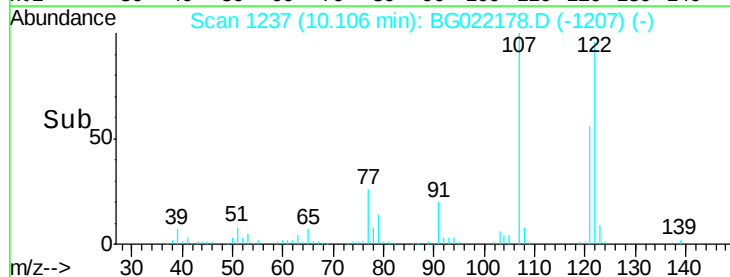
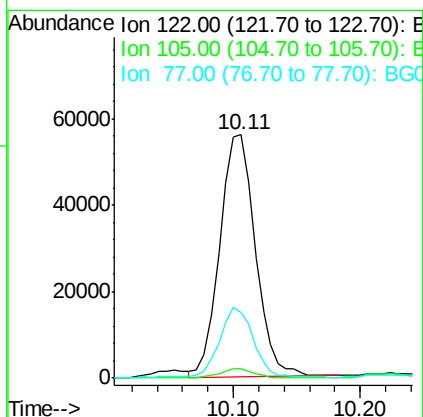
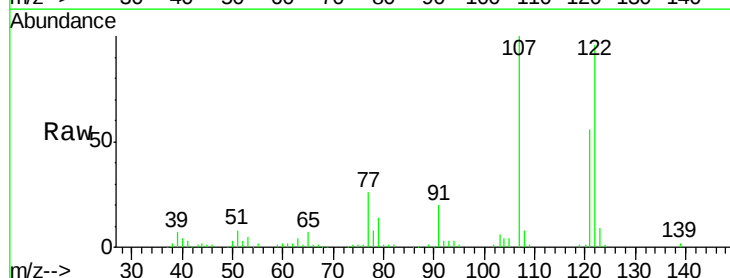
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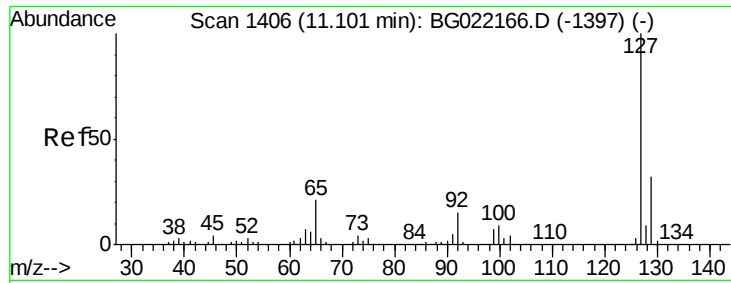
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#32
Benzoic acid
Concen: 104.94 ng
RT: 10.11 min Scan# 1237
Delta R.T. -0.13 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	108960		
105	3.7	104.5	144.5#	
77	26.9	79.9	119.9#	





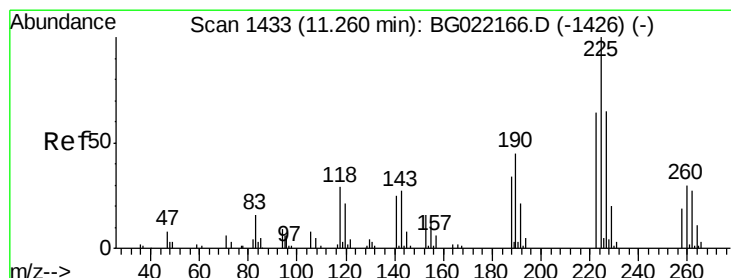
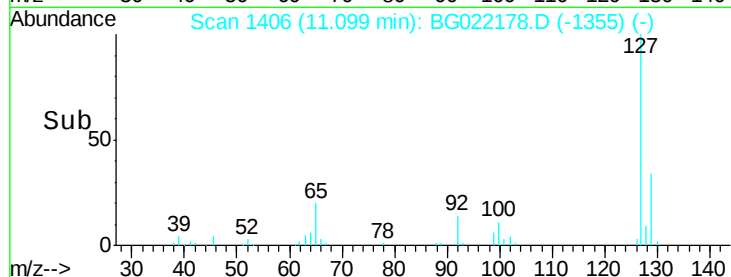
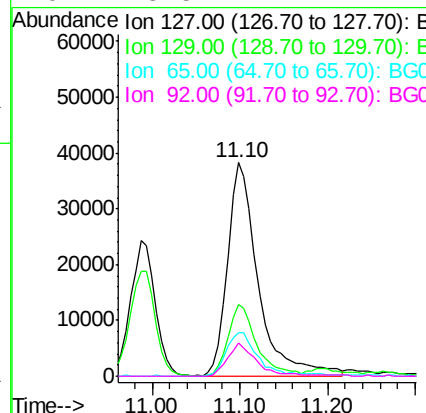
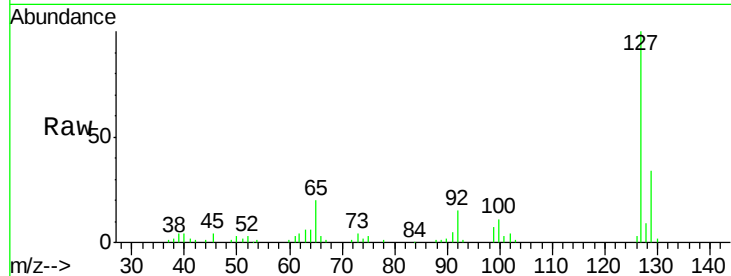
#33
4-Chloroaniline
Concen: 31.78 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	92464		
129	33.6	26.6	39.8	
65	20.1	27.5	41.3	
92	15.5	14.7	22.1	

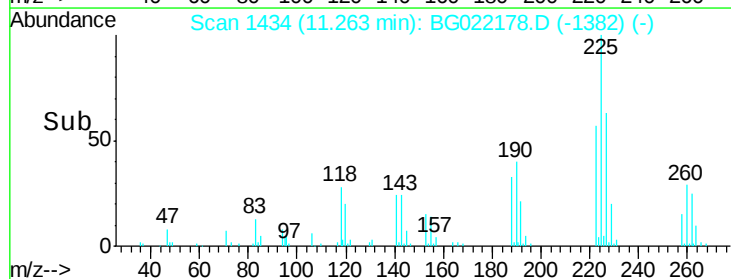
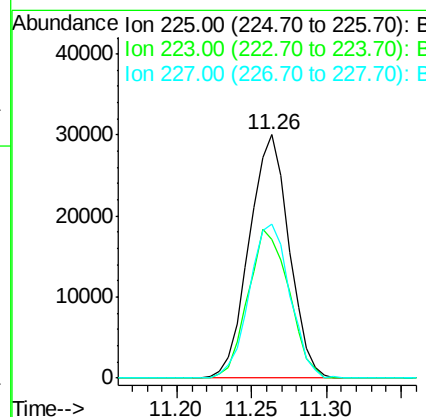
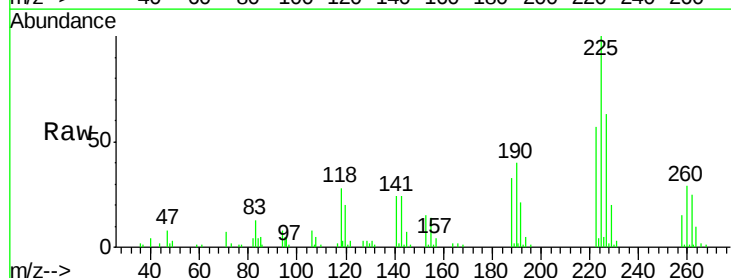
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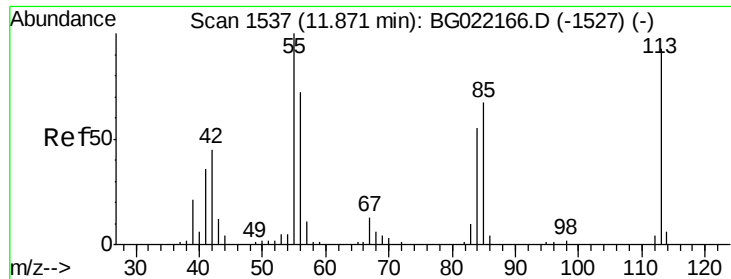
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#34
Hexachlorobutadiene
Concen: 50.23 ng
RT: 11.26 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55399		
223	58.0	52.7	79.1	
227	62.4	49.7	74.5	





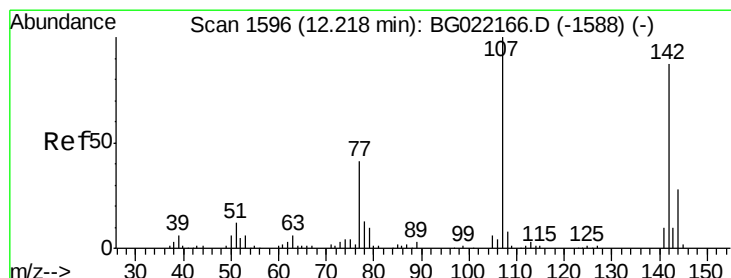
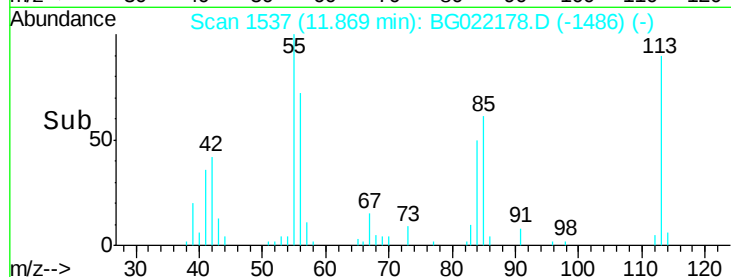
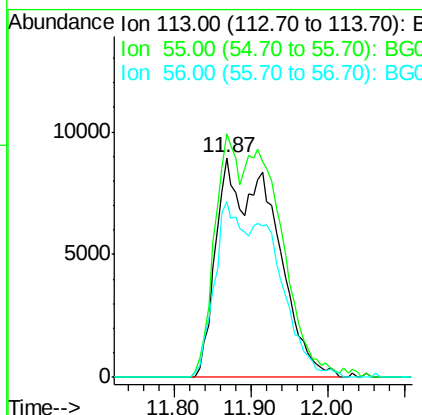
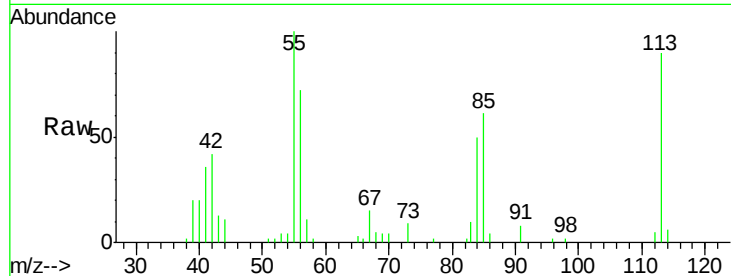
#35
 Caprolactam
 Concen: 46.34 ng m
 RT: 11.87 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	110.8	194.2	234.2#
56	80.2	122.6	162.6#

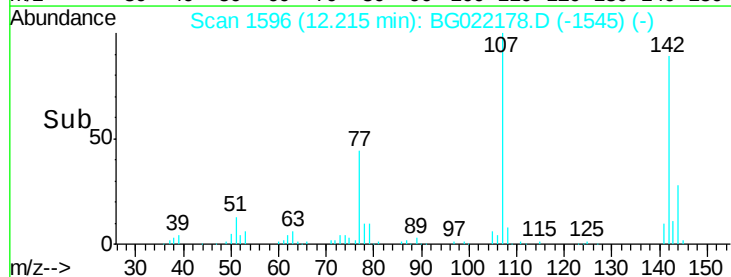
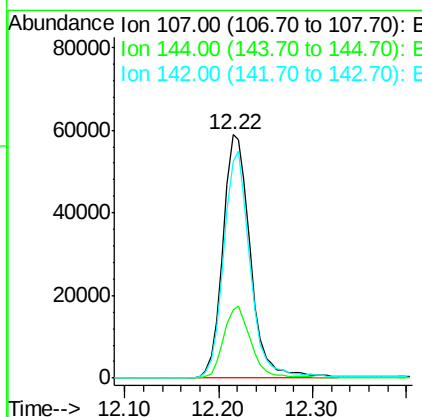
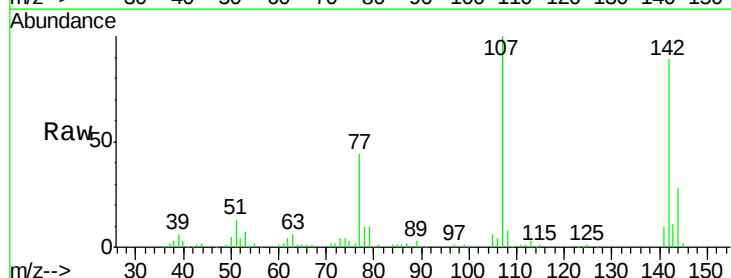
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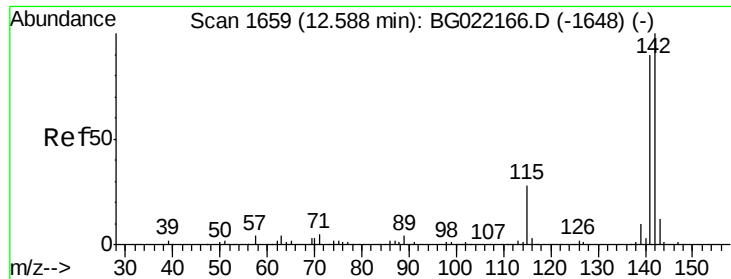
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#36
 4-Chloro-3-methylphenol
 Concen: 55.14 ng
 RT: 12.22 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	19.2	28.8
142	88.8	59.1	88.7#





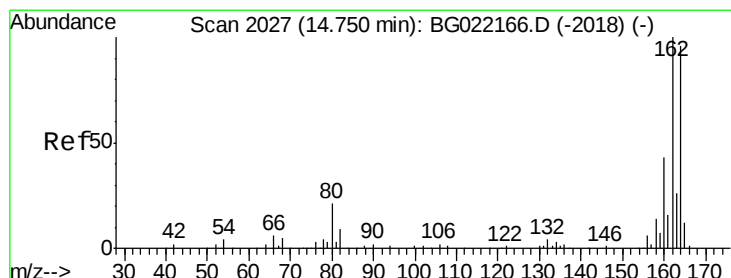
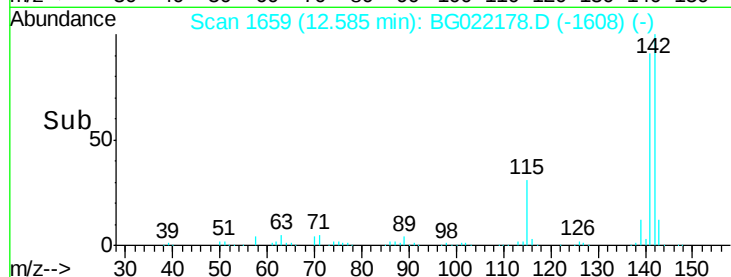
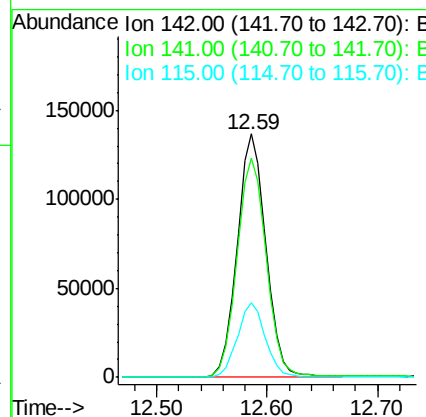
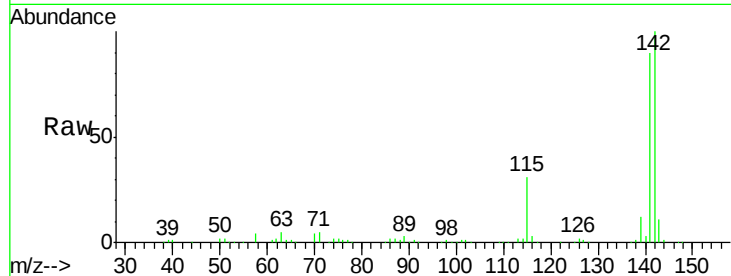
#37
 2-Methylnaphthalene
 Concen: 48.34 ng
 RT: 12.59 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	249746		
141	90.2	71.4	107.0	
115	30.6	27.4	41.2	

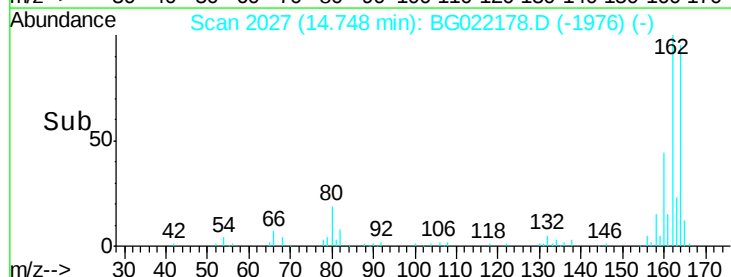
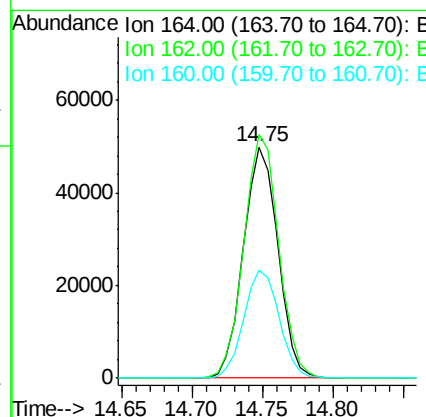
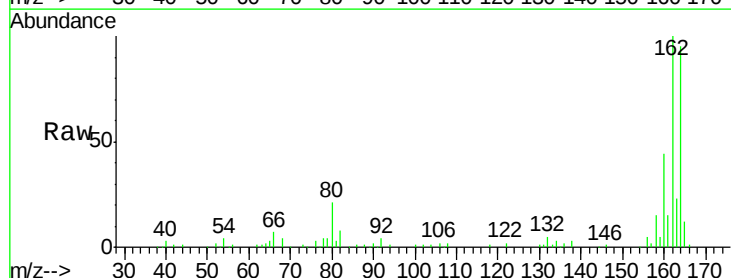
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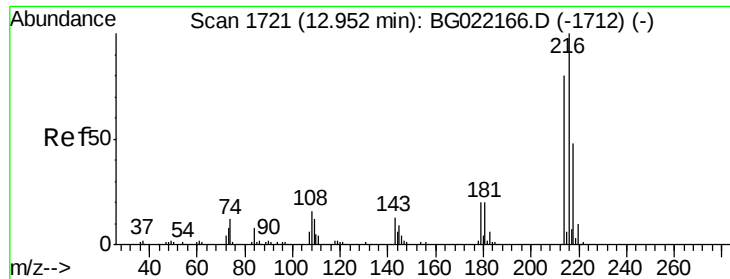
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85626		
162	105.5	78.0	117.0	
160	46.5	32.9	49.3	





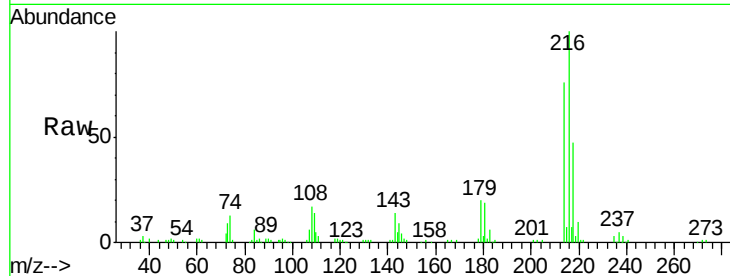
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.82 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

