

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017282.D
 Acq On : 26 May 2015 18:02
 Operator : TP/IZ
 Sample : G2383-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Manual Integrations
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 5/27/2015 2:58:02 PM

Quant Time: May 27 03:51:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25346	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	104463	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	70937	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	172449	20.00	ng	0.00
75) Chrysene-d12	21.26	240	195949	20.00	ng	0.00
86) Perylene-d12	23.50	264	186266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	142387	99.67	ng	0.00
7) Phenol-d6	6.87	99	194082	96.81	ng	0.00
23) Nitrobenzene-d5	8.82	82	127199	56.85	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	96138	112.11	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	262582	54.32	ng	0.00
78) Terphenyl-d14	19.70	244	537188	57.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	14706	26.09	ng	96
3) Pyridine	3.52	79	20288	11.90	ng	97
4) n-Nitrosodimethylamine	3.44	42	32660	25.23	ng	# 86
6) Aniline	7.00	93	59262	21.37	ng	95
8) 2-Chlorophenol	7.24	128	53007	31.02	ng	94
9) Benzaldehyde	6.80	77	8308	4.85	ng	89
10) Phenol	6.90	94	70431	33.13	ng	96
11) bis(2-Chloroethyl)ether	7.10	93	47130	29.56	ng	96
12) 1,3-Dichlorobenzene	7.55	146	50991	26.72	ng	97
13) 1,4-Dichlorobenzene	7.70	146	53824	27.94	ng	92
14) 1,2-Dichlorobenzene	8.01	146	50378	27.38	ng	98
15) Benzyl Alcohol	7.91	79	56822	29.17	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.21	45	76622	29.64	ng	98
17) 2-Methylphenol	8.14	107	46234	29.99	ng	99
18) Hexachloroethane	8.74	117	21081	26.20	ng	93
19) n-Nitroso-di-n-propylamine	8.47	70	46125	26.41	ng	97
20) 3+4-Methylphenols	8.46	107	64571	30.14	ng	92
22) Acetophenone	8.49	105	79284	31.27	ng	98
24) Nitrobenzene	8.86	77	67318	30.75	ng	97
25) Isophorone	9.39	82	121886	29.55	ng	# 97
26) 2-Nitrophenol	9.58	139	30958	31.63	ng	# 86
27) 2,4-Dimethylphenol	9.66	122	52911	32.85	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	61898	30.83	ng	# 94
29) 2,4-Dichlorophenol	10.12	162	53028	34.90	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	51484	29.87	ng	95
31) Naphthalene	10.50	128	156469	30.61	ng	98
32) Benzoic acid	9.77	122	12356	11.32	ng	# 80
33) 4-Chloroaniline	10.63	127	62249	25.75	ng	96
34) Hexachlorobutadiene	10.79	225	32512	29.79	ng	98
35) Caprolactam	11.40	113	25004m	32.73	ng	
36) 4-Chloro-3-methylphenol	11.78	107	68108	35.47	ng	98
37) 2-Methylnaphthalene	12.13	142	119600	29.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	58474	29.14	ng	98
40) Hexachlorocyclopentadiene	12.48	237	69862	57.07	ng	98

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Quant Time: May 27 03:51:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	46569	32.71	ng	97
43) 2,4,5-Trichlorophenol	12.84	196	51969	35.43	ng	92
45) 1,1'-Biphenyl	13.15	154	155291	30.39	ng	98
46) 2-Chloronaphthalene	13.19	162	123583	30.55	ng	99
47) 2-Nitroaniline	13.41	65	52309	33.23	ng	96
48) Acenaphthylene	14.05	152	214314	30.93	ng	99
49) Dimethylphthalate	13.79	163	205632	37.07	ng	100
50) 2,6-Dinitrotoluene	13.91	165	41726	33.95	ng	98
51) Acenaphthene	14.39	154	126784	30.98	ng	99
52) 3-Nitroaniline	14.24	138	41896	30.72	ng	92
53) 2,4-Dinitrophenol	14.45	184	38748	54.30	ng	97
54) Dibenzofuran	14.72	168	196806	32.35	ng	98
55) 4-Nitrophenol	14.60	139	75614	68.86	ng	92
56) 2,4-Dinitrotoluene	14.70	165	60169	35.10	ng	92
57) Fluorene	15.37	166	175849	32.65	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.96	232	50943	37.84	ng	94
59) Diethylphthalate	15.16	149	192861	32.37	ng	100
60) 4-Chlorophenyl-phenylether	15.37	204	89567	32.38	ng	95
61) 4-Nitroaniline	15.41	138	52346	34.41	ng	93
62) Azobenzene	15.66	77	189495	33.29	ng	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	36247	30.67	ng	98
65) n-Nitrosodiphenylamine	15.59	169	159296	30.09	ng	98
66) 4-Bromophenyl-phenylether	16.26	248	57567	30.61	ng	98
67) Hexachlorobenzene	16.38	284	60503	30.49	ng	91
68) Atrazine	16.54	200	67133	34.66	ng	99
69) Pentachlorophenol	16.73	266	77122	62.25	ng	94
70) Phenanthrene	17.11	178	275083	30.93	ng	99
71) Anthracene	17.20	178	280409	31.11	ng	96
72) Carbazole	17.48	167	283257	34.20	ng	97
73) Di-n-butylphthalate	18.04	149	360173	32.50	ng	98
74) Fluoranthene	19.13	202	343487	32.16	ng	97
76) Benzidine	19.33	184	98370	15.38	ng	96
77) Pyrene	19.50	202	349900	29.11	ng	98
79) Butylbenzylphthalate	20.40	149	161802	29.60	ng	95
80) Benzo(a)anthracene	21.24	228	330790	29.46	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	108774	25.03	ng	99
82) Chrysene	21.30	228	311443	29.78	ng	96
83) Bis(2-ethylhexyl)phthalate	21.17	149	233940	30.11	ng	99
84) Di-n-octyl phthalate	22.05	149	388834	30.06	ng	98
85) Indeno(1,2,3-cd)pyrene	25.80	276	362614	28.97	ng	99
87) Benzo(b)fluoranthene	22.82	252	333024	30.67	ng	98
88) Benzo(k)fluoranthene	22.87	252	308927	29.97	ng	99
89) Benzo(a)pyrene	23.40	252	313817	31.47	ng	100
90) Dibenzo(a,h)anthracene	25.80	278	312001	30.48	ng	98
91) Benzo(g,h,i)perylene	26.50	276	288945	29.99	ng	96

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



#1

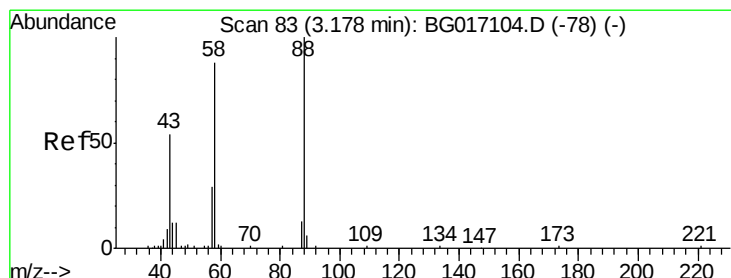
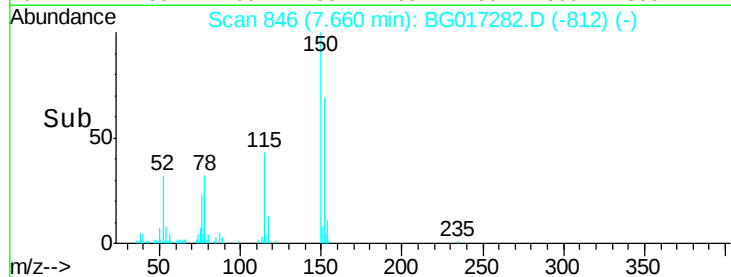
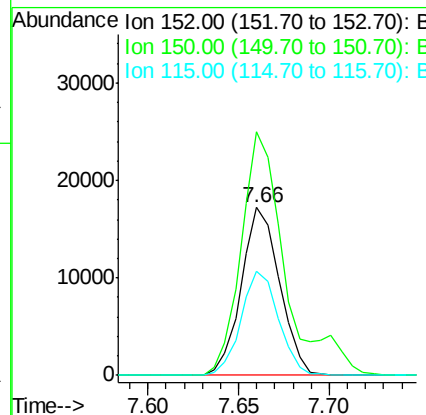
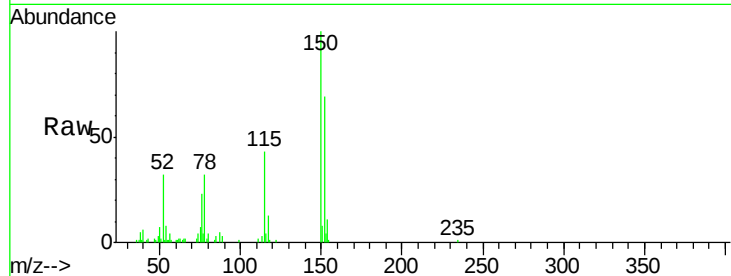
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.0	120.8	181.2
115	62.3	49.4	74.2

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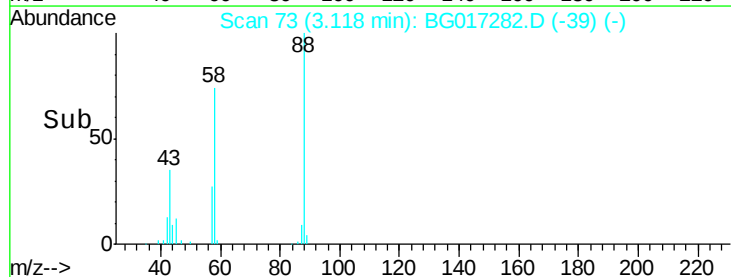
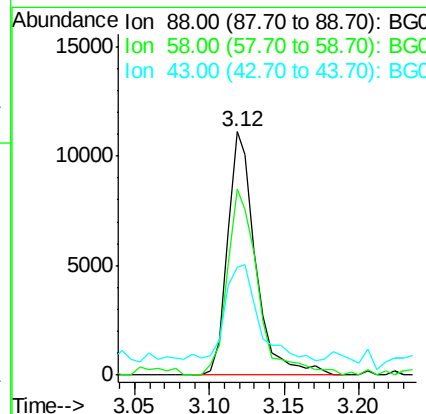
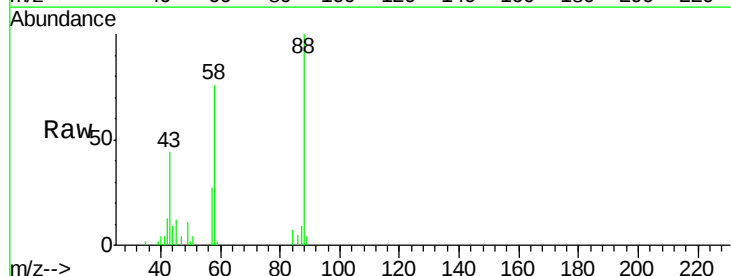
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#2

1,4-Dioxane
Concen: 26.09 ng
RT: 3.12 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	68.6	103.0
43	45.8	40.3	60.5





#3

Pyridine

Concen: 11.90 ng

RT: 3.52 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

ClientSampleId :

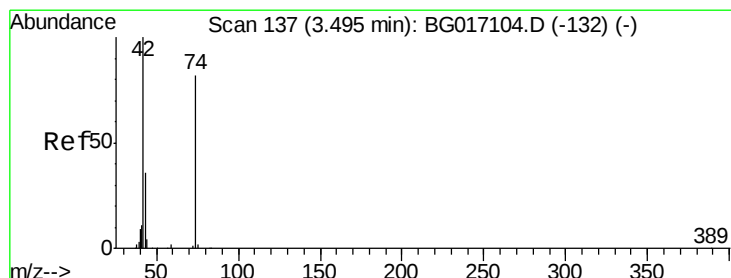
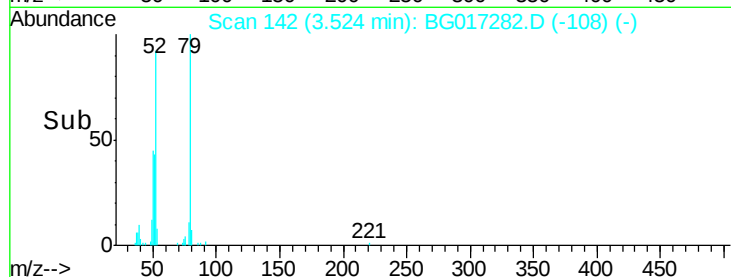
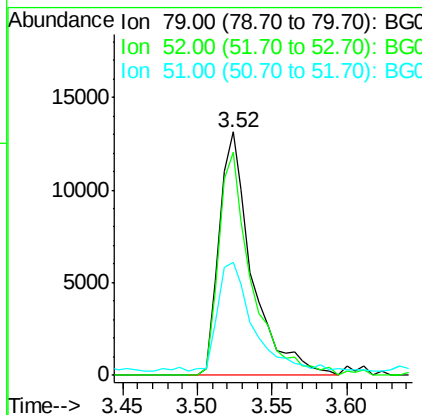
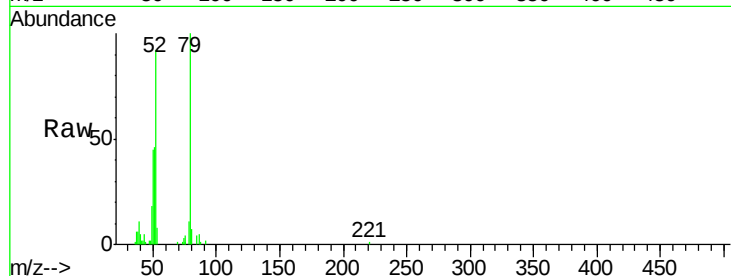
HF-1(18-19)MSD

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Tgt Ion:	79	Resp:	20288
Ion	Ratio	Lower	Upper
79	100		
52	91.8	72.2	108.2
51	46.4	40.6	60.8



#4

n-Nitrosodimethylamine

Concen: 25.23 ng

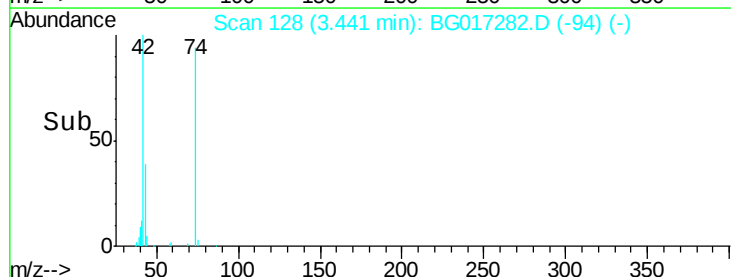
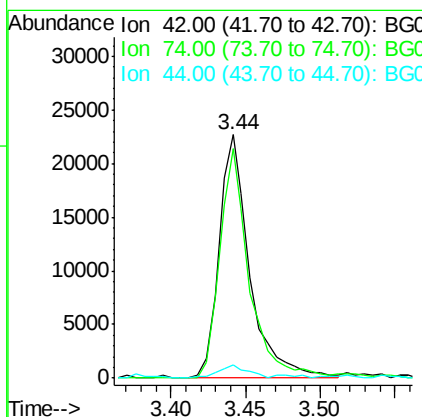
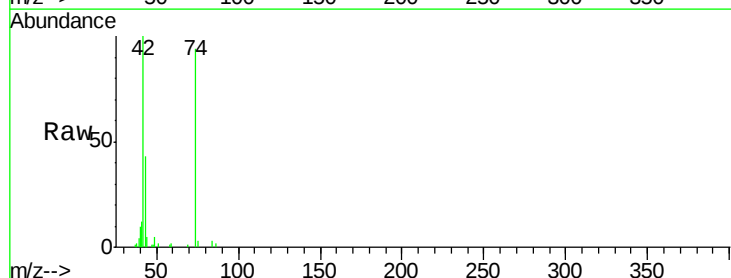
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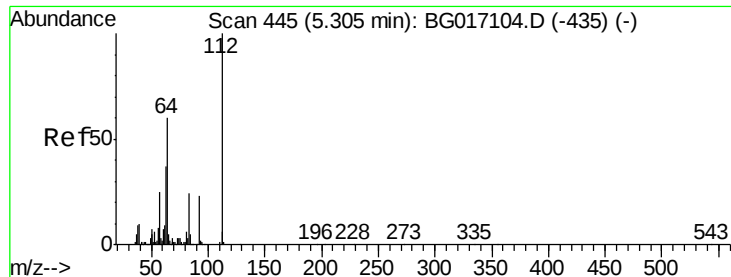
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	42	Resp:	32660
Ion	Ratio	Lower	Upper
42	100		
74	94.1	65.2	97.8
44	5.3	3.2	4.8#





#5

2-Fluorophenol

Concen: 99.67 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

ClientSampleId :

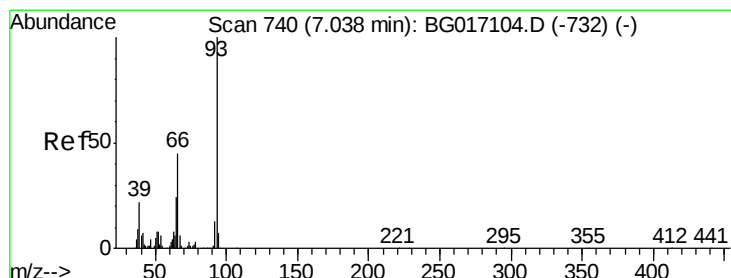
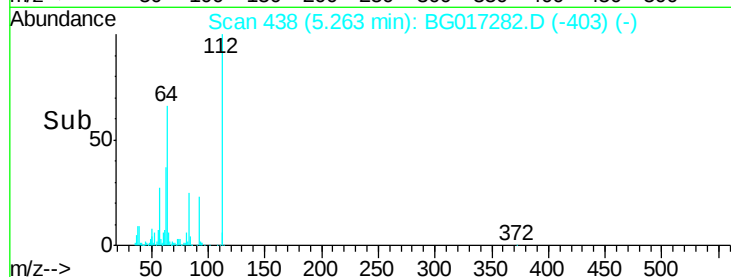
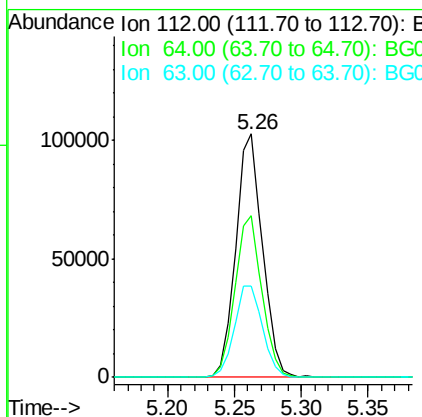
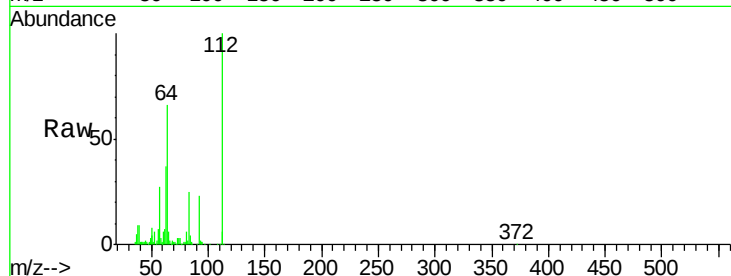
HF-1(18-19)MSD

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Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		142387		
64	66.3	48.1	72.1		
63	37.4	29.8	44.8		



#6

Aniline

Concen: 21.37 ng

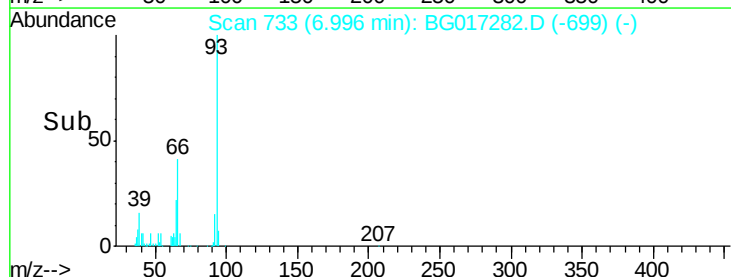
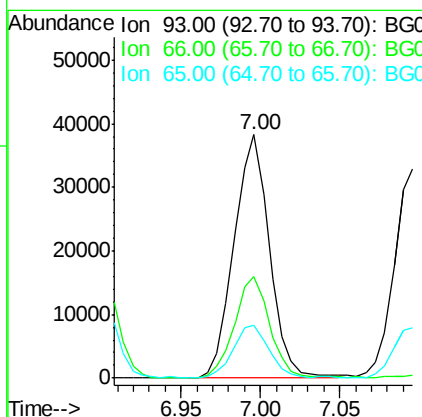
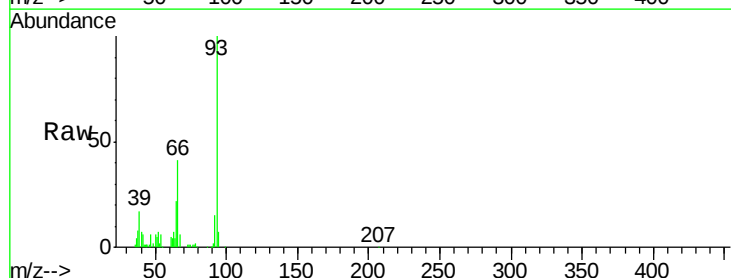
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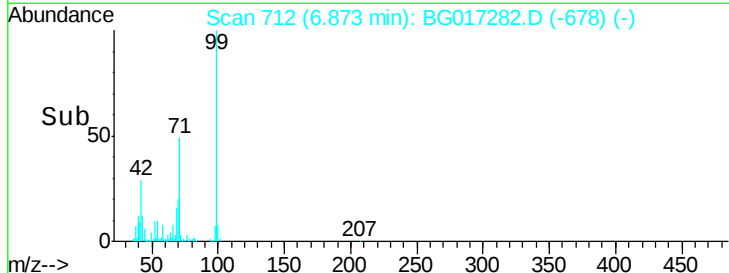
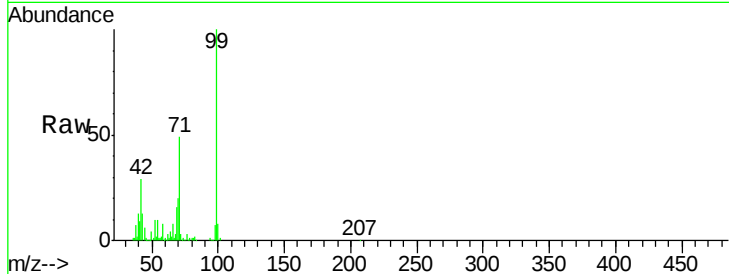
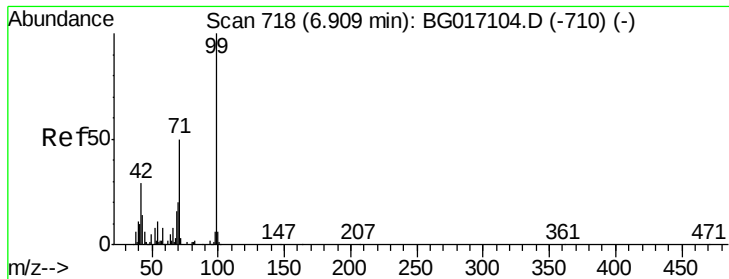
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt	Ion	Ratio	Resp	Lower	Upper
93	100		59262		
66	41.5	35.8	53.8		
65	21.9	19.2	28.8		





#7

Phenol-d6

Concen: 96.81 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	194082		
42	29.0	23.5	35.3	
71	49.3	39.8	59.8	

Instrument :

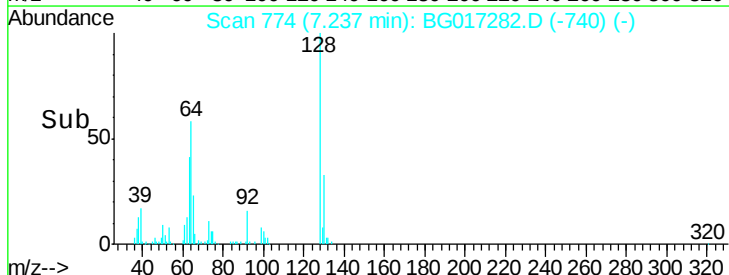
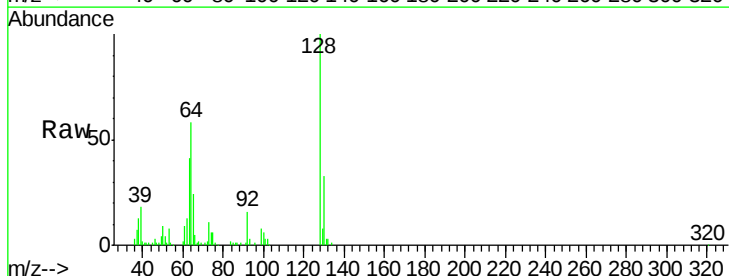
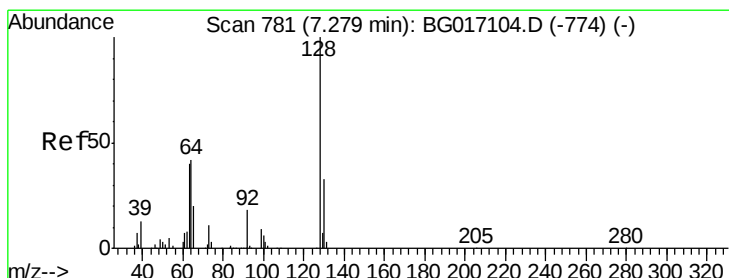
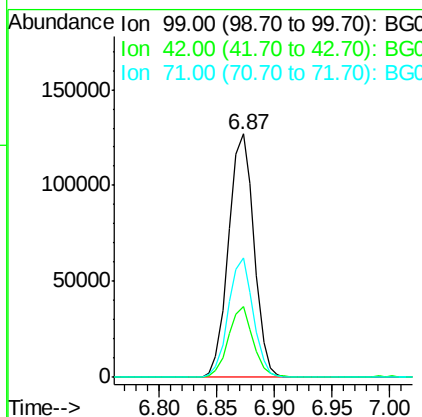
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#8

2-Chlorophenol

Concen: 31.02 ng

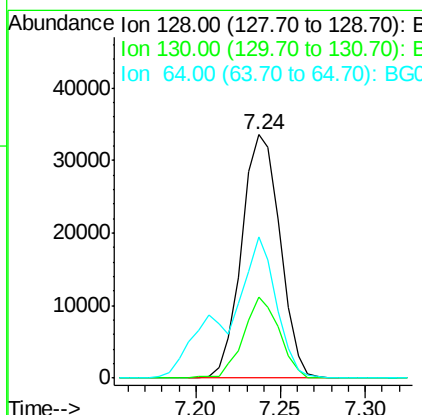
RT: 7.24 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	53007		
130	33.1	13.3	53.3	
64	57.8	30.9	70.9	





#9

Benzaldehyde

Concen: 4.85 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

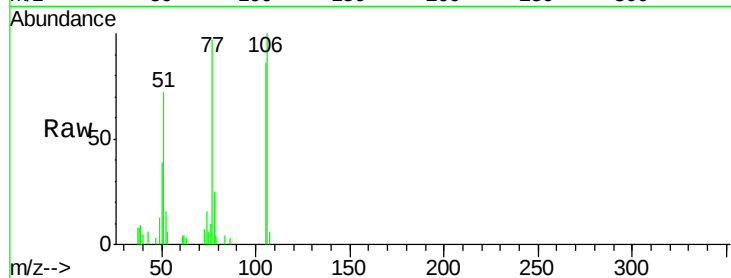
ClientSampleId :

HF-1(18-19)MSD

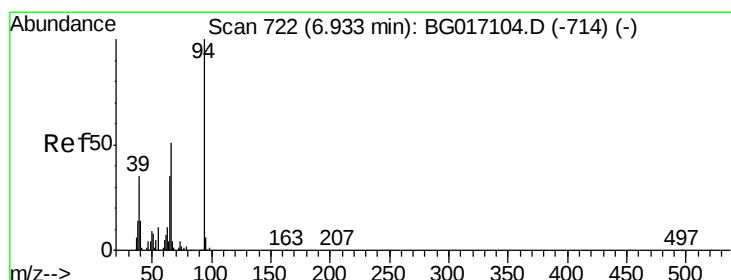
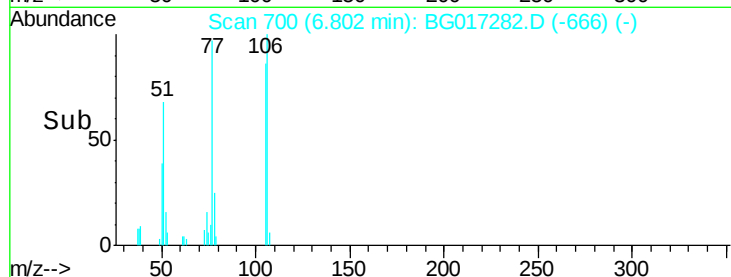
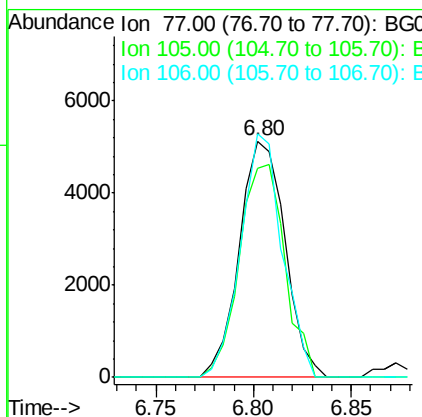
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Tgt Ion:	77	Resp:	8308
Ion	Ratio	Lower	Upper
77	100		
105	88.3	69.5	109.5
106	103.0	63.4	103.4



