

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017281.D
 Acq On : 26 May 2015 17:27
 Operator : TP/IZ
 Sample : G2383-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 5/27/2015 2:57:58 PM

Quant Time: May 27 03:50:42 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	26282	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	111225	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	76686	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	181107	20.00	ng	0.00
75) Chrysene-d12	21.26	240	204404	20.00	ng	0.00
86) Perylene-d12	23.50	264	201263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	202769	136.88	ng	0.00
7) Phenol-d6	6.87	99	278505	133.97	ng	0.00
23) Nitrobenzene-d5	8.83	82	182832	76.74	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	126328	136.27	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	351881	67.33	ng	0.00
78) Terphenyl-d14	19.70	244	690426	70.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	20920	35.79	ng	95
3) Pyridine	3.52	79	31772	17.97	ng	92
4) n-Nitrosodimethylamine	3.44	42	47623	35.49	ng	97
6) Aniline	6.99	93	78428	27.27	ng	99
8) 2-Chlorophenol	7.24	128	75993	42.88	ng	98
9) Benzaldehyde	6.80	77	11052	6.36	ng	87
10) Phenol	6.90	94	95108	43.14	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	68255	41.29	ng	99
12) 1,3-Dichlorobenzene	7.55	146	73053	36.91	ng	99
13) 1,4-Dichlorobenzene	7.70	146	77252	38.67	ng	95
14) 1,2-Dichlorobenzene	8.01	146	72863	38.18	ng	97
15) Benzyl Alcohol	7.91	79	77404	38.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	107925	40.27	ng	98
17) 2-Methylphenol	8.13	107	66300	41.48	ng	87
18) Hexachloroethane	8.74	117	30420	36.45	ng	94
19) n-Nitroso-di-n-propylamine	8.48	70	64676	35.71	ng	98
20) 3+4-Methylphenols	8.46	107	90454	40.72	ng	94
22) Acetophenone	8.49	105	112196	41.56	ng	# 97
24) Nitrobenzene	8.87	77	93613	40.16	ng	95
25) Isophorone	9.39	82	172158	39.21	ng	98
26) 2-Nitrophenol	9.57	139	43649	41.89	ng	92
27) 2,4-Dimethylphenol	9.66	122	73368	42.78	ng	96
28) bis(2-Chloroethoxy)methane	9.88	93	87357	40.86	ng	96
29) 2,4-Dichlorophenol	10.13	162	75054	46.39	ng	96
30) 1,2,4-Trichlorobenzene	10.32	180	74453	40.57	ng	98
31) Naphthalene	10.51	128	220613	40.53	ng	99
32) Benzoic acid	9.77	122	11409	9.82	ng	98
33) 4-Chloroaniline	10.63	127	77089	29.95	ng	95
34) Hexachlorobutadiene	10.79	225	45595	39.23	ng	97
35) Caprolactam	11.41	113	33539m	41.23	ng	
36) 4-Chloro-3-methylphenol	11.78	107	93165	45.58	ng	94
37) 2-Methylnaphthalene	12.12	142	168678	39.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	81624	37.62	ng	98
40) Hexachlorocyclopentadiene	12.48	237	99766	75.38	ng	93

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Quant Time: May 27 03:50:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	65141	42.33	ng	94
43) 2,4,5-Trichlorophenol	12.85	196	70499	44.46	ng	96
45) 1,1'-Biphenyl	13.15	154	216250	39.15	ng	99
46) 2-Chloronaphthalene	13.19	162	171914	39.31	ng	94
47) 2-Nitroaniline	13.41	65	70180	41.25	ng	99
48) Acenaphthylene	14.05	152	290728	38.81	ng	99
49) Dimethylphthalate	13.79	163	279188	46.56	ng	98
50) 2,6-Dinitrotoluene	13.91	165	56084	42.21	ng	94
51) Acenaphthene	14.39	154	172116	38.90	ng	97
52) 3-Nitroaniline	14.25	138	53324	36.17	ng	91
53) 2,4-Dinitrophenol	14.45	184	45480	58.95	ng	95
54) Dibenzofuran	14.73	168	264690	40.24	ng	99
55) 4-Nitrophenol	14.60	139	103504	87.19	ng	96
56) 2,4-Dinitrotoluene	14.70	165	81874	44.18	ng	91
57) Fluorene	15.37	166	232543	39.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	65017	44.68	ng	98
59) Diethylphthalate	15.16	149	252501	39.20	ng	99
60) 4-Chlorophenyl-phenylether	15.37	204	119349	39.91	ng	92
61) 4-Nitroaniline	15.41	138	68509	41.65	ng	98
62) Azobenzene	15.66	77	249643	40.57	ng	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	49608	39.97	ng	100
65) n-Nitrosodiphenylamine	15.59	169	209975	37.77	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	74778	37.86	ng	96
67) Hexachlorobenzene	16.38	284	79830	38.30	ng	96
68) Atrazine	16.55	200	91951	45.21	ng	97
69) Pentachlorophenol	16.73	266	106188	81.61	ng	93
70) Phenanthrene	17.11	178	357161	38.24	ng	98
71) Anthracene	17.21	178	364231	38.48	ng	97
72) Carbazole	17.48	167	371291	42.69	ng	98
73) Di-n-butylphthalate	18.05	149	471569	40.52	ng	97
74) Fluoranthene	19.13	202	451638	40.27	ng	98
76) Benzidine	19.33	184	143788	21.55	ng	97
77) Pyrene	19.50	202	465365	37.11	ng	98
79) Butylbenzylphthalate	20.40	149	213091	37.37	ng	97
80) Benzo(a)anthracene	21.24	228	444150	37.92	ng	97
81) 3,3'-Dichlorobenzidine	21.18	252	134509	29.67	ng	100
82) Chrysene	21.30	228	422508	38.73	ng	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	312350	38.54	ng	100
84) Di-n-octyl phthalate	22.05	149	514274	38.12	ng	98
85) Indeno(1,2,3-cd)pyrene	25.80	276	481195	36.86	ng	99
87) Benzo(b)fluoranthene	22.82	252	435290	37.10	ng	99
88) Benzo(k)fluoranthene	22.87	252	429613	38.57	ng	99
89) Benzo(a)pyrene	23.41	252	416467	38.66	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	409958	37.06	ng	99
91) Benzo(g,h,i)perylene	26.50	276	389532	37.42	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

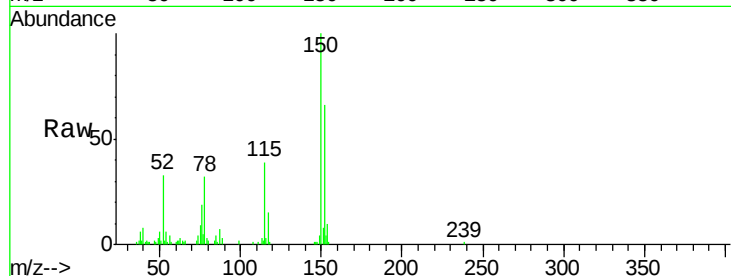
ClientSampleId :

HF-1(18-19)MS

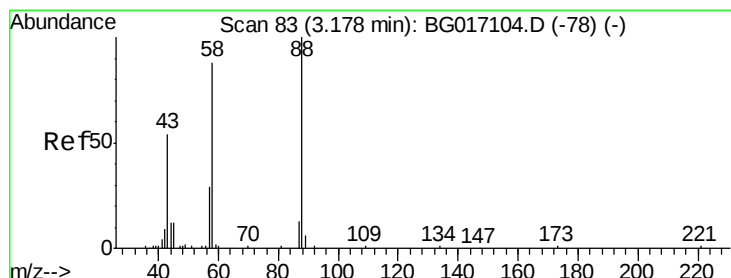
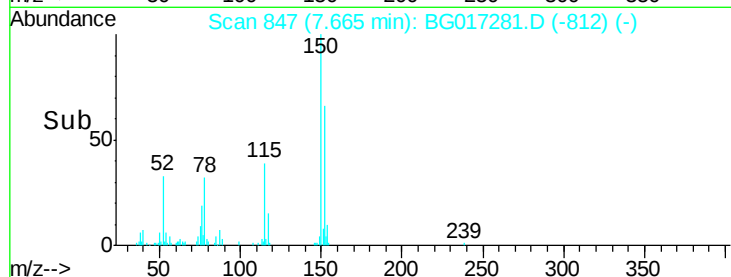
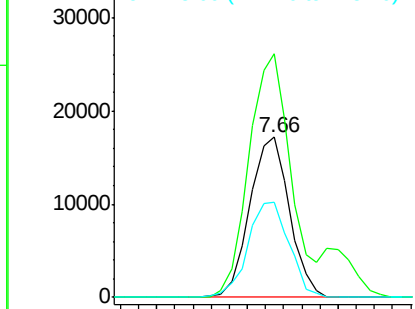
Tgt Ion:	152	Resp:	26282
Ion Ratio	Lower	Upper	
152	100		
150	152.0	120.8	181.2
115	59.1	49.4	74.2

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



#2

1,4-Dioxane

Concen: 35.79 ng

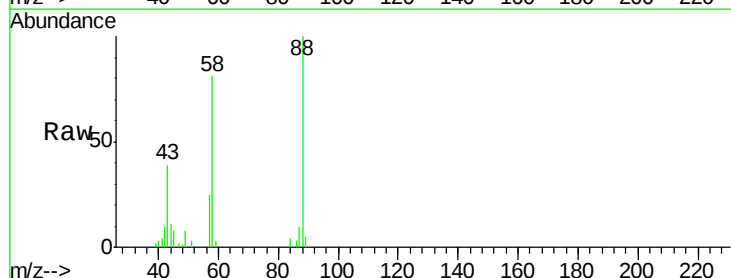
RT: 3.12 min Scan# 74

Delta R.T. 0.00 min

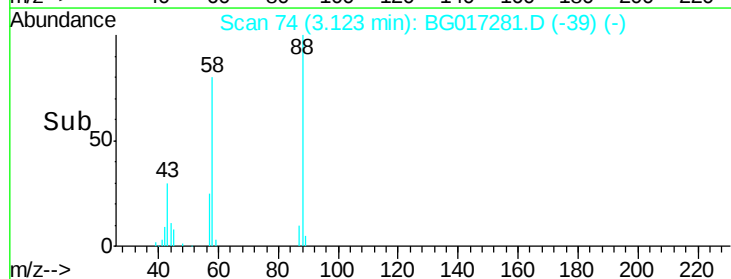
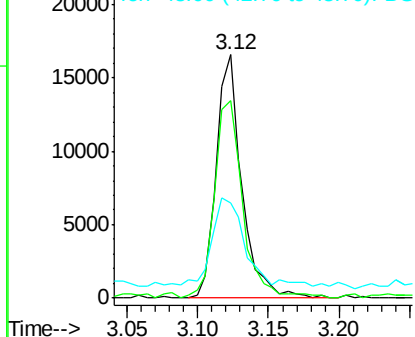
Lab File: BG017281.D

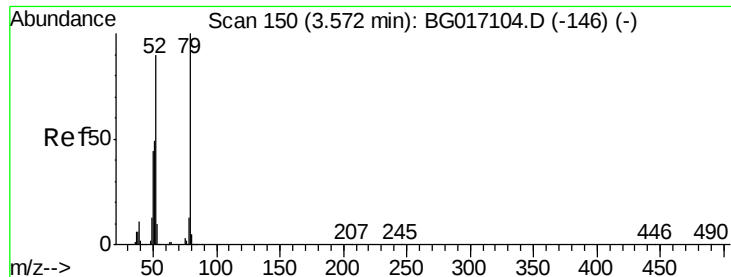
Acq: 26 May 2015 17:27

Tgt Ion:	88	Resp:	20920
Ion Ratio	Lower	Upper	
88	100		
58	89.8	68.6	103.0
43	46.5	40.3	60.5



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 17.97 ng

RT: 3.52 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

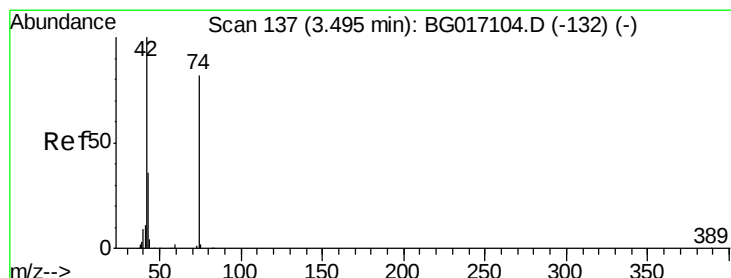
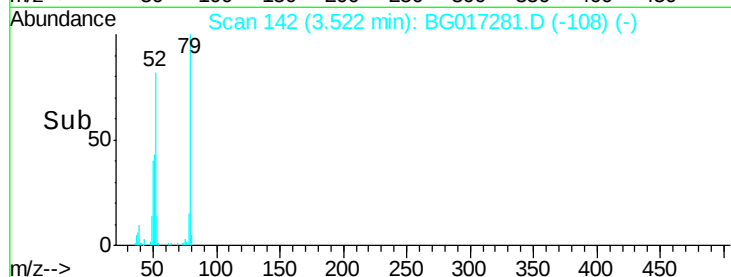
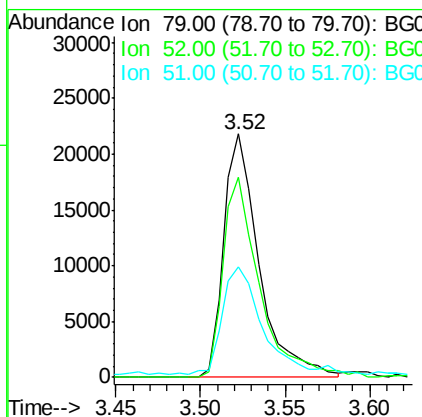
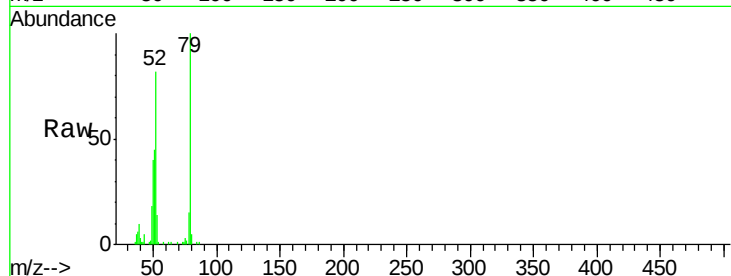
HF-1(18-19)MS

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Tgt Ion:	79	Resp:	31772
Ion	Ratio	Lower	Upper
79	100		
52	82.1	72.2	108.2
51	45.2	40.6	60.8



#4

n-Nitrosodimethylamine

Concen: 35.49 ng

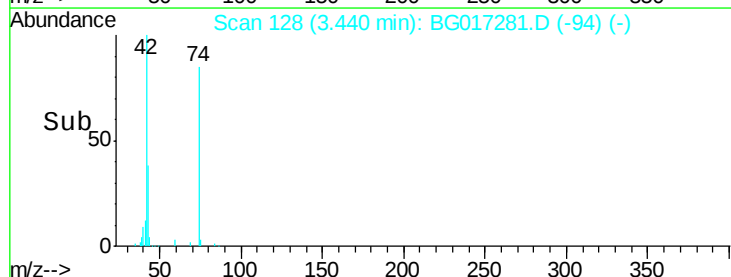
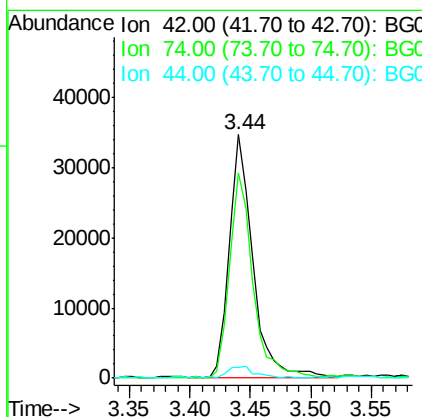
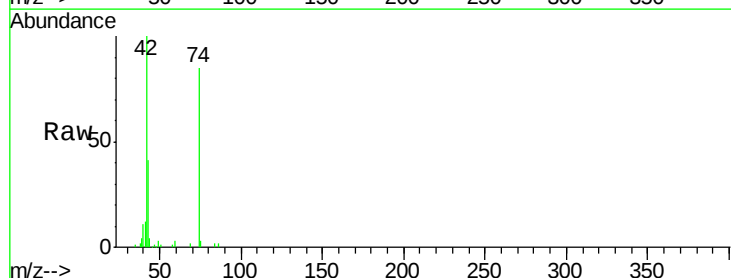
RT: 3.44 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	42	Resp:	47623
Ion	Ratio	Lower	Upper
42	100		
74	84.5	65.2	97.8
44	4.3	3.2	4.8





#5

2-Fluorophenol

Concen: 136.88 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

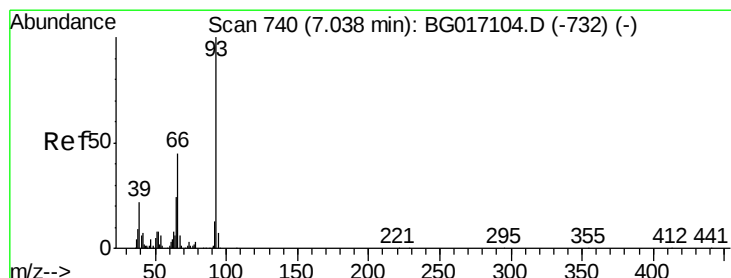
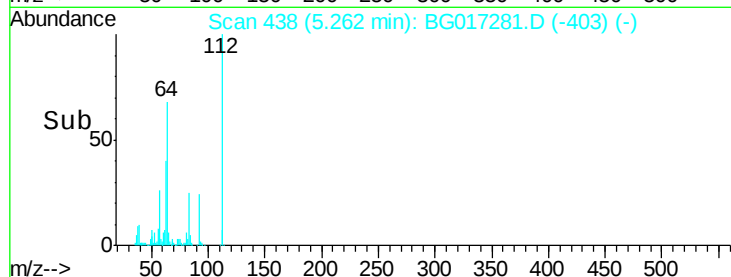
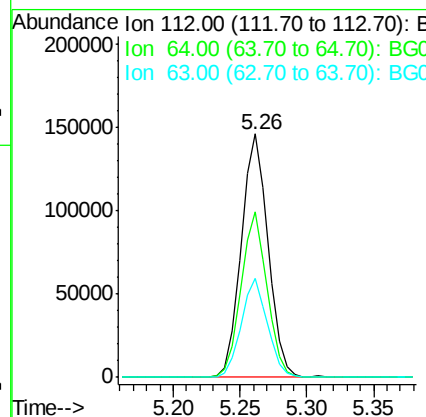
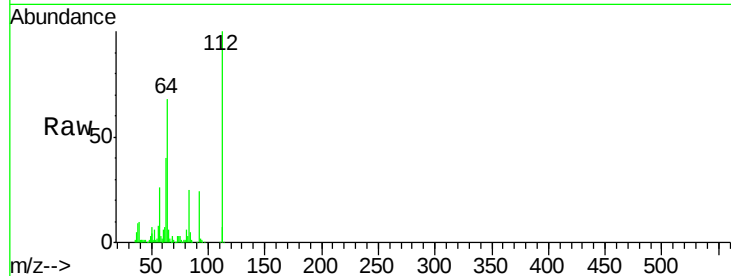
HF-1(18-19)MS

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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	202769		
64	68.2	48.1	72.1	
63	40.5	29.8	44.8	



#6

Aniline

Concen: 27.27 ng

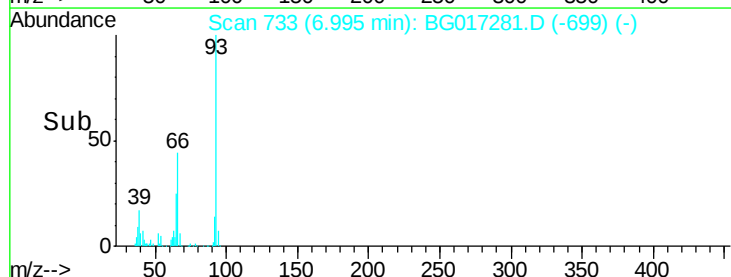
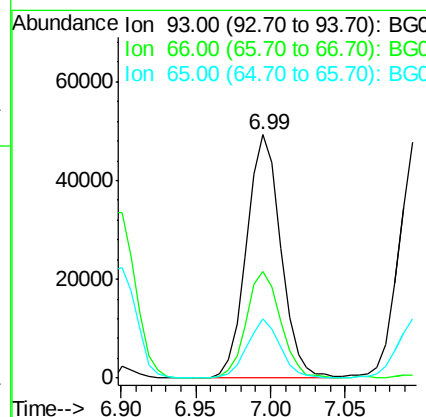
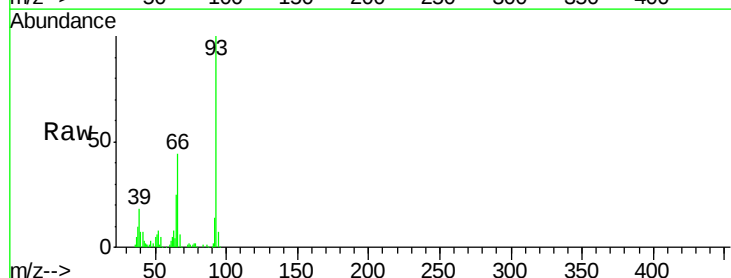
RT: 6.99 min Scan# 733

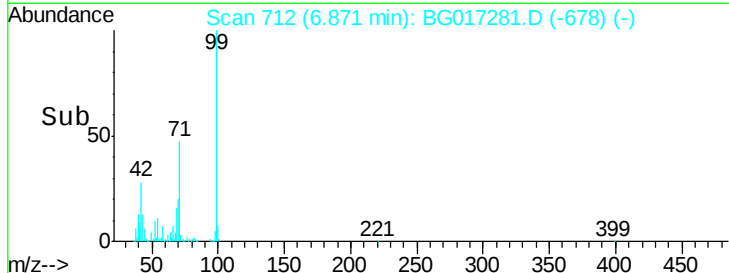
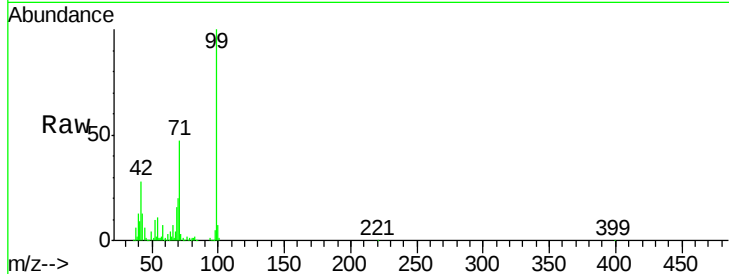
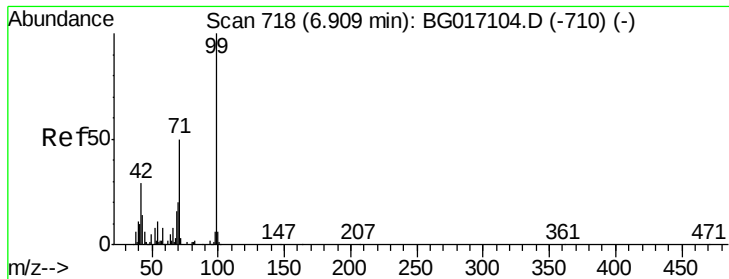
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	78428		
66	43.8	35.8	53.8	
65	24.6	19.2	28.8	





#7

Phenol-d6

Concen: 133.97 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	99	Resp:	278505
Ion Ratio	Lower	Upper	
99	100		
42	28.4	23.5	35.3
71	47.4	39.8	59.8

Instrument :

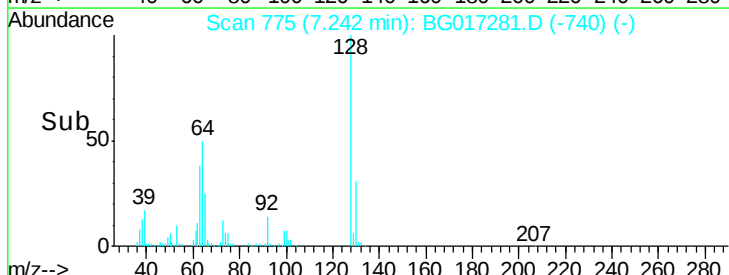
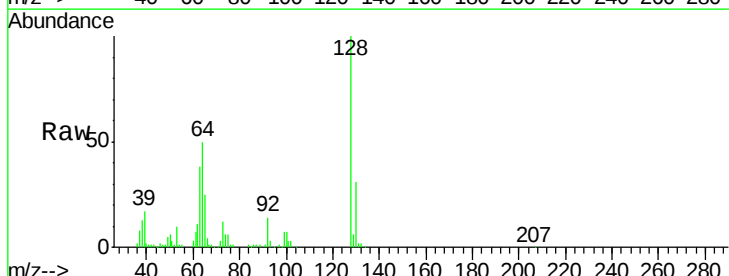
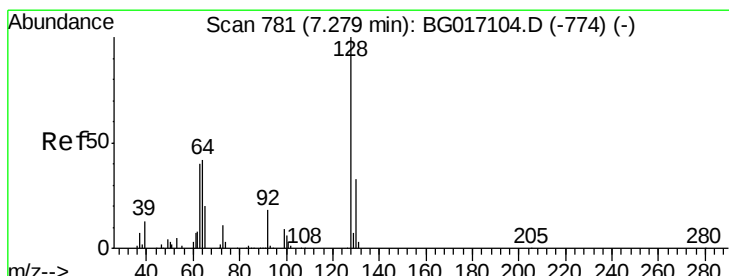
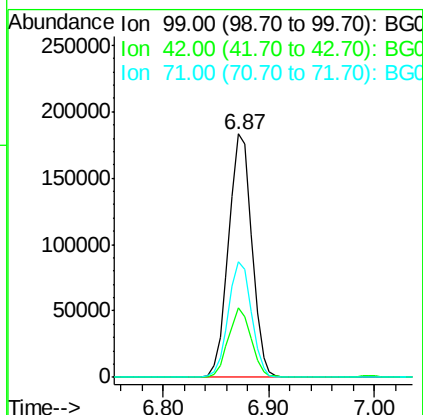
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HF-1(18-19)MS

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#8

2-Chlorophenol

Concen: 42.88 ng

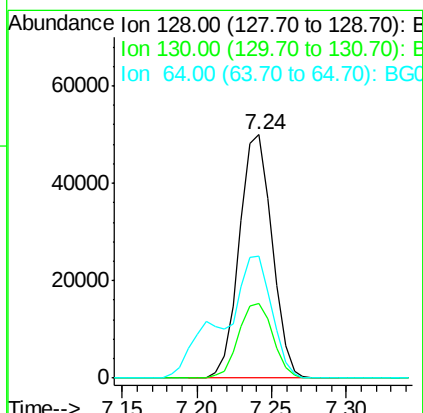
RT: 7.24 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	128	Resp:	75993
Ion Ratio	Lower	Upper	
128	100		
130	30.9	13.3	53.3
64	50.3	30.9	70.9





#9

Benzaldehyde

Concen: 6.36 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

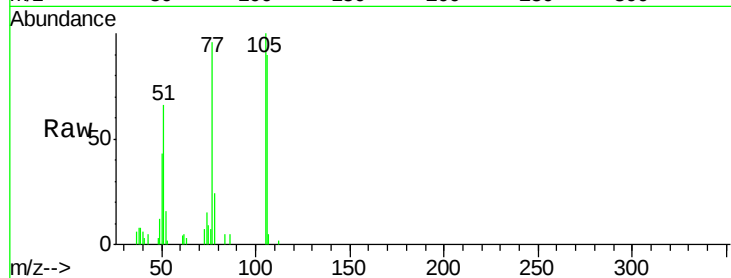
ClientSampleId :

HF-1(18-19)MS

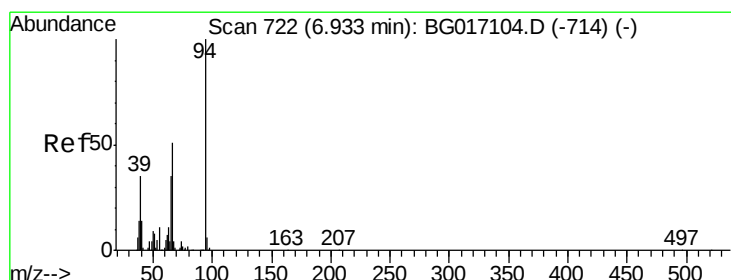
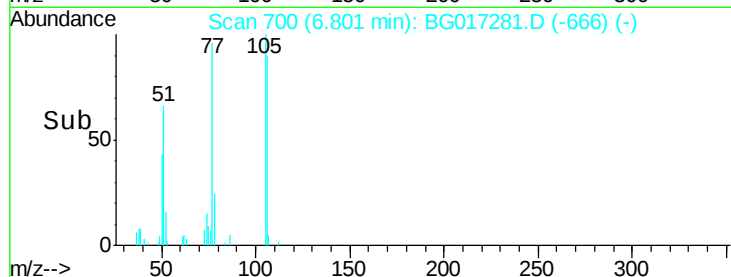
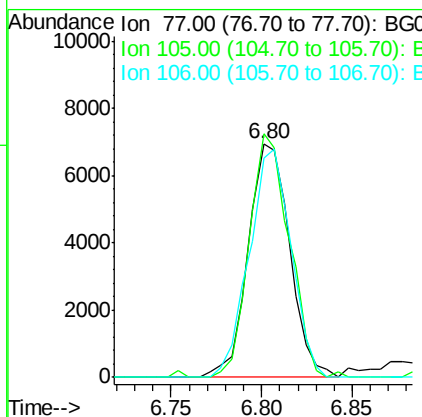
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Tgt Ion:	77	Resp:	11052
Ion	Ratio	Lower	Upper
77	100		
105	104.1	69.5	109.5
106	93.6	63.4	103.4