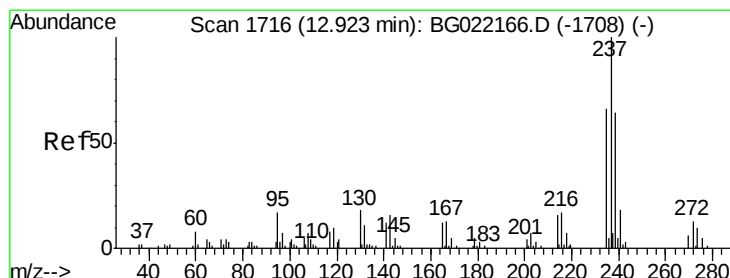
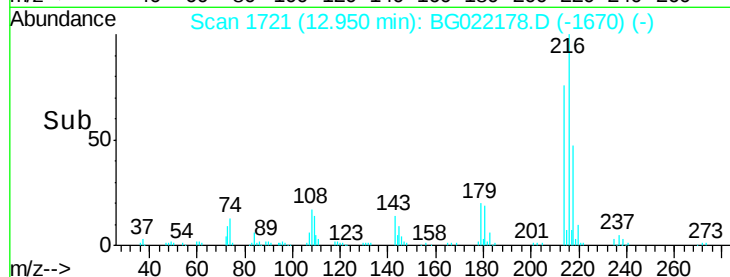
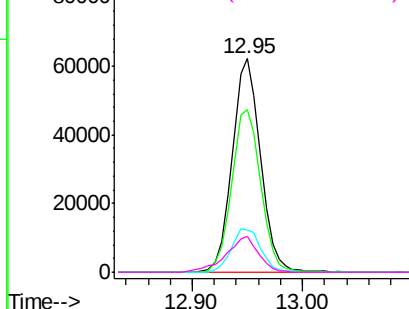
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.2	93.2
179	21.1	16.7	25.1
108	19.3	14.0	21.0

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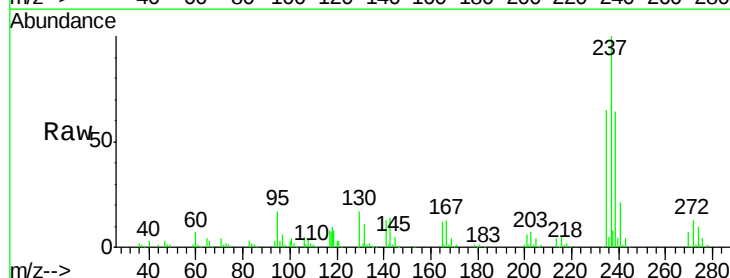


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

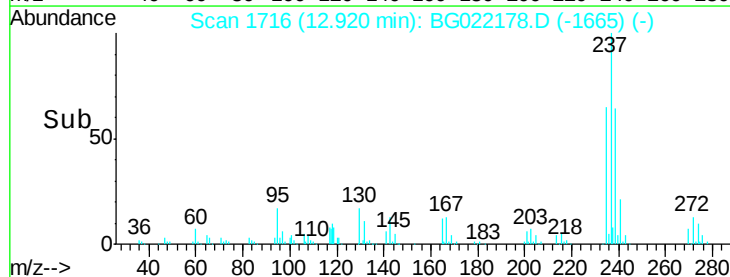
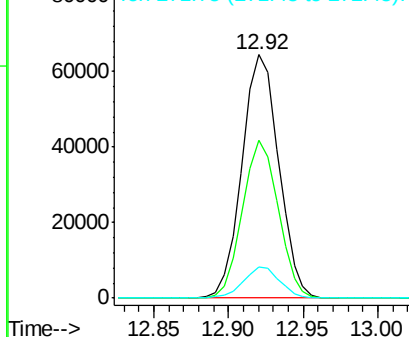


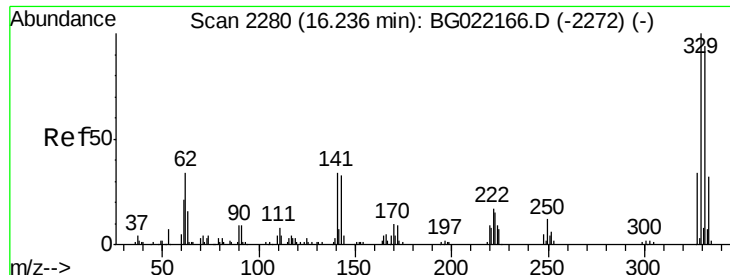
#40
 Hexachlorocyclopentadiene
 Concen: 96.59 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.8	43.2	83.2
272	12.9	0.0	33.4



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





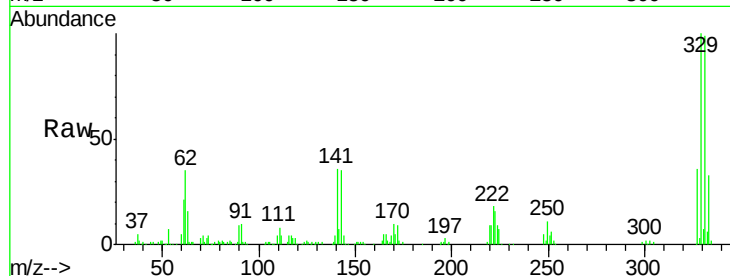
#41
 2,4,6-Tribromophenol
 Concen: 161.89 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

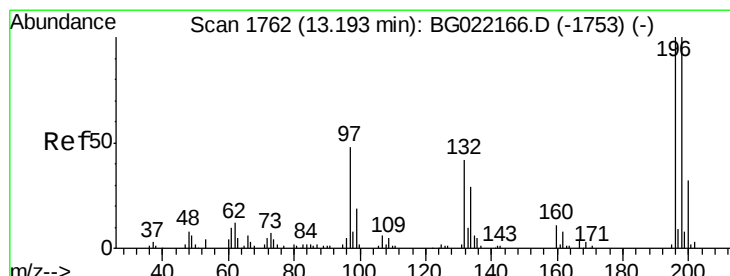
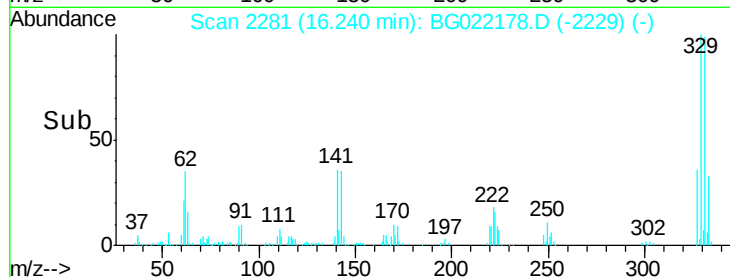
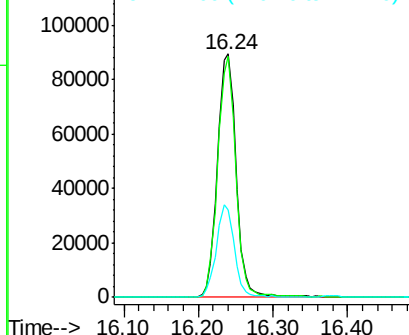
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	156631		
332	95.3	78.0	117.0	
141	36.9	33.8	50.8	

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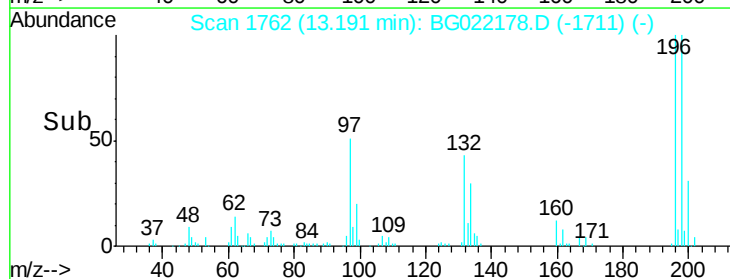
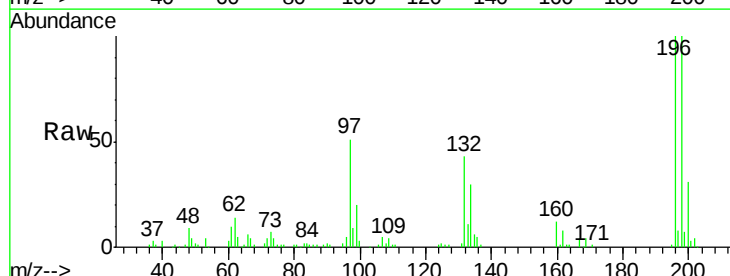
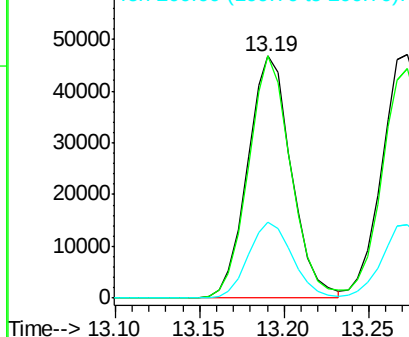
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

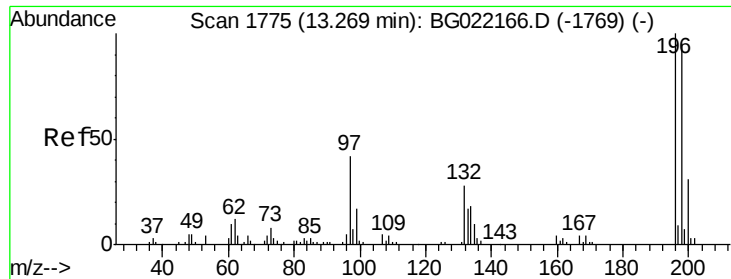


#42
 2,4,6-Trichlorophenol
 Concen: 56.86 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84073		
198	99.9	80.1	120.1	
200	31.2	24.1	36.1	

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





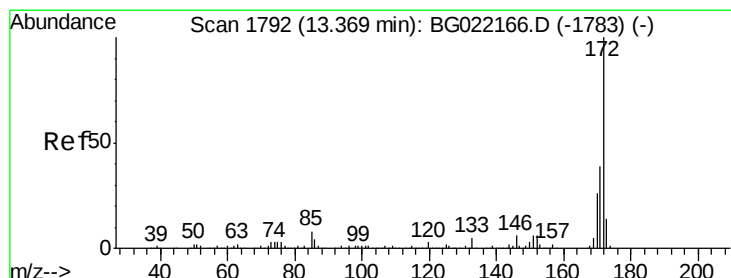
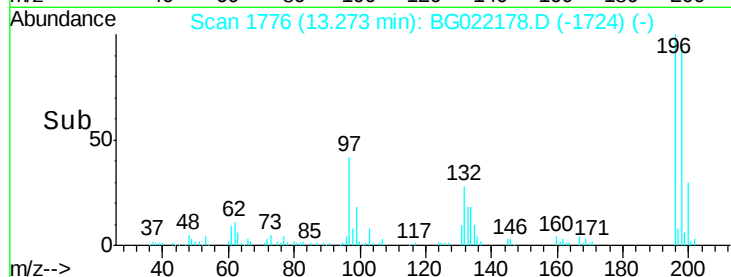
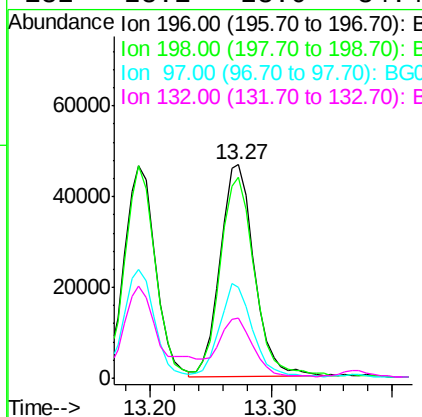
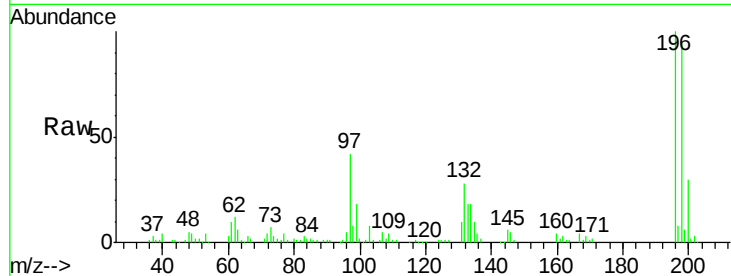
#43
 2,4,5-Trichlorophenol
 Concen: 55.89 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91305		
198	94.2	78.0	117.0	
97	42.5	43.0	64.6	
132	28.1	23.0	34.4	

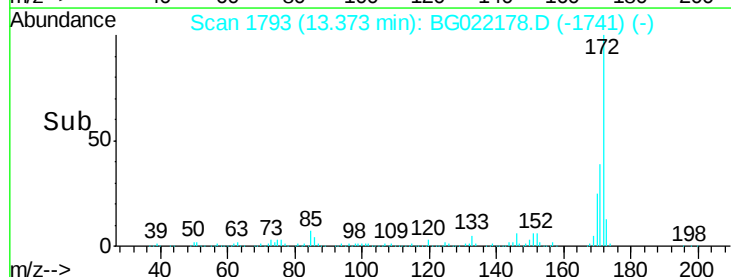
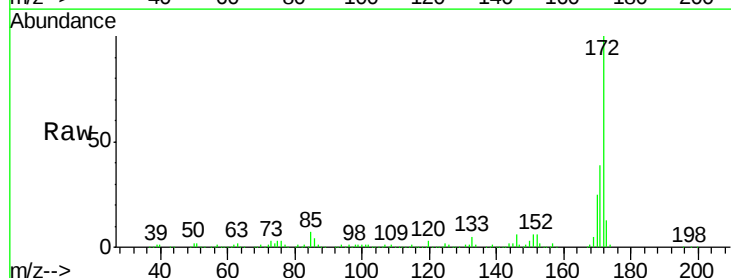
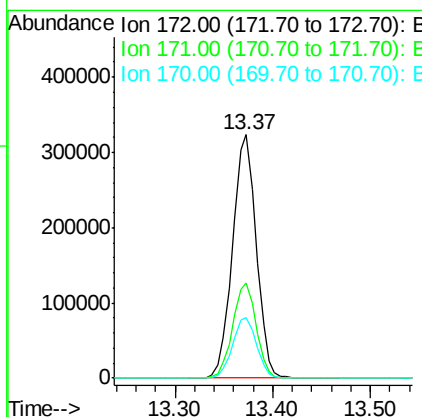
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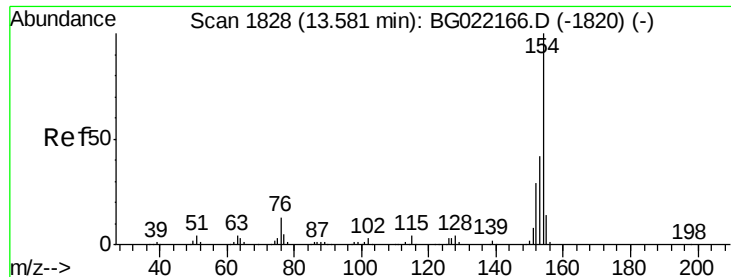
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#44
 2-Fluorobiphenyl
 Concen: 97.01 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	545046		
171	38.8	27.8	41.6	
170	25.0	19.6	29.4	





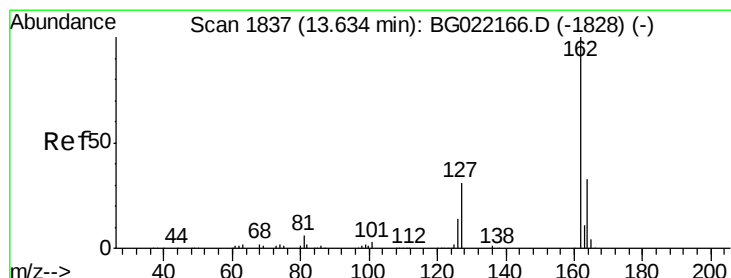
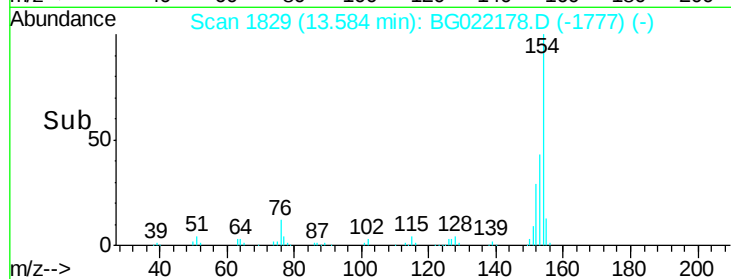
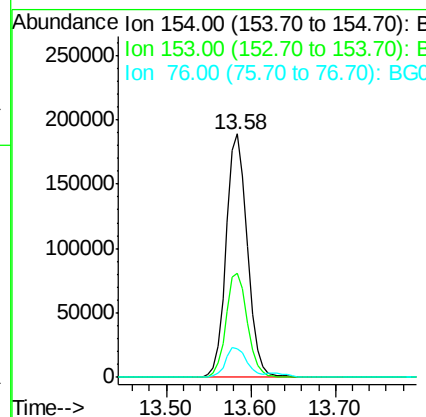
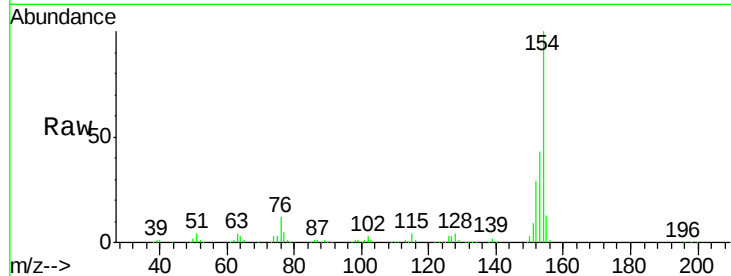
#45
 1,1'-Biphenyl
 Concen: 50.85 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.5	19.7	59.7	
76	11.9	0.0	33.0	

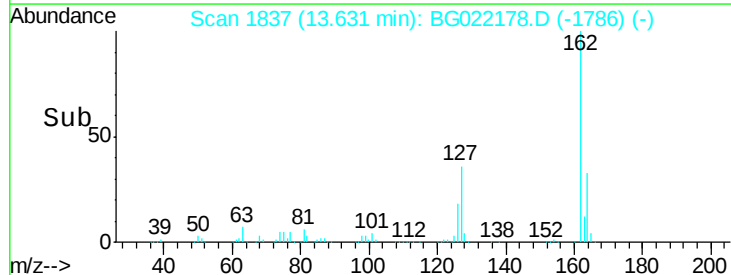
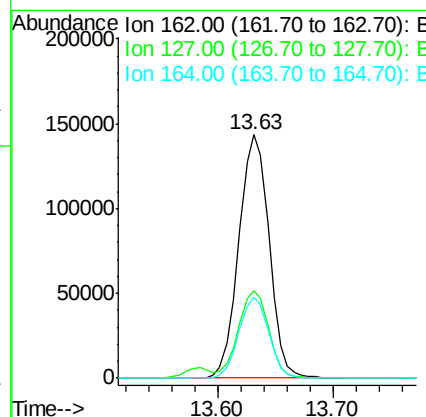
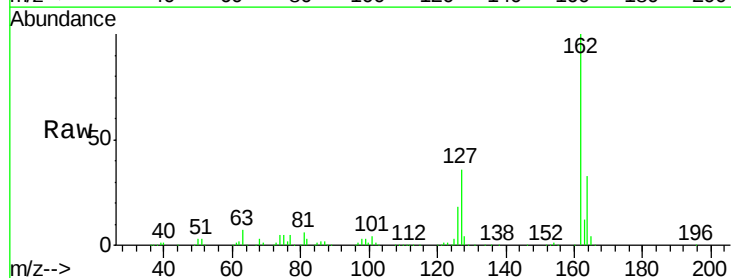
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#46
 2-Chloronaphthalene
 Concen: 52.77 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.8	32.0	48.0	
164	33.1	27.0	40.4	





