

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031417.D
 Acq On : 8 Dec 2017 11:03
 Operator : SJ/JU
 Sample : PB104800BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:17:18 PM

Quant Time: Dec 08 13:34:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	44206	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	202961	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	150050	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	421530	20.00	ng	0.00
75) Chrysene-d12	21.77	240	476886	20.00	ng	0.00
86) Perylene-d12	25.06	264	472328	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	198113	76.85	ng	0.00
7) Phenol-d6	7.29	99	274894	79.15	ng	0.00
23) Nitrobenzene-d5	9.29	82	238673	69.68	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	146990	60.56	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	713127	68.29	ng	0.00
78) Terphenyl-d14	20.08	244	1372434	63.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	26436	25.269	ng	# 88
3) Pyridine	3.94	79	76238	25.102	ng	95
4) n-Nitrosodimethylamine	3.85	42	43230	30.033	ng	92
6) Aniline	7.45	93	40590	8.880	ng	# 89
8) 2-Chlorophenol	7.69	128	102419	36.000	ng	91
9) Benzaldehyde	7.27	77	35019	14.409	ng	99
10) Phenol	7.32	94	136932	37.965	ng	93
11) bis(2-Chloroethyl)ether	7.54	93	91309	31.706	ng	93
12) 1,3-Dichlorobenzene	8.01	146	104461	31.296	ng	97
13) 1,4-Dichlorobenzene	8.16	146	108824	32.173	ng	92
14) 1,2-Dichlorobenzene	8.48	146	106163	32.701	ng	97
15) Benzyl Alcohol	8.36	79	87819	31.523	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	150305	47.251	ng	91
17) 2-Methylphenol	8.58	107	91166	36.297	ng	98
18) Hexachloroethane	9.21	117	37854	32.155	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	77574	29.376	ng	# 96
20) 3+4-Methylphenols	8.90	107	124909	34.975	ng	95
22) Acetophenone	8.95	105	147511	29.190	ng	# 94
24) Nitrobenzene	9.33	77	117871	33.689	ng	95
25) Isophorone	9.86	82	221216	33.117	ng	95
26) 2-Nitrophenol	10.05	139	58306	31.971	ng	91
27) 2,4-Dimethylphenol	10.10	122	104983	38.775	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	137897	32.777	ng	96
29) 2,4-Dichlorophenol	10.60	162	118305	36.388	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	125840	32.420	ng	95
31) Naphthalene	10.99	128	314671	31.538	ng	97
32) Benzoic acid	10.26	122	55734m	27.462	ng	
33) 4-Chloroaniline	11.12	127	36480	8.352	ng	96
34) Hexachlorobutadiene	11.27	225	82196	30.534	ng	99
35) Caprolactam	11.87	113	49578m	37.329	ng	
36) 4-Chloro-3-methylphenol	12.22	107	129441	36.580	ng	85
37) 2-Methylnaphthalene	12.59	142	256393	33.288	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	158476	26.611	ng	97
40) Hexachlorocyclopentadiene	12.92	237	127955	61.012	ng	91

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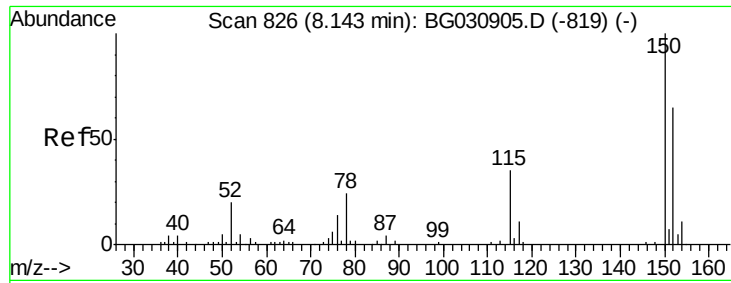
Manual Integrations
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Sohil
 12/11/2017 6:17:18 PM

Quant Time: Dec 08 13:34:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	113062	33.209	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	125484	33.687	ng	96
45) 1,1'-Biphenyl	13.58	154	347365	27.917	ng	97
46) 2-Chloronaphthalene	13.63	162	290052	32.309	ng	94
47) 2-Nitroaniline	13.83	65	91323	34.321	ng #	87
48) Acenaphthylene	14.47	152	458432	31.200	ng	99
49) Dimethylphthalate	14.19	163	425558	32.801	ng	99
50) 2,6-Dinitrotoluene	14.32	165	94955	35.509	ng #	83
51) Acenaphthene	14.81	154	285370	31.097	ng	99
52) 3-Nitroaniline	14.66	138	28726	10.117	ng #	81
53) 2,4-Dinitrophenol	14.88	184	82070	57.561	ng #	55
54) Dibenzofuran	15.14	168	479482	32.804	ng	98
55) 4-Nitrophenol	14.99	139	144016	71.202	ng #	83
56) 2,4-Dinitrotoluene	15.12	165	140706	36.397	ng #	79
57) Fluorene	15.79	166	391309	32.975	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	128580	36.218	ng	90
59) Diethylphthalate	15.55	149	440537	33.428	ng	98
60) 4-Chlorophenyl-phenylether	15.78	204	235616	32.876	ng	90
61) 4-Nitroaniline	15.82	138	99280	33.020	ng	95
62) Azobenzene	16.07	77	363750	36.192	ng	96
64) 4,6-Dinitro-2-methylphenol	15.88	198	74723	26.669	ng	84
65) n-Nitrosodiphenylamine	15.99	169	380508	29.789	ng	98
66) 4-Bromophenyl-phenylether	16.67	248	158861	29.756	ng	96
67) Hexachlorobenzene	16.80	284	159158	28.056	ng	99
68) Atrazine	16.94	200	168258	31.926	ng	99
69) Pentachlorophenol	17.15	266	145121	46.279	ng	99
70) Phenanthrene	17.54	178	721495	32.873	ng	99
71) Anthracene	17.62	178	739999	33.649	ng	99
72) Carbazole	17.89	167	688421	33.409	ng	99
73) Di-n-butylphthalate	18.43	149	814340	32.186	ng	99
74) Fluoranthene	19.53	202	960630	34.569	ng	97
76) Benzidine	19.71	184	203511	13.285	ng	99
77) Pyrene	19.90	202	988199	34.921	ng	99
79) Butylbenzylphthalate	20.76	149	369986	32.791	ng	91
80) Benzo(a)anthracene	21.74	228	977934	33.014	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	157811	13.198	ng	99
82) Chrysene	21.81	228	917823	33.495	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	526758	32.342	ng	97
84) Di-n-octyl phthalate	22.84	149	907160	34.221	ng	95
85) Indeno(1,2,3-cd)pyrene	28.85	276	1032172	30.985	ng	99
87) Benzo(b)fluoranthene	24.01	252	947624	33.167	ng	98
88) Benzo(k)fluoranthene	24.08	252	928933	32.802	ng	98
89) Benzo(a)pyrene	24.91	252	924295	34.054	ng	99
90) Dibenzo(a,h)anthracene	28.89	278	860971	31.035	ng	100
91) Benzo(g,h,i)perylene	30.03	276	857655	31.853	ng	98

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



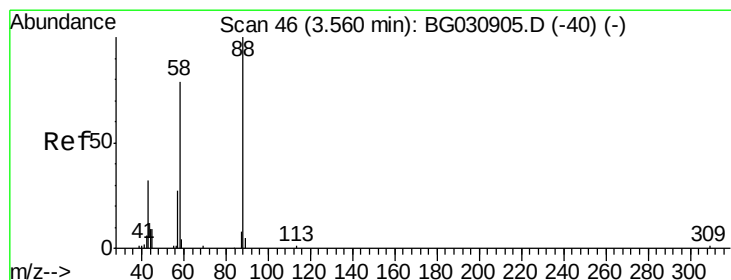
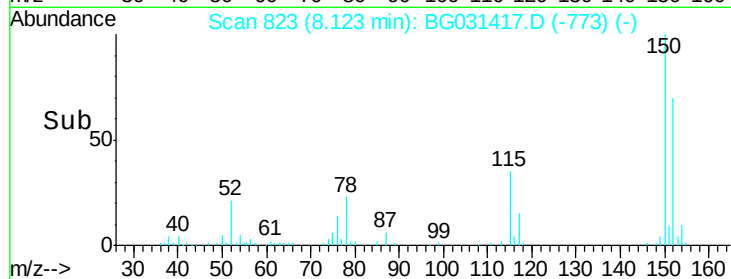
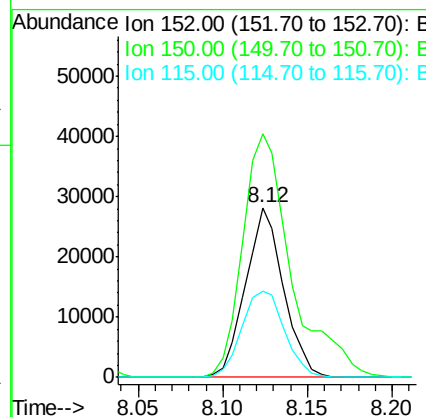
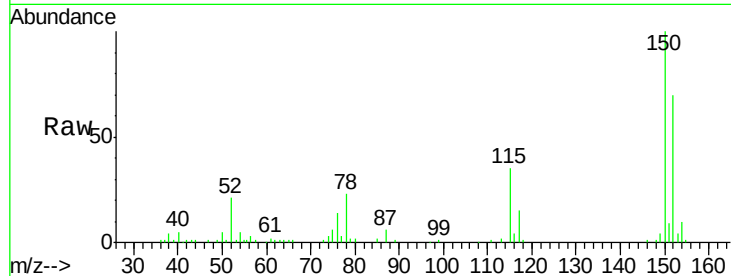
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleID :
 PB104800BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.4	126.6	189.8
115	50.8	53.0	79.4

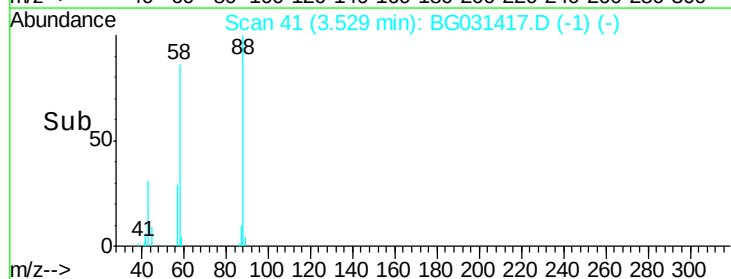
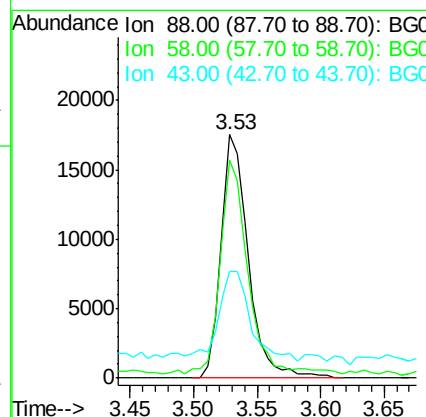
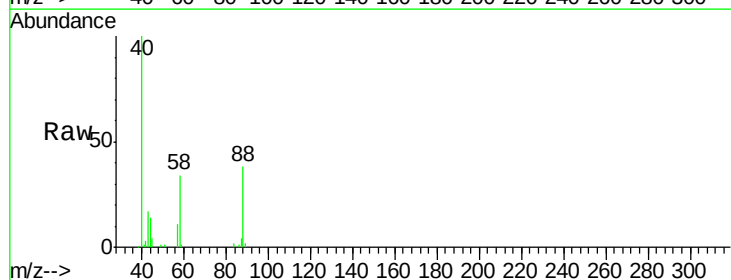
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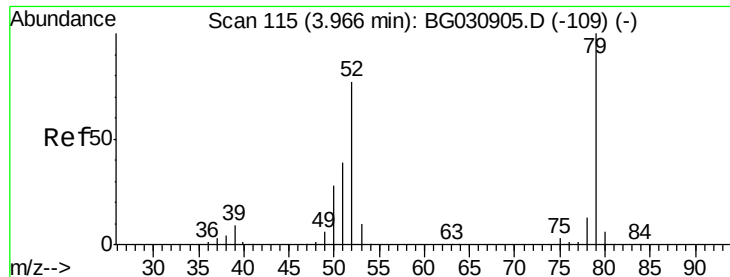
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#2
 1,4-Dioxane
 Concen: 25.269 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	79.6	119.4
43	43.4	27.4	41.0





#3

Pyridine

Concen: 25.102 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

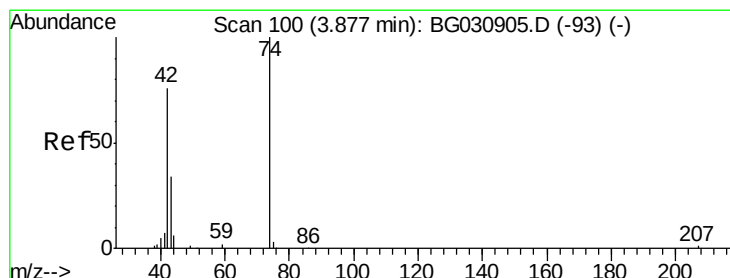
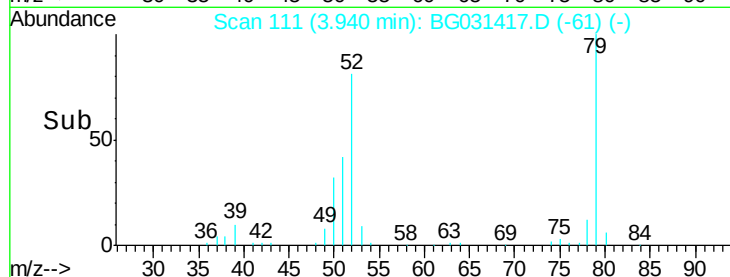
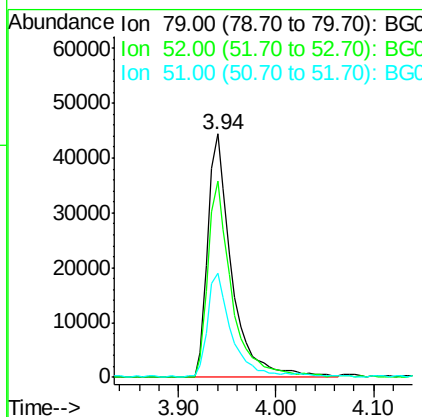
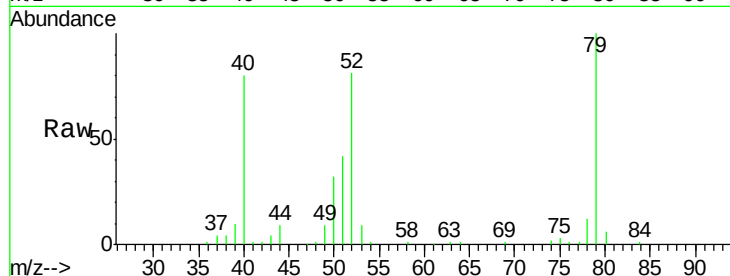
ClientSampleId :

PB104800BSD

Tgt Ion:	79	Resp:	76238
Ion	Ratio	Lower	Upper
79	100		
52	80.6	69.9	104.9
51	42.5	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 30.033 ng

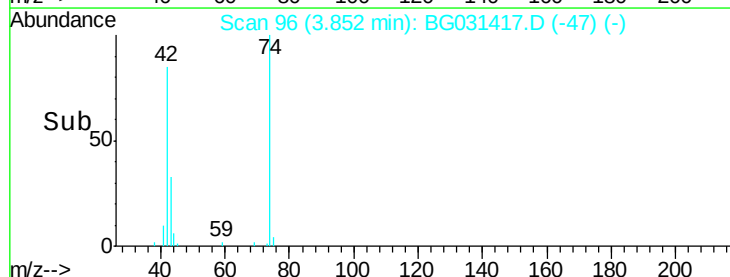
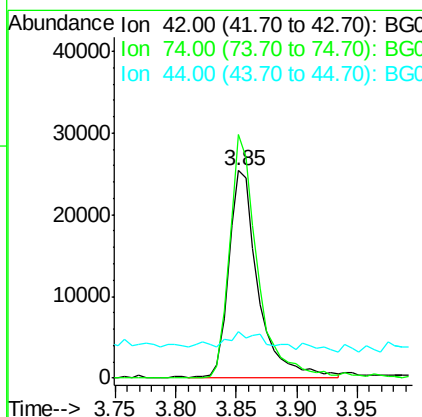
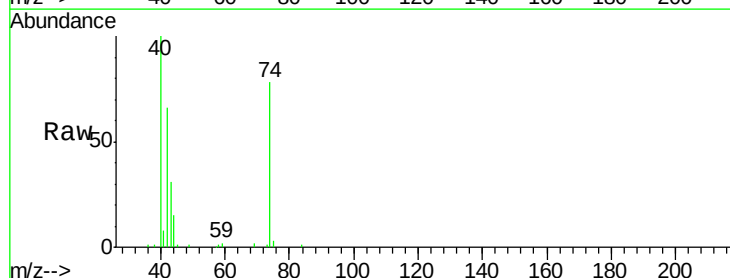
RT: 3.85 min Scan# 96

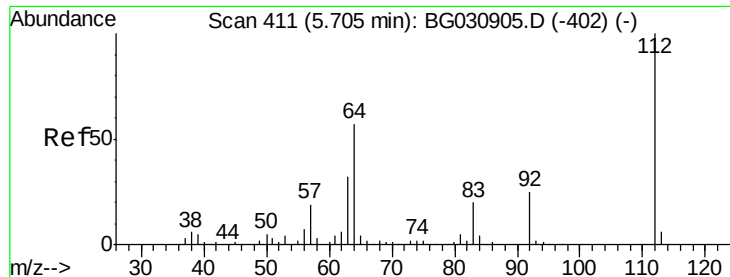
Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	42	Resp:	43230
Ion	Ratio	Lower	Upper
42	100		
74	117.3	102.5	153.7
44	22.5	18.9	28.3





#5

2-Fluorophenol

Concen: 76.848 ng

RT: 5.69 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

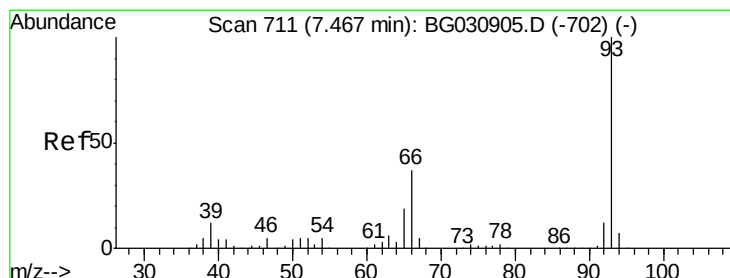
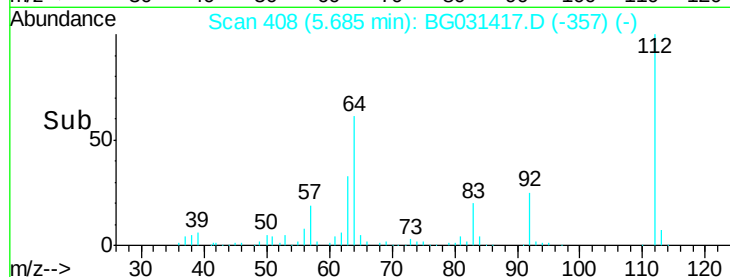
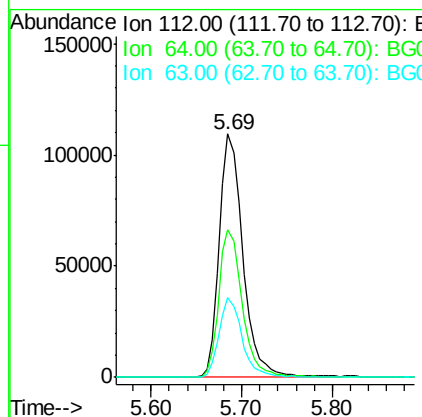
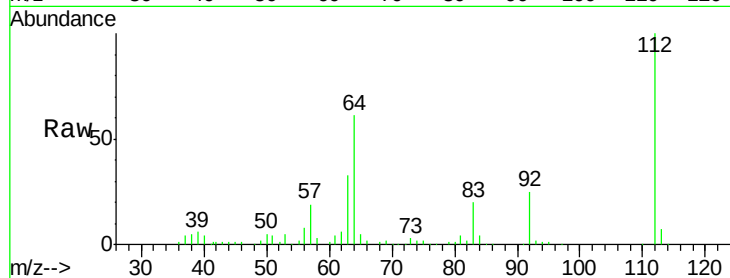
ClientSampled :

PB104800BSD

Tgt Ion:	112	Resp:	198113
Ion Ratio	Lower	Upper	
112	100		
64	60.9	56.3	84.5
63	32.6	30.1	45.1

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#6

Aniline

Concen: 8.880 ng

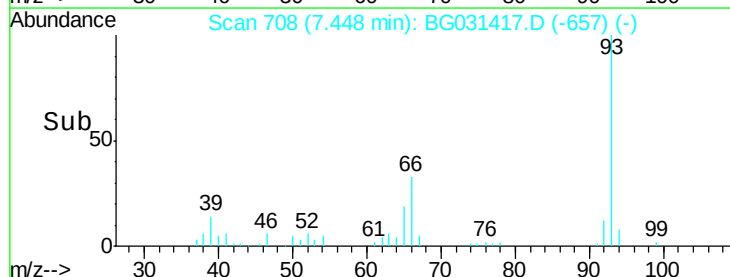
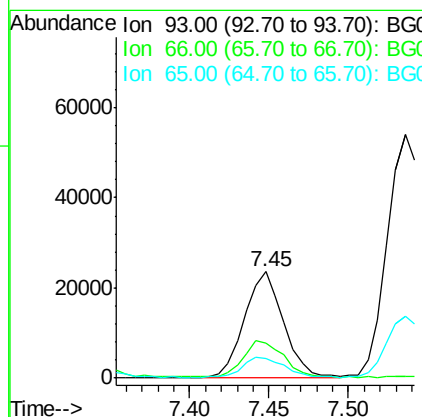
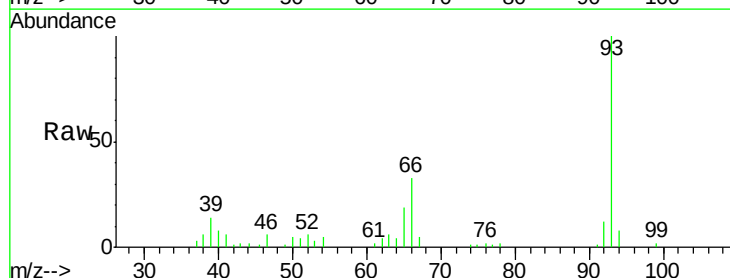
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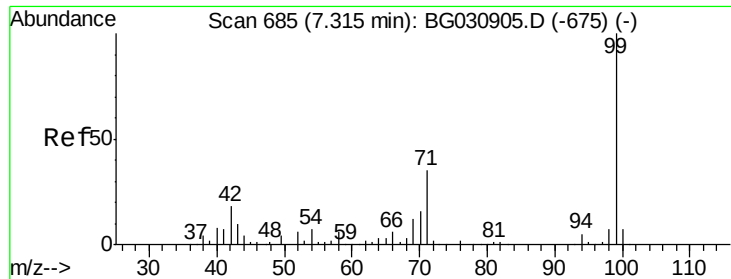
Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	93	Resp:	40590
Ion Ratio	Lower	Upper	
93	100		
66	32.6	33.7	50.5#
65	18.6	16.1	24.1





#7

Phenol-d6

Concen: 79.150 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

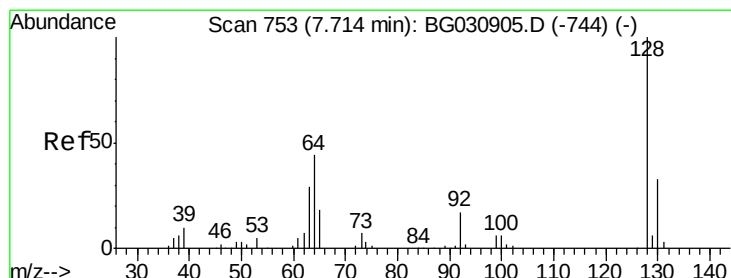
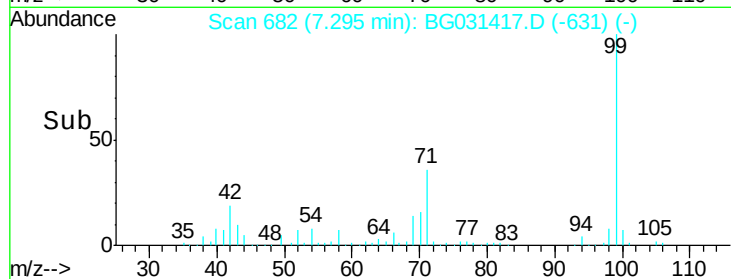
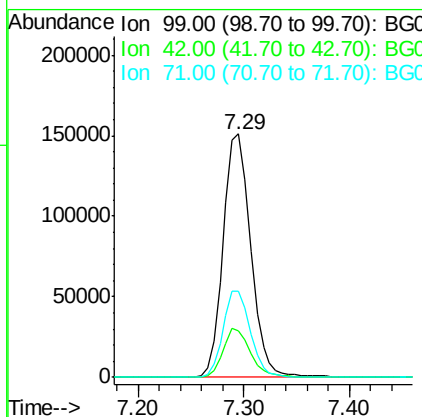
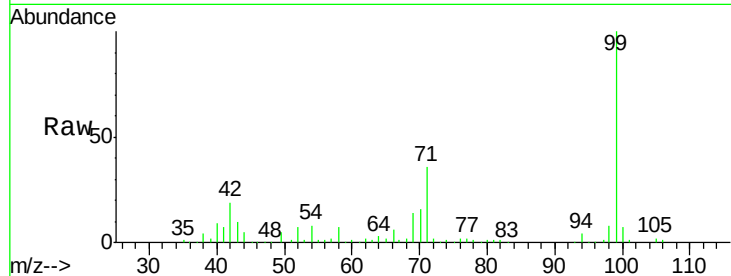
ClientSampleId :

PB104800BSD

Tgt Ion:	99	Resp:	274894
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.1	21.1
71	35.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 36.000 ng

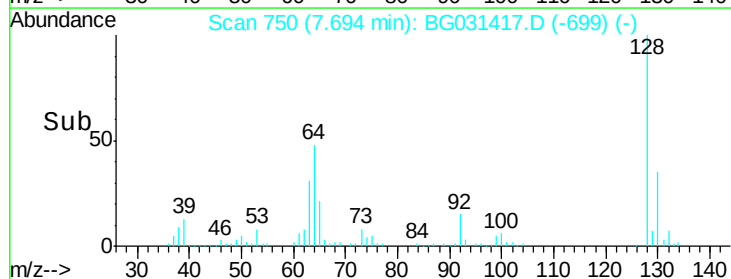
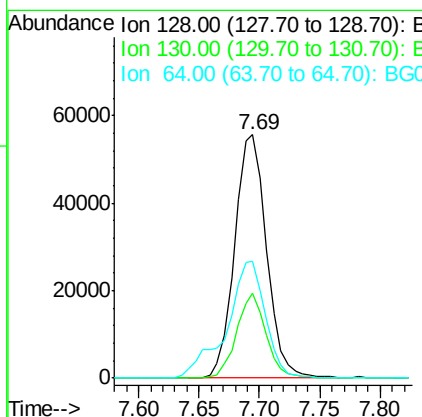
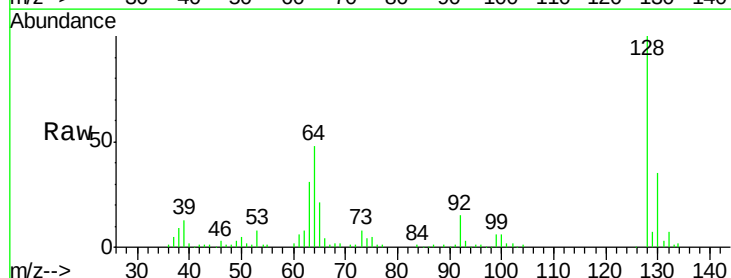
RT: 7.69 min Scan# 750