#10

Phenol

Concen: 33.13 ng

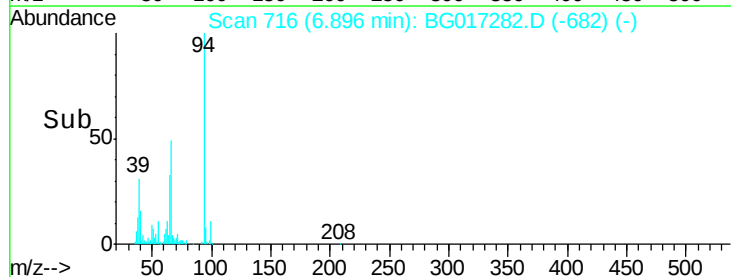
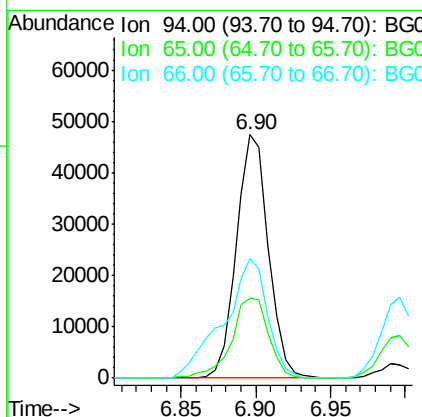
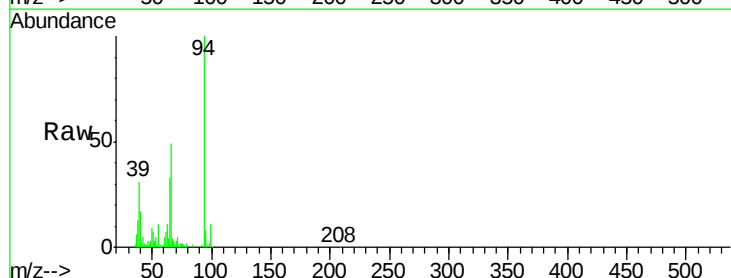
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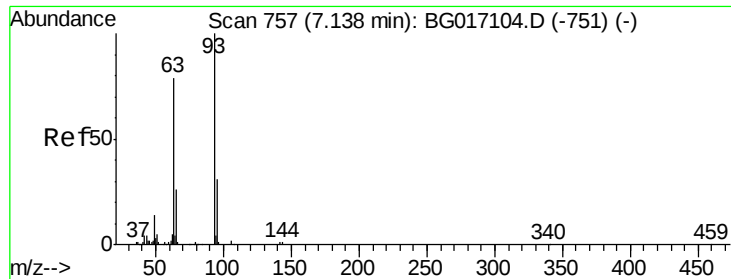
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	94	Resp:	70431
Ion	Ratio	Lower	Upper
94	100		
65	32.8	15.0	55.0
66	49.0	32.1	72.1





#11

bis(2-Chloroethyl)ether

Concen: 29.56 ng

RT: 7.10 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

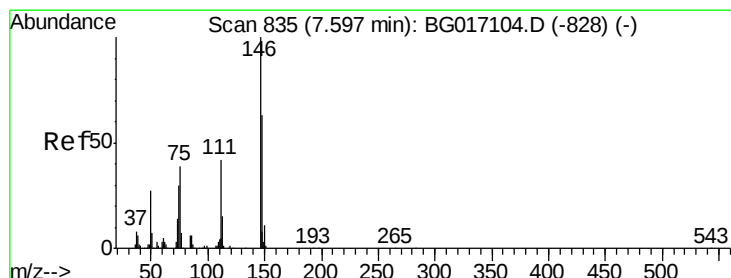
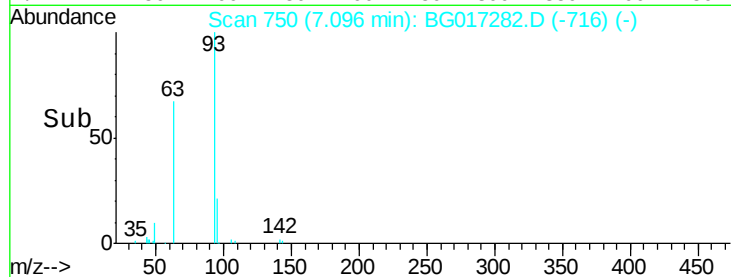
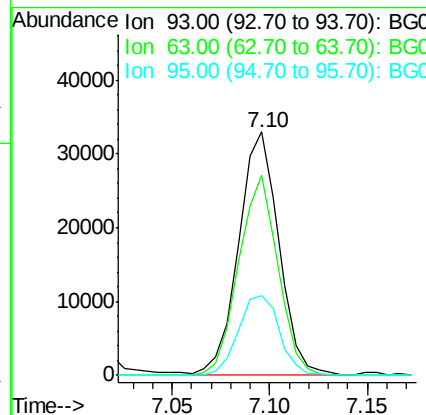
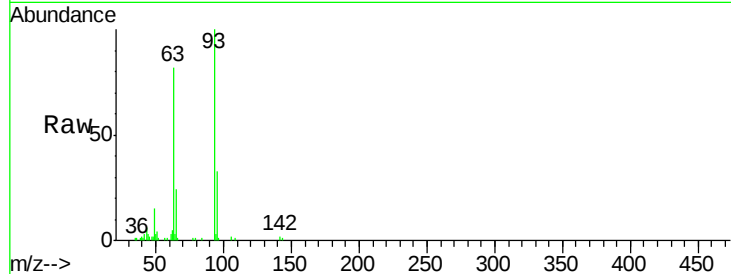
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	93	Resp:	47130
Ion Ratio	Lower	Upper	
93	100		
63	82.1	58.5	98.5
95	32.7	11.0	51.0

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#12

1,3-Dichlorobenzene

Concen: 26.72 ng

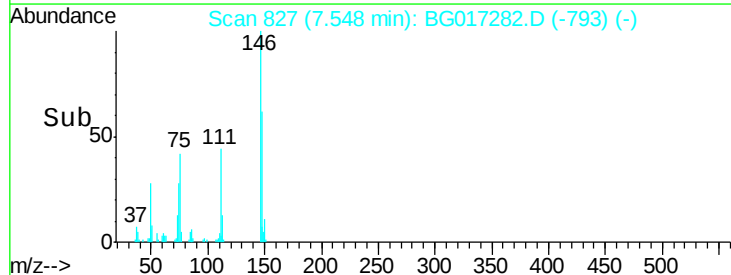
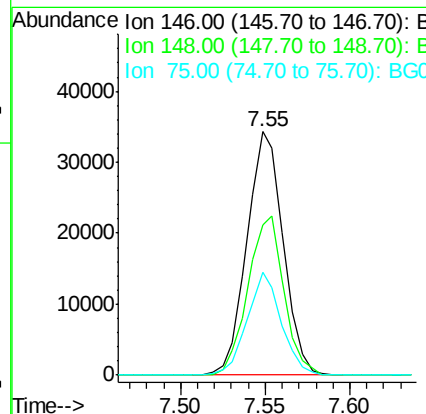
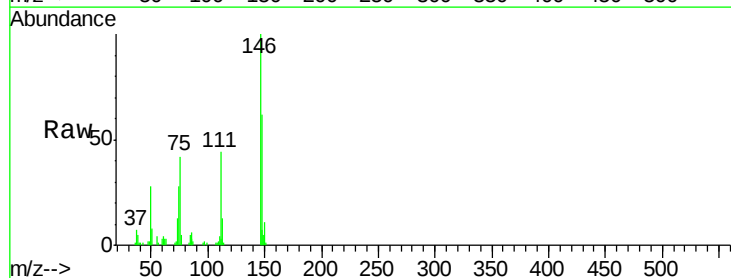
RT: 7.55 min Scan# 827

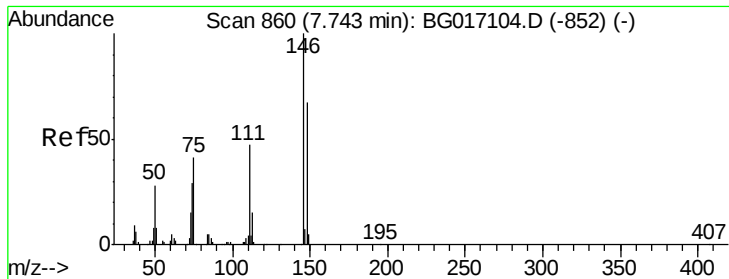
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	146	Resp:	50991
Ion Ratio	Lower	Upper	
146	100		
148	61.6	50.6	75.8
75	42.4	31.4	47.2





#13

1,4-Dichlorobenzene

Concen: 27.94 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

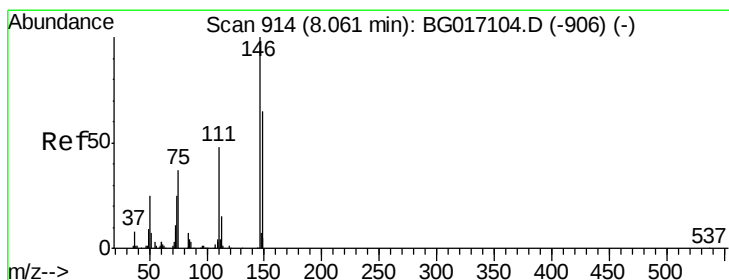
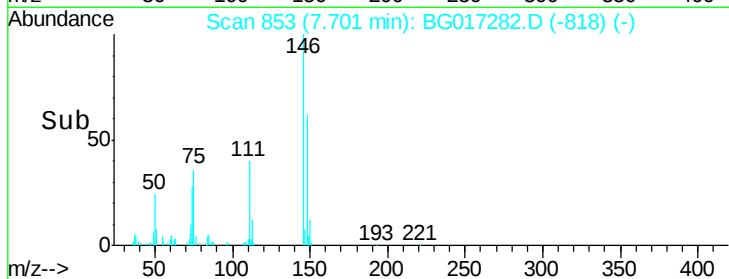
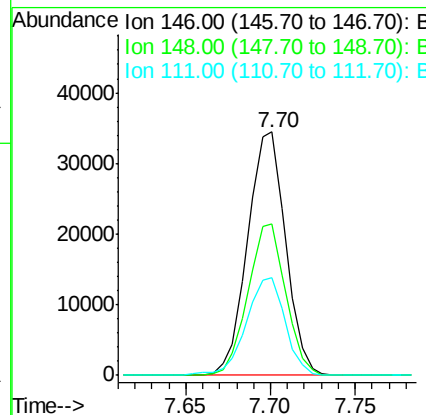
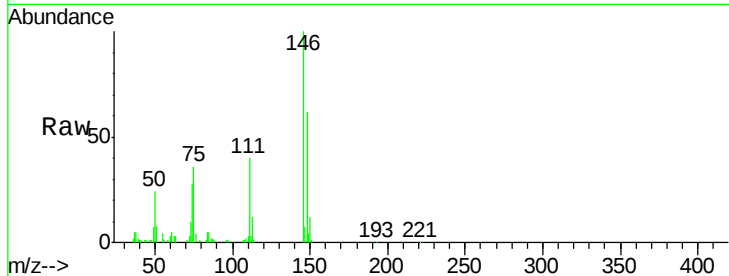
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	146	Resp:	53824
Ion Ratio	Lower	Upper	
146	100		
148	62.2	53.9	80.9
111	40.1	37.9	56.9

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#14

1,2-Dichlorobenzene

Concen: 27.38 ng

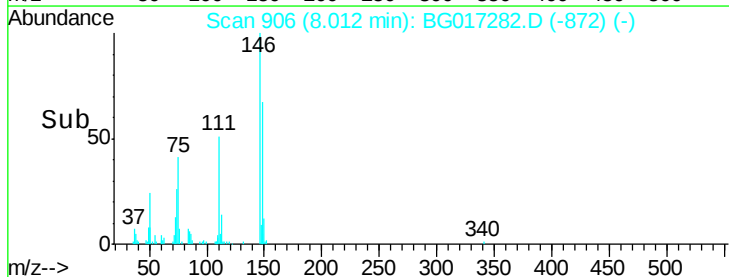
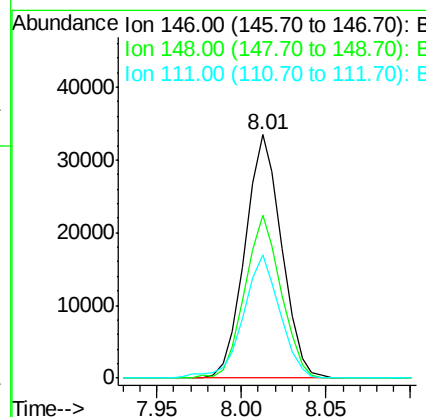
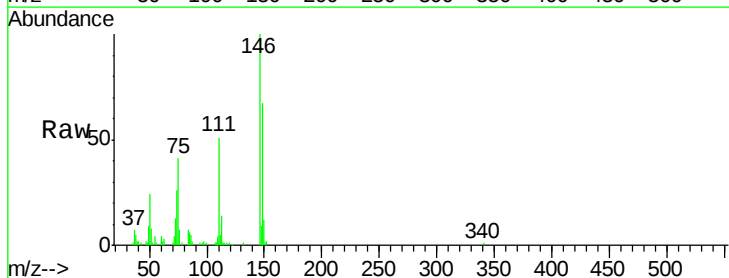
RT: 8.01 min Scan# 906

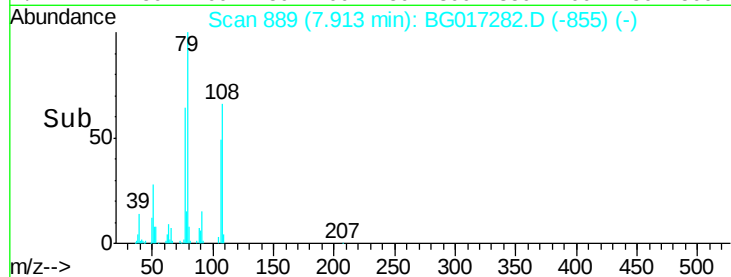
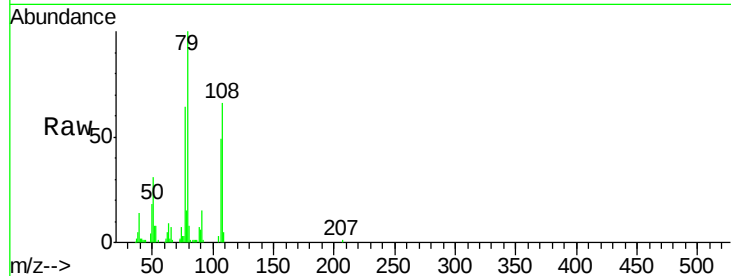
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	146	Resp:	50378
Ion Ratio	Lower	Upper	
146	100		
148	66.9	52.3	78.5
111	50.6	39.0	58.4





#15

Benzyl Alcohol

Concen: 29.17 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	79	Resp:	56822
Ion Ratio	Lower	Upper	
79	100		
108	66.5	55.8	83.6
77	63.8	55.4	83.0

Instrument :

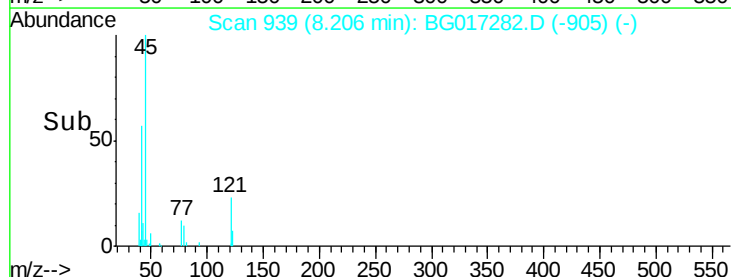
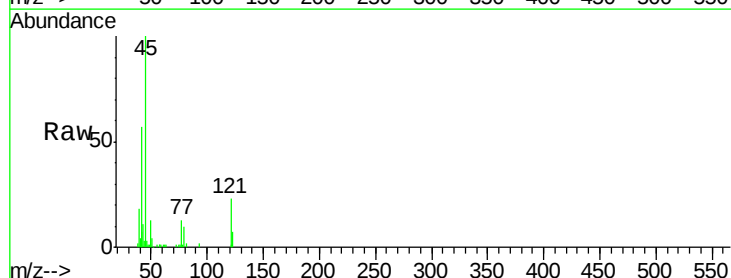
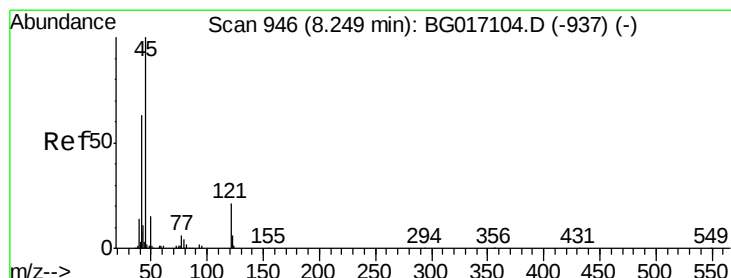
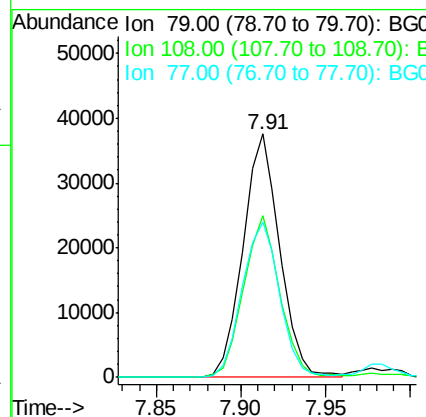
BNA_G

ClientSampleId :

HF-1(18-19)MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.64 ng

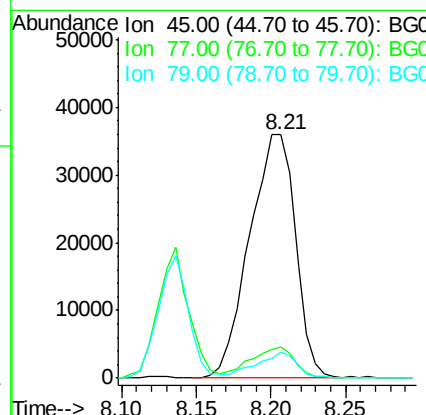
RT: 8.21 min Scan# 939

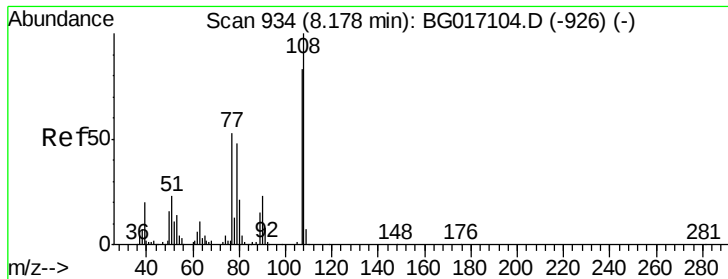
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	45	Resp:	76622
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.5
79	10.5	0.0	29.4





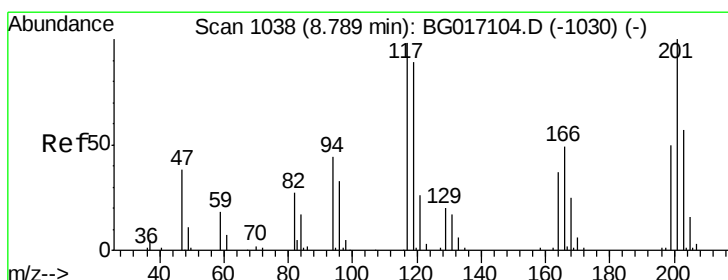
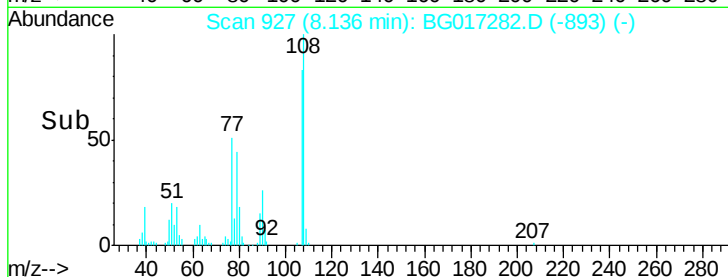
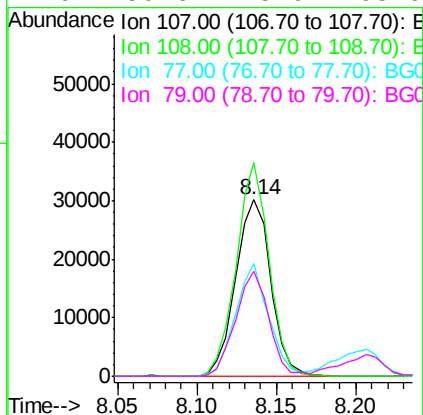
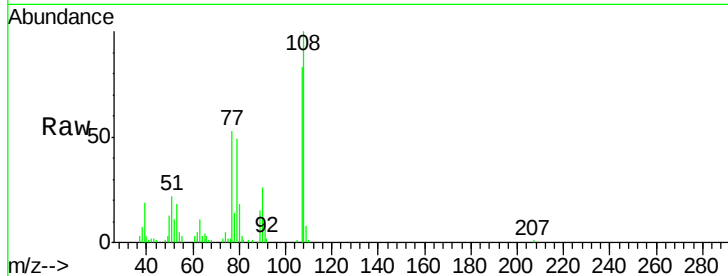
#17
2-Methylphenol
Concen: 29.99 ng
RT: 8.14 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion:	107	Resp:	46234
Ion	Ratio	Lower	Upper
107	100		
108	121.0	96.6	144.8
77	64.0	51.2	76.8
79	59.6	45.9	68.9

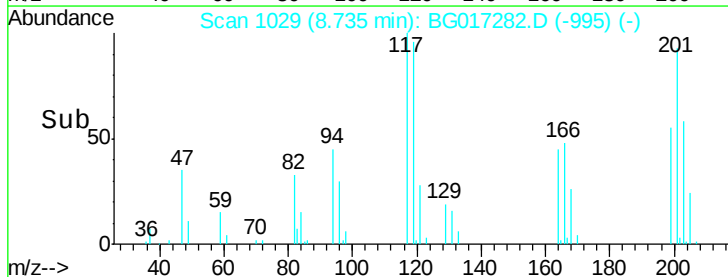
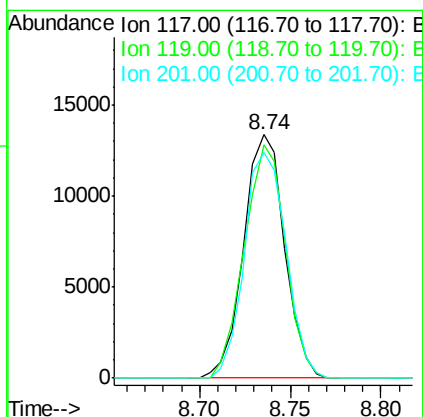
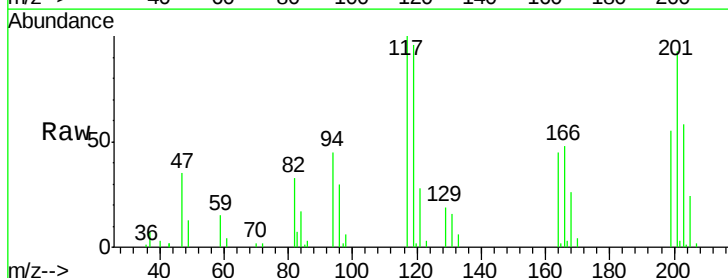
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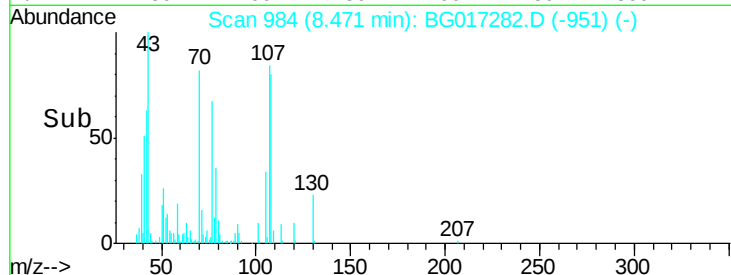
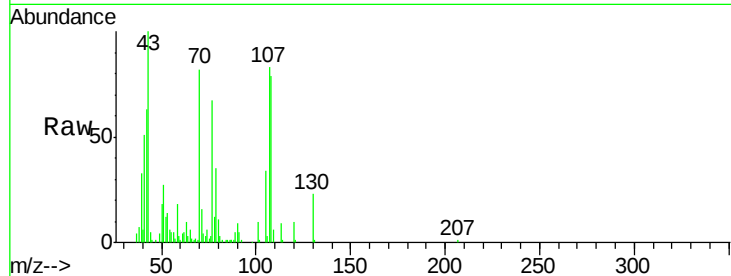
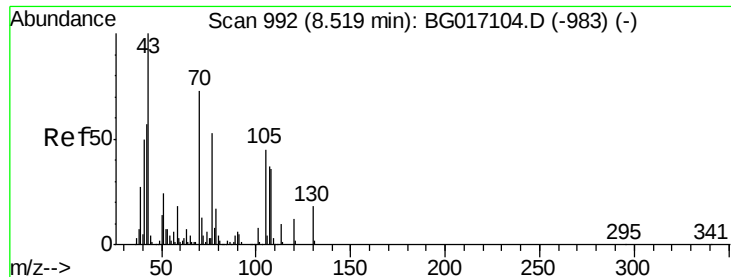
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#18
Hexachloroethane
Concen: 26.20 ng
RT: 8.74 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion:	117	Resp:	21081
Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.0	109.6
201	92.8	81.7	122.5





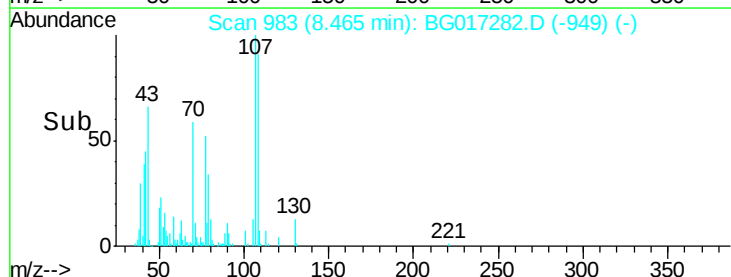
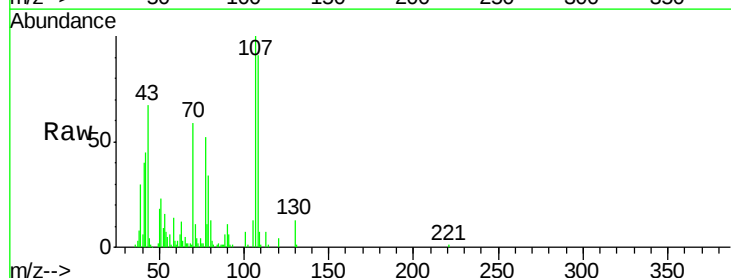
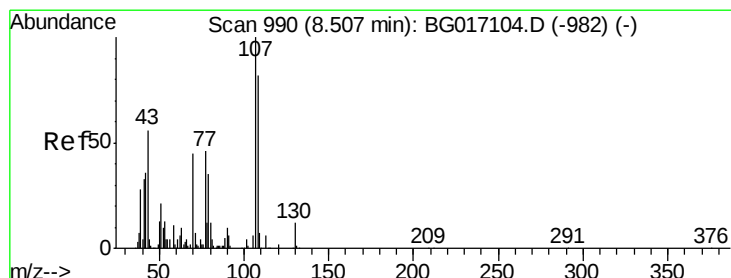
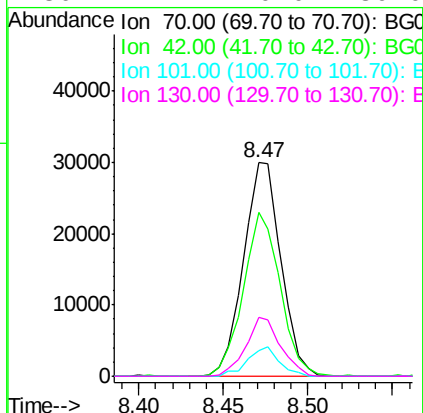
#19
n-Nitroso-di-n-propylamine
Concen: 26.41 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

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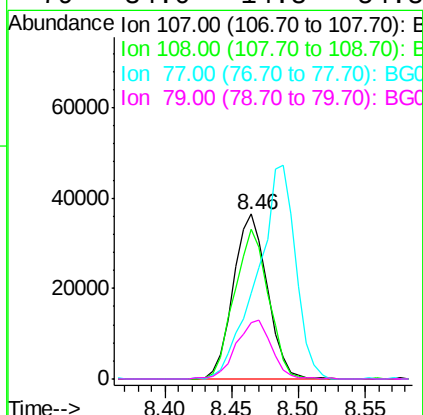
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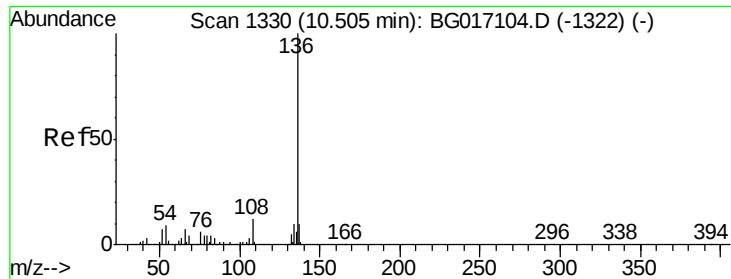
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		46125		
42	76.7	62.6	94.0		
101	12.3	9.0	13.4		
130	27.7	20.0	30.0		



#20
3+4-Methylphenols
Concen: 30.14 ng
RT: 8.46 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		64571		
108	90.9	62.2	102.2		
77	51.7	26.0	66.0		
79	34.0	14.8	54.8		