#47

2-Nitroaniline

Concen: 54.29 ng

RT: 13.84 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

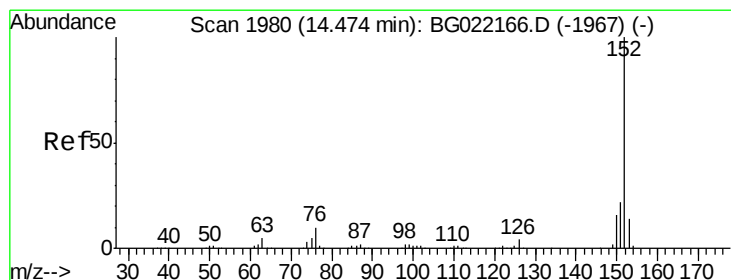
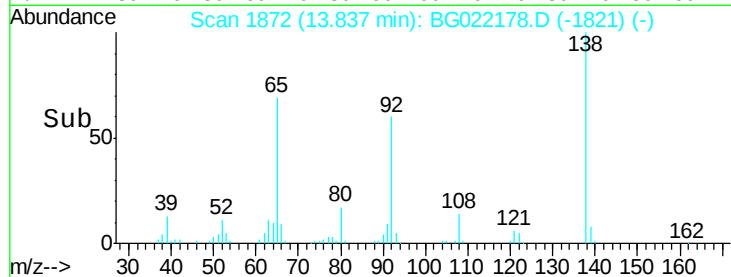
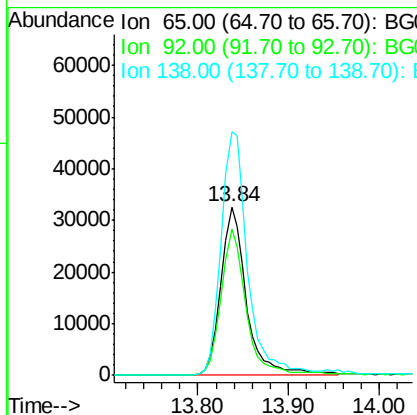
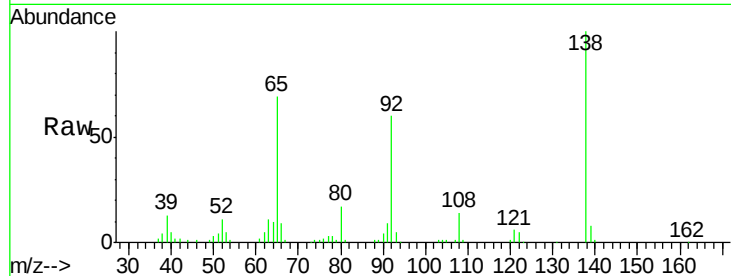
ClientSampleId :

SB-15MSD

Tgt Ion:	65	Resp:	63949
Ion Ratio	Lower	Upper	
65	100		
92	87.0	49.2	73.8#
138	144.8	75.0	112.6#

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#48

Acenaphthylene

Concen: 50.85 ng

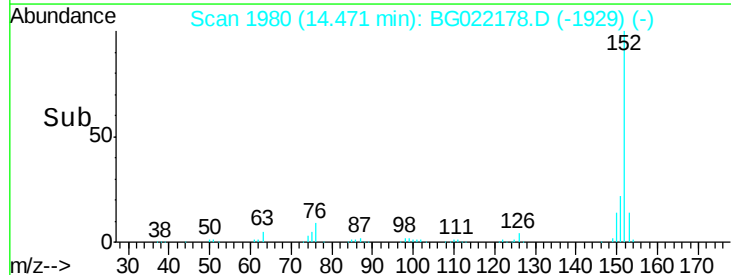
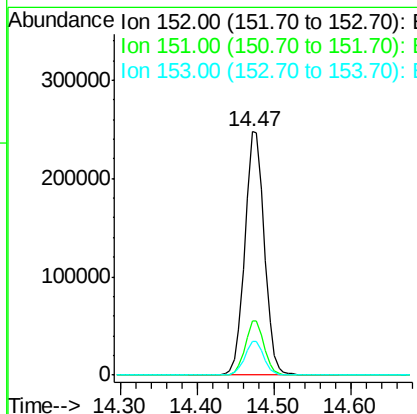
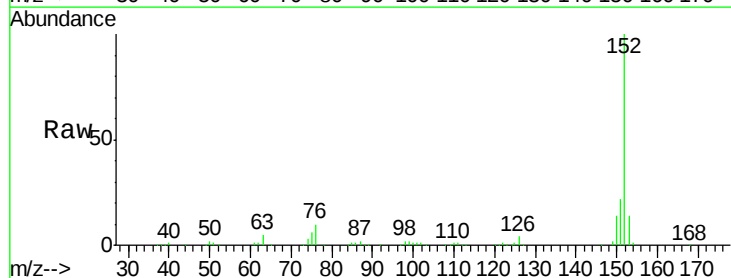
RT: 14.47 min Scan# 1980

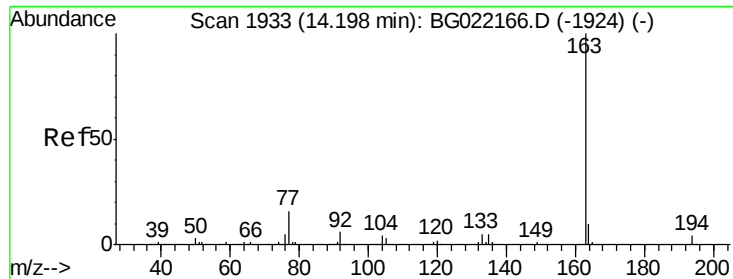
Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt Ion:	152	Resp:	440688
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.6	24.8
153	13.7	10.2	15.2





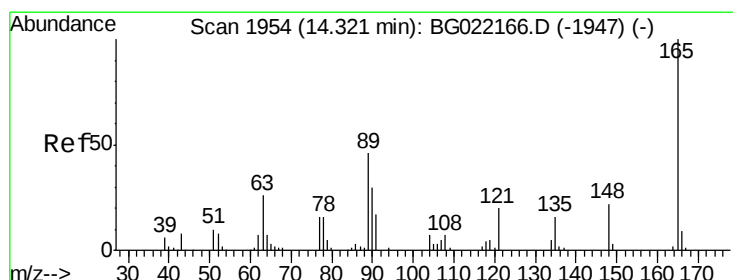
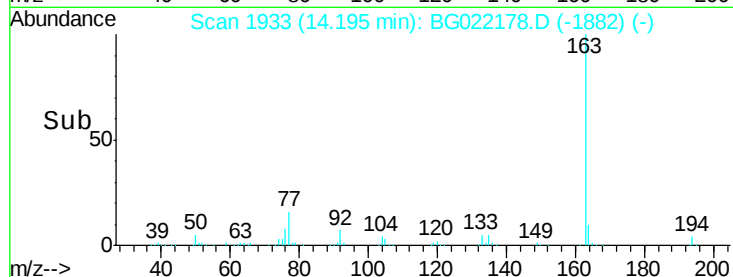
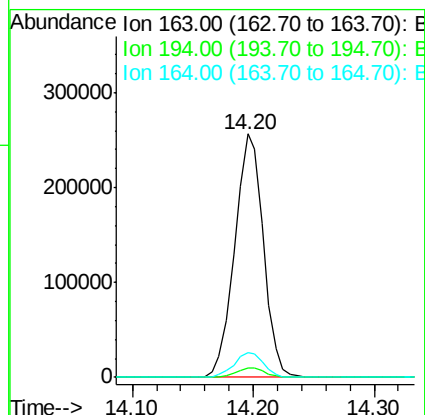
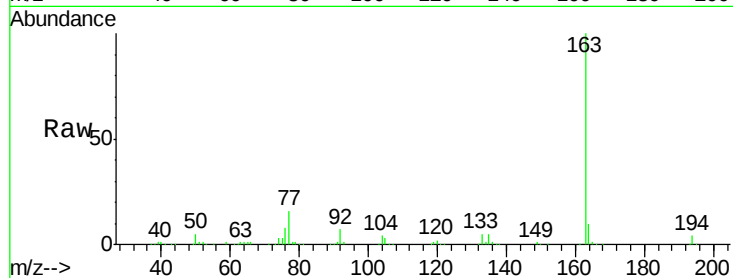
#49
Dimethylphthalate
Concen: 59.65 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.1	12.1

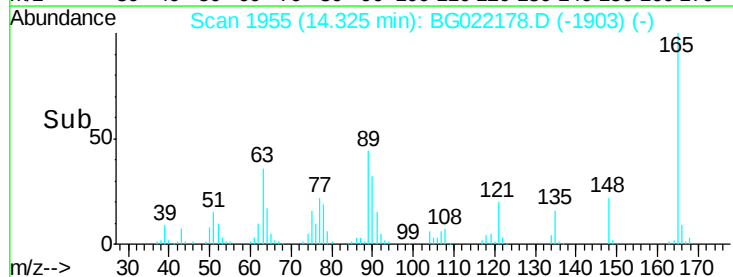
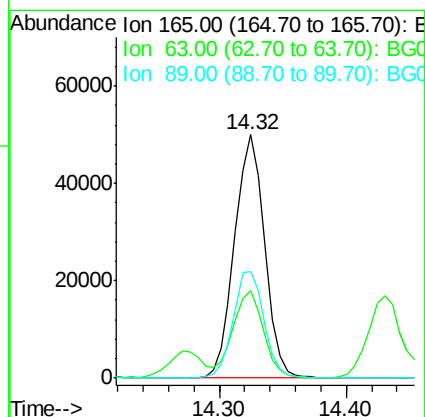
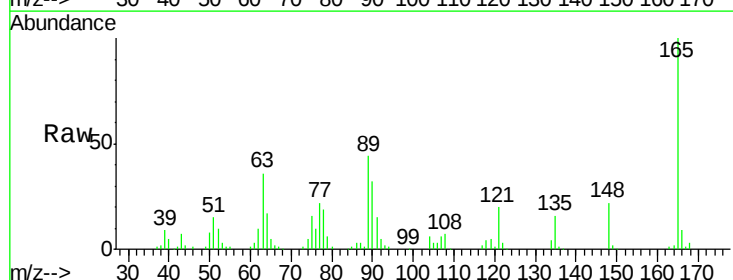
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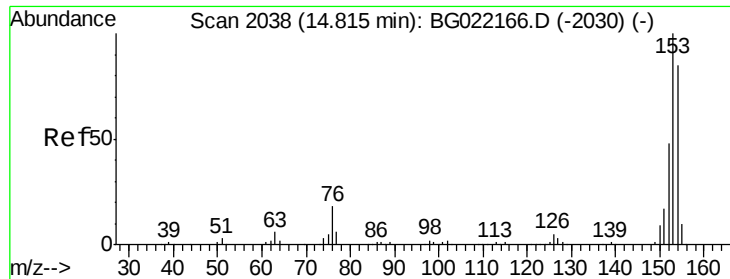
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#50
2,6-Dinitrotoluene
Concen: 53.08 ng
RT: 14.32 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	35.7	48.2	72.4#
89	43.9	45.3	67.9#





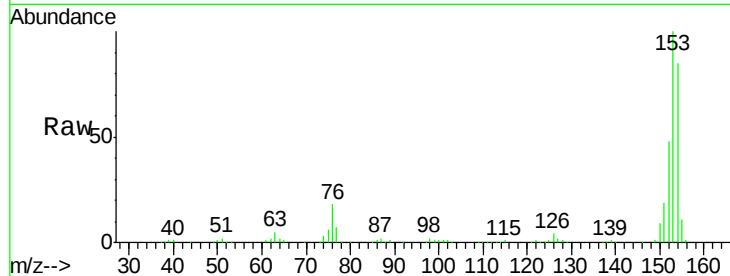
#51
Acenaphthene
Concen: 50.19 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

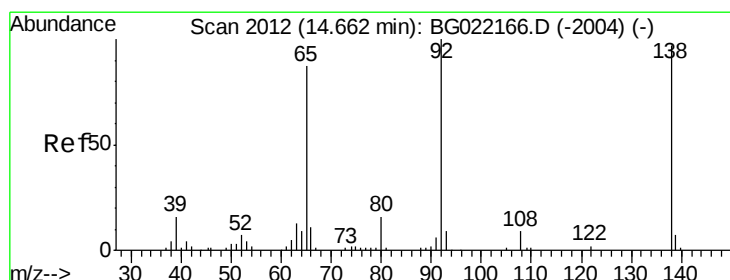
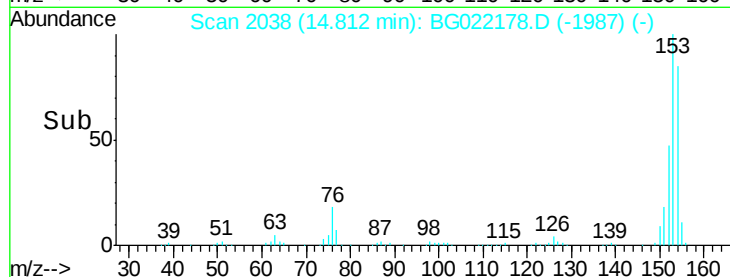
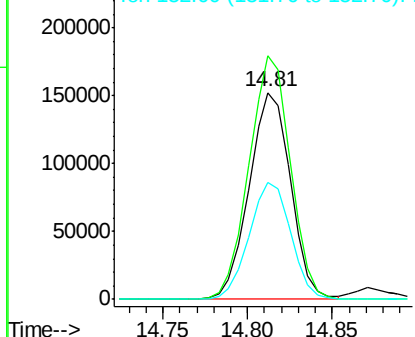
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	260607		
153	117.7	91.9	137.9	
152	56.8	42.0	63.0	

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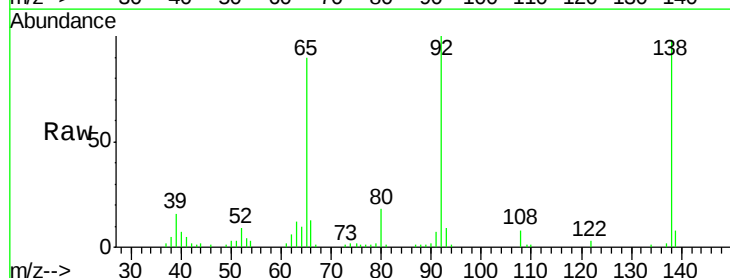


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

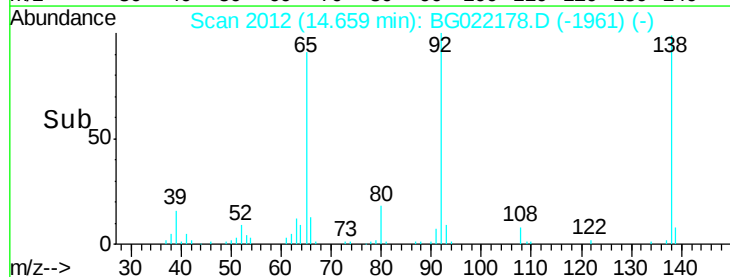
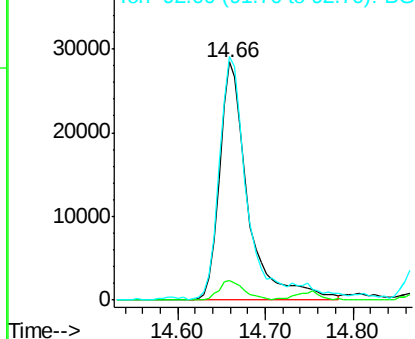


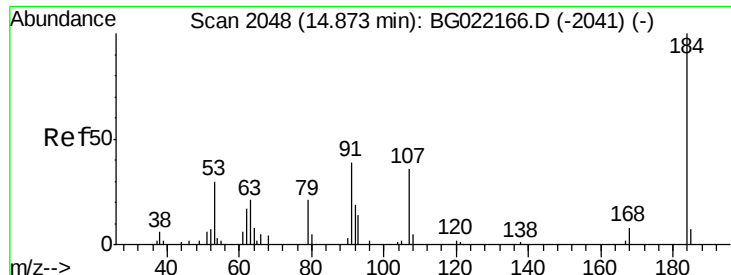
#52
3-Nitroaniline
Concen: 37.24 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	63755		
108	8.1	9.1	13.7#	
92	102.2	102.6	154.0#	



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): BG





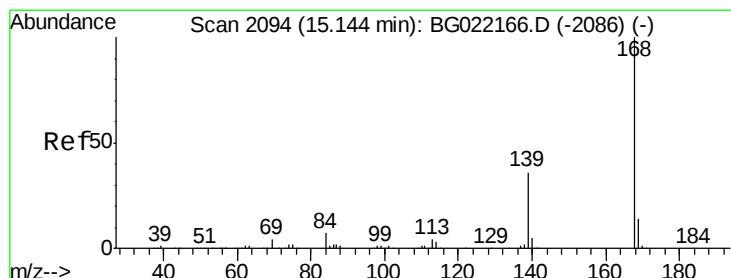
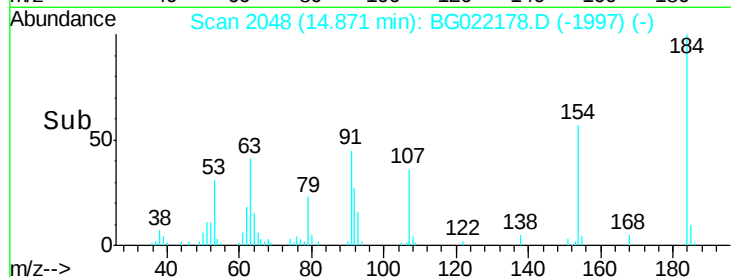
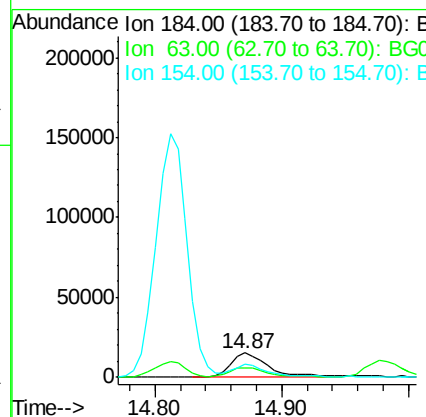
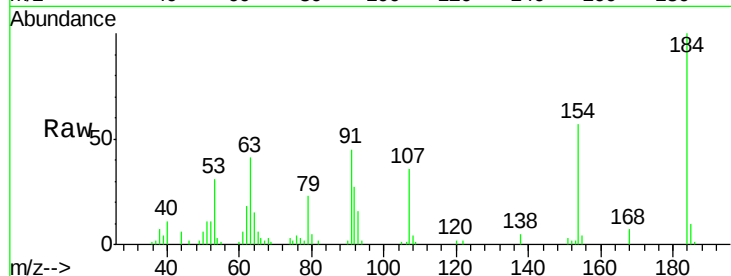
#53
 2,4-Dinitrophenol
 Concen: 54.50 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	31806		
63	41.0	57.3	85.9#	
154	56.8	55.2	82.8	