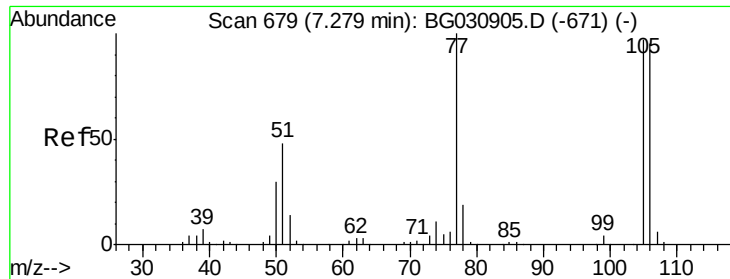
Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	128	Resp:	102419
Ion Ratio	Lower	Upper	
128	100		
130	34.9	14.0	54.0
64	48.0	37.7	77.7





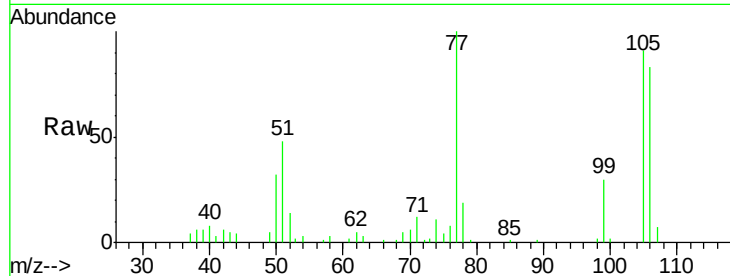
#9
Benzaldehyde
Concen: 14.409 ng
RT: 7.27 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleID :
PB104800BSD

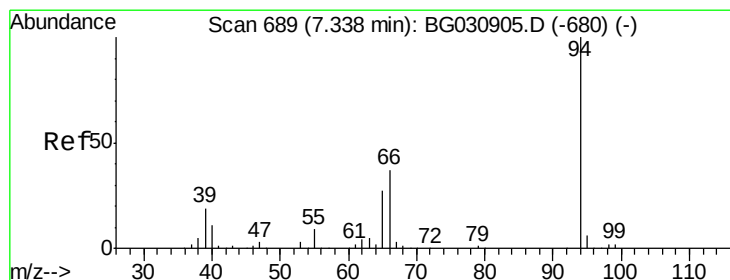
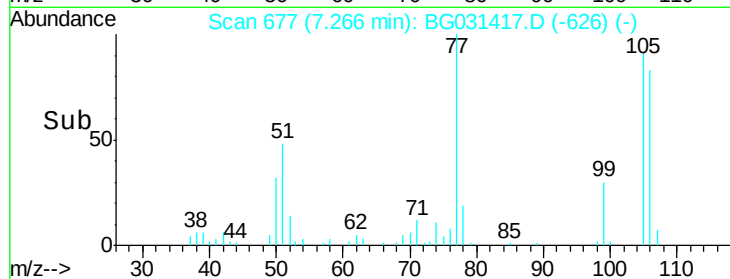
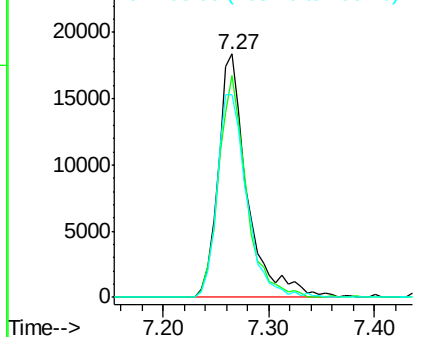
Tgt Ion: 77 Resp: 35019
Ion Ratio Lower Upper
77 100
105 90.9 71.3 111.3
106 83.4 64.2 104.2

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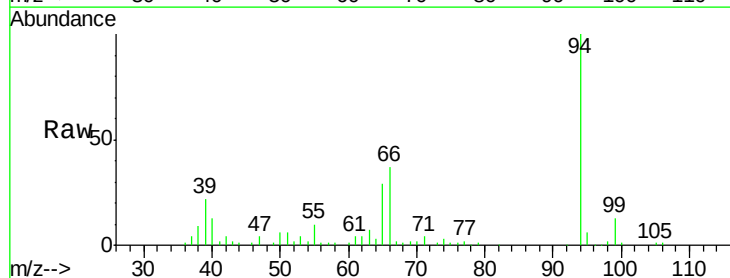


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

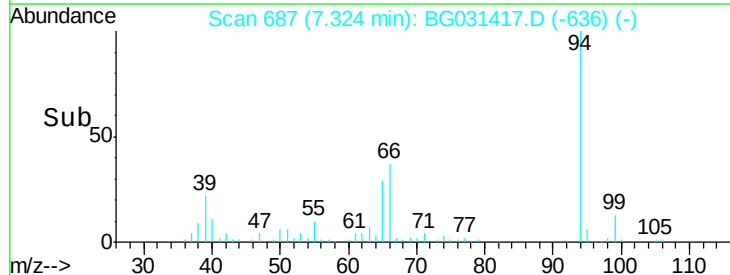
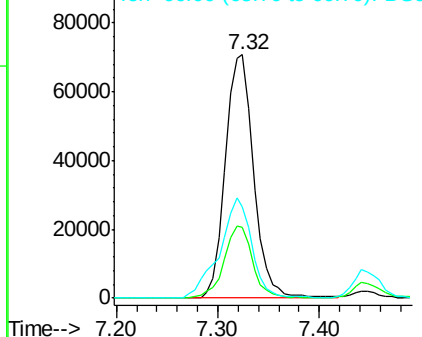


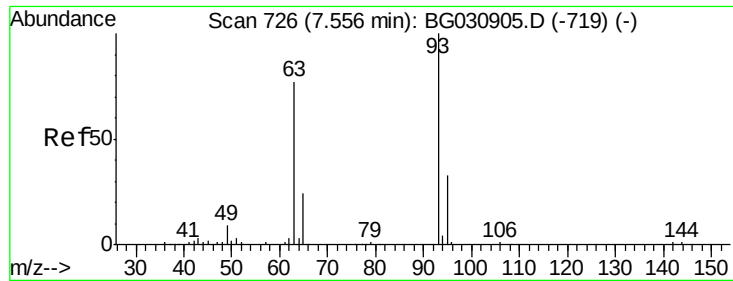
#10
Phenol
Concen: 37.965 ng
RT: 7.32 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion: 94 Resp: 136932
Ion Ratio Lower Upper
94 100
65 28.8 11.9 51.9
66 37.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 31.706 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

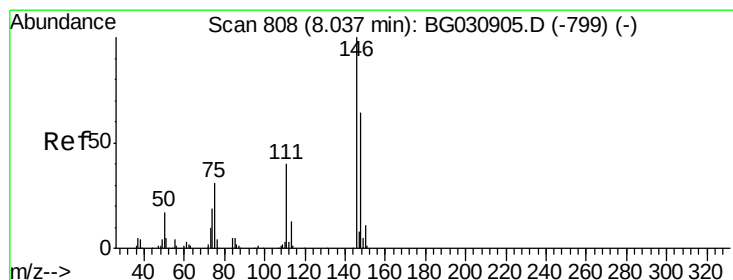
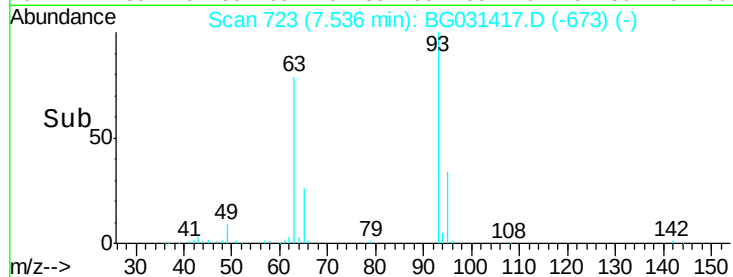
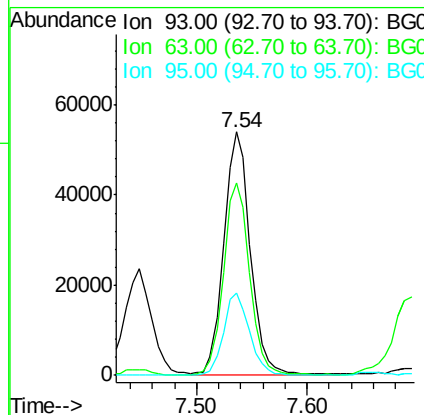
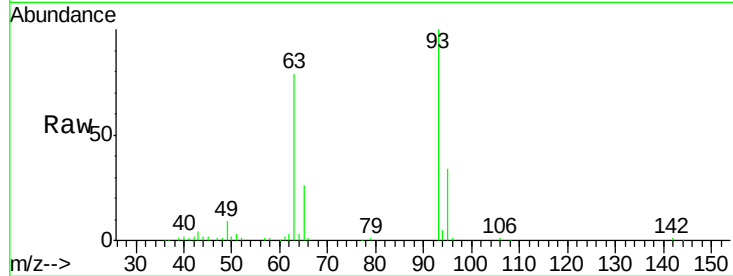
ClientSampleId :

PB104800BSD

Tgt Ion:	93	Resp:	91309
Ion	Ratio	Lower	Upper
93	100		
63	79.3	67.1	107.1
95	33.9	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 31.296 ng

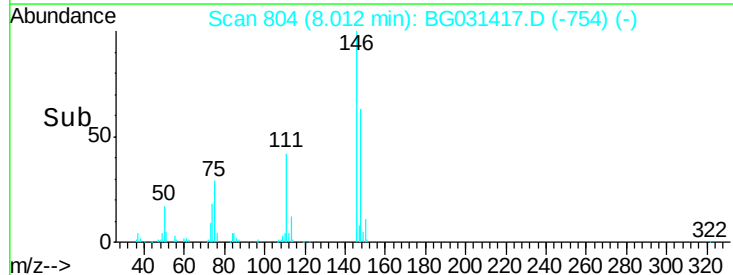
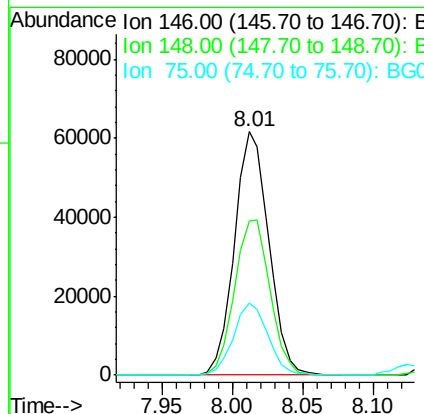
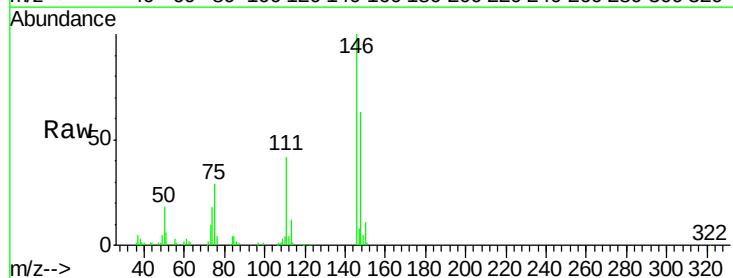
RT: 8.01 min Scan# 804

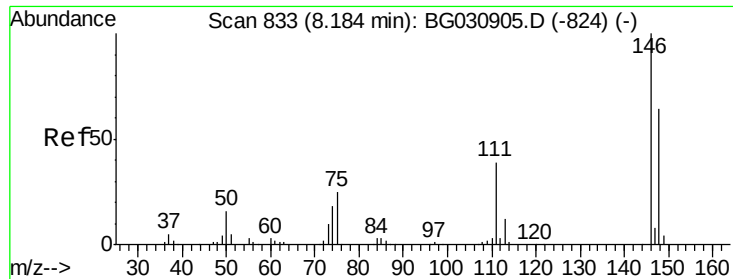
Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	146	Resp:	104461
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	29.4	26.6	39.8





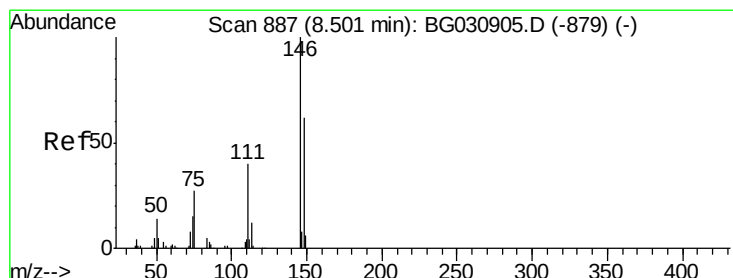
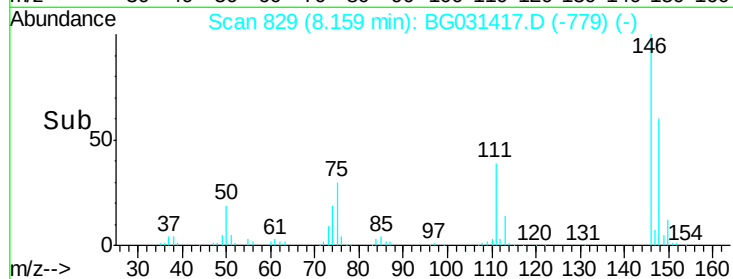
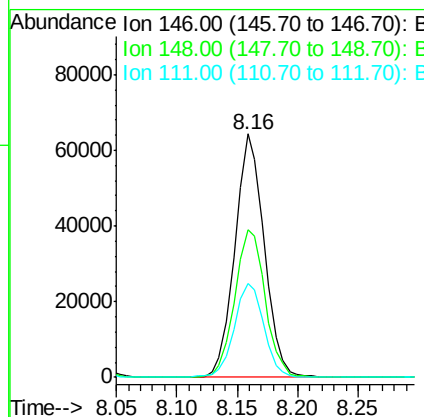
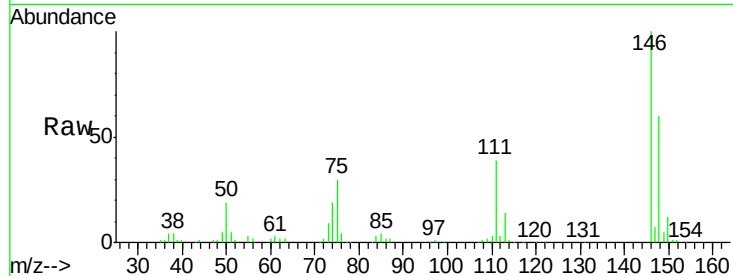
#13
 1,4-Dichlorobenzene
 Concen: 32.173 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	53.7	80.5
111	38.8	35.2	52.8

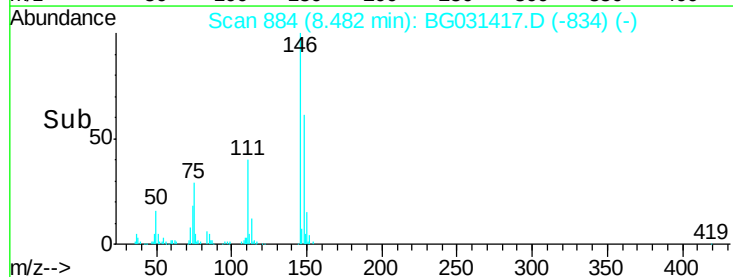
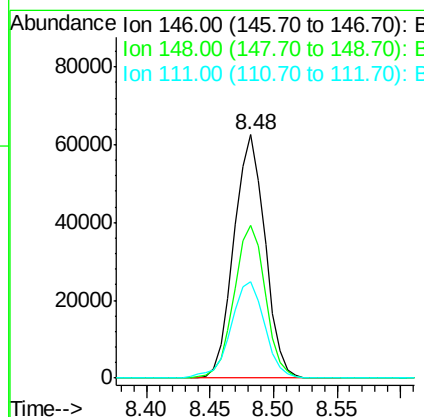
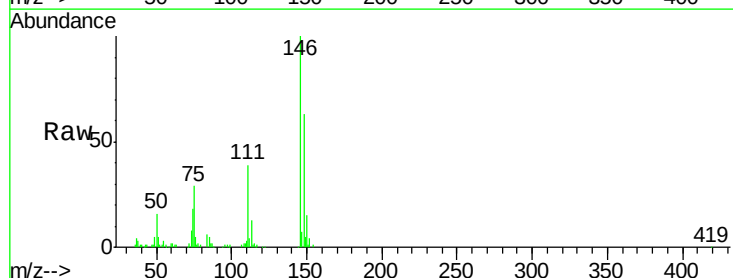
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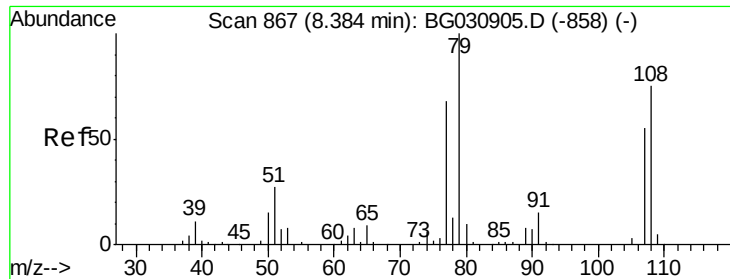
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#14
 1,2-Dichlorobenzene
 Concen: 32.701 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.3	73.9
111	39.4	34.3	51.5





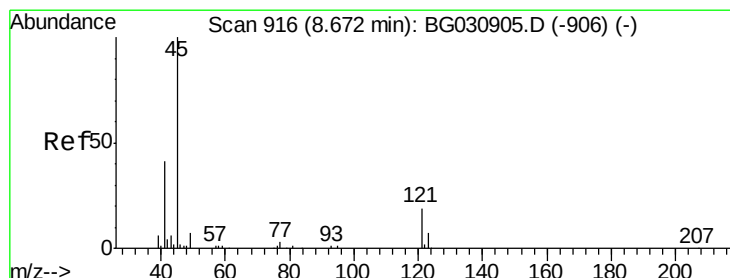
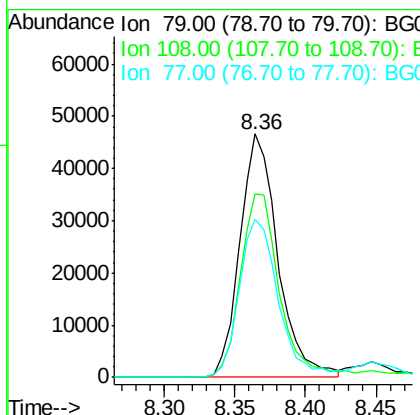
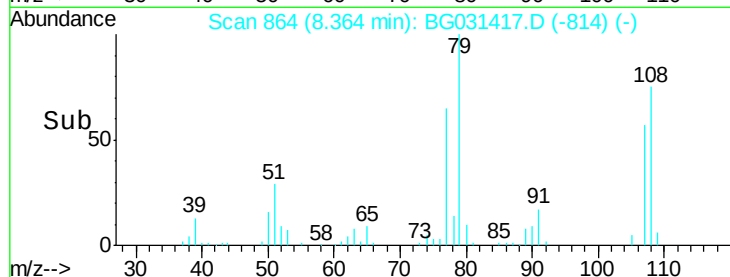
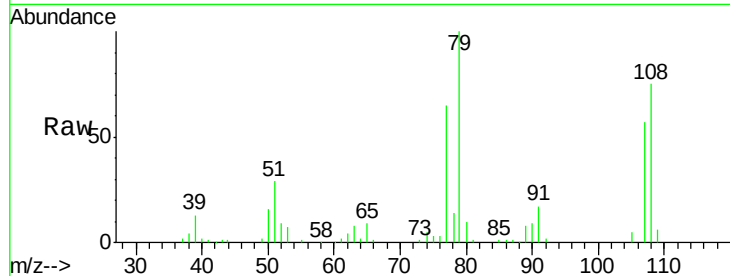
#15
Benzyl Alcohol
Concen: 31.523 ng
RT: 8.36 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion: 79 Resp: 87819
Ion Ratio Lower Upper
79 100
108 75.4 57.2 85.8
77 65.1 46.1 69.1

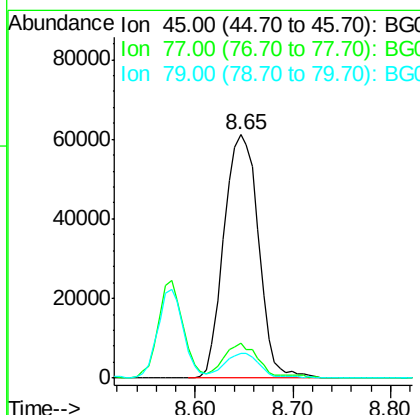
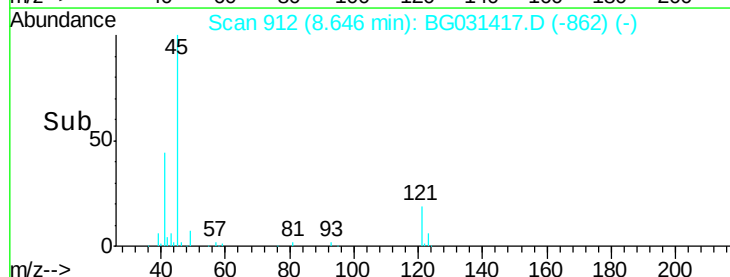
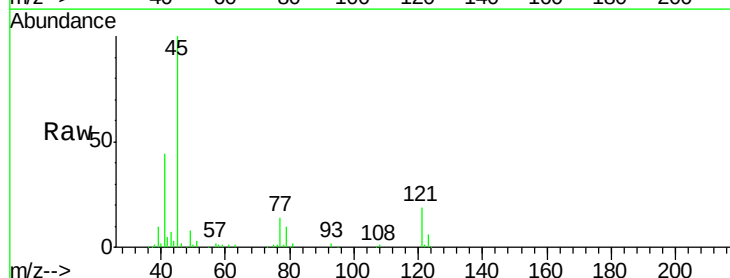
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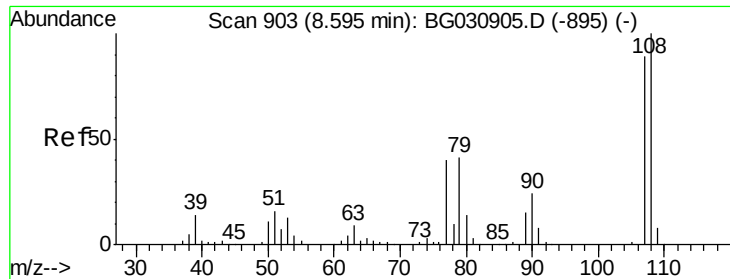
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.251 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion: 45 Resp: 150305
Ion Ratio Lower Upper
45 100
77 14.5 0.0 30.2
79 10.0 0.0 27.9





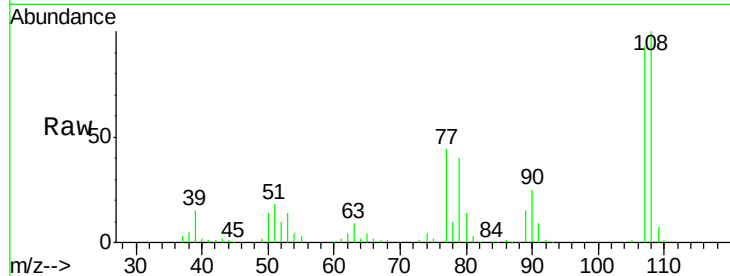
#17
2-Methylphenol
Concen: 36.297 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	91166		
108	107.5	83.9	125.9	
77	47.1	37.2	55.8	
79	42.9	36.2	54.2	

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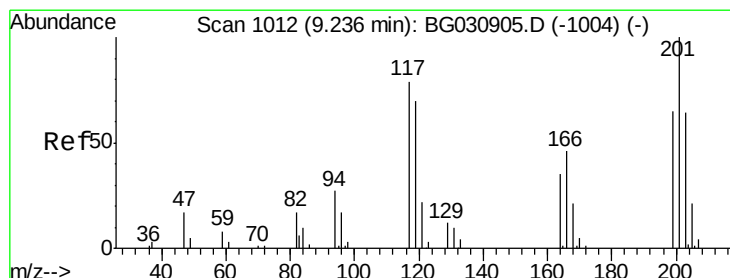
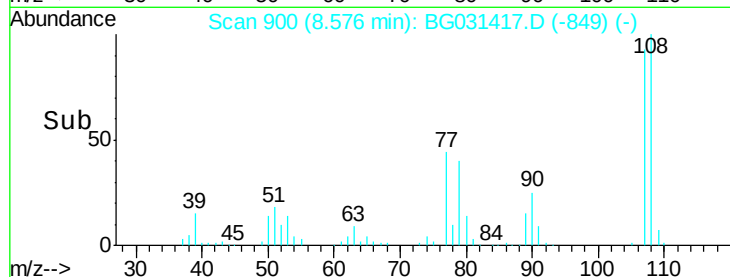
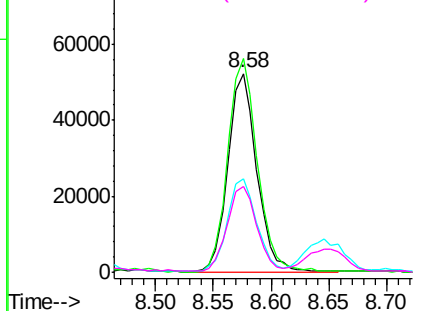
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 32.155 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

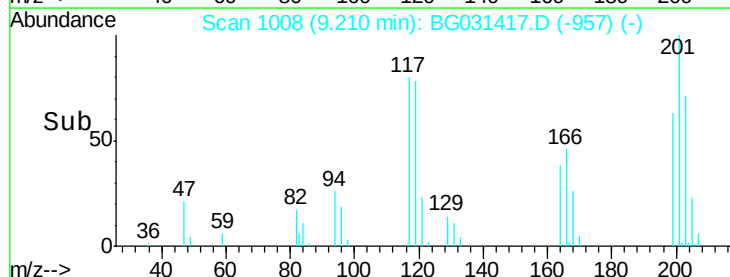
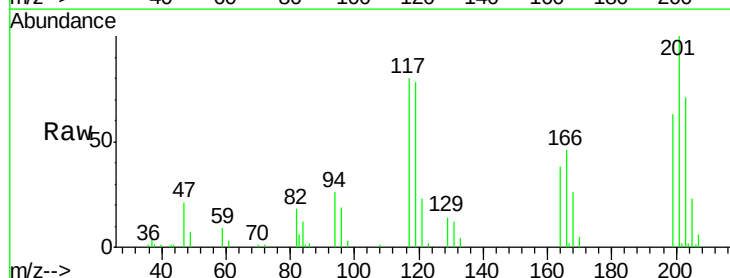
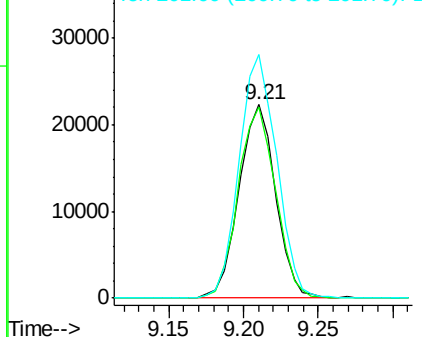
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37854		
119	98.5	76.7	115.1	
201	125.8	95.7	143.5	

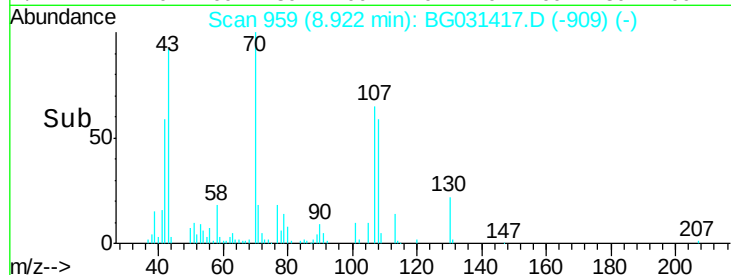
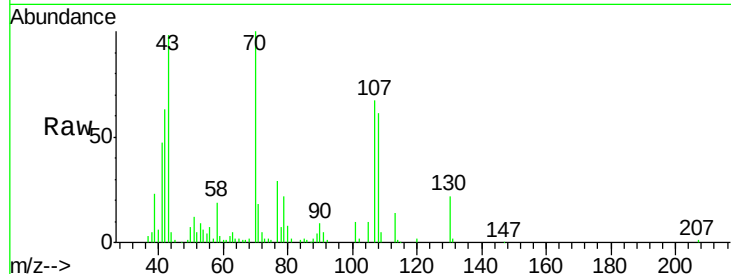
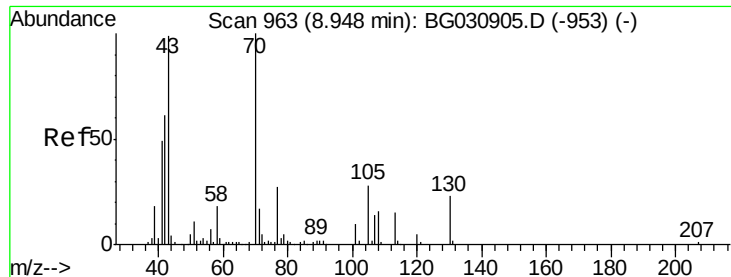
Abundance