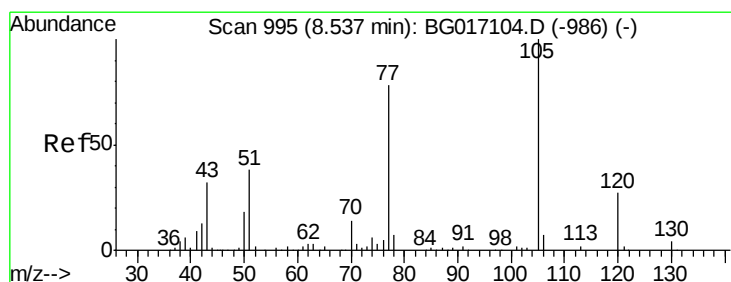
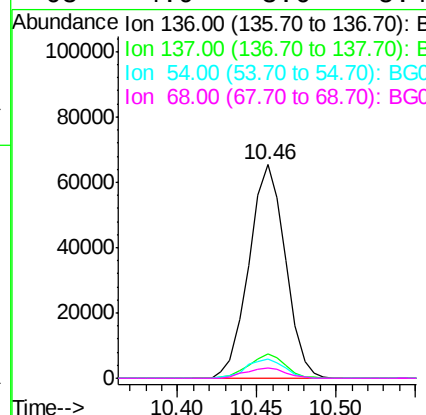
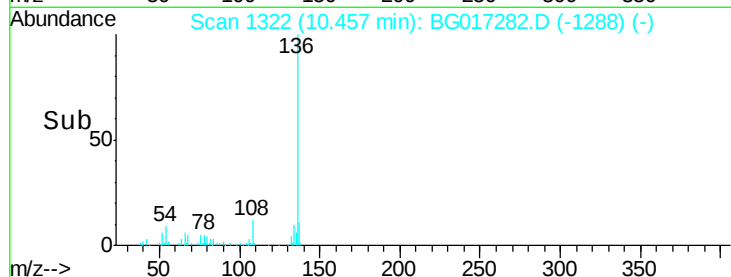
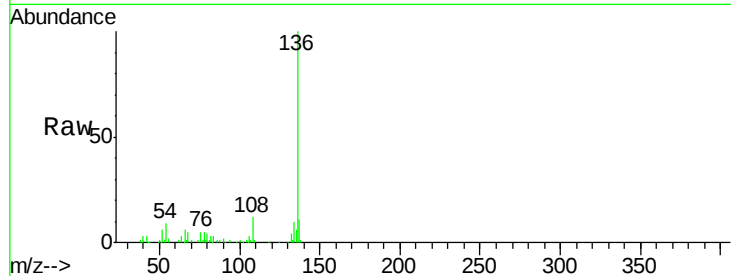
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	104463		
137	11.3	8.3	12.5	
54	9.1	7.4	11.2	
68	4.9	3.6	5.4	

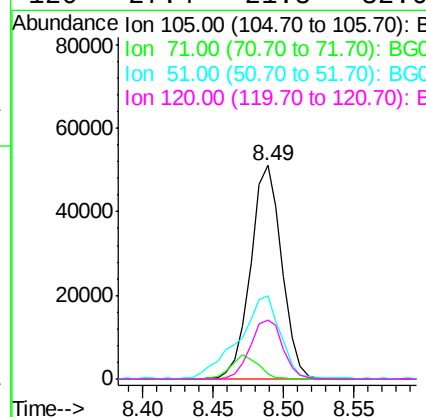
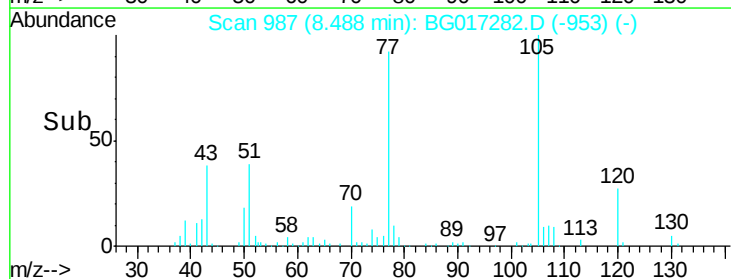
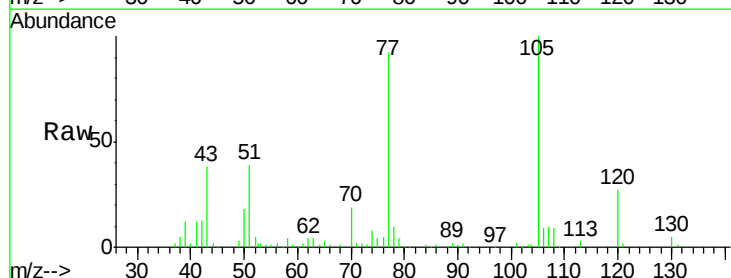
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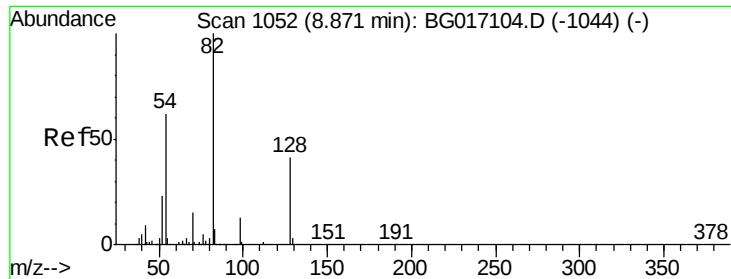
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#22
Acetophenone
Concen: 31.27 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	79284		
71	2.4	2.2	3.4	
51	39.2	32.8	49.2	
120	27.4	21.8	32.6	





#23

Nitrobenzene-d5

Concen: 56.85 ng

RT: 8.82 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

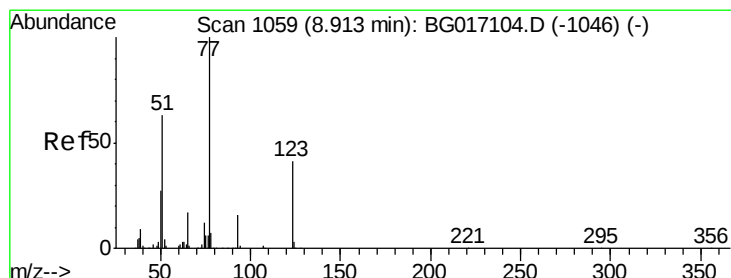
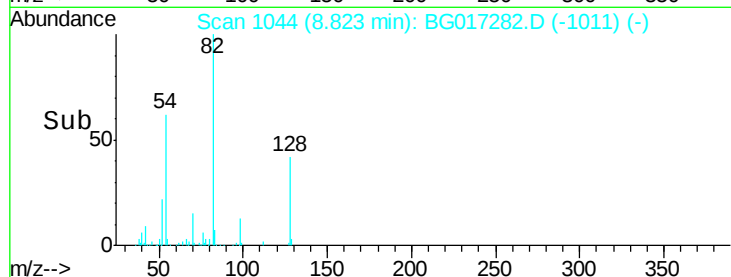
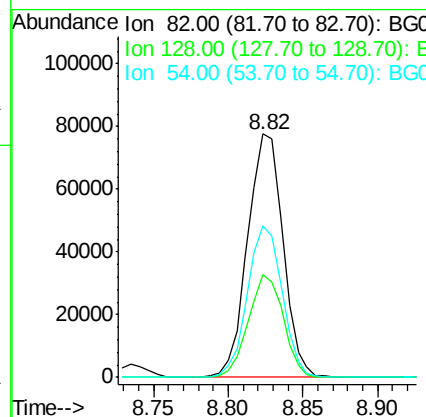
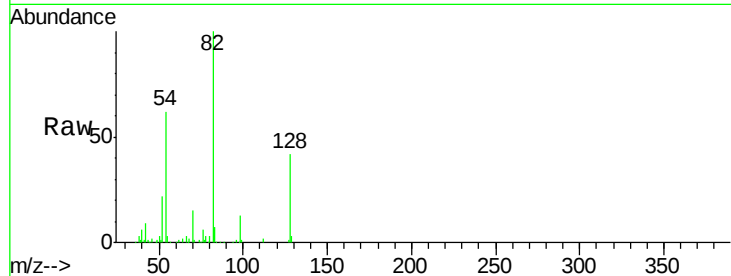
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion	82	Resp	127199
Ion Ratio	Lower	Upper	
82	100		
128	42.2	32.6	49.0
54	62.0	49.6	74.4

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#24

Nitrobenzene

Concen: 30.75 ng

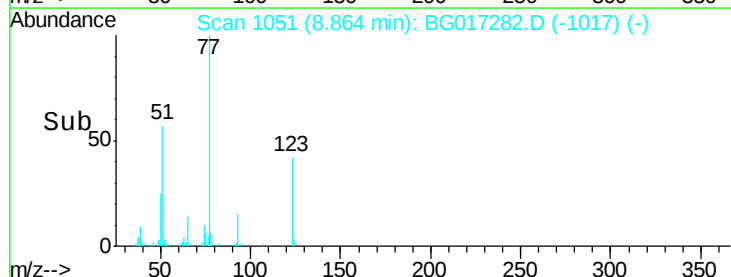
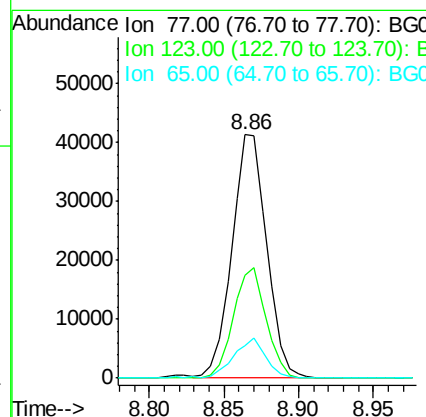
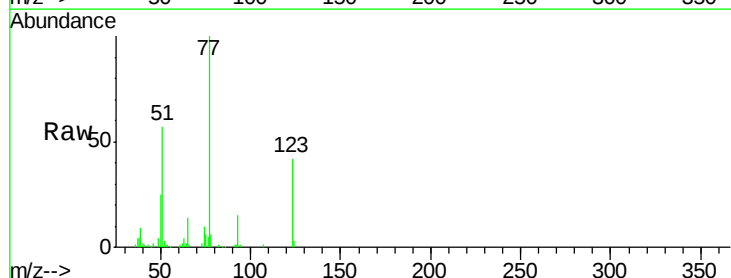
RT: 8.86 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion	77	Resp	67318
Ion Ratio	Lower	Upper	
77	100		
123	42.1	33.0	49.4
65	13.5	13.3	19.9





#25

Isophorone

Concen: 29.55 ng

RT: 9.39 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

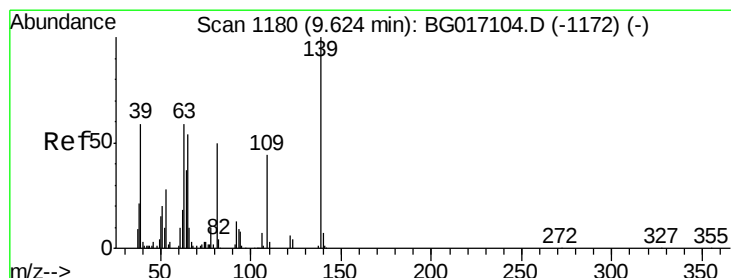
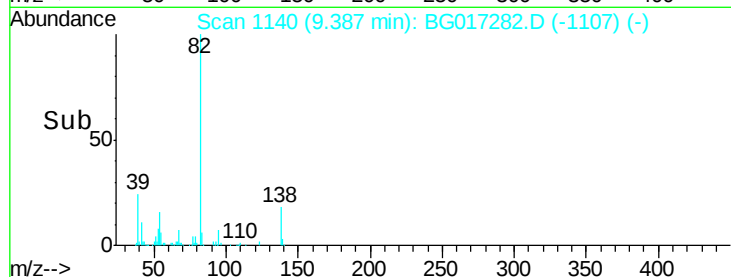
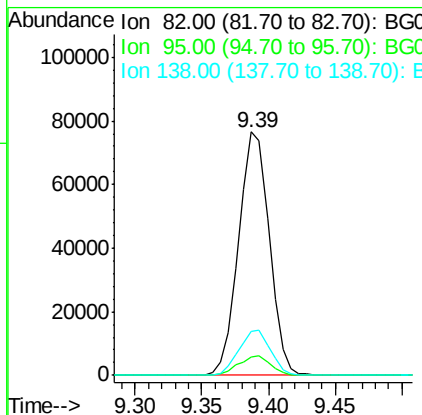
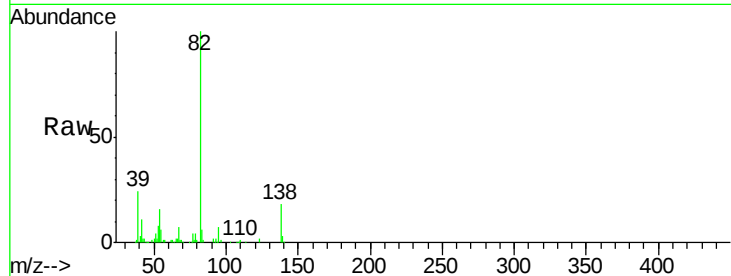
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	82	Resp:	121886
Ion Ratio		Lower	Upper
82	100		
95	7.3	7.7	11.5#
138	18.0	15.0	22.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.63 ng

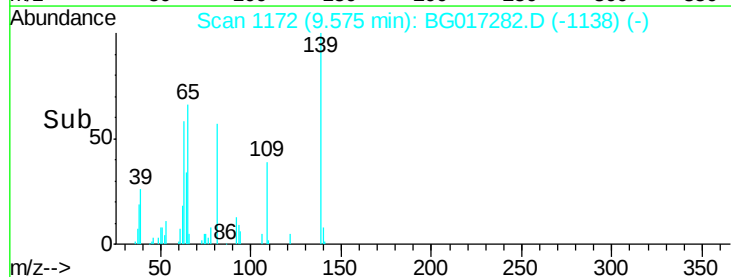
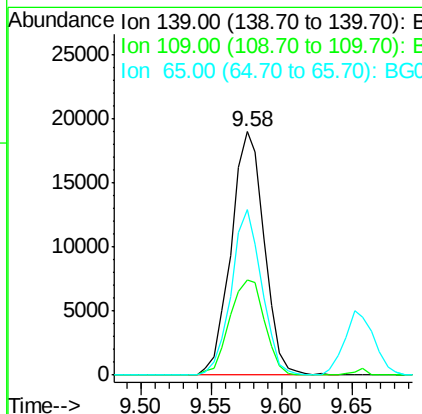
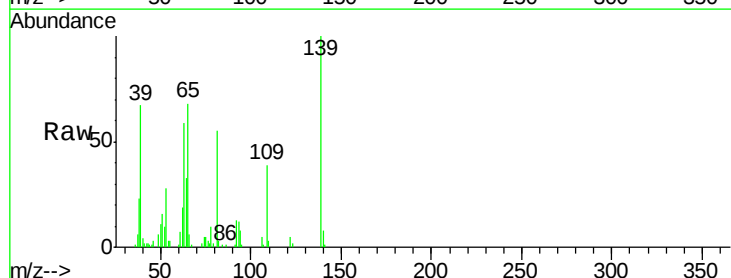
RT: 9.58 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	139	Resp:	30958
Ion Ratio		Lower	Upper
139	100		
109	39.2	34.9	52.3
65	68.0	43.0	64.4#





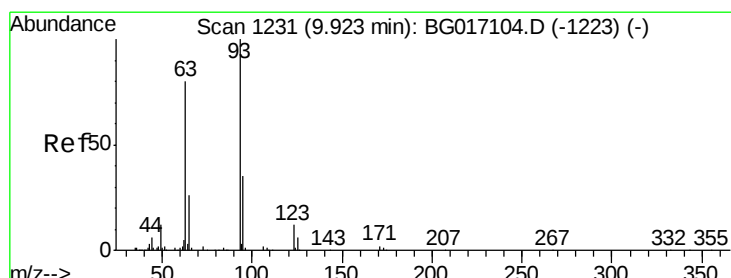
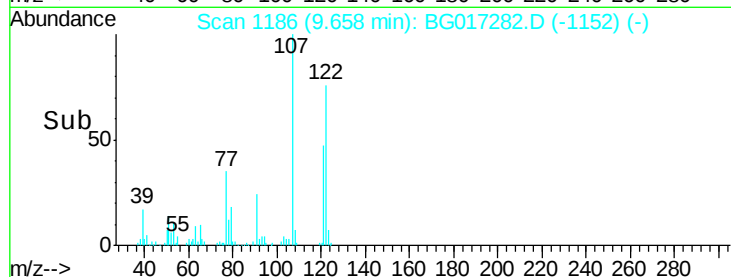
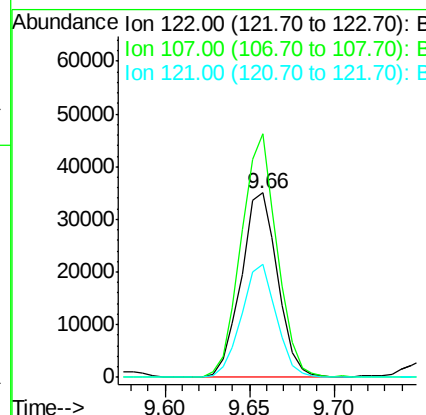
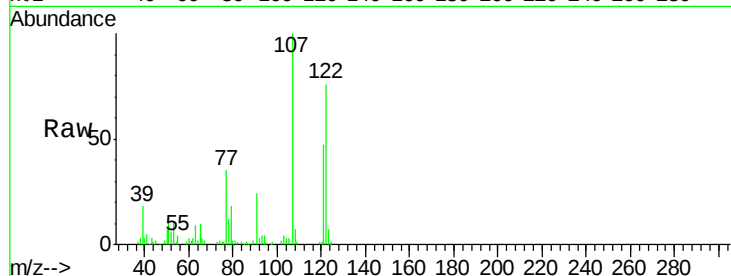
#27
 2,4-Dimethylphenol
 Concen: 32.85 ng
 RT: 9.66 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	52911		
107	131.9	102.3	153.5	
121	61.6	48.7	73.1	

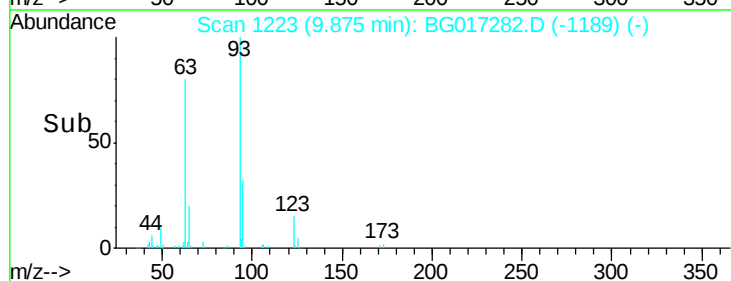
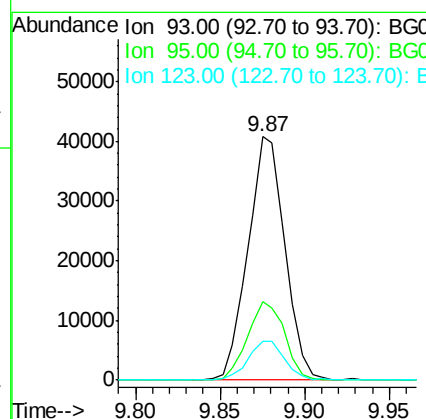
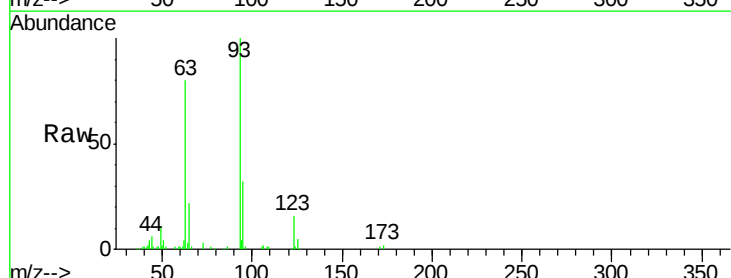
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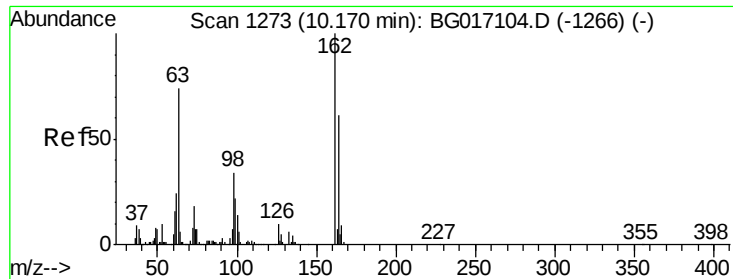
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.83 ng
 RT: 9.87 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	61898		
95	32.1	28.0	42.0	
123	16.1	10.3	15.5	





#29

2,4-Dichlorophenol

Concen: 34.90 ng

RT: 10.12 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

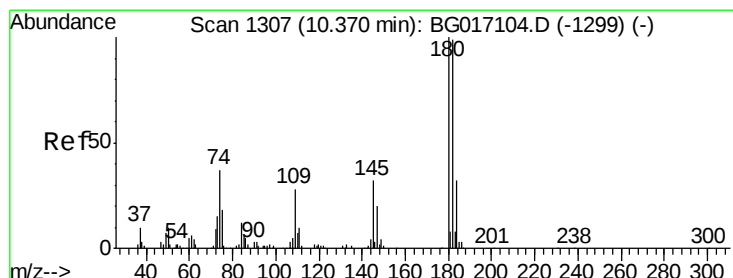
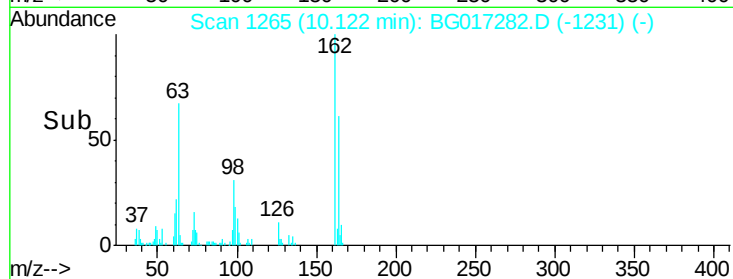
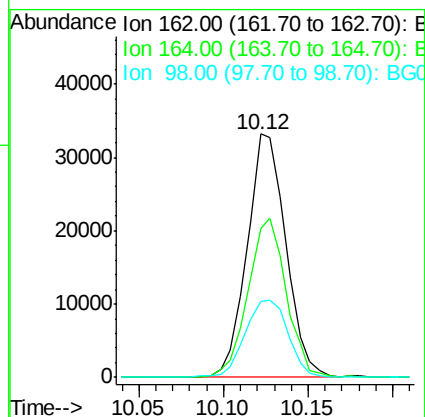
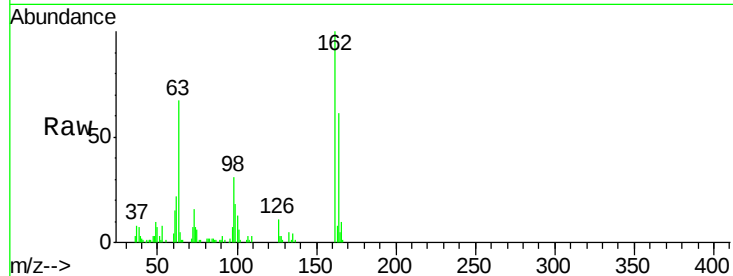
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	162	Resp:	53028
Ion Ratio	Lower	Upper	
162	100		
164	61.0	41.4	81.4
98	31.4	14.3	54.3

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#30

1,2,4-Trichlorobenzene

Concen: 29.87 ng

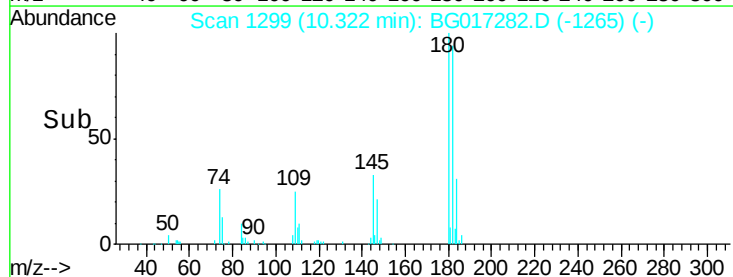
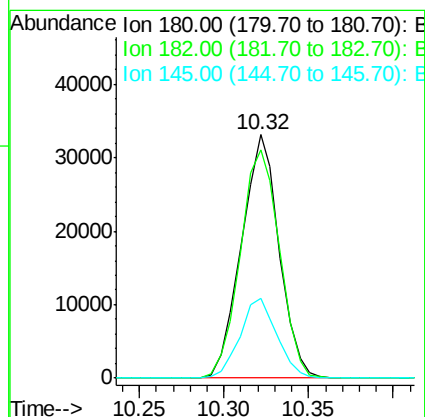
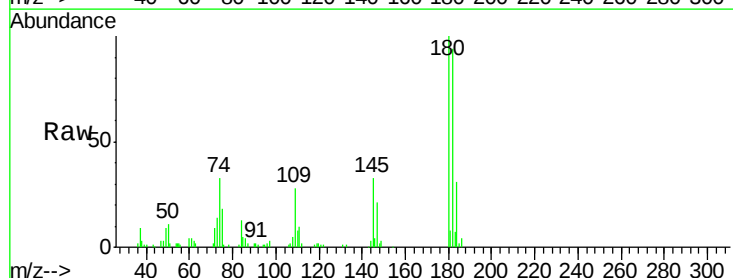
RT: 10.32 min Scan# 1299

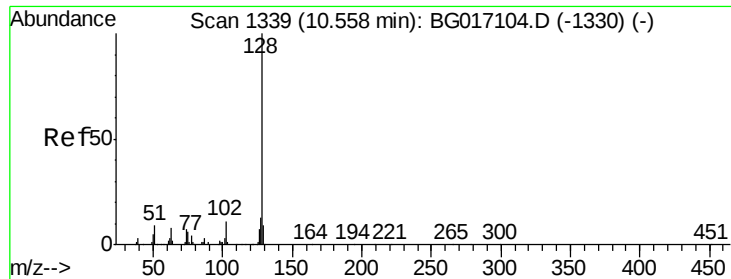
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	180	Resp:	51484
Ion Ratio	Lower	Upper	
180	100		
182	93.8	79.4	119.0
145	32.9	25.3	37.9





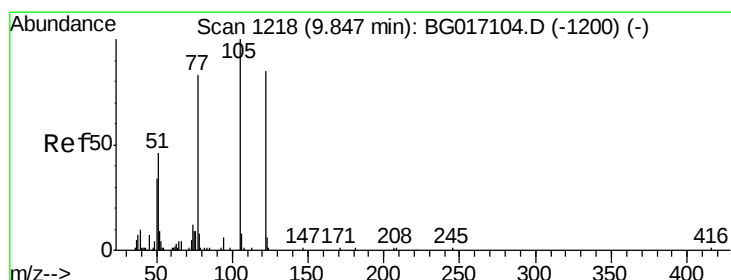
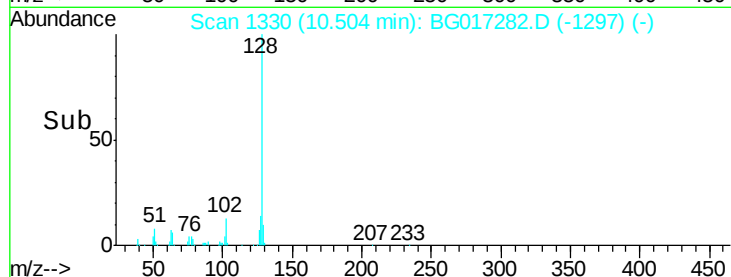
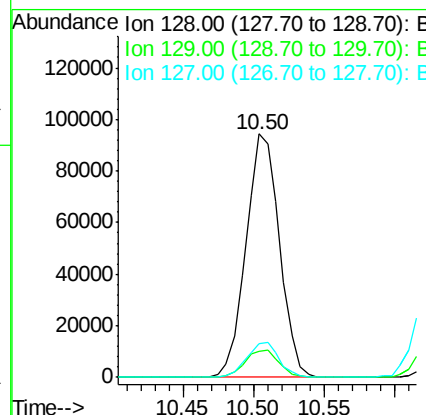
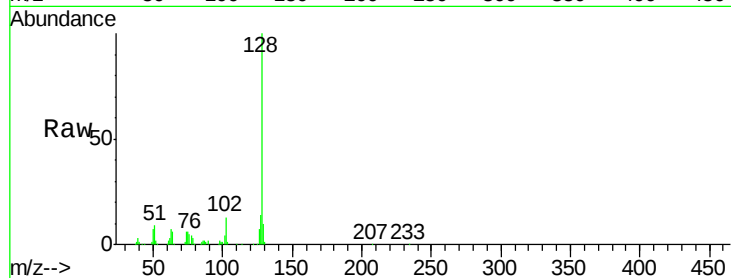
#31
Naphthalene
Concen: 30.61 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	156469		
129	10.5	7.6	11.4	
127	13.8	10.6	16.0	

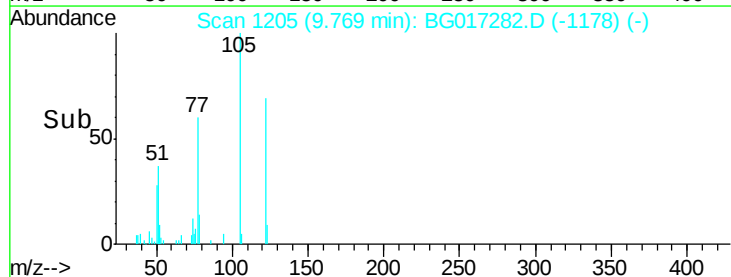
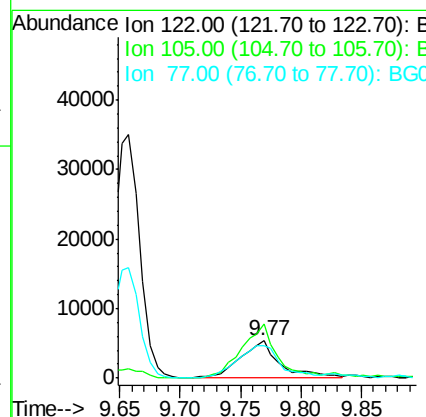
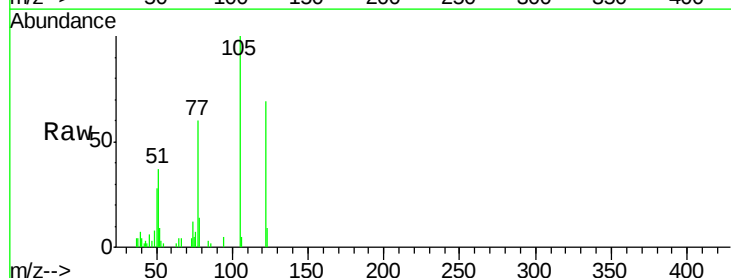
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#32
Benzoic acid
Concen: 11.32 ng
RT: 9.77 min Scan# 1205
Delta R.T. -0.04 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	12356		
105	145.1	96.7	136.7#	
77	86.4	78.5	118.5	