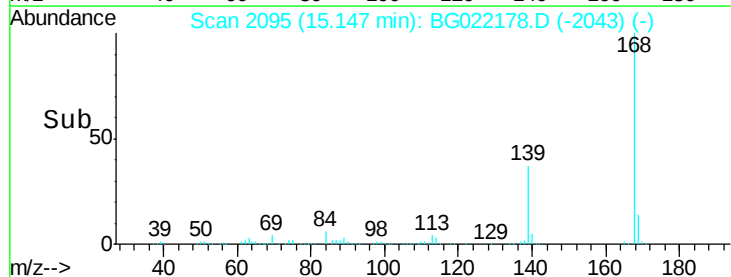
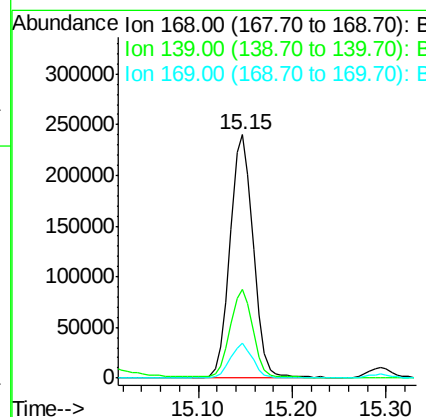
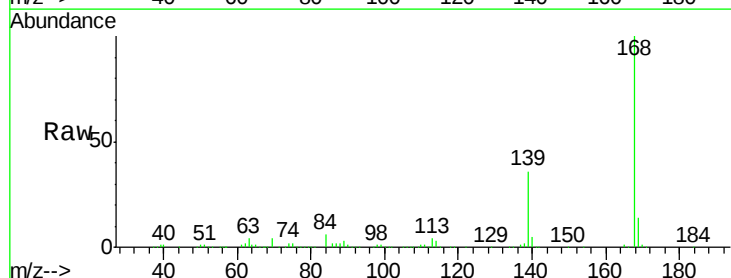
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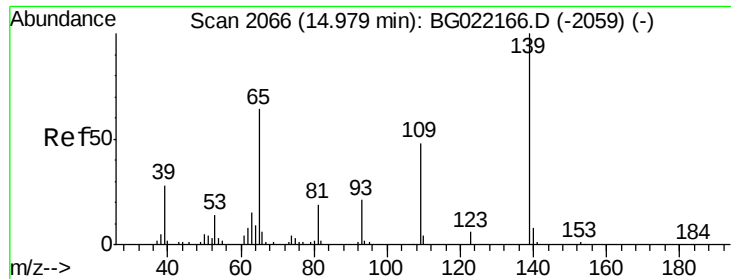
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#54
 Dibenzofuran
 Concen: 50.90 ng
 RT: 15.15 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	412495		
139	36.5	31.1	46.7	
169	14.1	11.0	16.6	





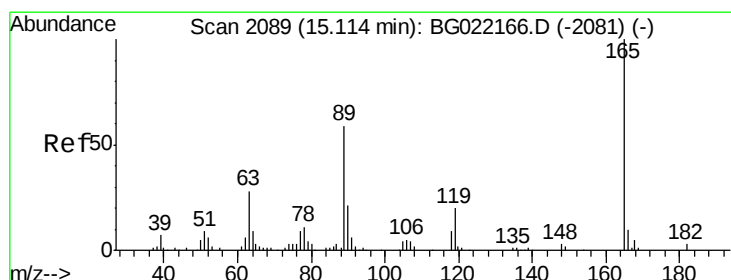
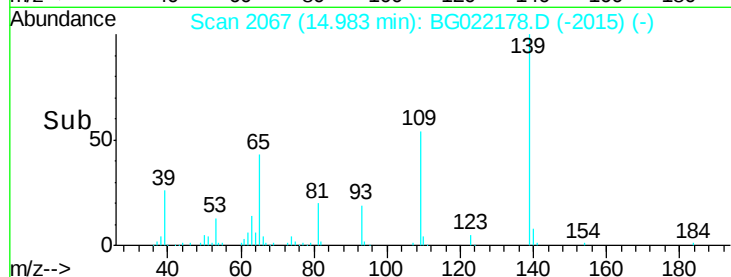
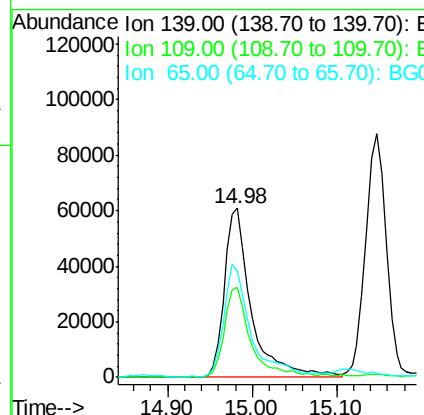
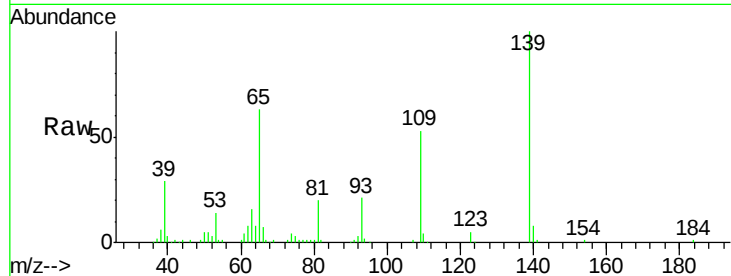
#55
4-Nitrophenol
Concen: 114.36 ng
RT: 14.98 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135103		
109	53.0	49.2	89.2	
65	62.8	83.2	123.2	

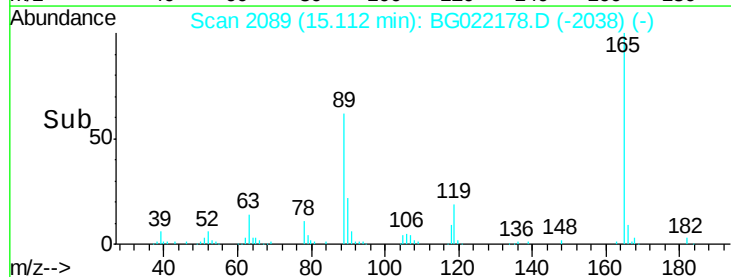
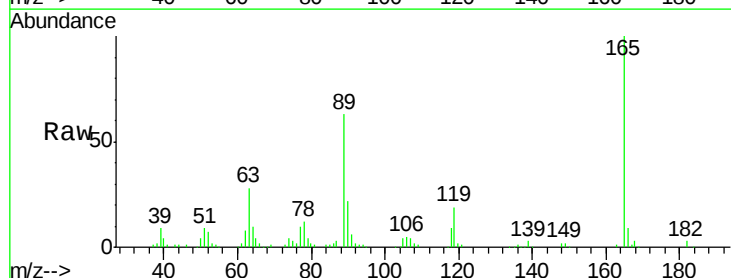
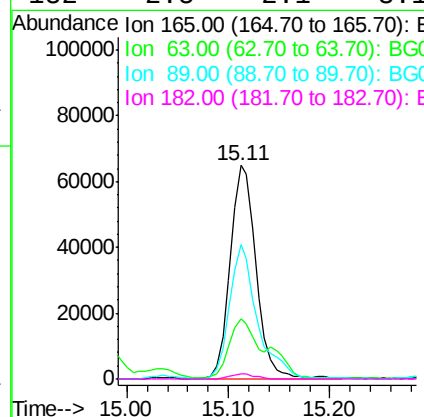
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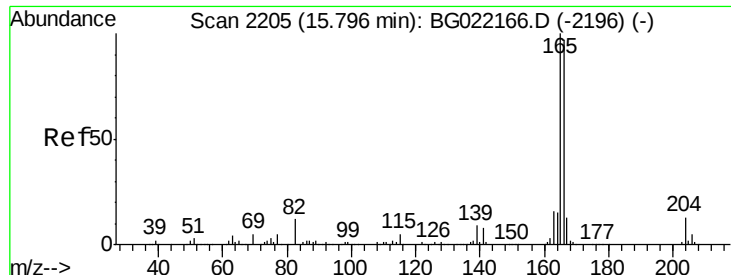
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#56
2,4-Dinitrotoluene
Concen: 55.69 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	115296		
63	28.5	37.4	56.0	
89	63.2	59.4	89.0	
182	2.5	2.1	3.1	





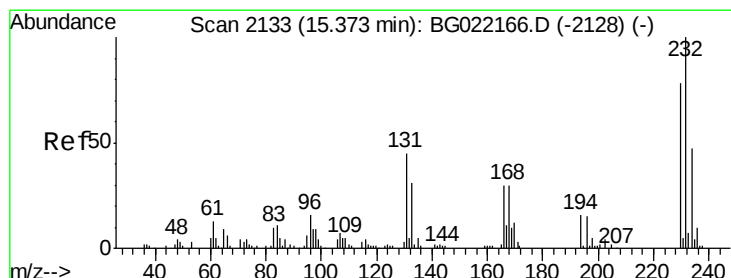
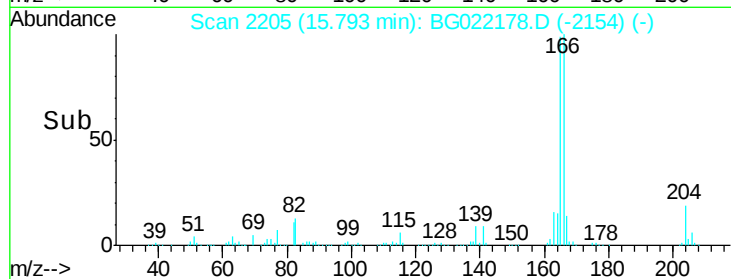
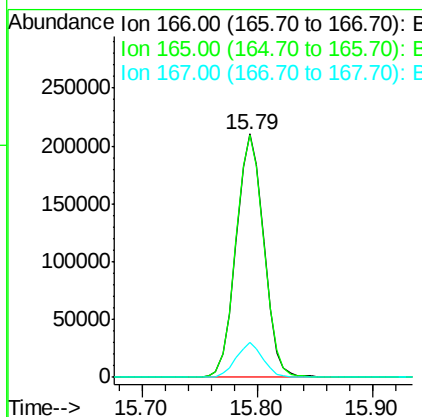
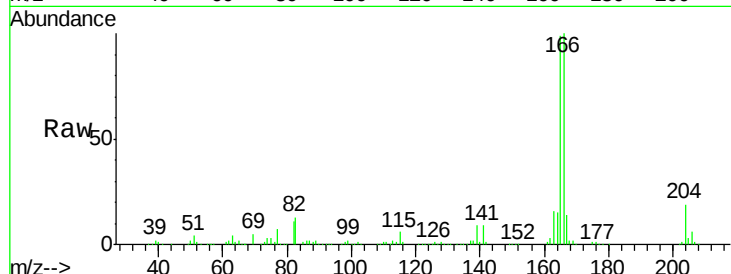
#57
 Fluorene
 Concen: 49.92 ng
 RT: 15.79 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	348480		
165	99.3	79.0	118.4	
167	14.1	10.7	16.1	

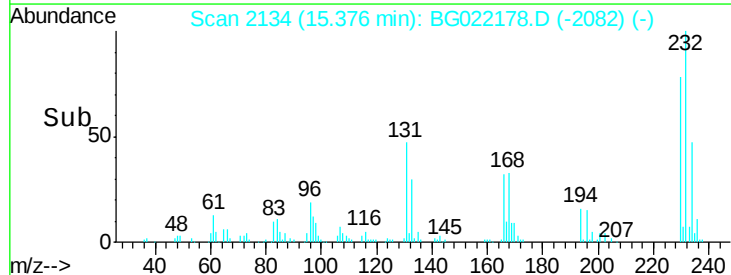
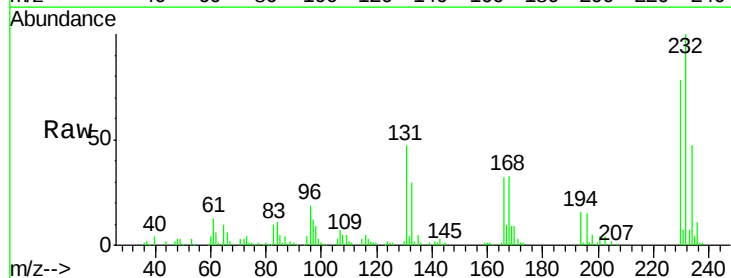
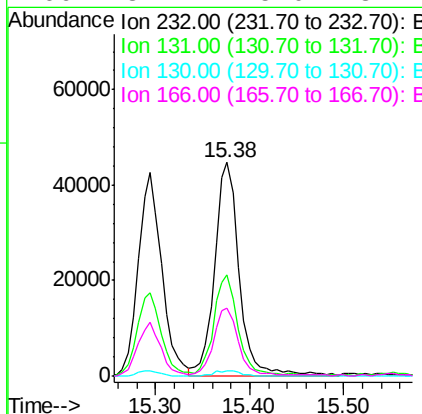
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.25 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	82421		
131	44.1	36.3	54.5	
130	2.5	1.9	2.9	
166	32.1	25.0	37.4	





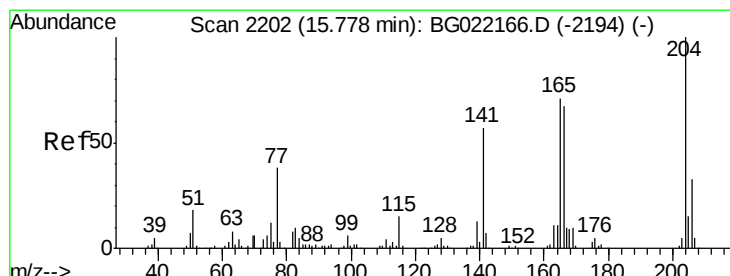
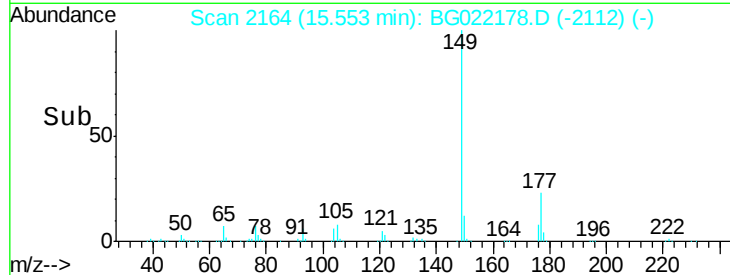
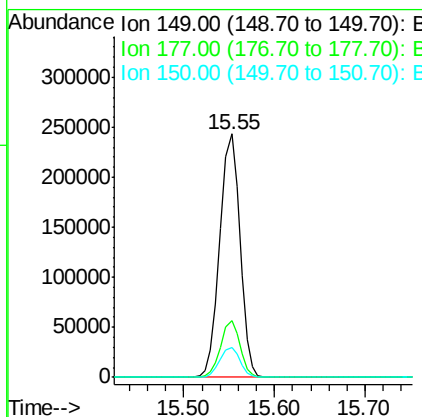
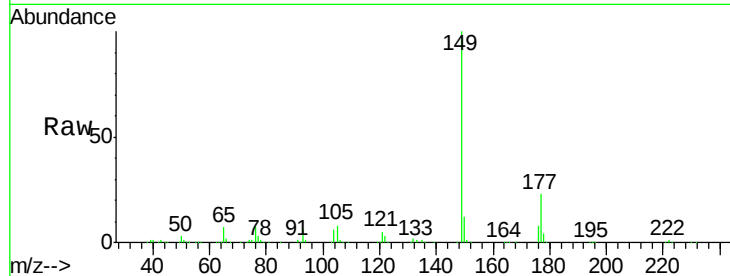
#59
Diethylphthalate
Concen: 49.70 ng
RT: 15.55 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	376913		
177	23.3	17.3	25.9	
150	12.5	9.7	14.5	

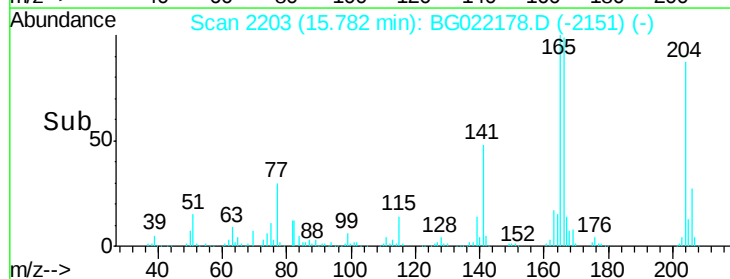
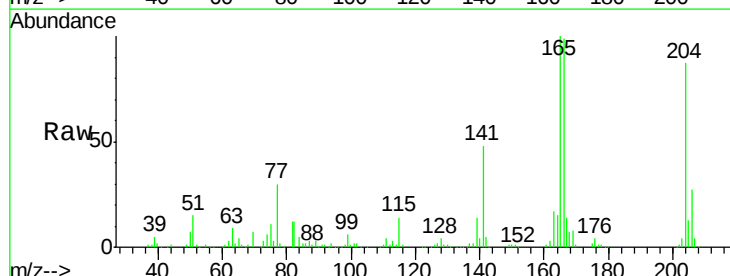
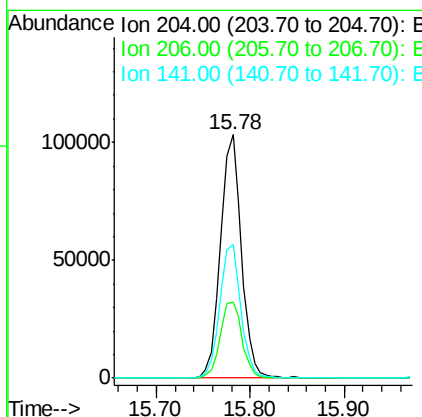
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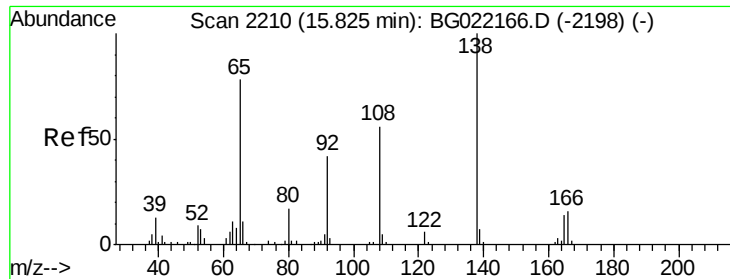
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#60
4-Chlorophenyl-phenylether
Concen: 50.88 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	160848		
206	31.2	27.8	41.8	
141	54.7	51.0	76.4	





#61

4-Nitroaniline

Concen: 50.08 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG022178.D

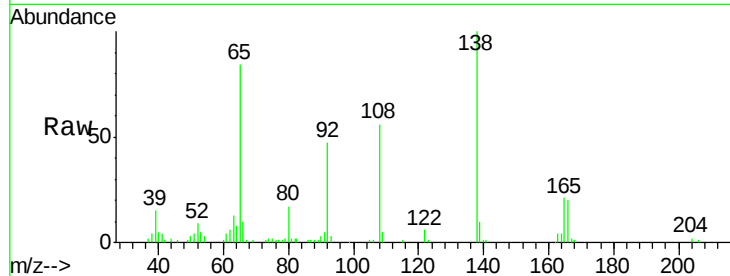
Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampled :