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





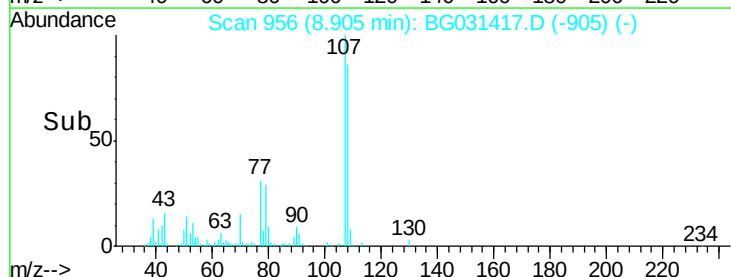
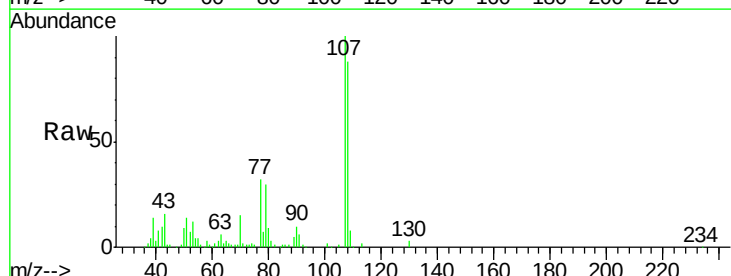
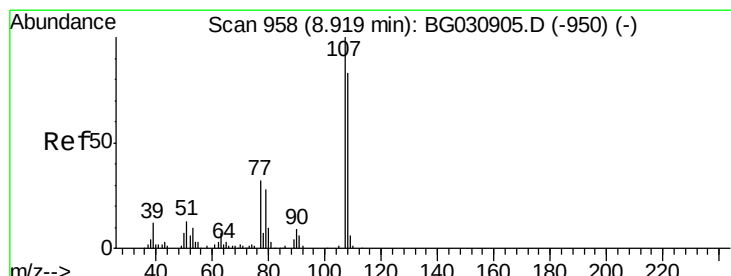
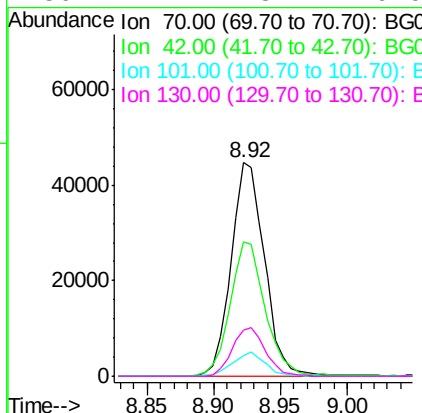
#19
n-Nitroso-di-n-propylamine
Concen: 29.376 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.1	73.7
101	9.8	8.5	12.7
130	21.7	13.4	20.0#

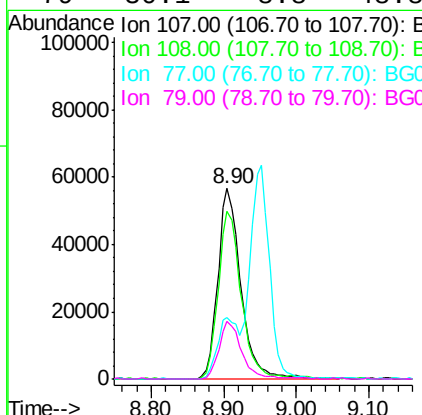
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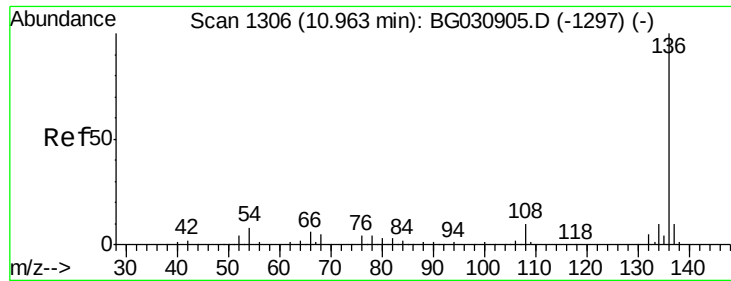
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#20
3+4-Methylphenols
Concen: 34.975 ng
RT: 8.90 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	61.6	101.6
77	32.0	13.9	53.9
79	30.1	8.8	48.8





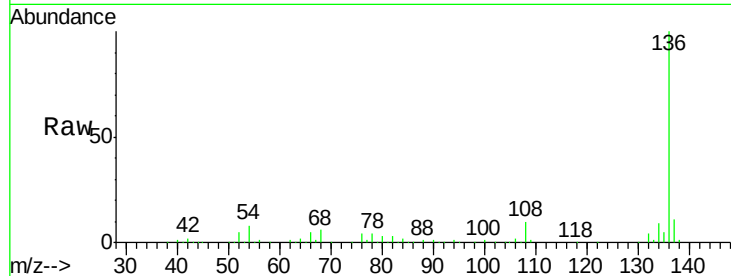
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

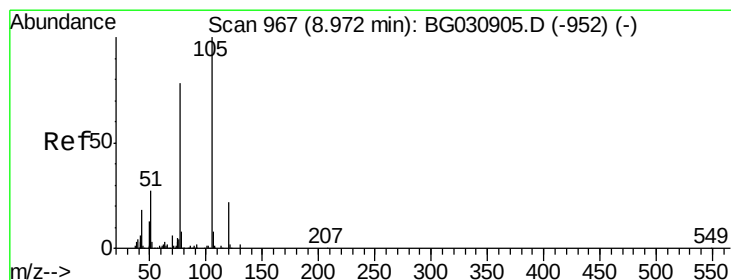
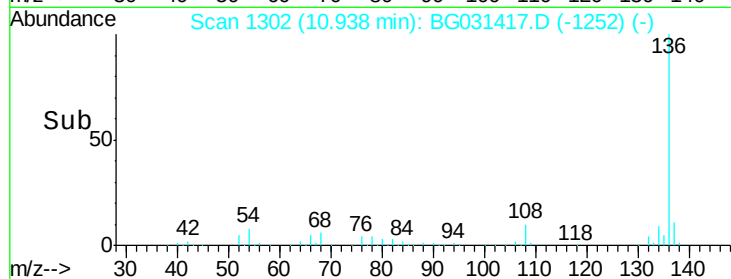
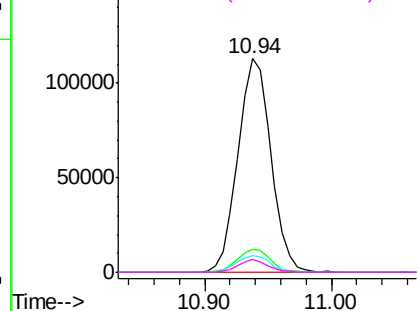
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	202961		
137	10.8	9.2	13.8	
54	7.9	10.3	15.5	
68	5.8	4.5	6.7	

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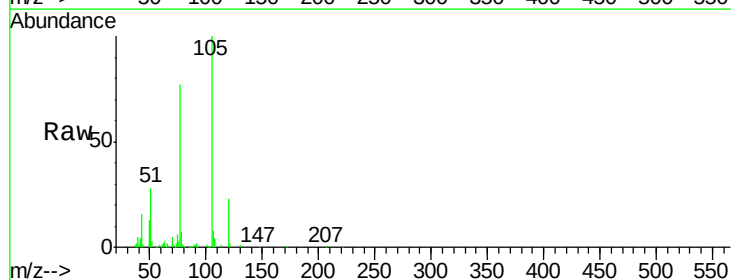


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

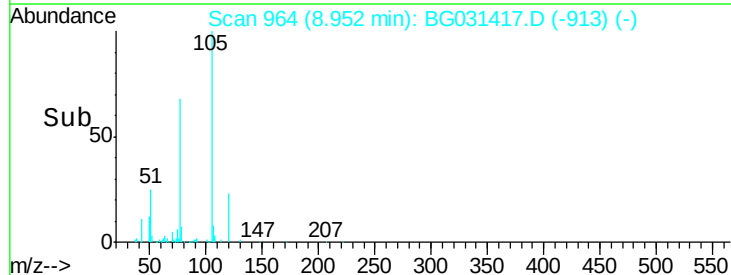
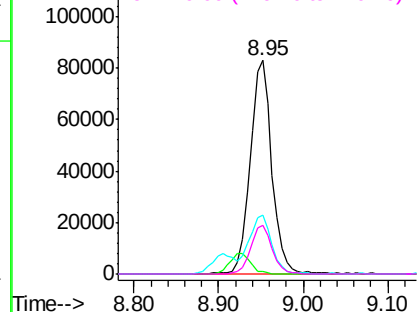


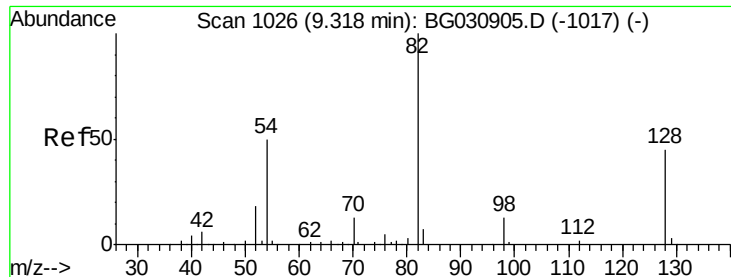
#22
Acetophenone
Concen: 29.190 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147511		
71	1.3	3.0	4.4	
51	27.7	26.1	39.1	
120	22.9	17.4	26.2	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





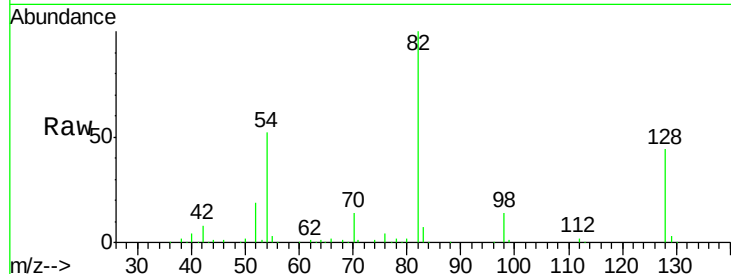
#23
Nitrobenzene-d5
Concen: 69.683 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

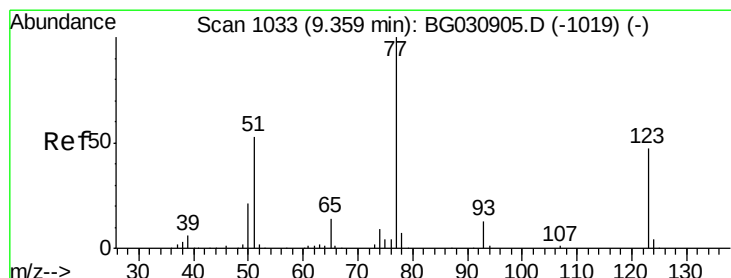
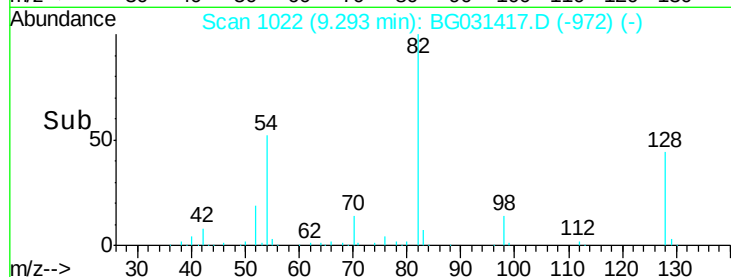
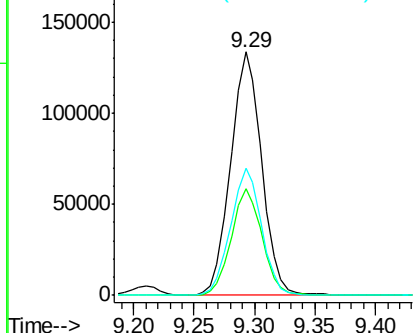
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	238673		
128	43.7	29.7	44.5	
54	52.3	43.1	64.7	

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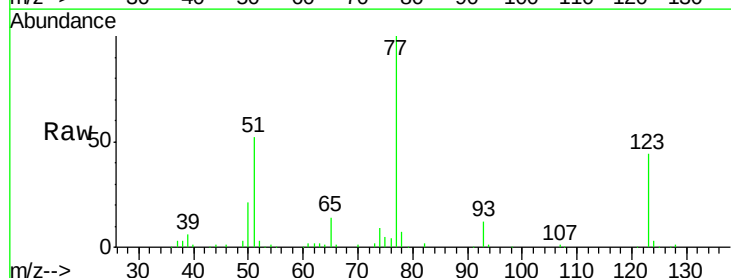


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

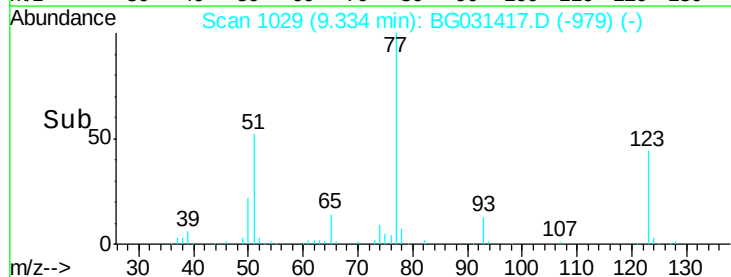
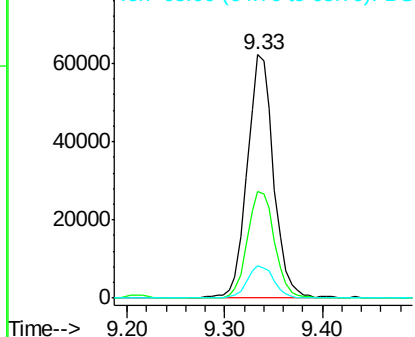


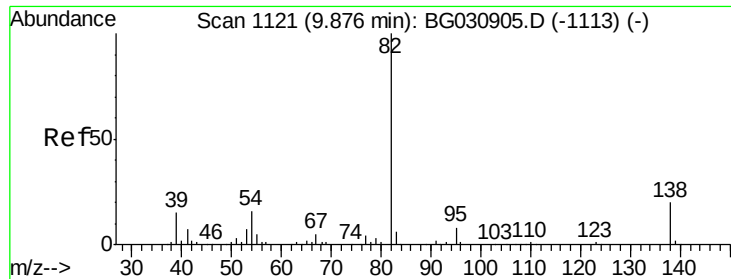
#24
Nitrobenzene
Concen: 33.689 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	117871		
123	43.8	33.0	49.6	
65	13.5	13.0	19.6	



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





#25

Isophorone

Concen: 33.117 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

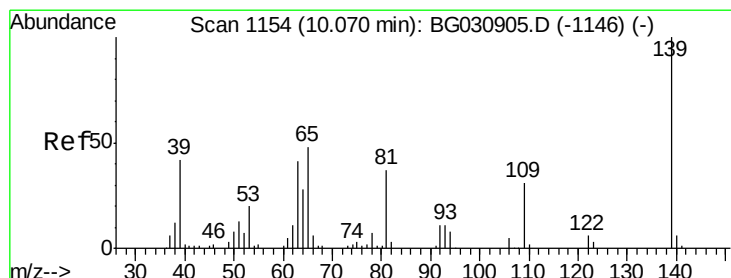
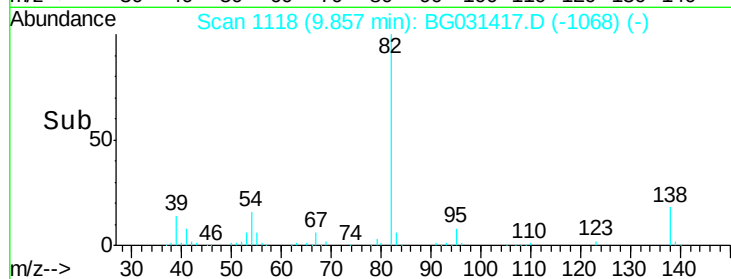
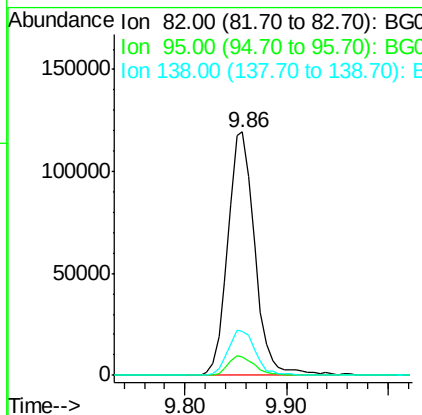
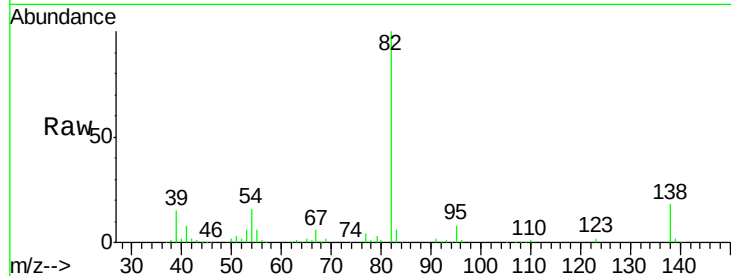
ClientSampleId :

PB104800BSD

Tgt Ion:	82	Resp:	221216
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.2	9.2
138	18.0	12.1	18.1

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#26

2-Nitrophenol

Concen: 31.971 ng

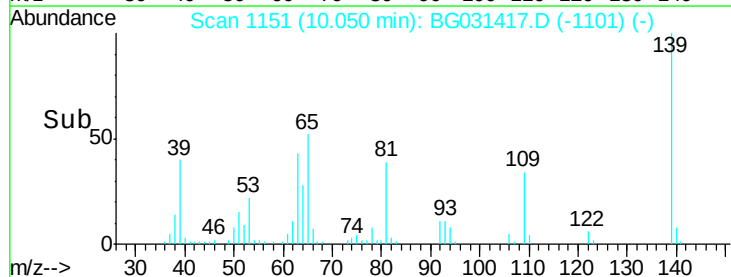
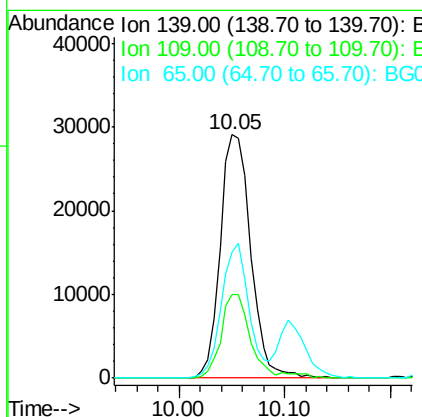
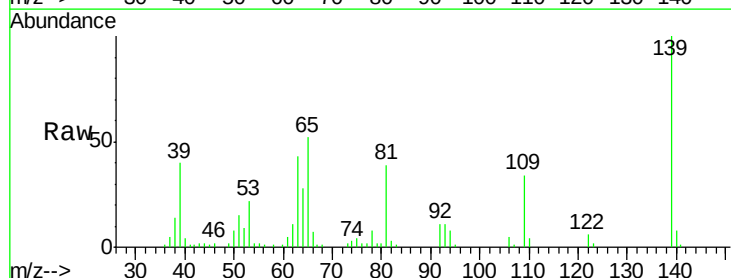
RT: 10.05 min Scan# 1151

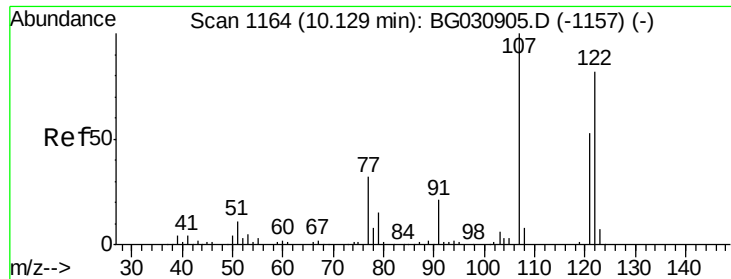
Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	139	Resp:	58306
Ion Ratio		Lower	Upper
139	100		
109	34.2	24.2	36.2
65	51.7	47.4	71.0





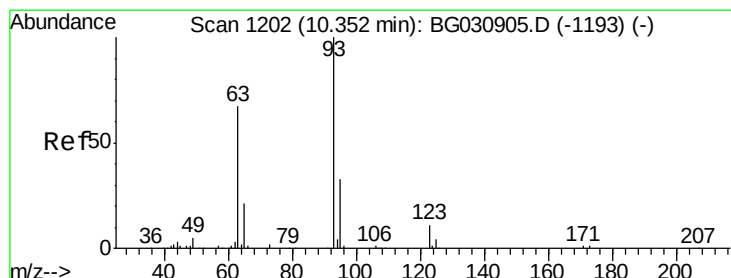
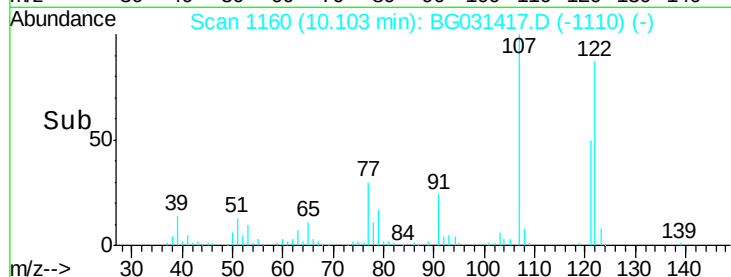
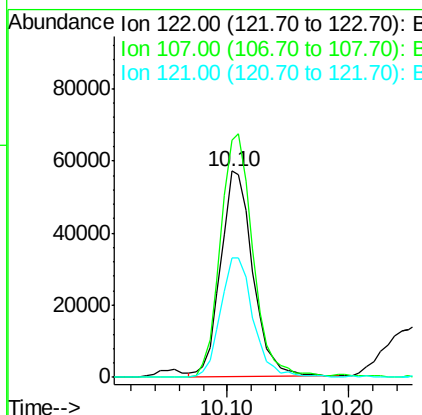
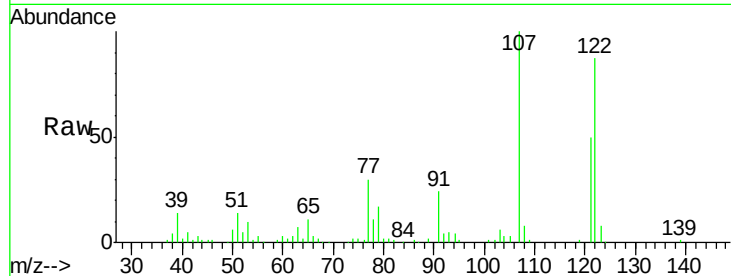
#27
 2,4-Dimethylphenol
 Concen: 38.775 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	104983		
107	114.9	100.2	150.2	
121	57.6	44.4	66.6	

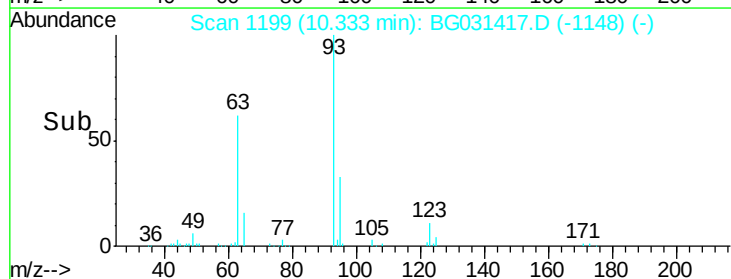
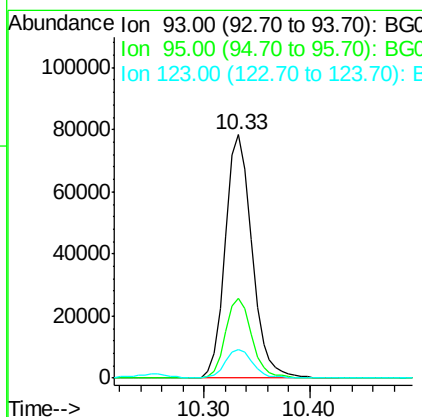
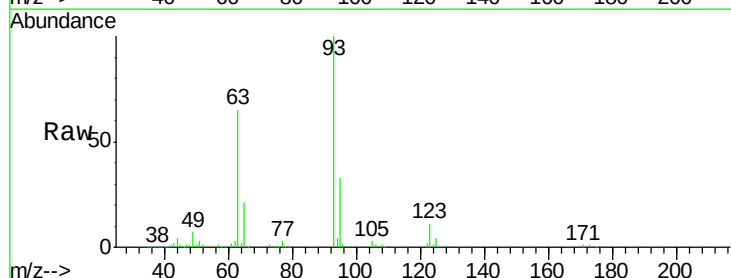
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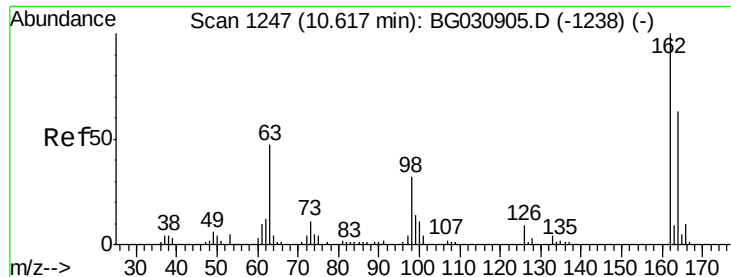
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#28
 bis(2-Chloroethoxy)methane
 Concen: 32.777 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	137897		
95	32.9	24.3	36.5	
123	11.5	8.4	12.6	





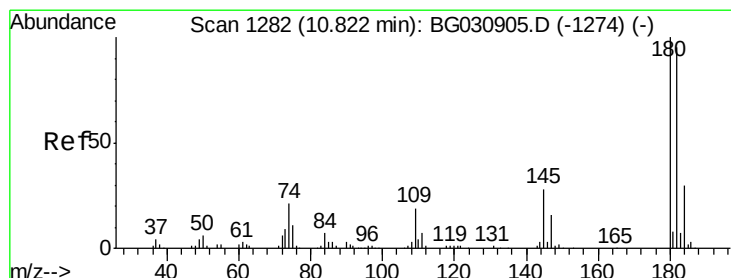
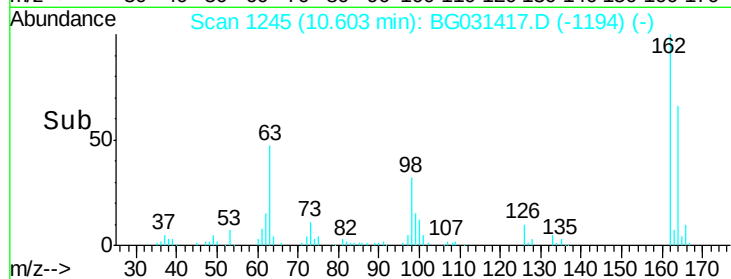
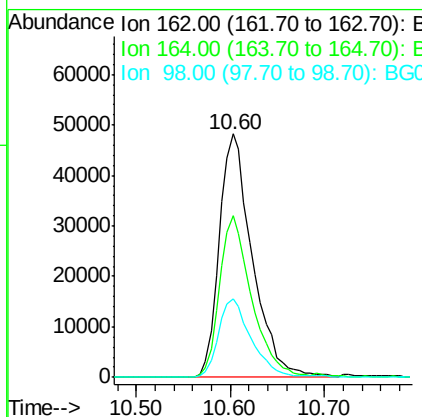
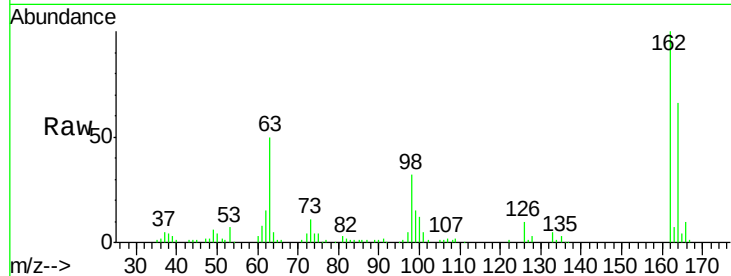
#29
 2,4-Dichlorophenol
 Concen: 36.388 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	118305		
164	66.4	48.0	88.0	
98	32.0	21.1	61.1	