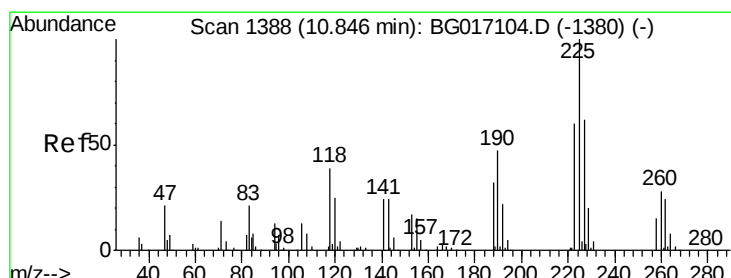
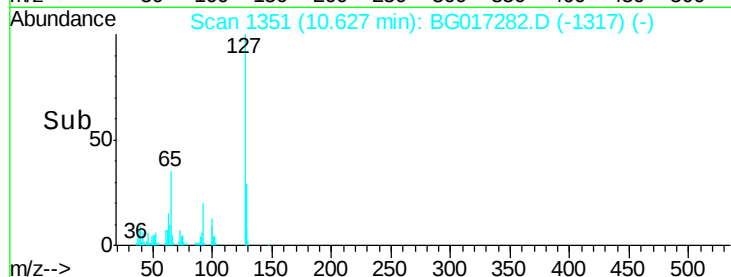
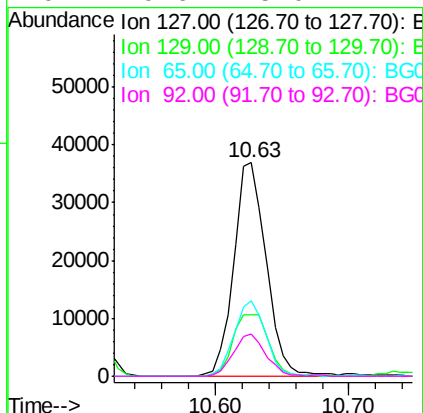
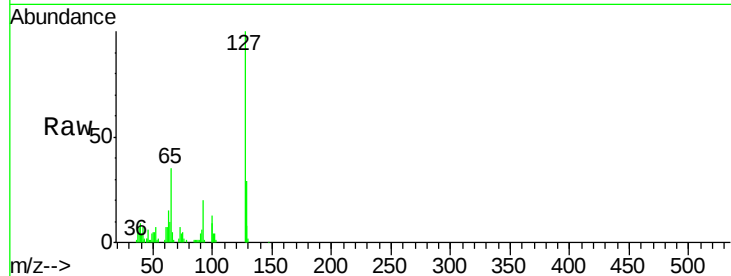
#33
4-Chloroaniline
Concen: 25.75 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	62249		
129	28.9	24.8	37.2	
65	35.3	25.8	38.6	
92	19.6	15.0	22.4	

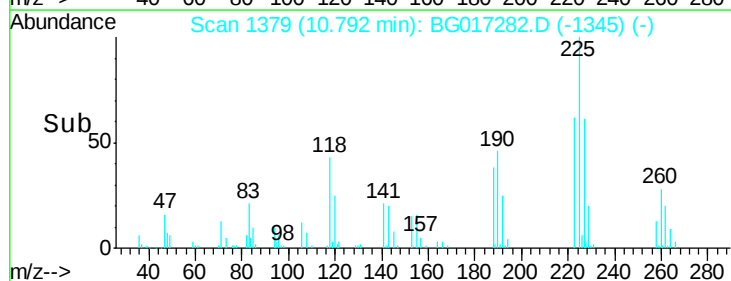
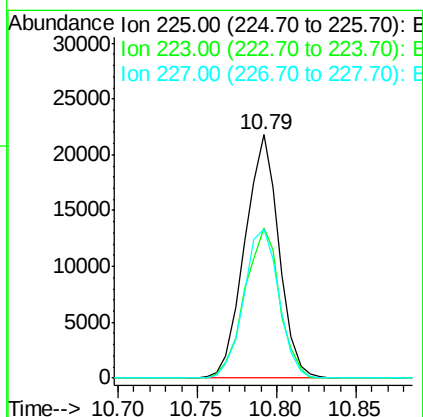
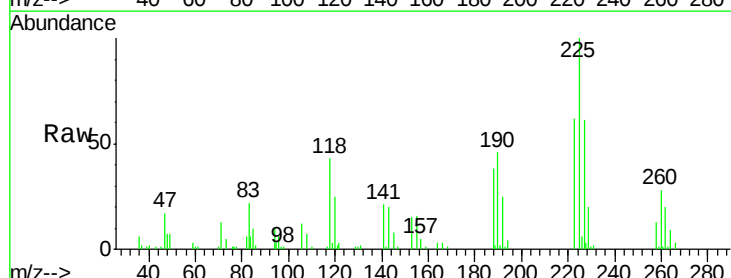
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#34
Hexachlorobutadiene
Concen: 29.79 ng
RT: 10.79 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32512		
223	61.8	48.3	72.5	
227	63.7	49.8	74.8	





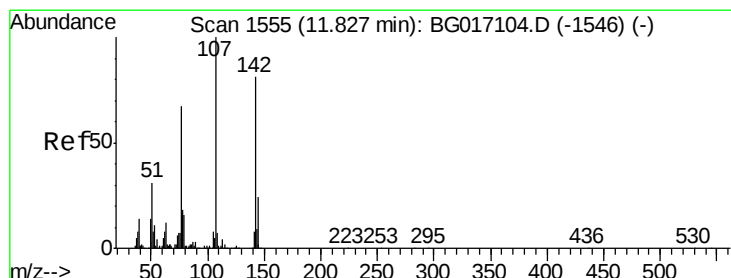
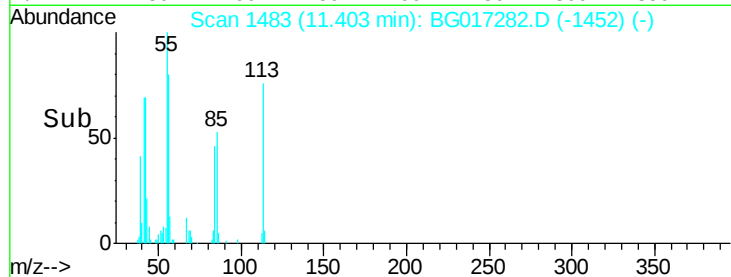
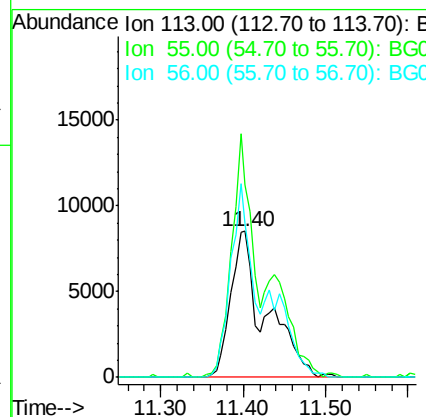
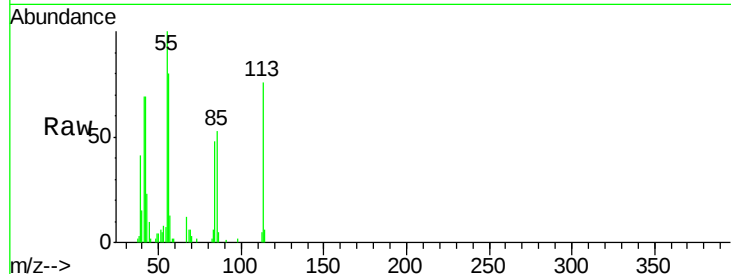
#35
 Caprolactam
 Concen: 32.73 ng m
 RT: 11.40 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	25004		
55	131.3	124.1	164.1	
56	105.4	100.3	140.3	

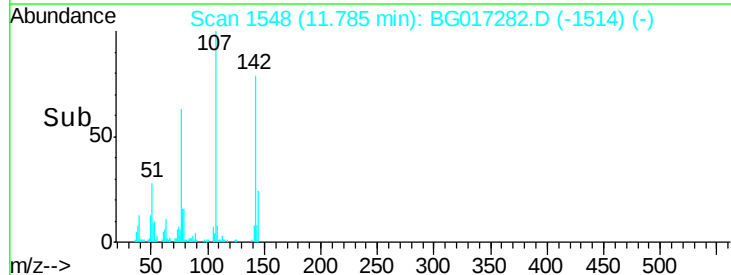
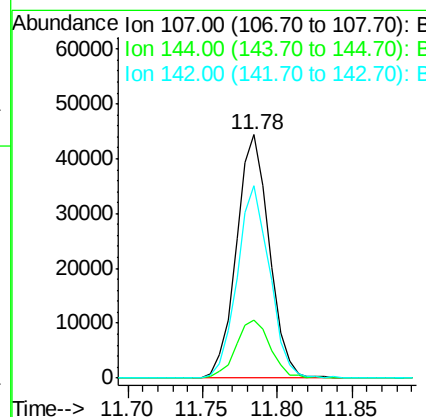
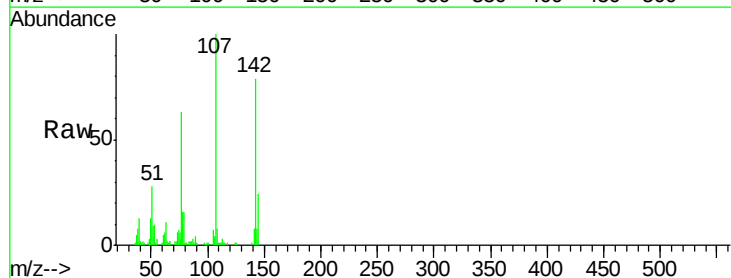
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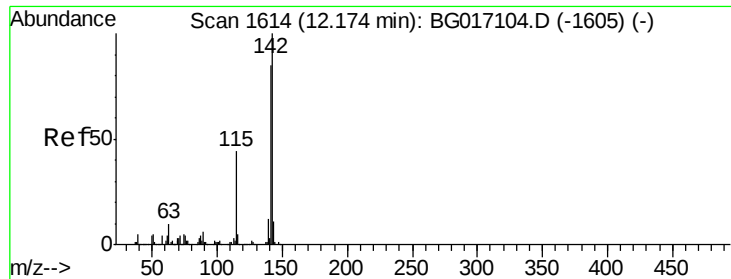
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#36
 4-Chloro-3-methylphenol
 Concen: 35.47 ng
 RT: 11.78 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	68108		
144	23.9	19.6	29.4	
142	79.1	64.9	97.3	





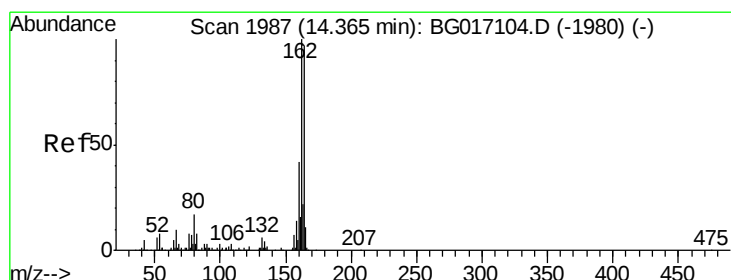
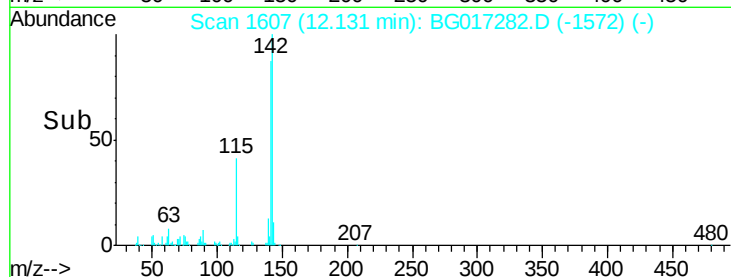
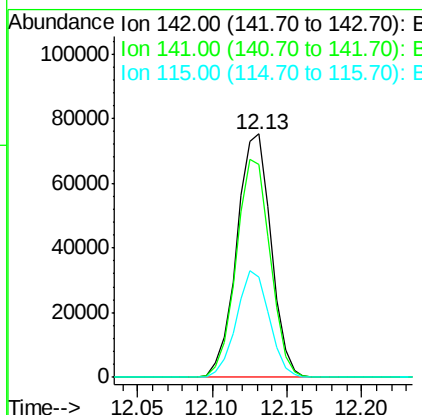
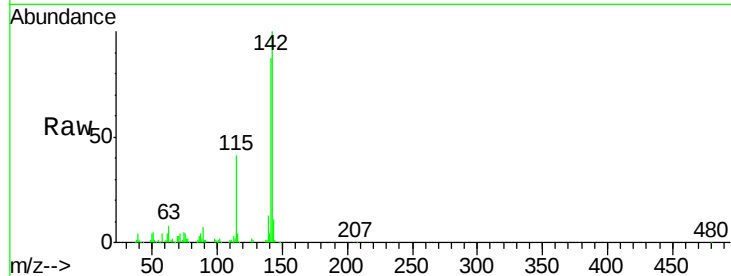
#37
 2-Methylnaphthalene
 Concen: 29.50 ng
 RT: 12.13 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	119600		
141	87.2	68.2	102.2	
115	41.4	35.6	53.4	

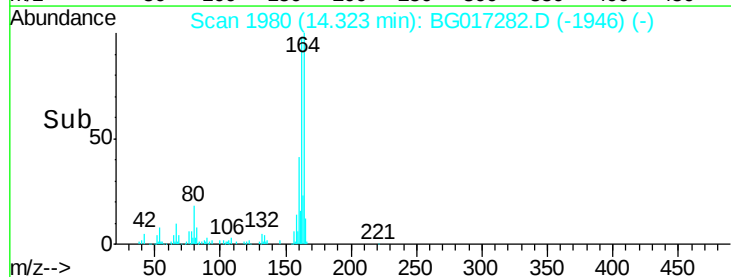
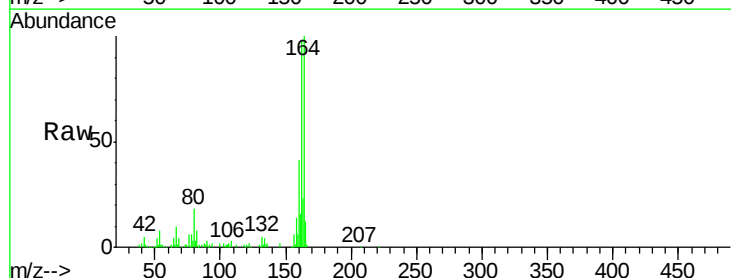
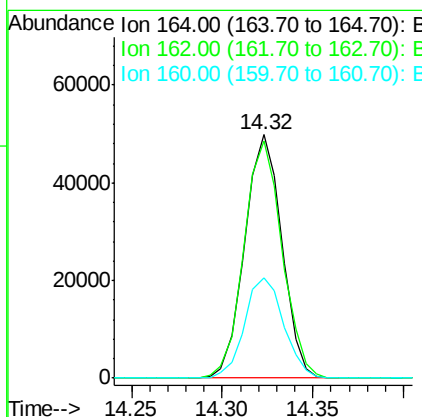
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70937		
162	97.5	82.1	123.1	
160	41.0	34.8	52.2	





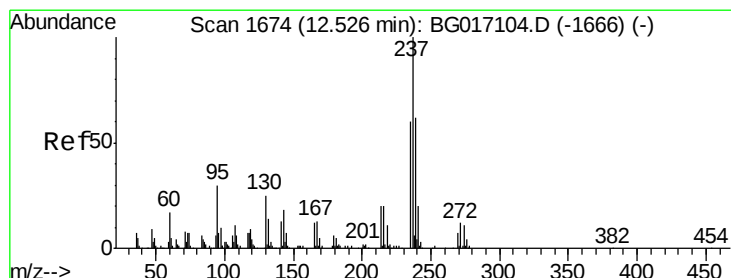
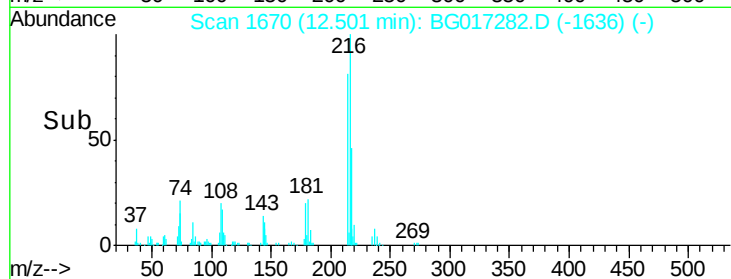
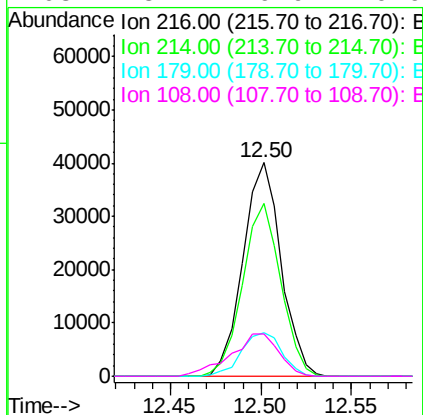
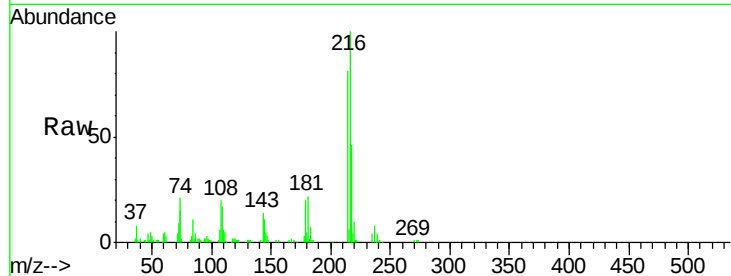
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.14 ng
 RT: 12.50 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.2	63.3	94.9
179	21.8	17.8	26.8
108	25.4	19.9	29.9

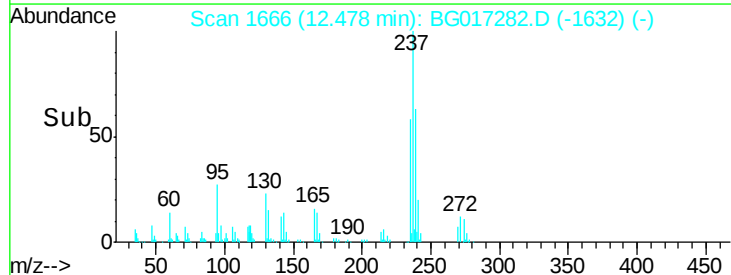
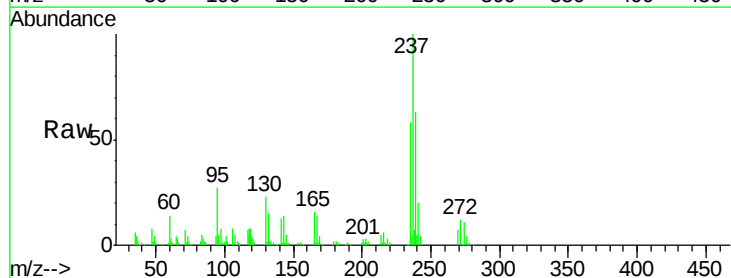
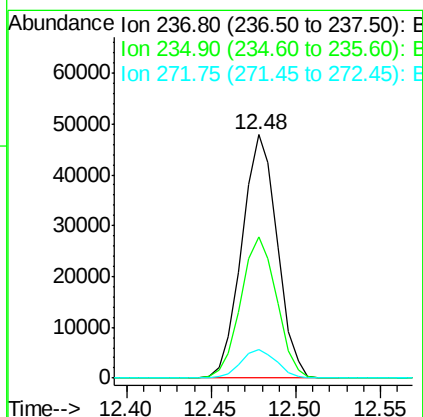
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#40
 Hexachlorocyclopentadiene
 Concen: 57.07 ng
 RT: 12.48 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.0	39.7	79.7
272	12.0	0.0	32.1





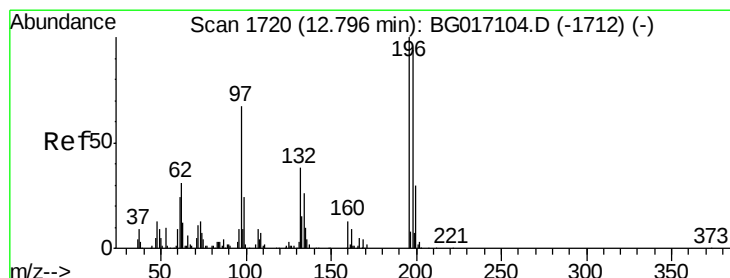
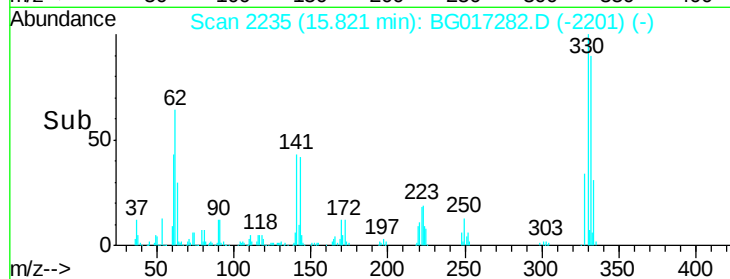
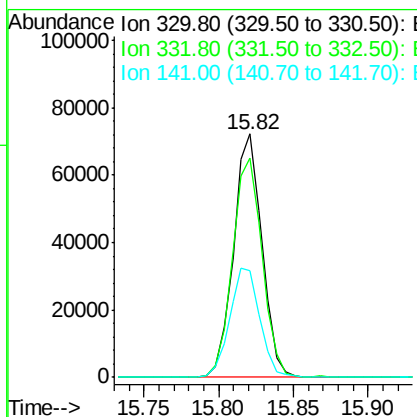
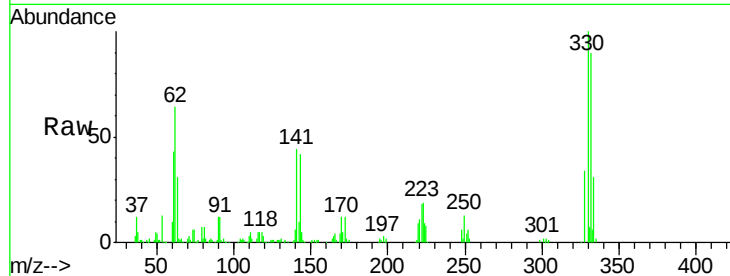
#41
 2,4,6-Tribromophenol
 Concen: 112.11 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	96138		
332	94.2	76.9	115.3	
141	47.7	42.2	63.2	

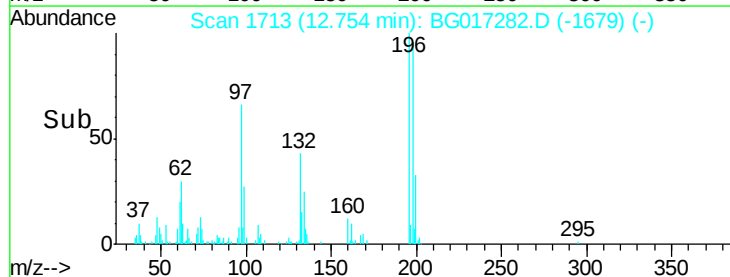
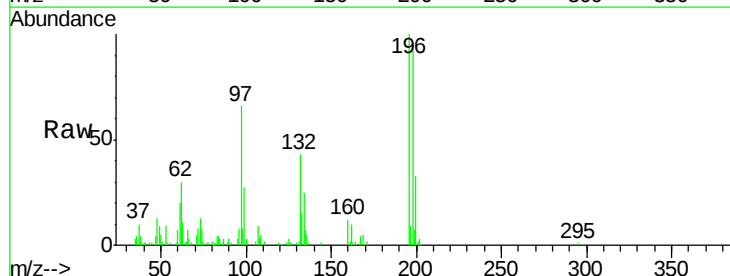
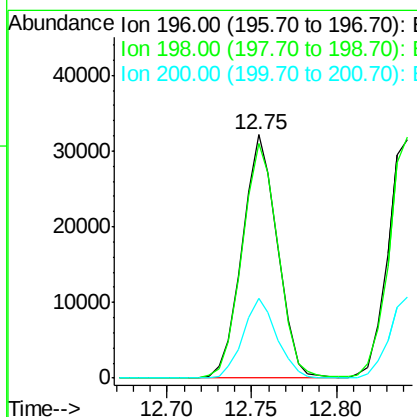
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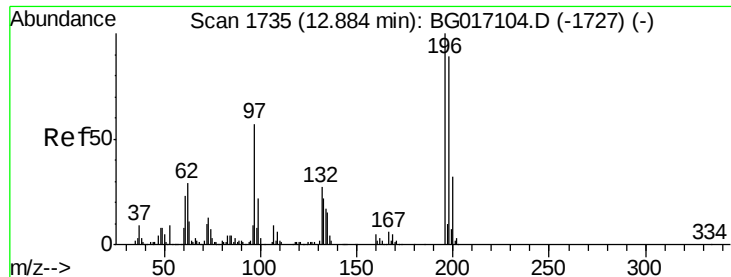
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#42
 2,4,6-Trichlorophenol
 Concen: 32.71 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	46569		
198	96.4	74.9	112.3	
200	32.6	24.2	36.2	





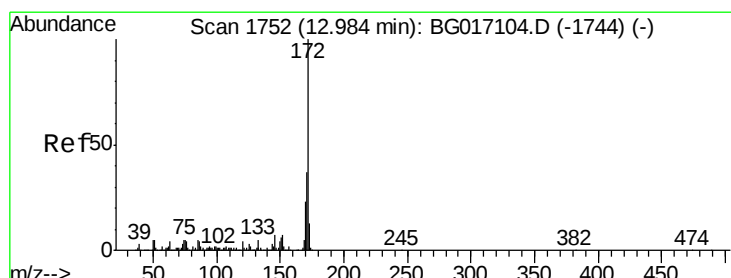
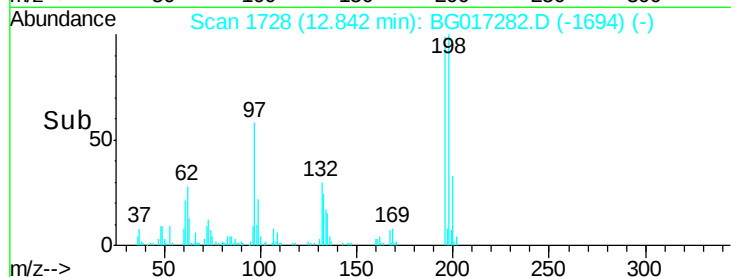
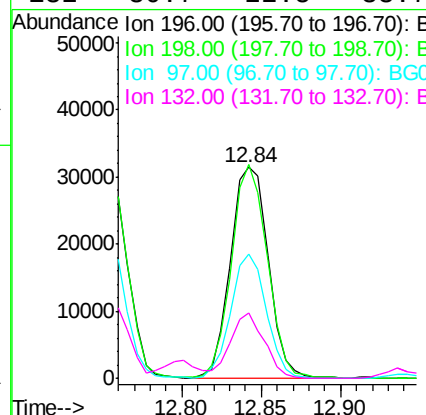
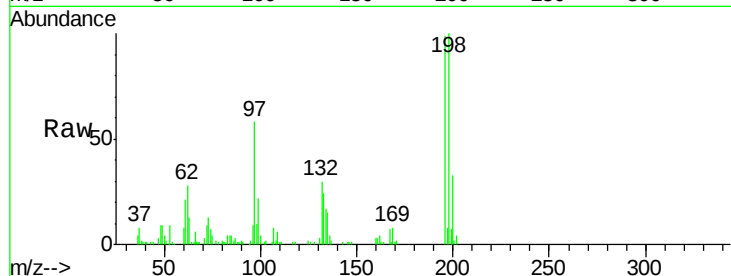
#43
2,4,5-Trichlorophenol
Concen: 35.43 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51969		
198	101.2	71.4	107.0	
97	58.6	45.4	68.0	
132	30.7	22.5	33.7	

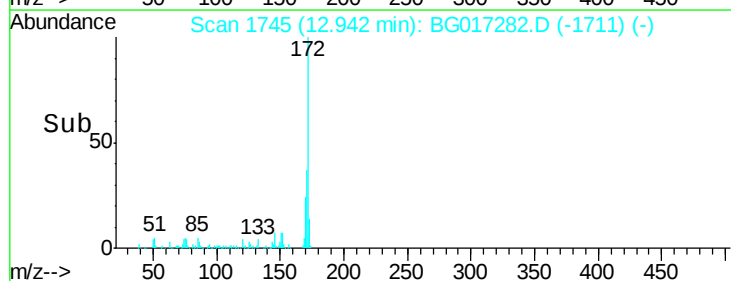
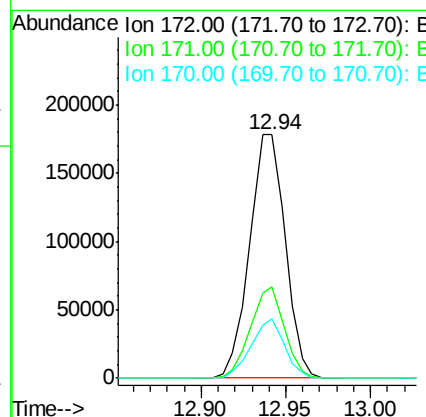
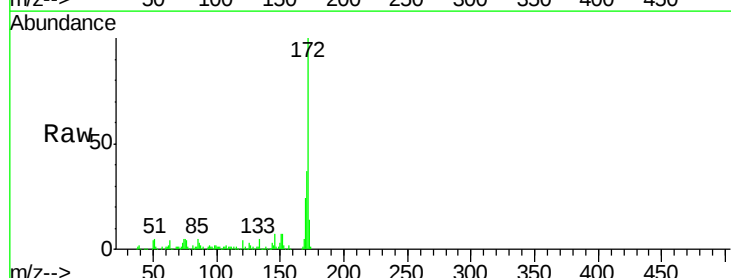
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#44
2-Fluorobiphenyl
Concen: 54.32 ng
RT: 12.94 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	262582		
171	37.4	29.7	44.5	
170	24.1	18.4	27.6	