SB-15MSD



Tgt Ion: 138 Resp: 90925

Ion Ratio Lower Upper

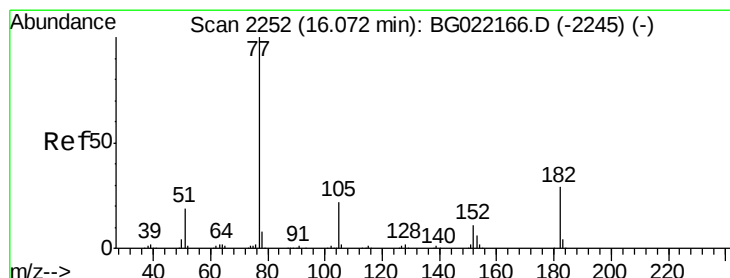
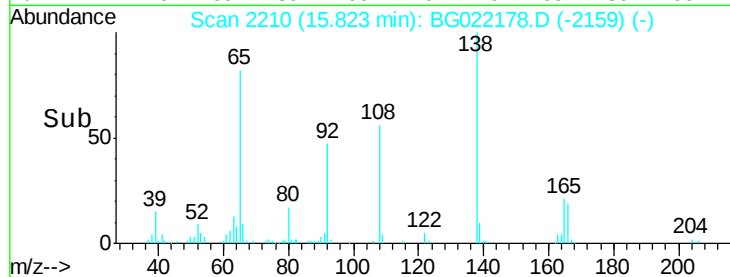
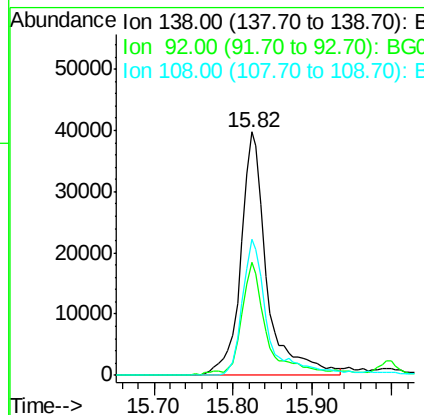
138 100

92 46.7 37.7 77.7

108 56.0 59.4 99.4#

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#62

Azobenzene

Concen: 50.55 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt Ion: 77 Resp: 290335

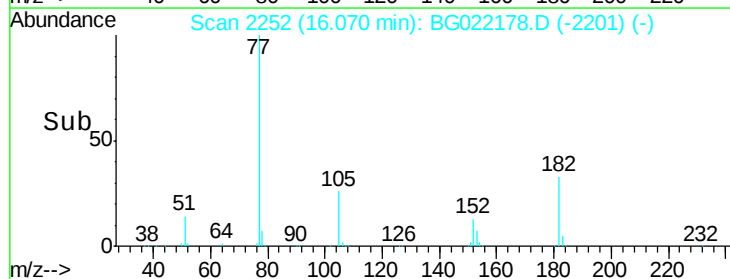
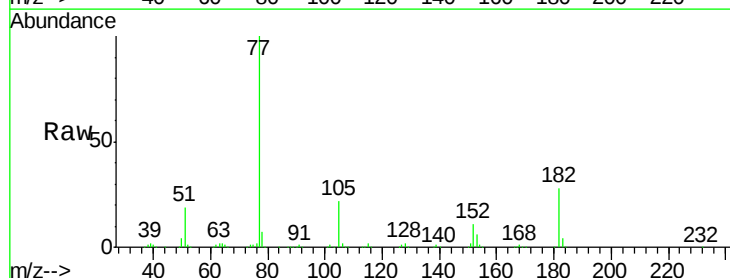
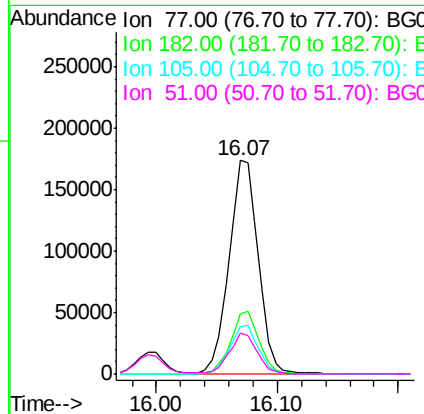
Ion Ratio Lower Upper

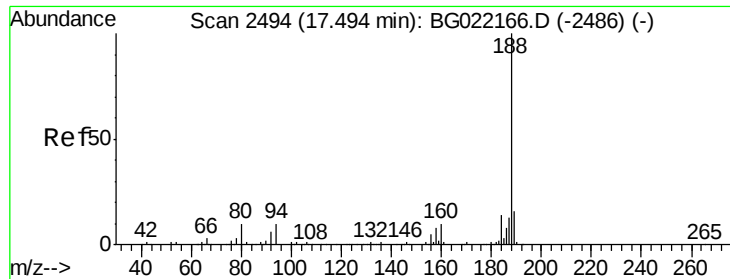
77 100

182 28.1 4.1 44.1

105 22.0 0.0 39.8

51 19.0 11.1 51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

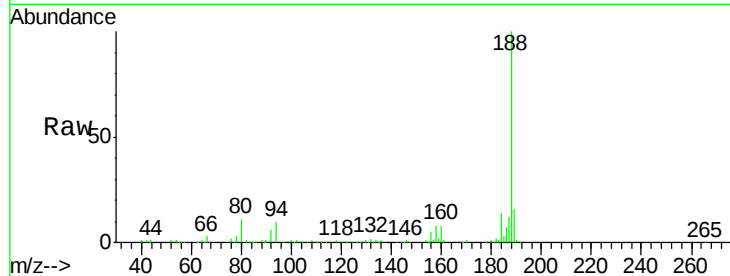
ClientSampleId :

SB-15MSD

Tgt Ion:	188	Resp:	196083
Ion Ratio		Lower	Upper
188	100		
94	10.2	7.5	11.3
80	11.0	8.6	13.0

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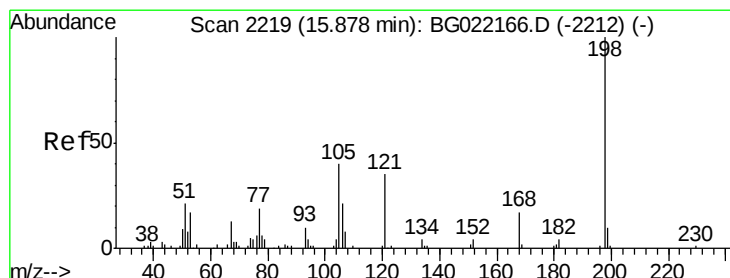
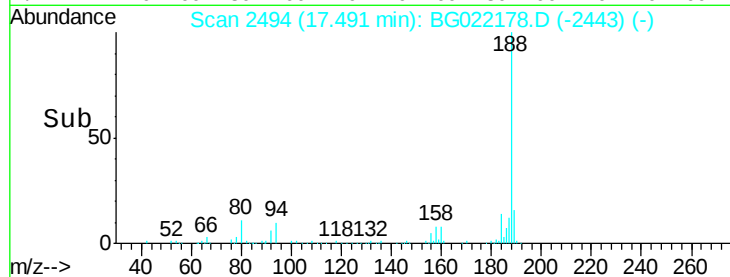
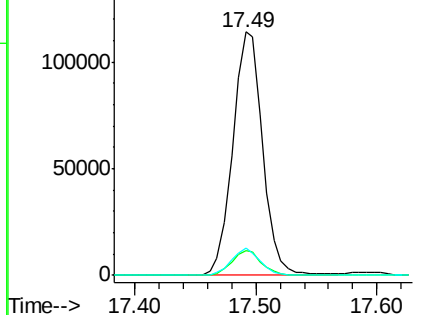
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 50.55 ng

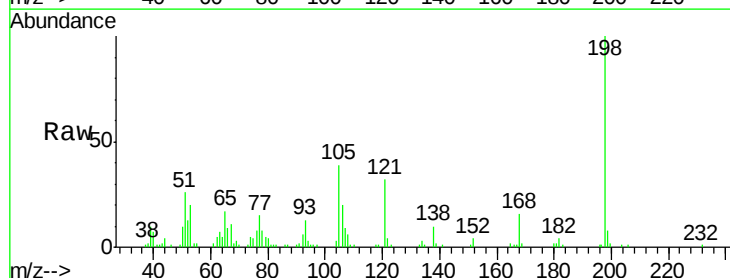
RT: 15.88 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

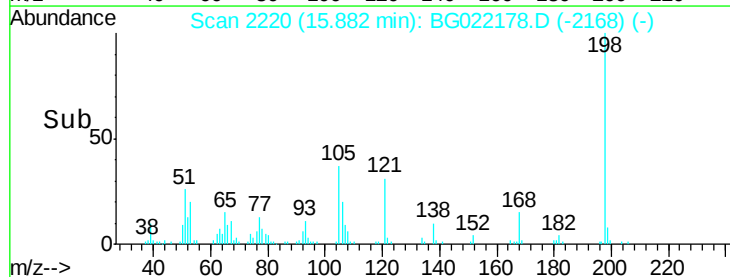
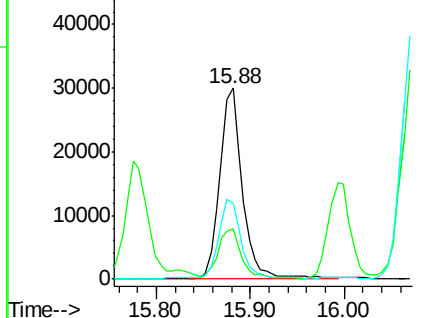
Tgt Ion:	198	Resp:	50584
Ion Ratio		Lower	Upper
198	100		
51	26.2	29.2	69.2#
105	39.5	24.0	64.0

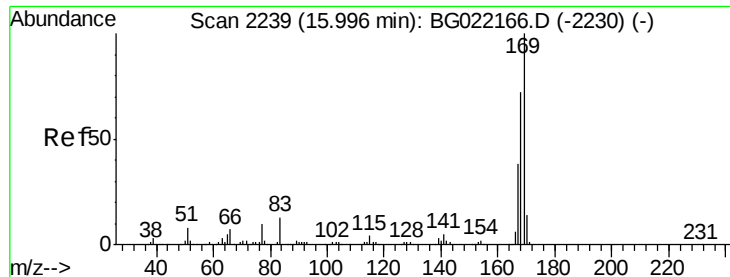


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





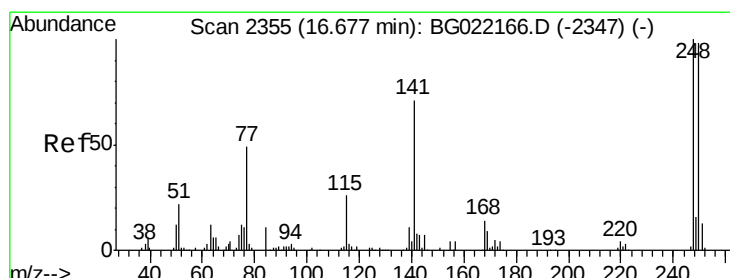
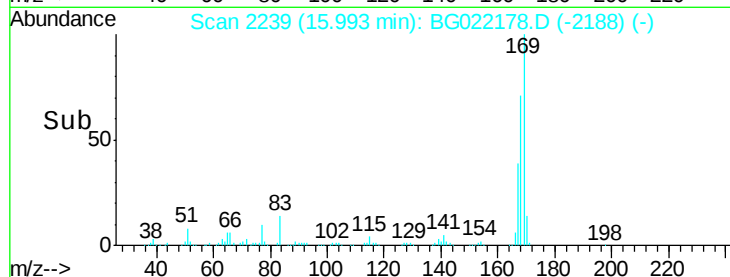
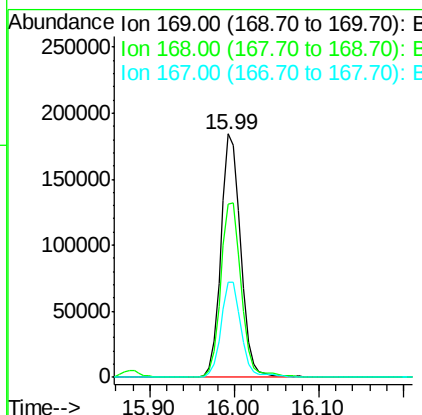
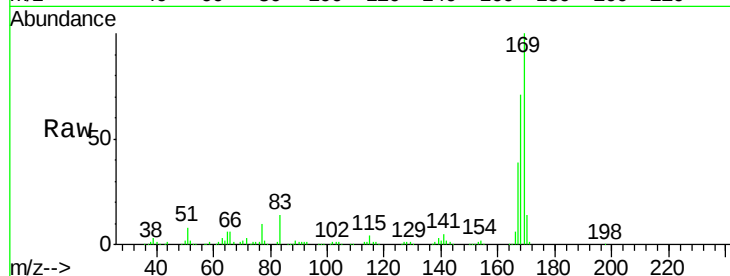
#65
n-Nitrosodiphenylamine
Concen: 53.08 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	71.4	59.6	89.4
167	39.1	31.2	46.8

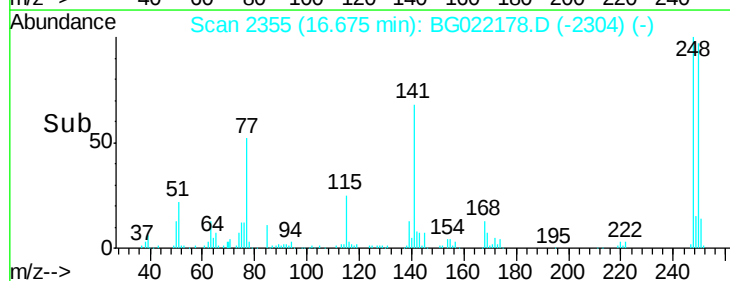
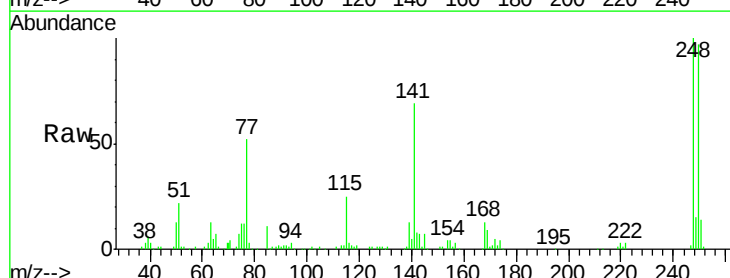
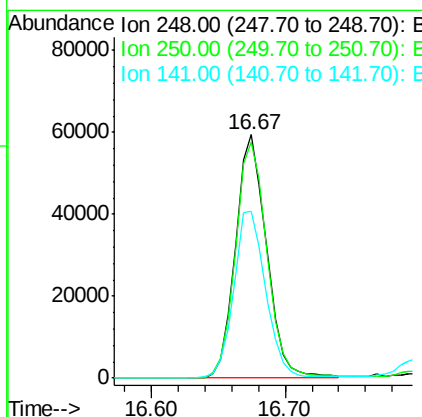
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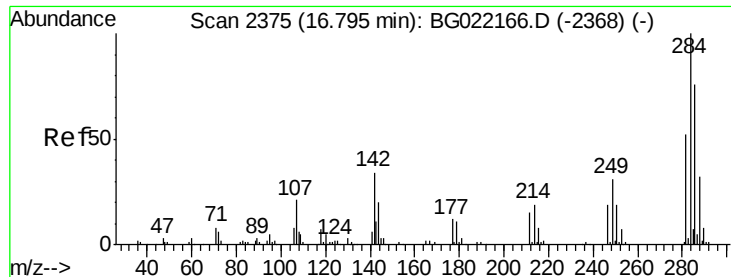
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#66
4-Bromophenyl-phenylether
Concen: 51.99 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.7	76.6	114.8
141	68.7	63.8	95.6





#67

Hexachlorobenzene

Concen: 49.93 ng

RT: 16.80 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG022178.D

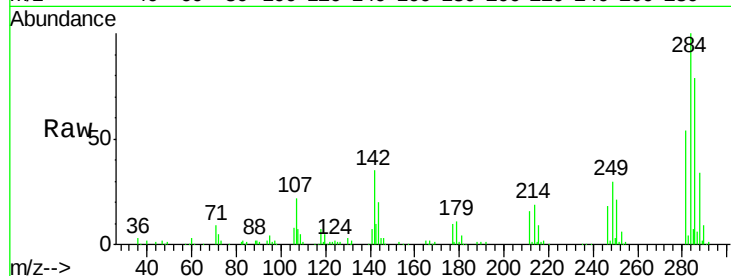
Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampleId :

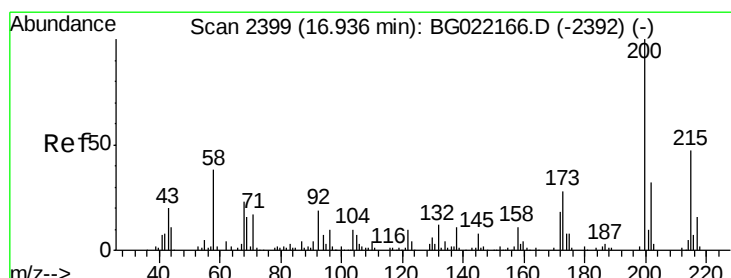
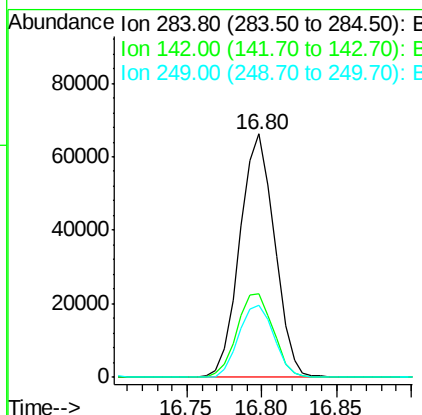
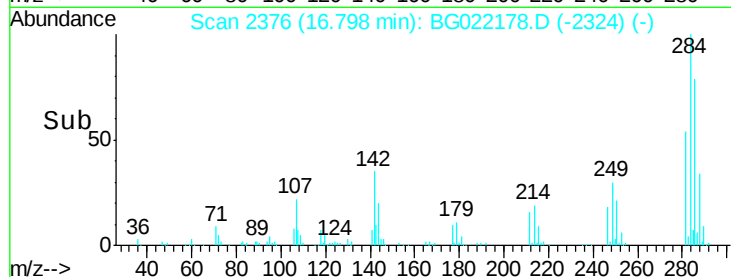
SB-15MSD



Tgt Ion:	284	Resp:	106919
Ion Ratio	Lower	Upper	
284	100		
142	34.6	31.8	47.6
249	32.3	27.3	40.9

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#68

Atrazine

Concen: 52.42 ng

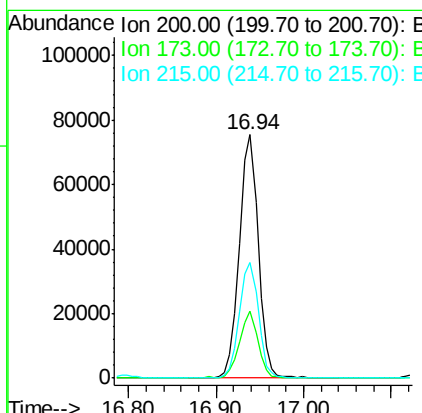
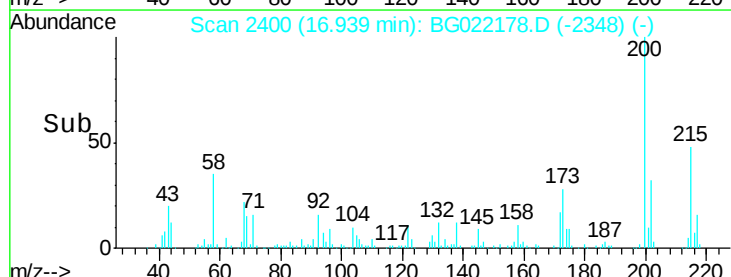
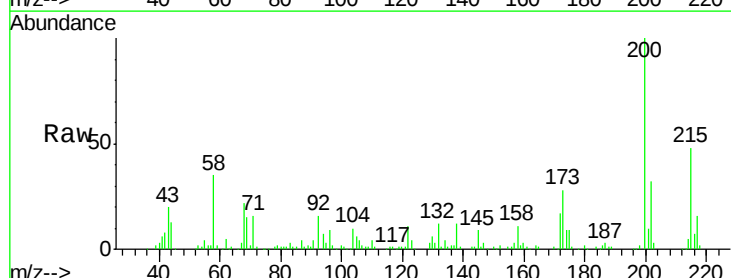
RT: 16.94 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt Ion:	200	Resp:	109597
Ion Ratio	Lower	Upper	
200	100		
173	27.7	5.1	45.1
215	47.7	28.0	68.0