#10

Phenol

Concen: 43.14 ng

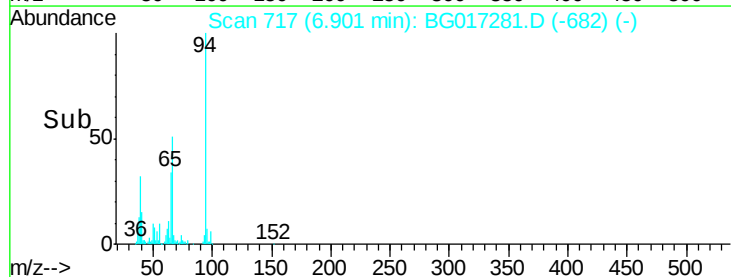
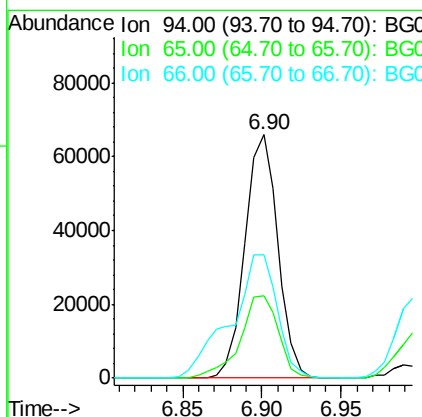
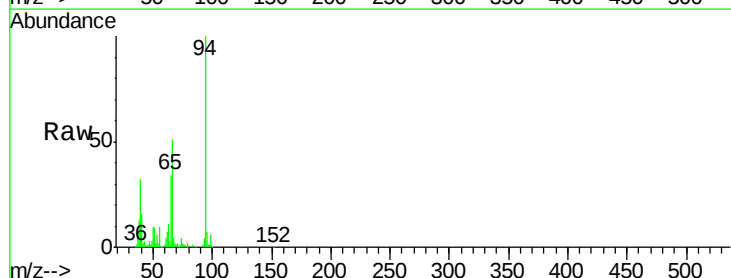
RT: 6.90 min Scan# 717

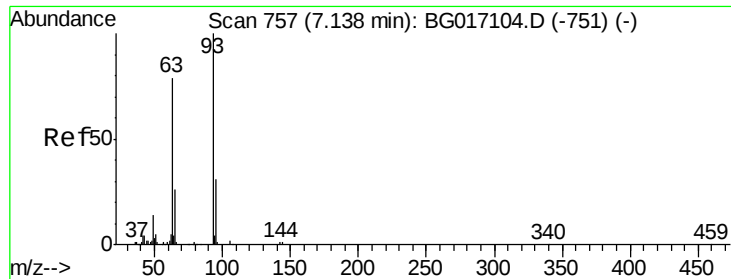
Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	94	Resp:	95108
Ion	Ratio	Lower	Upper
94	100		
65	33.9	15.0	55.0
66	50.9	32.1	72.1





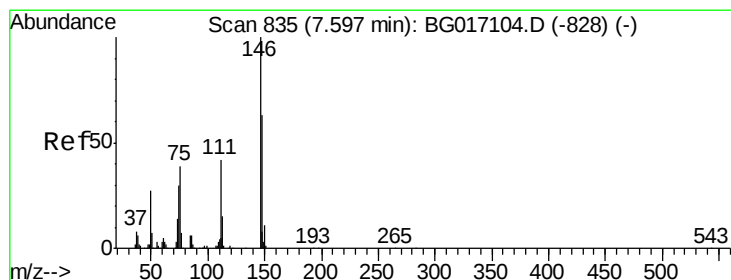
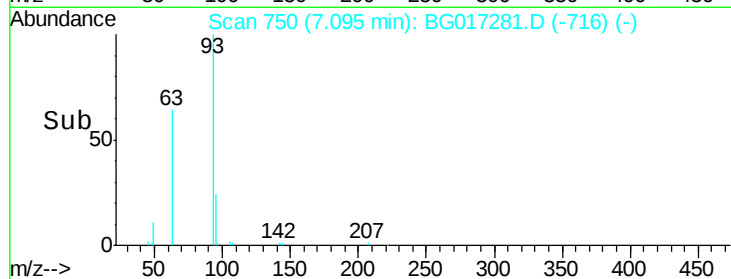
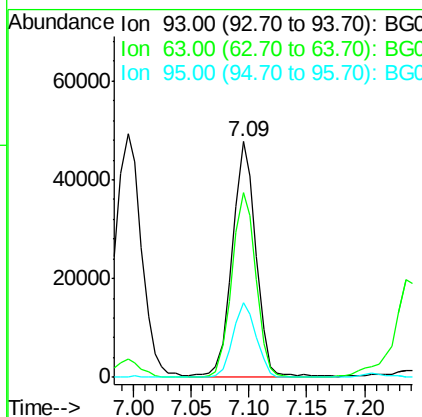
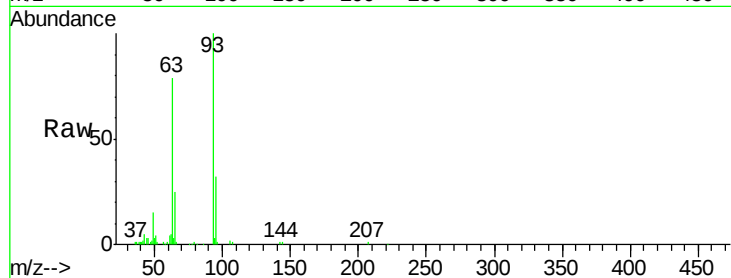
#11
bis(2-Chloroethyl)ether
Concen: 41.29 ng
RT: 7.09 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.5	98.5
95	31.9	11.0	51.0

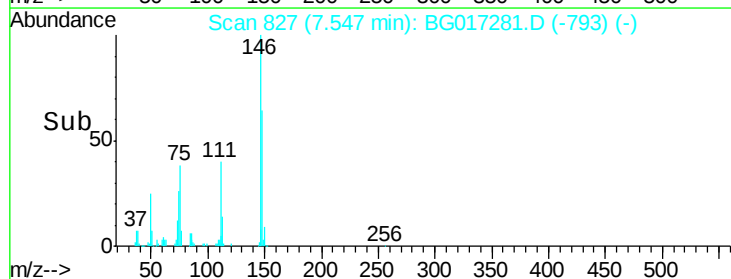
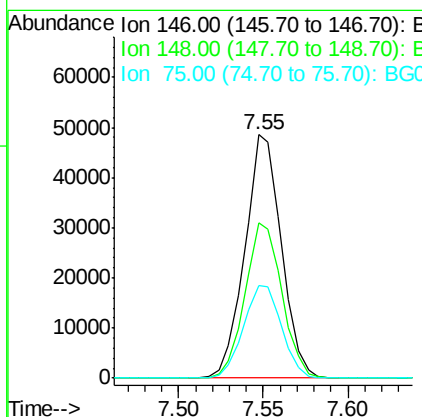
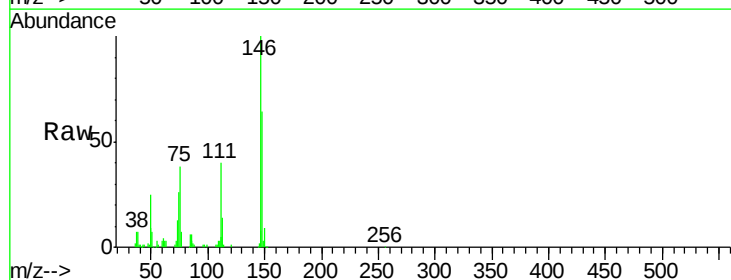
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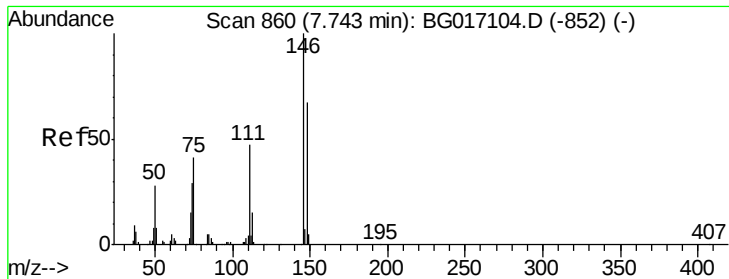
apatel
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#12
1,3-Dichlorobenzene
Concen: 36.91 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
75	37.9	31.4	47.2





#13

1,4-Dichlorobenzene

Concen: 38.67 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

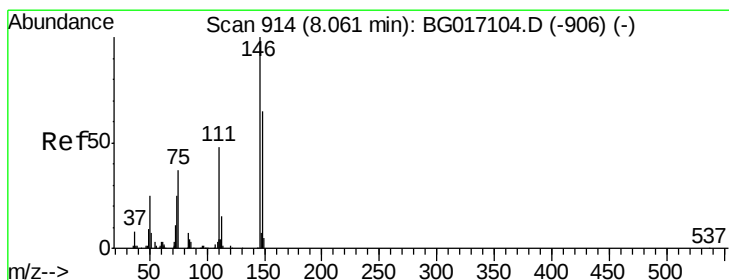
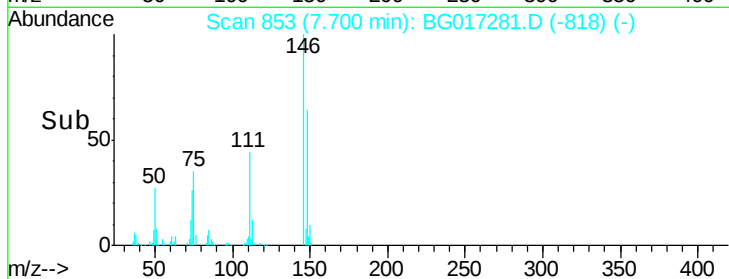
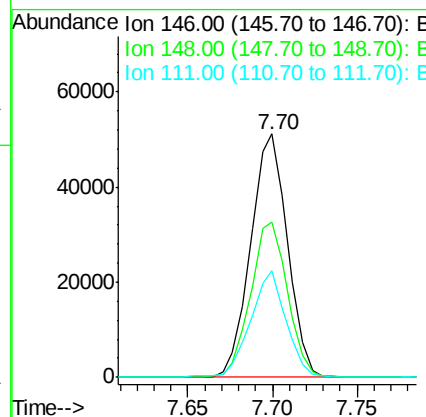
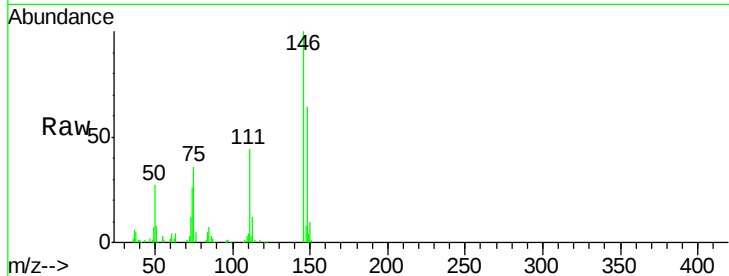
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	146	Resp:	77252
Ion Ratio	Lower	Upper	
146	100		
148	63.7	53.9	80.9
111	43.7	37.9	56.9

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#14

1,2-Dichlorobenzene

Concen: 38.18 ng

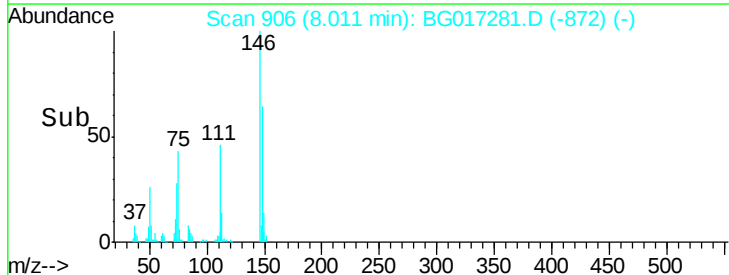
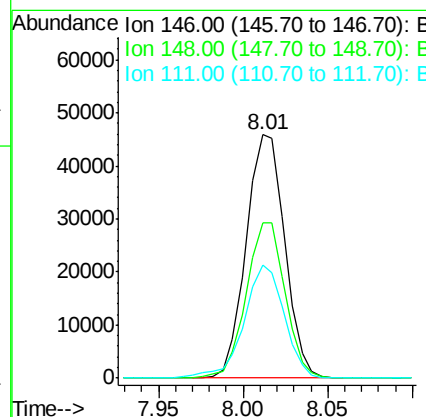
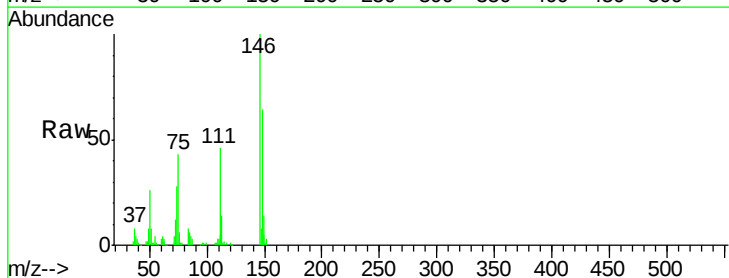
RT: 8.01 min Scan# 906

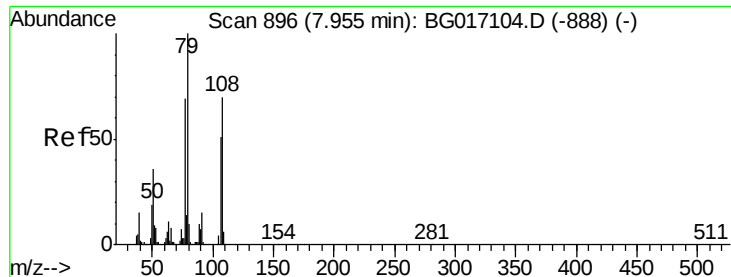
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	146	Resp:	72863
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.3	78.5
111	46.5	39.0	58.4





#15

Benzyl Alcohol

Concen: 38.32 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

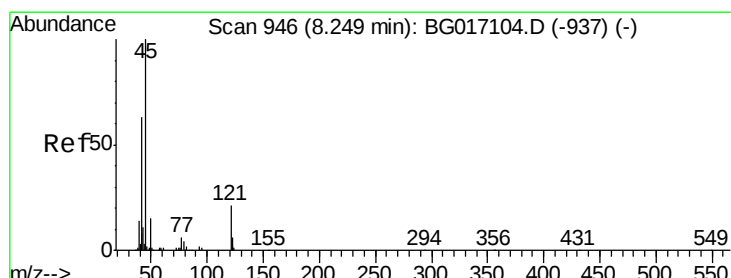
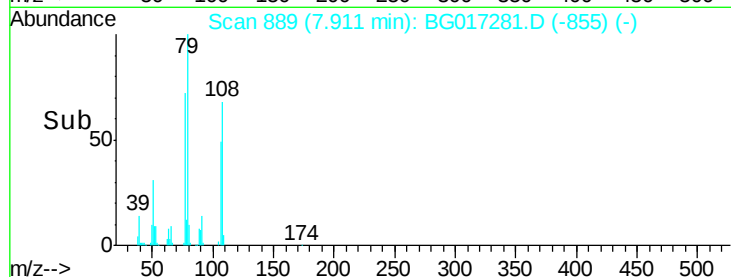
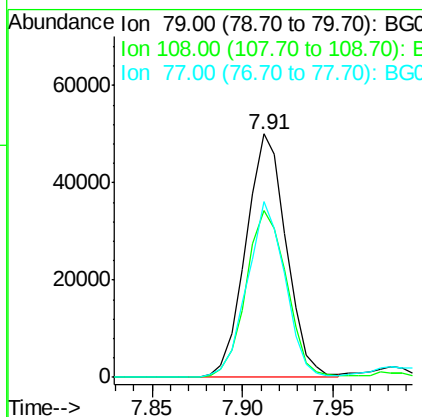
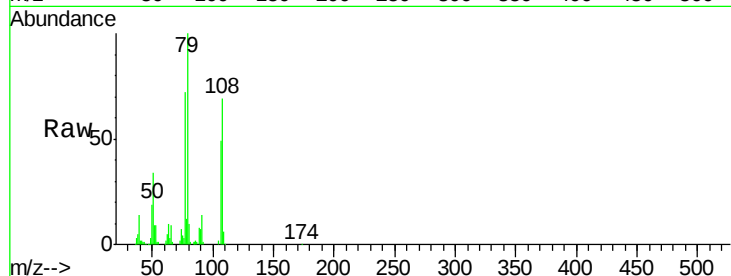
HF-1(18-19)MS

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Tgt Ion:	79	Resp:	77404
Ion	Ratio	Lower	Upper
79	100		
108	68.6	55.8	83.6
77	72.1	55.4	83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.27 ng

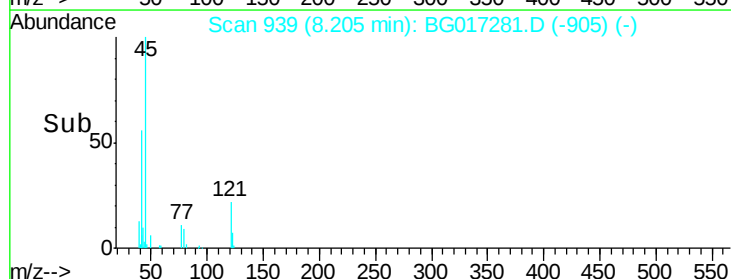
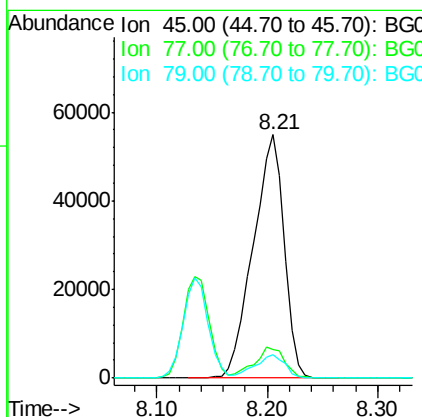
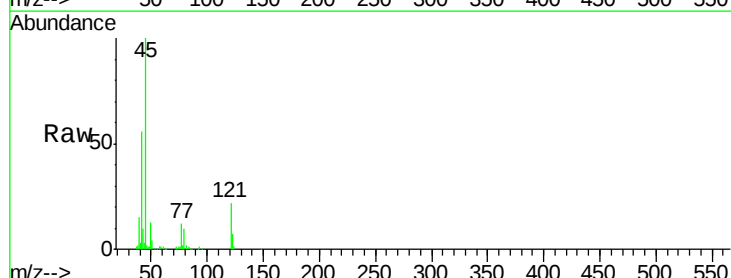
RT: 8.21 min Scan# 939

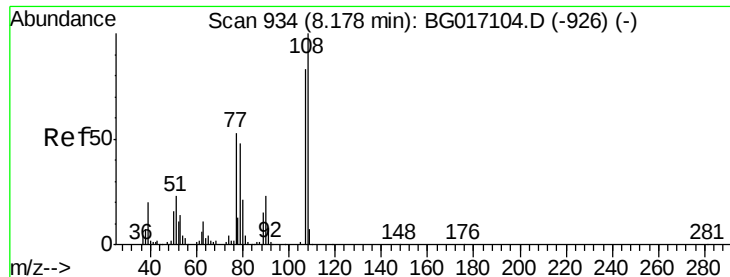
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	45	Resp:	107925
Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	32.5
79	9.6	0.0	29.4





#17

2-Methylphenol

Concen: 41.48 ng

RT: 8.13 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

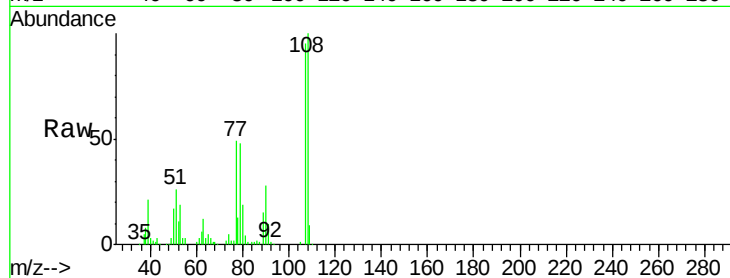
ClientSampleId :

HF-1(18-19)MS

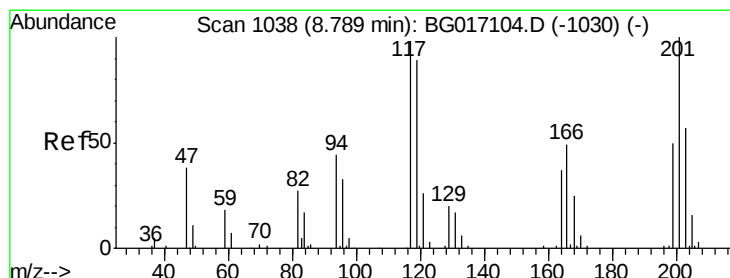
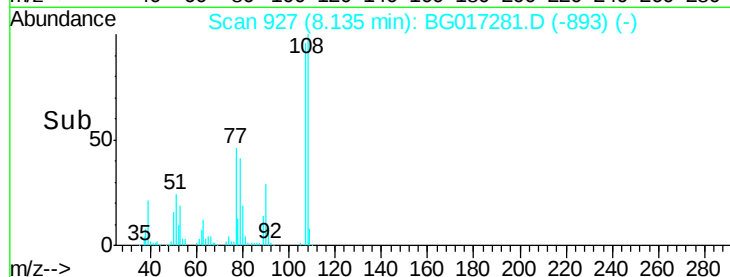
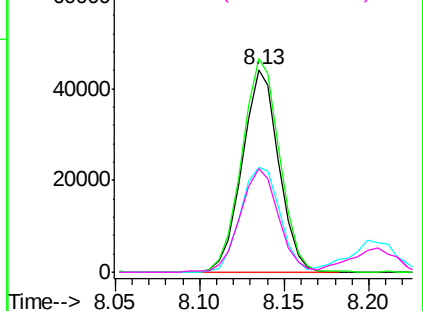
Tgt Ion:	107	Resp:	66300
Ion Ratio	Lower	Upper	
107	100		
108	105.4	96.6	144.8
77	51.7	51.2	76.8
79	51.0	45.9	68.9

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.45 ng

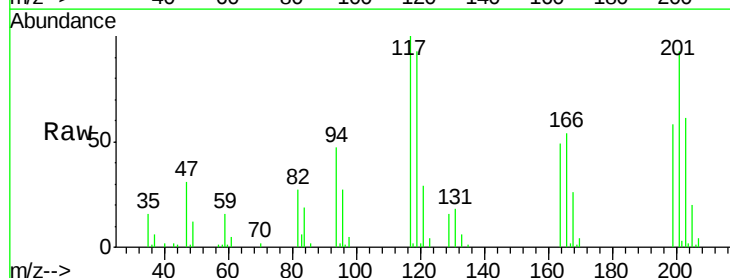
RT: 8.74 min Scan# 1030

Delta R.T. 0.00 min

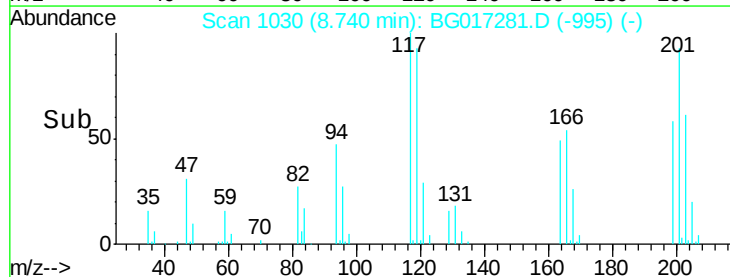
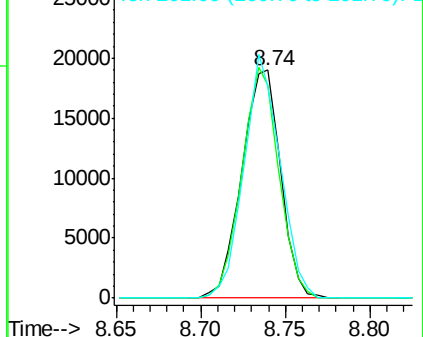
Lab File: BG017281.D

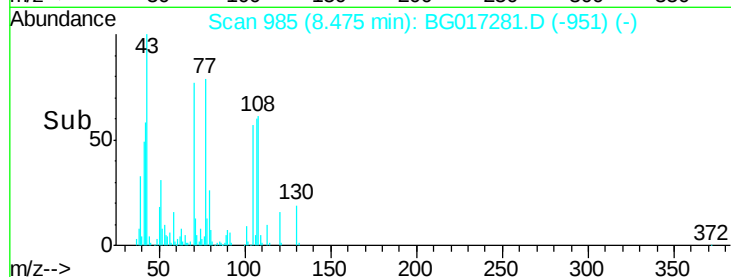
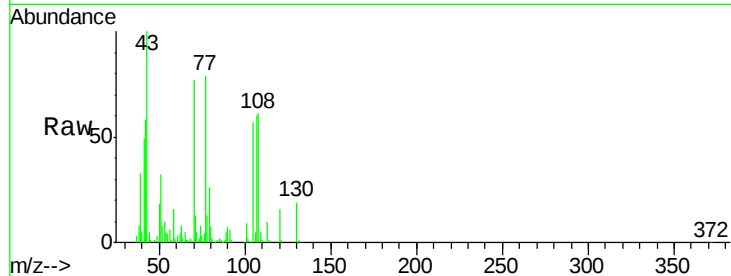
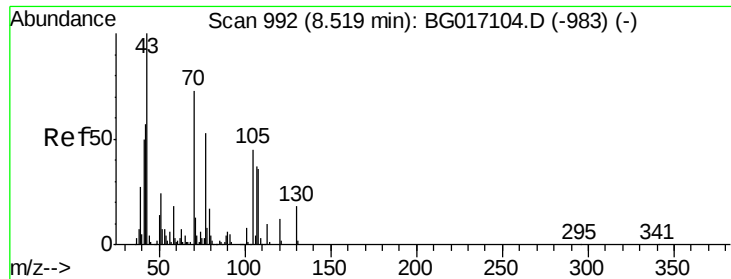
Acq: 26 May 2015 17:27

Tgt Ion:	117	Resp:	30420
Ion Ratio	Lower	Upper	
117	100		
119	93.4	73.0	109.6
201	92.7	81.7	122.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





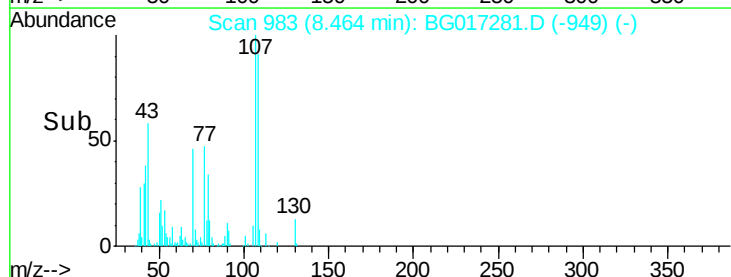
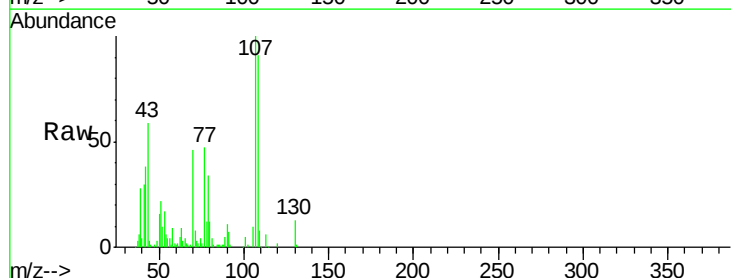
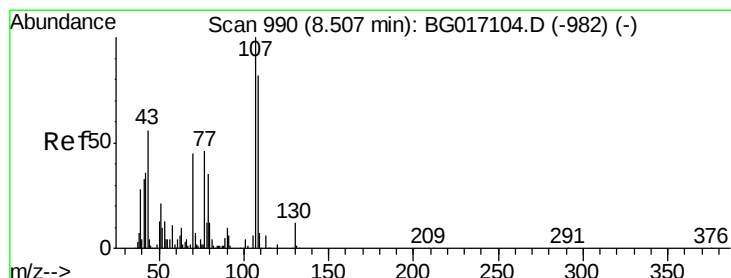
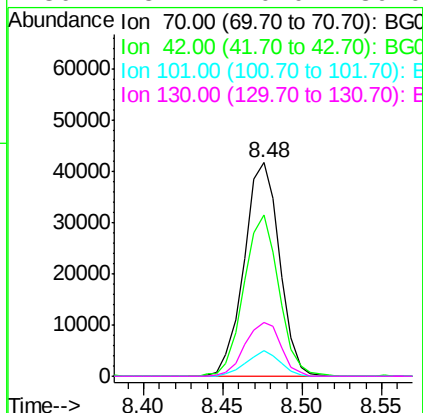
#19
n-Nitroso-di-n-propylamine
Concen: 35.71 ng
RT: 8.48 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

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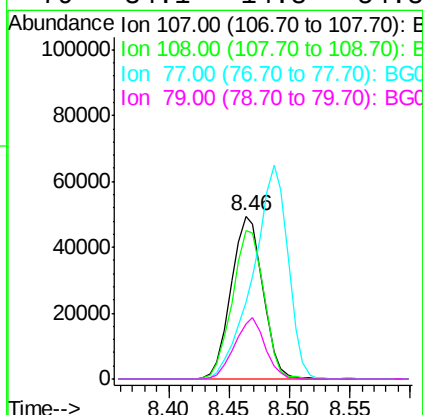
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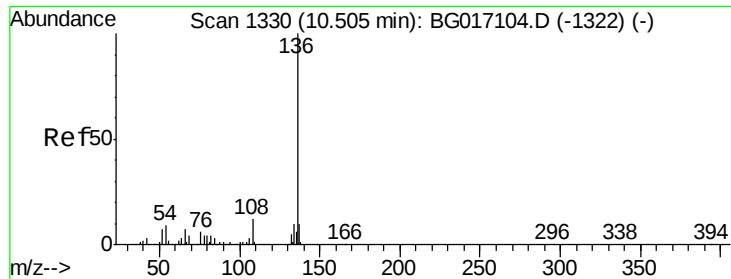
Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.6	62.6	94.0
101	12.1	9.0	13.4
130	25.2	20.0	30.0



#20
3+4-Methylphenols
Concen: 40.72 ng
RT: 8.46 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	62.2	102.2
77	47.0	26.0	66.0
79	34.1	14.8	54.8