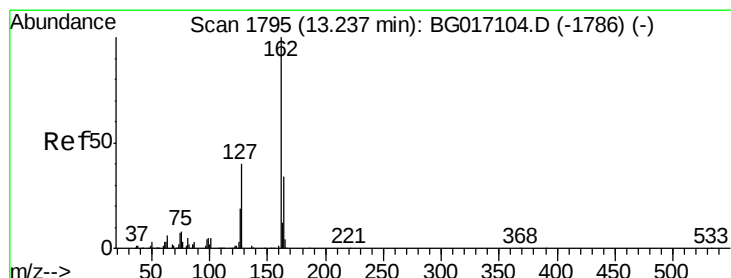
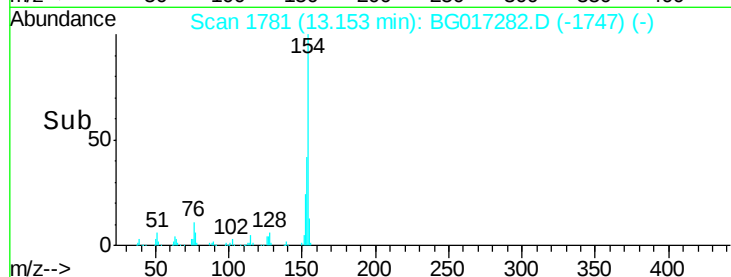
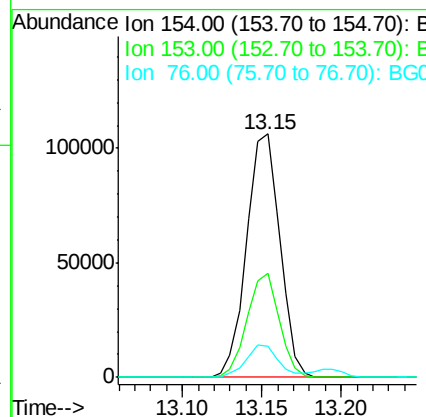
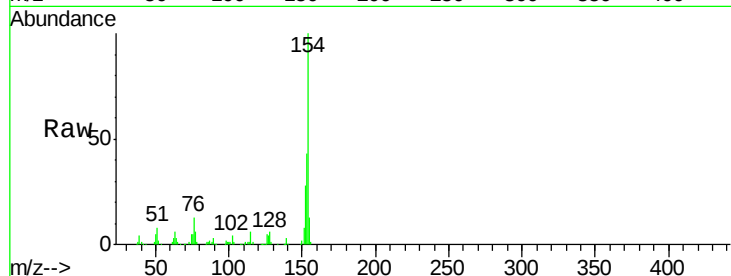
#45
 1,1'-Biphenyl
 Concen: 30.39 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	155291		
153	42.5	21.5	61.5	
76	12.8	0.0	31.9	

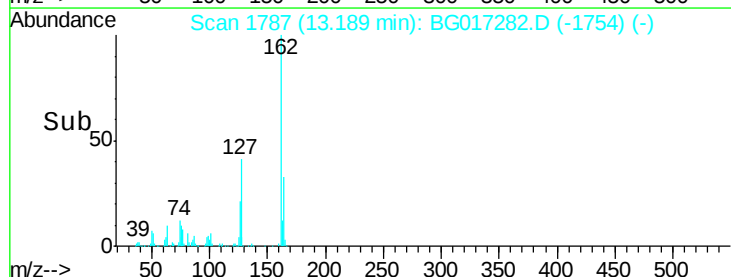
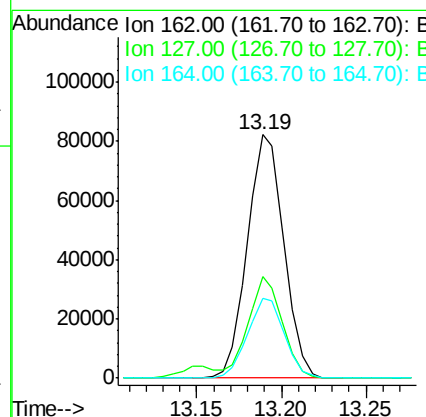
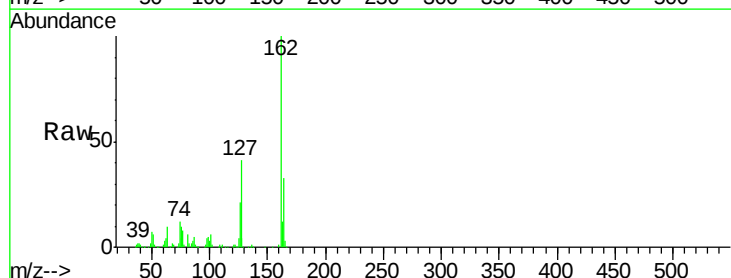
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#46
 2-Chloronaphthalene
 Concen: 30.55 ng
 RT: 13.19 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	123583		
127	41.5	33.5	50.3	
164	32.6	27.0	40.6	





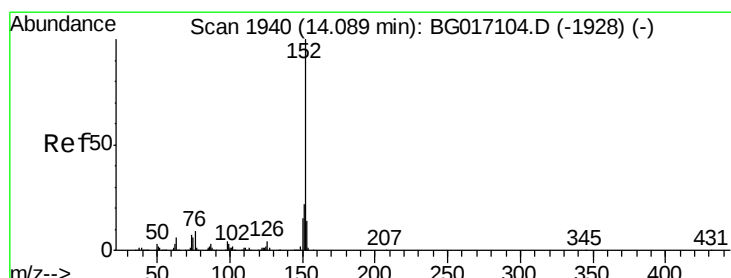
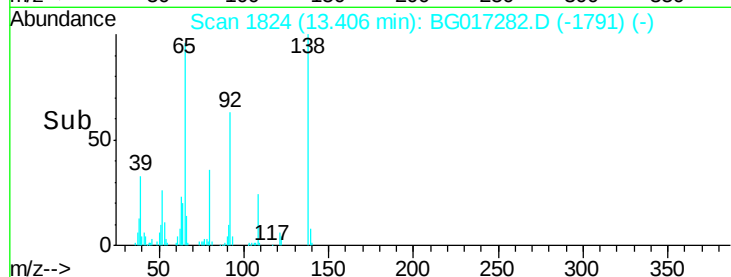
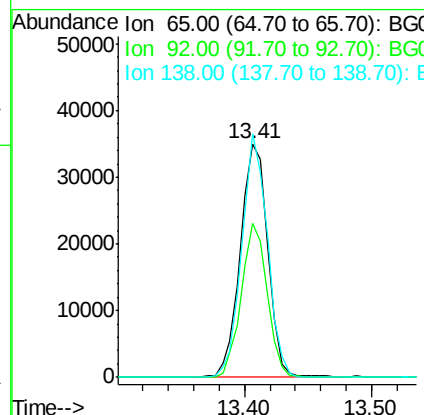
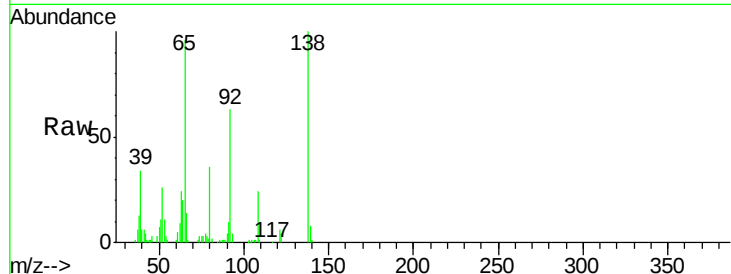
#47
2-Nitroaniline
Concen: 33.23 ng
RT: 13.41 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	51.0	76.4
138	104.2	79.3	118.9

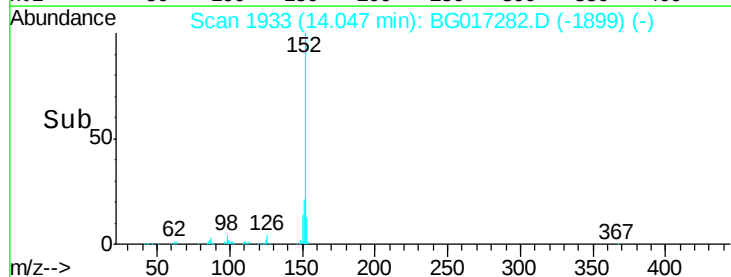
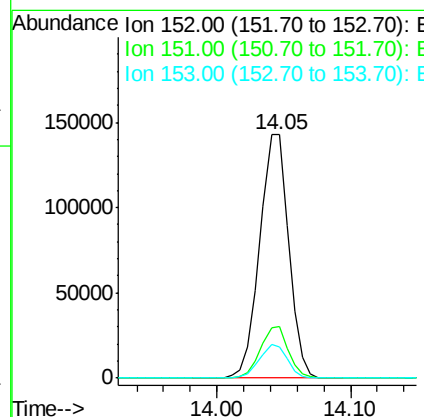
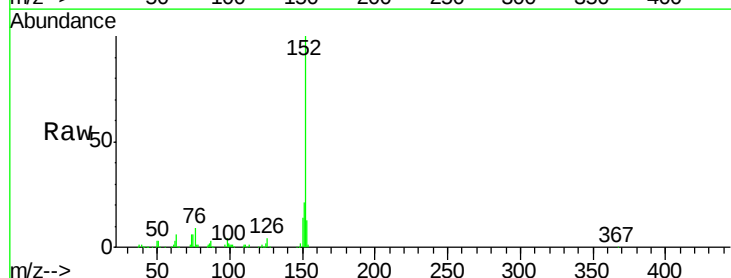
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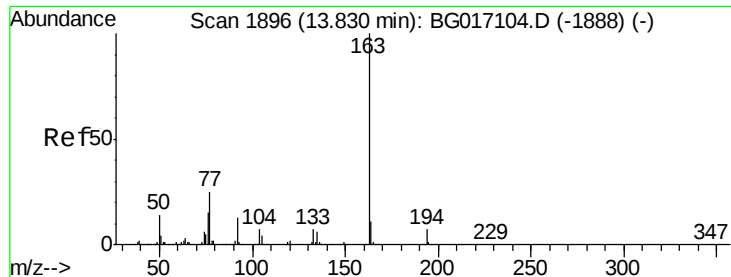
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#48
Acenaphthylene
Concen: 30.93 ng
RT: 14.05 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.0	10.8	16.2





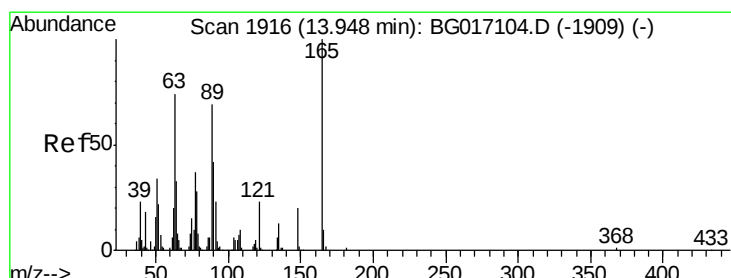
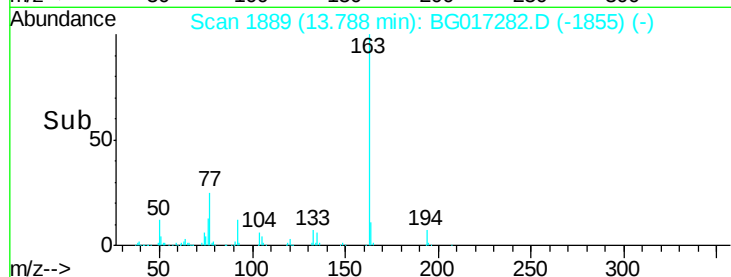
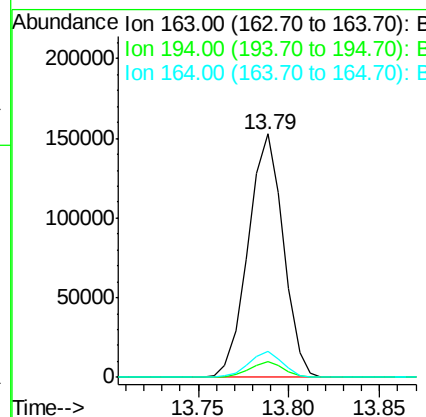
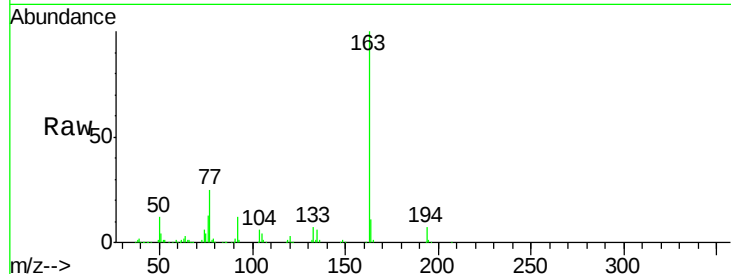
#49
Dimethylphthalate
Concen: 37.07 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.7	5.6	8.4
164	10.7	8.6	13.0

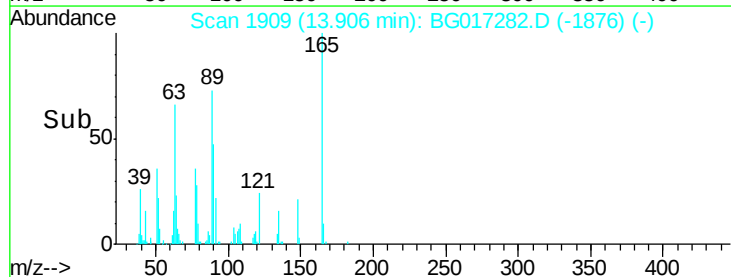
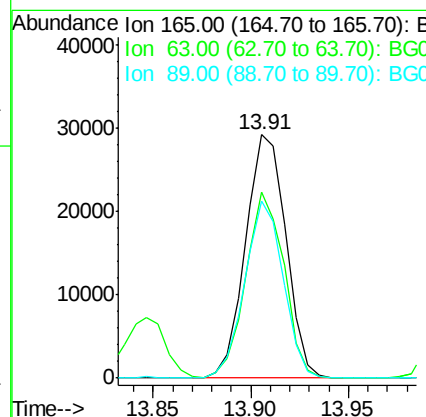
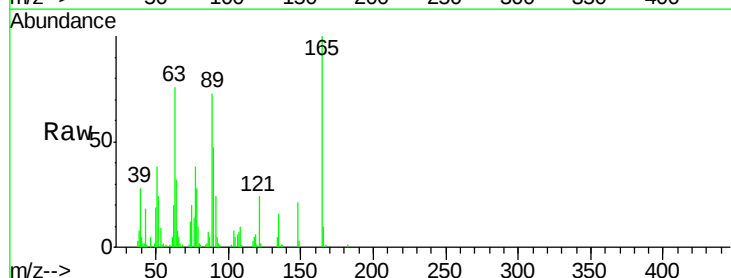
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#50
2,6-Dinitrotoluene
Concen: 33.95 ng
RT: 13.91 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	76.2	60.6	90.8
89	72.6	55.0	82.6





#51

Acenaphthene

Concen: 30.98 ng

RT: 14.39 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

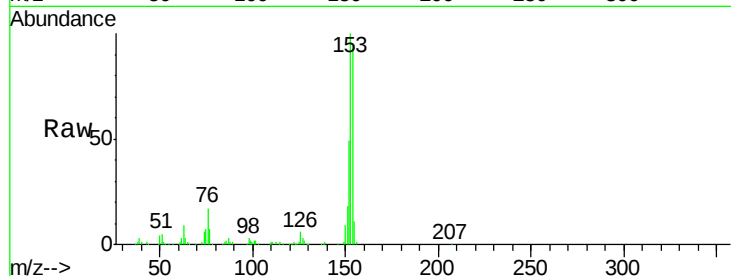
ClientSampleId :

HF-1(18-19)MSD

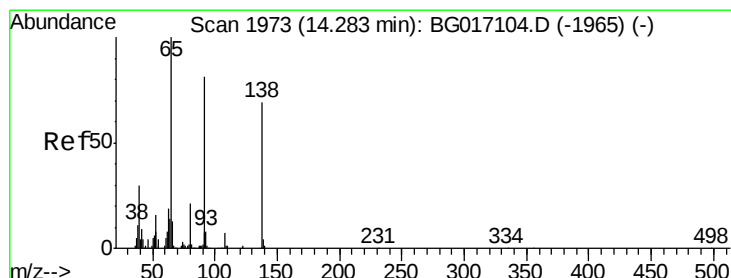
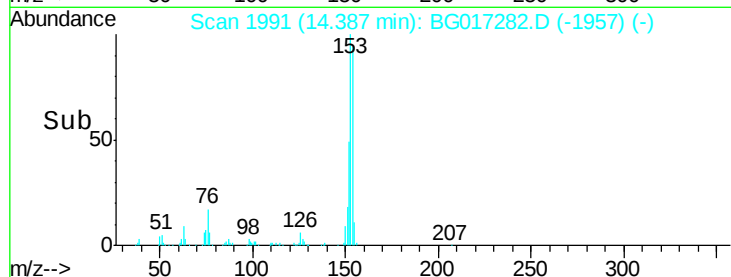
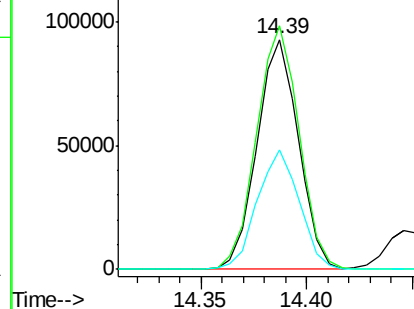
Tgt Ion:	154	Resp:	126784
Ion Ratio	Lower	Upper	
154	100		
153	105.8	86.2	129.4
152	52.0	41.5	62.3

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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: 30.72 ng

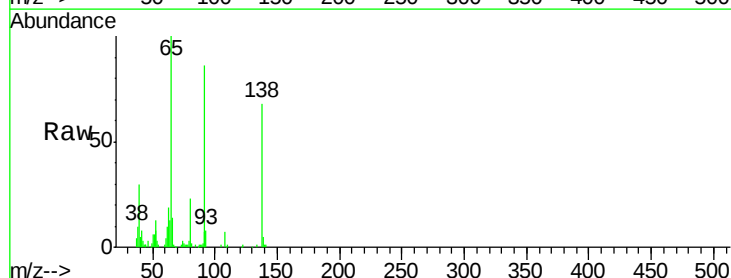
RT: 14.24 min Scan# 1966

Delta R.T. -0.01 min

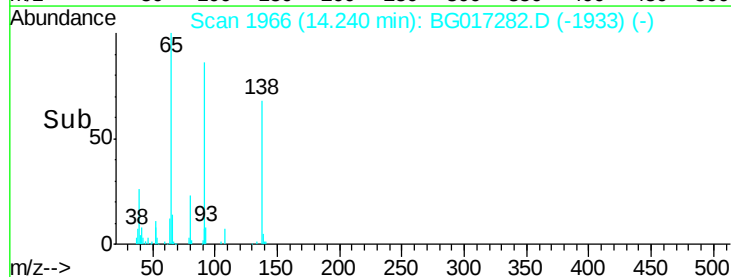
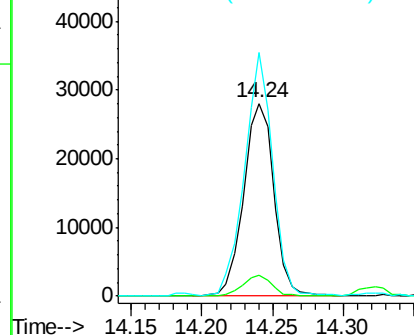
Lab File: BG017282.D

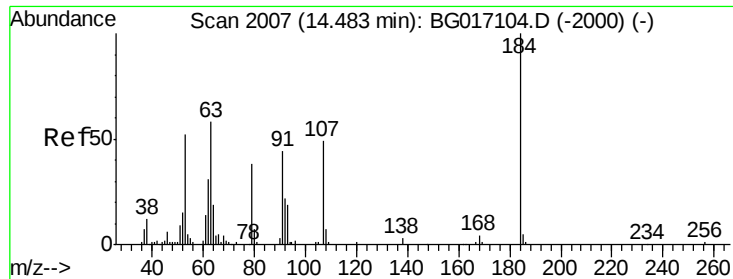
Acq: 26 May 2015 18:02

Tgt Ion:	138	Resp:	41896
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.6	11.4
92	126.5	93.6	140.4



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





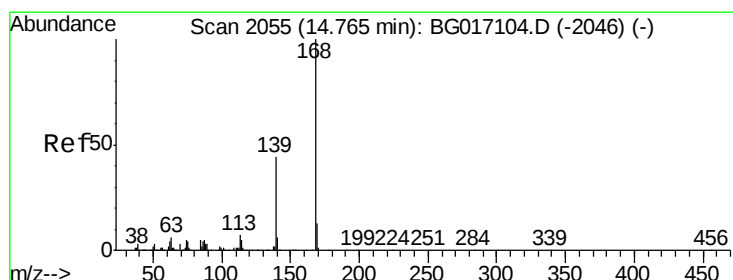
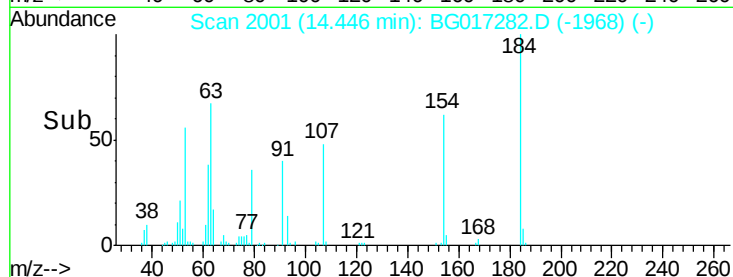
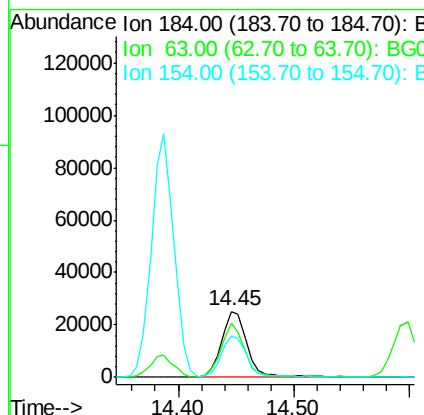
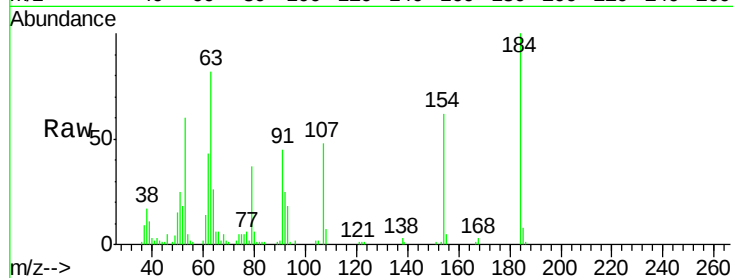
#53
2,4-Dinitrophenol
Concen: 54.30 ng
RT: 14.45 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	38748		
63	81.6	63.6	95.4	
154	61.9	47.8	71.6	

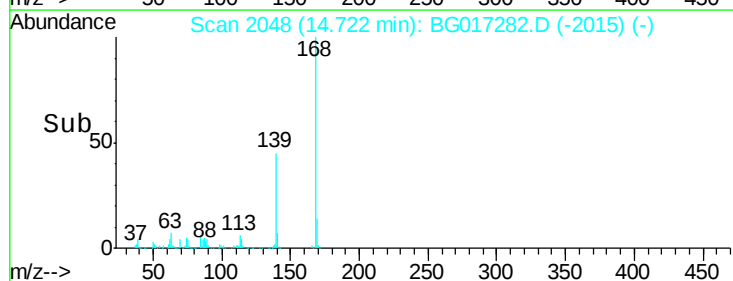
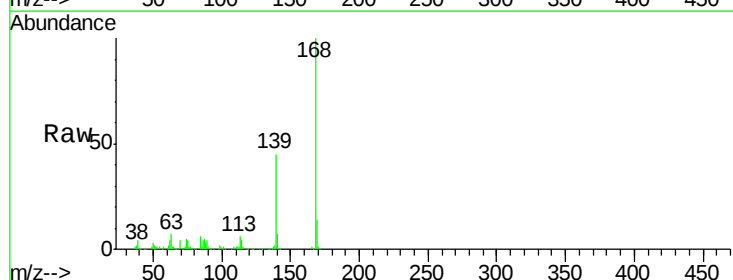
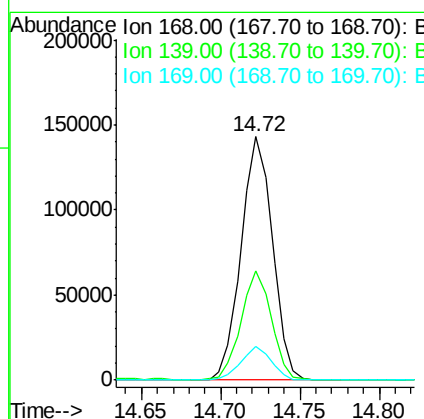
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#54
Dibenzofuran
Concen: 32.35 ng
RT: 14.72 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	196806		
139	45.0	34.9	52.3	
169	13.7	10.5	15.7	





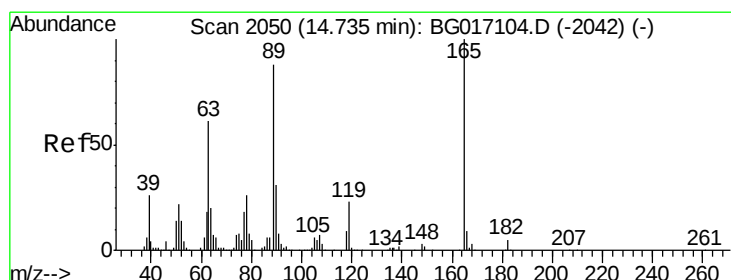
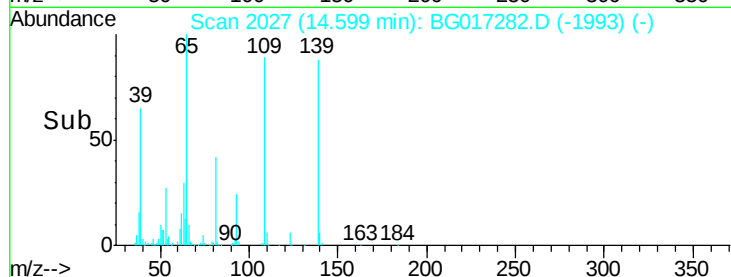
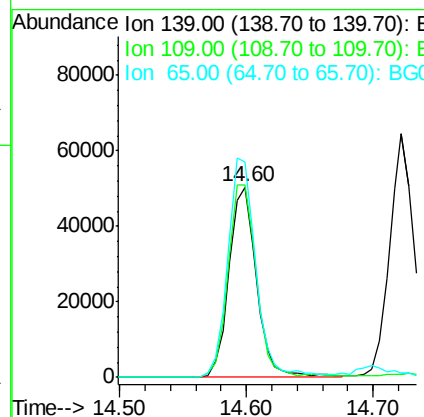
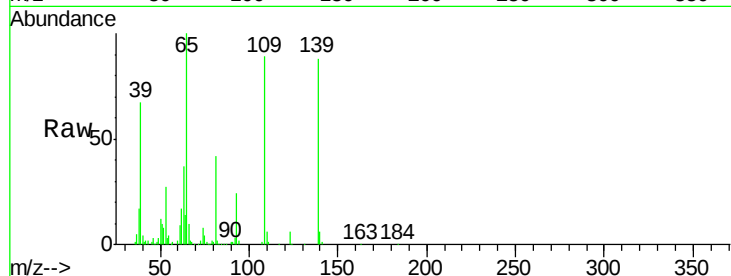
#55
4-Nitrophenol
Concen: 68.86 ng
RT: 14.60 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	75614		
109	100.8	90.5	130.5	
65	113.2	99.9	139.9	

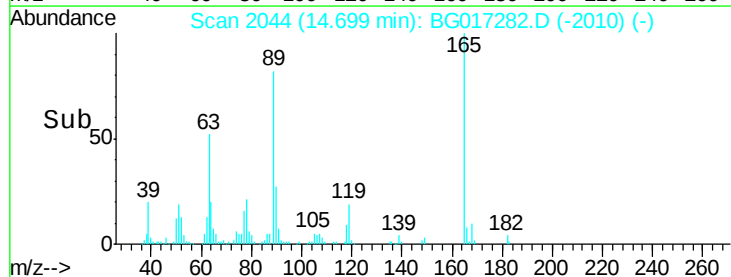
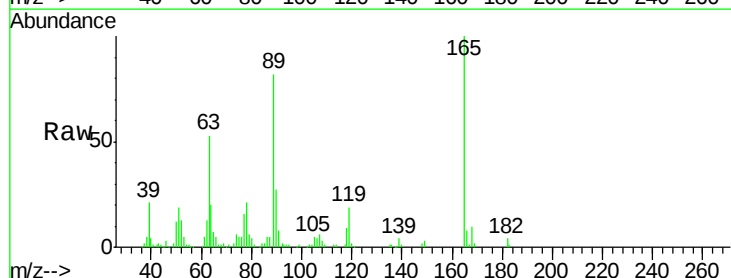
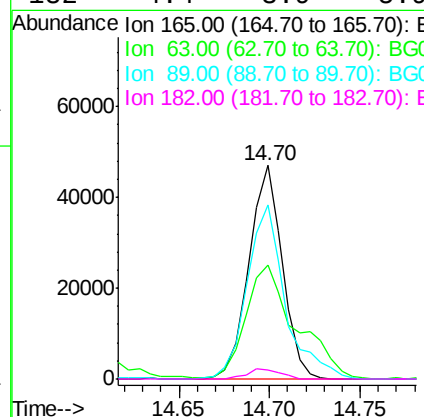
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#56
2,4-Dinitrotoluene
Concen: 35.10 ng
RT: 14.70 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60169		
63	53.2	49.0	73.4	
89	81.8	70.1	105.1	
182	4.4	3.9	5.9	