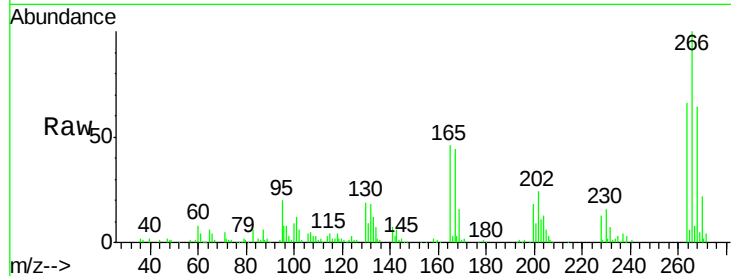
#69
 Pentachlorophenol
 Concen: 104.39 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

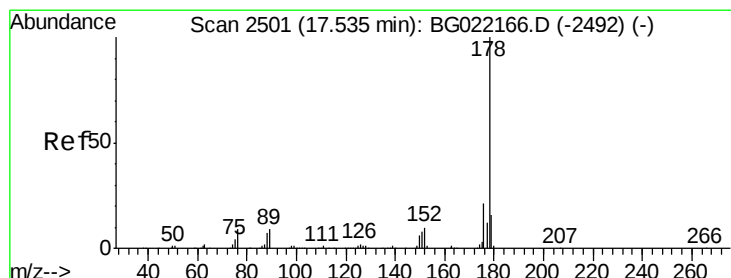
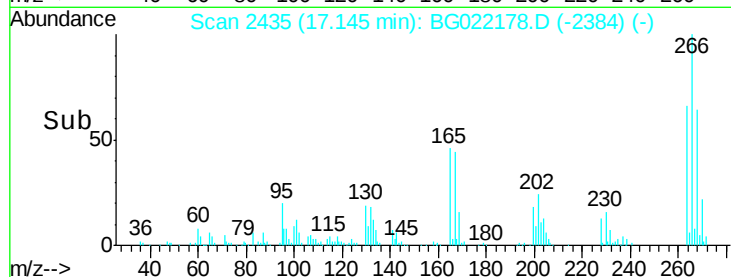
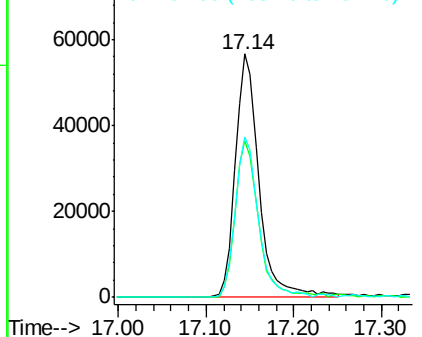
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	103530		
268	69.4	54.5	81.7	
264	71.9	53.8	80.6	

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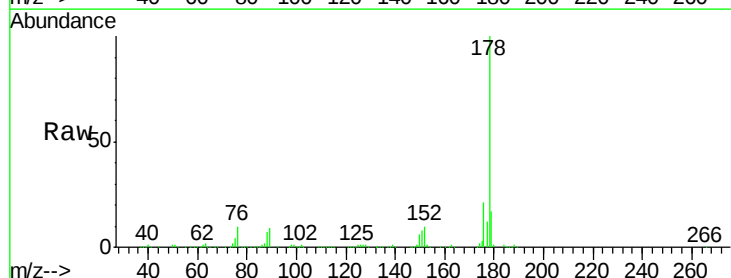


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

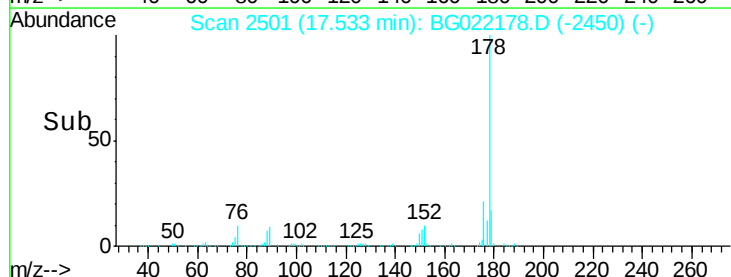
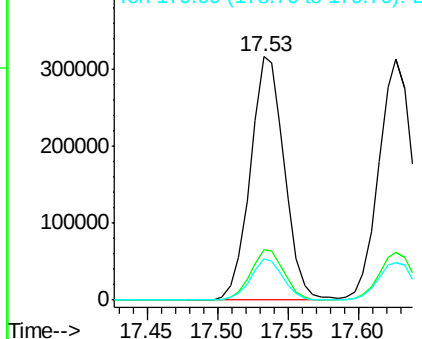


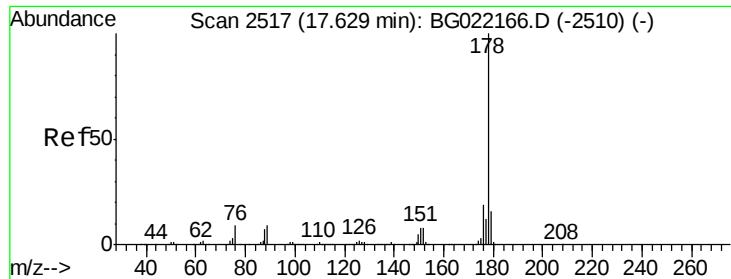
#70
 Phenanthrene
 Concen: 50.30 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	535693		
176	20.8	16.2	24.4	
179	16.8	12.0	18.0	



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





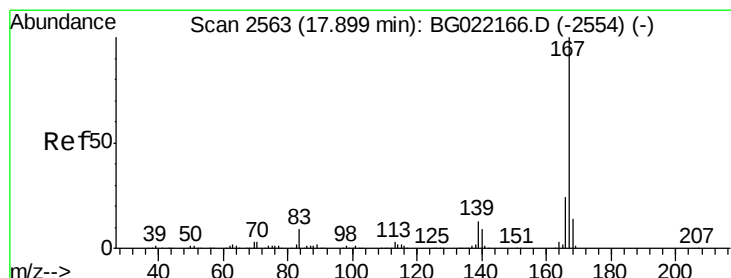
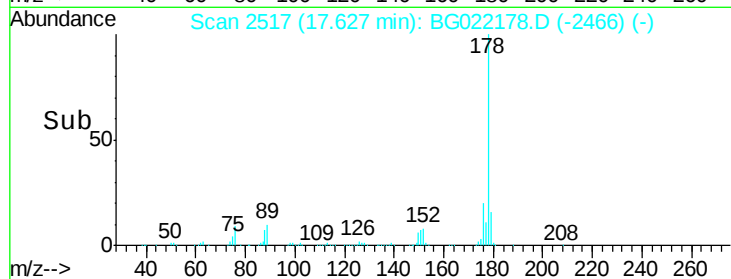
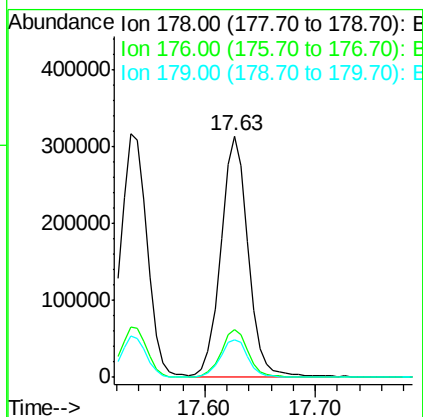
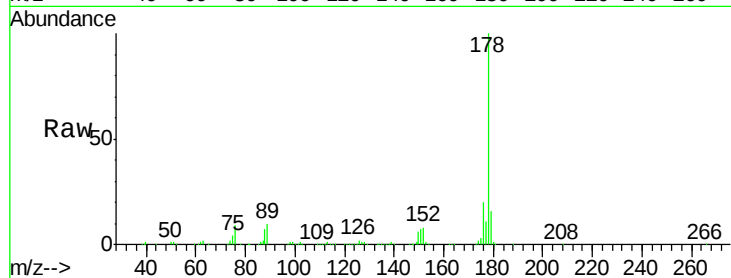
#71
 Anthracene
 Concen: 50.80 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	15.7	12.2	18.4

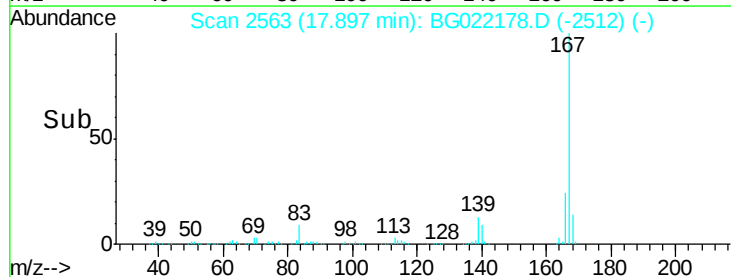
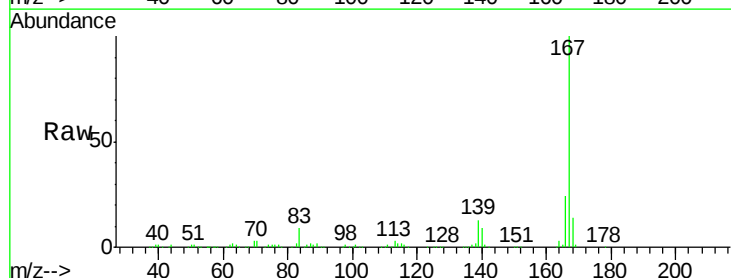
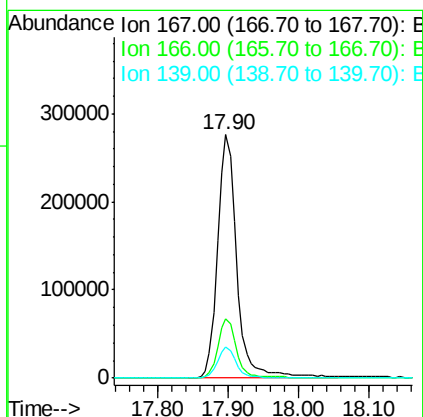
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#72
 Carbazole
 Concen: 52.46 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.6	27.8
139	13.0	10.6	15.8





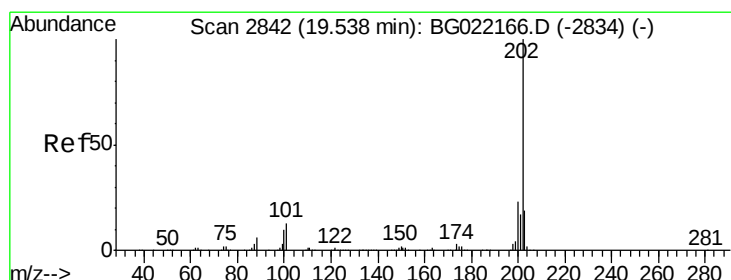
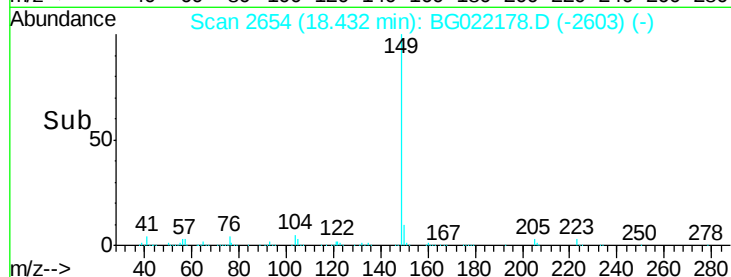
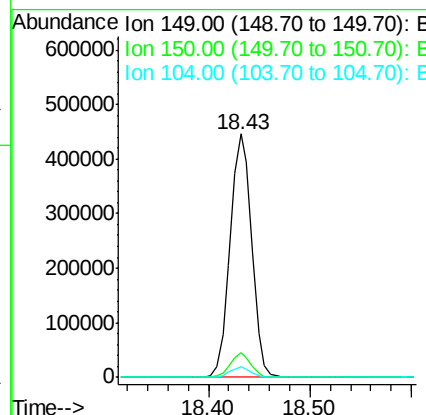
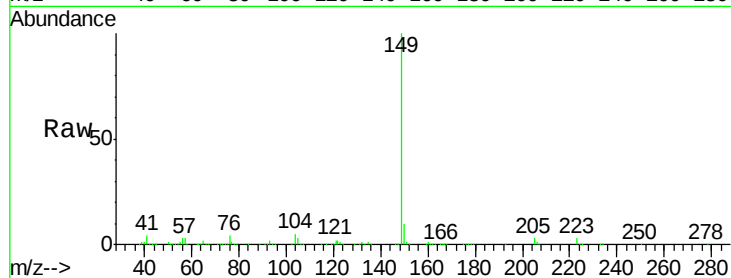
#73
Di-n-butylphthalate
Concen: 50.33 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	658163		
150	10.0	7.4	11.0	
104	4.5	4.0	6.0	

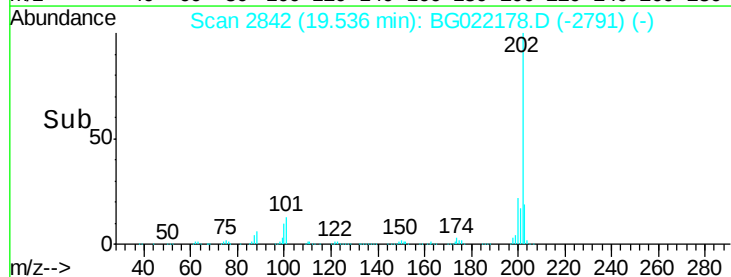
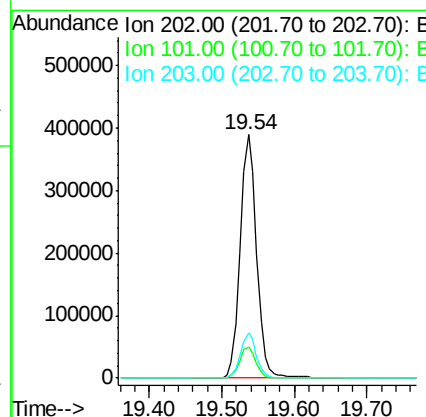
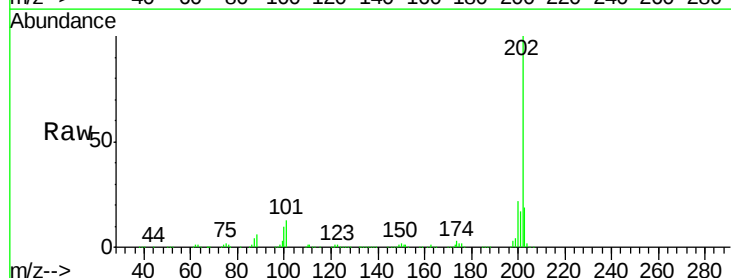
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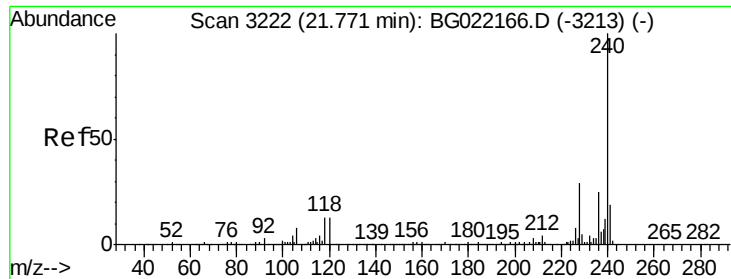
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#74
Fluoranthene
Concen: 50.32 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	616067		
101	13.0	0.0	31.0	
203	18.7	0.0	37.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

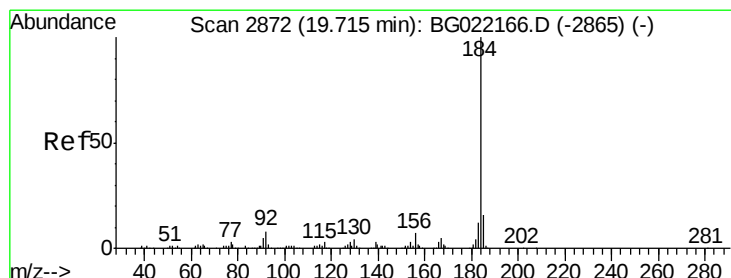
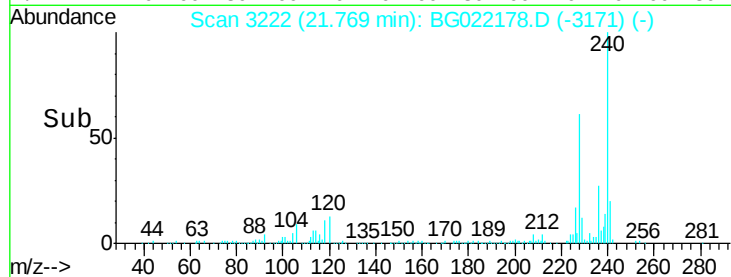
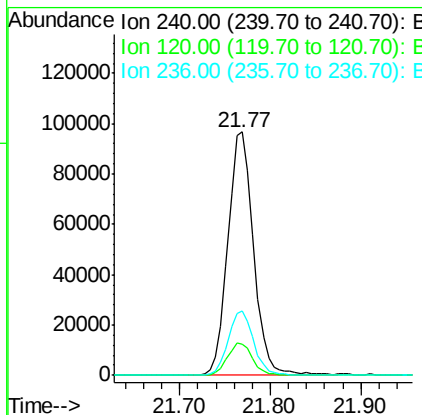
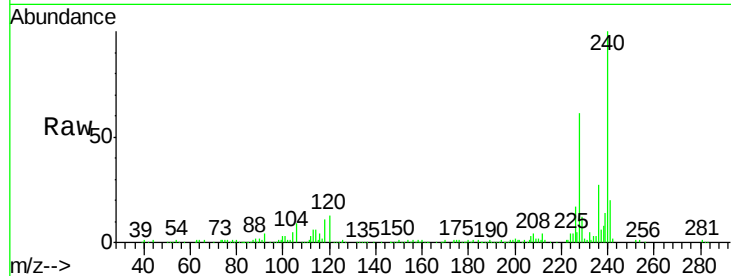
ClientSampleId :

SB-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.8	8.4	12.6#
236	26.5	19.6	29.4

Manual Integrations
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#76

Benzidine

Concen: 44.29 ng

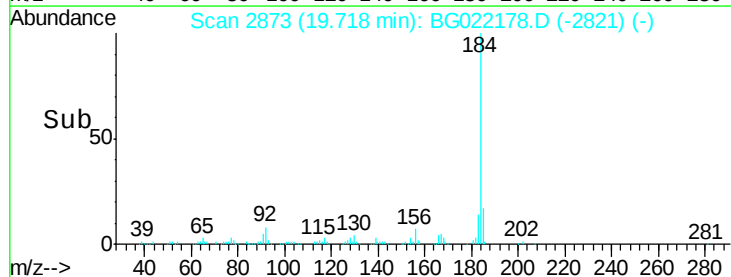
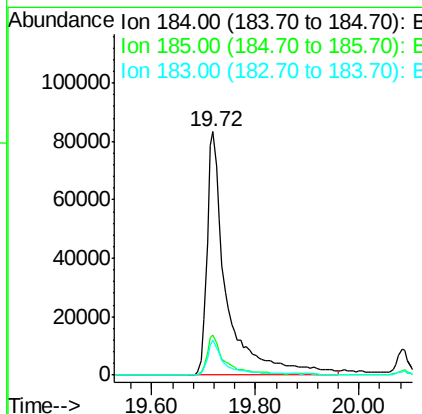
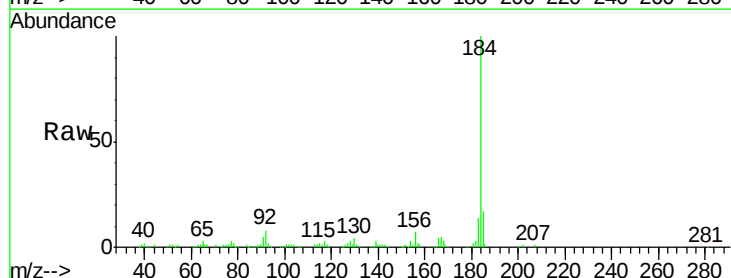
RT: 19.72 min Scan# 2873