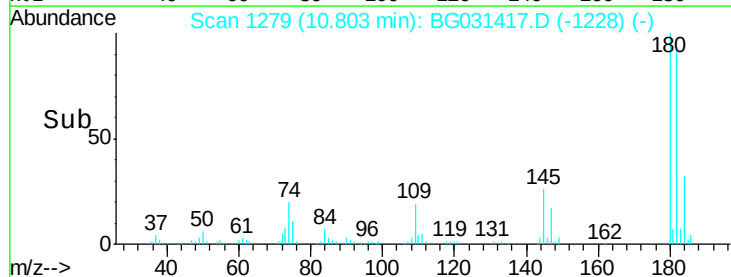
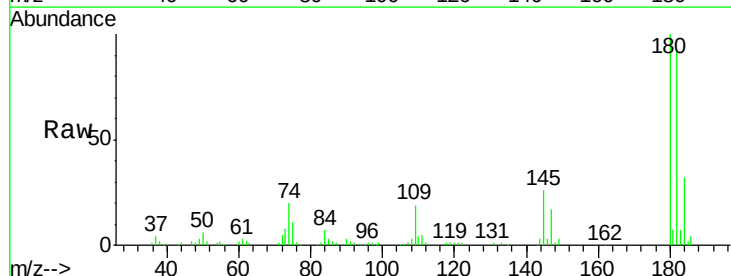
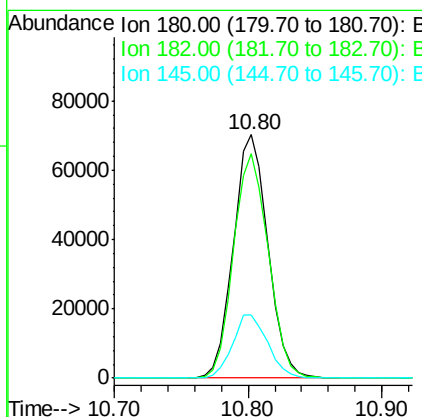
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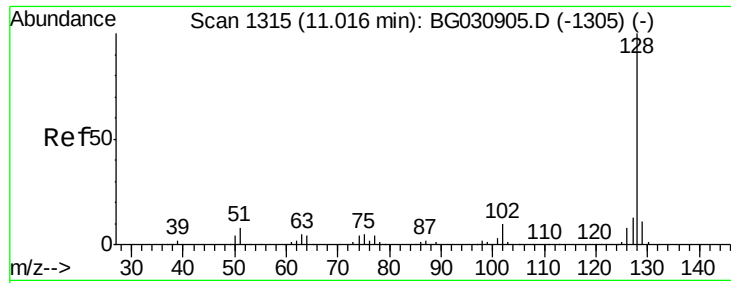
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.420 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125840		
182	92.3	77.5	116.3	
145	26.0	23.4	35.2	





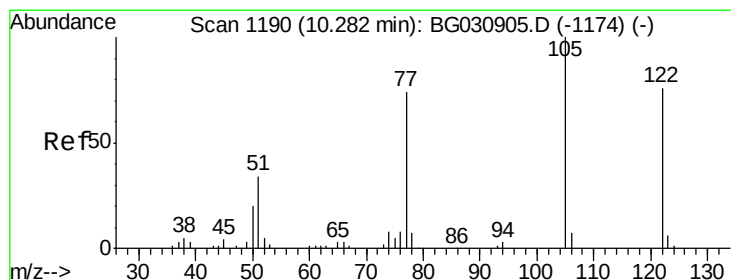
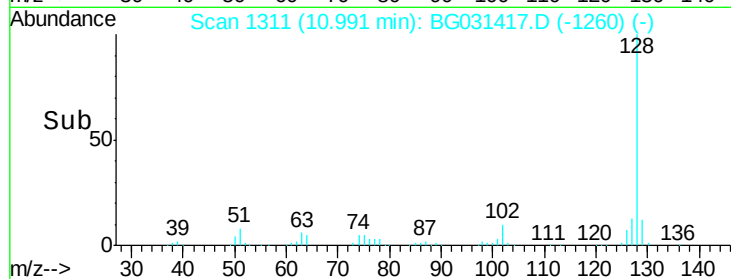
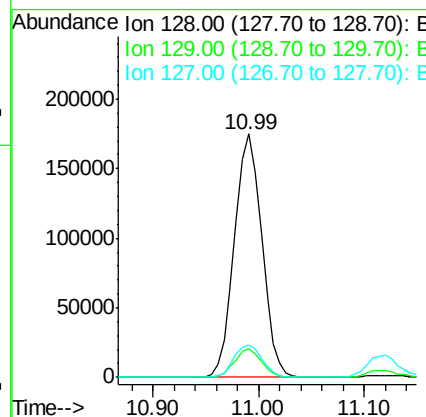
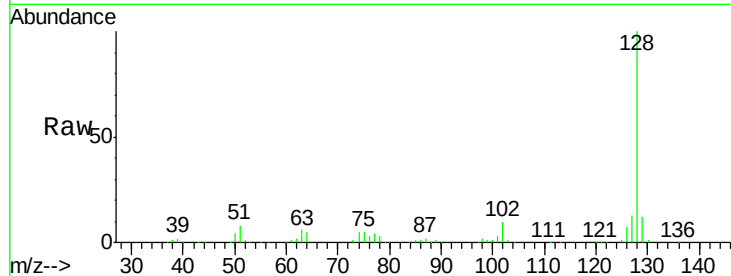
#31
Naphthalene
Concen: 31.538 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	314671		
129	11.8	8.6	12.8	
127	13.4	11.6	17.4	

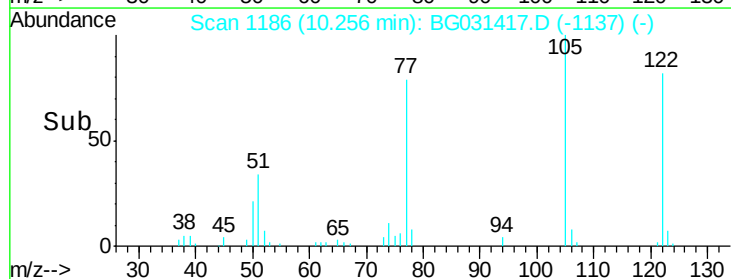
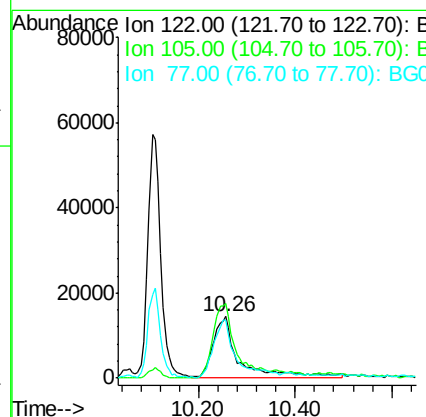
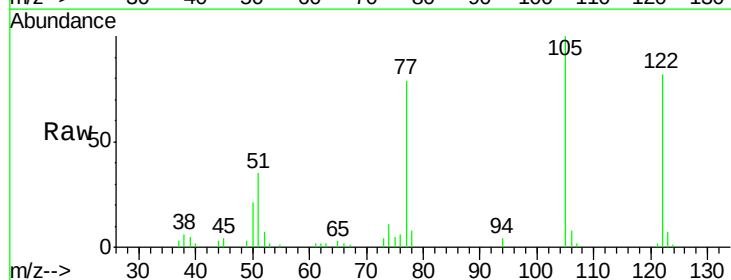
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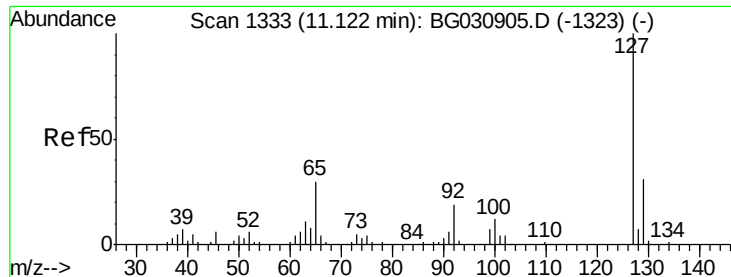
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#32
Benzoic acid
Concen: 27.462 ng m
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55734		
105	121.5	123.5	163.5#	
77	95.4	85.7	125.7	





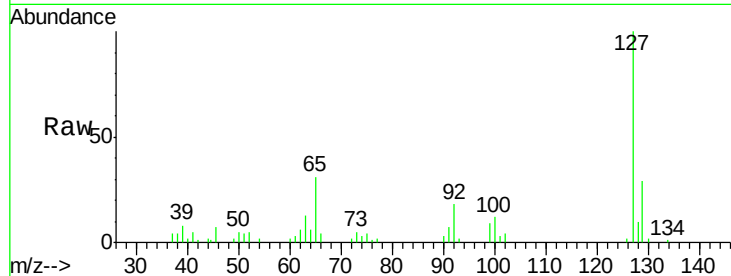
#33
4-Chloroaniline
Concen: 8.352 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

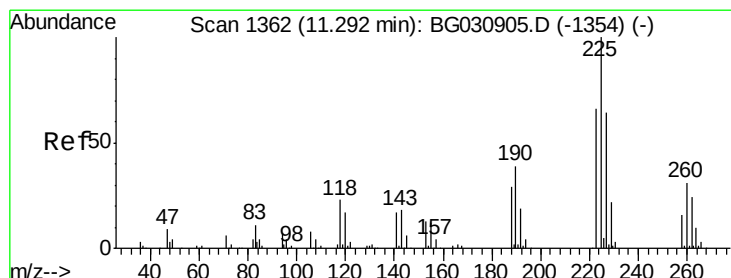
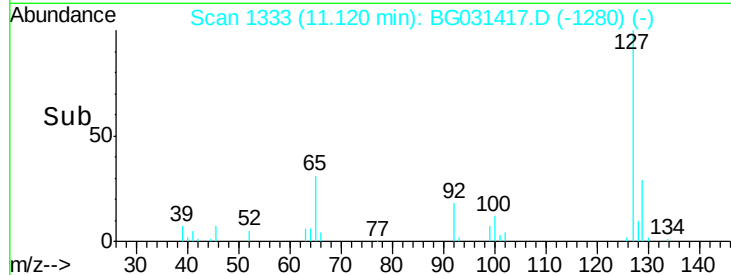
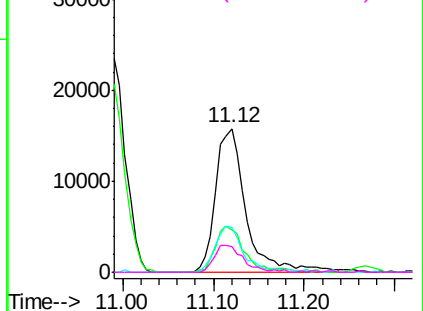
Tgt Ion:	127	Resp:	36480
Ion Ratio	Lower	Upper	
127	100		
129	29.3	24.0	36.0
65	31.1	27.0	40.4
92	18.2	16.6	25.0

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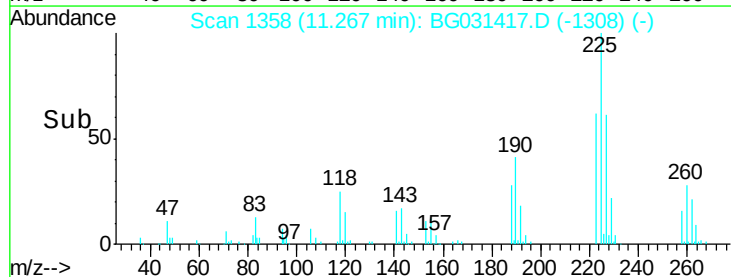
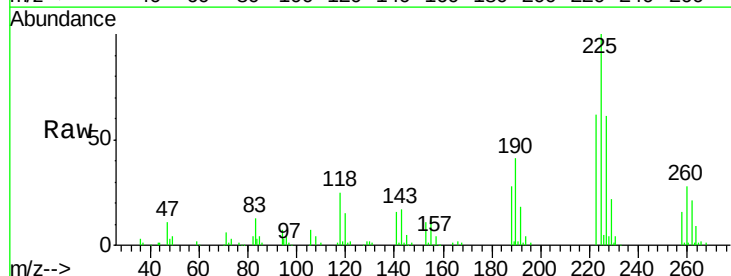
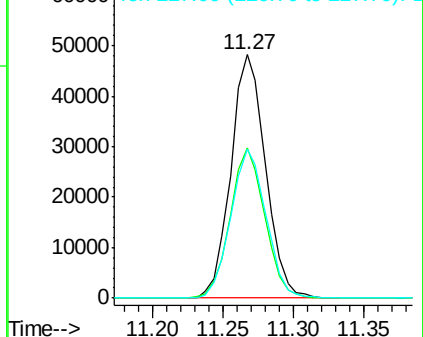
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

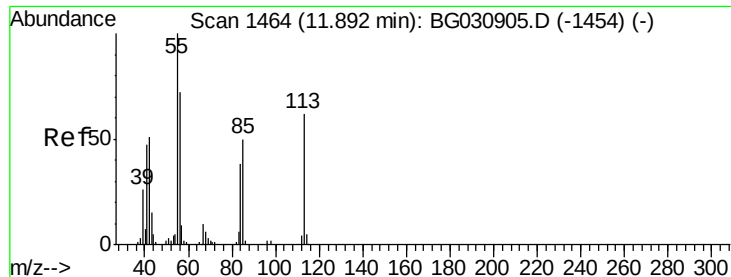


#34
Hexachlorobutadiene
Concen: 30.534 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion:	225	Resp:	82196
Ion Ratio	Lower	Upper	
225	100		
223	61.7	49.7	74.5
227	60.9	48.1	72.1

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: 37.329 ng m

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

ClientSampleId :

PB104800BSD

Tgt Ion:113 Resp: 49578

Ion Ratio Lower Upper

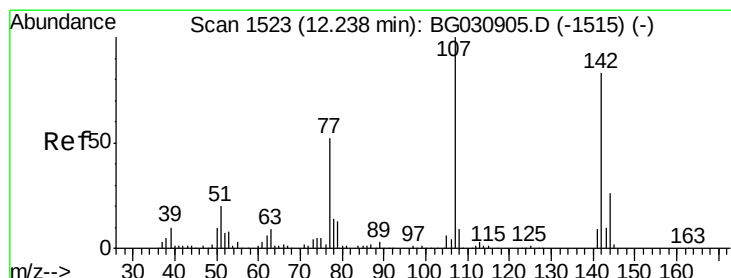
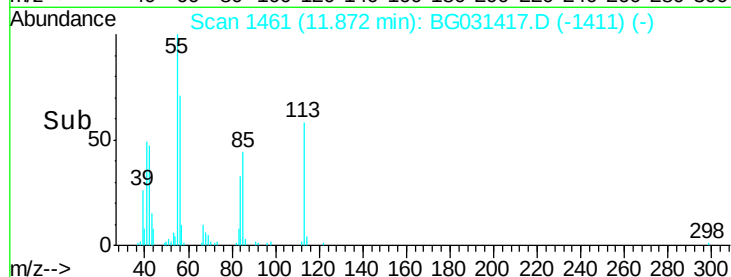
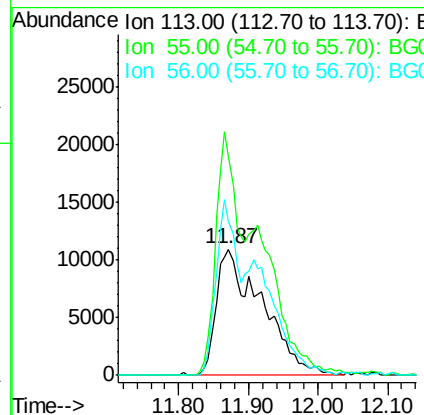
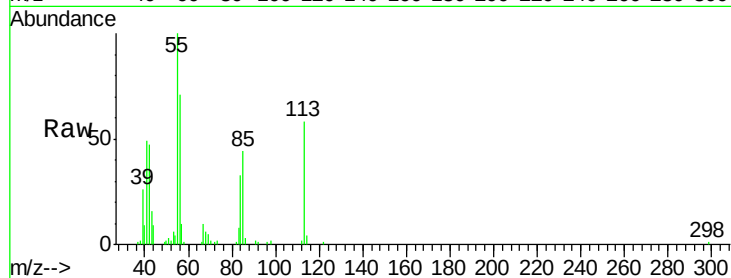
113 100

55 173.8 186.9 226.9#

56 122.6 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 36.580 ng

RT: 12.22 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

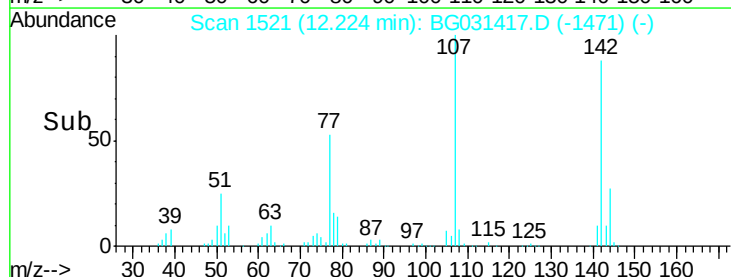
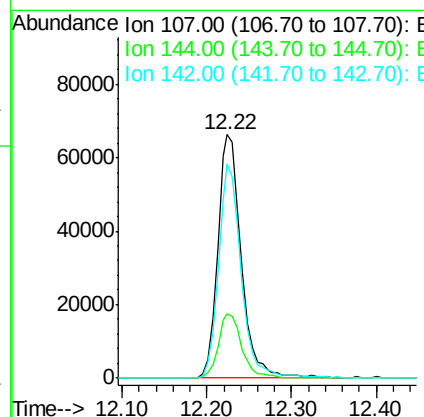
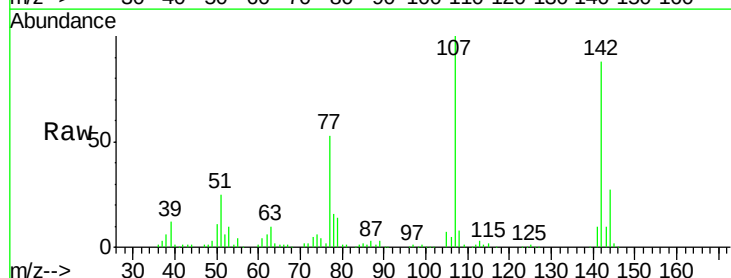
Tgt Ion:107 Resp: 129441

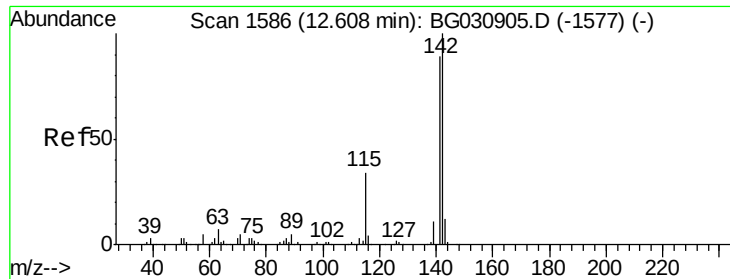
Ion Ratio Lower Upper

107 100

144 26.5 18.2 27.4

142 87.8 59.0 88.4





#37

2-Methylnaphthalene

Concen: 33.288 ng

RT: 12.59 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

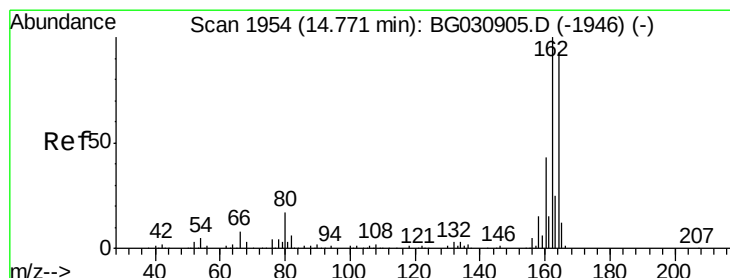
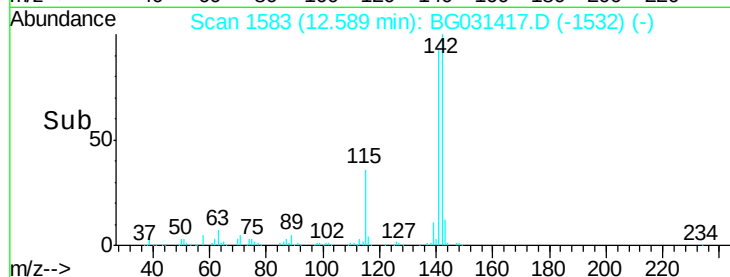
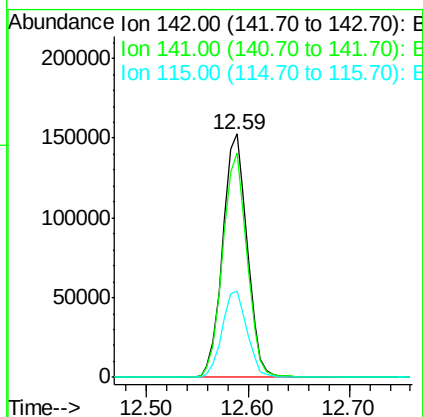
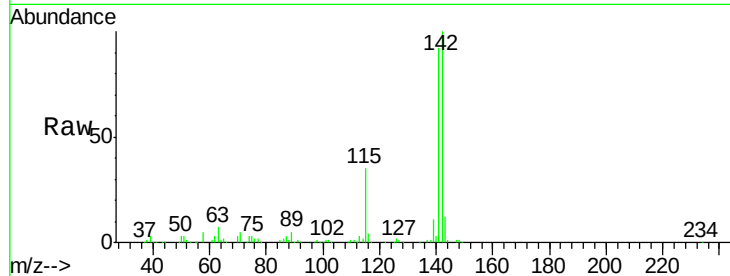
ClientSampleId :

PB104800BSD

Tgt Ion:	142	Resp:	256393
Ion Ratio	Lower	Upper	
142	100		
141	92.4	67.1	100.7
115	35.4	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

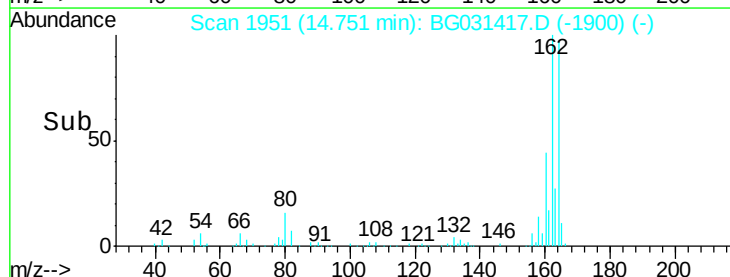
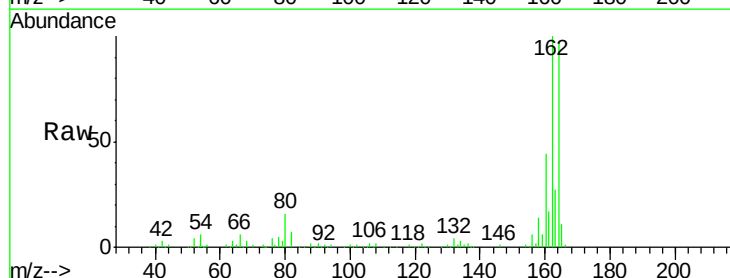
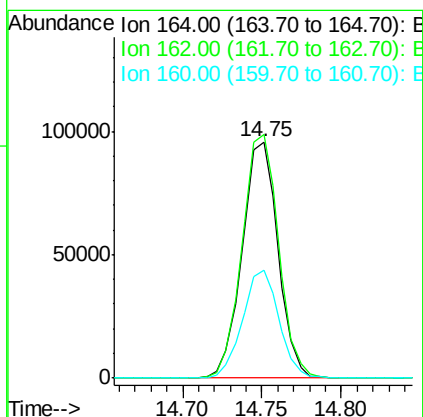
RT: 14.75 min Scan# 1951

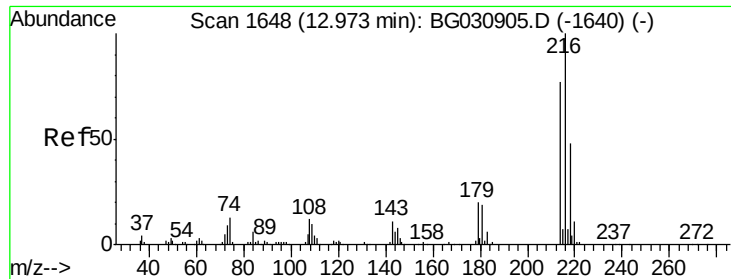
Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

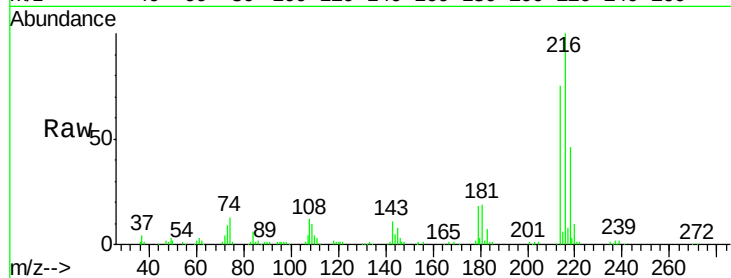
Tgt Ion:	164	Resp:	150050
Ion Ratio	Lower	Upper	
164	100		
162	103.0	78.8	118.2
160	45.4	35.4	53.0





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.611 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

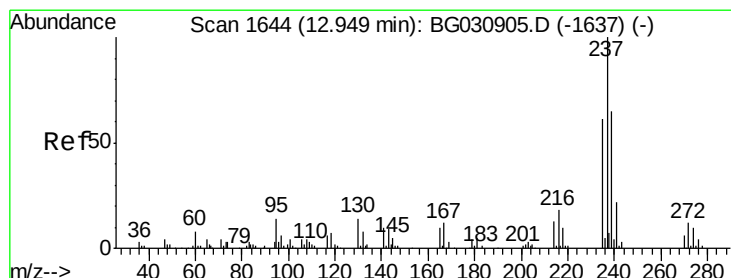
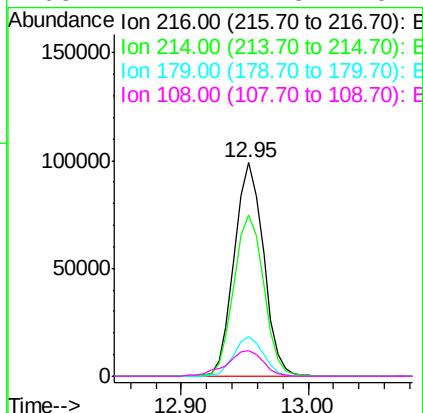
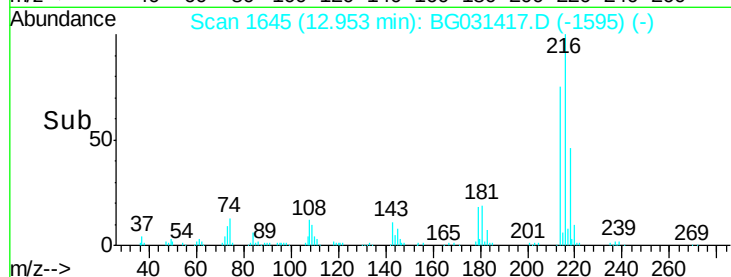
Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	158476		
214	77.2	63.0	94.4	
179	18.6	17.0	25.6	
108	14.7	12.8	19.2	