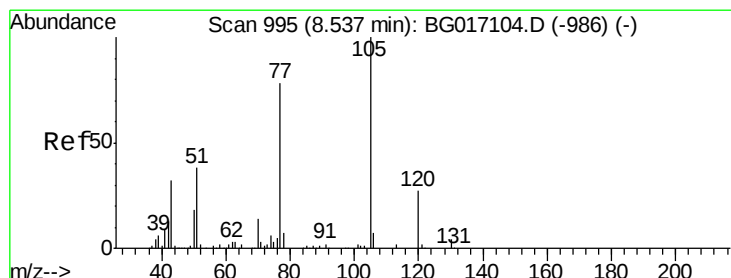
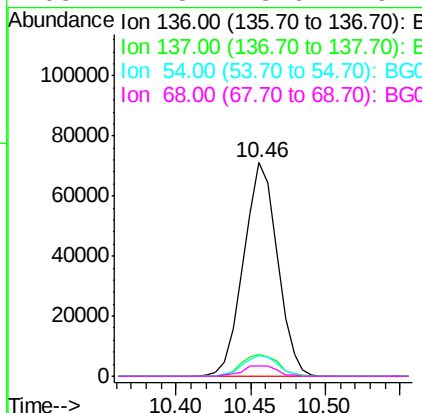
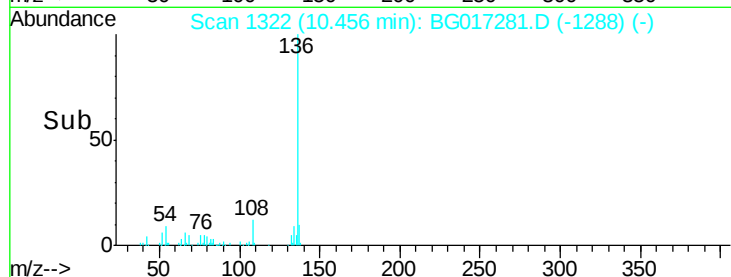
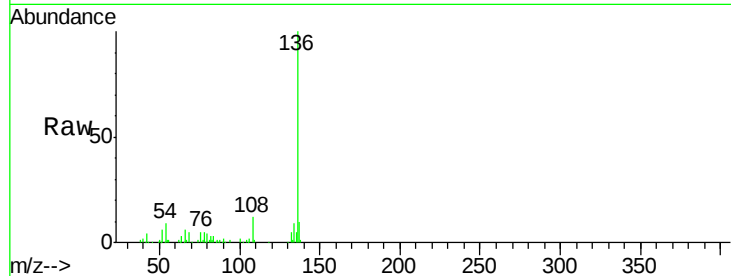
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	111225		
137	10.1	8.3	12.5	
54	9.4	7.4	11.2	
68	4.8	3.6	5.4	

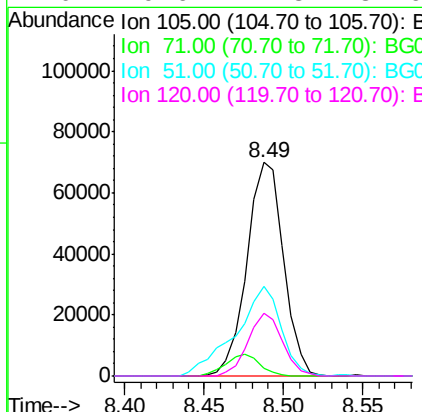
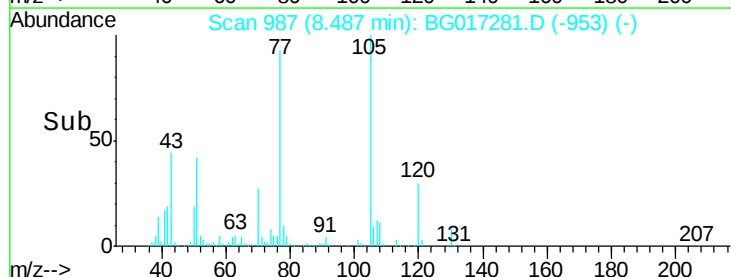
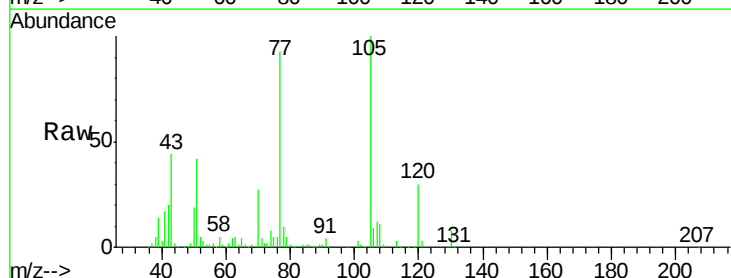
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#22
Acetophenone
Concen: 41.56 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	112196		
71	3.6	2.2	3.4#	
51	42.2	32.8	49.2	
120	29.6	21.8	32.6	





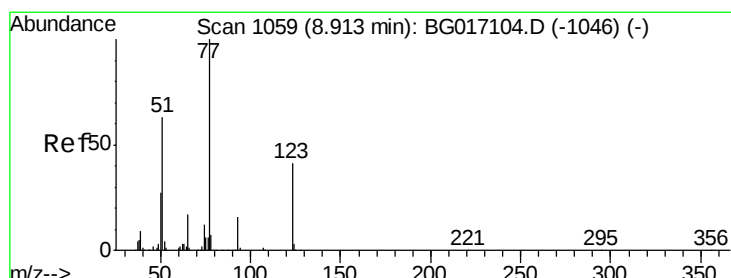
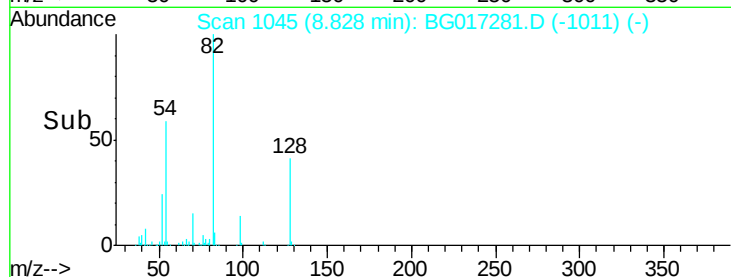
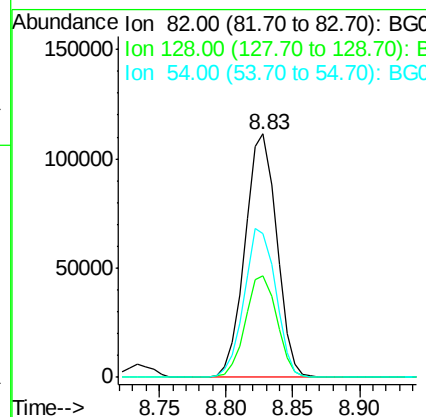
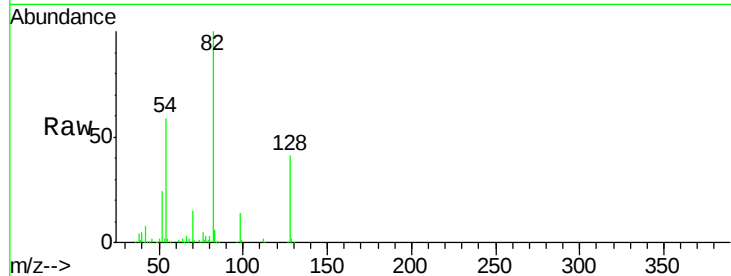
#23
 Nitrobenzene-d5
 Concen: 76.74 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	41.5	32.6	49.0
54	58.8	49.6	74.4

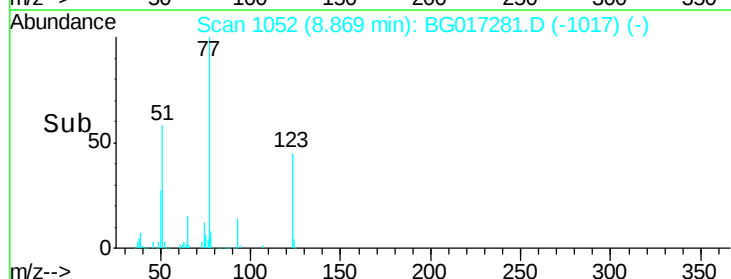
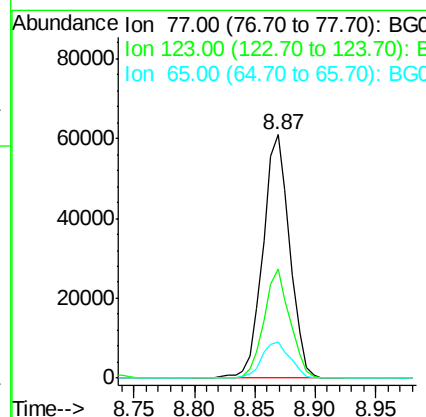
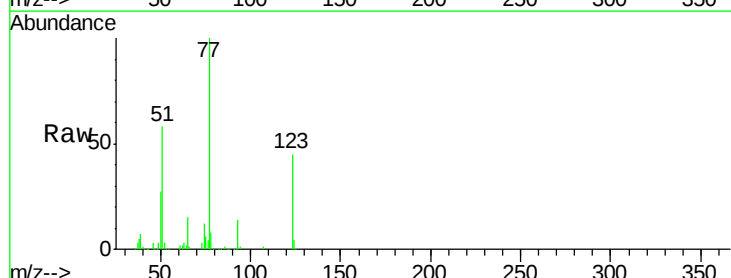
Manual Integrations
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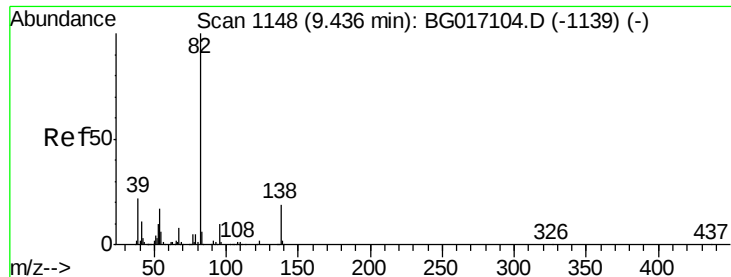
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#24
 Nitrobenzene
 Concen: 40.16 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	44.8	33.0	49.4
65	14.7	13.3	19.9





#25

Isophorone

Concen: 39.21 ng

RT: 9.39 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

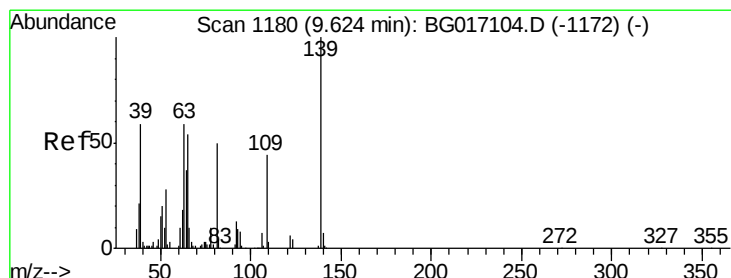
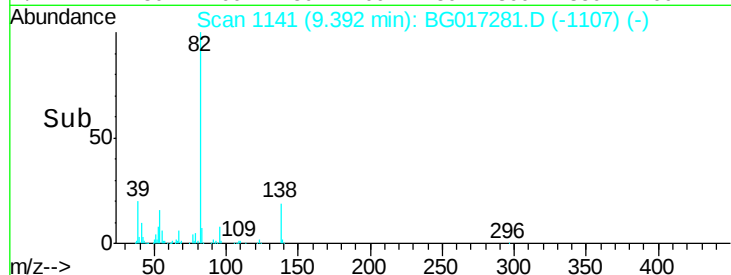
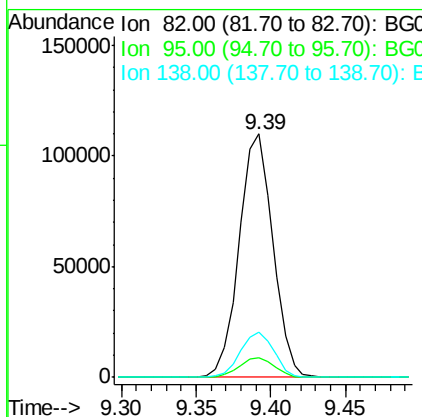
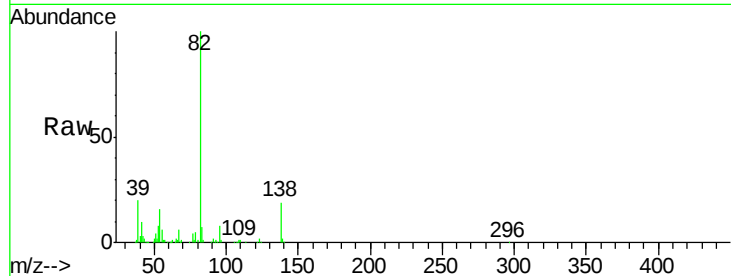
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	82	Resp:	172158
Ion Ratio	Lower	Upper	
82	100		
95	8.0	7.7	11.5
138	18.6	15.0	22.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.89 ng

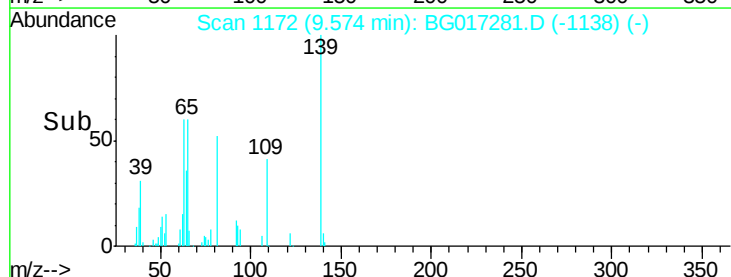
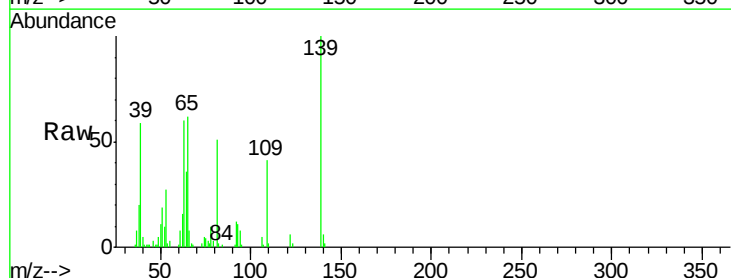
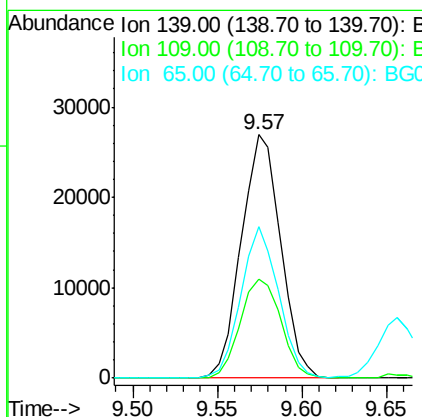
RT: 9.57 min Scan# 1172

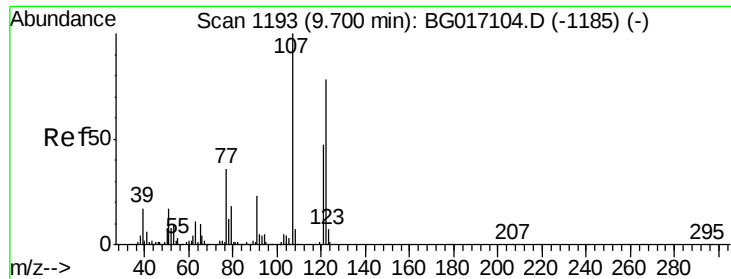
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	139	Resp:	43649
Ion Ratio	Lower	Upper	
139	100		
109	40.7	34.9	52.3
65	62.0	43.0	64.4





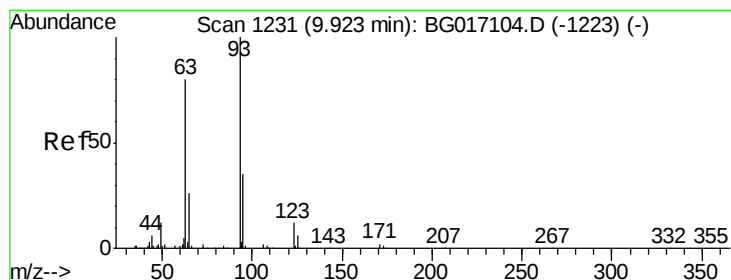
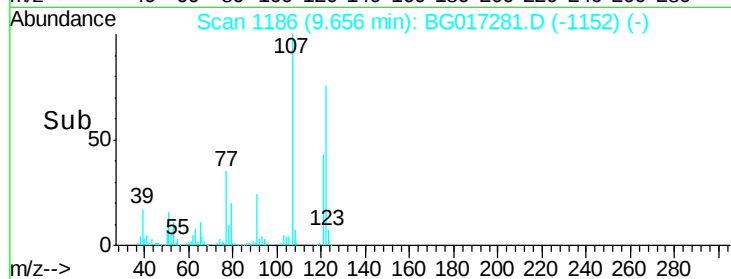
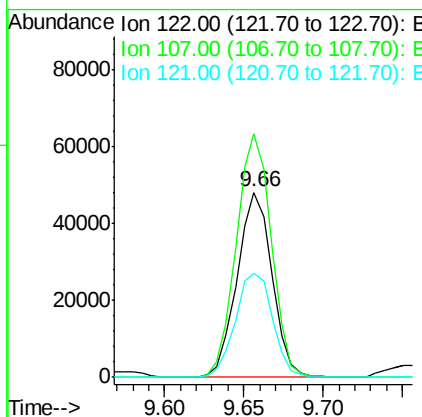
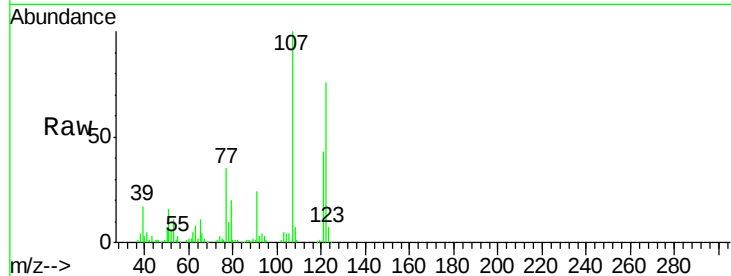
#27
 2,4-Dimethylphenol
 Concen: 42.78 ng
 RT: 9.66 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.7	102.3	153.5
121	56.2	48.7	73.1

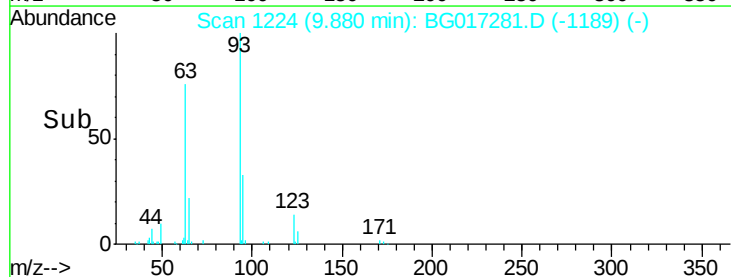
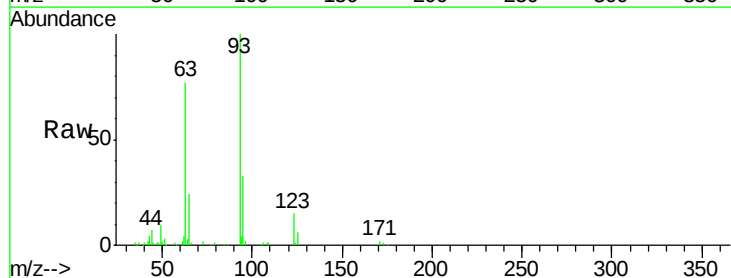
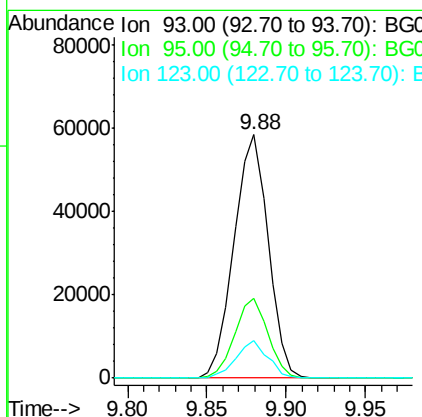
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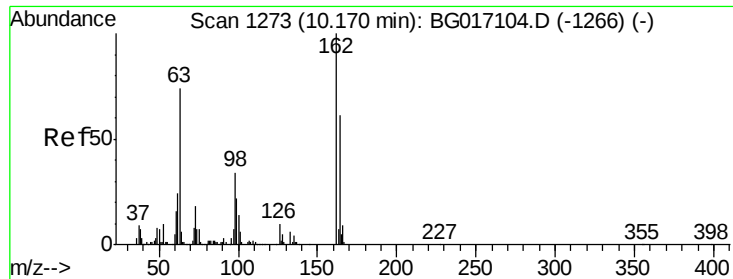
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.86 ng
 RT: 9.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	28.0	42.0
123	15.4	10.3	15.5





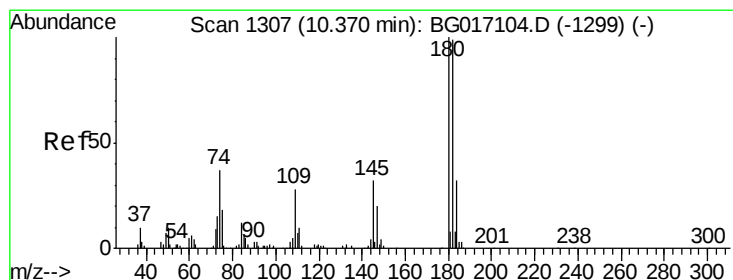
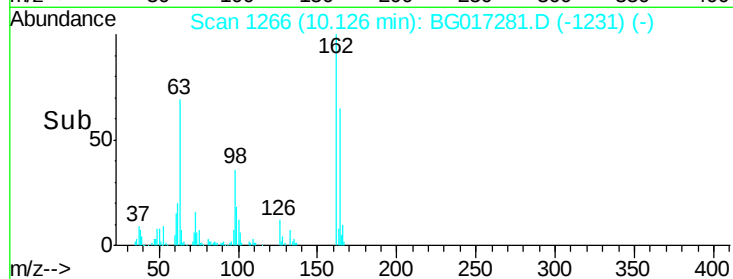
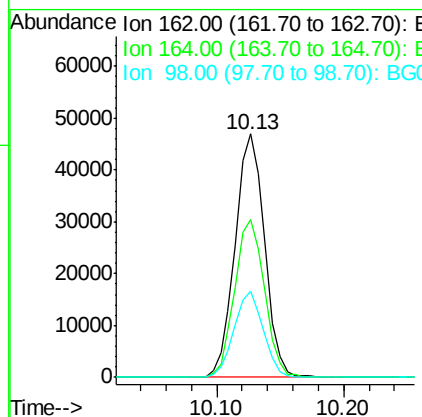
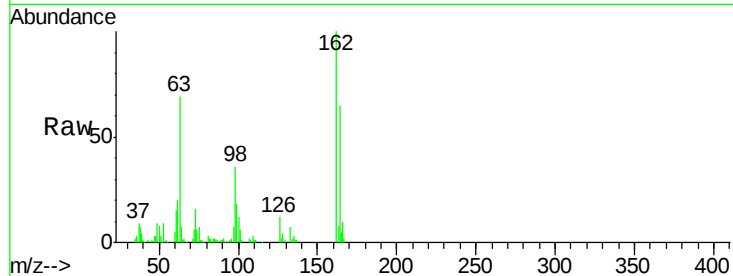
#29
2,4-Dichlorophenol
Concen: 46.39 ng
RT: 10.13 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	41.4	81.4
98	35.7	14.3	54.3

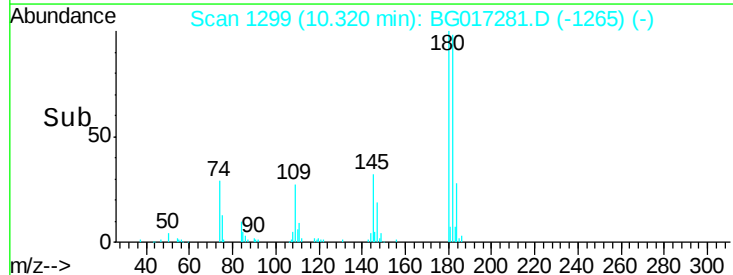
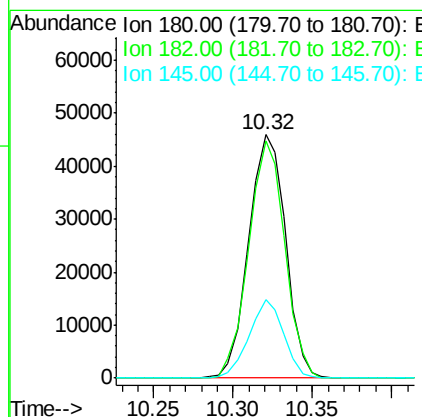
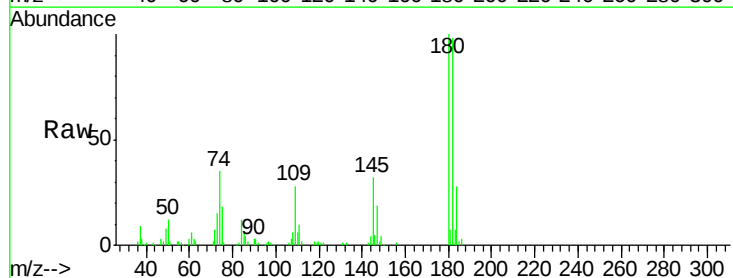
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#30
1,2,4-Trichlorobenzene
Concen: 40.57 ng
RT: 10.32 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.6	79.4	119.0
145	32.4	25.3	37.9





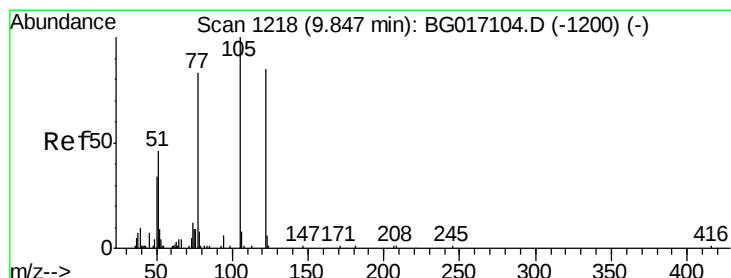
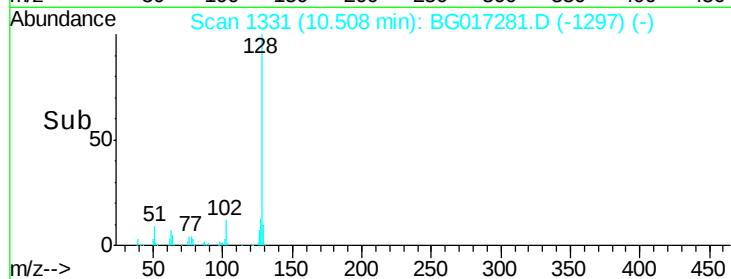
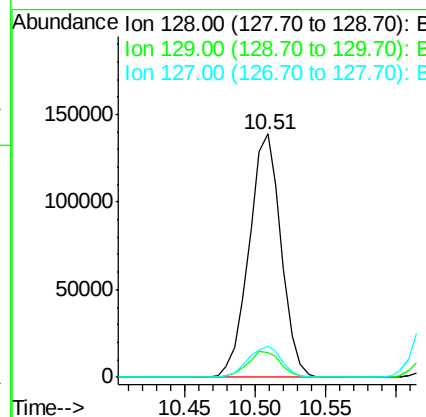
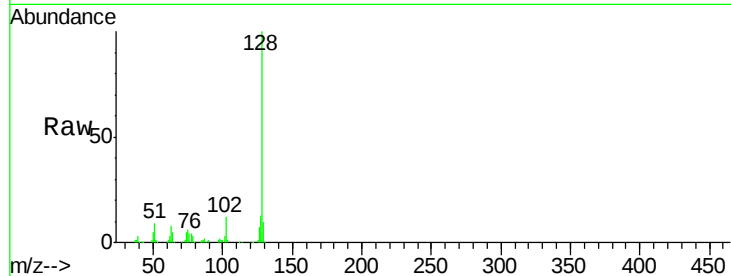
#31
Naphthalene
Concen: 40.53 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	10.0	7.6	11.4
127	12.9	10.6	16.0

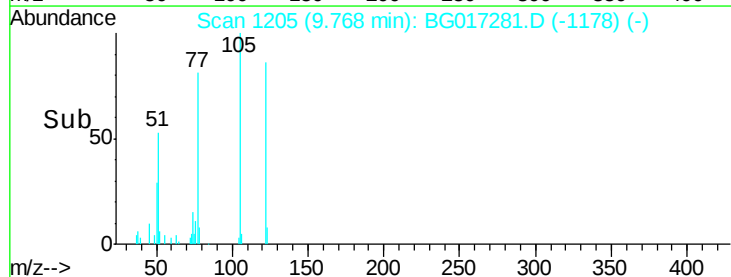
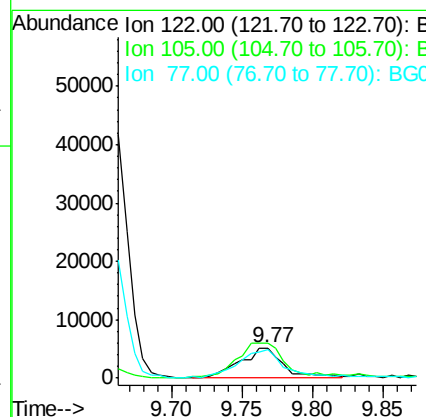
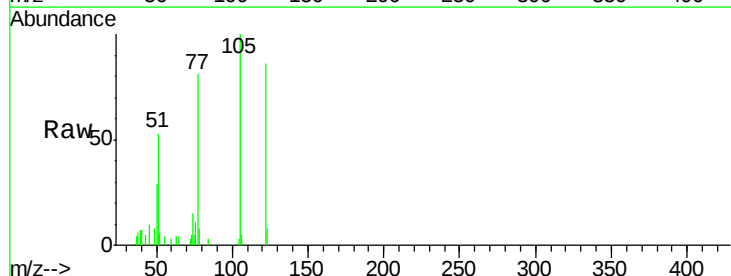
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#32
Benzoic acid
Concen: 9.82 ng
RT: 9.77 min Scan# 1205
Delta R.T. -0.04 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	116.9	96.7	136.7
77	94.8	78.5	118.5