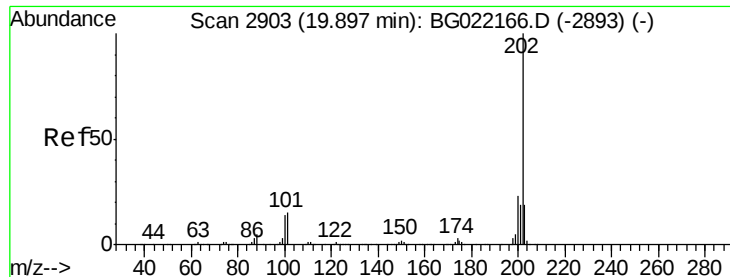
Delta R.T. 0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	16.7	11.5	17.3
183	14.2	10.2	15.4





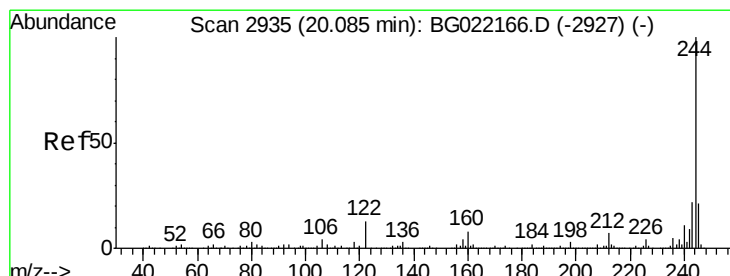
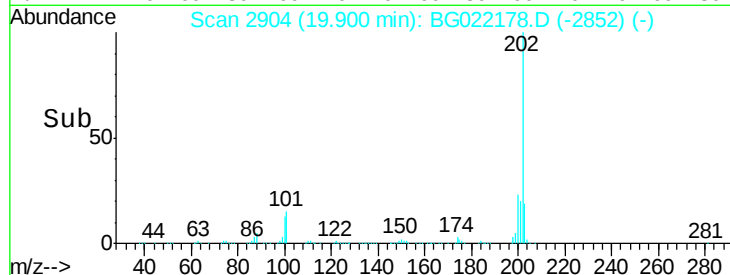
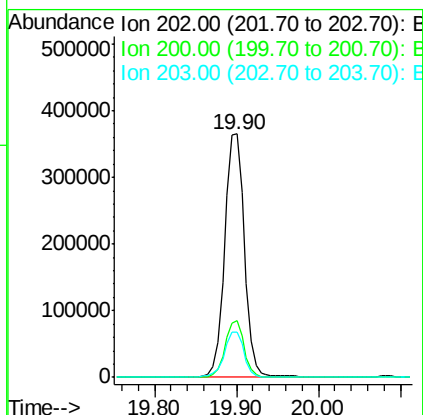
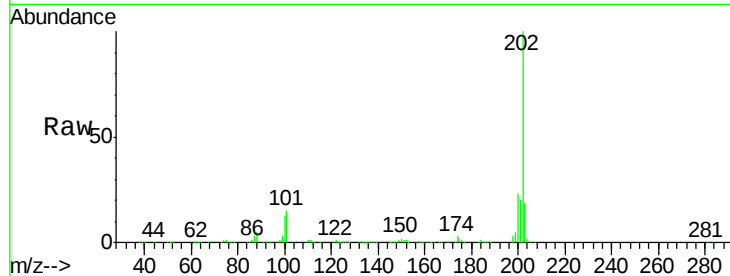
#77
Pyrene
Concen: 51.35 ng
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	611533		
200	23.4	18.2	27.2	
203	18.5	15.0	22.4	

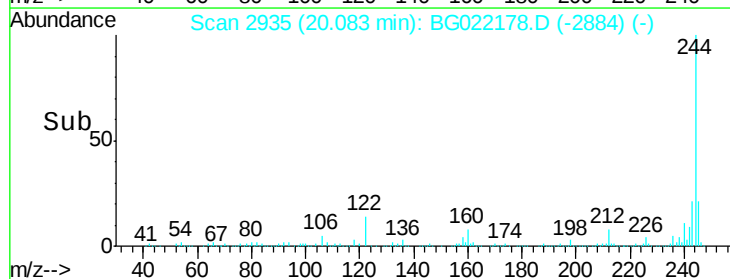
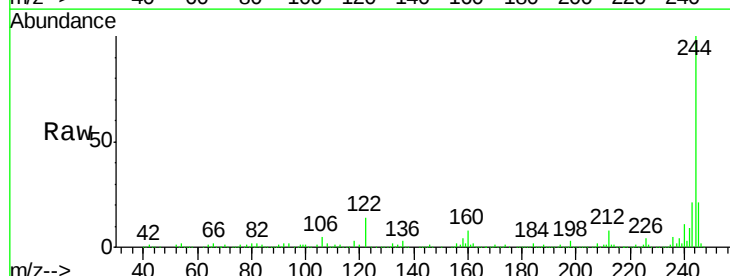
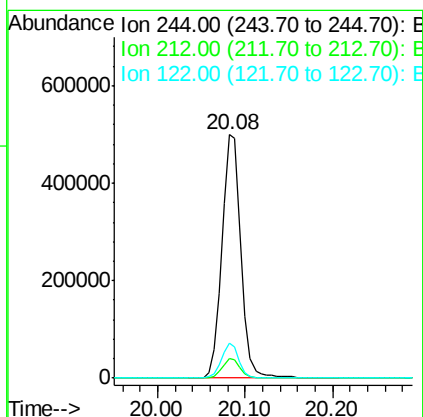
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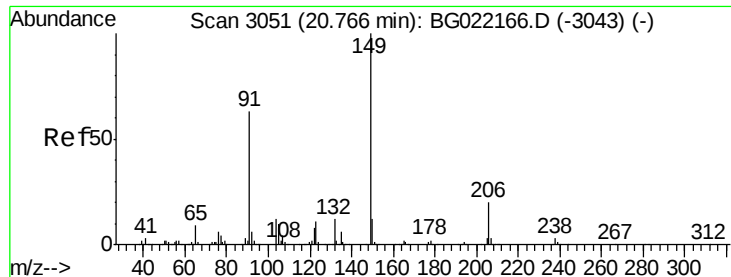
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#78
Terphenyl-d14
Concen: 93.29 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	752813		
212	7.8	6.5	9.7	
122	14.5	8.6	12.8#	





#79

Butylbenzylphthalate

Concen: 51.63 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BG022178.D

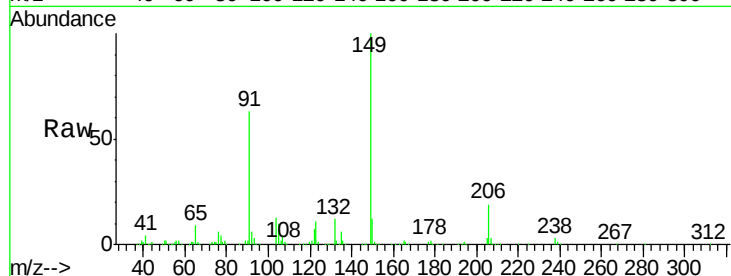
Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

ClientSampleId :

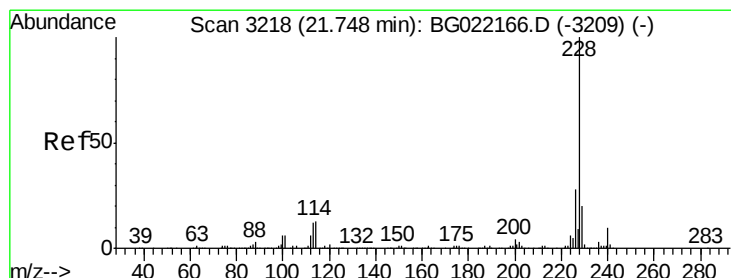
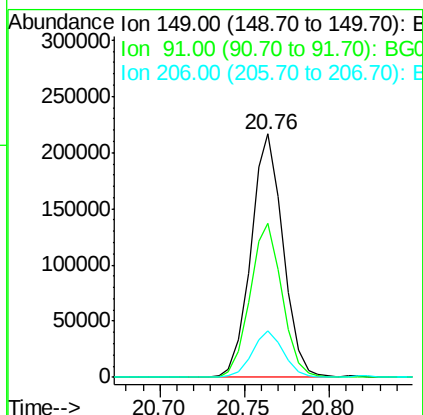
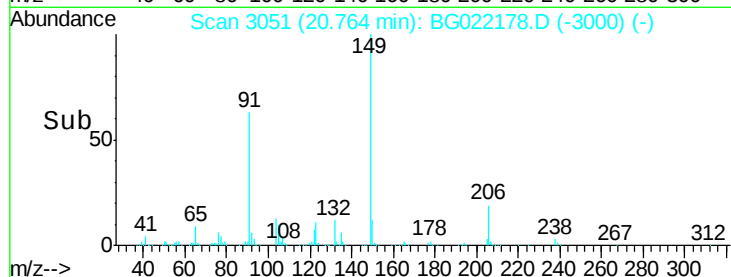
SB-15MSD



Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		285144		
91	63.4	57.8	86.8		
206	19.3	17.0	25.4		

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#80

Benzo(a)anthracene

Concen: 50.63 ng

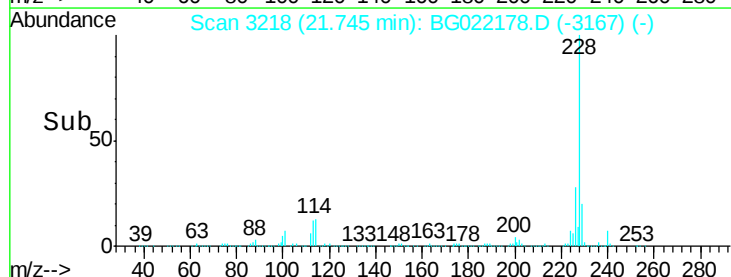
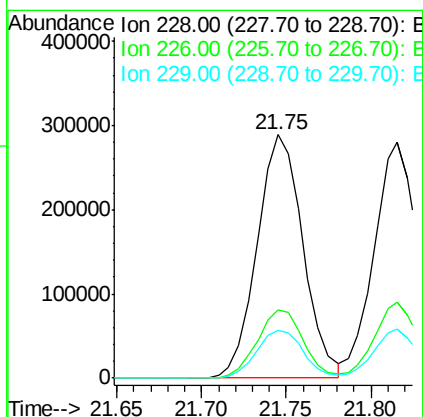
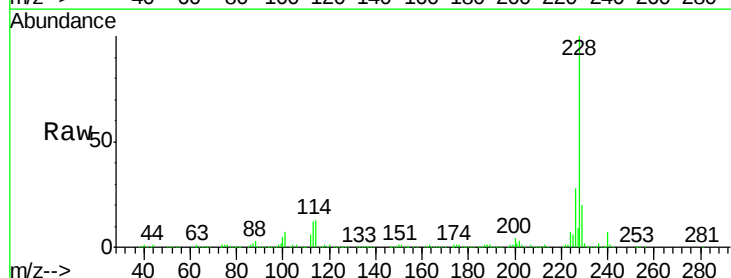
RT: 21.75 min Scan# 3218

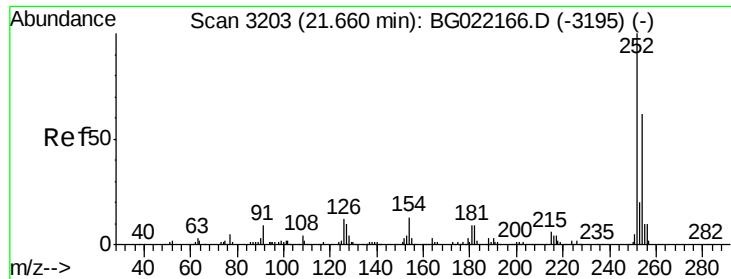
Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		543880		
226	28.1	22.6	34.0		
229	19.7	16.1	24.1		





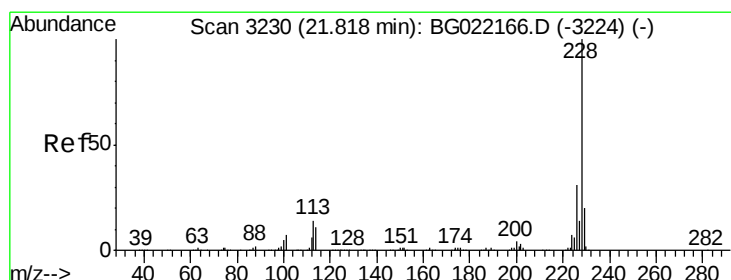
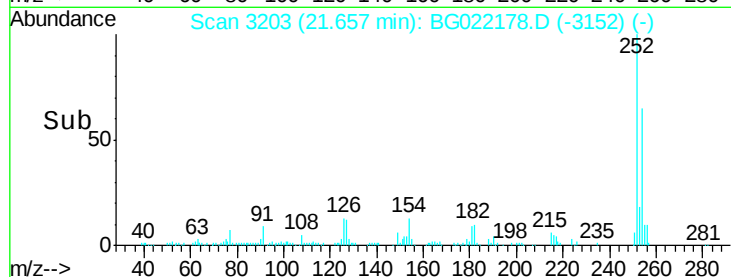
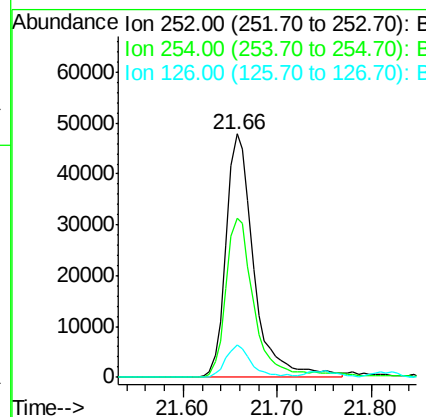
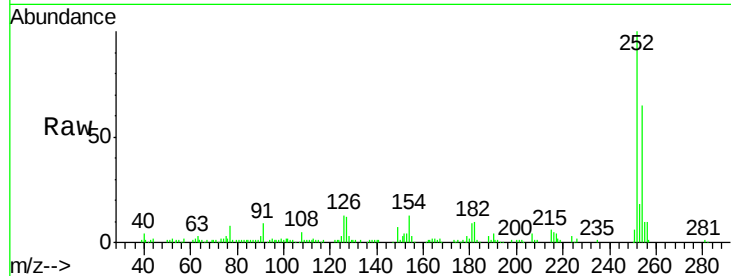
#81
 3,3'-Dichlorobenzidine
 Concen: 32.92 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.2	51.8	77.6
126	13.5	8.8	13.2

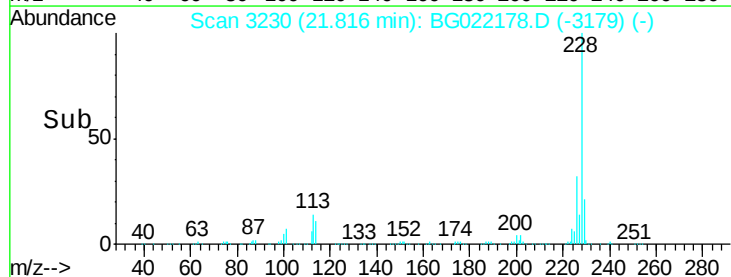
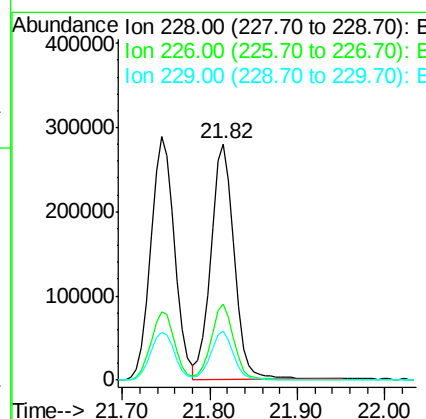
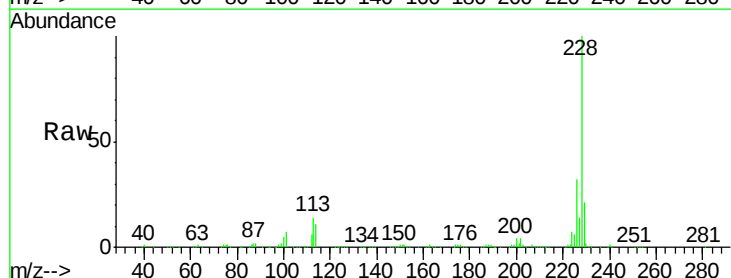
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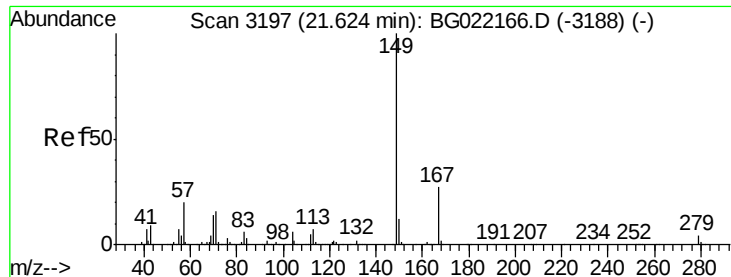
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#82
 Chrysene
 Concen: 49.71 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.4	25.4	38.0
229	20.6	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.15 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG022178.D

Acq: 6 Jun 2016 21:05

Instrument :

BNA_G

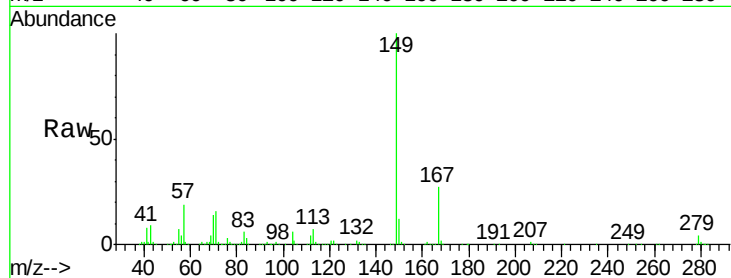
ClientSampleId :

SB-15MSD

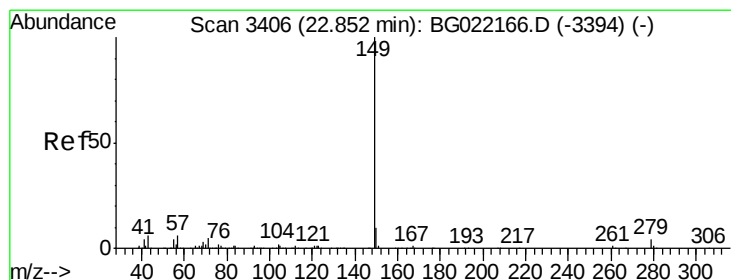
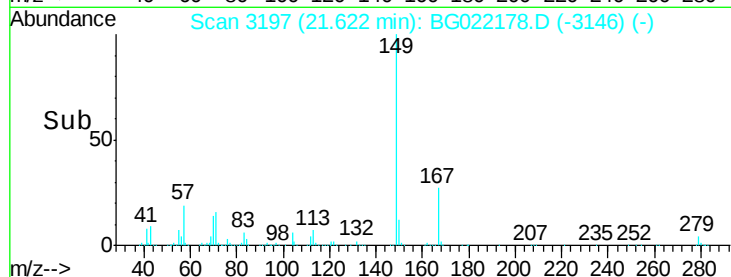
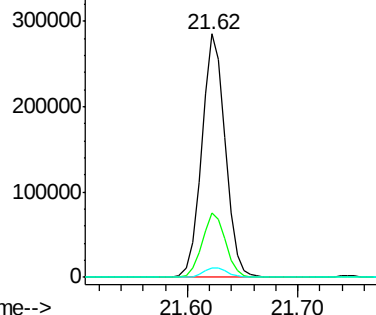
Tgt Ion:	149	Resp:	423571
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.4	33.6
279	3.8	3.2	4.8