#57

Fluorene

Concen: 32.65 ng

RT: 15.37 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

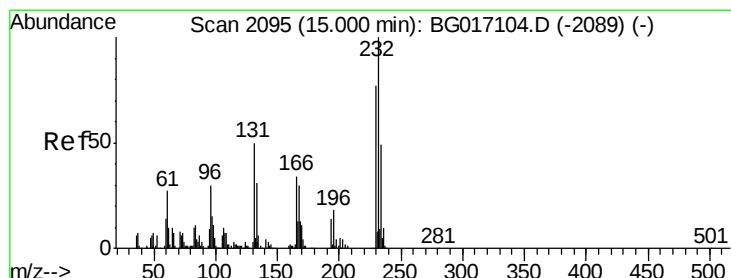
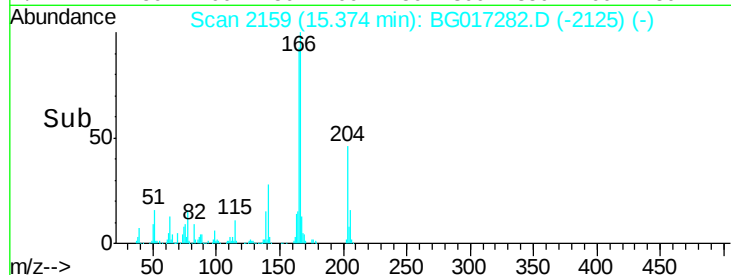
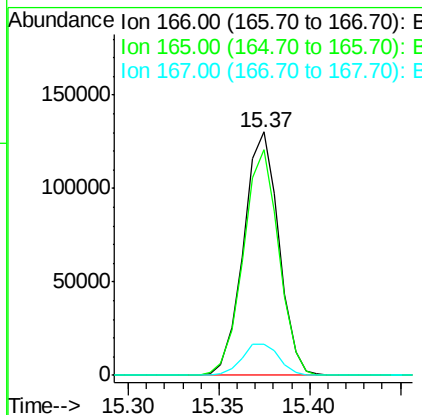
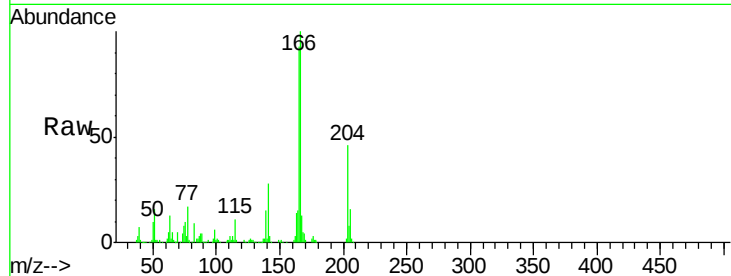
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	166	Resp:	175849
Ion Ratio	Lower	Upper	
166	100		
165	92.7	74.2	111.4
167	12.6	9.8	14.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.84 ng

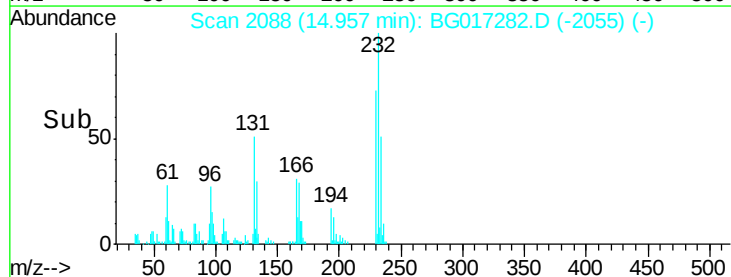
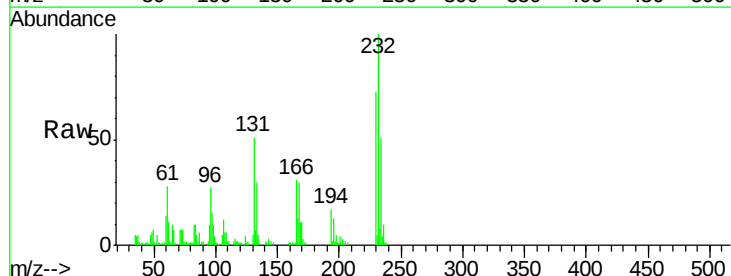
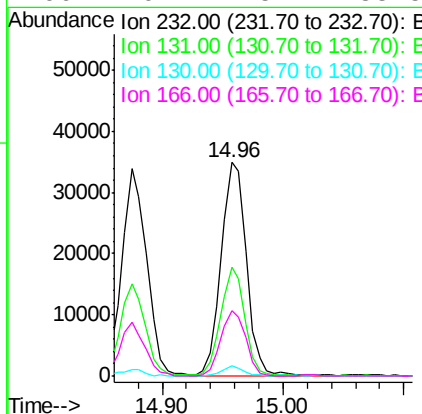
RT: 14.96 min Scan# 2088

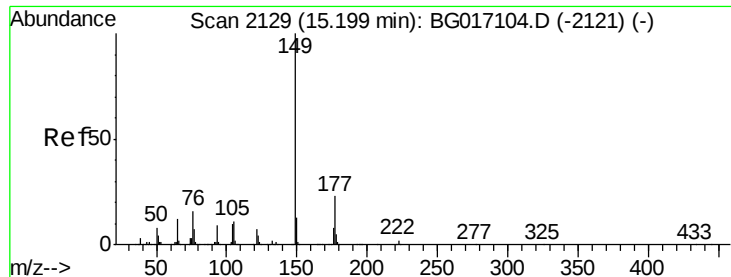
Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	232	Resp:	50943
Ion Ratio	Lower	Upper	
232	100		
131	48.5	42.7	64.1
130	4.1	3.0	4.4
166	29.7	25.7	38.5





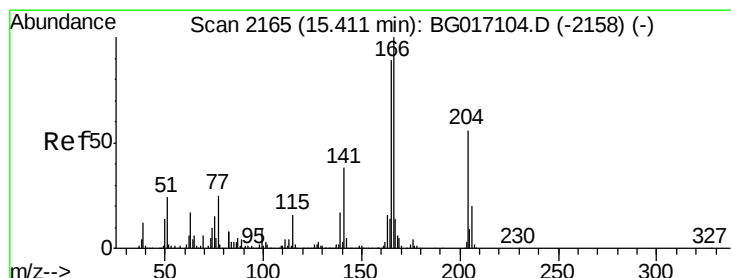
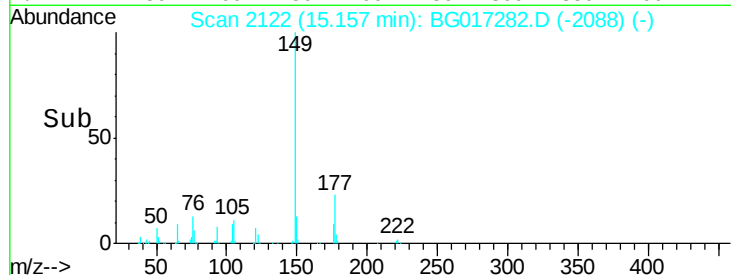
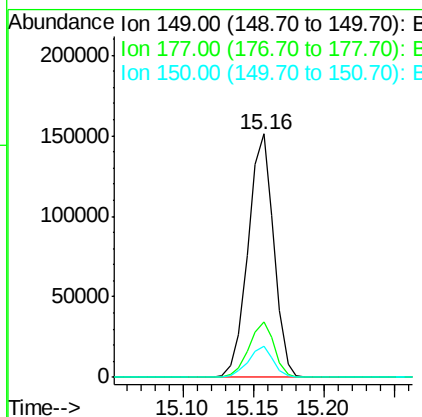
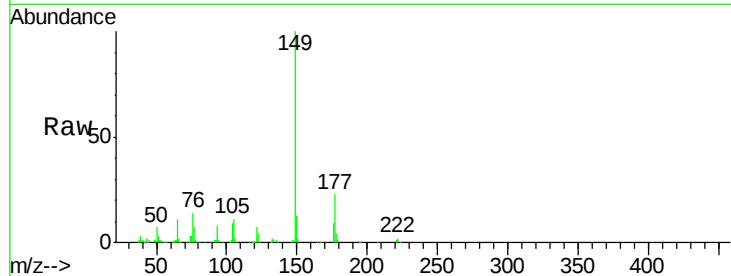
#59
Diethylphthalate
Concen: 32.37 ng
RT: 15.16 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	192861		
177	22.8	18.3	27.5	
150	12.9	10.4	15.6	

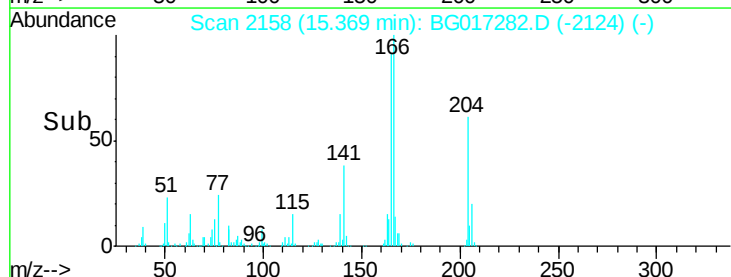
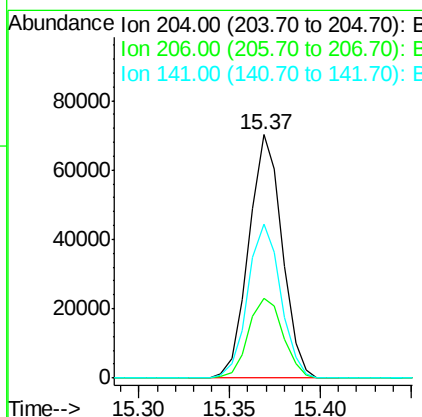
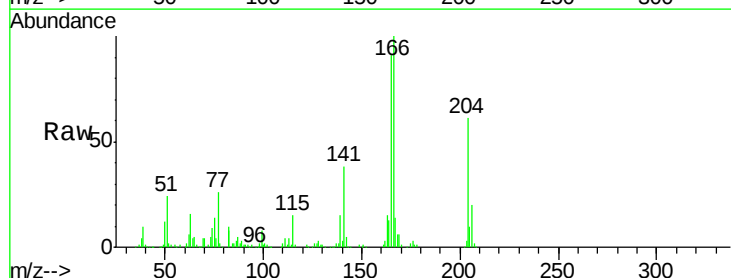
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#60
4-Chlorophenyl-phenylether
Concen: 32.38 ng
RT: 15.37 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	89567		
206	32.8	28.6	42.8	
141	63.3	54.2	81.2	





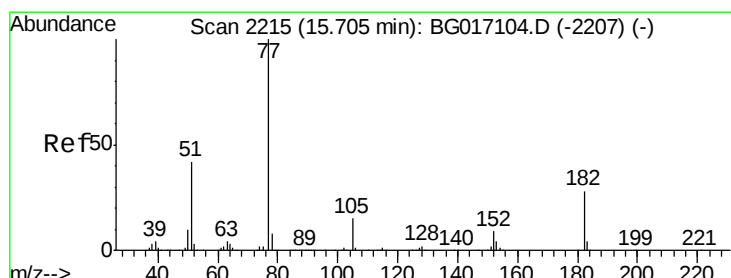
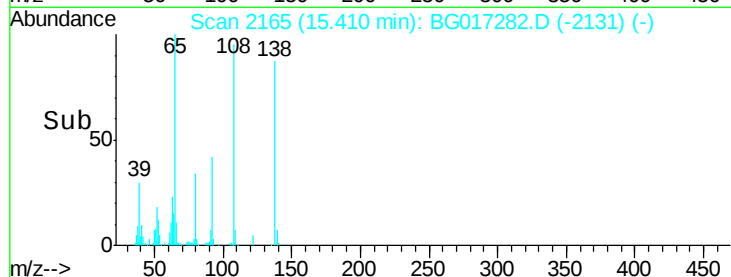
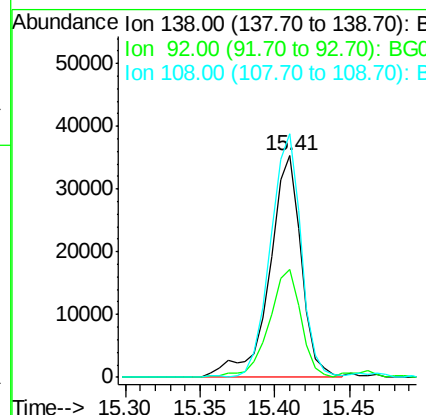
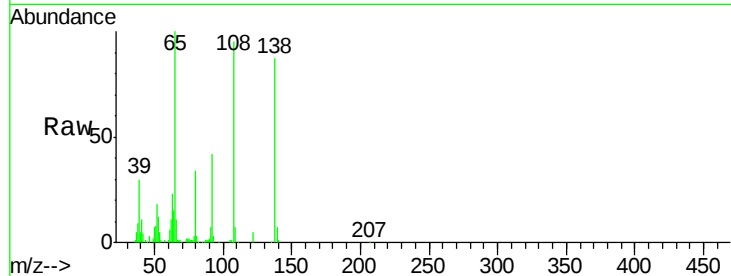
#61
4-Nitroaniline
Concen: 34.41 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	34.9	74.9
108	109.8	95.8	135.8

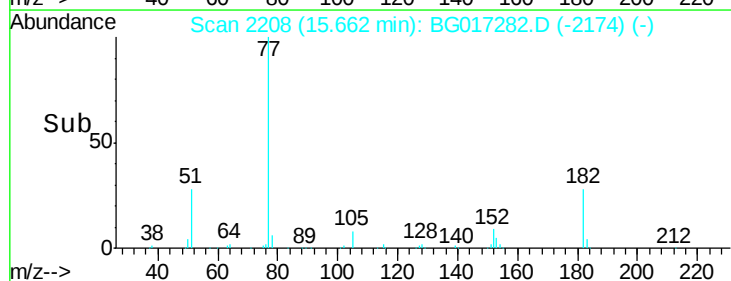
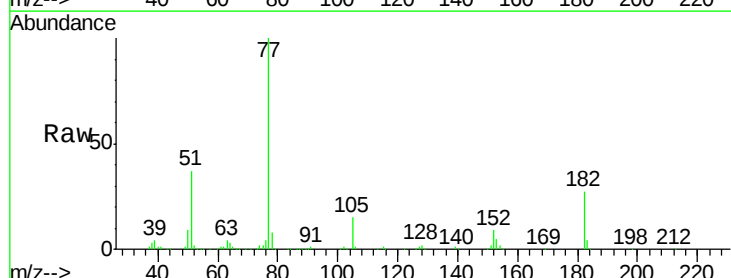
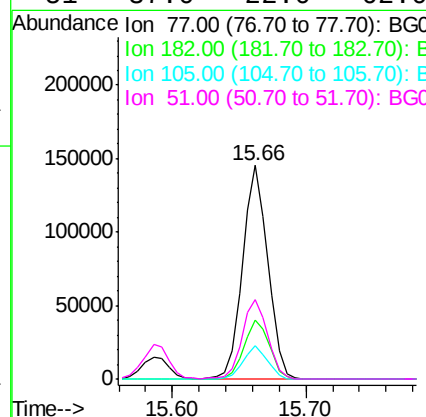
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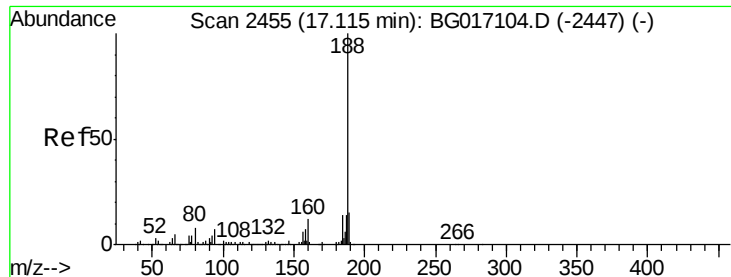
apatel
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#62
Azobenzene
Concen: 33.29 ng
RT: 15.66 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.1	48.1
105	15.5	0.0	34.8
51	37.0	22.0	62.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

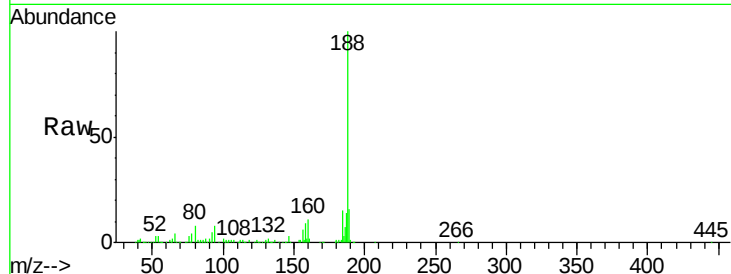
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	188	Resp:	172449
Ion Ratio	Lower	Upper	
188	100		
94	8.4	5.8	8.6
80	7.7	6.5	9.7

Manual Integrations
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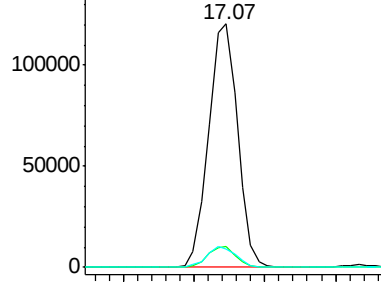
apatel
5/27/2015 2:58:02 PM



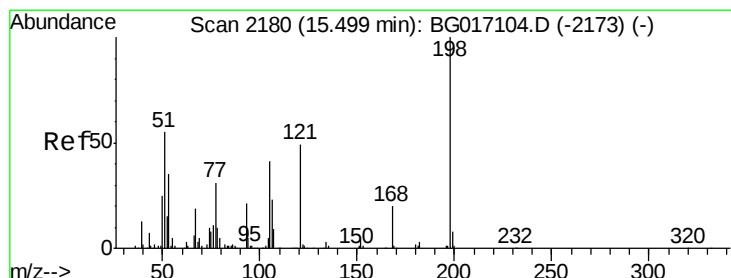
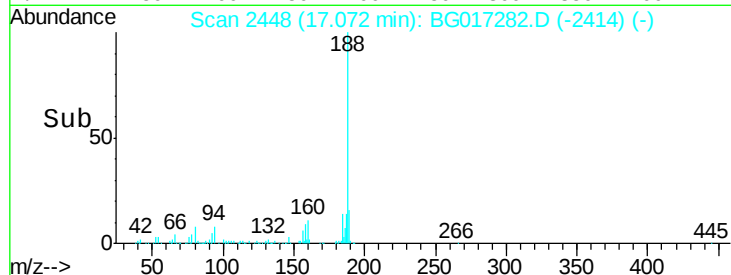
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 30.67 ng

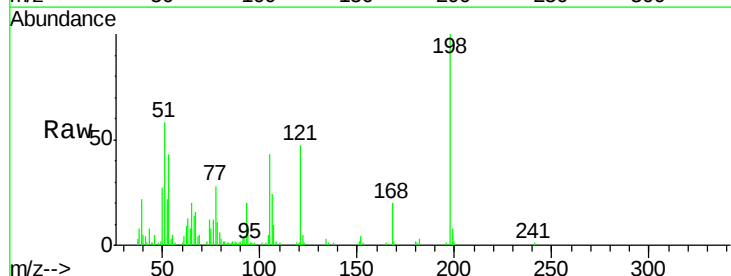
RT: 15.46 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

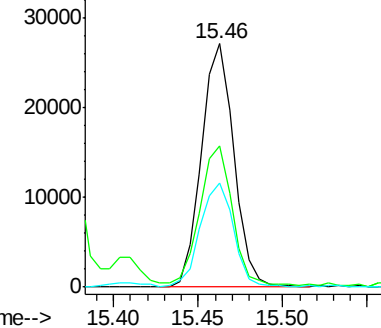
Tgt Ion:	198	Resp:	36247
Ion Ratio	Lower	Upper	
198	100		
51	58.2	39.9	79.9
105	42.5	22.0	62.0



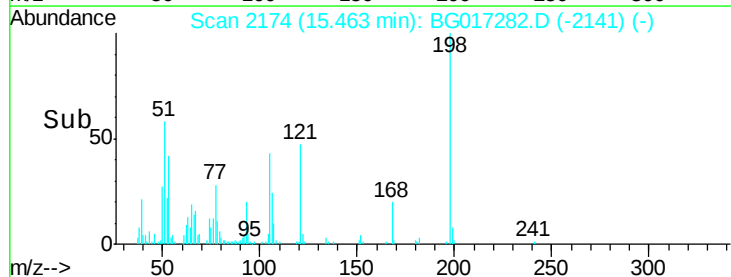
Abundance Ion 198.00 (197.70 to 198.70): E

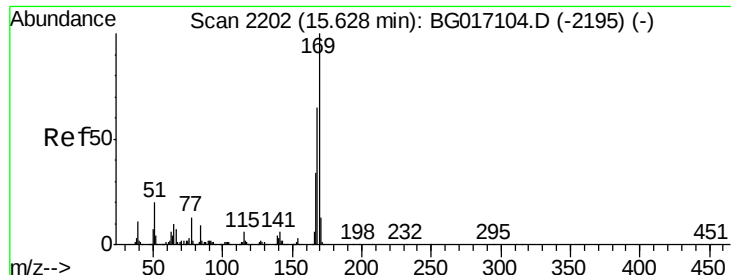
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 30.09 ng

RT: 15.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

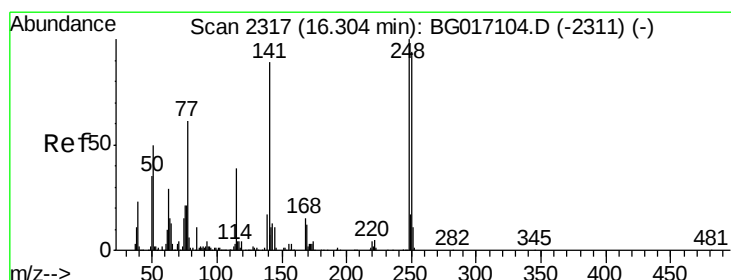
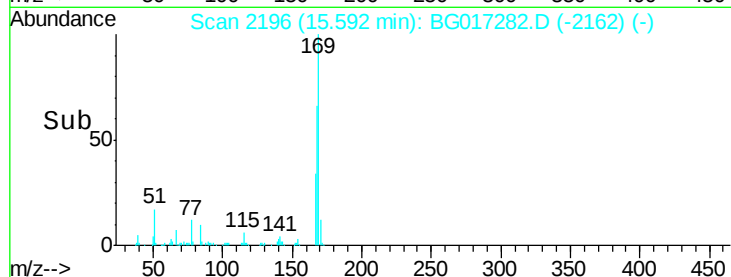
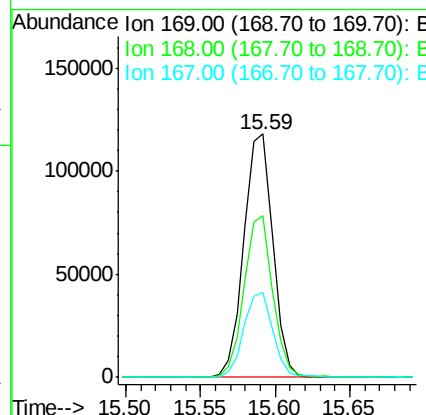
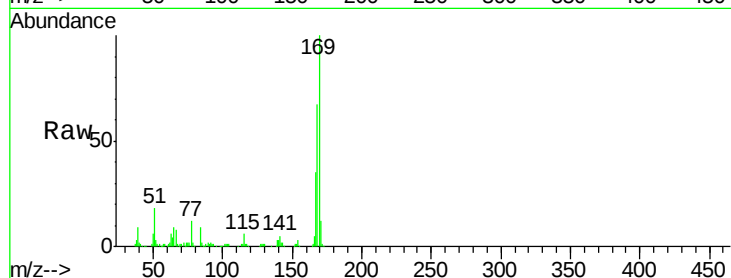
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	169	Resp:	159296
Ion Ratio	Lower	Upper	
169	100		
168	66.6	51.7	77.5
167	34.9	27.4	41.0

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#66

4-Bromophenyl-phenylether

Concen: 30.61 ng

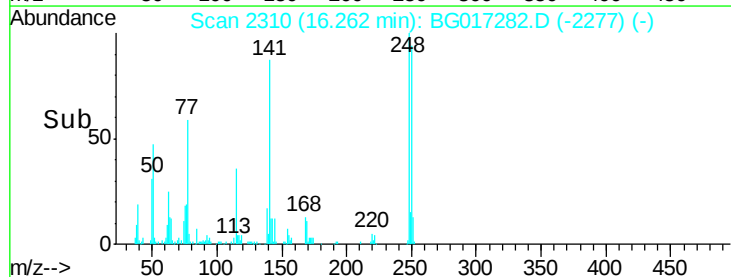
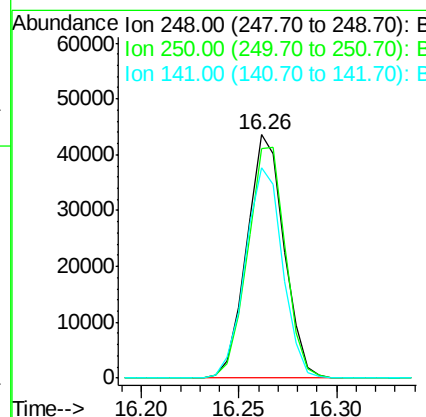
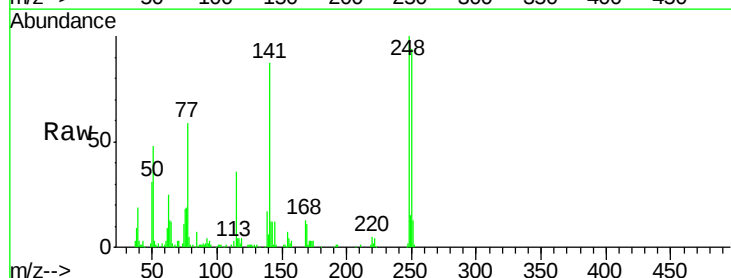
RT: 16.26 min Scan# 2310

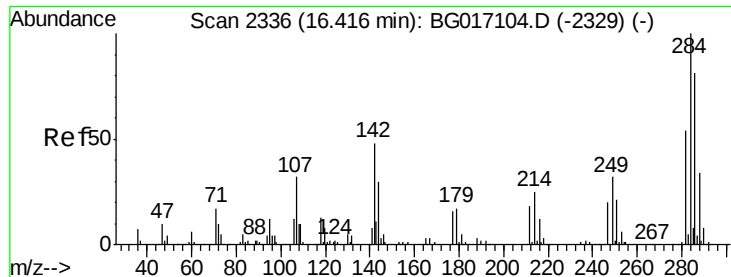
Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	248	Resp:	57567
Ion Ratio	Lower	Upper	
248	100		
250	94.2	75.0	112.4
141	86.6	71.3	106.9





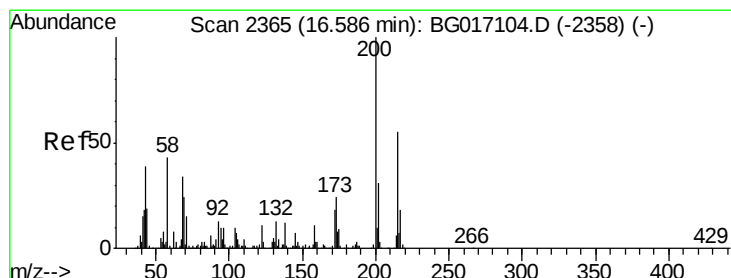
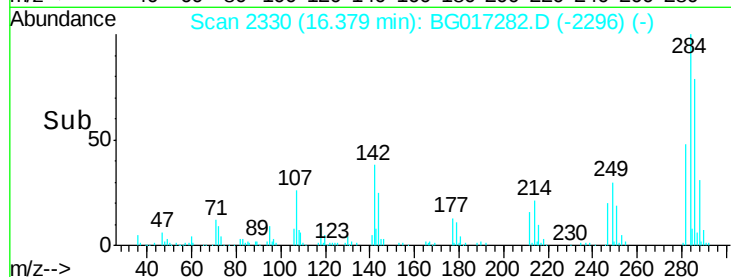
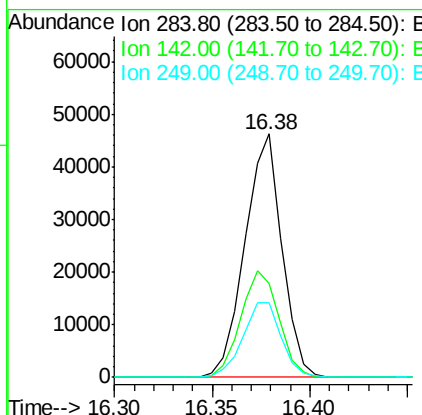
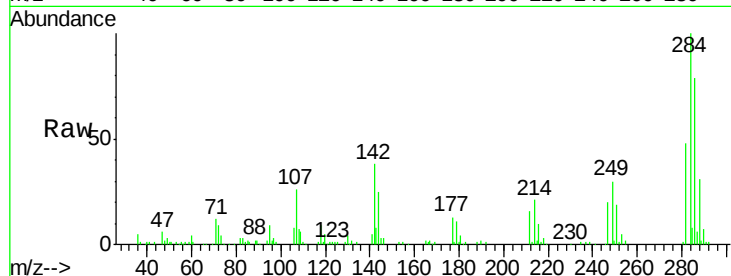
#67
Hexachlorobenzene
Concen: 30.49 ng
RT: 16.38 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	38.4	38.2	57.2
249	32.0	25.2	37.8