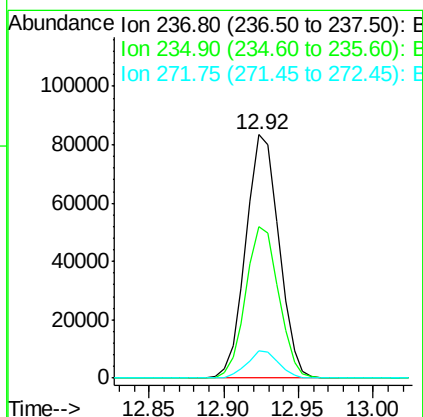
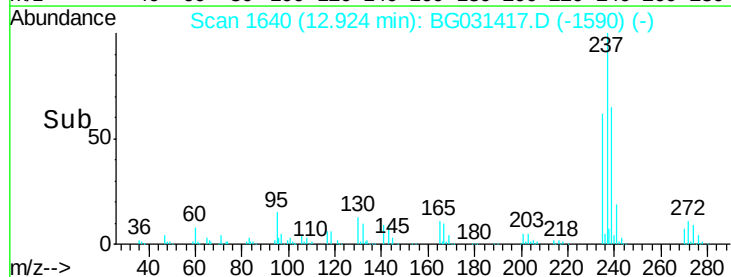
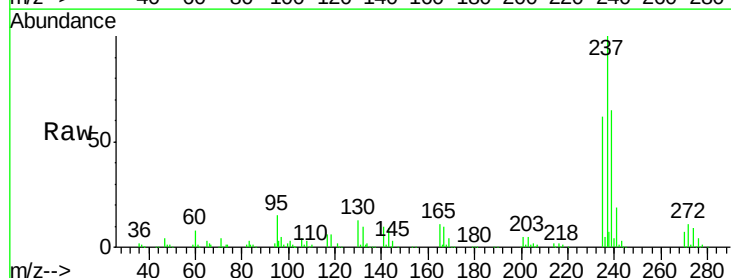
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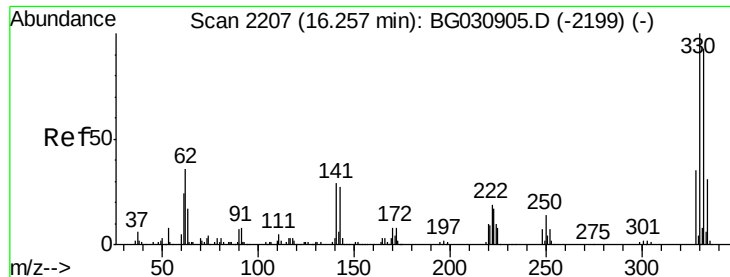
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#40
 Hexachlorocyclopentadiene
 Concen: 61.012 ng
 RT: 12.92 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	127955		
235	62.2	50.4	90.4	
272	11.2	0.0	31.8	





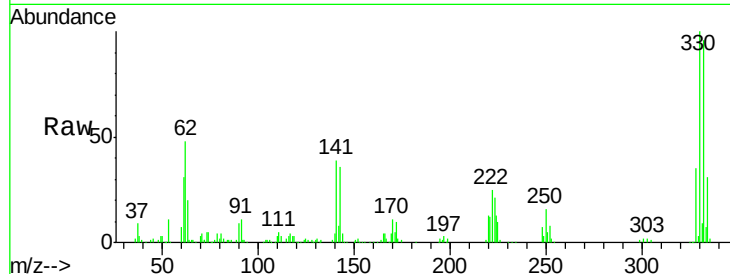
#41
 2,4,6-Tribromophenol
 Concen: 60.556 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

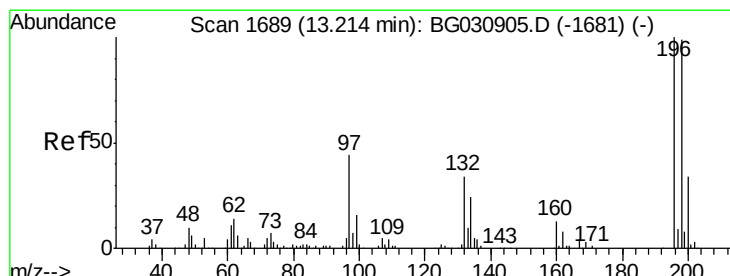
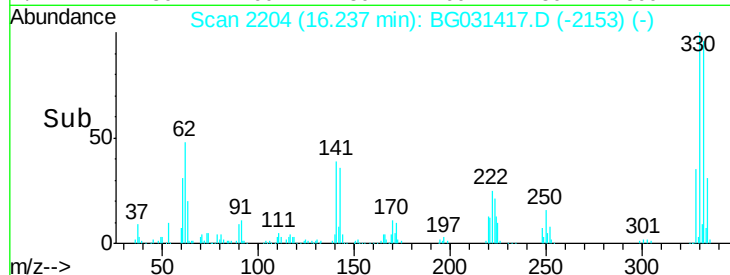
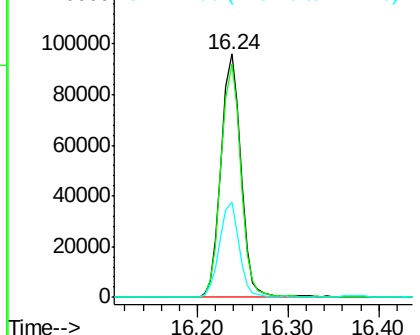
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146990		
332	94.8	77.0	115.6	
141	38.4	25.2	37.8#	

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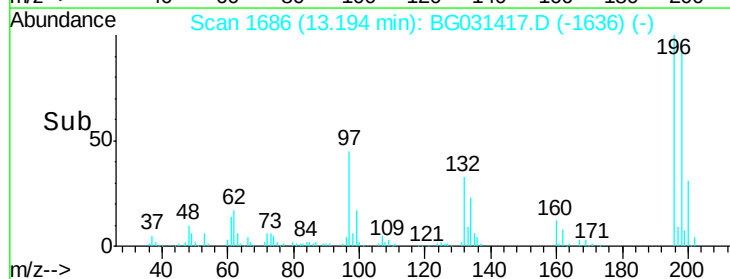
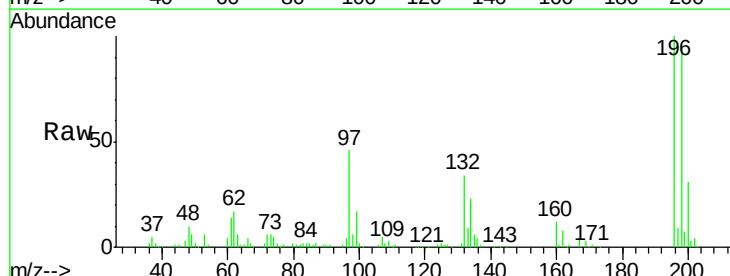
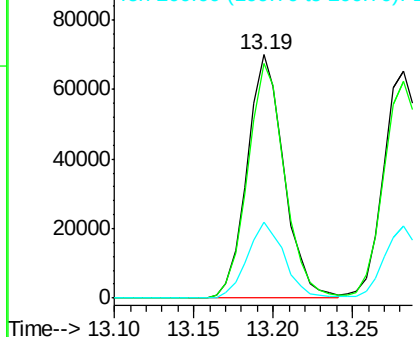
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

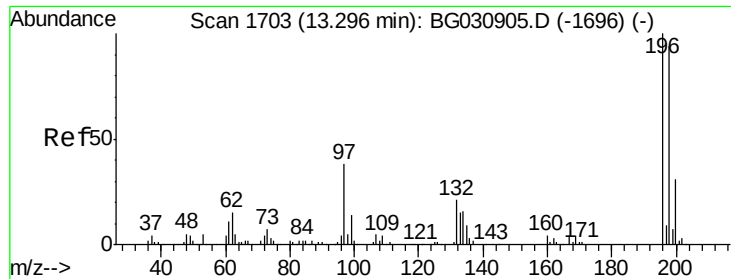


#42
 2,4,6-Trichlorophenol
 Concen: 33.209 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113062		
198	96.3	78.2	117.2	
200	31.1	24.6	36.8	

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





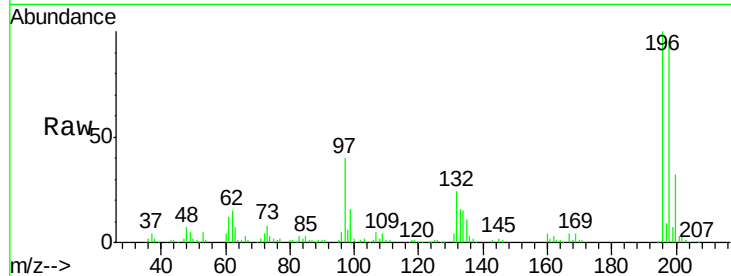
#43
 2,4,5-Trichlorophenol
 Concen: 33.687 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125484		
198	95.1	76.2	114.4	
97	40.4	38.7	58.1	
132	23.6	20.2	30.2	

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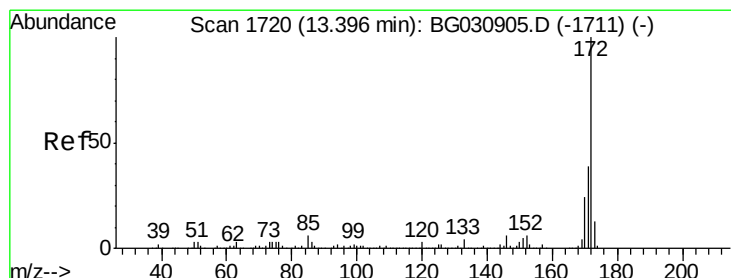
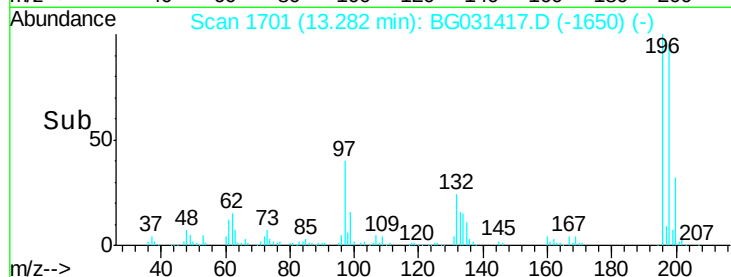
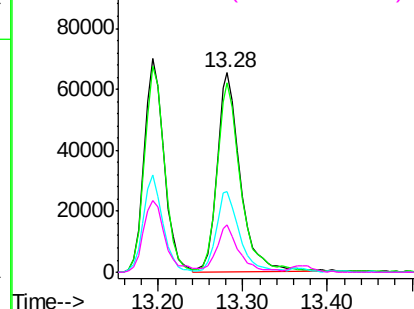
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

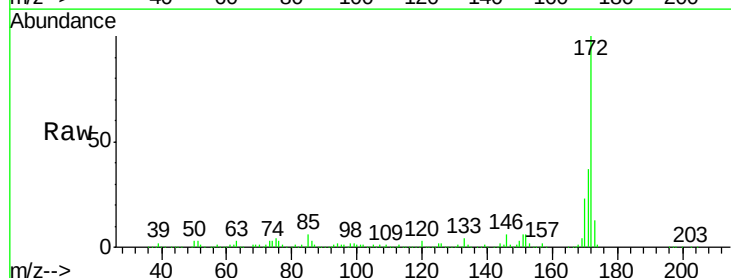
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.290 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	713127		
171	37.5	30.0	45.0	
170	23.5	19.5	29.3	

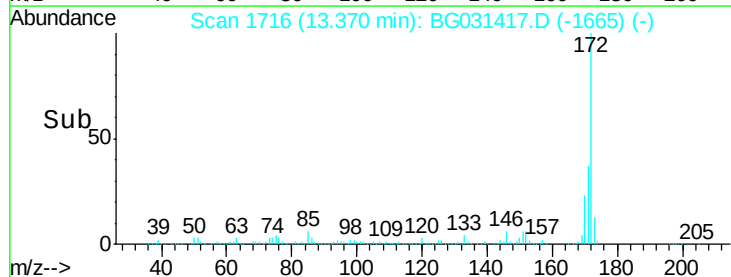
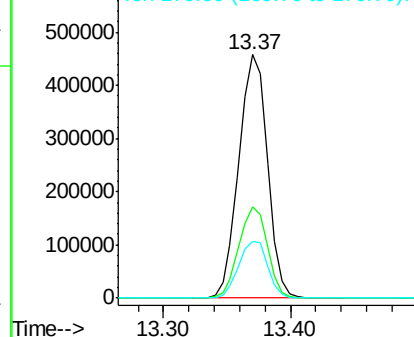


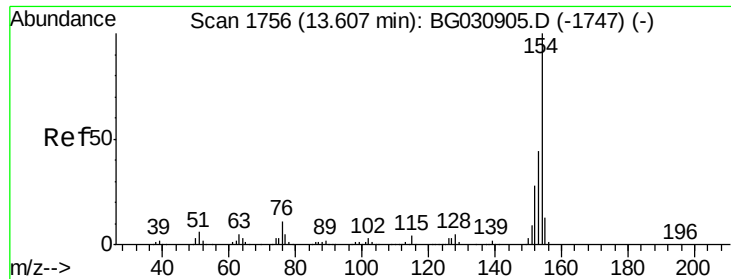
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





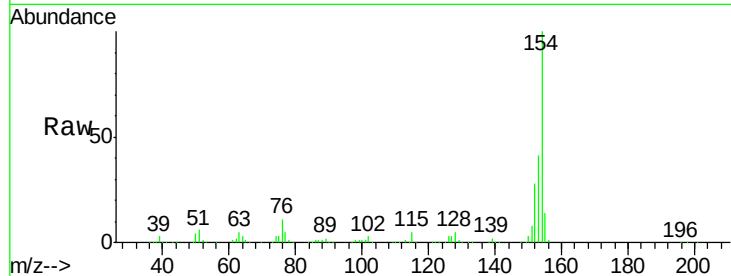
#45
1,1'-Biphenyl
Concen: 27.917 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

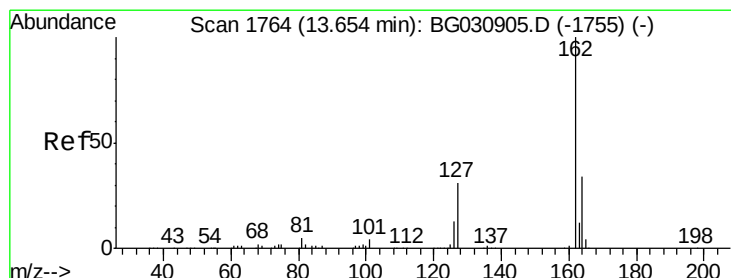
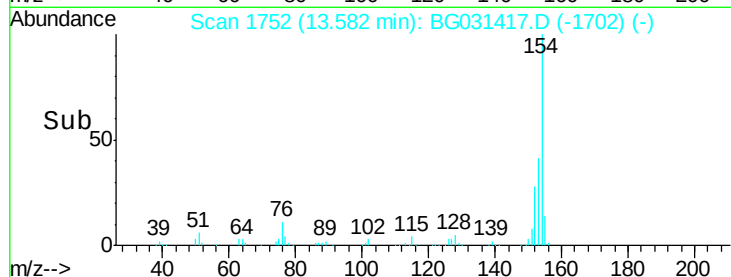
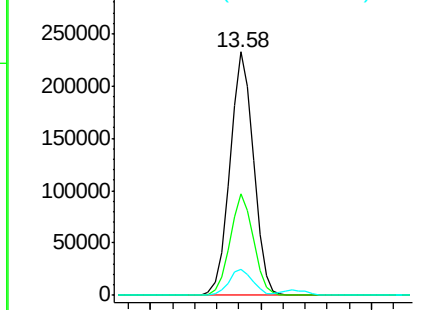
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	19.8	59.8	
76	10.9	0.0	31.9	

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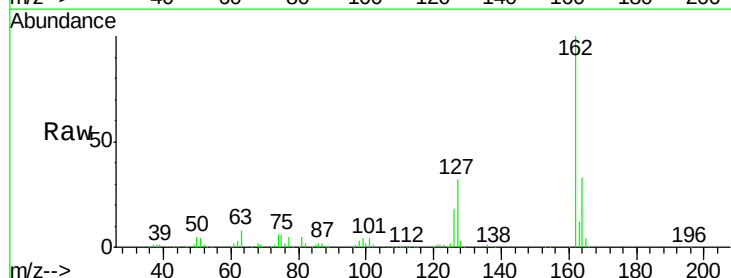


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

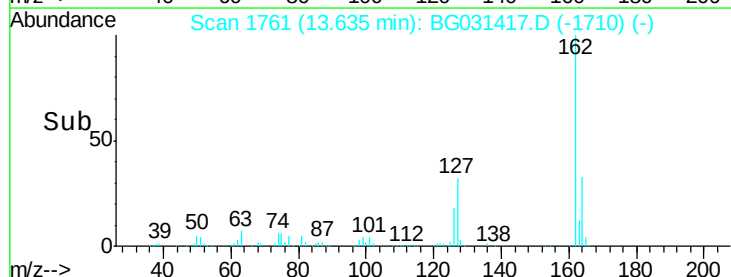
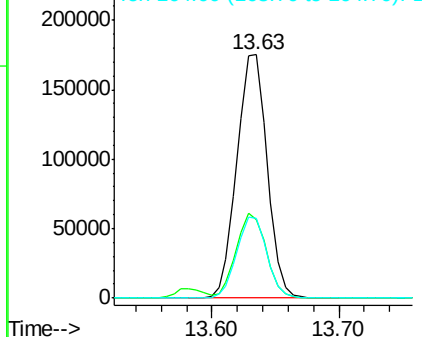


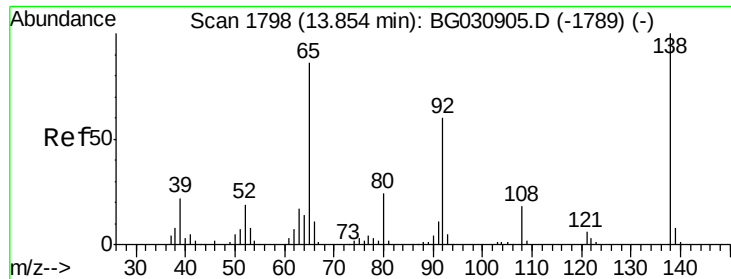
#46
2-Chloronaphthalene
Concen: 32.309 ng
RT: 13.63 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	32.0	30.7	46.1	
164	32.6	26.0	39.0	



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





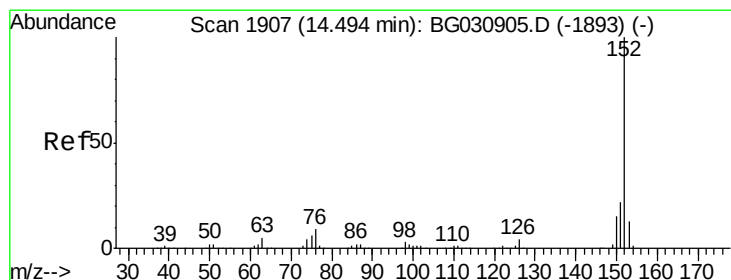
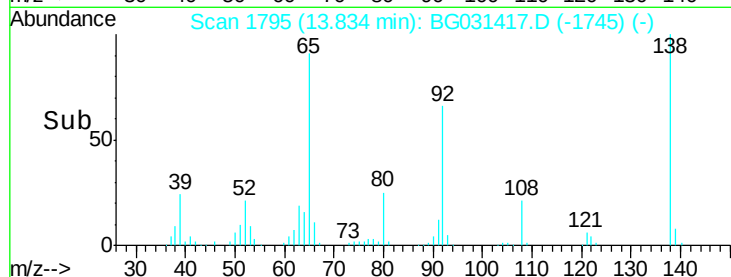
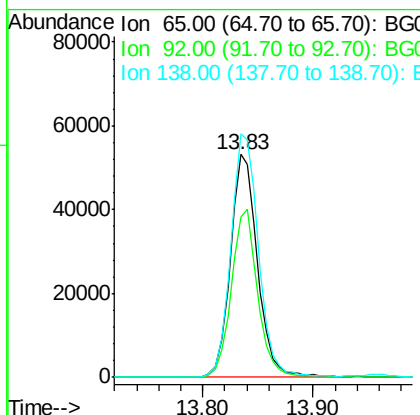
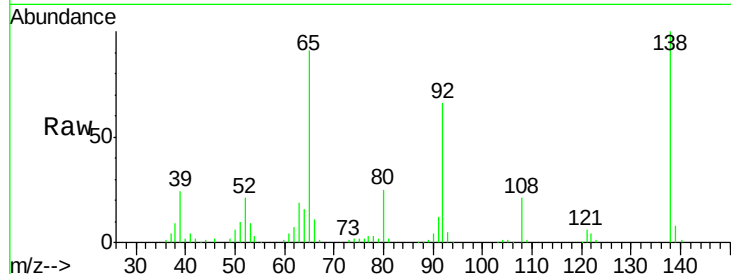
#47
2-Nitroaniline
Concen: 34.321 ng
RT: 13.83 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	54.6	82.0
138	109.3	72.9	109.3

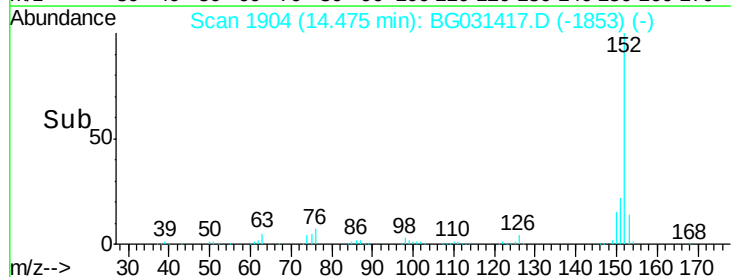
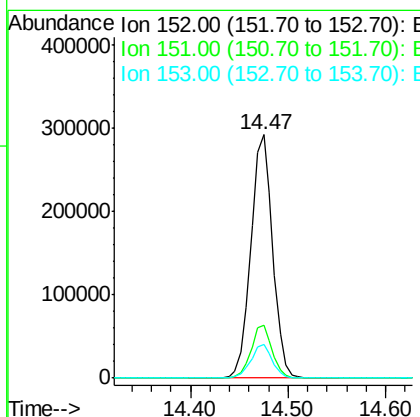
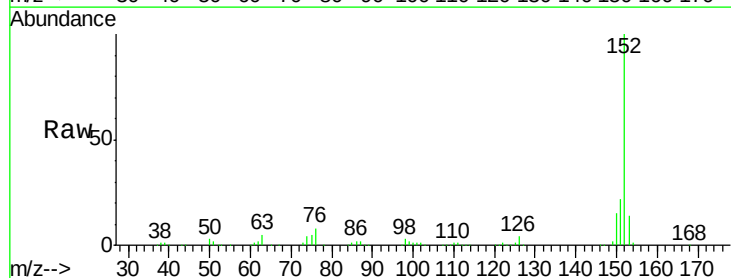
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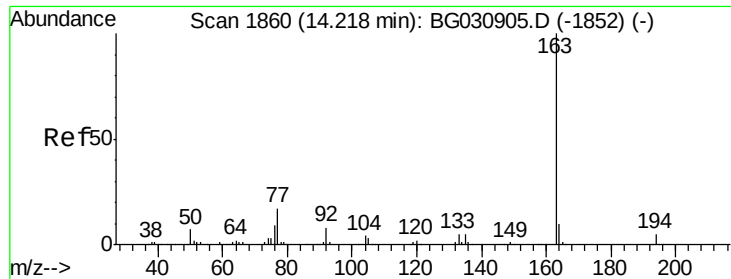
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#48
Acenaphthylene
Concen: 31.200 ng
RT: 14.47 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	13.7	10.2	15.4





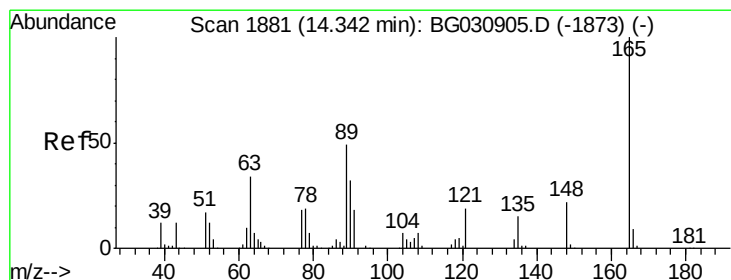
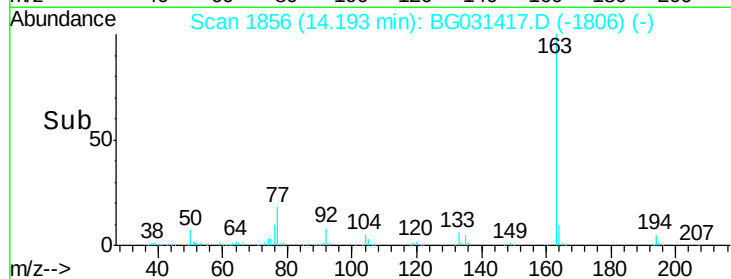
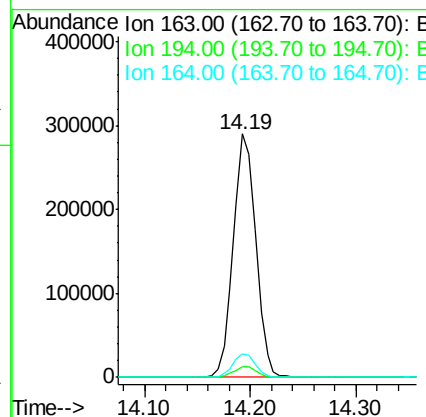
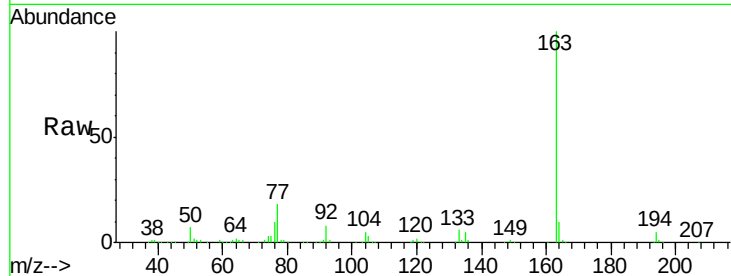
#49
Dimethylphthalate
Concen: 32.801 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.5	3.4	5.2
164	9.8	8.2	12.4

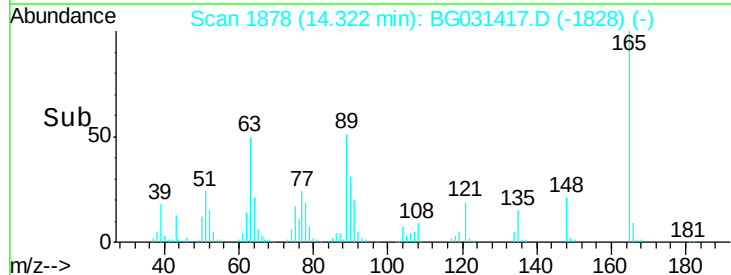
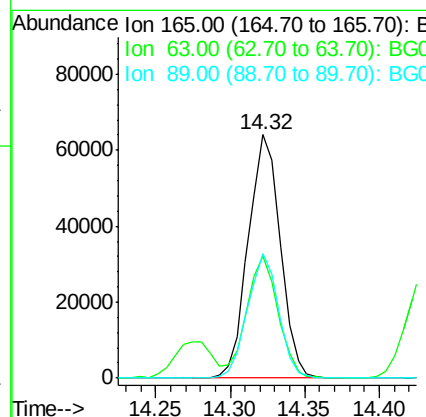
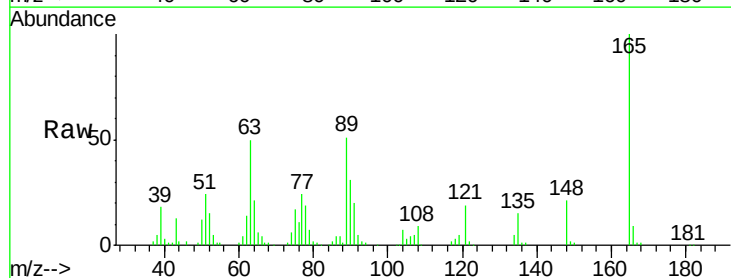
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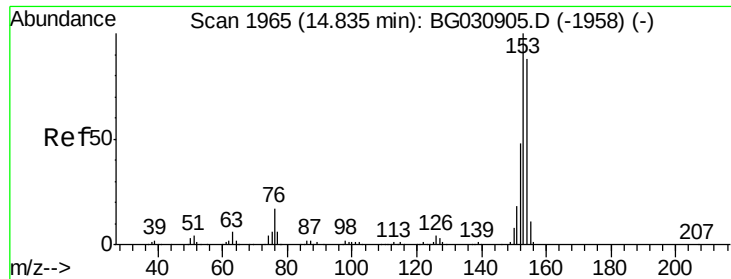
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#50
2,6-Dinitrotoluene
Concen: 35.509 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.3	52.7	79.1#
89	51.3	49.2	73.8