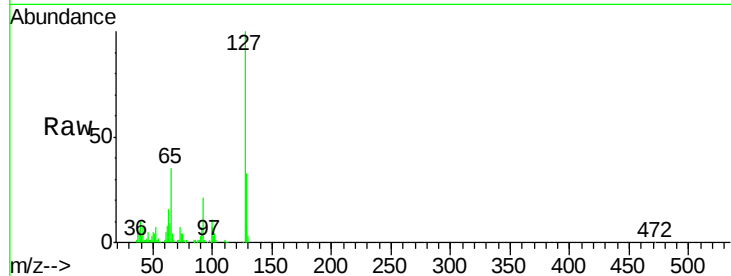
#33
4-Chloroaniline
Concen: 29.95 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

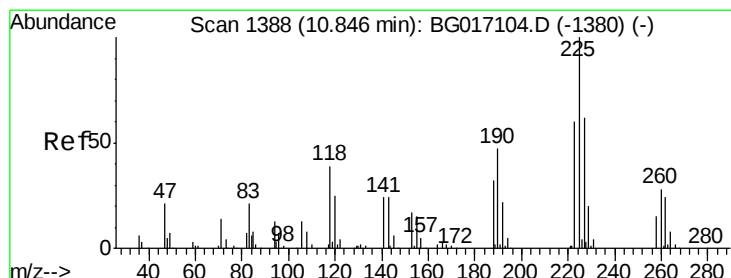
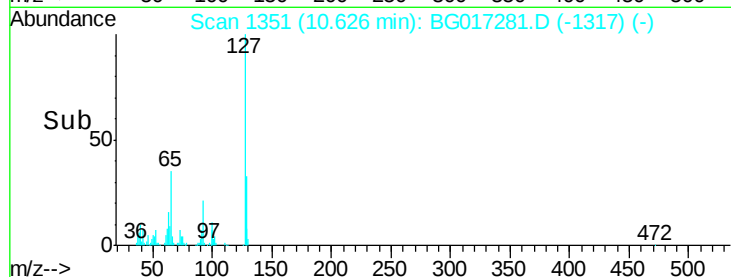
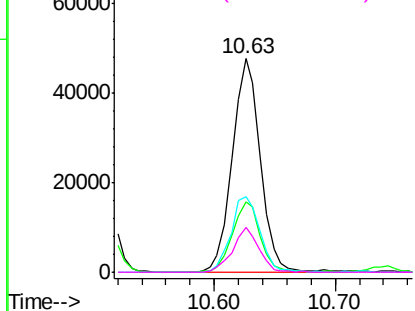
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	77089		
129	33.2	24.8	37.2	
65	35.1	25.8	38.6	
92	20.8	15.0	22.4	

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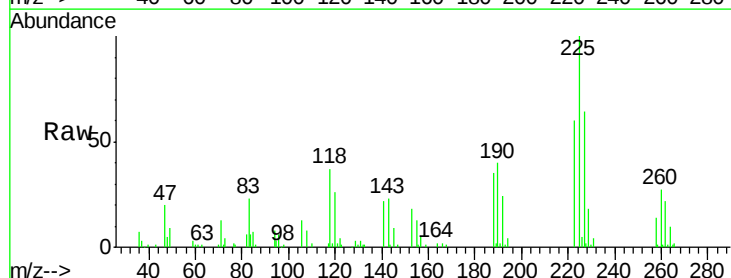


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

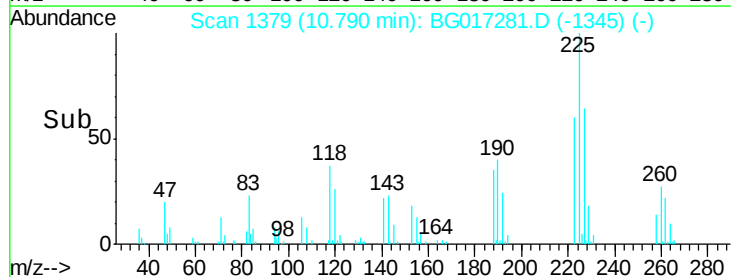
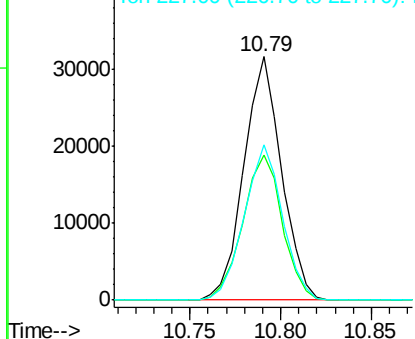


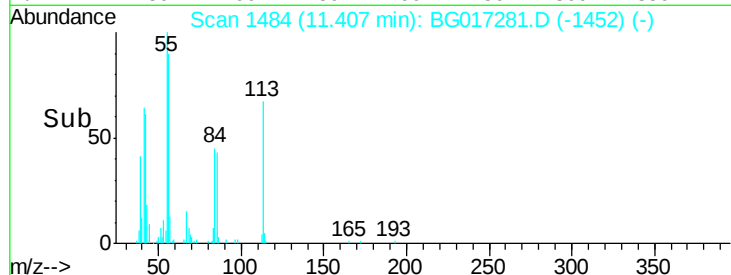
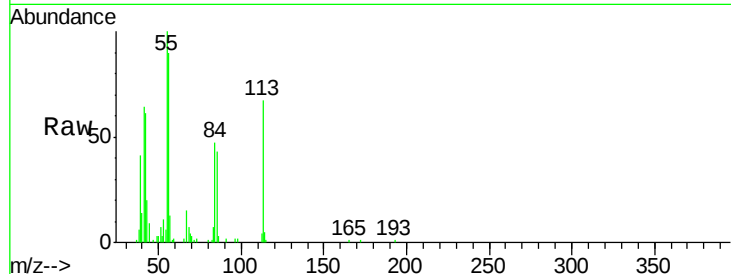
#34
Hexachlorobutadiene
Concen: 39.23 ng
RT: 10.79 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45595		
223	59.8	48.3	72.5	
227	65.6	49.8	74.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.23 ng m

RT: 11.41 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	113	Resp:	33539
Ion Ratio	Lower	Upper	
113	100		
55	148.3	124.1	164.1
56	133.2	100.3	140.3

Instrument :

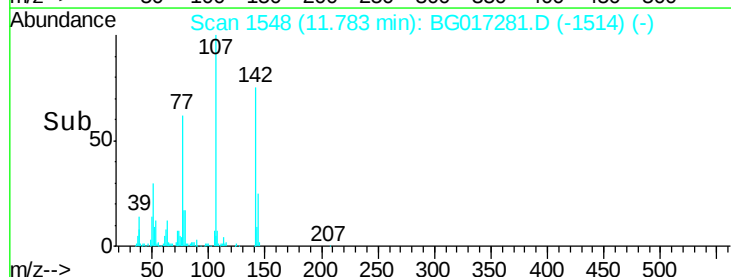
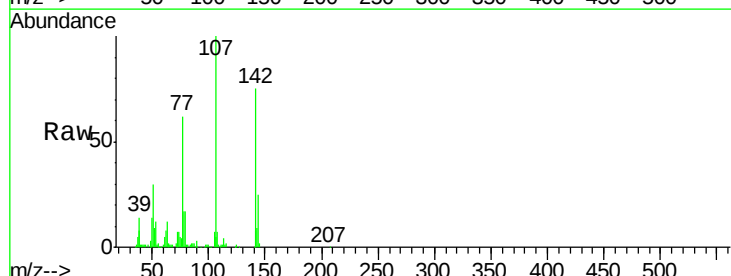
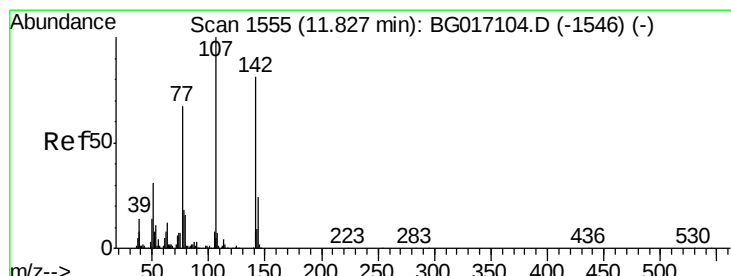
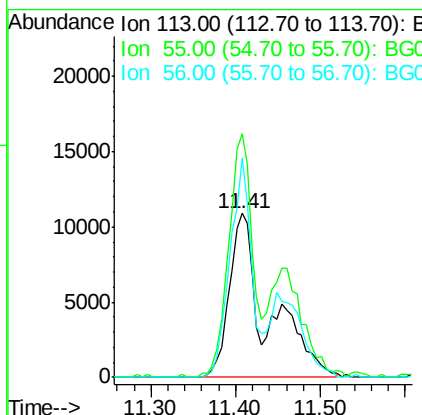
BNA_G

ClientSampleId :

HF-1(18-19)MS

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#36

4-Chloro-3-methylphenol

Concen: 45.58 ng

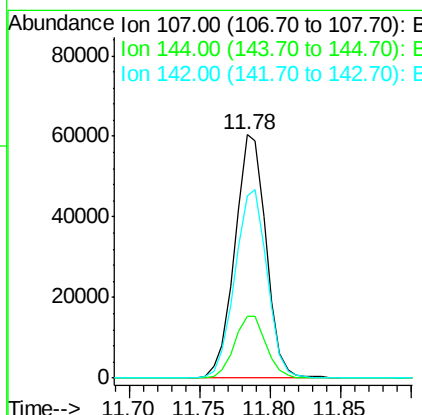
RT: 11.78 min Scan# 1548

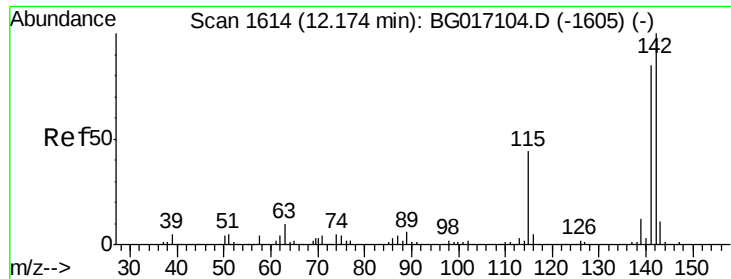
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	107	Resp:	93165
Ion Ratio	Lower	Upper	
107	100		
144	25.2	19.6	29.4
142	74.9	64.9	97.3





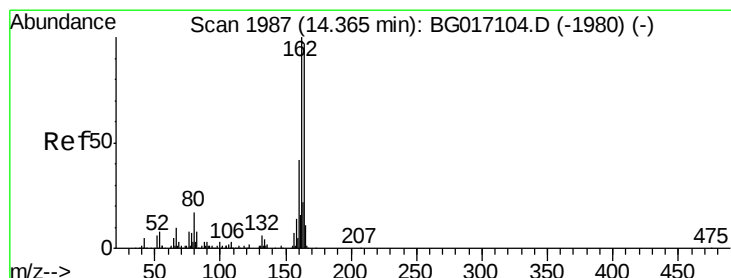
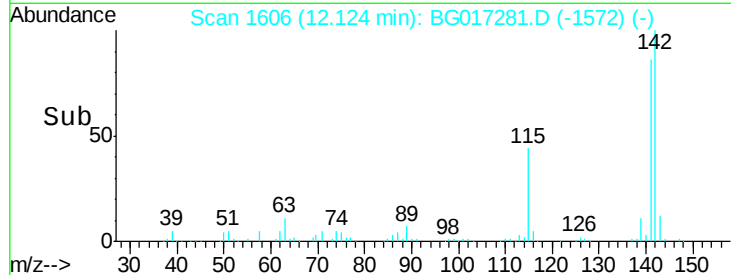
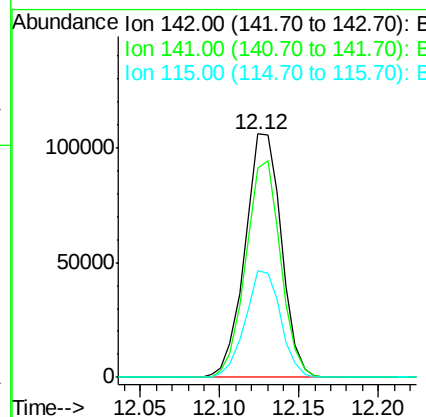
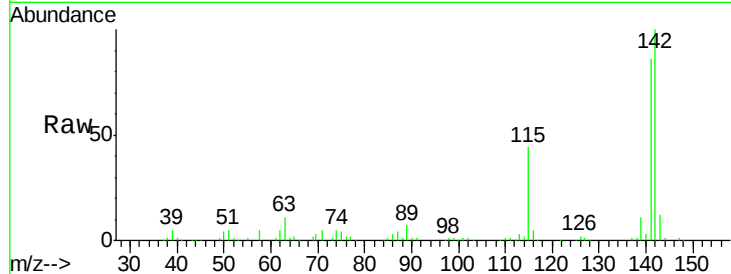
#37
2-Methylnaphthalene
Concen: 39.08 ng
RT: 12.12 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Instrument :
BNA_G
ClientSampled :
HF-1(18-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	168678		
141	86.0	68.2	102.2	
115	44.0	35.6	53.4	

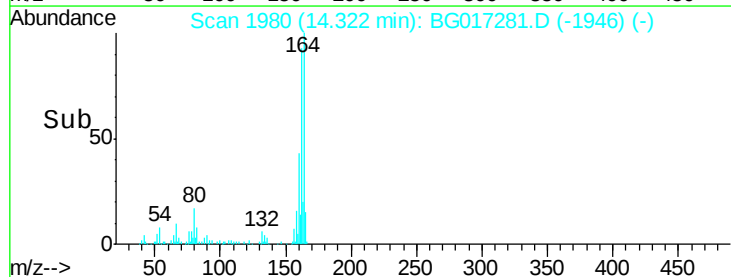
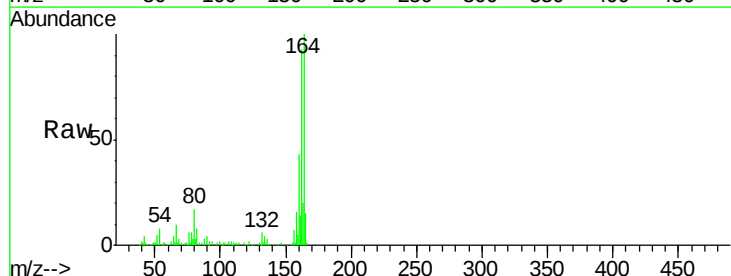
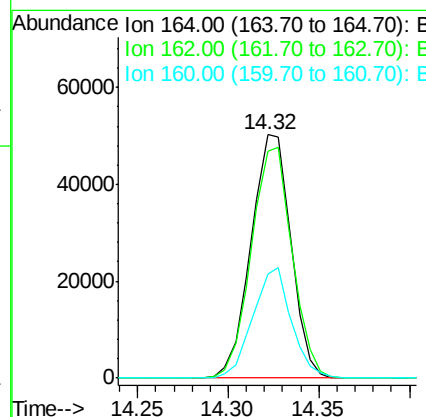
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76686		
162	93.1	82.1	123.1	
160	42.9	34.8	52.2	





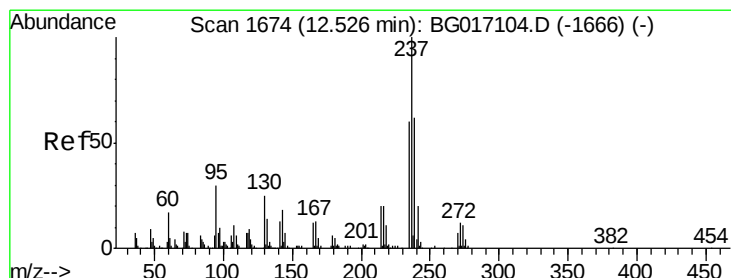
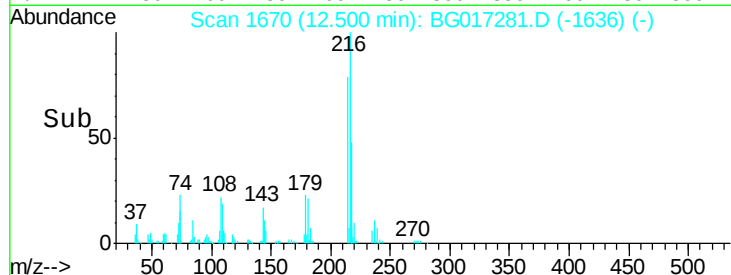
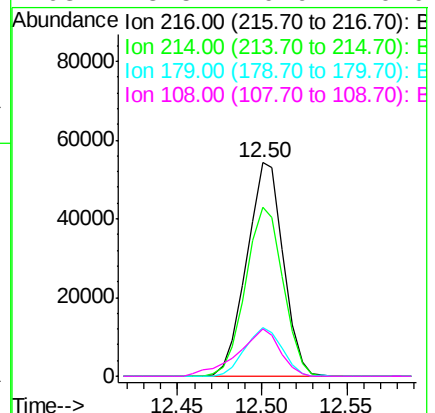
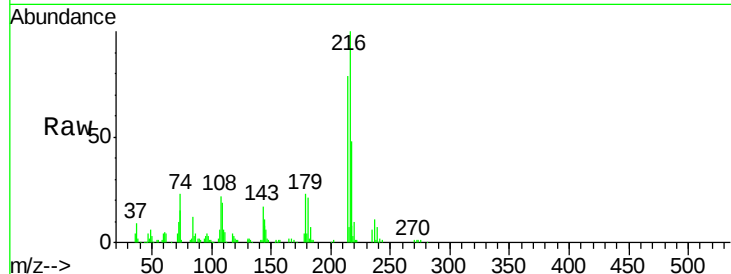
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.62 ng
 RT: 12.50 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	81624		
214	81.2	63.3	94.9	
179	22.9	17.8	26.8	
108	25.5	19.9	29.9	

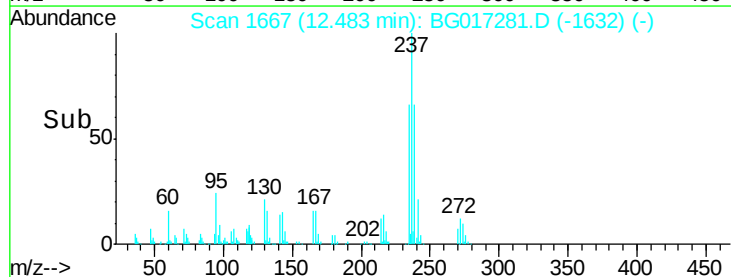
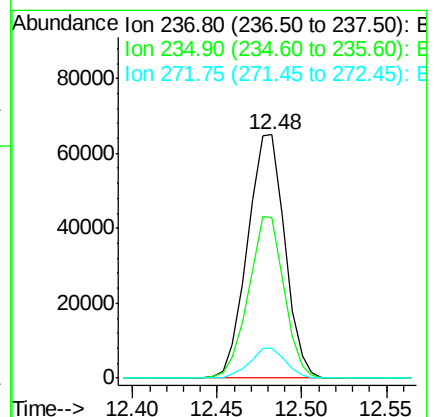
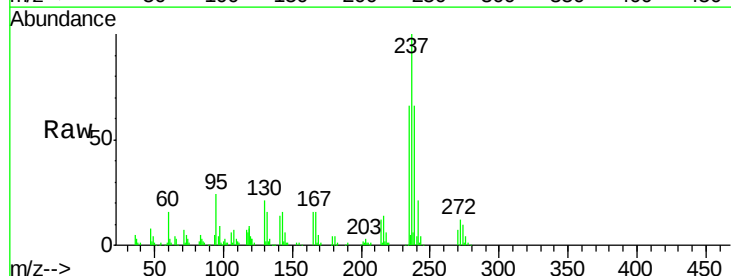
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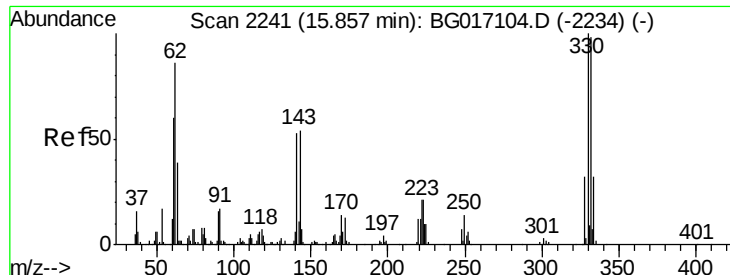
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#40
 Hexachlorocyclopentadiene
 Concen: 75.38 ng
 RT: 12.48 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	99766		
235	66.0	39.7	79.7	
272	12.5	0.0	32.1	





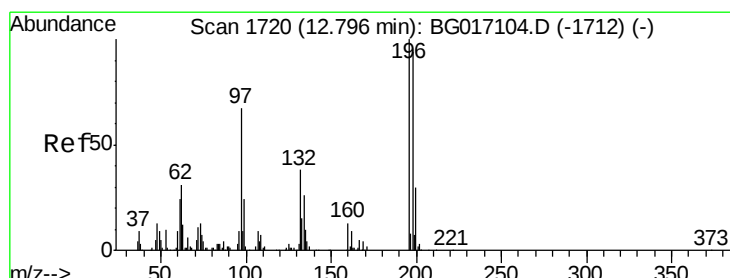
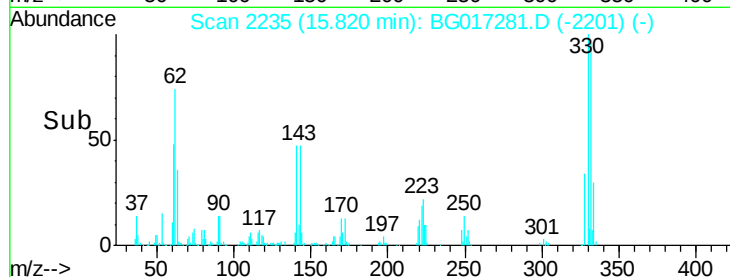
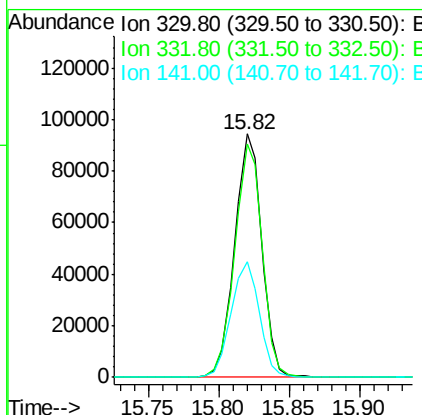
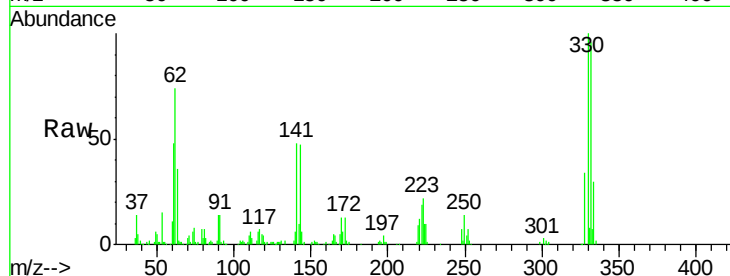
#41
 2,4,6-Tribromophenol
 Concen: 136.27 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	126328		
332	97.0	76.9	115.3	
141	49.4	42.2	63.2	

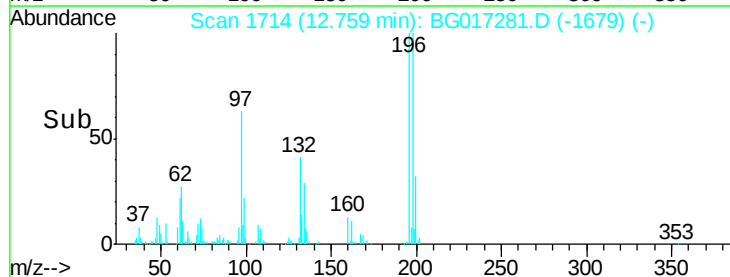
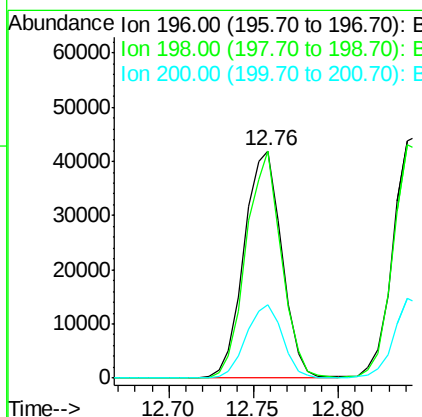
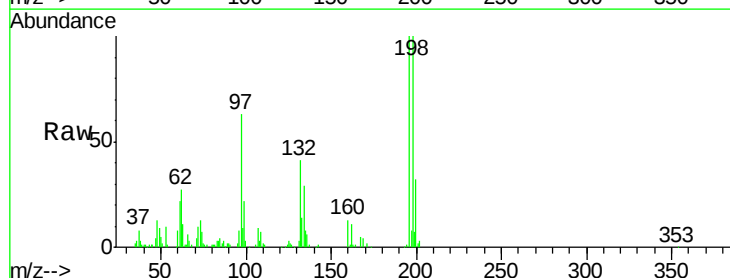
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#42
 2,4,6-Trichlorophenol
 Concen: 42.33 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65141		
198	100.0	74.9	112.3	
200	32.4	24.2	36.2	





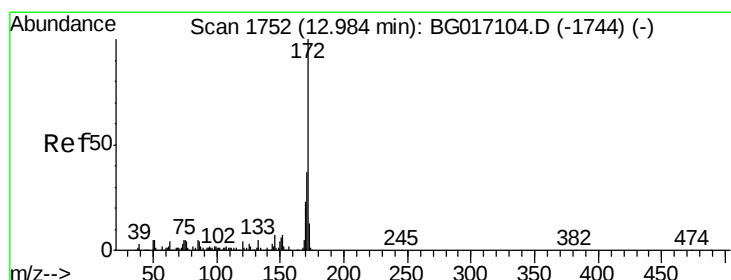
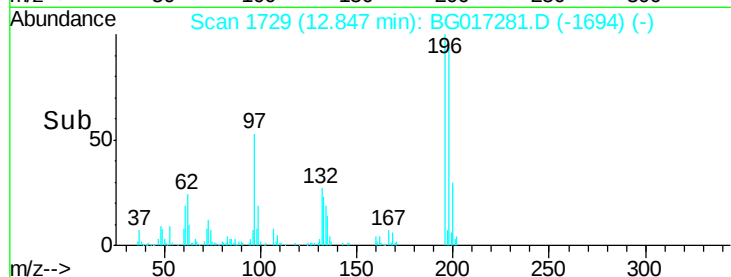
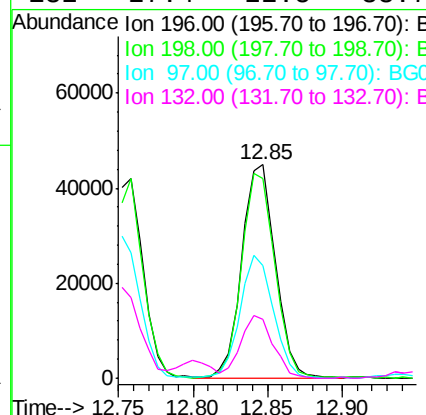
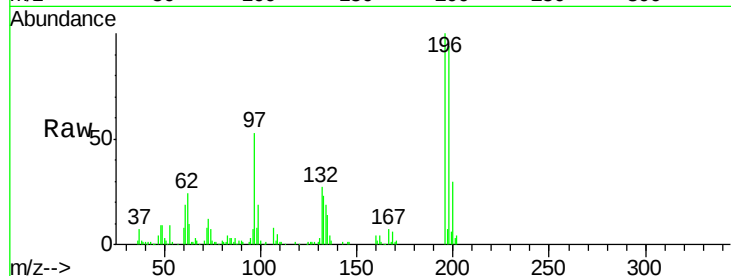
#43
 2,4,5-Trichlorophenol
 Concen: 44.46 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70499		
198	93.8	71.4	107.0	
97	52.8	45.4	68.0	
132	27.4	22.5	33.7	

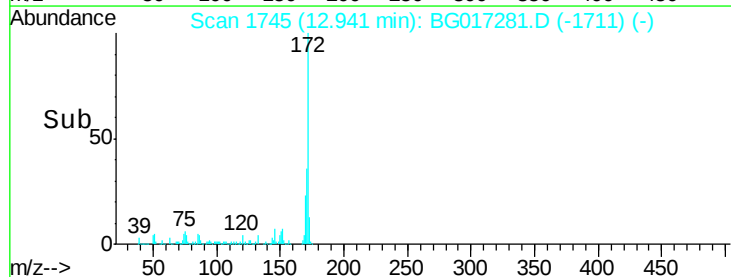
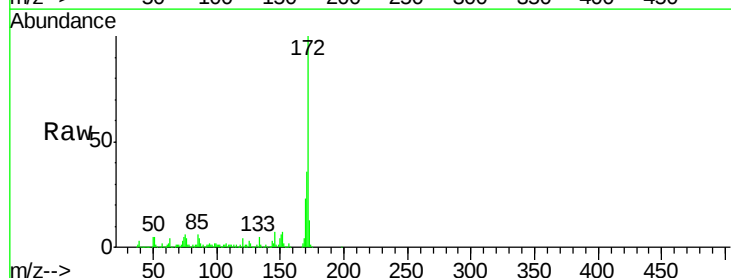
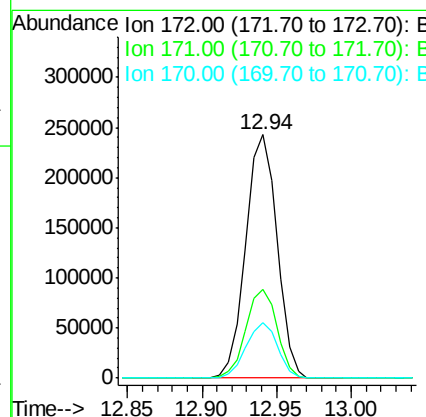
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#44
 2-Fluorobiphenyl
 Concen: 67.33 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	351881		
171	36.3	29.7	44.5	
170	23.0	18.4	27.6	