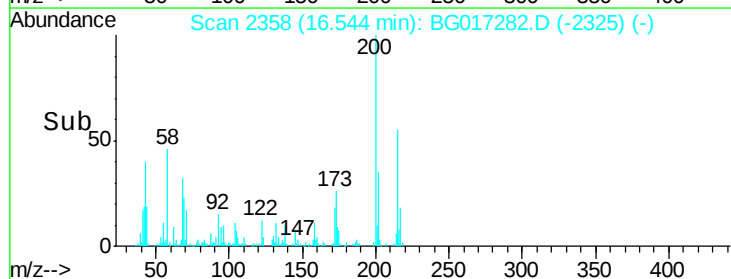
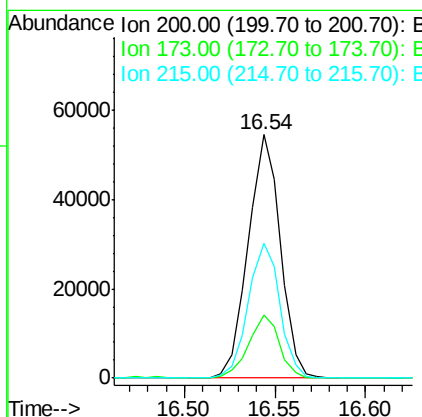
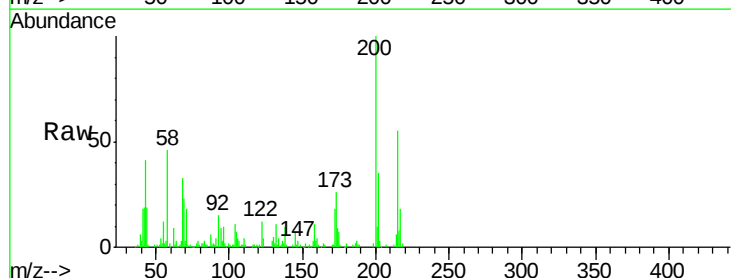
Manual Integrations
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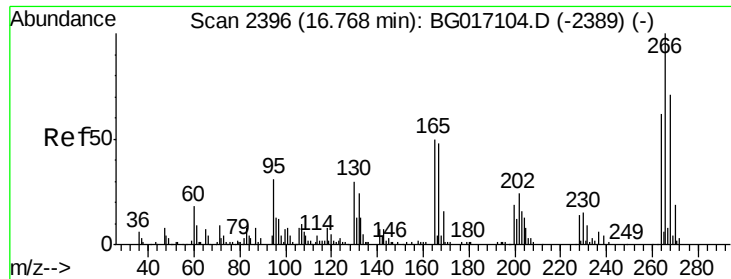
apatel
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#68
Atrazine
Concen: 34.66 ng
RT: 16.54 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	3.7	43.7
215	55.2	35.5	75.5





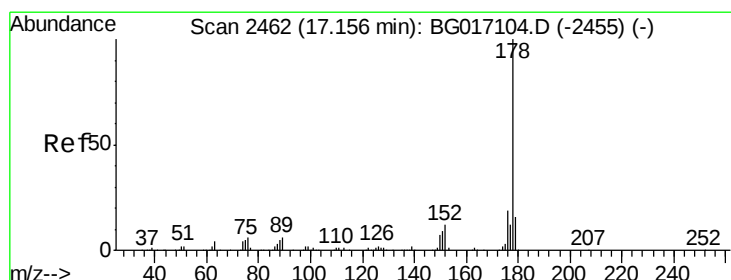
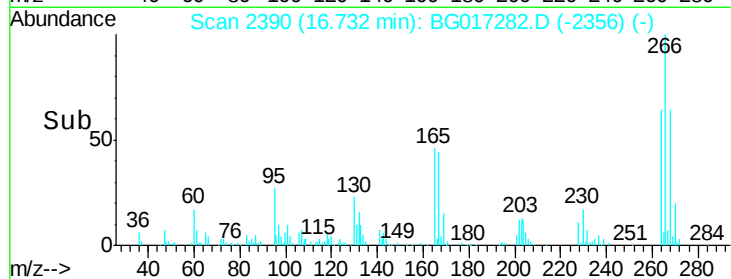
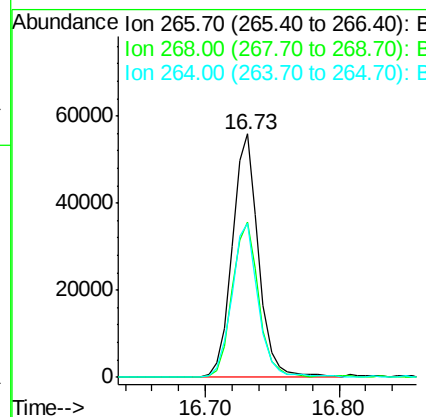
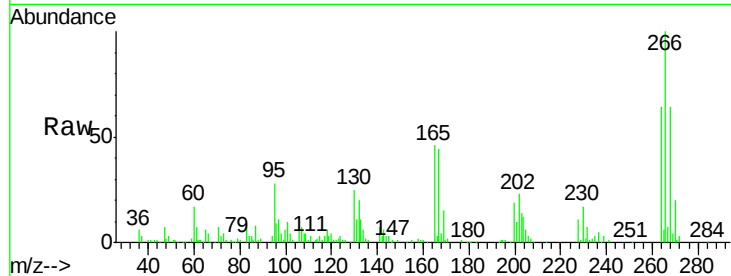
#69
 Pentachlorophenol
 Concen: 62.25 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	77122		
268	63.7	56.6	84.8	
264	63.5	49.4	74.0	

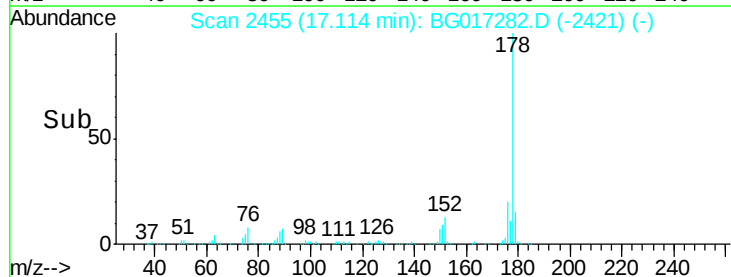
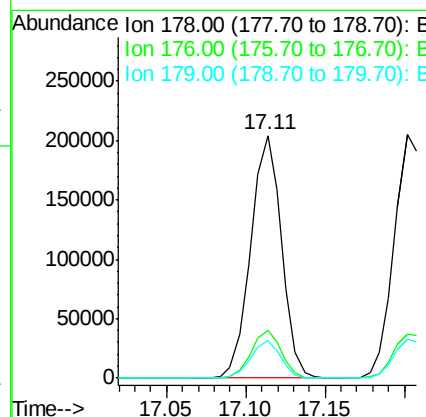
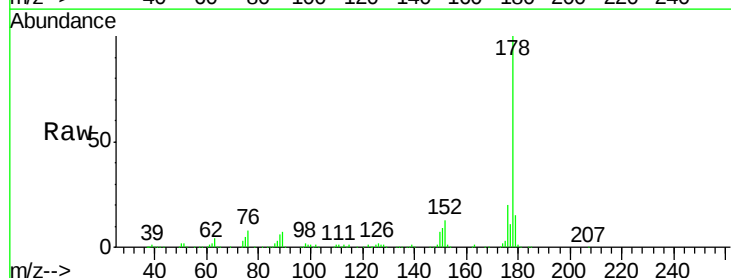
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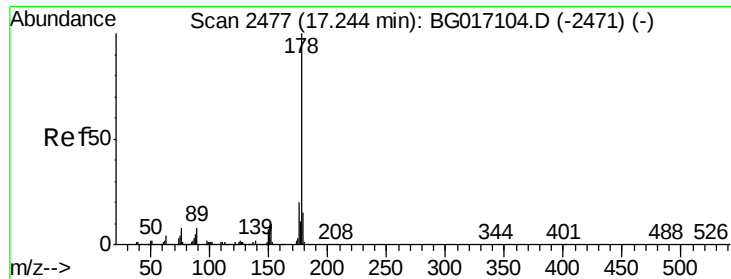
apatel
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#70
 Phenanthrene
 Concen: 30.93 ng
 RT: 17.11 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	275083		
176	19.7	15.4	23.2	
179	15.3	12.5	18.7	





#71

Anthracene

Concen: 31.11 ng

RT: 17.20 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

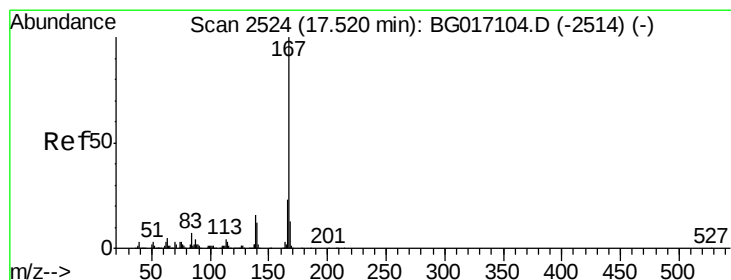
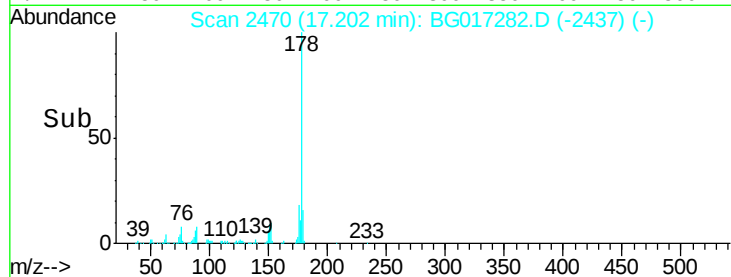
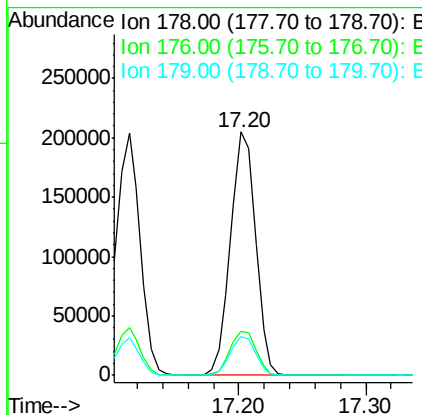
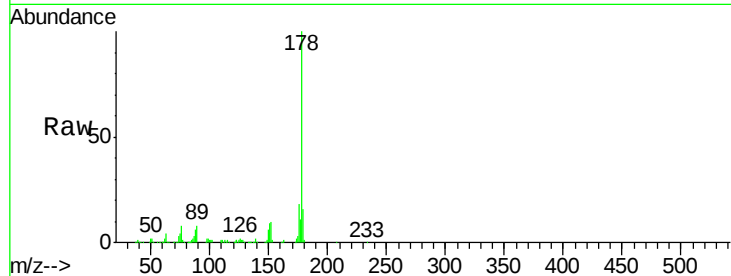
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	178	Resp:	280409
Ion Ratio		Lower	Upper
178	100		
176	18.1	16.3	24.5
179	16.1	12.1	18.1

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#72

Carbazole

Concen: 34.20 ng

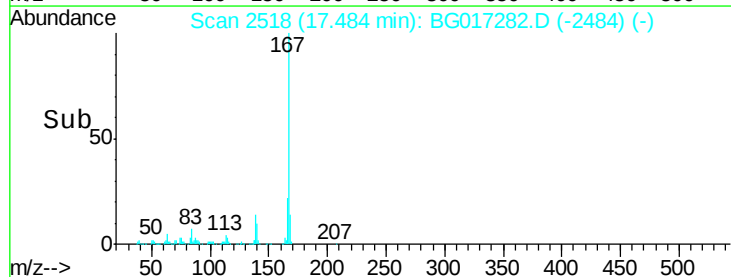
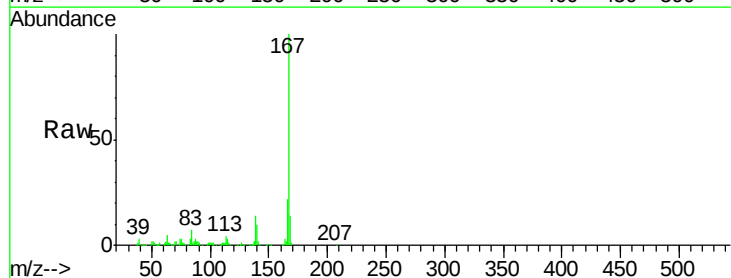
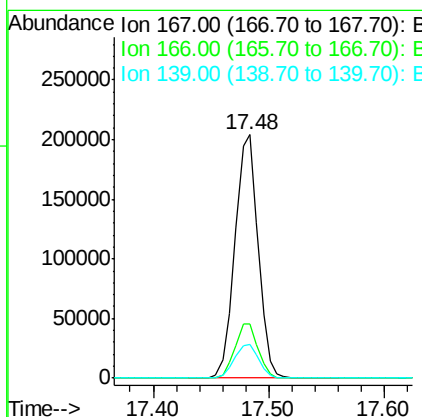
RT: 17.48 min Scan# 2518

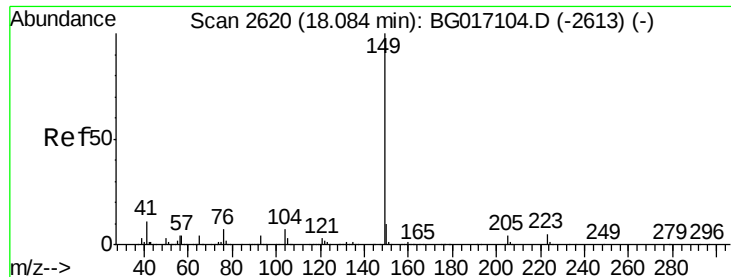
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	167	Resp:	283257
Ion Ratio		Lower	Upper
167	100		
166	22.4	18.4	27.6
139	13.6	13.0	19.4





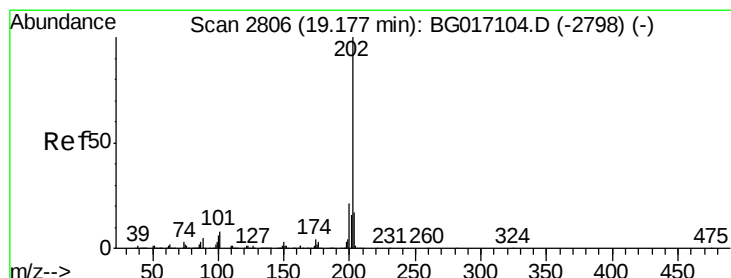
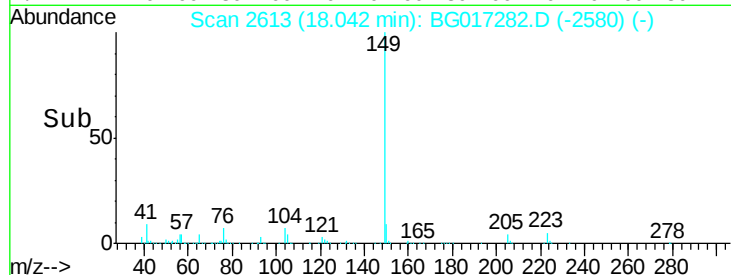
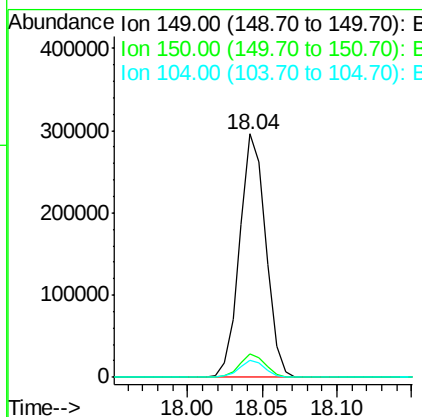
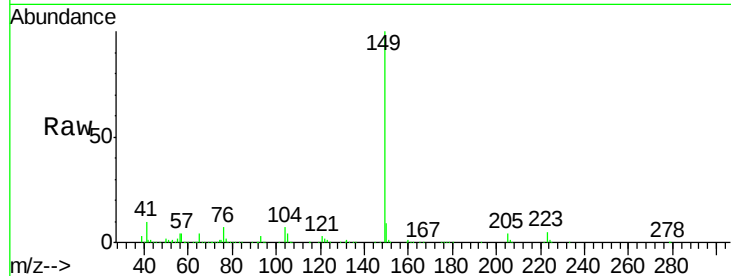
#73
Di-n-butylphthalate
Concen: 32.50 ng
RT: 18.04 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.4	8.2	12.4
104	7.2	5.7	8.5

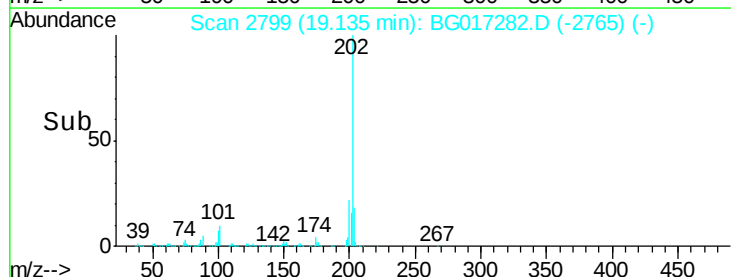
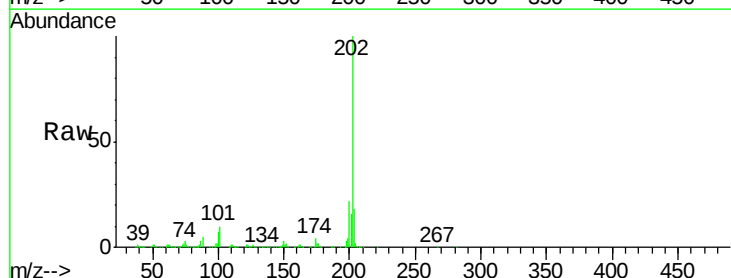
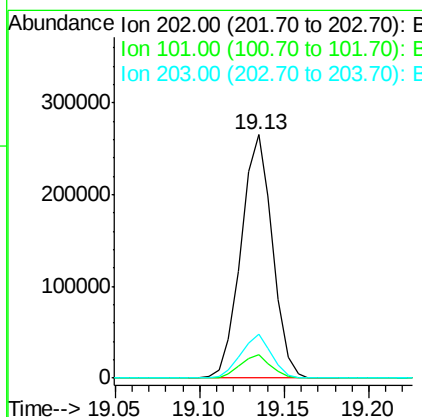
Manual Integrations
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#74
Fluoranthene
Concen: 32.16 ng
RT: 19.13 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	0.0	28.3
203	18.2	0.0	37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

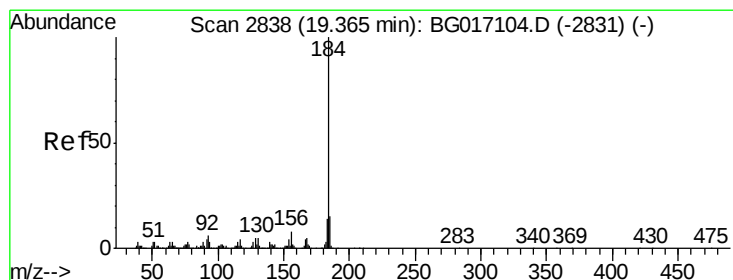
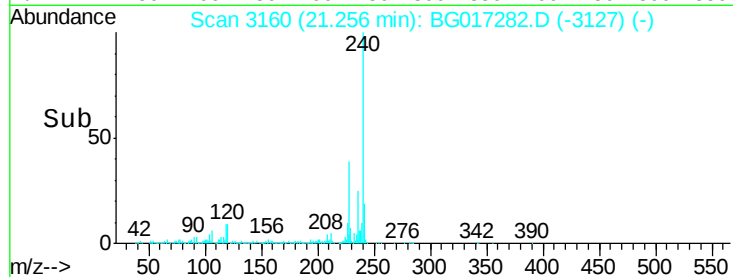
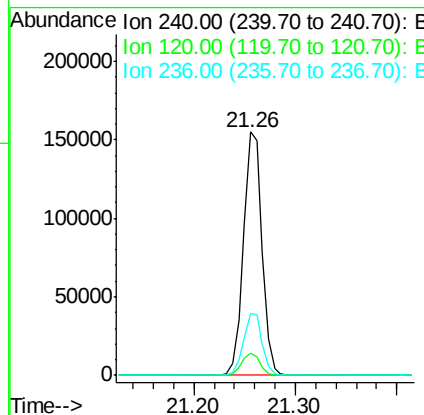
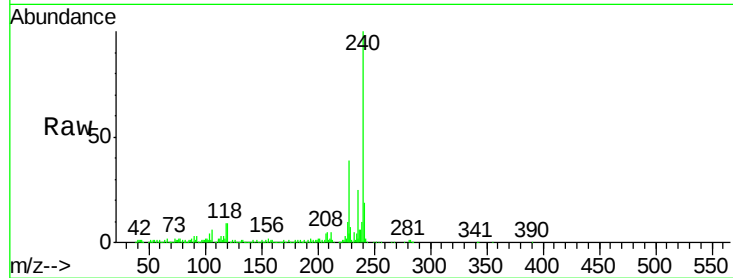
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	195949		
120	9.2	6.0	9.0#	
236	25.4	20.5	30.7	

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#76

Benzidine

Concen: 15.38 ng

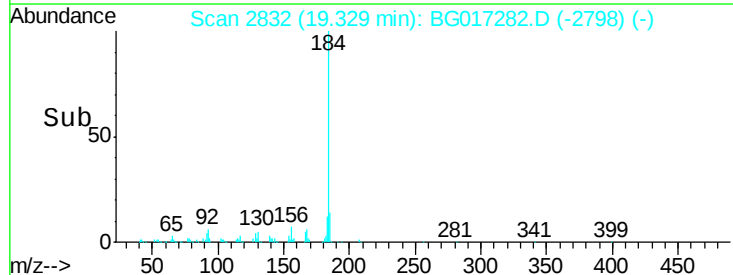
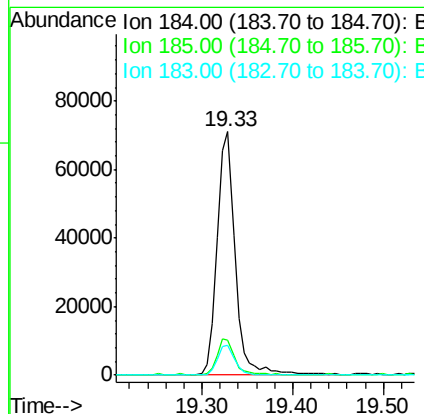
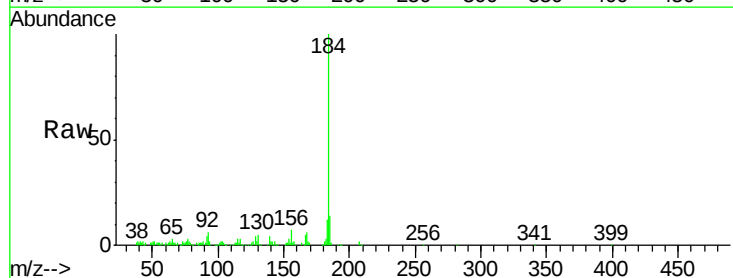
RT: 19.33 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	98370		
185	14.4	12.4	18.6	
183	12.4	11.4	17.2	





#77

Pyrene

Concen: 29.11 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

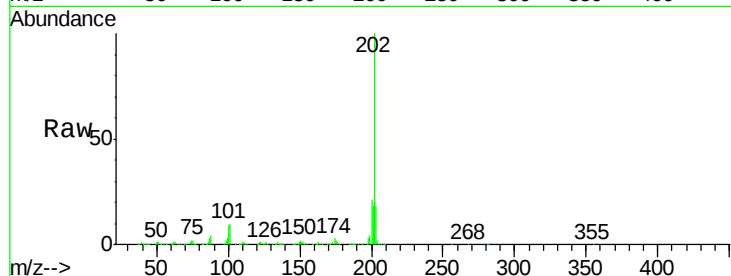
ClientSampleId :

HF-1(18-19)MSD

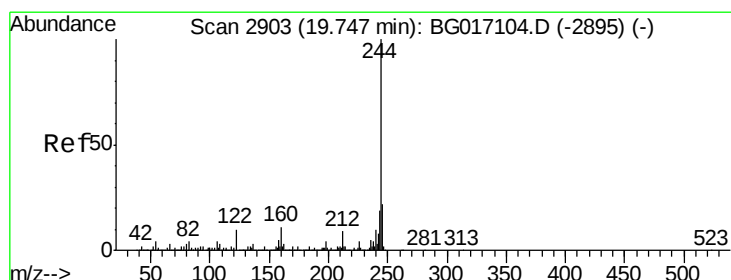
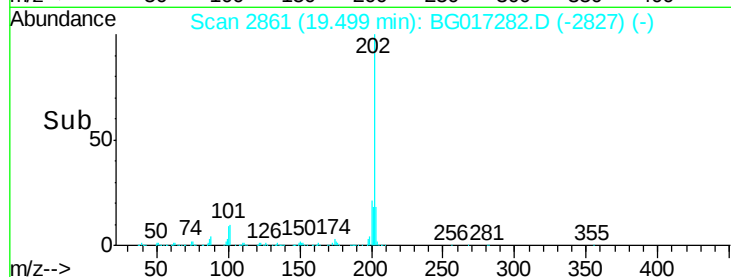
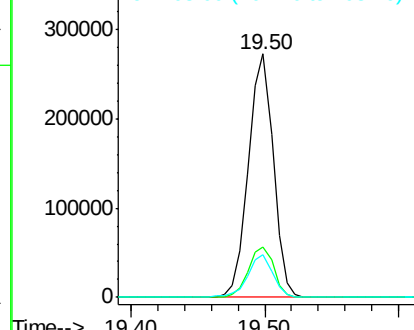
Tgt Ion:	202	Resp:	349900
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.8	26.8
203	17.7	14.4	21.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.13 ng

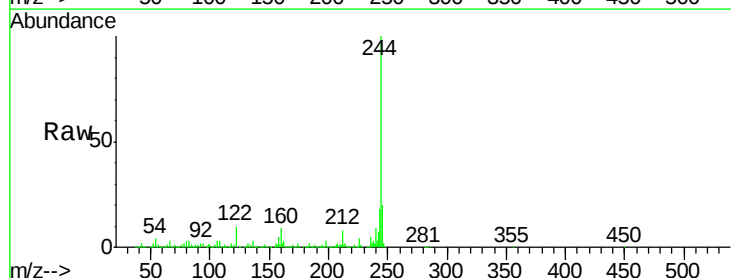
RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

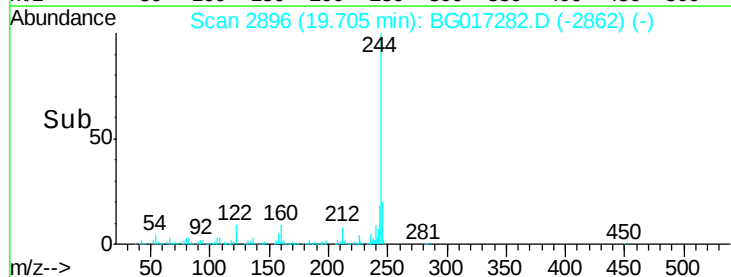
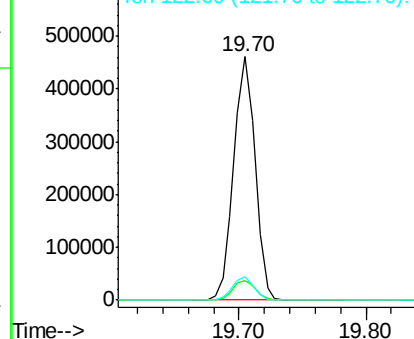
Lab File: BG017282.D

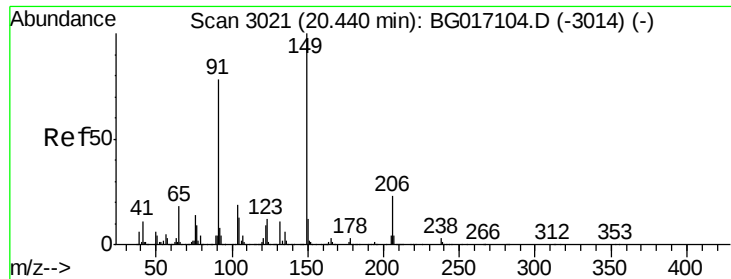
Acq: 26 May 2015 18:02

Tgt Ion:	244	Resp:	537188
Ion Ratio	Lower	Upper	
244	100		
212	8.3	7.0	10.4
122	9.5	8.4	12.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





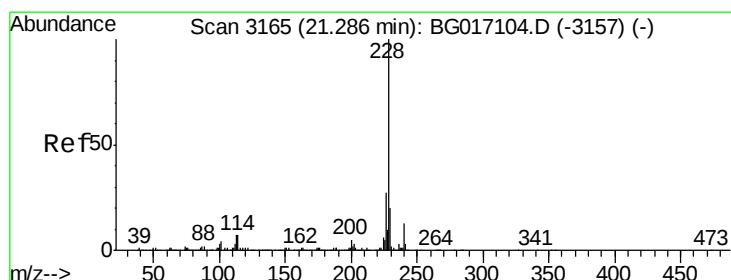
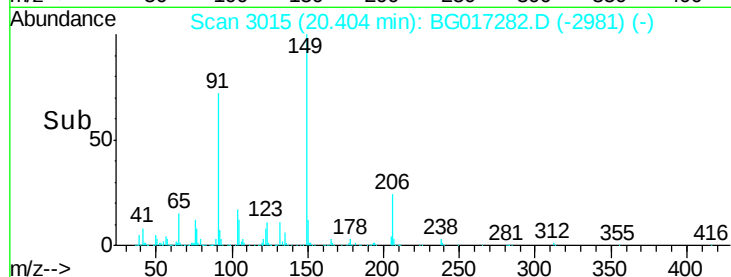
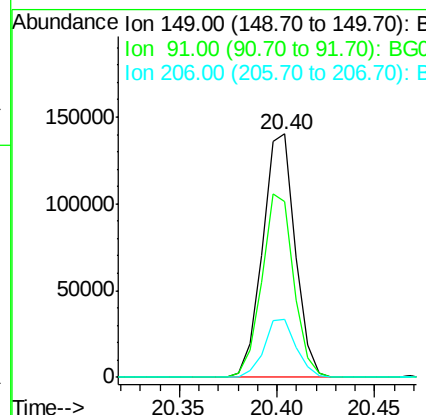
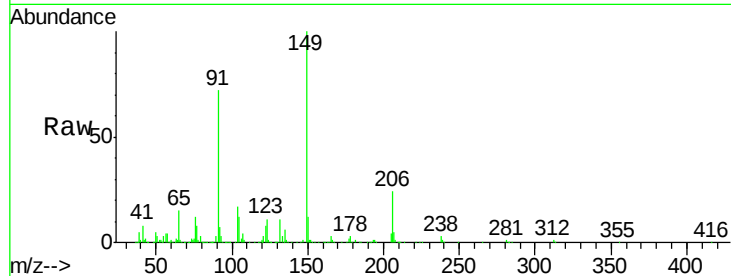
#79
 Butylbenzylphthalate
 Concen: 29.60 ng
 RT: 20.40 min Scan# 3015
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.3	62.0	93.0
206	23.7	18.6	27.8