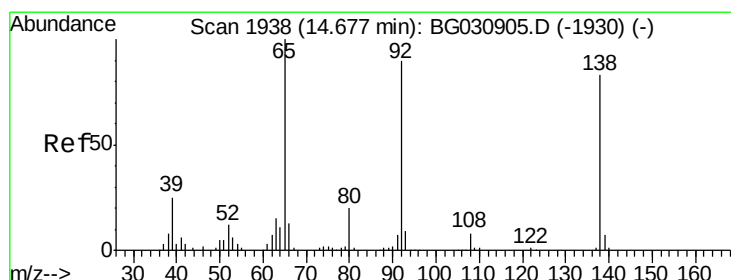
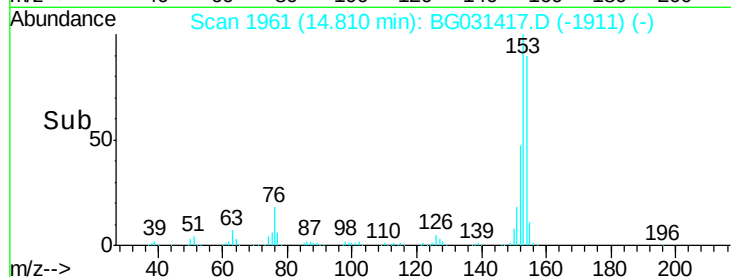
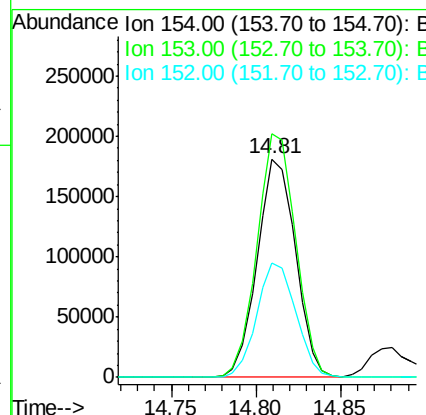
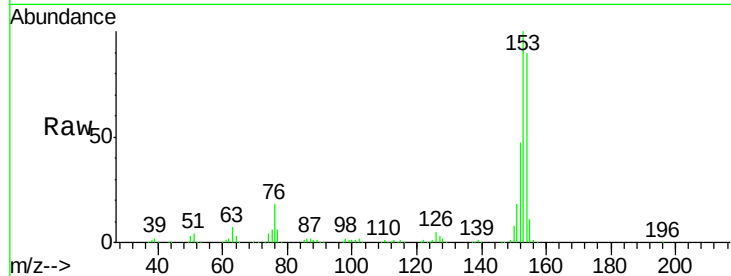
#51
Acenaphthene
Concen: 31.097 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	285370		
153	111.5	90.4	135.6	
152	52.5	41.6	62.4	

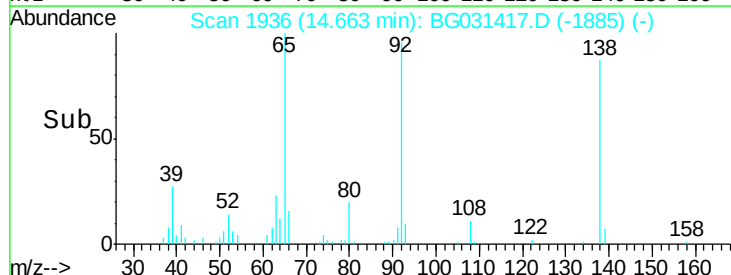
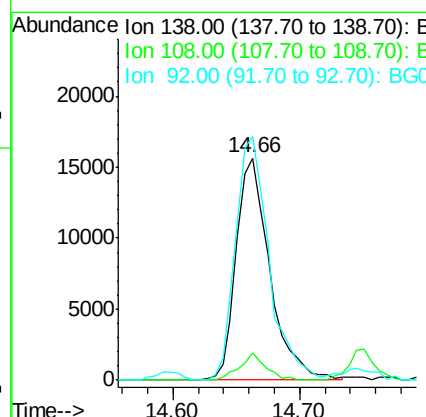
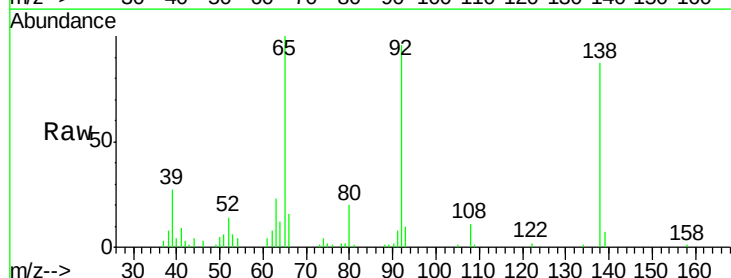
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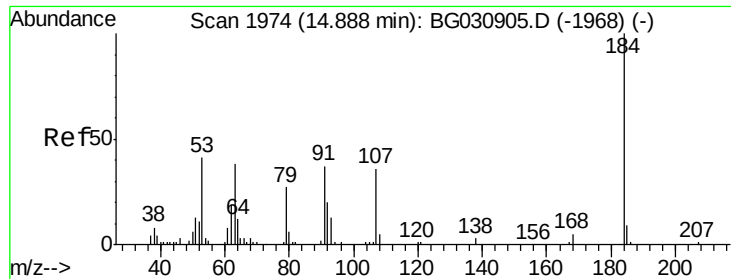
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#52
3-Nitroaniline
Concen: 10.117 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

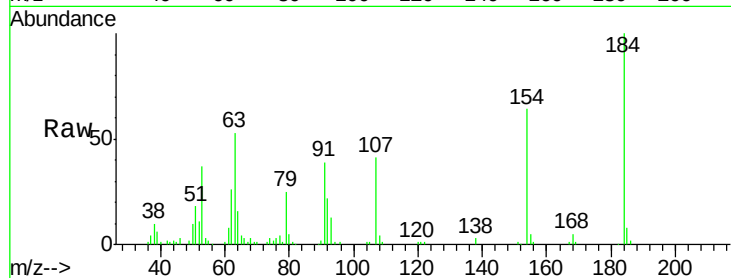
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	28726		
108	12.3	17.5	26.3#	
92	109.6	105.8	158.8	





#53
2,4-Dinitrophenol
Concen: 57.561 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

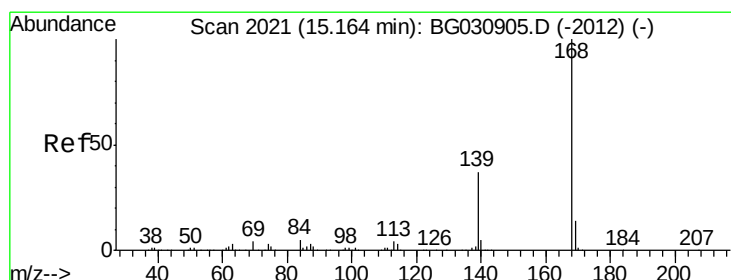
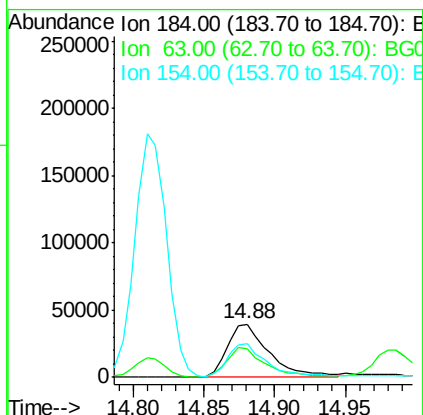
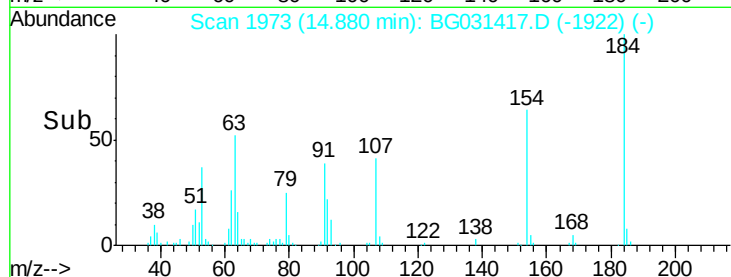
Instrument :
BNA_G
ClientSampleId :
PB104800BSD



Tgt Ion:184 Resp: 82070
Ion Ratio Lower Upper
184 100
63 52.6 59.8 89.8#
154 63.6 101.8 152.8#

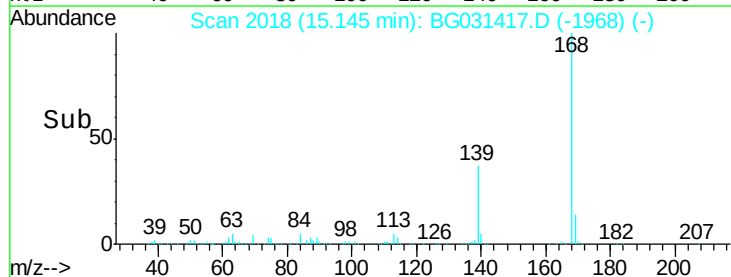
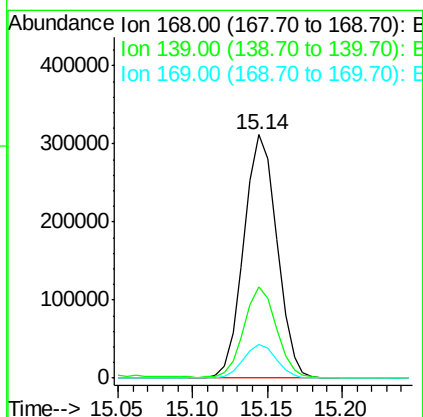
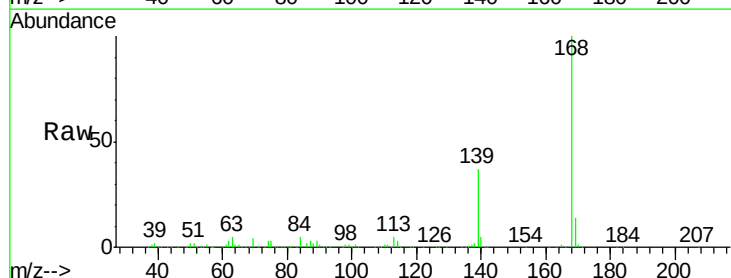
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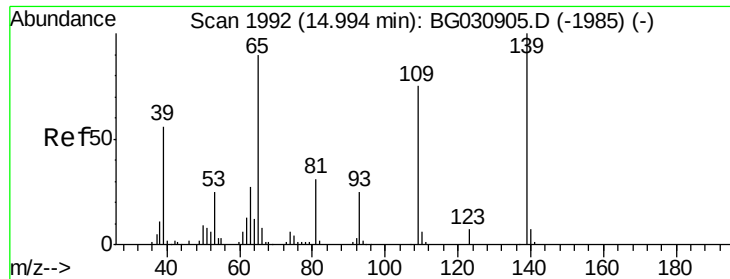
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#54
Dibenzofuran
Concen: 32.804 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion:168 Resp: 479482
Ion Ratio Lower Upper
168 100
139 37.3 28.6 43.0
169 14.0 11.2 16.8





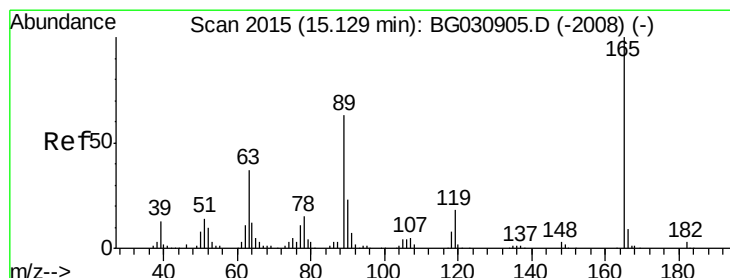
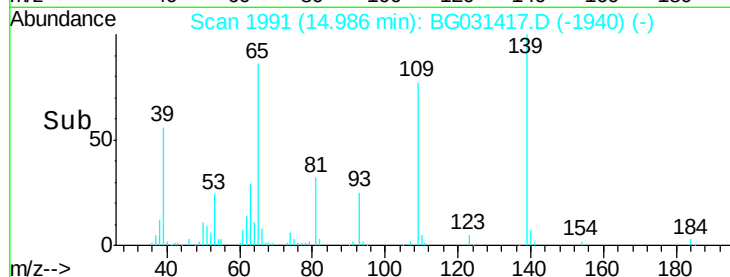
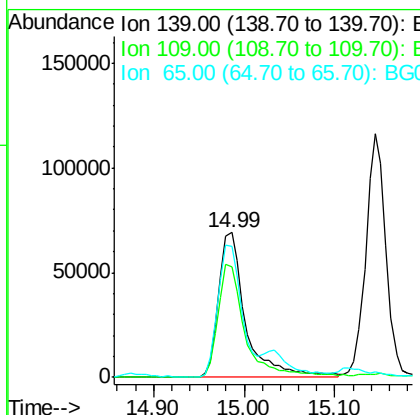
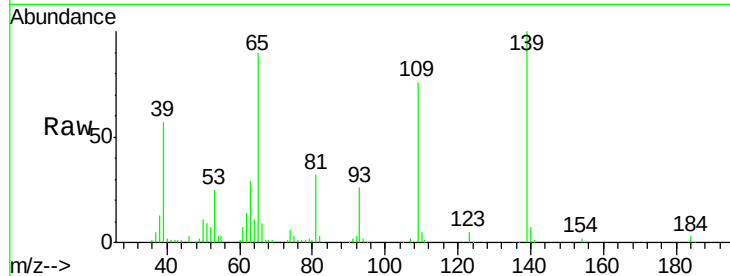
#55
4-Nitrophenol
Concen: 71.202 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	144016		
109	76.2	62.2	102.2	
65	90.2	97.2	137.2#	

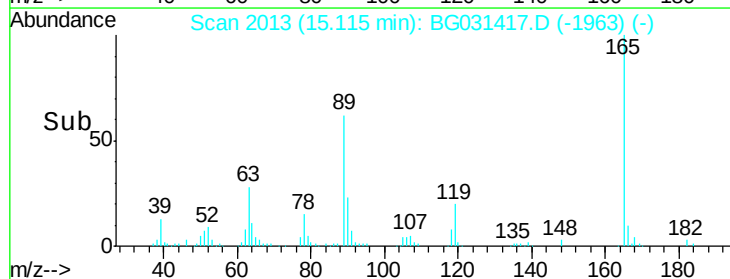
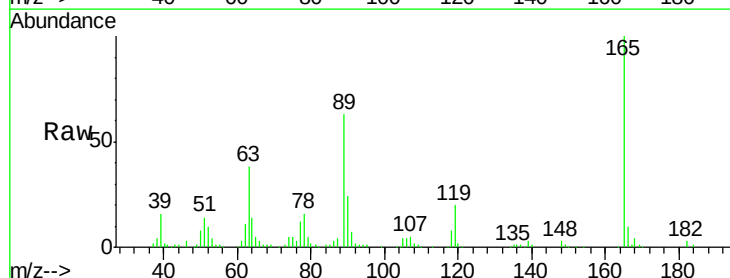
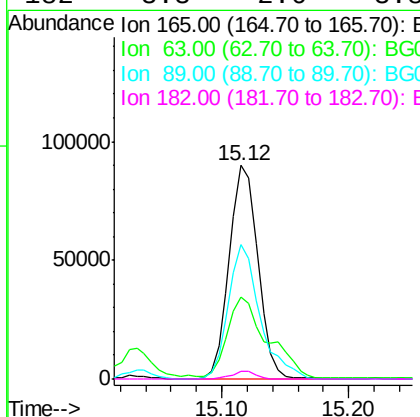
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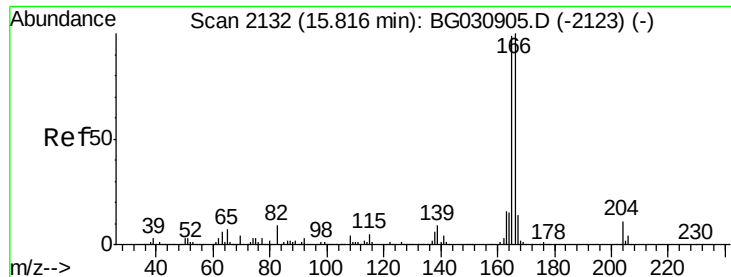
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#56
2,4-Dinitrotoluene
Concen: 36.397 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140706		
63	38.3	42.0	63.0#	
89	62.9	66.9	100.3#	
182	3.3	2.6	3.8	





#57

Fluorene

Concen: 32.975 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

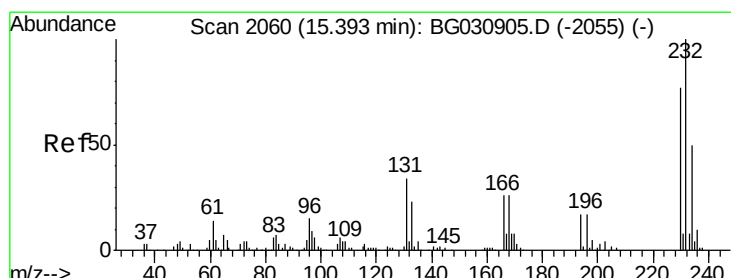
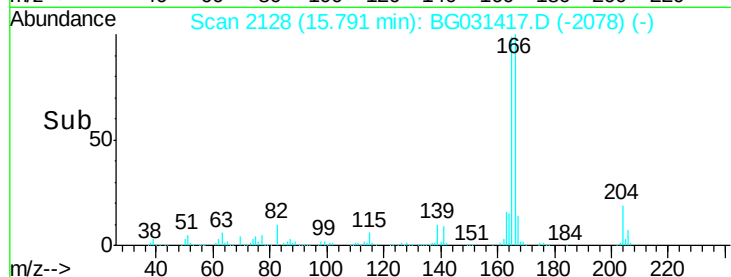
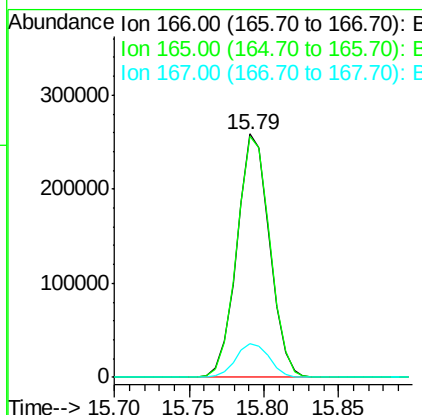
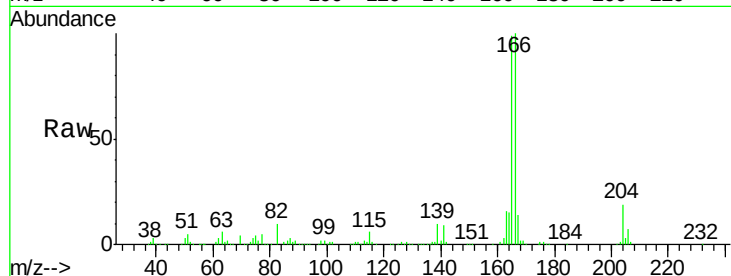
ClientSampleId :

PB104800BSD

Tgt Ion:	166	Resp:	391309
Ion Ratio	Lower	Upper	
166	100		
165	99.2	80.6	121.0
167	13.9	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.218 ng

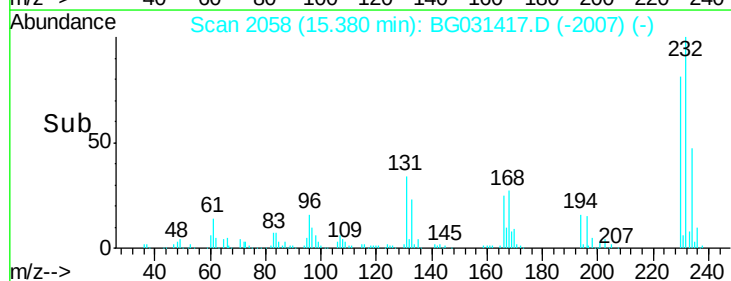
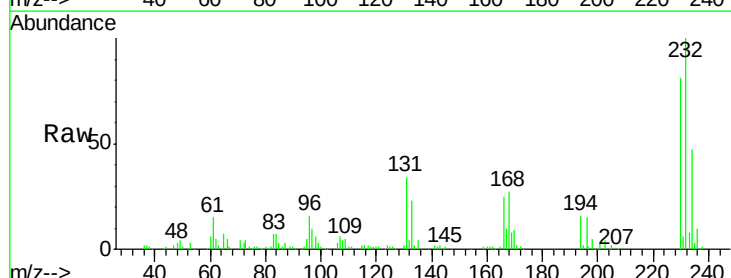
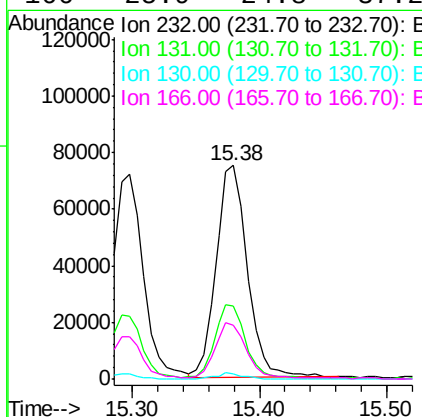
RT: 15.38 min Scan# 2058

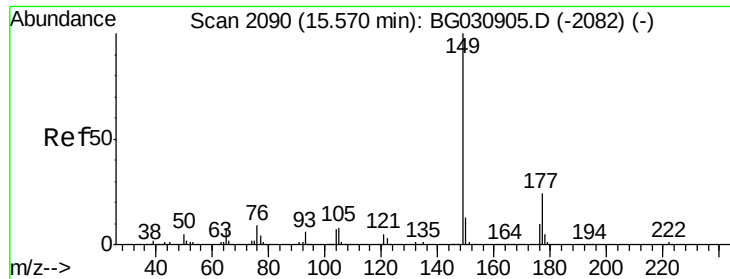
Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	232	Resp:	128580
Ion Ratio	Lower	Upper	
232	100		
131	35.4	33.5	50.3
130	2.3	2.2	3.2
166	25.9	24.8	37.2





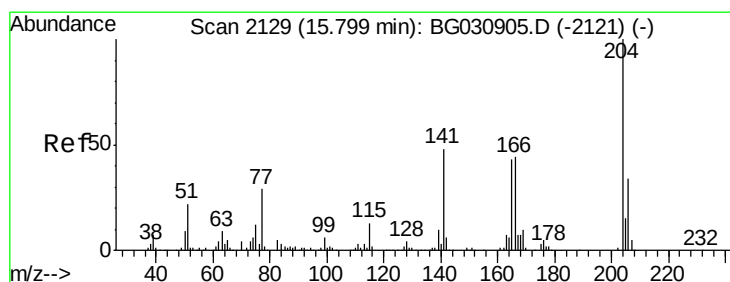
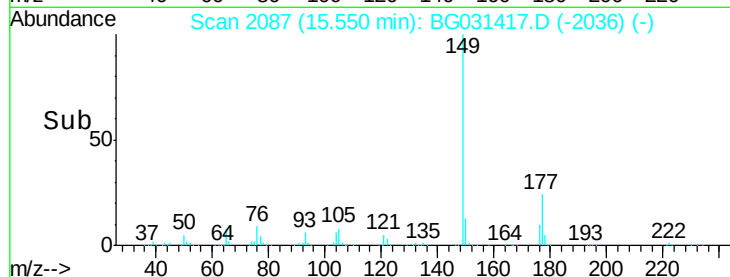
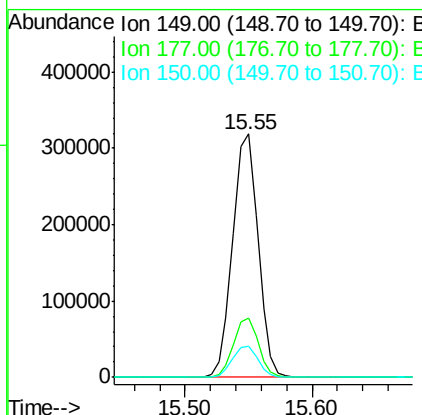
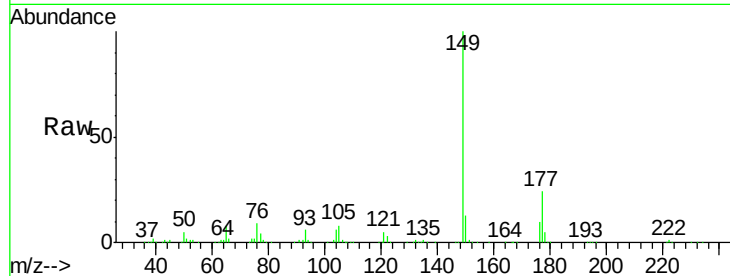
#59
Diethylphthalate
Concen: 33.428 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	440537		
177	24.5	18.5	27.7	
150	12.6	10.2	15.2	

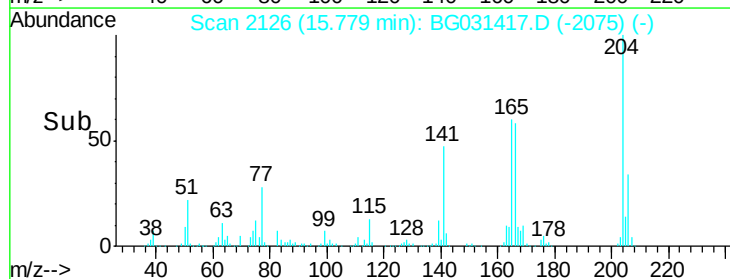
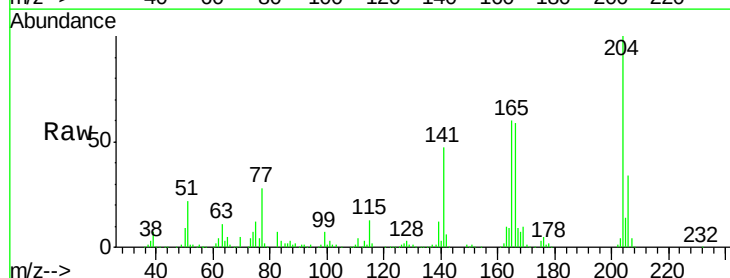
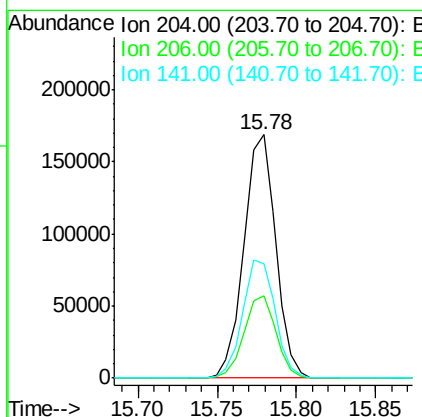
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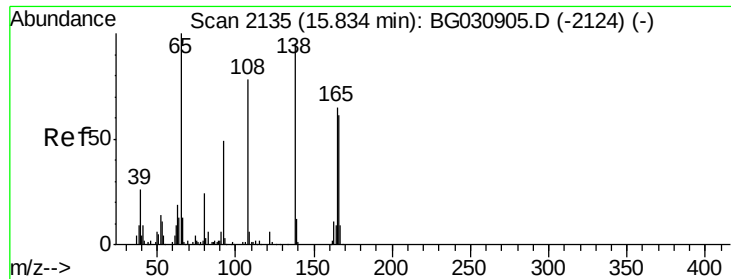
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#60
4-Chlorophenyl-phenylether
Concen: 32.876 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	235616		
206	34.0	26.2	39.2	
141	46.9	45.8	68.6	