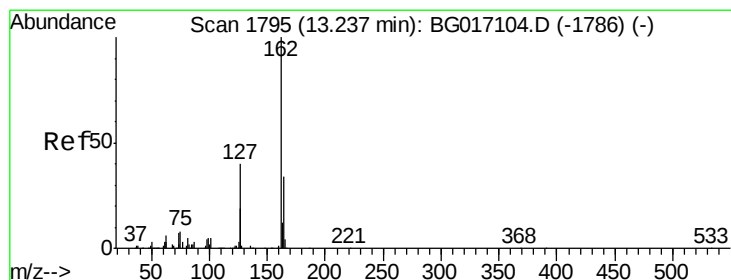
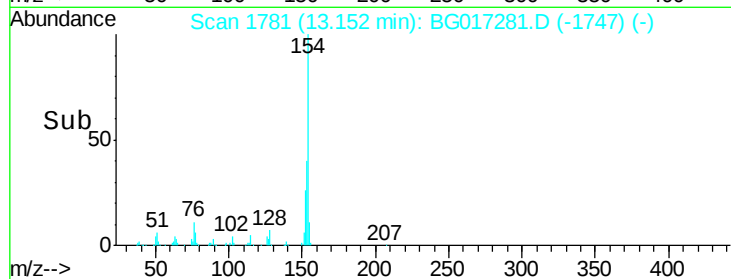
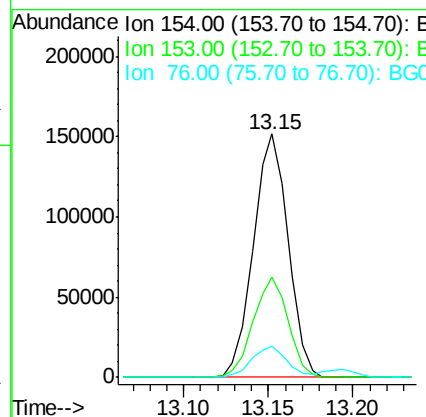
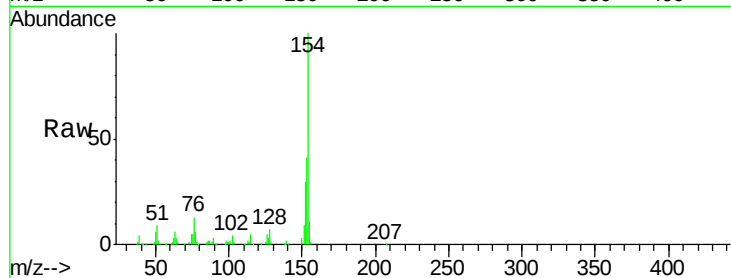
#45
 1,1'-Biphenyl
 Concen: 39.15 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	216250		
153	41.3	21.5	61.5	
76	12.9	0.0	31.9	

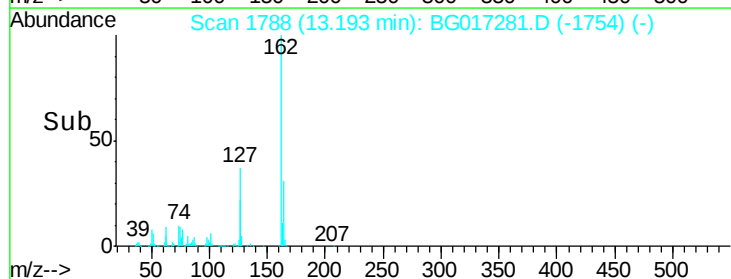
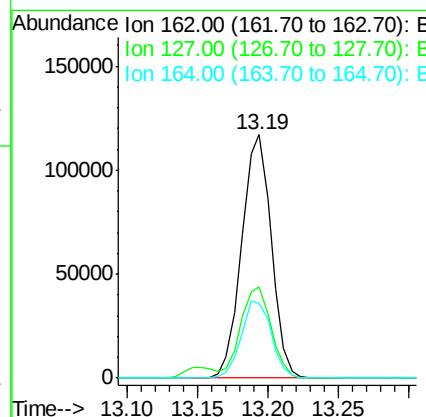
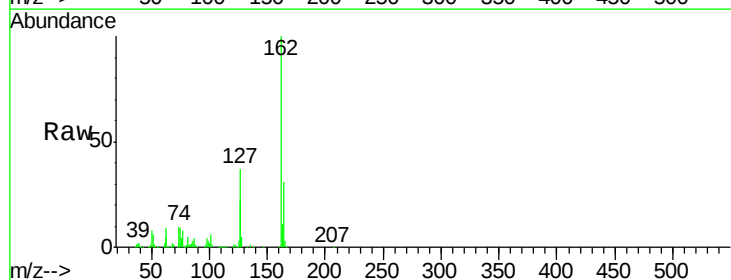
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#46
 2-Chloronaphthalene
 Concen: 39.31 ng
 RT: 13.19 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	171914		
127	37.3	33.5	50.3	
164	30.9	27.0	40.6	





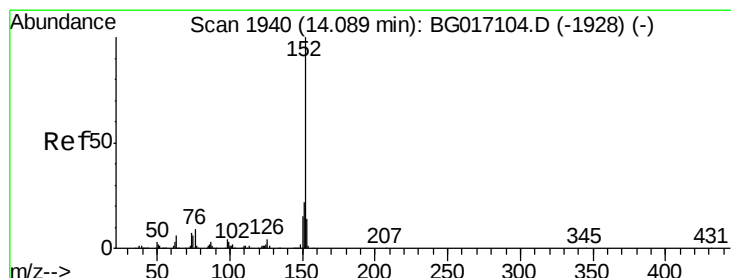
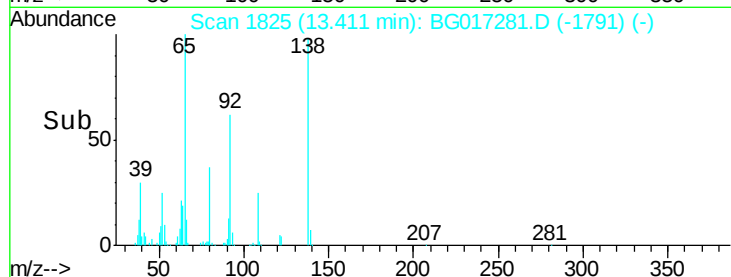
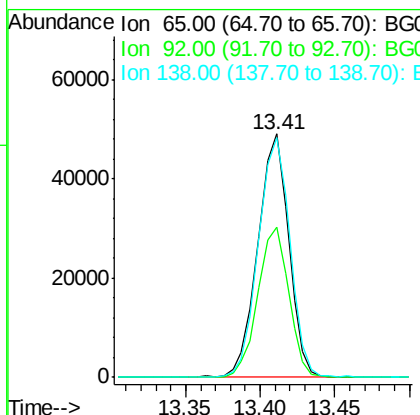
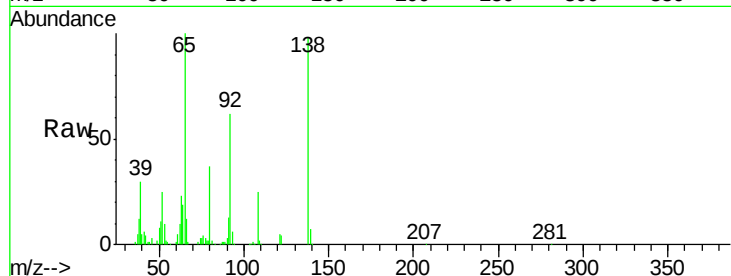
#47
2-Nitroaniline
Concen: 41.25 ng
RT: 13.41 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.8	51.0	76.4
138	98.4	79.3	118.9

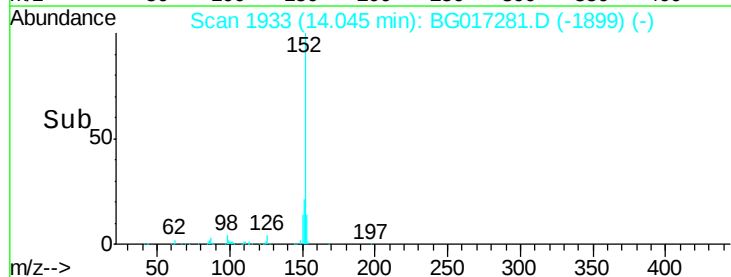
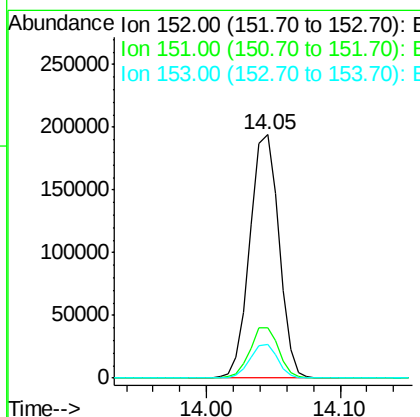
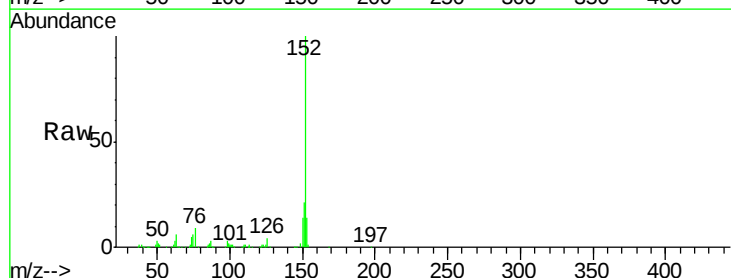
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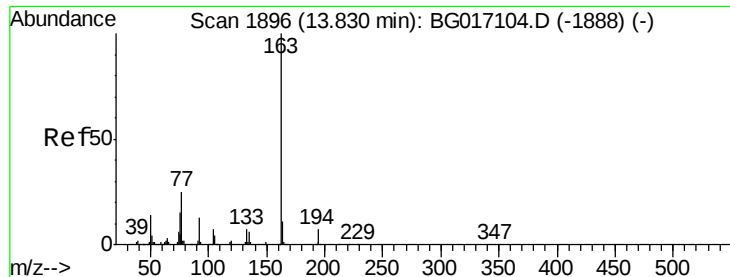
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#48
Acenaphthylene
Concen: 38.81 ng
RT: 14.05 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	13.8	10.8	16.2





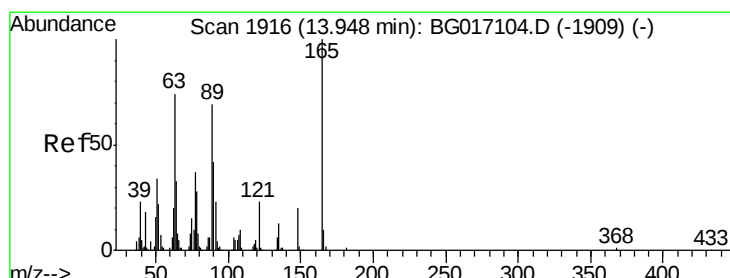
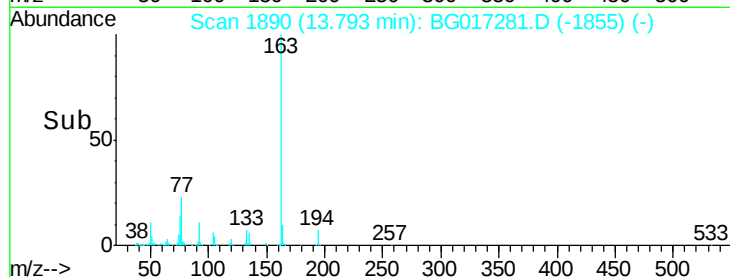
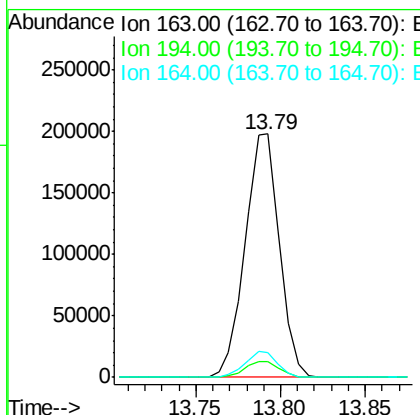
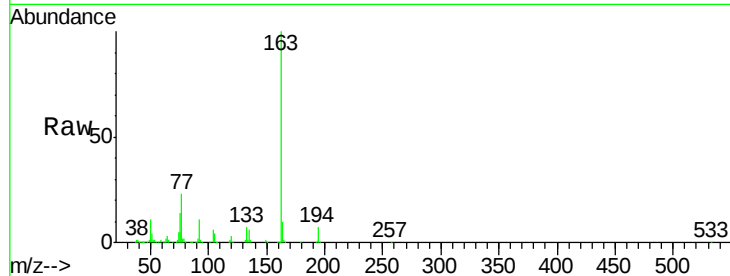
#49
Dimethylphthalate
Concen: 46.56 ng
RT: 13.79 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	279188		
194	6.7	5.6	8.4	
164	9.9	8.6	13.0	

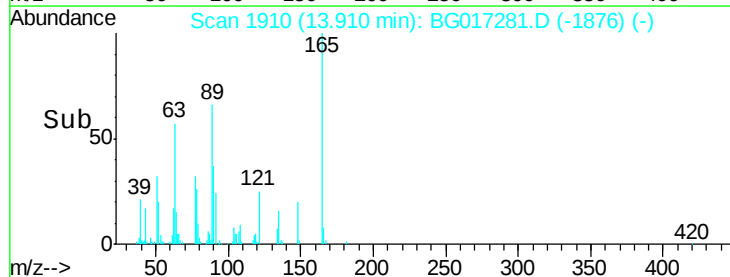
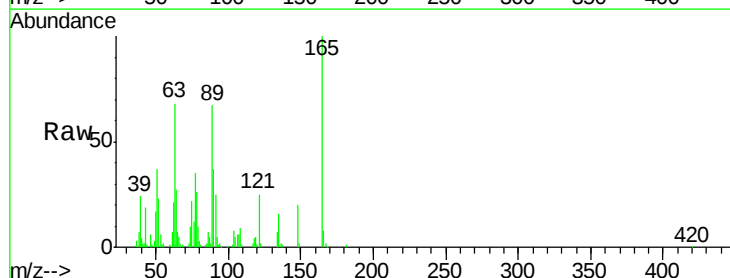
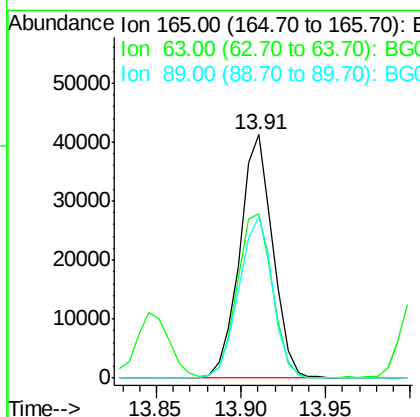
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#50
2,6-Dinitrotoluene
Concen: 42.21 ng
RT: 13.91 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56084		
63	67.6	60.6	90.8	
89	66.5	55.0	82.6	





#51

Acenaphthene

Concen: 38.90 ng

RT: 14.39 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

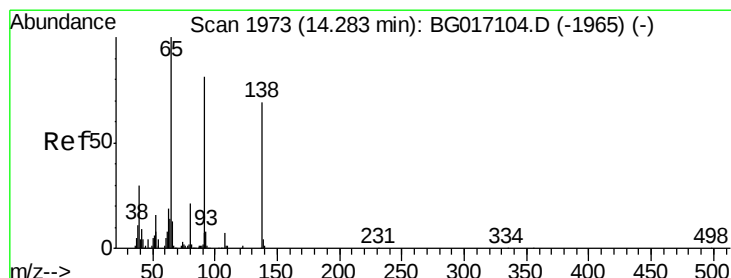
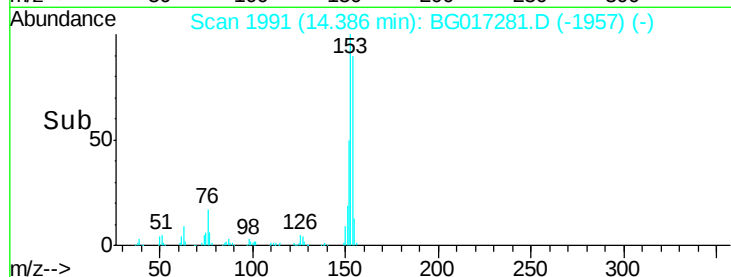
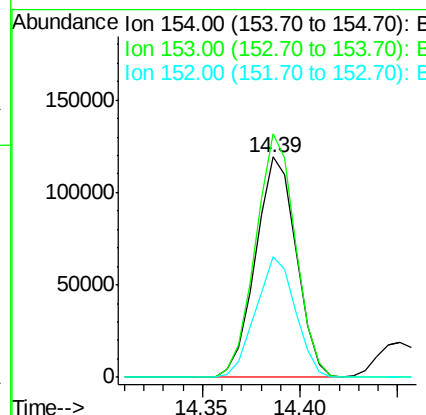
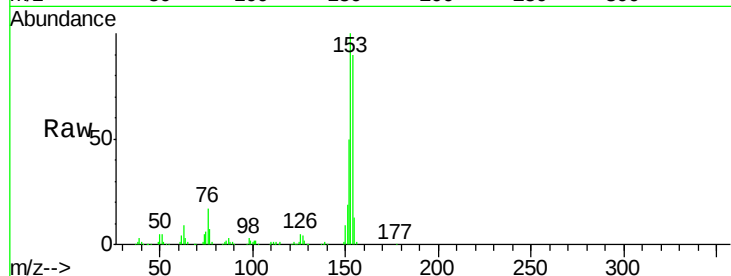
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	154	Resp:	172116
Ion Ratio	Lower	Upper	
154	100		
153	110.6	86.2	129.4
152	55.1	41.5	62.3

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#52

3-Nitroaniline

Concen: 36.17 ng

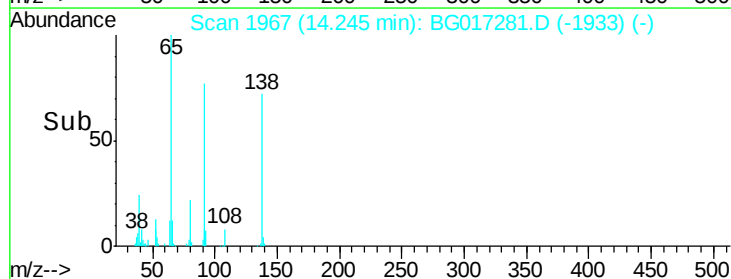
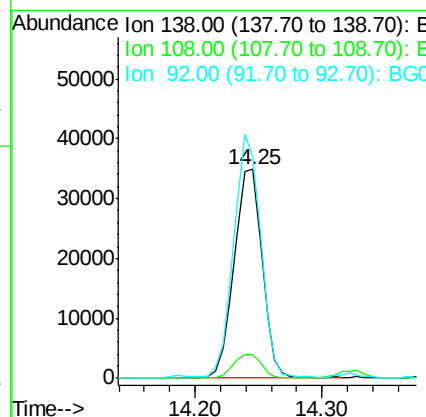
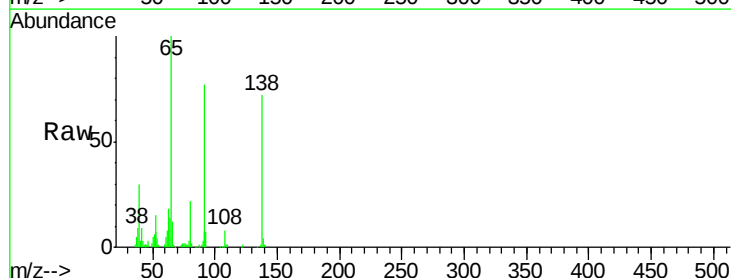
RT: 14.25 min Scan# 1967

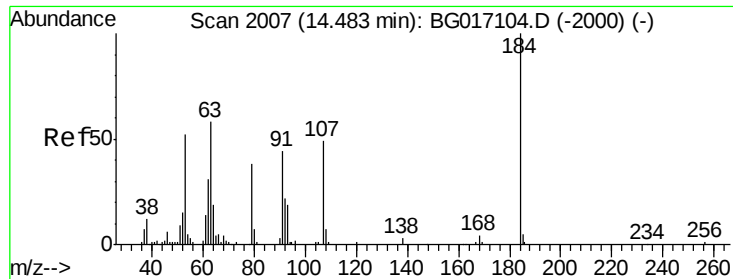
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	138	Resp:	53324
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.6	11.4
92	106.5	93.6	140.4





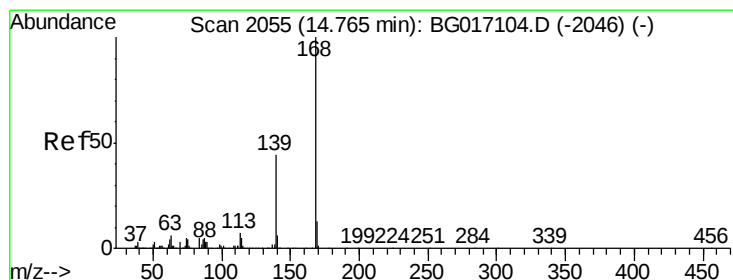
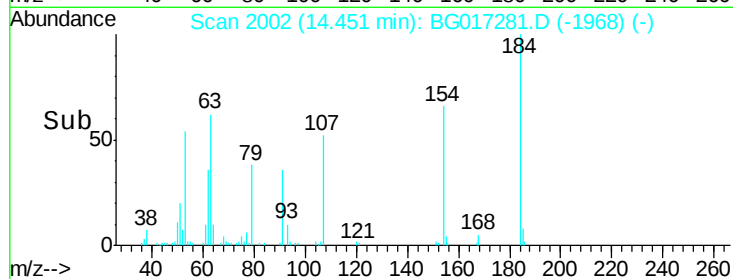
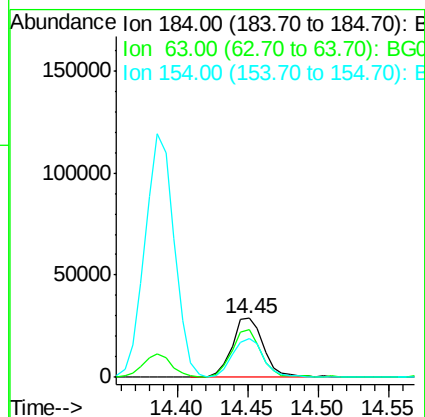
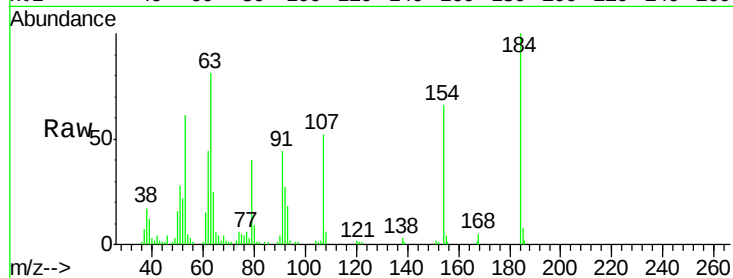
#53
2,4-Dinitrophenol
Concen: 58.95 ng
RT: 14.45 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	45480		
63	81.2	63.6	95.4	
154	66.3	47.8	71.6	

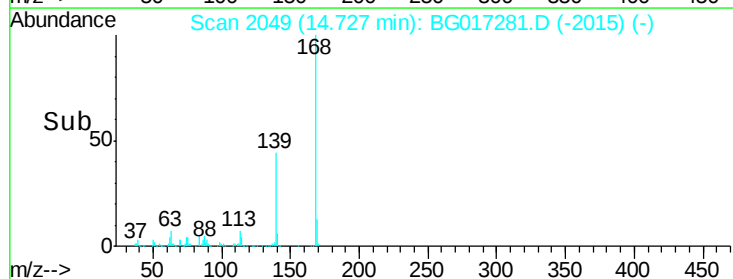
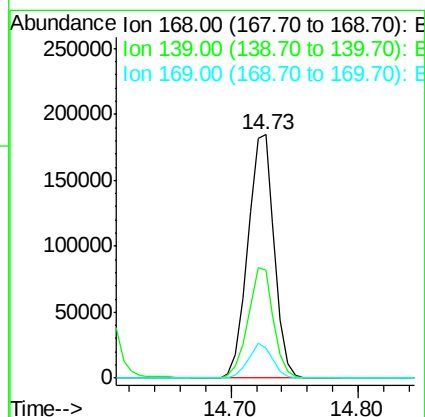
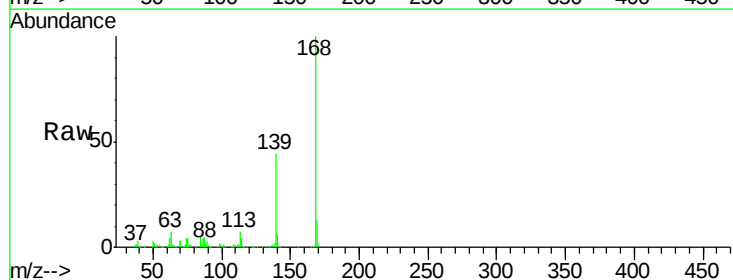
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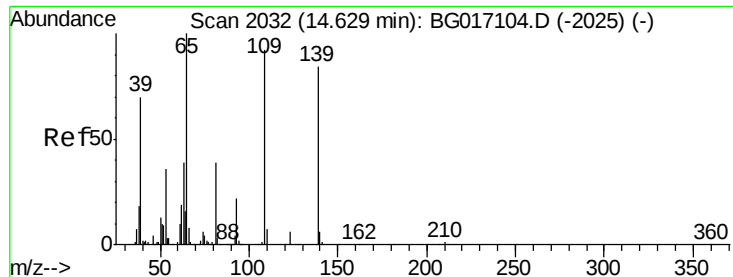
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#54
Dibenzofuran
Concen: 40.24 ng
RT: 14.73 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	264690		
139	44.1	34.9	52.3	
169	12.5	10.5	15.7	





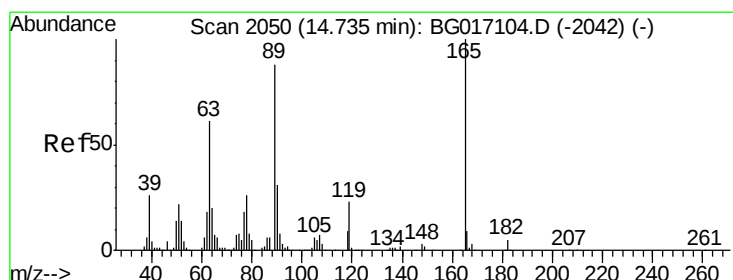
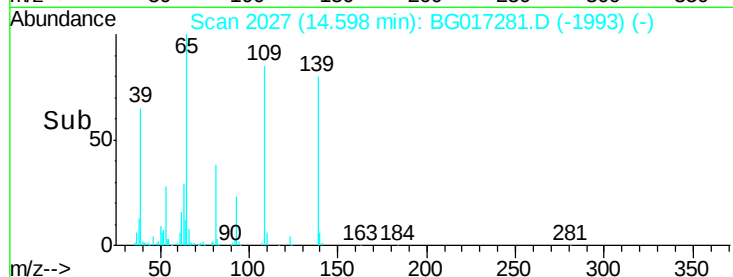
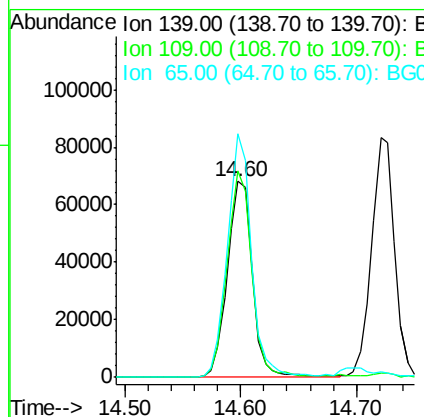
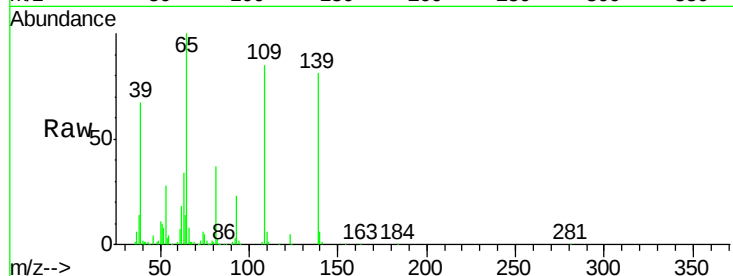
#55
4-Nitrophenol
Concen: 87.19 ng
RT: 14.60 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	103504		
109	105.4	90.5	130.5	
65	124.1	99.9	139.9	

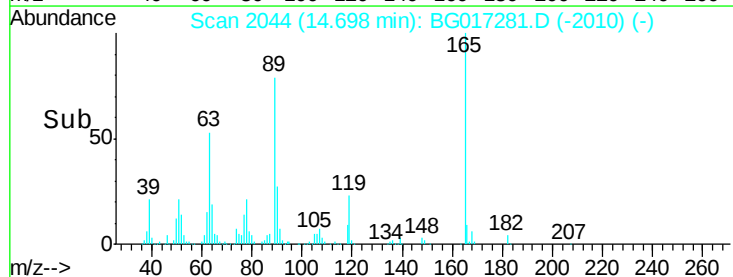
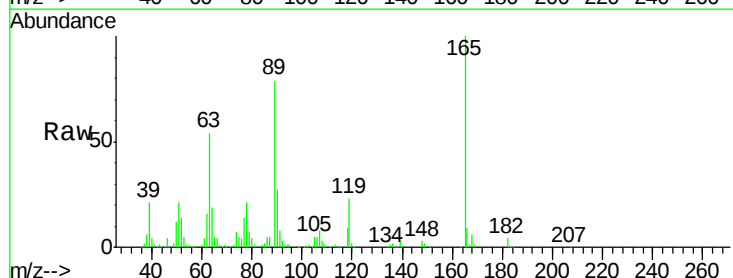
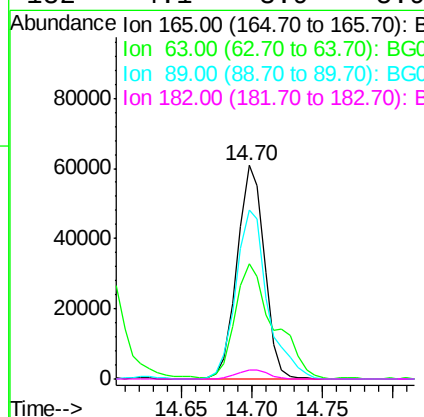
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#56
2,4-Dinitrotoluene
Concen: 44.18 ng
RT: 14.70 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81874		
63	53.9	49.0	73.4	
89	79.3	70.1	105.1	
182	4.1	3.9	5.9	