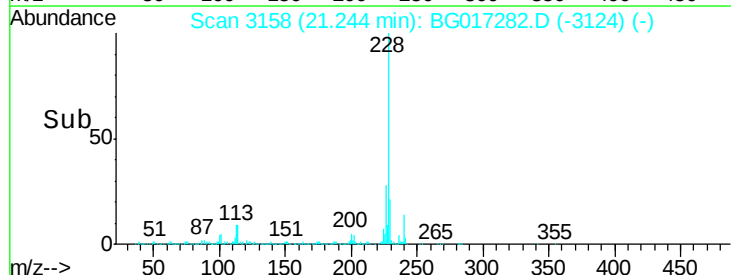
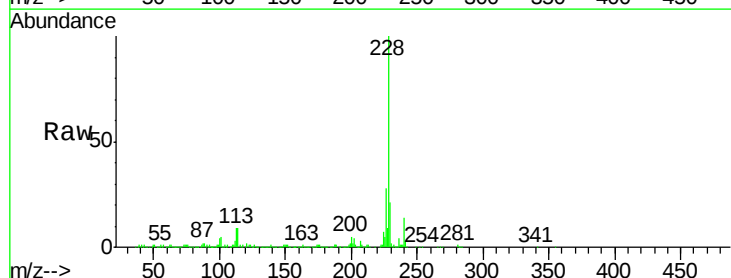
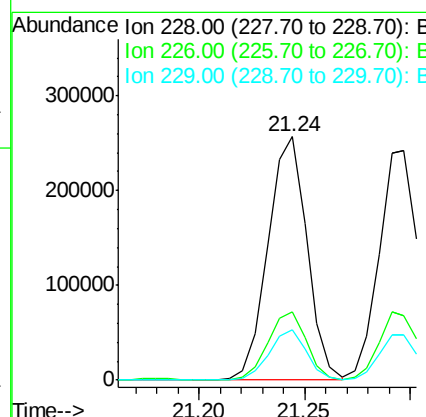
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#80
 Benzo(a)anthracene
 Concen: 29.46 ng
 RT: 21.24 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	21.7	32.5
229	20.5	16.1	24.1





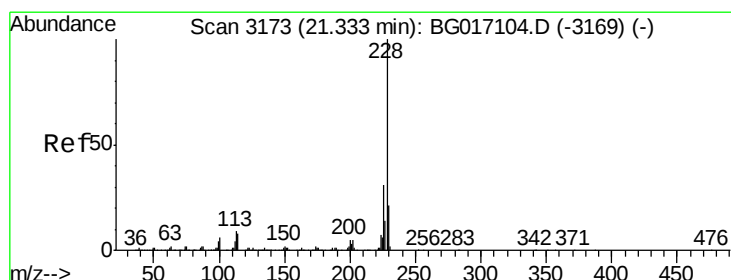
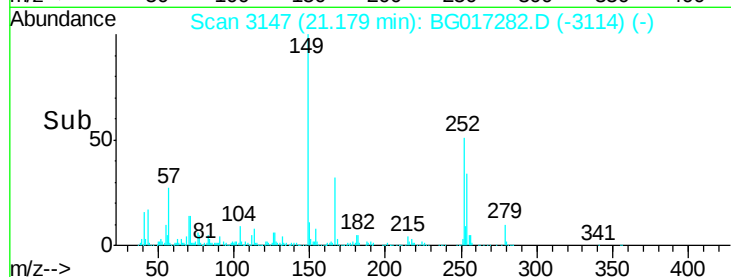
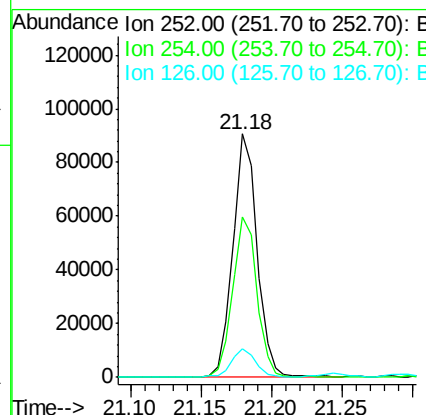
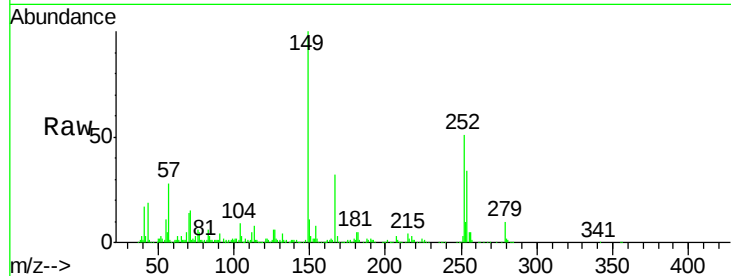
#81
 3,3'-Dichlorobenzidine
 Concen: 25.03 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	108774		
254	66.1	52.1	78.1	
126	11.5	8.8	13.2	

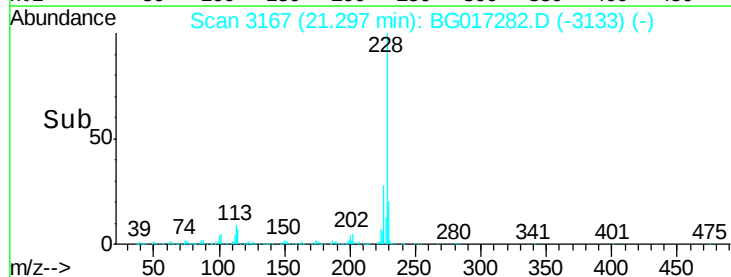
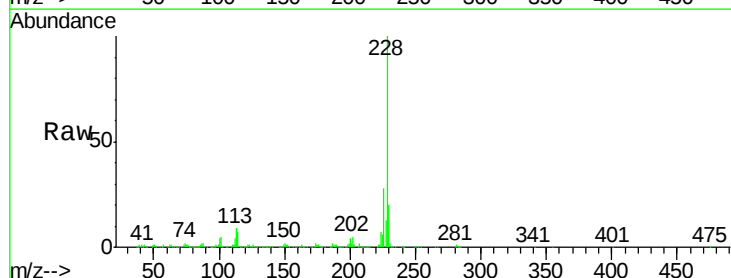
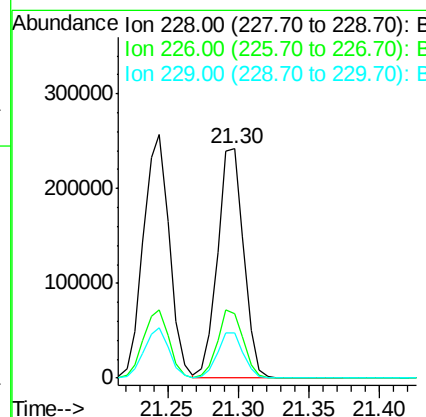
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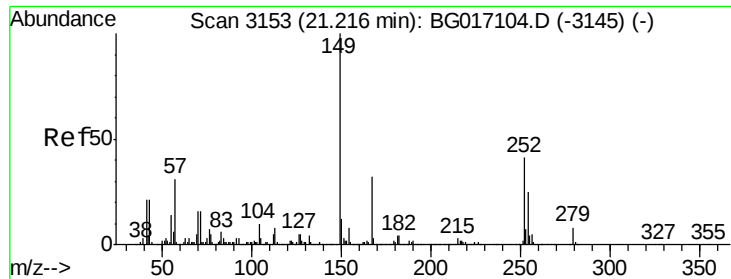
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#82
 Chrysene
 Concen: 29.78 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	311443		
226	28.2	24.8	37.2	
229	19.7	17.0	25.6	





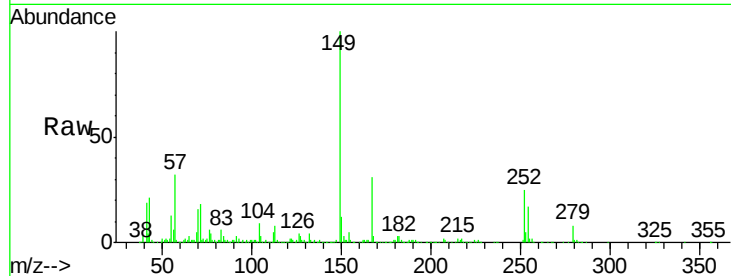
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.11 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

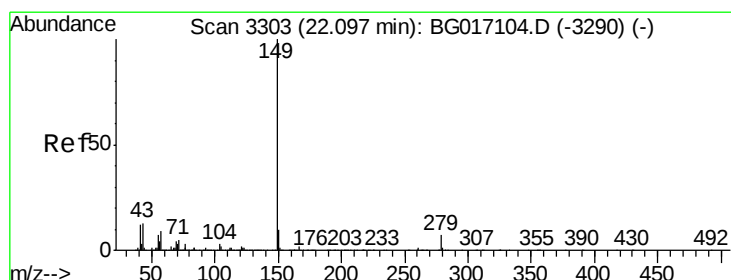
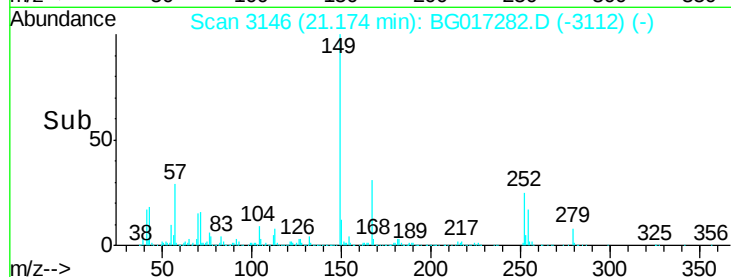
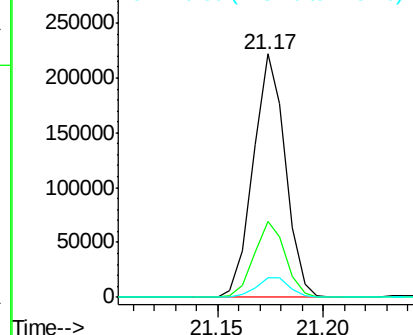
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	233940		
167	31.1	25.4	38.2	
279	7.9	6.8	10.2	

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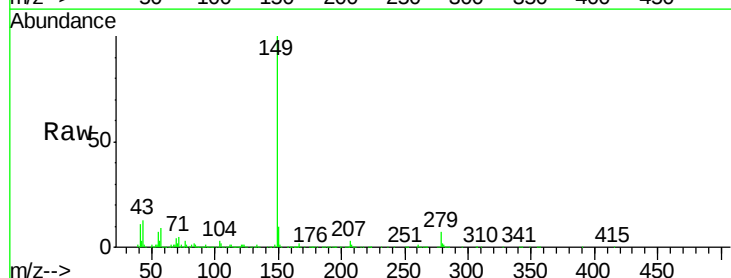


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

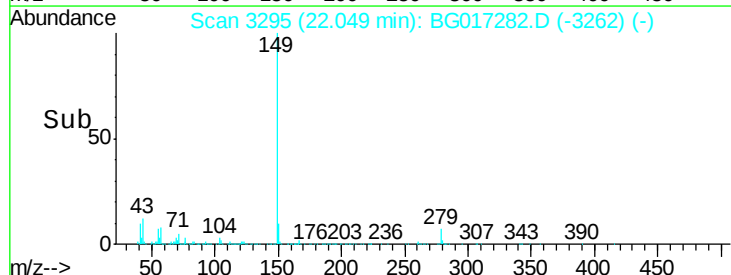
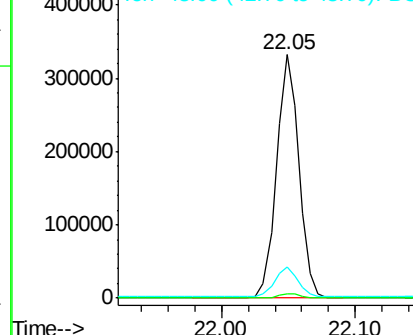


#84
 Di-n-octyl phthalate
 Concen: 30.06 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.01 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	388834		
167	1.9	1.4	2.0	
43	12.8	10.9	16.3	



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): BGO





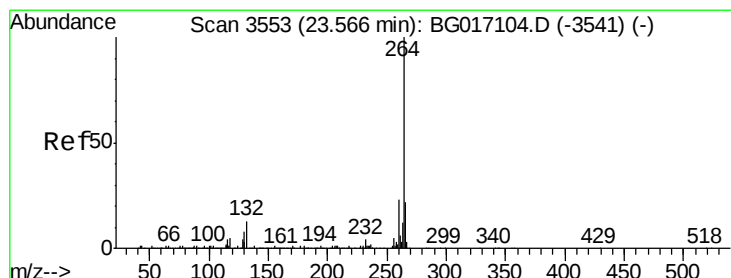
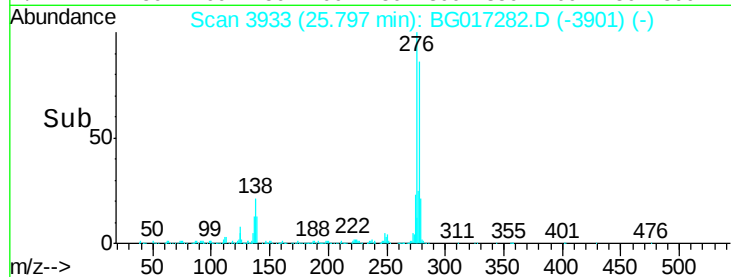
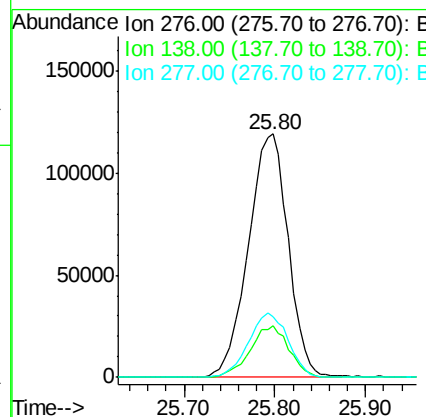
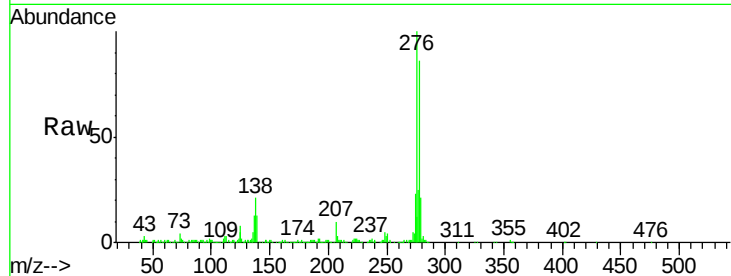
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.97 ng
 RT: 25.80 min Scan# 3933
 Delta R.T. -0.01 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	362614		
138	20.6	16.0	24.0	
277	26.4	20.9	31.3	

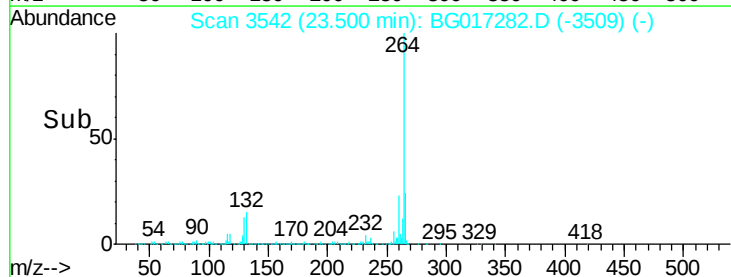
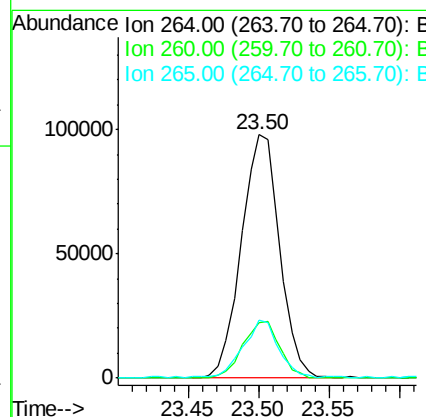
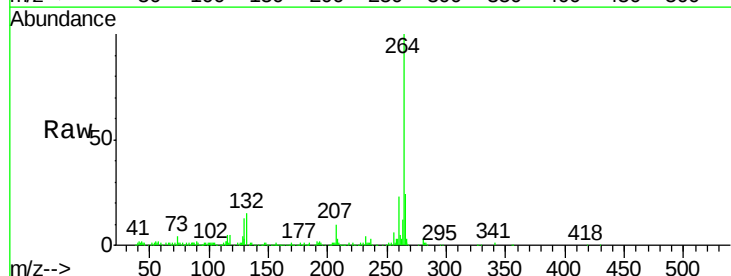
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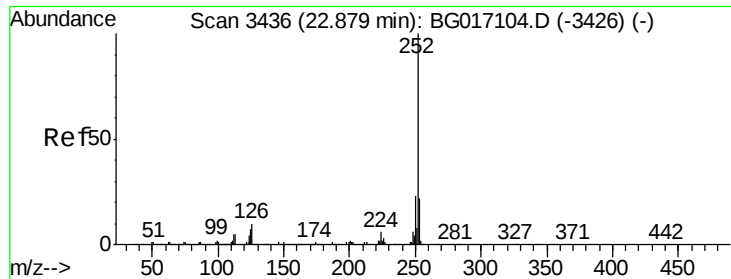
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3542
 Delta R.T. -0.01 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	186266		
260	22.9	18.0	27.0	
265	24.1	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 30.67 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Instrument :

BNA_G

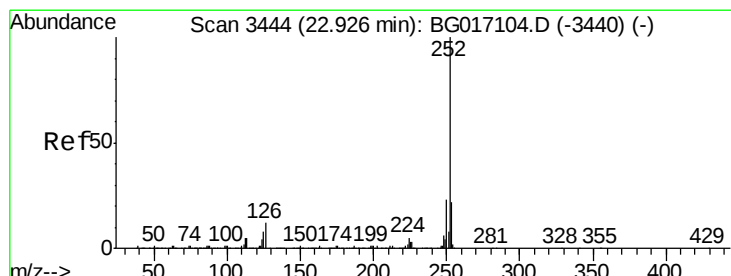
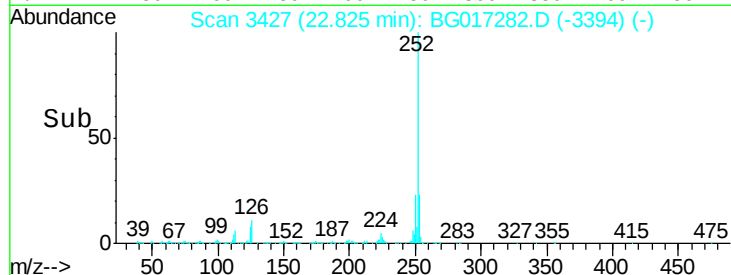
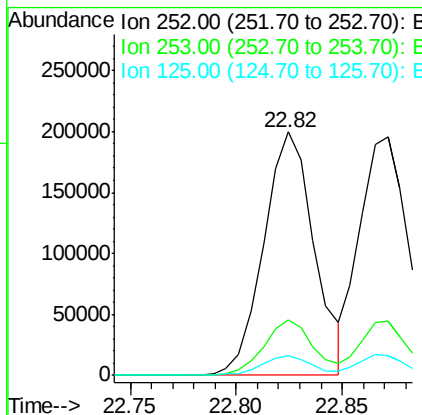
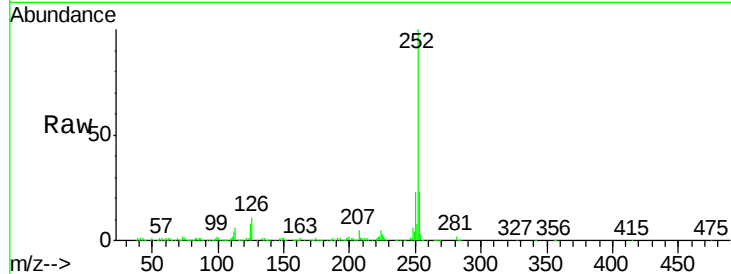
ClientSampleId :

HF-1(18-19)MSD

Tgt Ion:	252	Resp:	333024
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	8.1	5.9	8.9

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#88

Benzo(k)fluoranthene

Concen: 29.97 ng

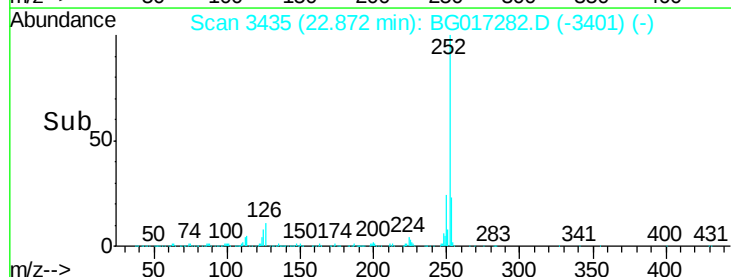
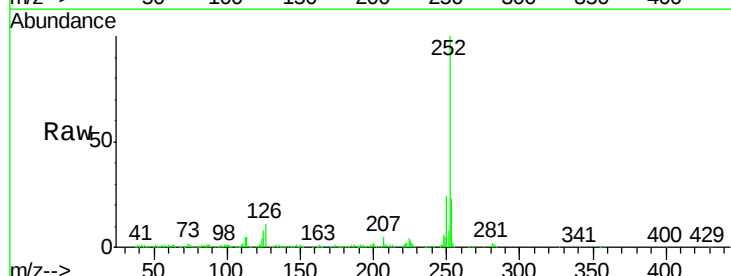
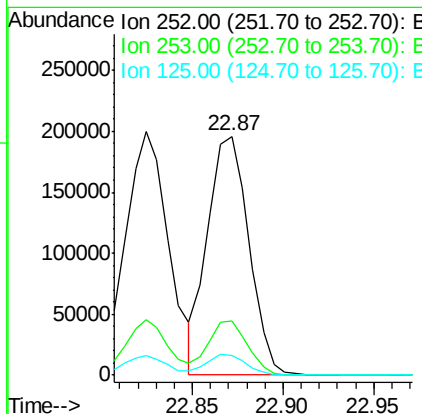
RT: 22.87 min Scan# 3435

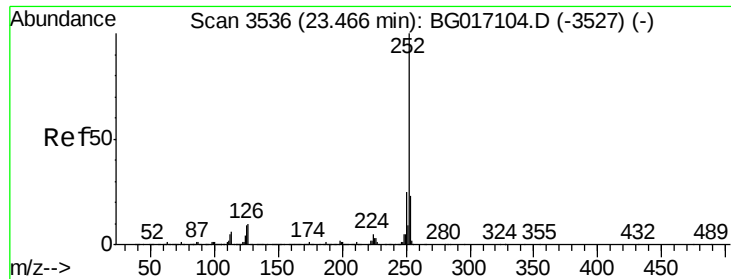
Delta R.T. -0.00 min

Lab File: BG017282.D

Acq: 26 May 2015 18:02

Tgt Ion:	252	Resp:	308927
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	8.4	6.4	9.6





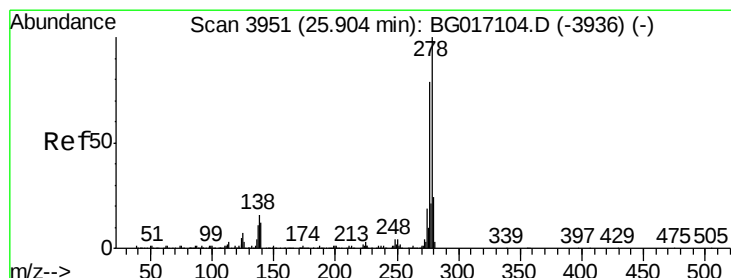
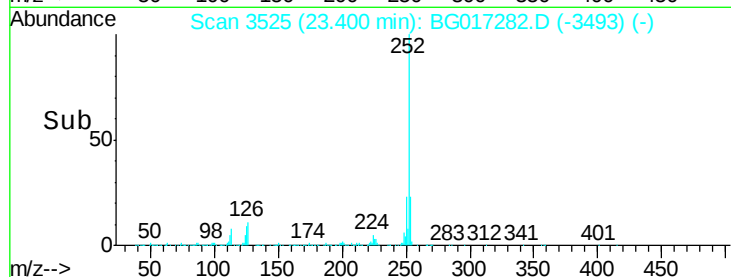
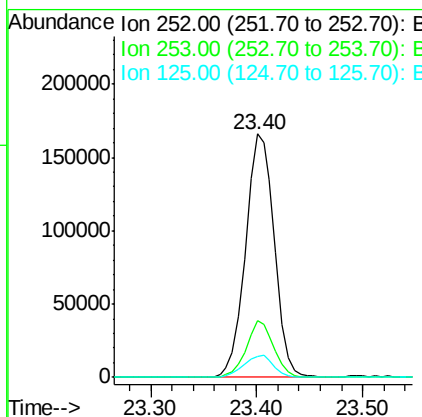
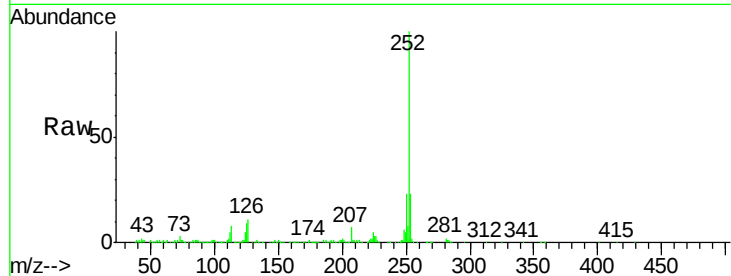
#89
Benzo(a)pyrene
Concen: 31.47 ng
RT: 23.40 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Instrument :
BNA_G
ClientSampleId :
HF-1(18-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	18.4	27.6
125	8.8	7.2	10.8

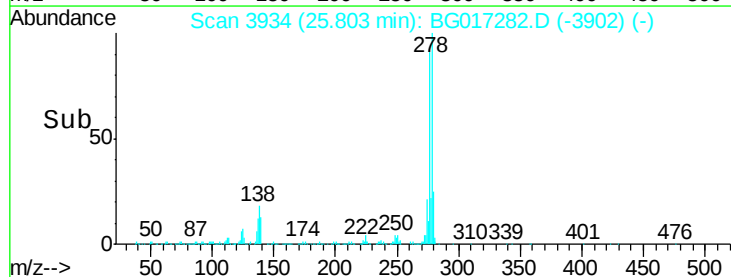
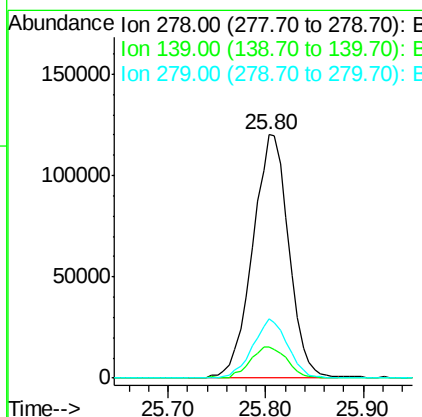
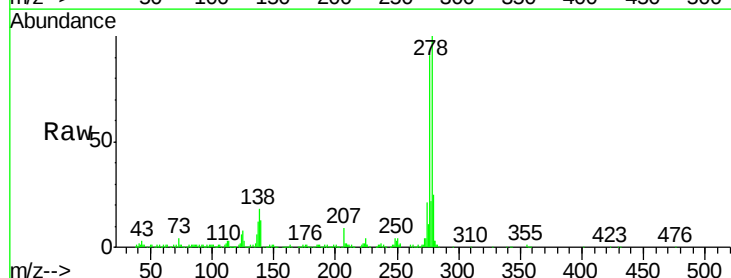
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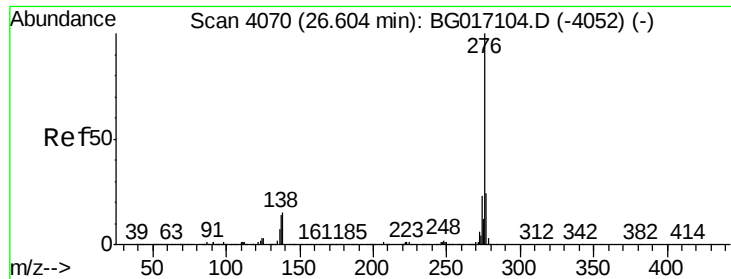
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#90
Dibenzo(a,h)anthracene
Concen: 30.48 ng
RT: 25.80 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG017282.D
Acq: 26 May 2015 18:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	12.9	9.4	14.2
279	24.6	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 29.99 ng
 RT: 26.50 min Scan# 4053
 Delta R.T. -0.01 min
 Lab File: BG017282.D
 Acq: 26 May 2015 18:02

Instrument :
 BNA_G
 ClientSampleId :
 HF-1(18-19)MSD

Tgt Ion:	276	Resp:	288945
Ion Ratio		Lower	Upper
276	100		
277	25.1	18.9	28.3
138	17.6	11.8	17.8

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