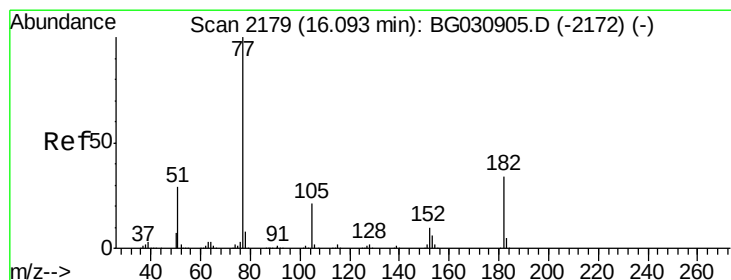
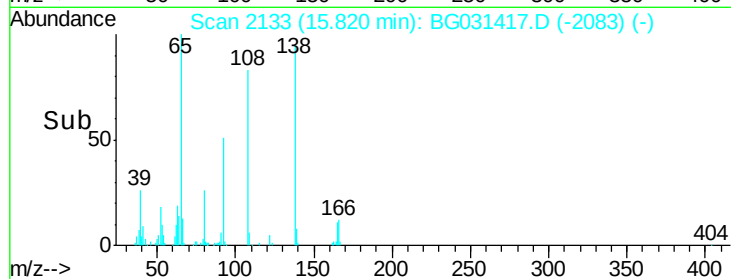
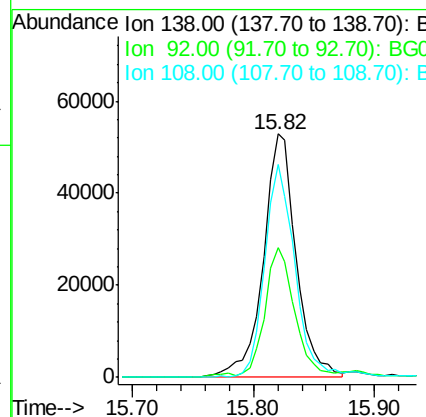
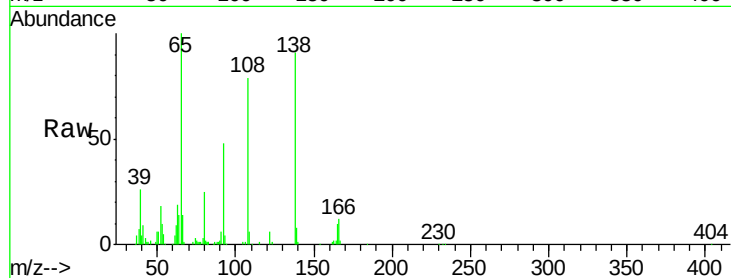
#61
4-Nitroaniline
Concen: 33.020 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	40.1	80.1
108	87.2	65.4	105.4

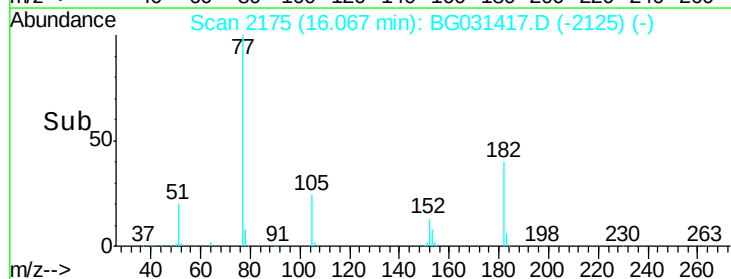
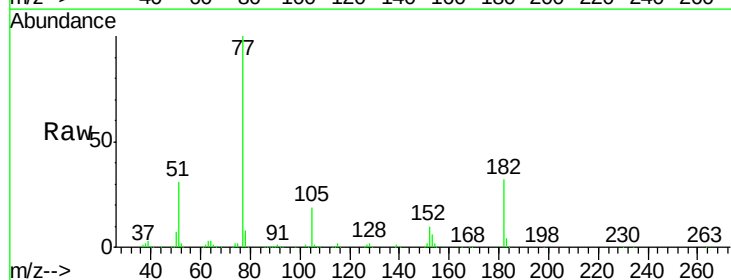
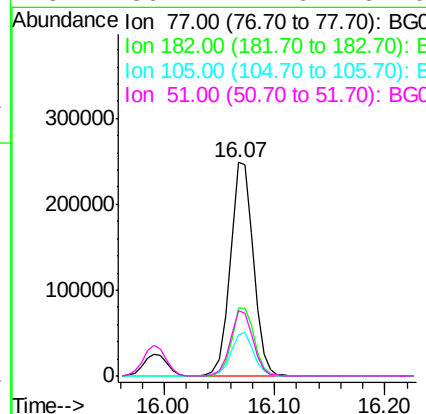
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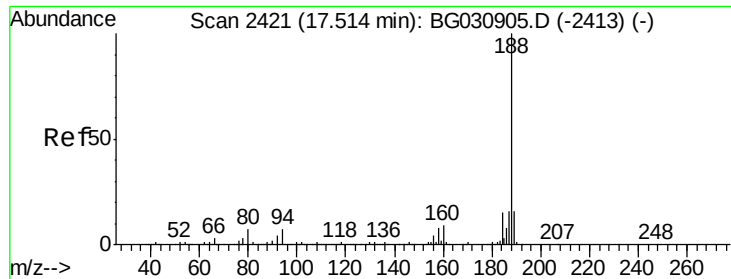
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#62
Azobenzene
Concen: 36.192 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.7	7.4	47.4
105	19.3	0.3	40.3
51	30.7	11.6	51.6





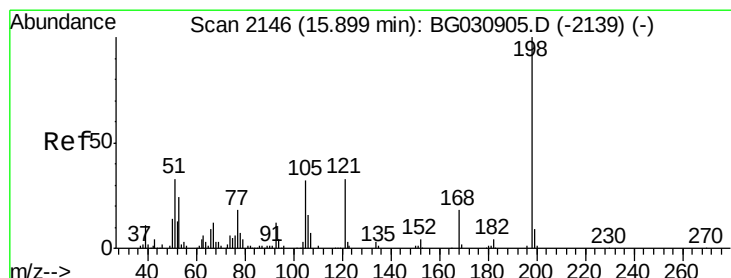
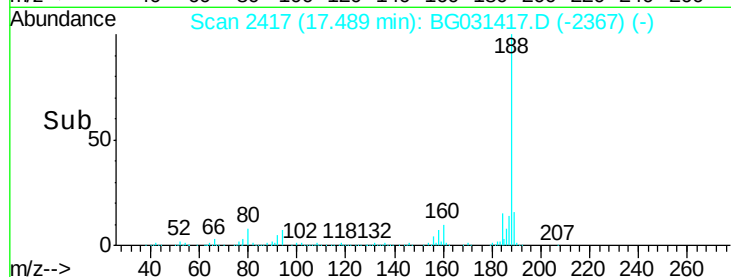
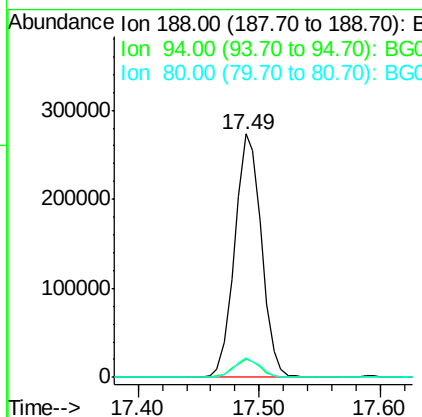
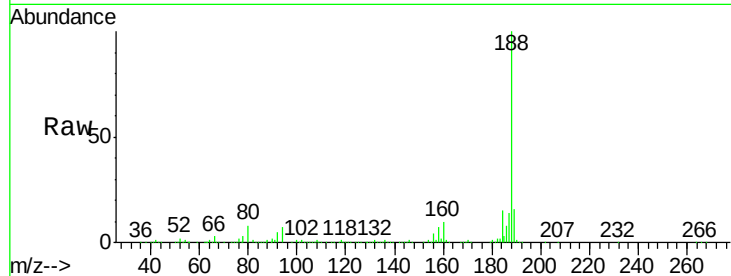
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.4	6.9	10.3
80	8.0	7.7	11.5

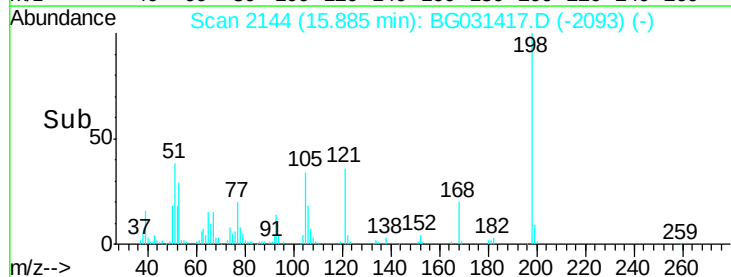
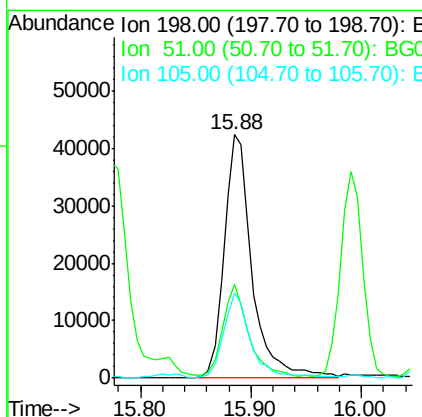
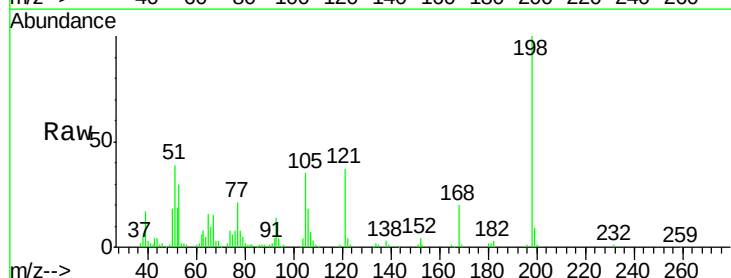
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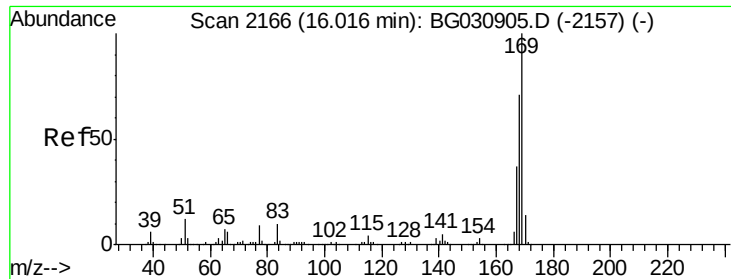
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.669 ng
RT: 15.88 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.6	30.6	70.6
105	34.8	23.8	63.8





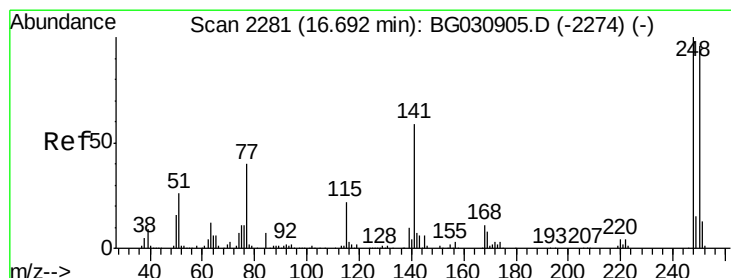
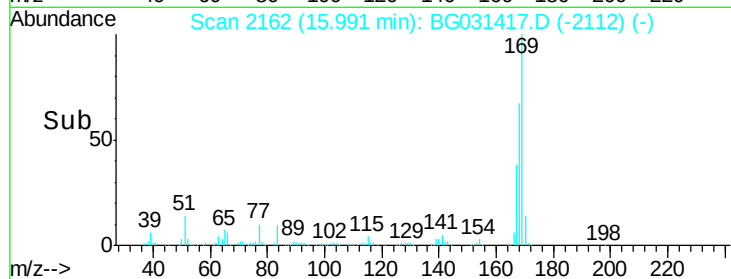
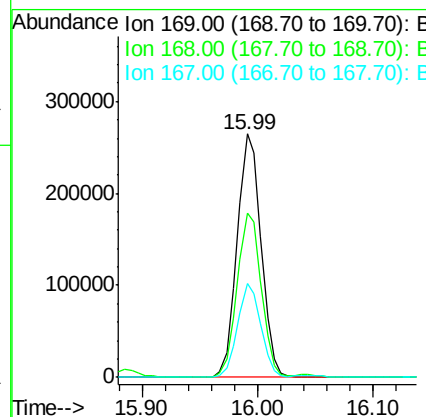
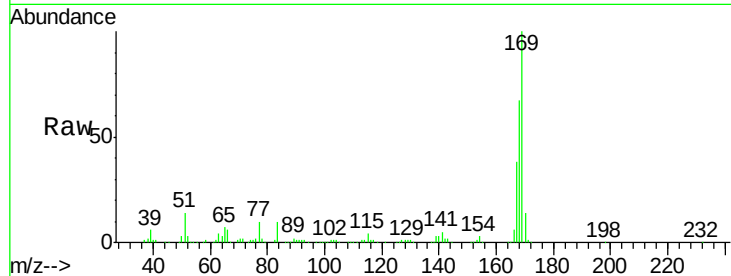
#65
 n-Nitrosodiphenylamine
 Concen: 29.789 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	380508		
168	67.5	55.7	83.5	
167	38.3	30.1	45.1	

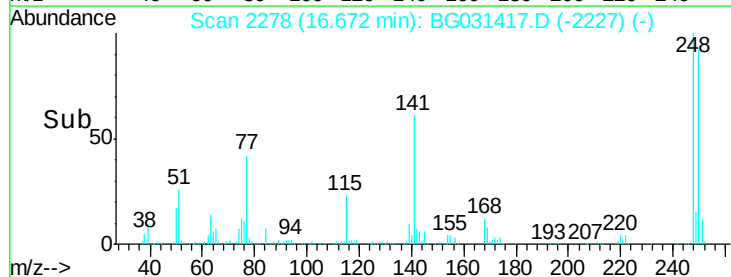
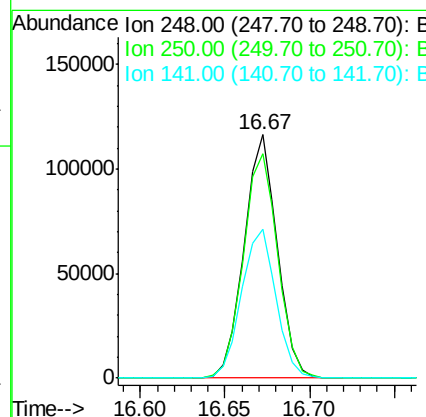
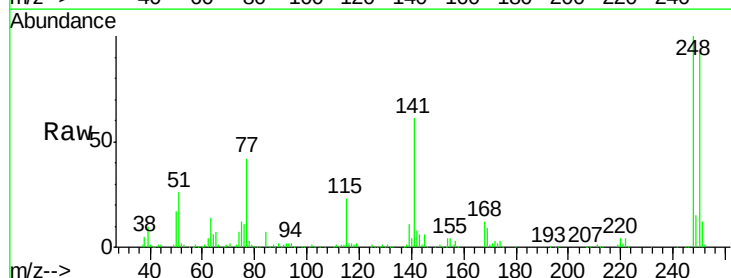
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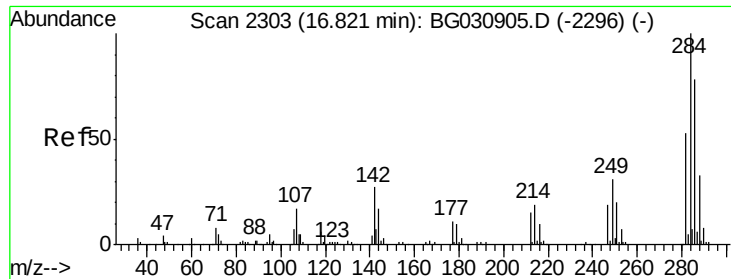
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#66
 4-Bromophenyl-phenylether
 Concen: 29.756 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	158861		
250	92.4	77.1	115.7	
141	60.9	50.8	76.2	





#67

Hexachlorobenzene

Concen: 28.056 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

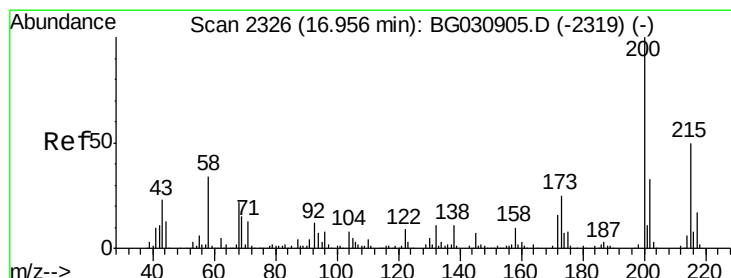
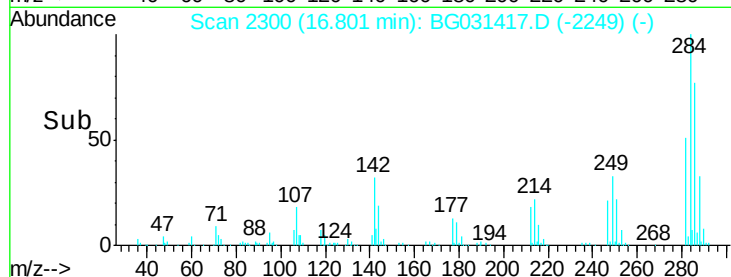
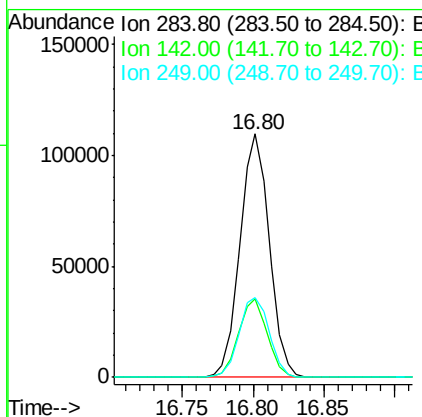
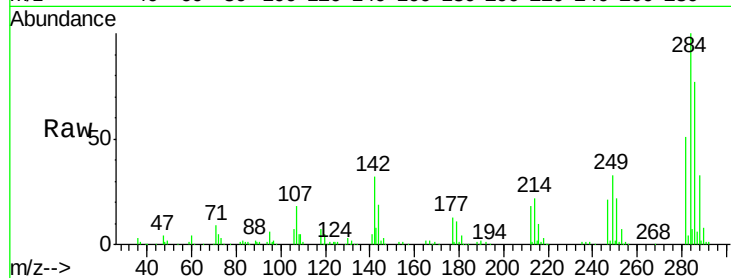
ClientSampleId :

PB104800BSD

Tgt Ion:	284	Resp:	159158
Ion Ratio		Lower	Upper
284	100		
142	32.4	26.8	40.2
249	32.6	26.3	39.5

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#68

Atrazine

Concen: 31.926 ng

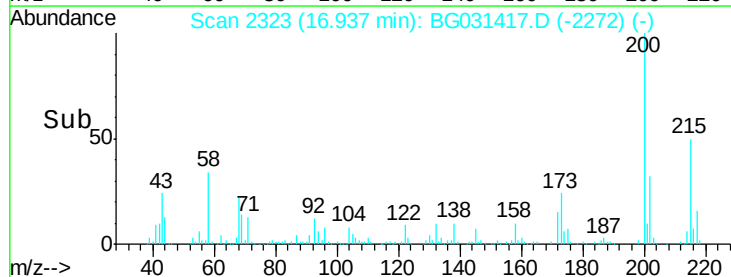
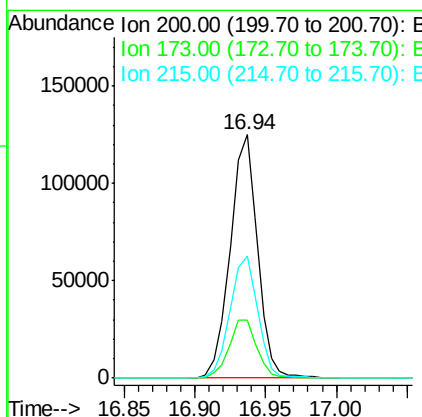
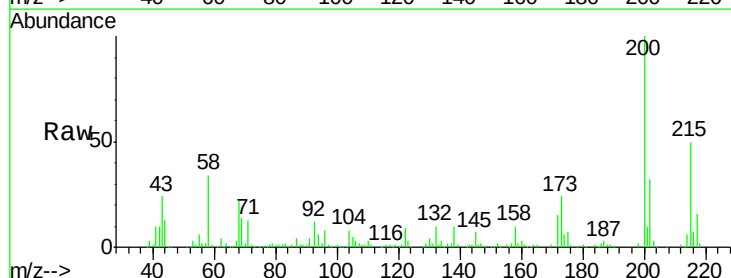
RT: 16.94 min Scan# 2323

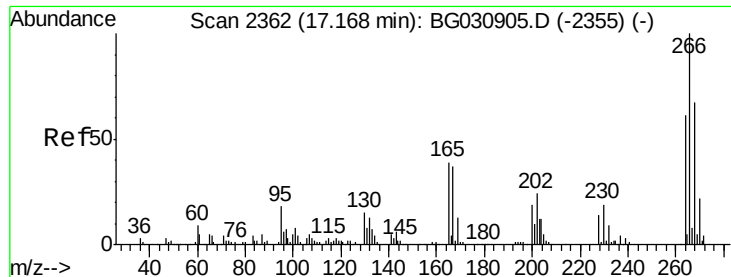
Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	200	Resp:	168258
Ion Ratio		Lower	Upper
200	100		
173	23.8	5.2	45.2
215	50.1	30.4	70.4





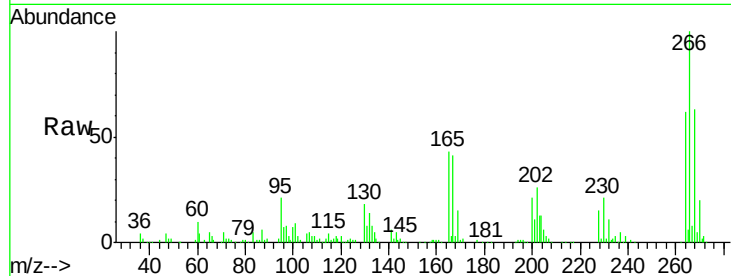
#69
 Pentachlorophenol
 Concen: 46.279 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

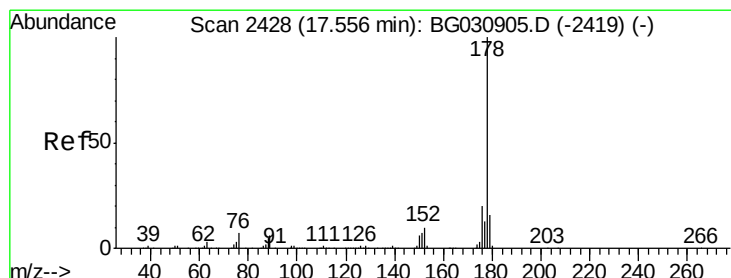
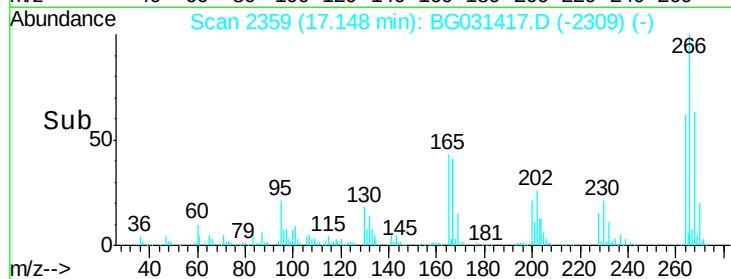
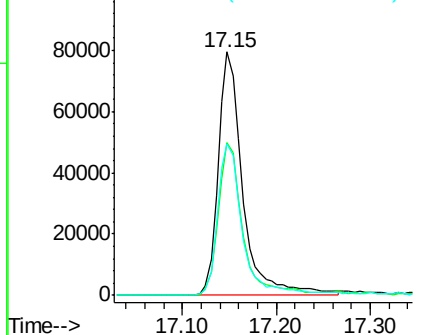
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	62.2	49.6	74.4

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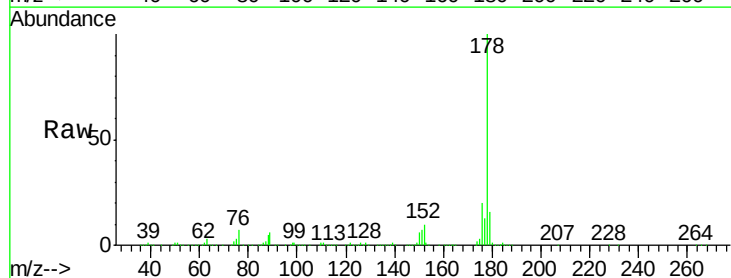


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

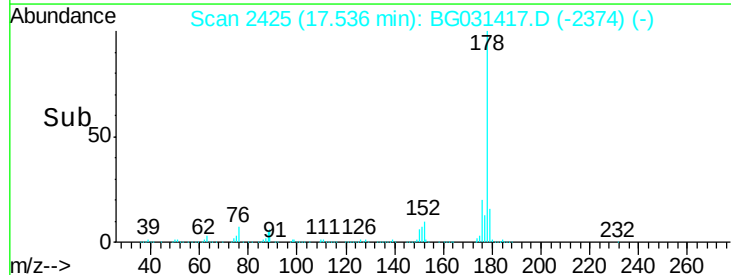
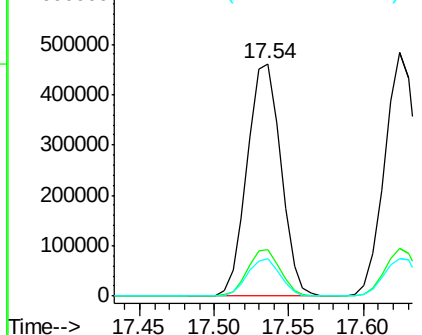


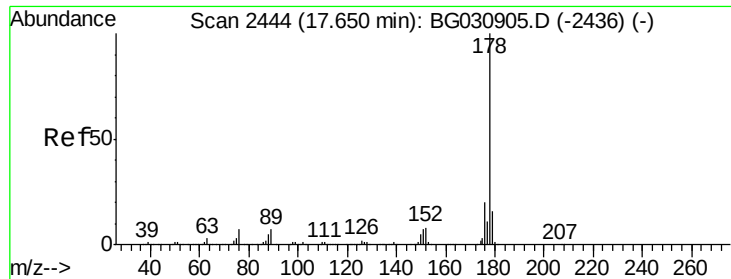
#70
 Phenanthrene
 Concen: 32.873 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.2	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