#57

Fluorene

Concen: 39.94 ng

RT: 15.37 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

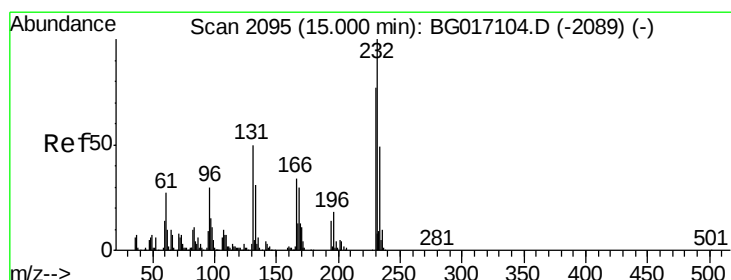
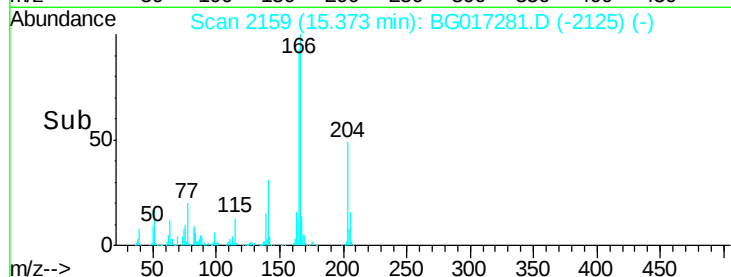
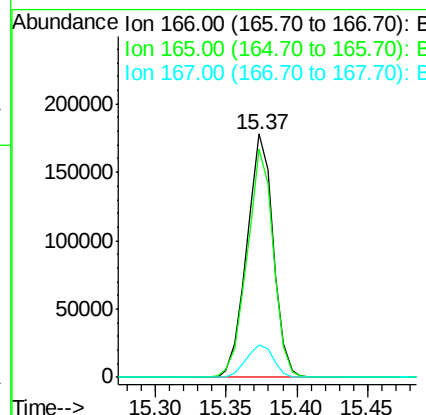
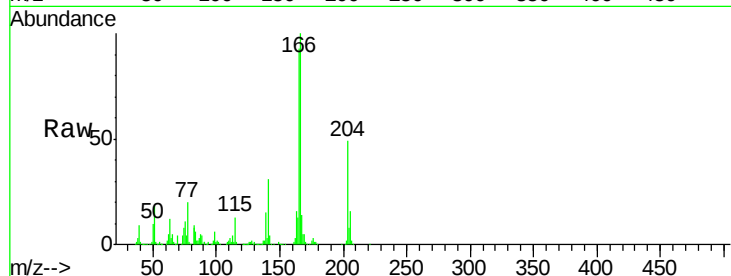
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	166	Resp:	232543
Ion Ratio	Lower	Upper	
166	100		
165	93.5	74.2	111.4
167	13.6	9.8	14.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.68 ng

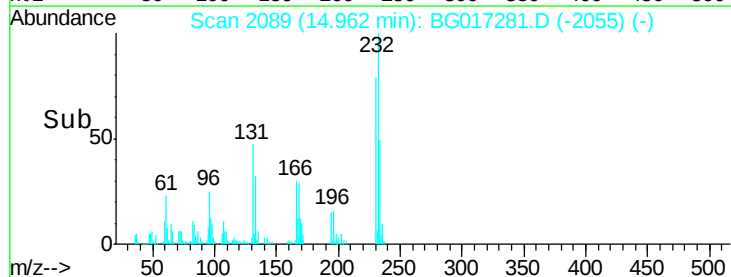
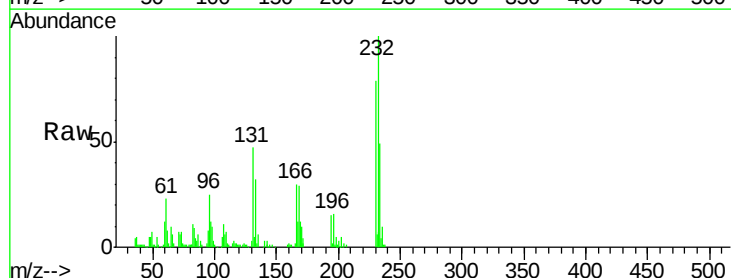
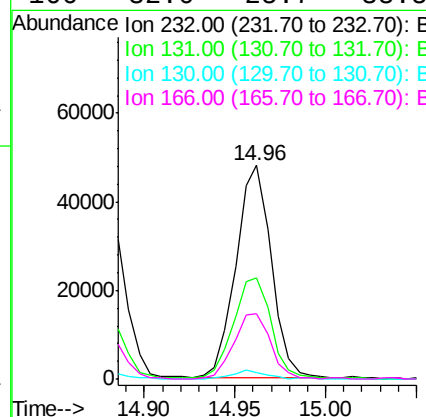
RT: 14.96 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	232	Resp:	65017
Ion Ratio	Lower	Upper	
232	100		
131	51.5	42.7	64.1
130	3.7	3.0	4.4
166	32.0	25.7	38.5





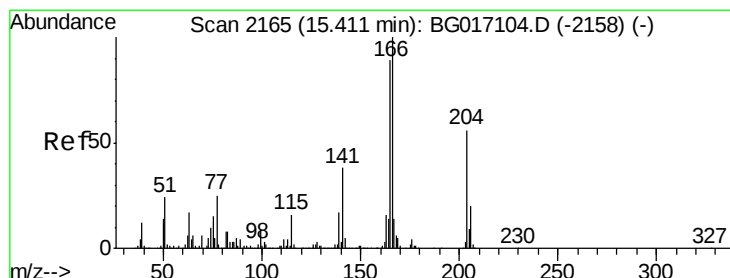
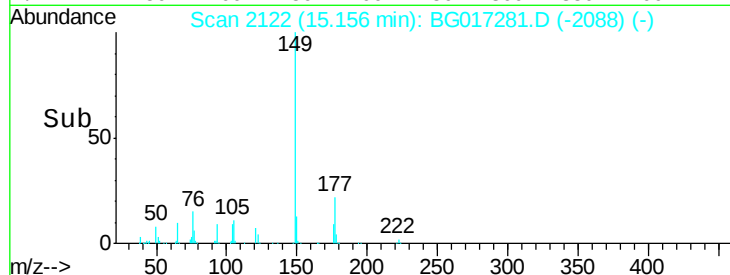
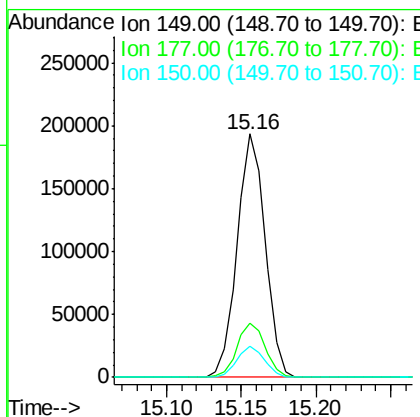
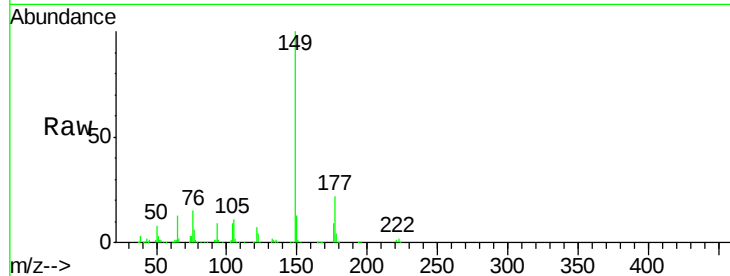
#59
Diethylphthalate
Concen: 39.20 ng
RT: 15.16 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.0	18.3	27.5
150	12.7	10.4	15.6

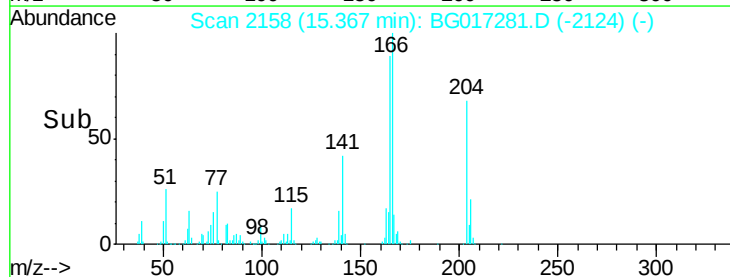
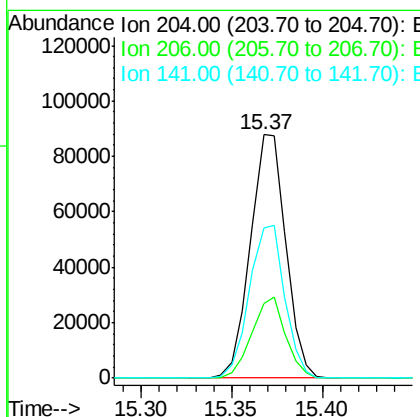
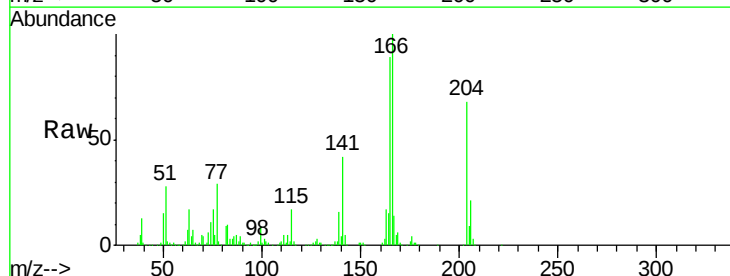
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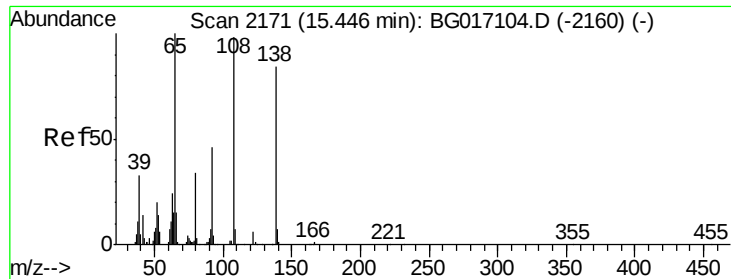
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#60
4-Chlorophenyl-phenylether
Concen: 39.91 ng
RT: 15.37 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	30.6	28.6	42.8
141	61.8	54.2	81.2





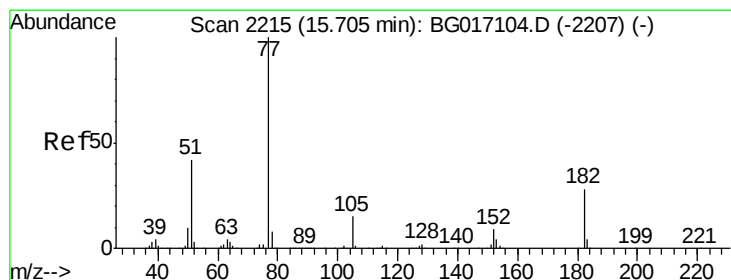
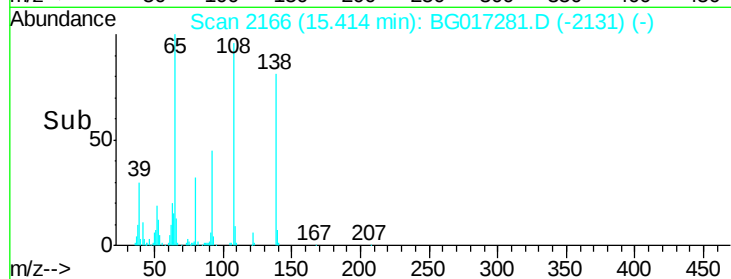
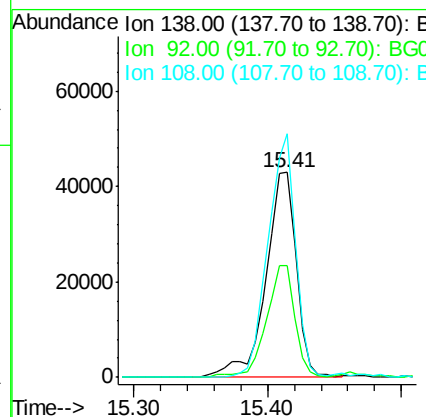
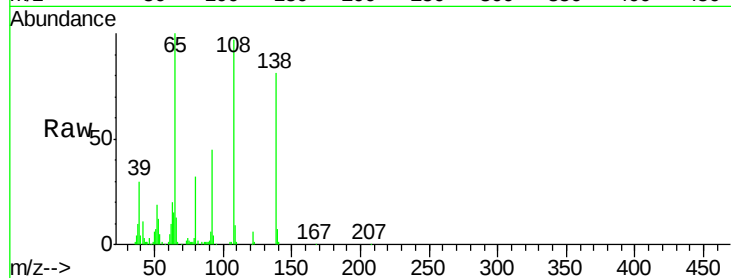
#61
4-Nitroaniline
Concen: 41.65 ng
RT: 15.41 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	34.9	74.9
108	119.0	95.8	135.8

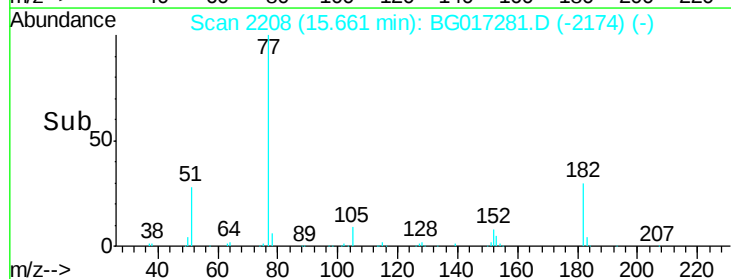
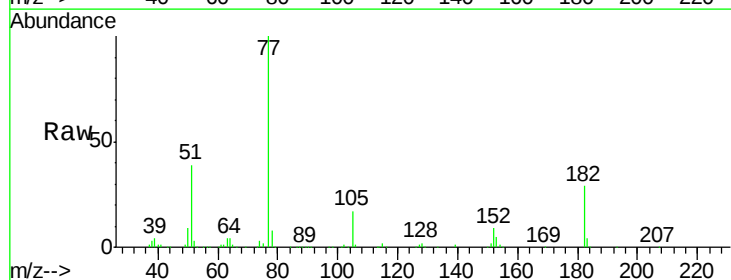
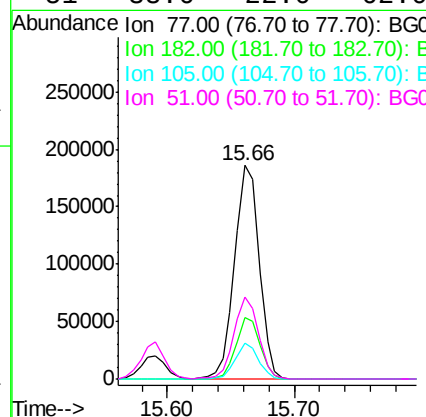
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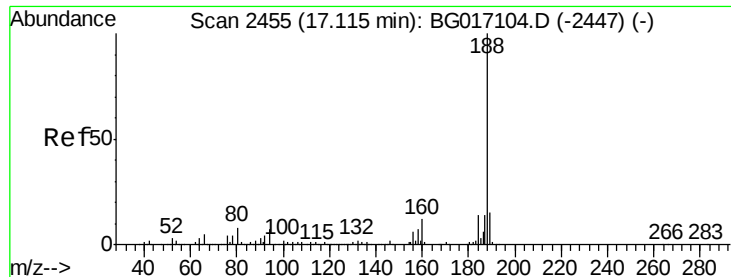
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#62
Azobenzene
Concen: 40.57 ng
RT: 15.66 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.1	48.1
105	16.6	0.0	34.8
51	38.6	22.0	62.0





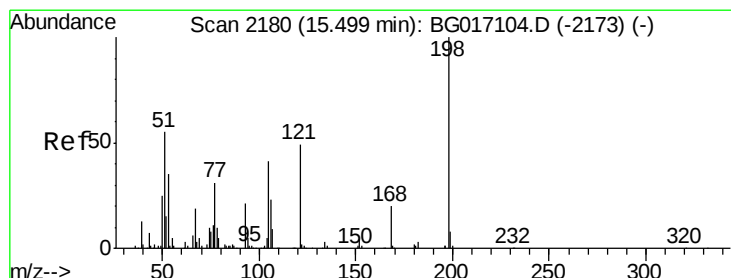
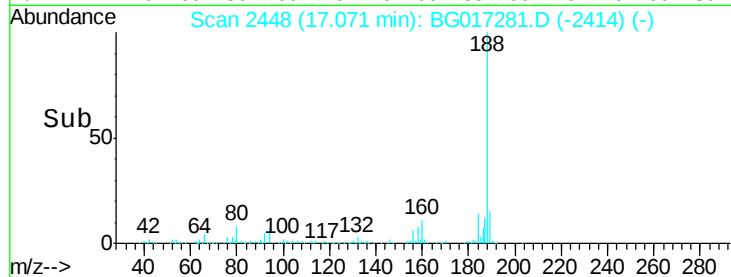
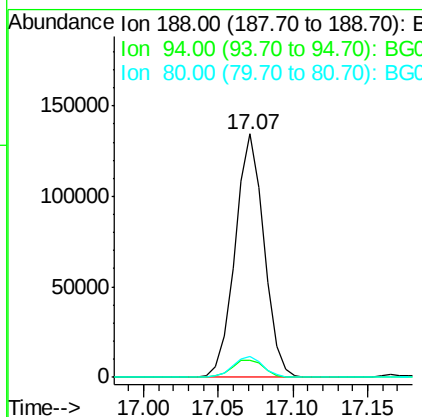
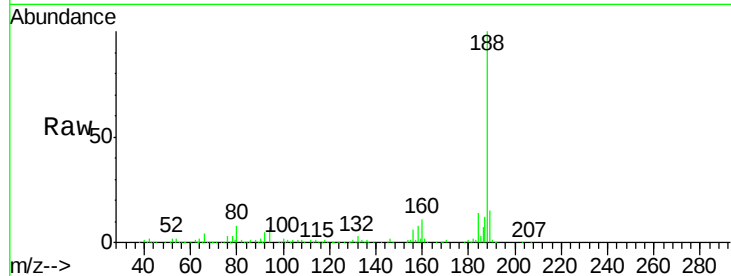
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	5.8	8.6
80	8.4	6.5	9.7

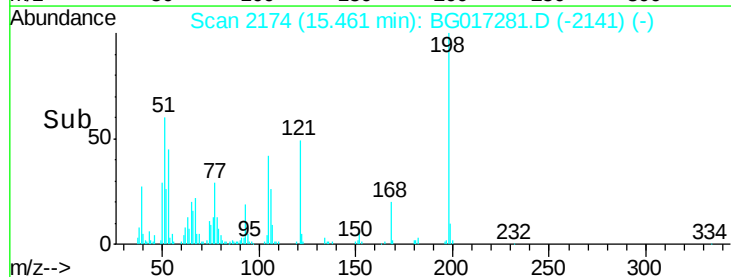
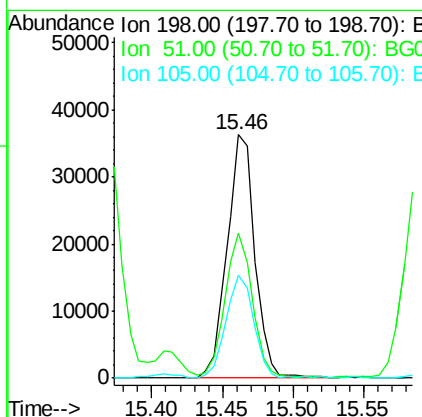
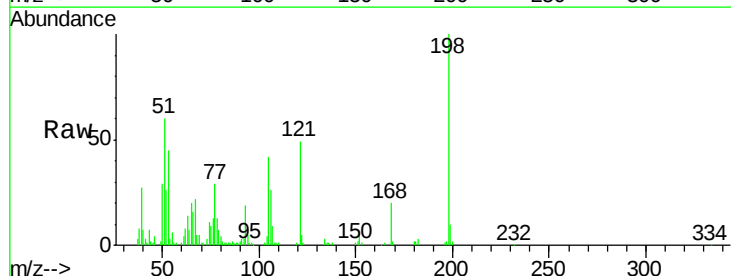
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.97 ng
RT: 15.46 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.8	39.9	79.9
105	42.3	22.0	62.0





#65

n-Nitrosodiphenylamine

Concen: 37.77 ng

RT: 15.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

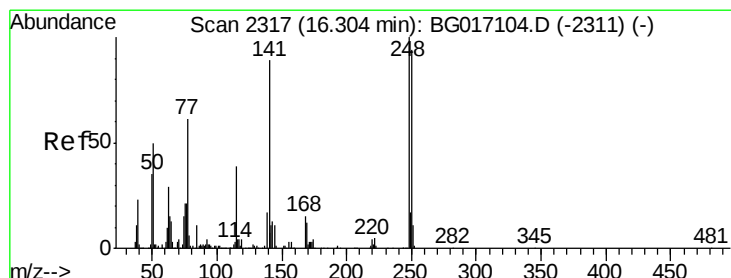
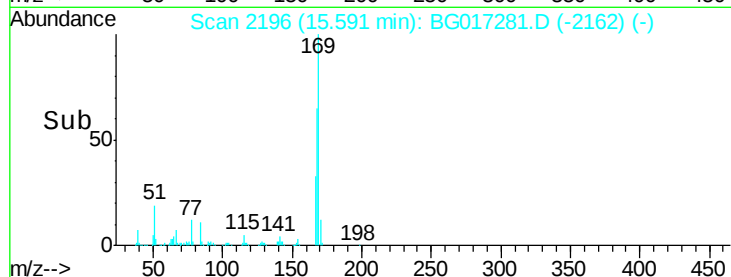
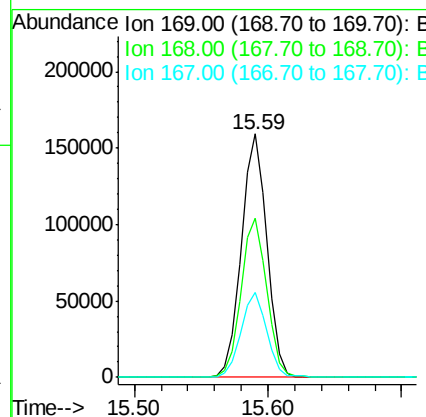
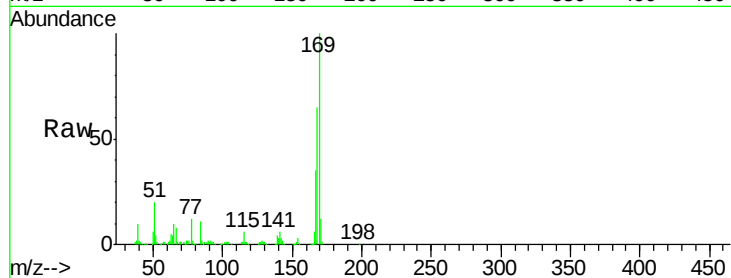
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	169	Resp:	209975
Ion Ratio	Lower	Upper	
169	100		
168	65.4	51.7	77.5
167	34.8	27.4	41.0

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#66

4-Bromophenyl-phenylether

Concen: 37.86 ng

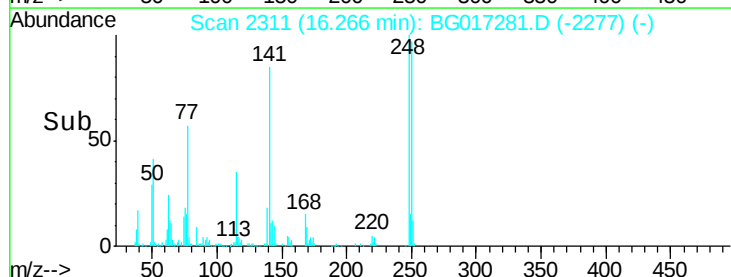
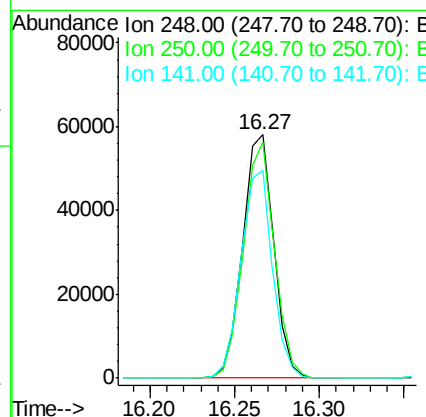
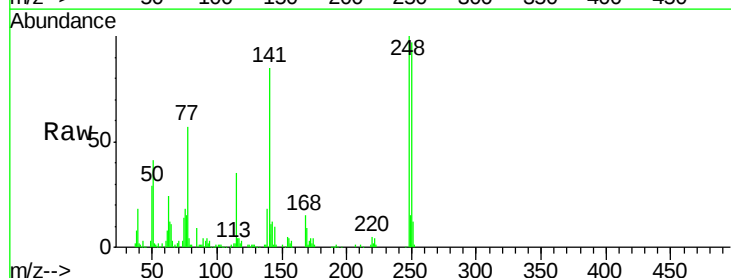
RT: 16.27 min Scan# 2311

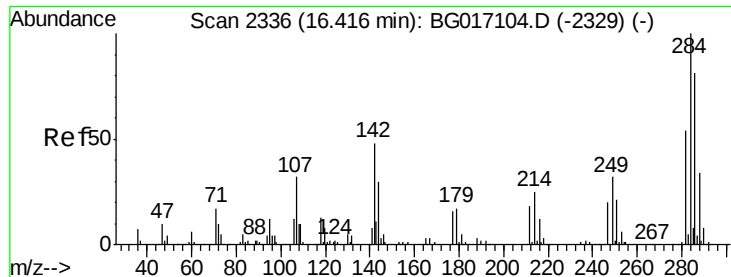
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	248	Resp:	74778
Ion Ratio	Lower	Upper	
248	100		
250	97.0	75.0	112.4
141	85.1	71.3	106.9





#67

Hexachlorobenzene

Concen: 38.30 ng

RT: 16.38 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG017281.D

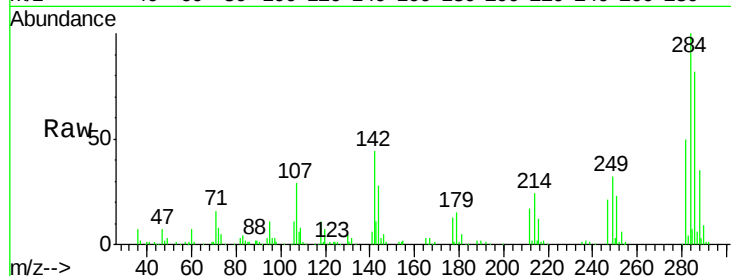
Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

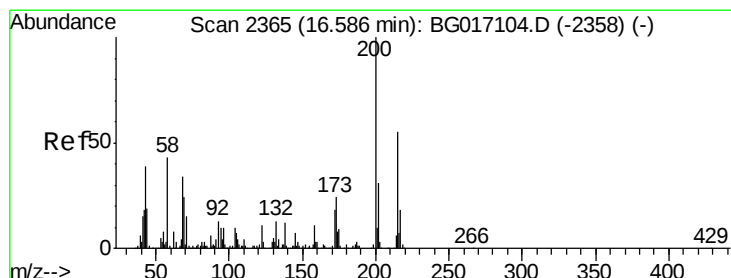
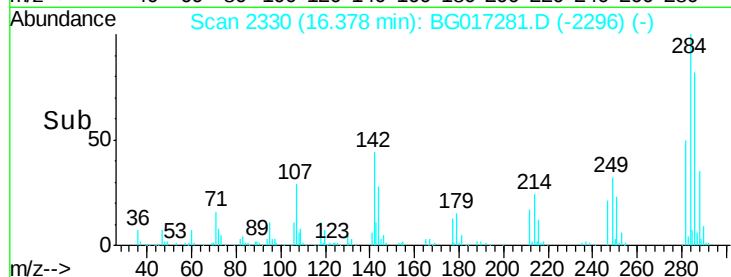
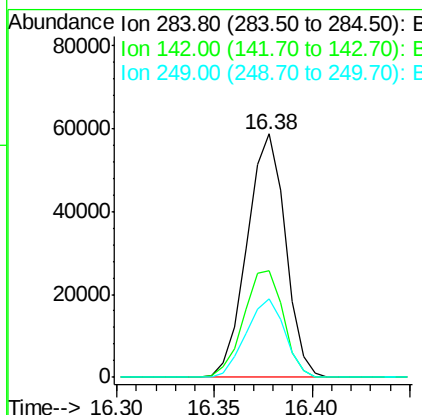
HF-1(18-19)MS



Tgt Ion:	284	Resp:	79830
Ion Ratio	Lower	Upper	
284	100		
142	44.0	38.2	57.2
249	32.4	25.2	37.8

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#68

Atrazine

Concen: 45.21 ng

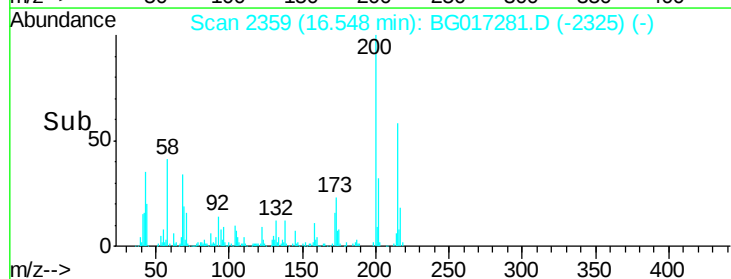
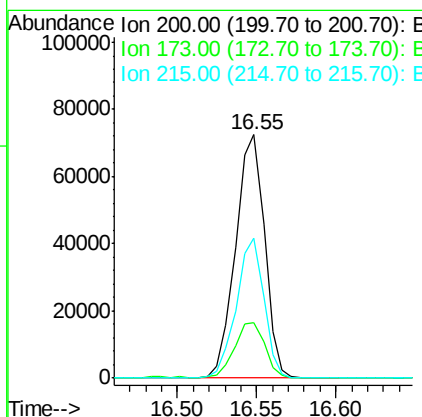
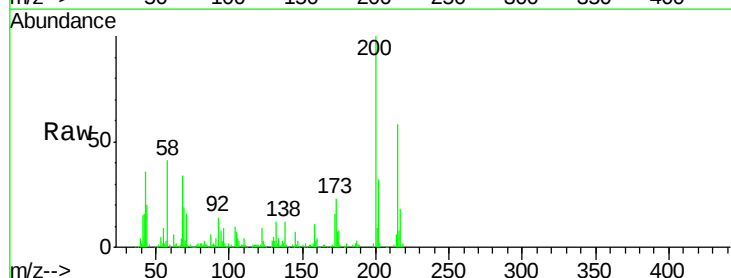
RT: 16.55 min Scan# 2359