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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: 52.99 ng

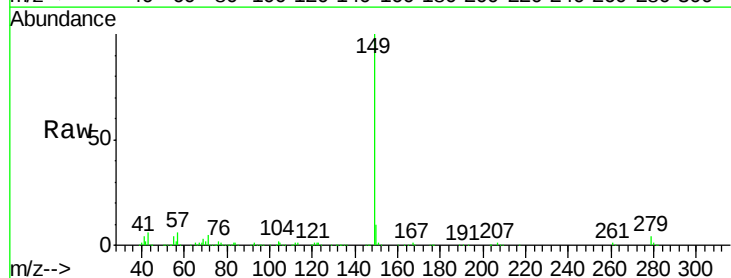
RT: 22.86 min Scan# 3407

Delta R.T. 0.00 min

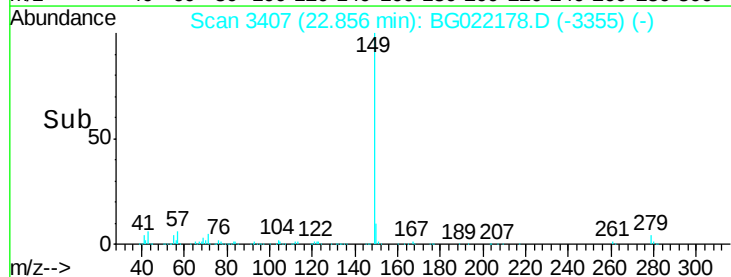
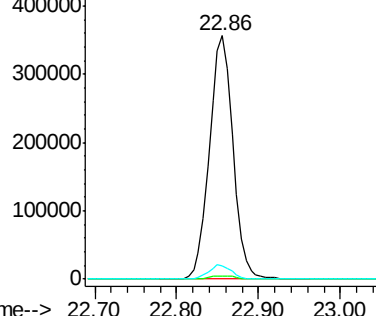
Lab File: BG022178.D

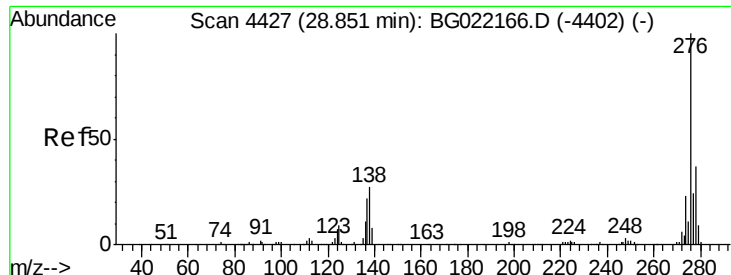
Acq: 6 Jun 2016 21:05

Tgt Ion:	149	Resp:	714577
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	5.8	9.8	14.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG





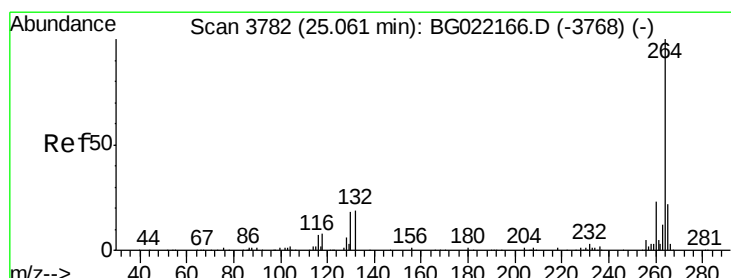
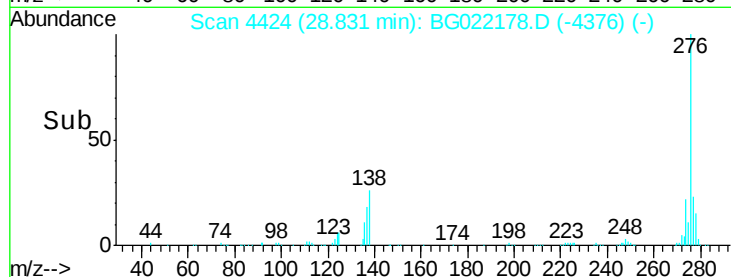
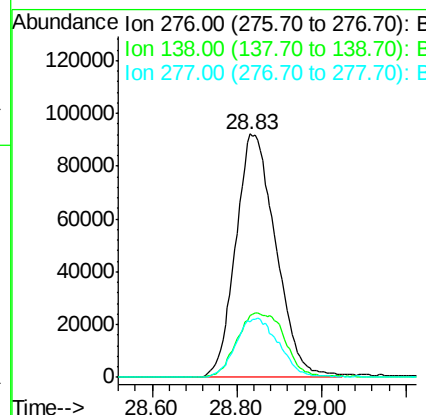
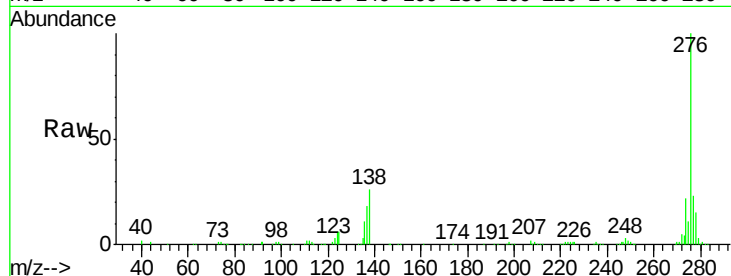
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.81 ng
 RT: 28.83 min Scan# 4424
 Delta R.T. -0.02 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	14.0	21.0#
277	25.8	20.6	30.8

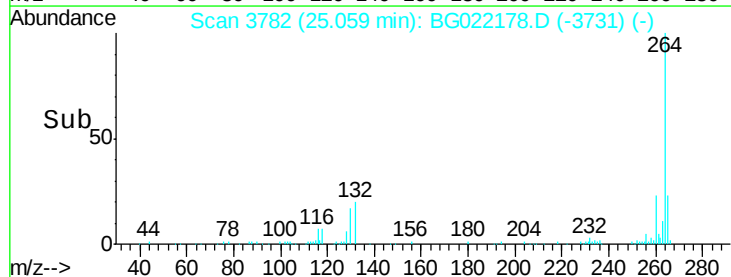
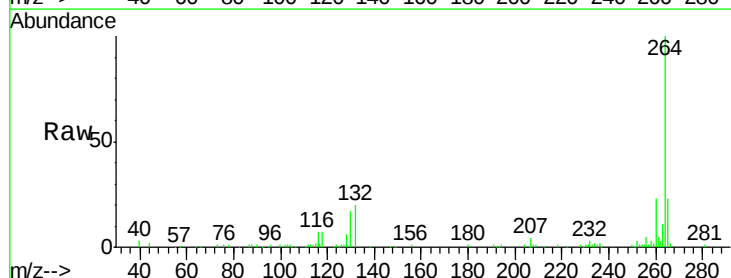
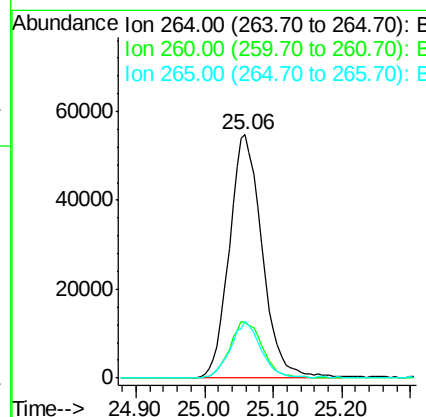
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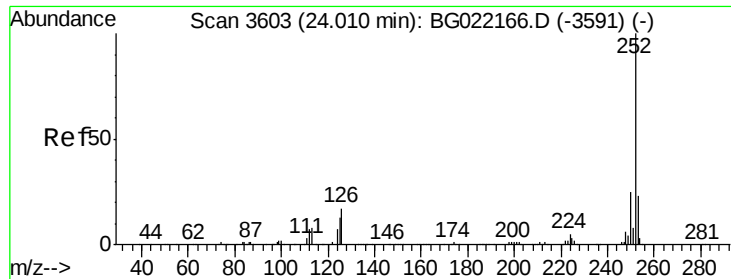
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.2	30.4
265	23.2	17.8	26.8





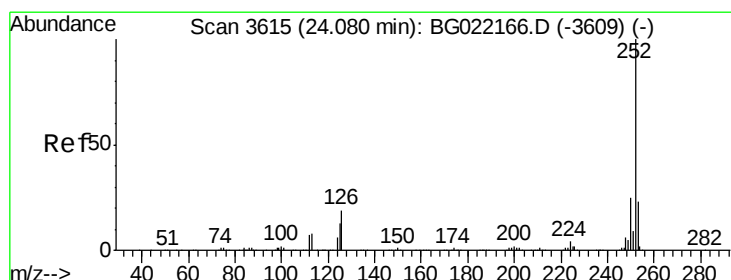
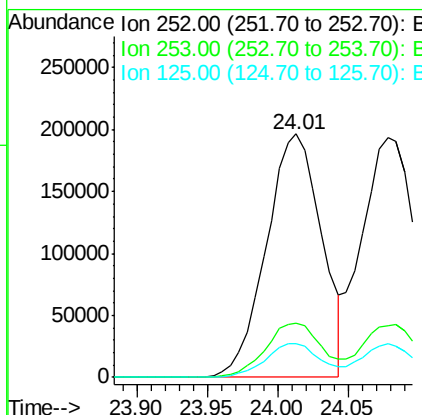
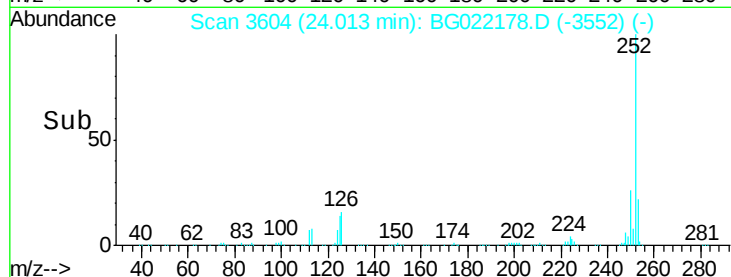
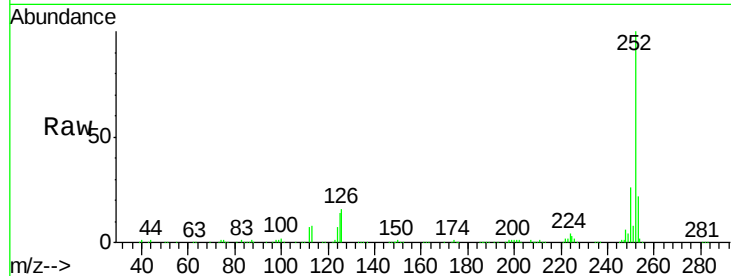
#87
Benzo(b)fluoranthene
Concen: 50.41 ng
RT: 24.01 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.5	26.3
125	13.9	8.6	13.0#

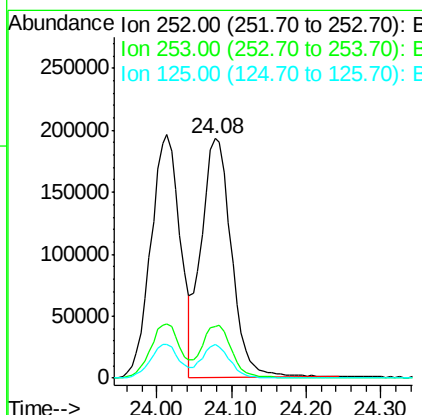
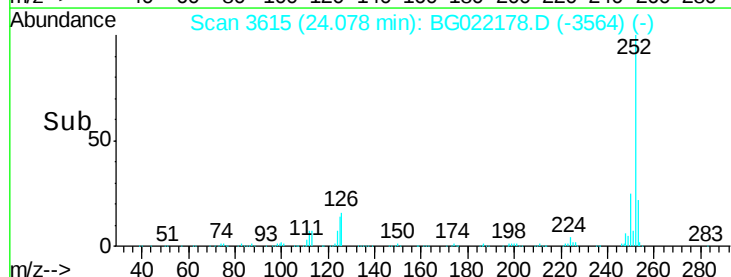
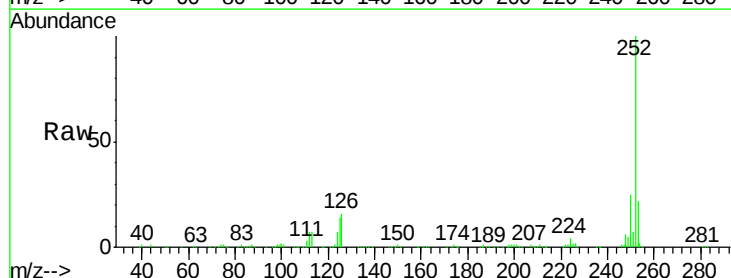
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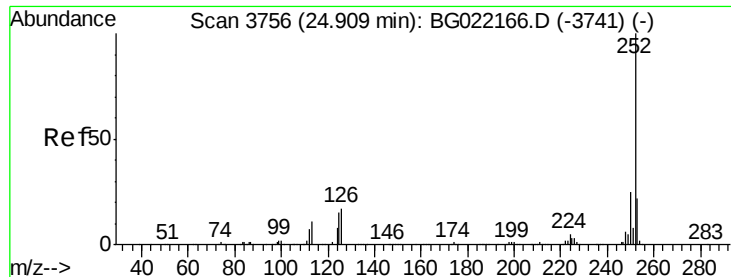
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#88
Benzo(k)fluoranthene
Concen: 51.81 ng
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.8	26.8
125	14.0	8.3	12.5#





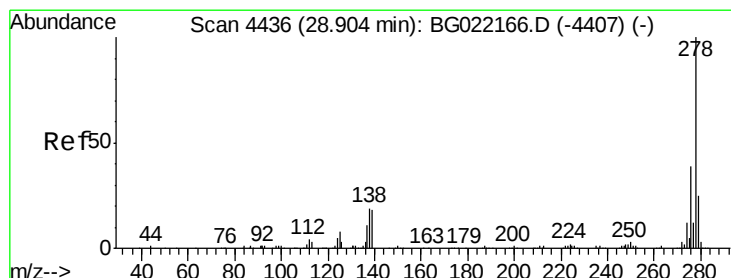
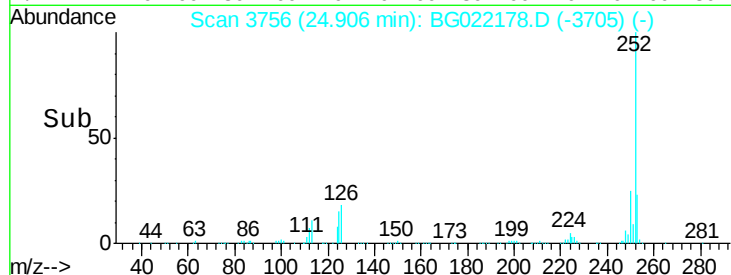
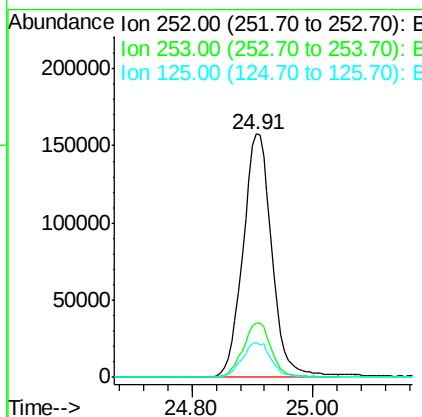
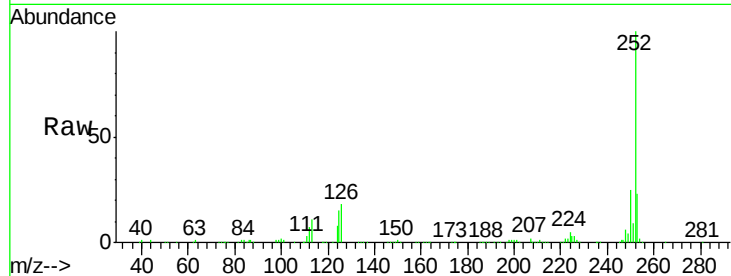
#89
Benzo(a)pyrene
Concen: 51.34 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.00 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Instrument :
BNA_G
ClientSampleId :
SB-15MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.6	9.6	14.4

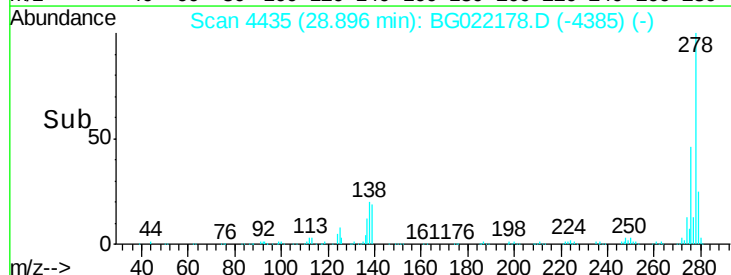
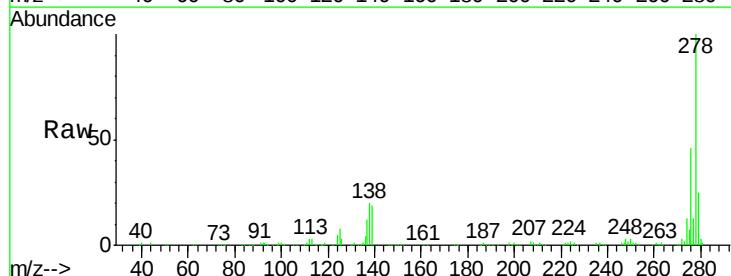
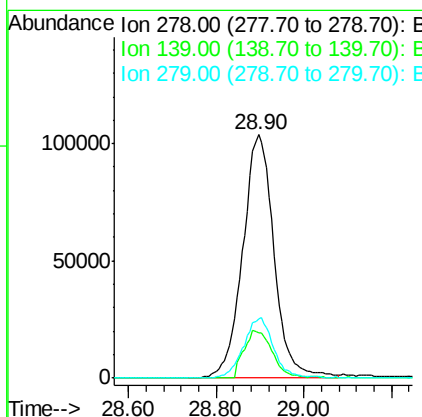
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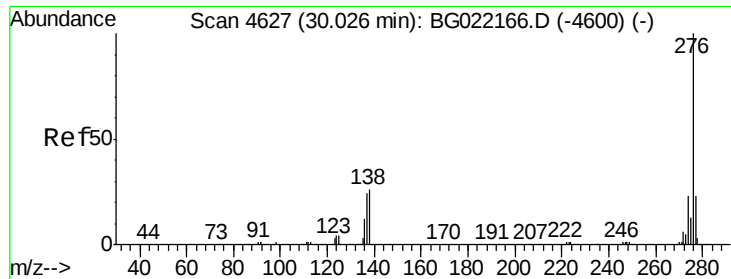
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#90
Dibenzo(a,h)anthracene
Concen: 52.53 ng
RT: 28.90 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG022178.D
Acq: 6 Jun 2016 21:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	11.9	17.9
279	24.6	18.2	27.2





#91
 Benzo(g,h,i)perylene
 Concen: 50.88 ng
 RT: 30.02 min Scan# 4627
 Delta R.T. -0.00 min
 Lab File: BG022178.D
 Acq: 6 Jun 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.4	29.2
138	26.3	17.4	26.0

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