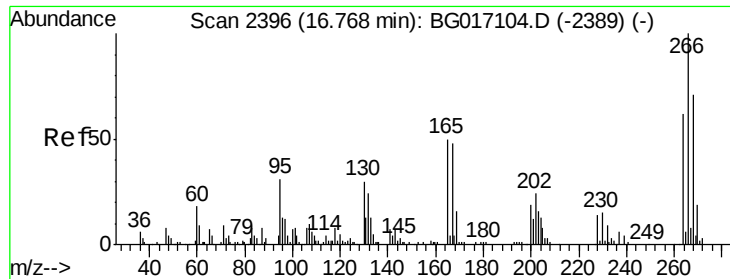
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	200	Resp:	91951
Ion Ratio	Lower	Upper	
200	100		
173	22.7	3.7	43.7
215	57.6	35.5	75.5





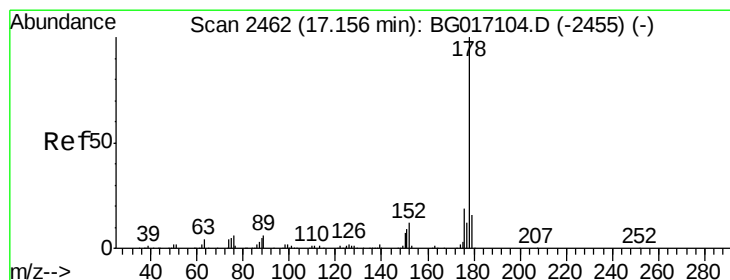
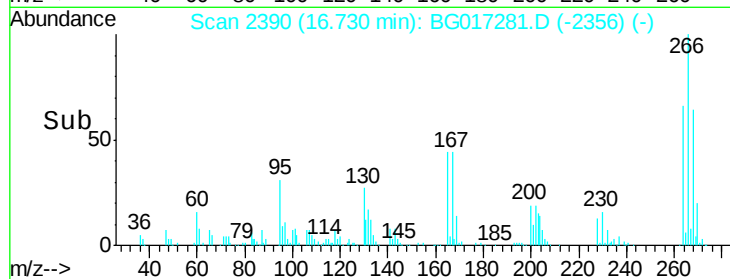
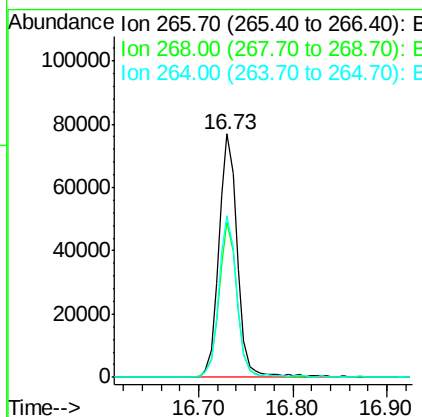
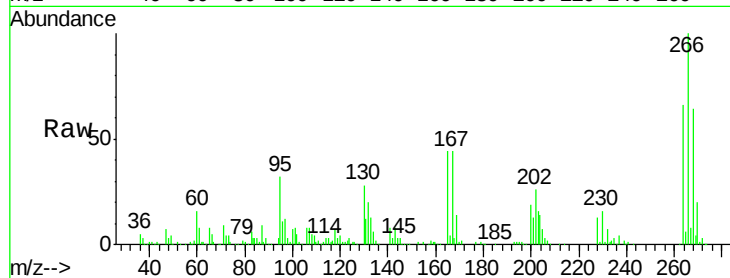
#69
 Pentachlorophenol
 Concen: 81.61 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106188		
268	63.8	56.6	84.8	
264	66.3	49.4	74.0	

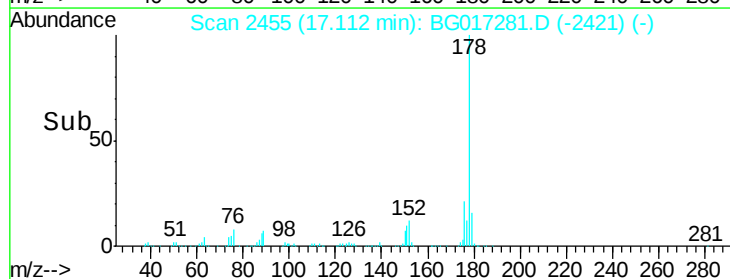
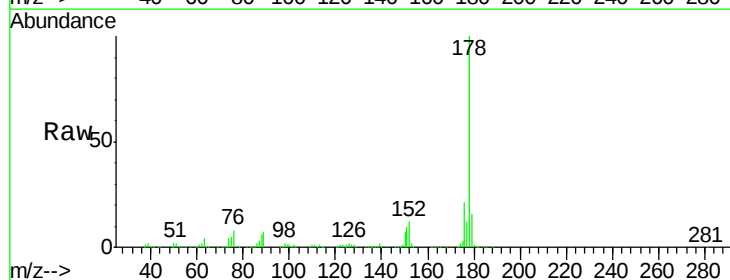
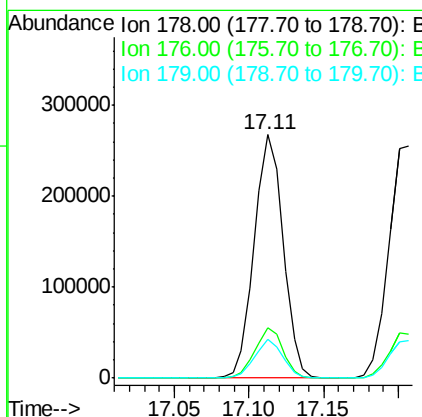
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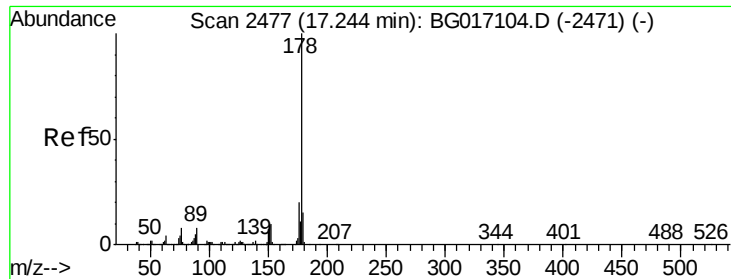
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#70
 Phenanthrene
 Concen: 38.24 ng
 RT: 17.11 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	357161		
176	20.9	15.4	23.2	
179	15.8	12.5	18.7	





#71

Anthracene

Concen: 38.48 ng

RT: 17.21 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

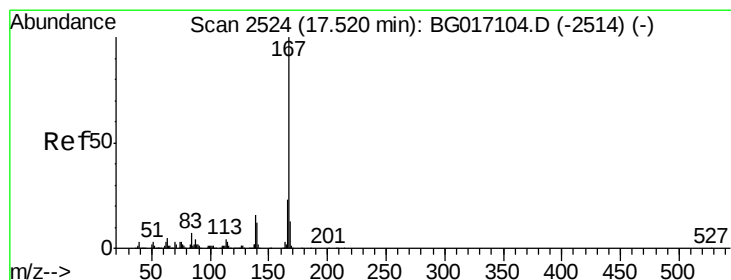
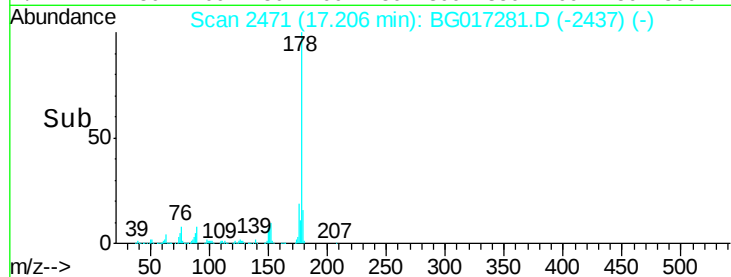
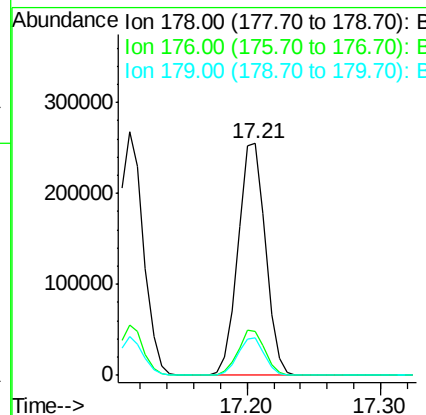
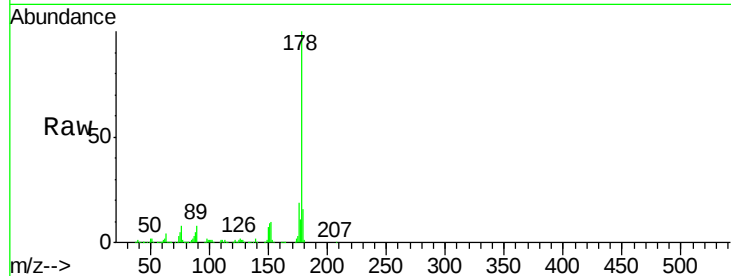
ClientSampleId :

HF-1(18-19)MS

Tgt	Ion:178	Resp:	364231
Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	16.4	12.1	18.1

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#72

Carbazole

Concen: 42.69 ng

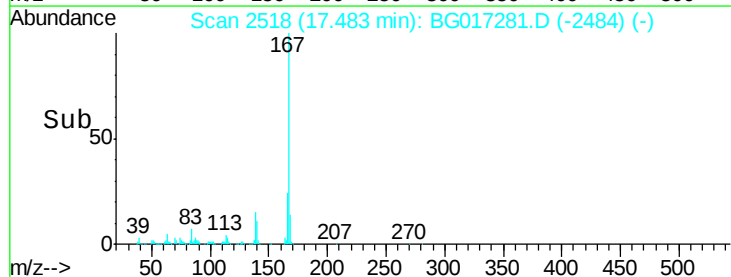
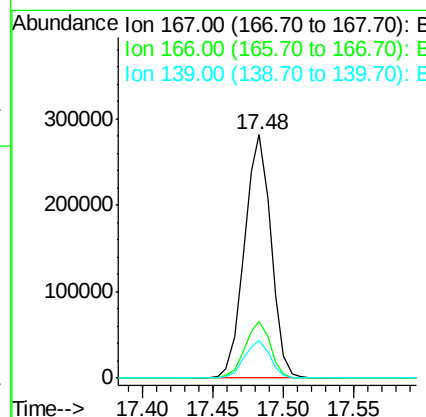
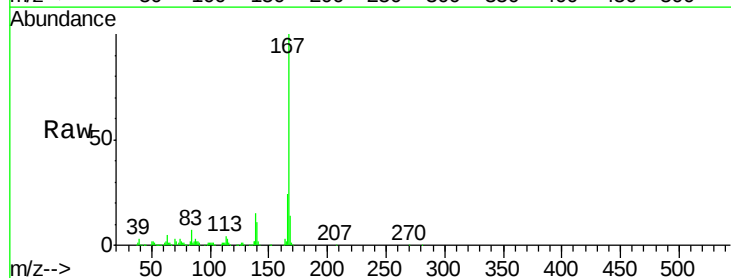
RT: 17.48 min Scan# 2518

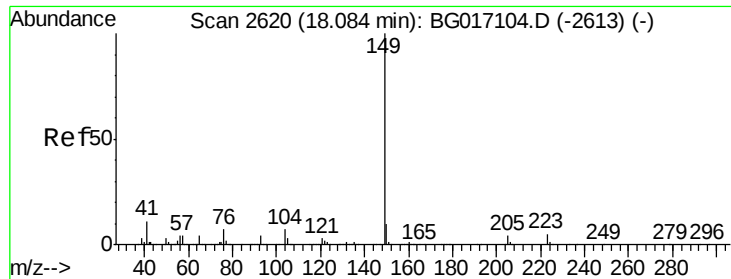
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt	Ion:167	Resp:	371291
Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.4	27.6
139	15.3	13.0	19.4





#73

Di-n-butylphthalate

Concen: 40.52 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

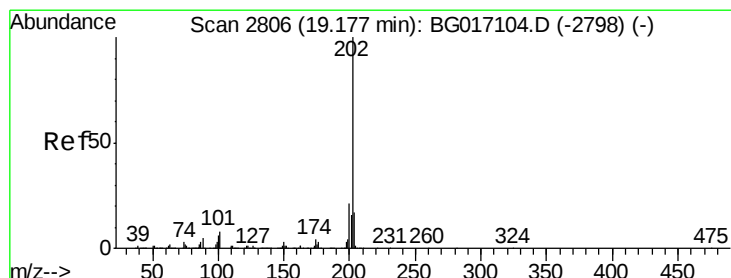
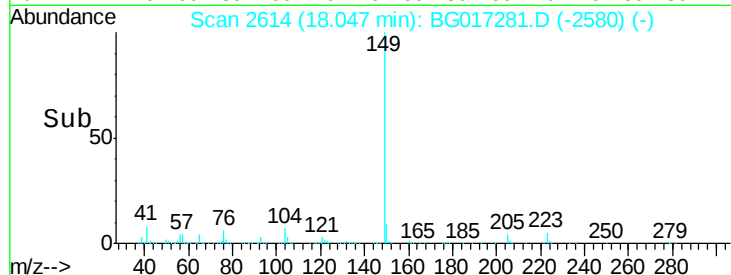
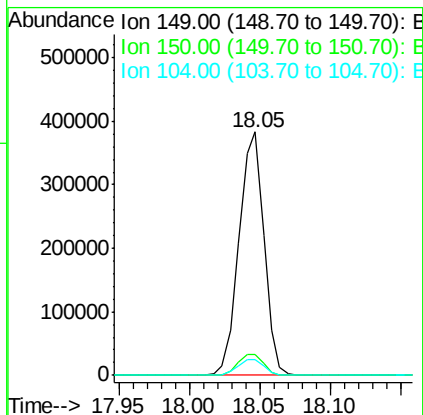
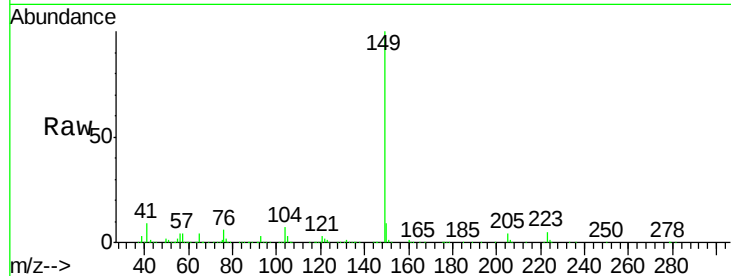
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	149	Resp:	471569
Ion Ratio	Lower	Upper	
149	100		
150	8.8	8.2	12.4
104	6.7	5.7	8.5

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#74

Fluoranthene

Concen: 40.27 ng

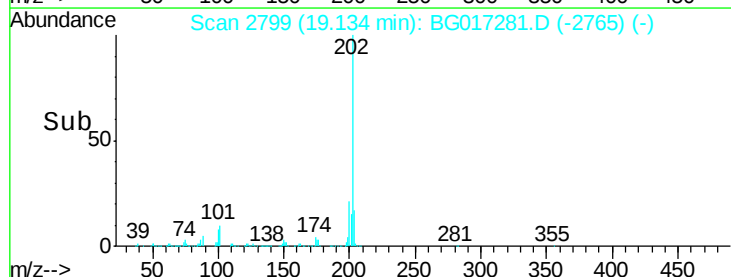
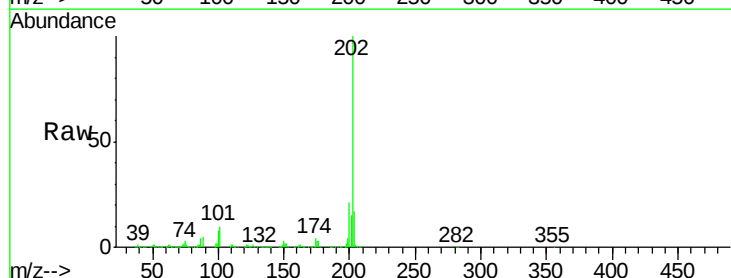
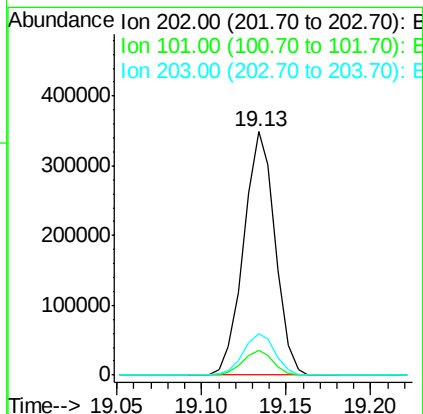
RT: 19.13 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	202	Resp:	451638
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	28.3
203	17.0	0.0	37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

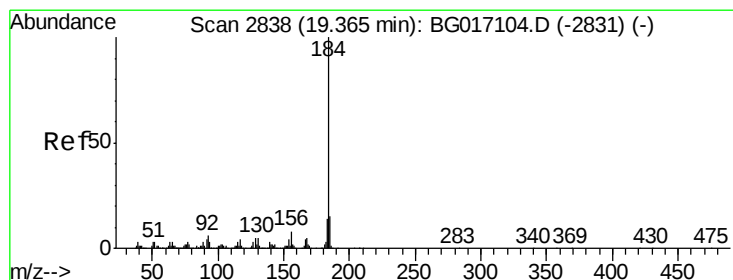
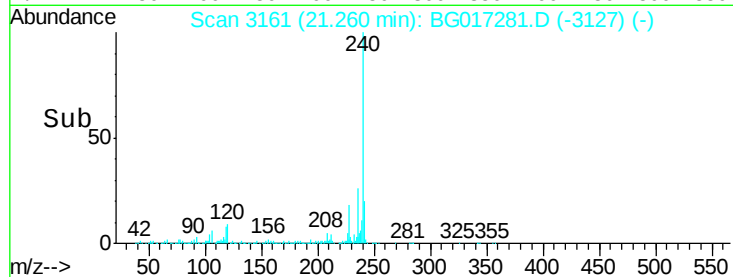
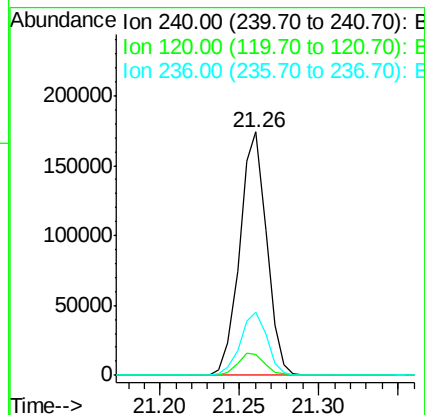
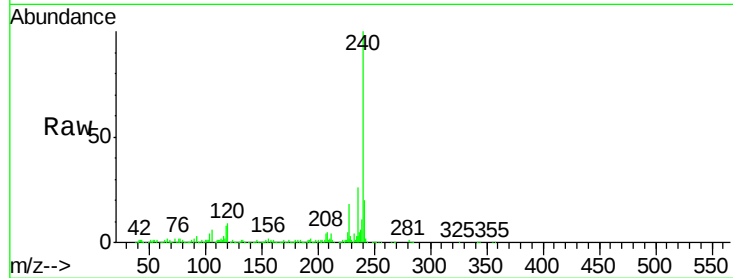
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	240	Resp:	204404
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.0	9.0
236	25.8	20.5	30.7

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#76

Benzidine

Concen: 21.55 ng

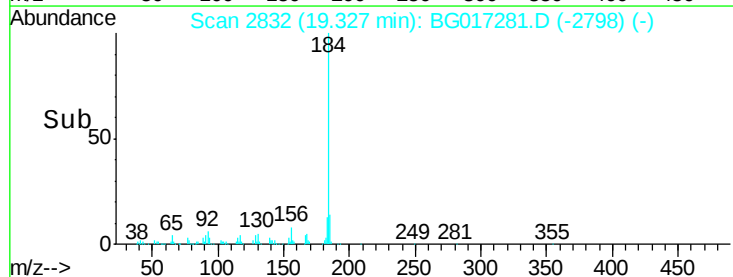
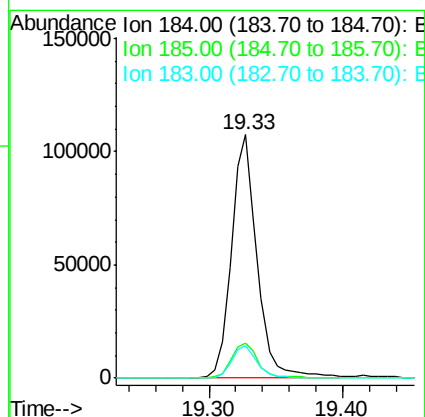
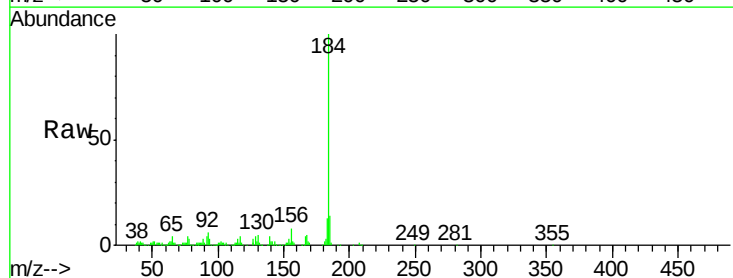
RT: 19.33 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	184	Resp:	143788
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.4	18.6
183	13.1	11.4	17.2





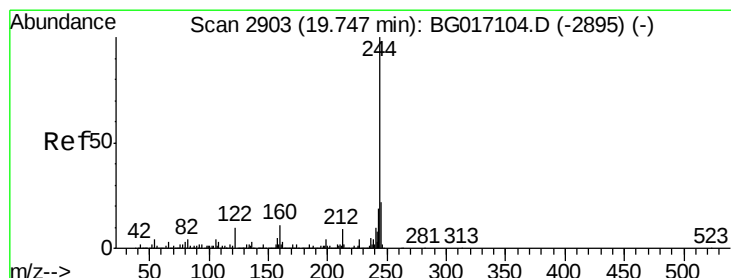
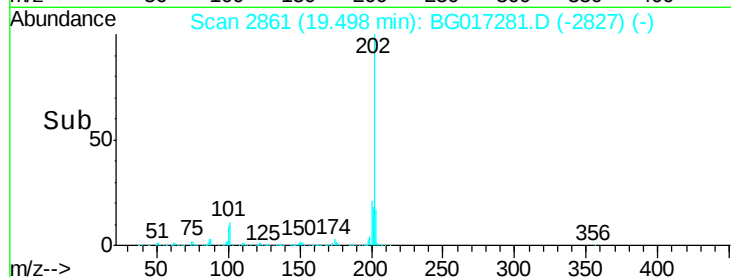
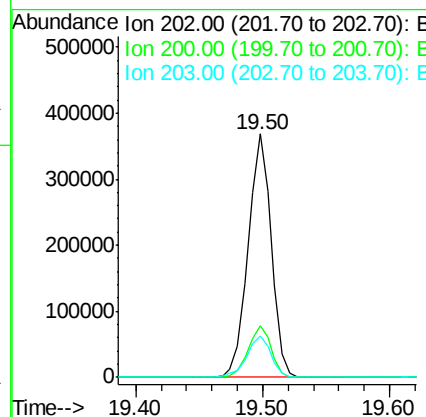
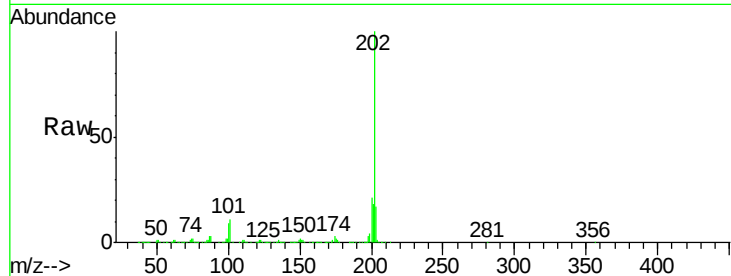
#77
 Pyrene
 Concen: 37.11 ng
 RT: 19.50 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.8	26.8
203	17.2	14.4	21.6

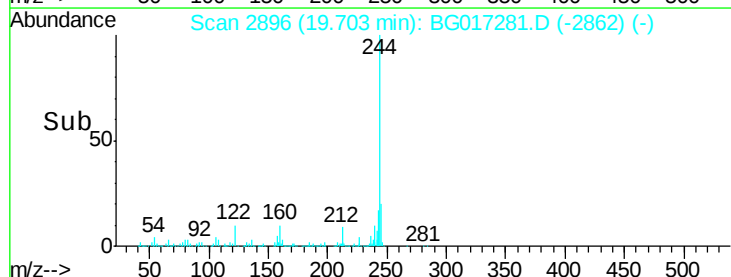
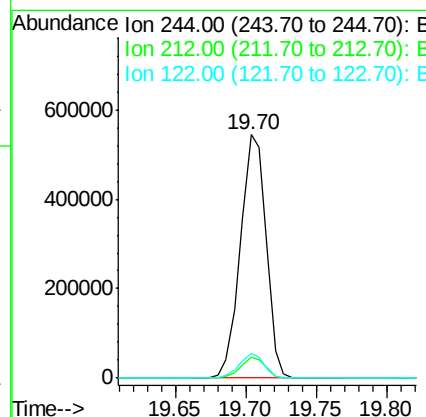
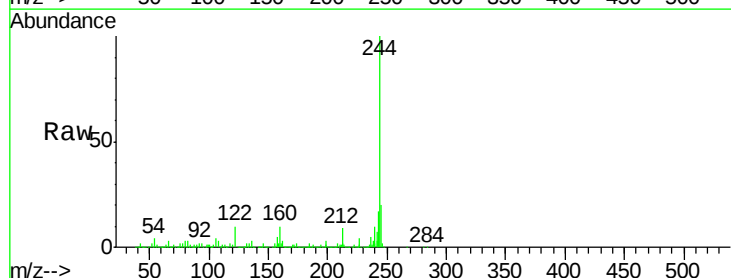
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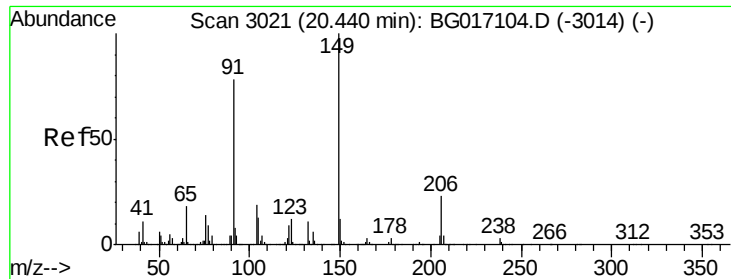
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#78
 Terphenyl-d14
 Concen: 70.39 ng
 RT: 19.70 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	7.0	10.4
122	10.2	8.4	12.6





#79

Butylbenzylphthalate

Concen: 37.37 ng

RT: 20.40 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG017281.D

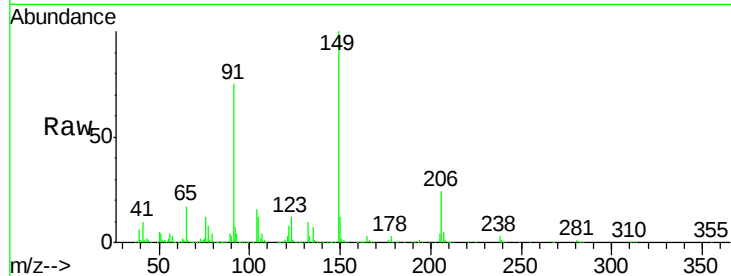
Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

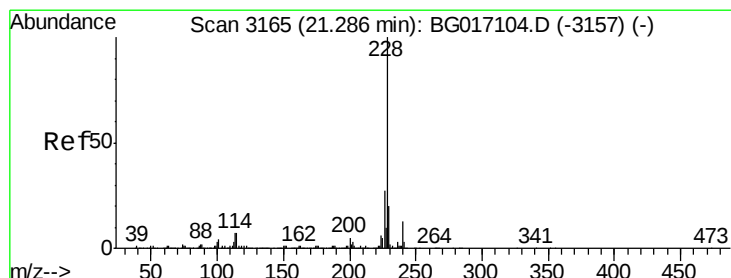
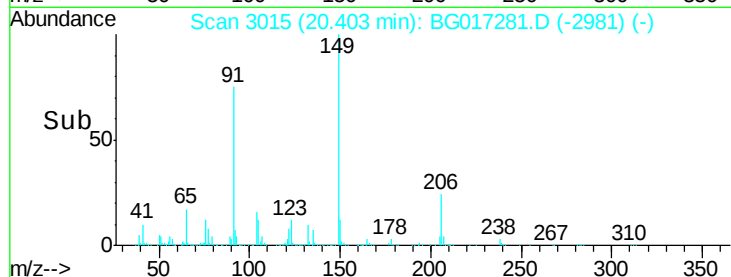
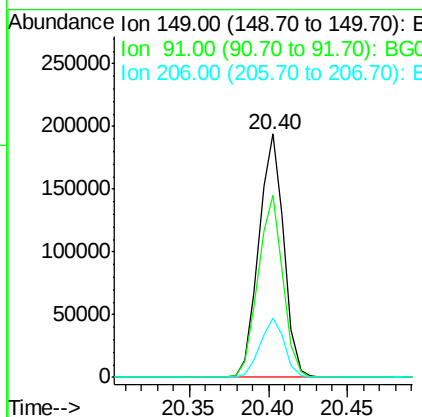
HF-1(18-19)MS



Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		213091		
91	74.7		62.0	93.0	
206	24.5		18.6	27.8	

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#80

Benzo(a)anthracene

Concen: 37.92 ng

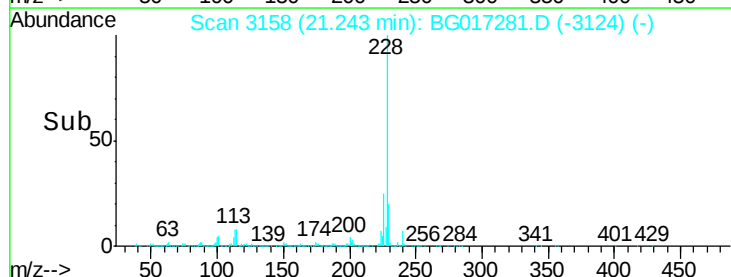
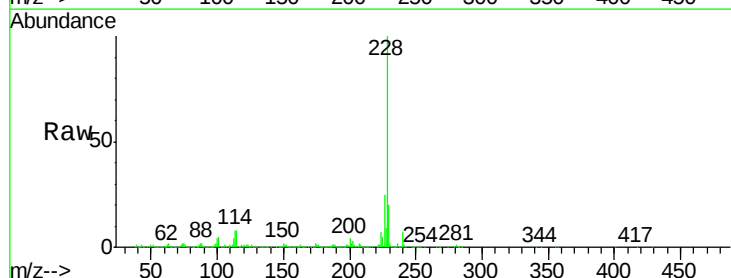
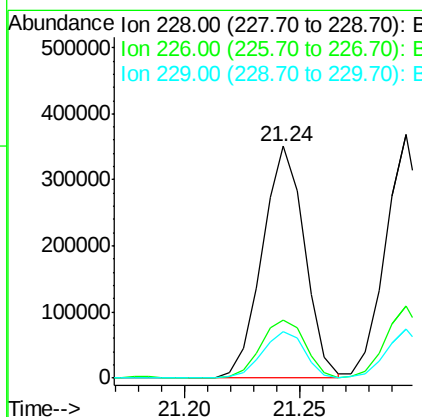
RT: 21.24 min Scan# 3158

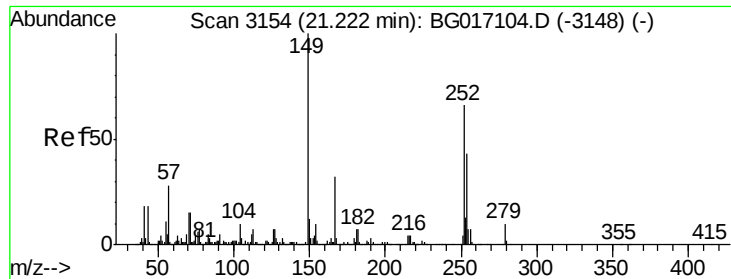
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		444150		
226	24.8		21.7	32.5	
229	20.3		16.1	24.1	





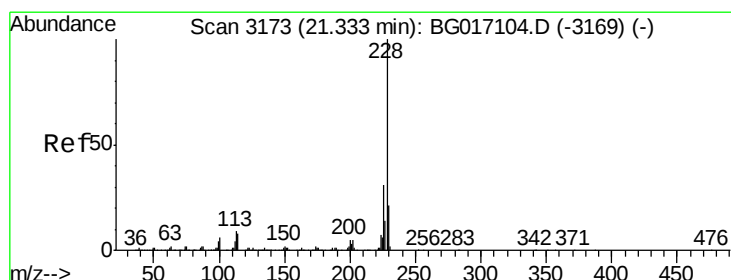
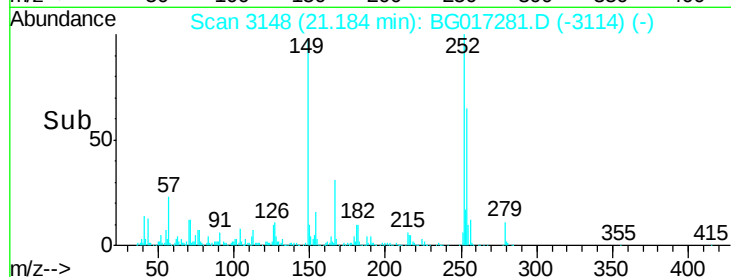
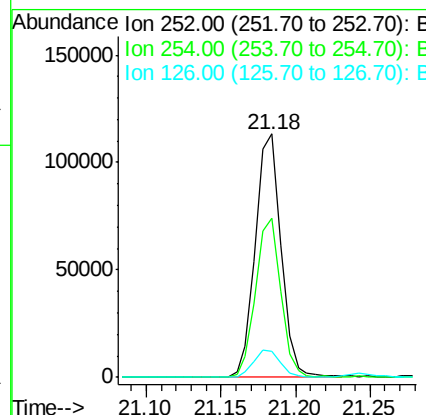
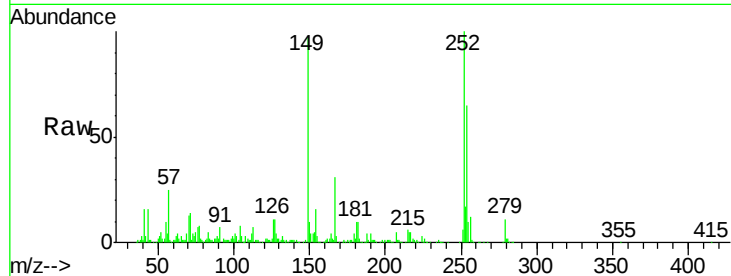
#81
 3,3'-Dichlorobenzidine
 Concen: 29.67 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	134509		
254	65.1	52.1	78.1	
126	10.7	8.8	13.2	

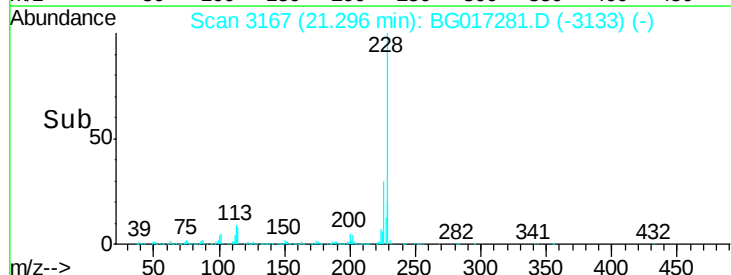
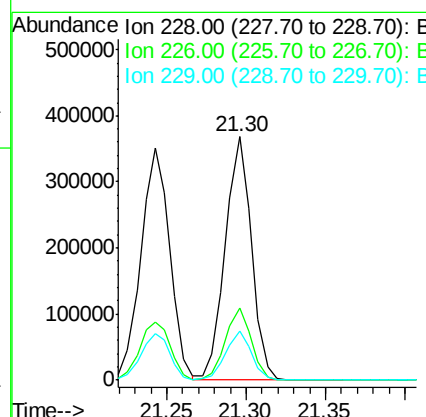
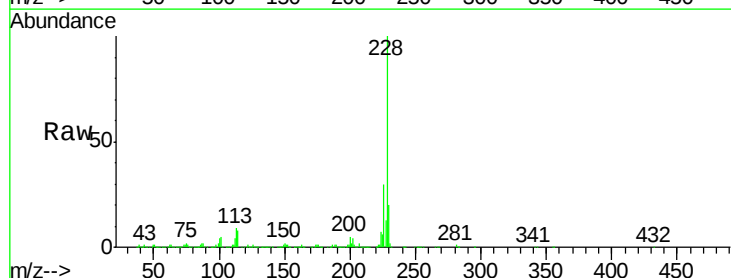
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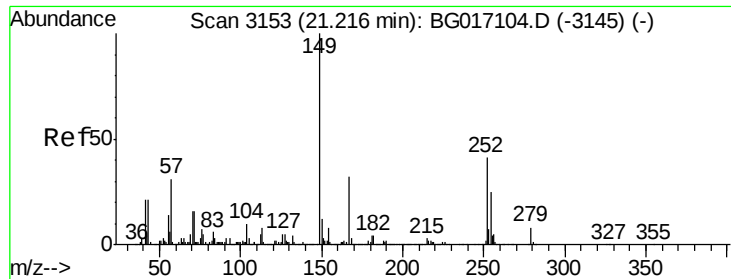
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#82
 Chrysene
 Concen: 38.73 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	422508		
226	29.7	24.8	37.2	
229	20.3	17.0	25.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.54 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

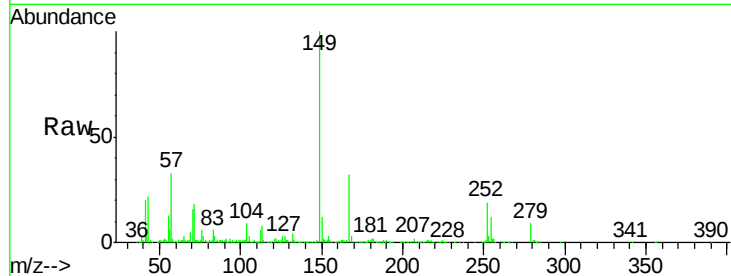
ClientSampleId :

HF-1(18-19)MS

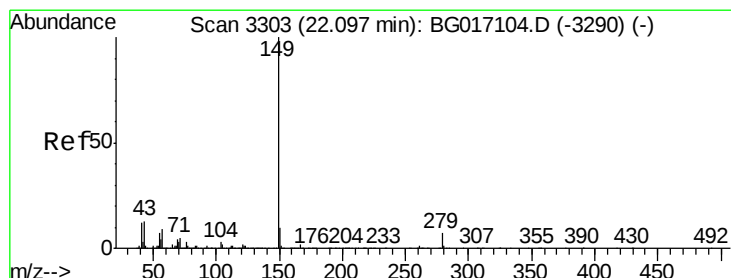
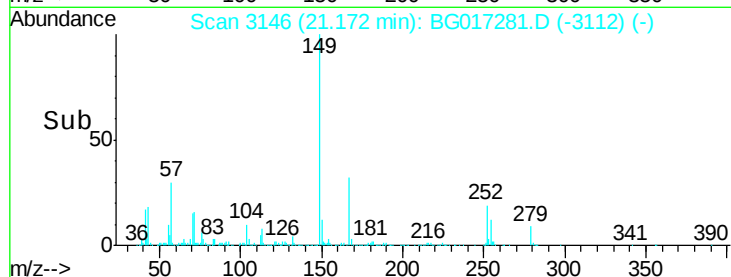
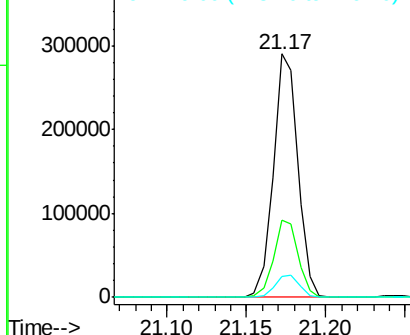
Tgt Ion:	149	Resp:	312350
Ion Ratio	Lower	Upper	
149	100		
167	31.5	25.4	38.2
279	8.7	6.8	10.2

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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: 38.12 ng

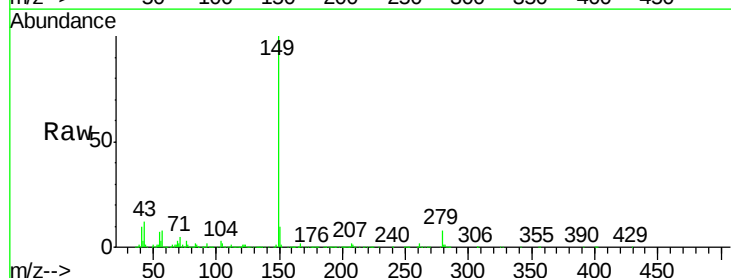
RT: 22.05 min Scan# 3296

Delta R.T. -0.00 min

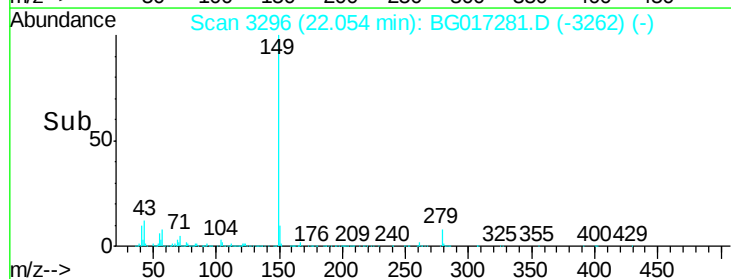
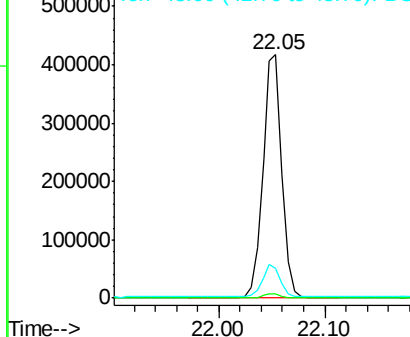
Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	149	Resp:	514274
Ion Ratio	Lower	Upper	
149	100		
167	1.8	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): BG





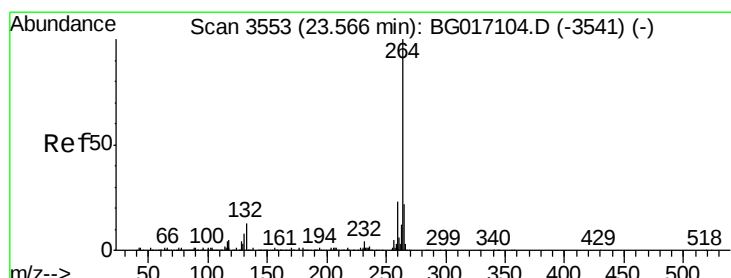
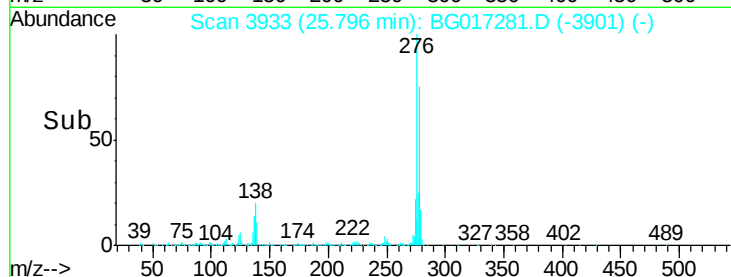
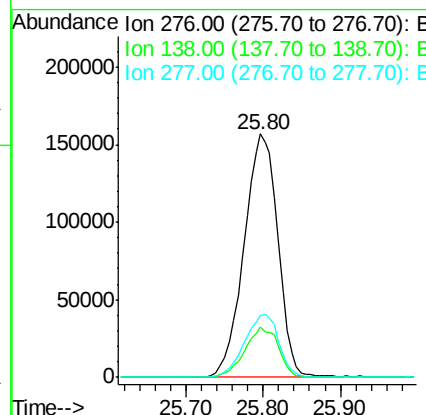
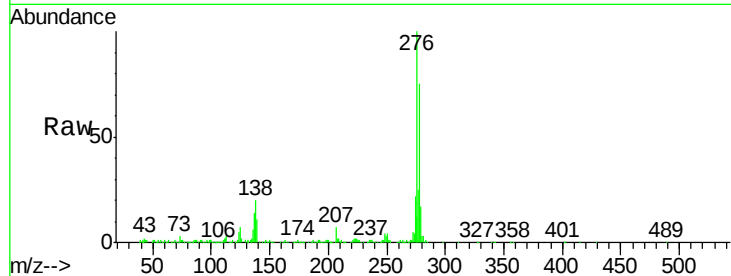
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.86 ng
 RT: 25.80 min Scan# 3933
 Delta R.T. -0.01 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

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

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	481195		
138	20.6	16.0	24.0	
277	26.3	20.9	31.3	

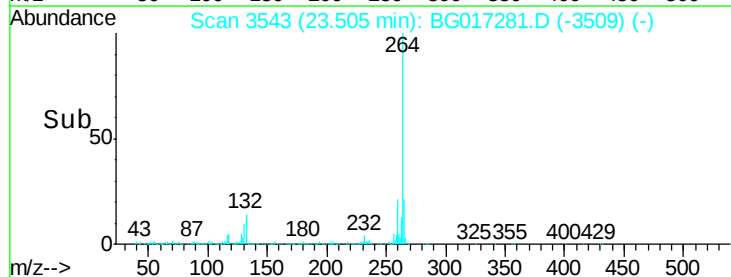
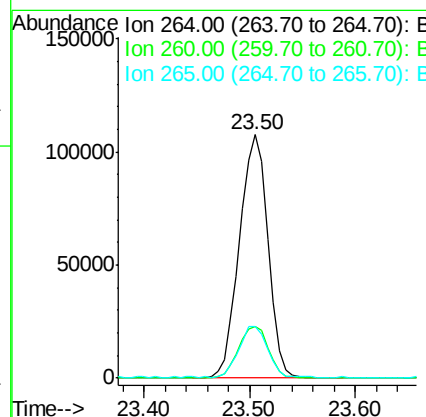
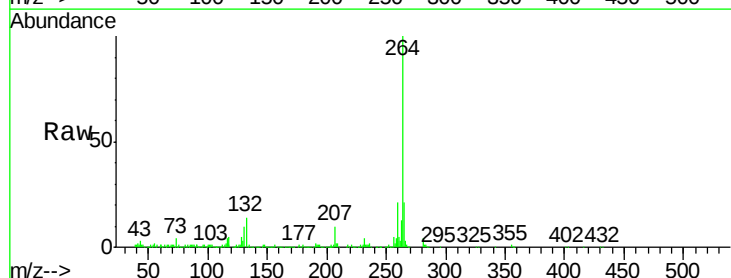
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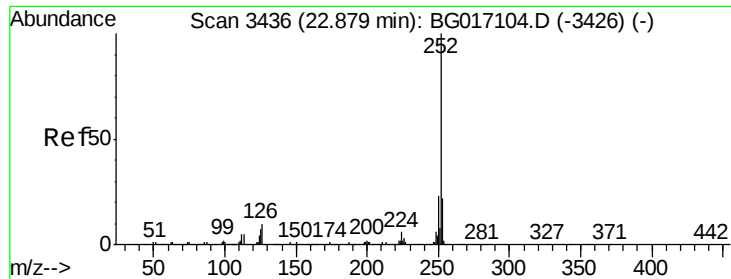
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: BG017281.D
 Acq: 26 May 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	201263		
260	21.3	18.0	27.0	
265	21.1	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 37.10 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Instrument :

BNA_G

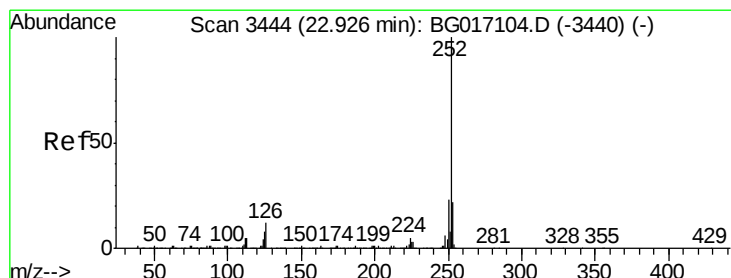
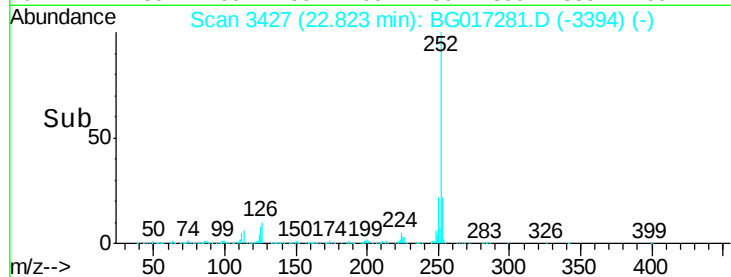
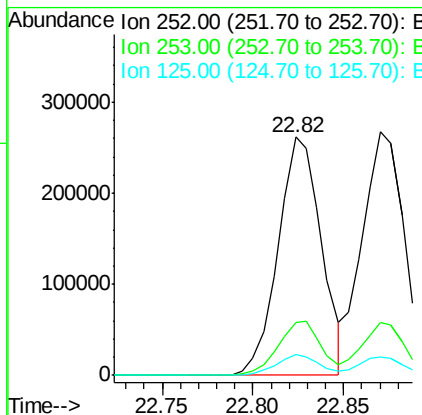
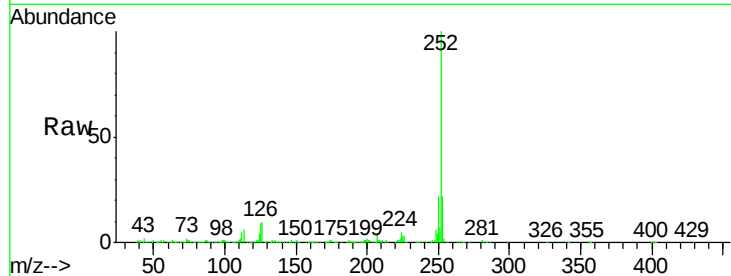
ClientSampleId :

HF-1(18-19)MS

Tgt Ion:	252	Resp:	435290
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	8.5	5.9	8.9

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#88

Benzo(k)fluoranthene

Concen: 38.57 ng

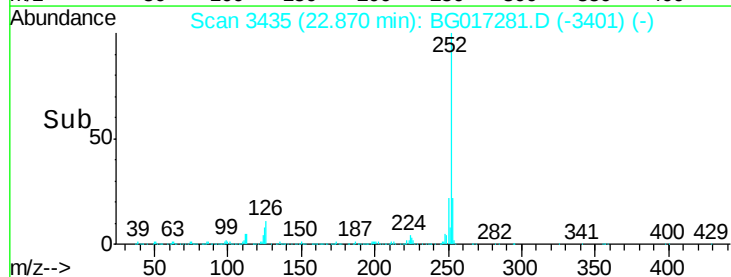
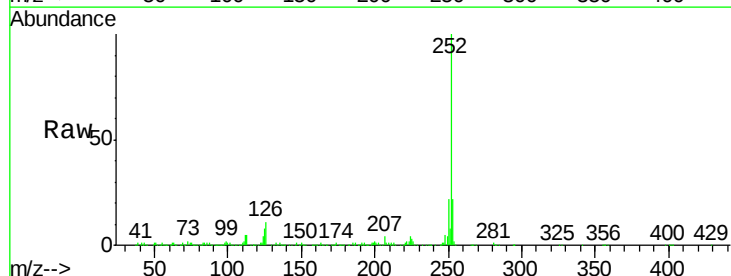
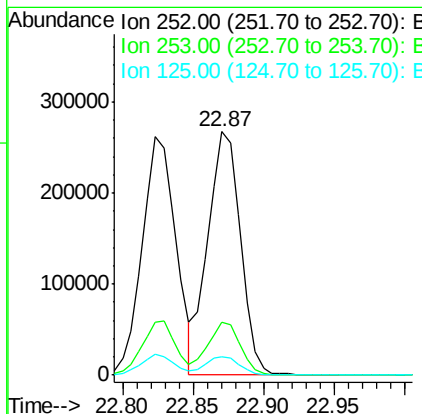
RT: 22.87 min Scan# 3435

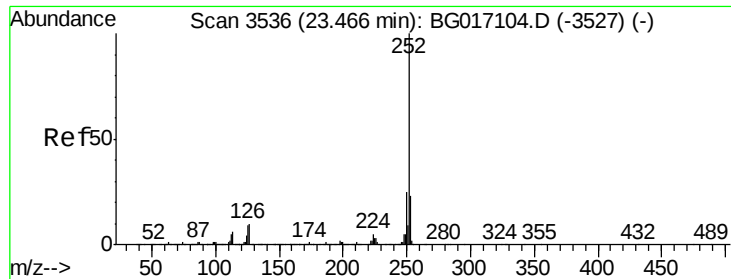
Delta R.T. -0.00 min

Lab File: BG017281.D

Acq: 26 May 2015 17:27

Tgt Ion:	252	Resp:	429613
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	7.7	6.4	9.6





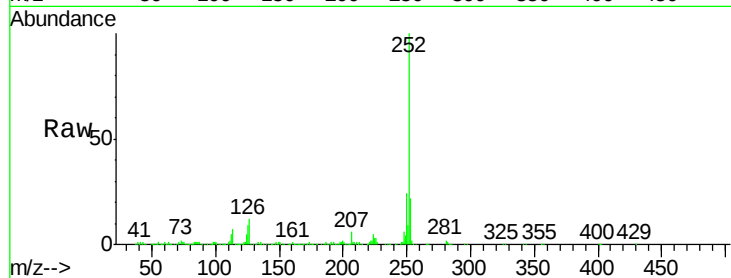
#89
Benzo(a)pyrene
Concen: 38.66 ng
RT: 23.41 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

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

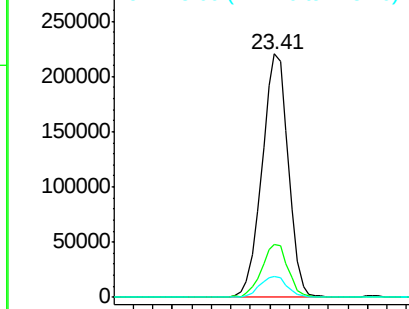
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	8.5	7.2	10.8

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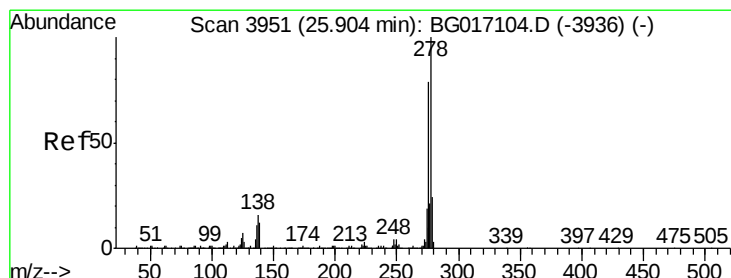
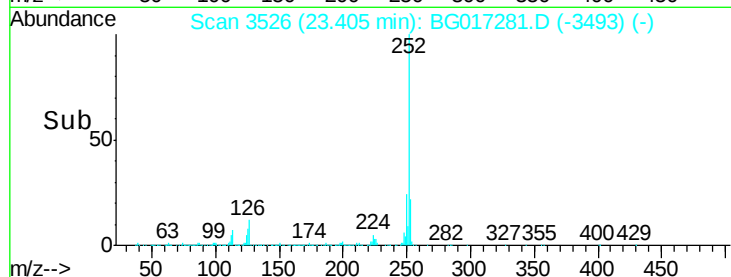
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



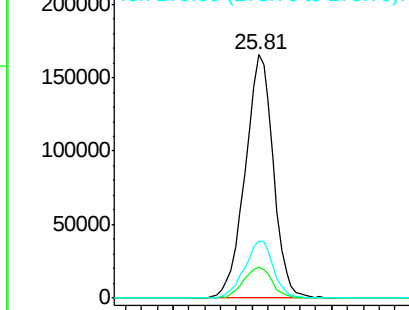
Time-->



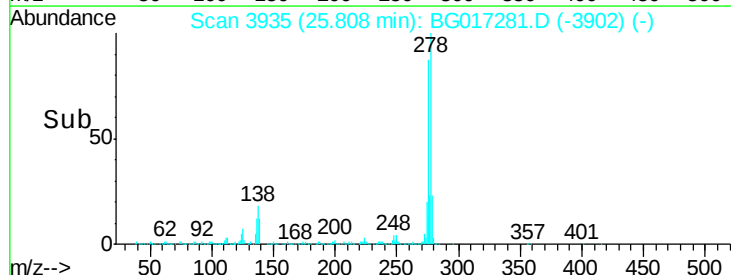
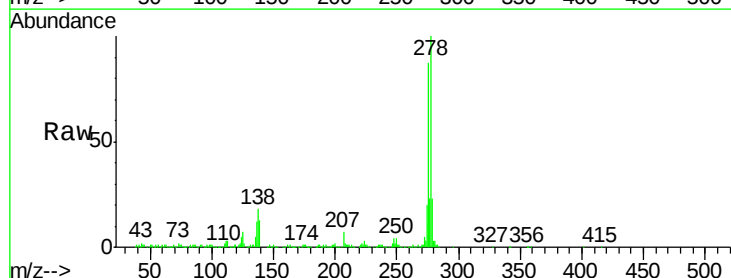
#90
Dibenzo(a,h)anthracene
Concen: 37.06 ng
RT: 25.81 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BG017281.D
Acq: 26 May 2015 17:27

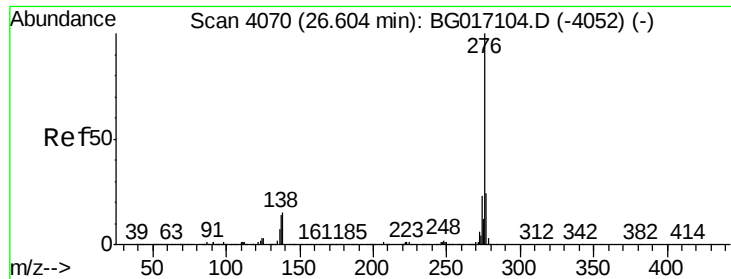
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.4	14.2
279	23.4	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 37.42 ng

RT: 26.50 min Scan# 4053

Delta R.T. -0.01 min

Lab File: BG017281.D

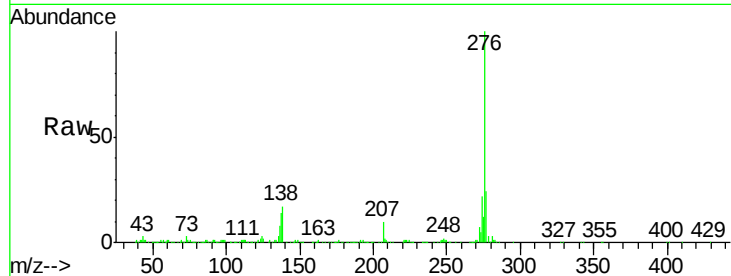
Acq: 26 May 2015 17:27

Instrument :

BNA_G

ClientSampleId :

HF-1(18-19)MS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	389532		
277	24.4	18.9	28.3	
138	17.3	11.8	17.8	

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