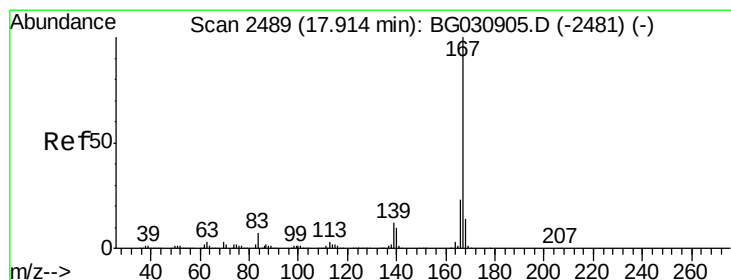
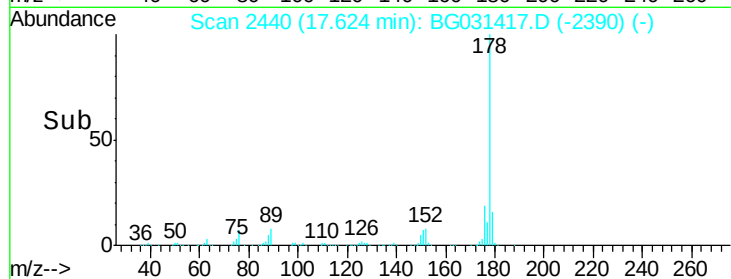
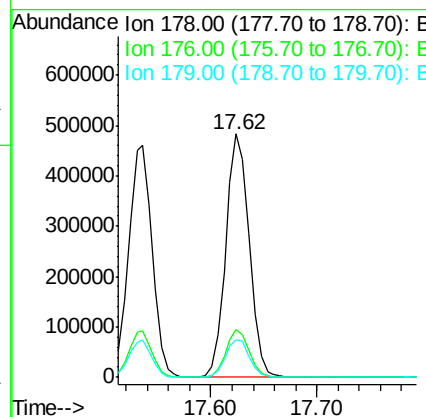
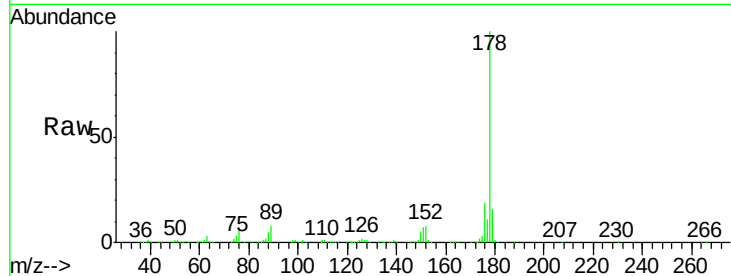
#71
 Anthracene
 Concen: 33.649 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.6	12.5	18.7

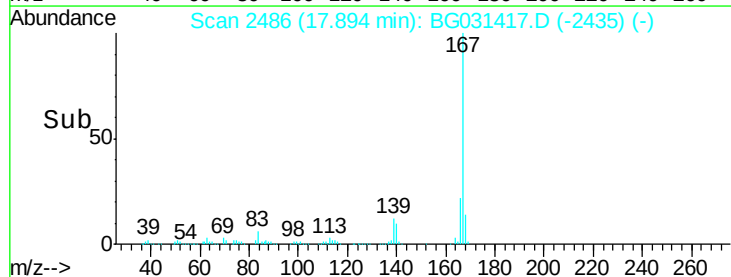
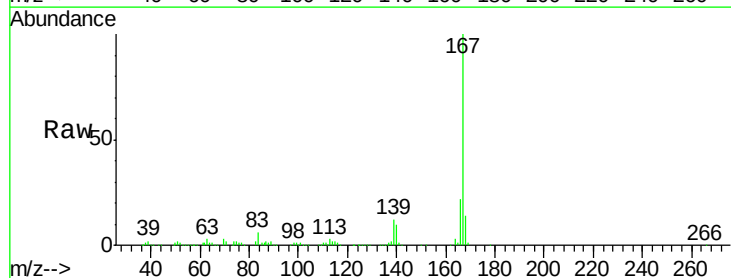
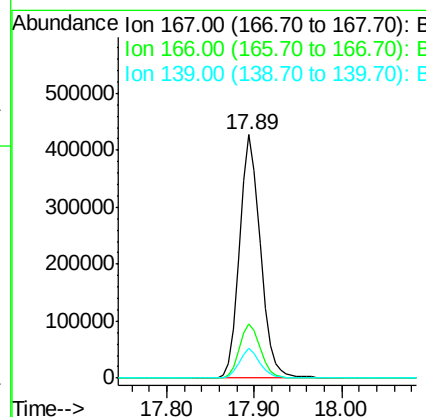
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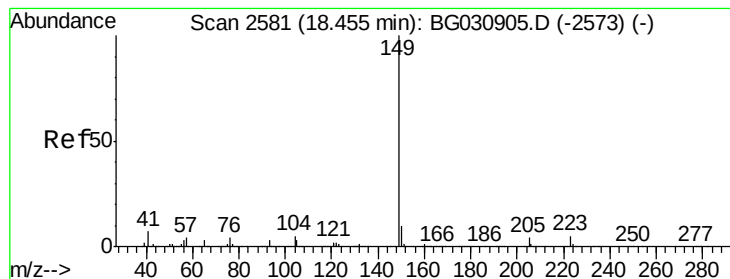
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#72
 Carbazole
 Concen: 33.409 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 32.186 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

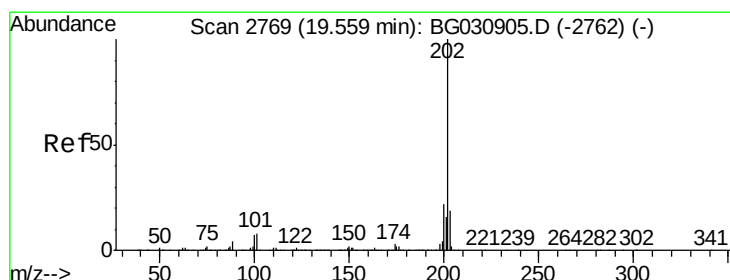
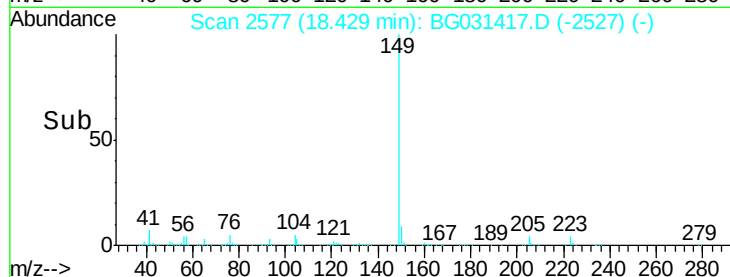
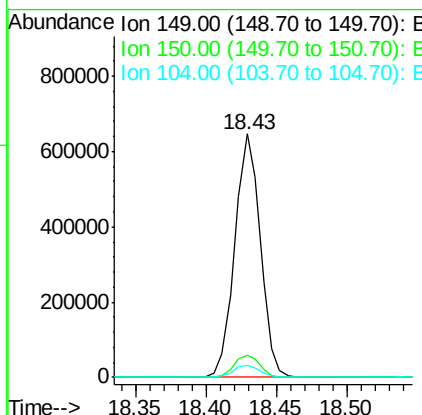
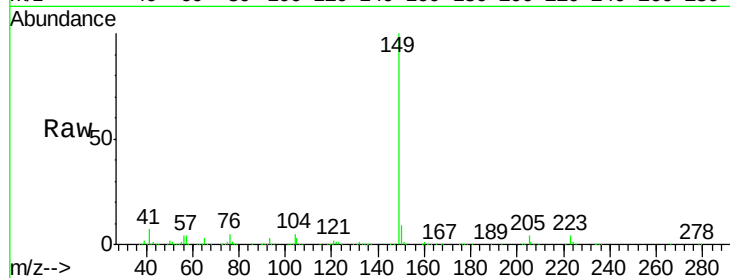
ClientSampleId :

PB104800BSD

Tgt Ion:	149	Resp:	814340
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.1	3.9	5.9

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#74

Fluoranthene

Concen: 34.569 ng

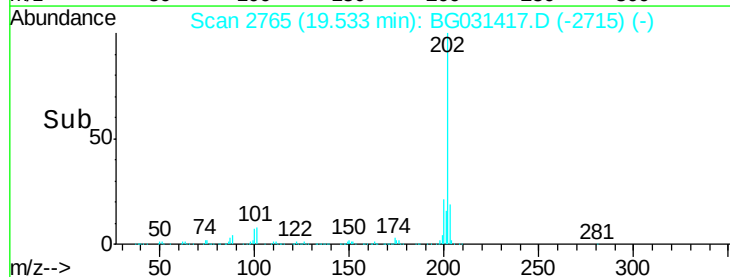
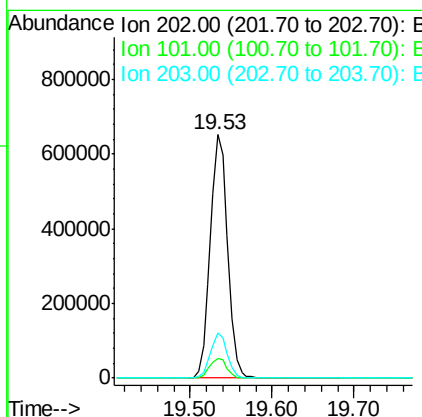
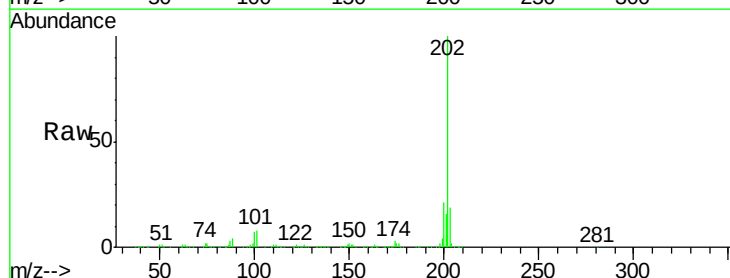
RT: 19.53 min Scan# 2765

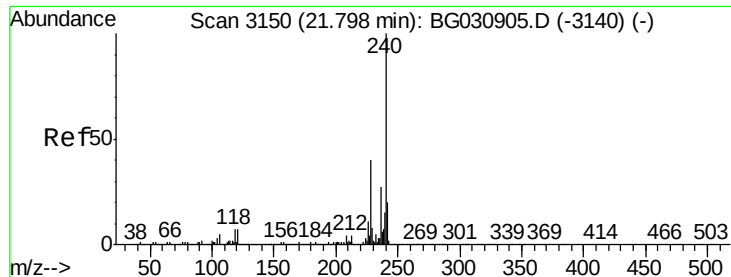
Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	202	Resp:	960630
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.9
203	18.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

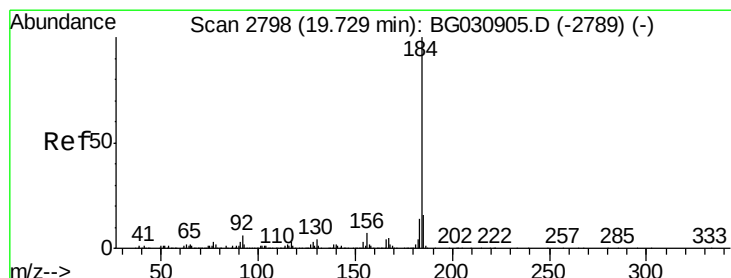
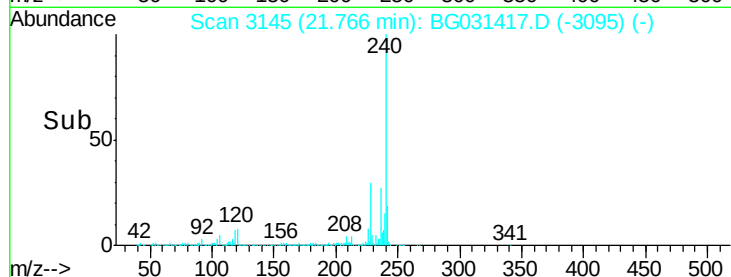
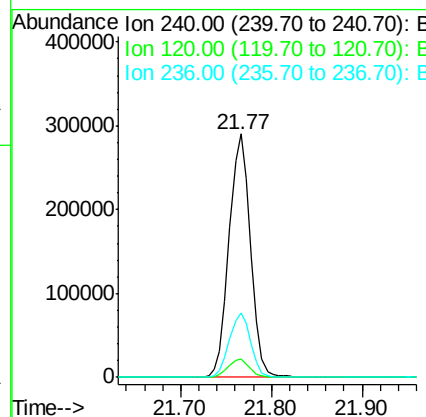
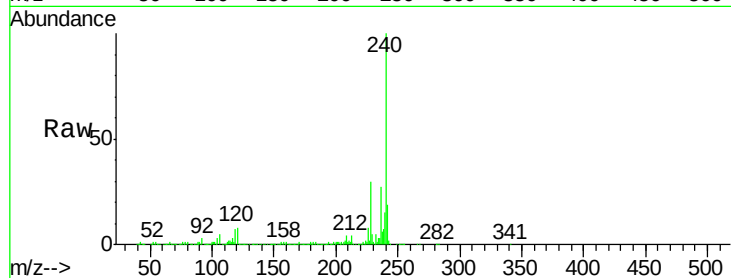
ClientSampleId :

PB104800BSD

Tgt Ion:	240	Resp:	476886
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.8	10.2
236	26.6	20.9	31.3

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#76

Benzidine

Concen: 13.285 ng

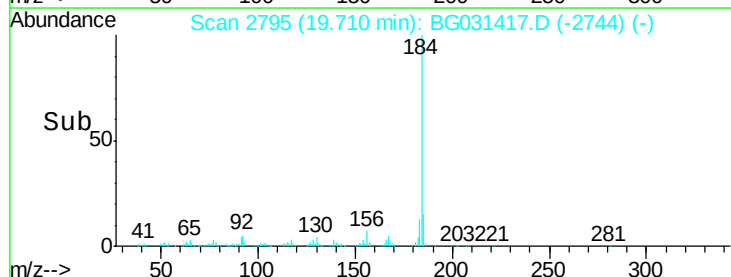
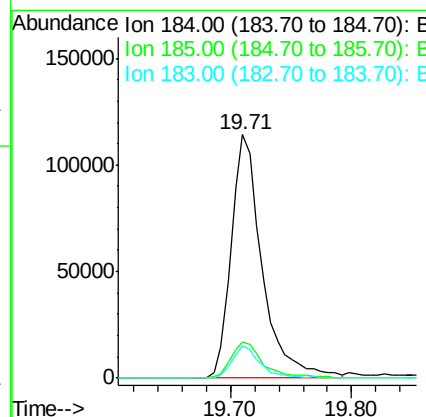
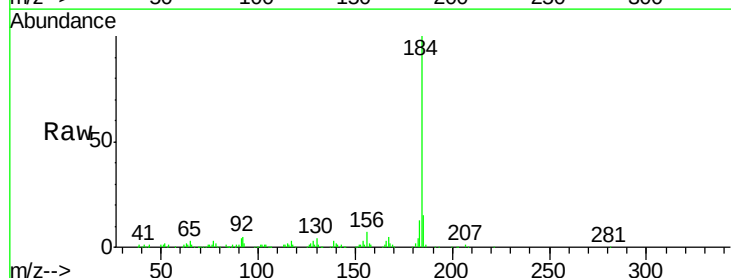
RT: 19.71 min Scan# 2795

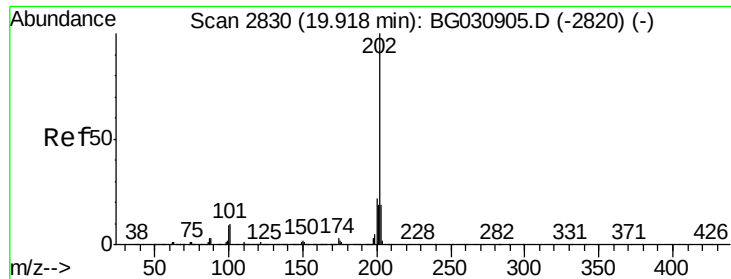
Delta R.T. 0.00 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	184	Resp:	203511
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.1	16.7
183	13.1	10.6	16.0





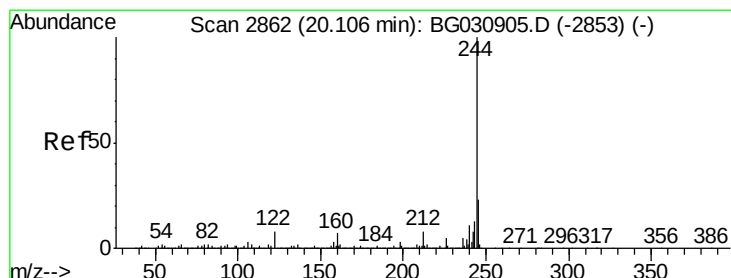
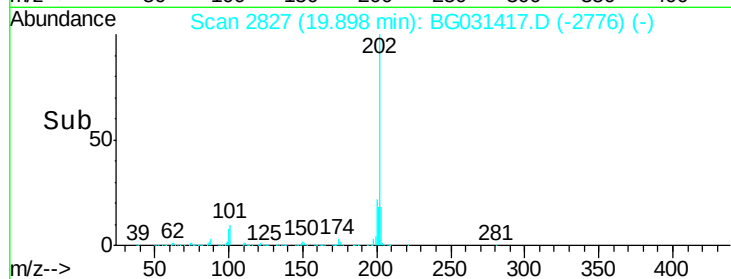
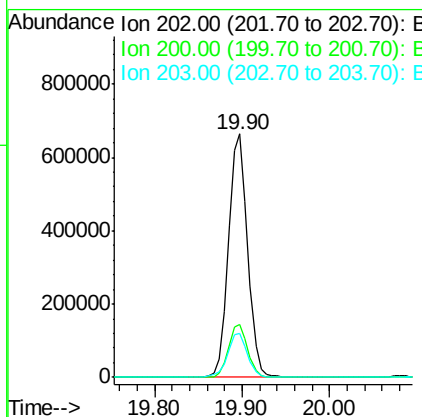
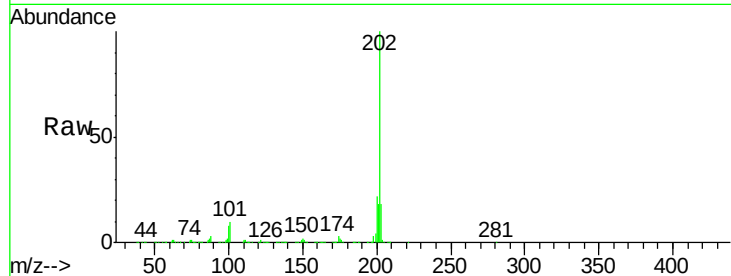
#77
 Pyrene
 Concen: 34.921 ng
 RT: 19.90 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	988199		
200	21.7	16.9	25.3	
203	18.1	13.9	20.9	

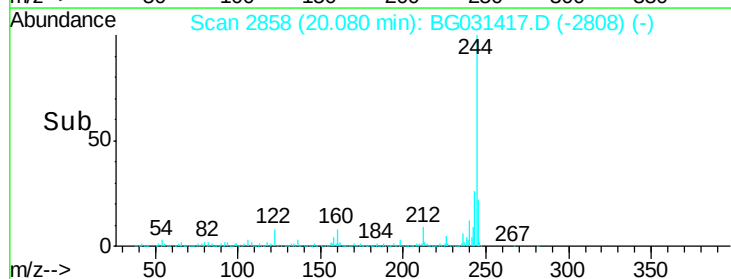
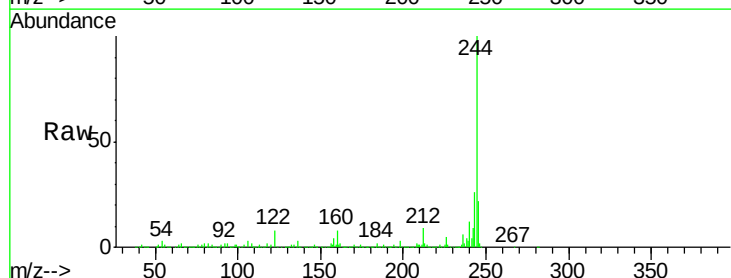
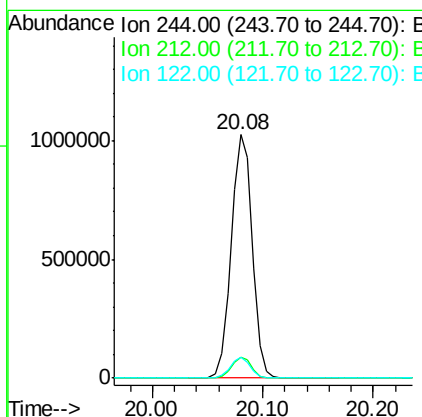
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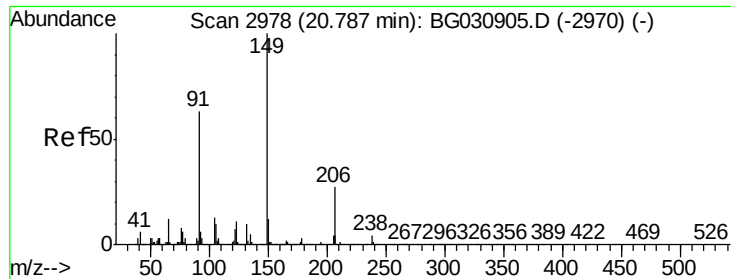
Sohil
 12/11/2017 6:17:18 PM



#78
 Terphenyl-d14
 Concen: 63.547 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1372434		
212	8.5	5.8	8.8	
122	8.4	7.0	10.4	





#79

Butylbenzylphthalate

Concen: 32.791 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

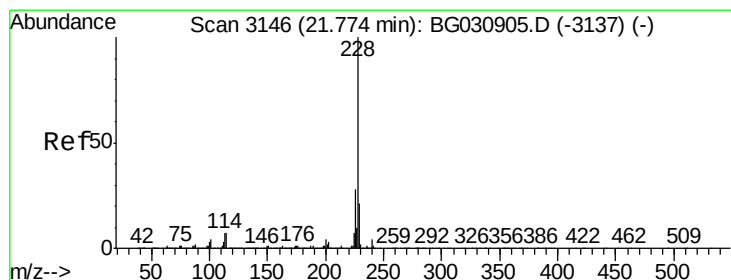
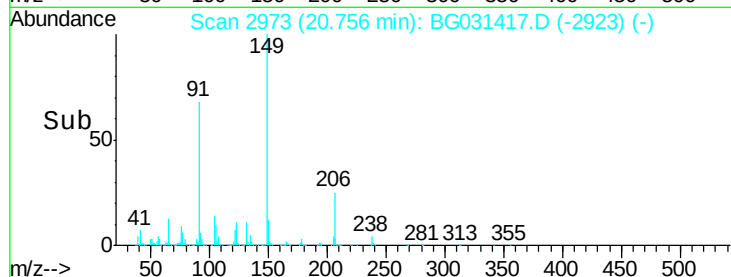
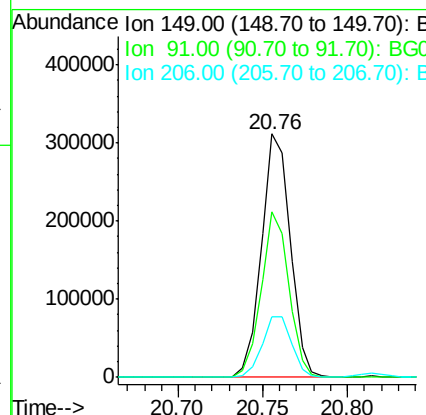
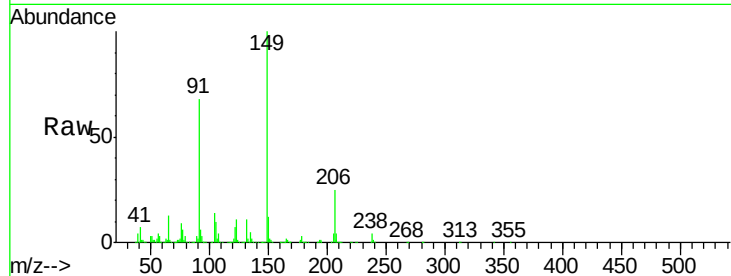
ClientSampleId :

PB104800BSD

Tgt Ion:	149	Resp:	369986
Ion Ratio	Lower	Upper	
149	100		
91	67.9	62.2	93.2
206	24.7	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 33.014 ng

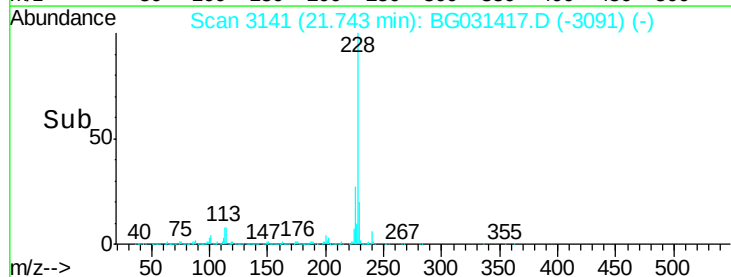
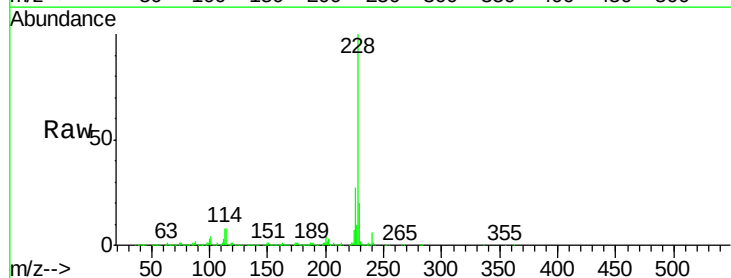
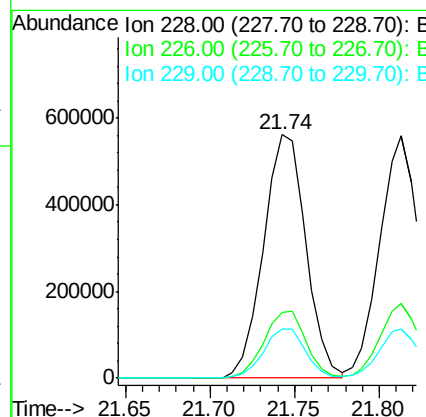
RT: 21.74 min Scan# 3141

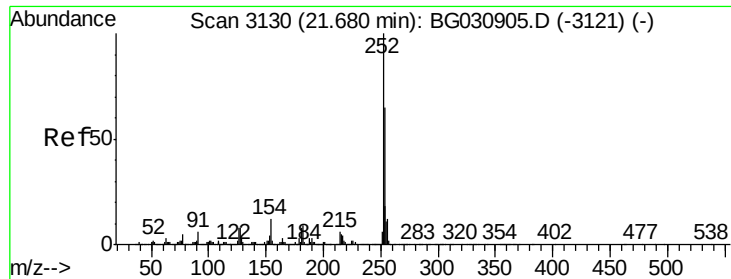
Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	228	Resp:	977934
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.7	34.1
229	20.2	16.2	24.2





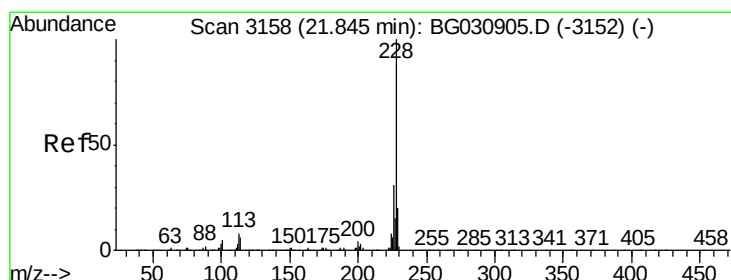
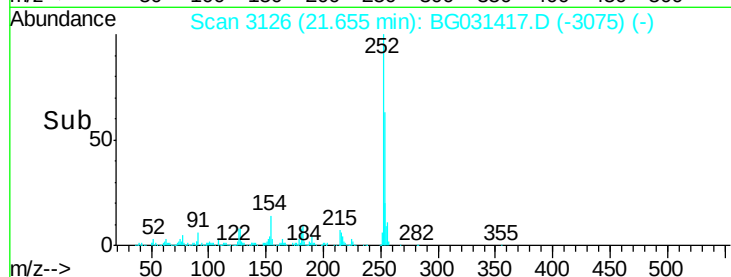
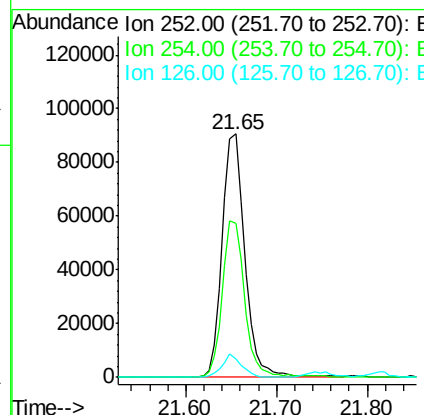
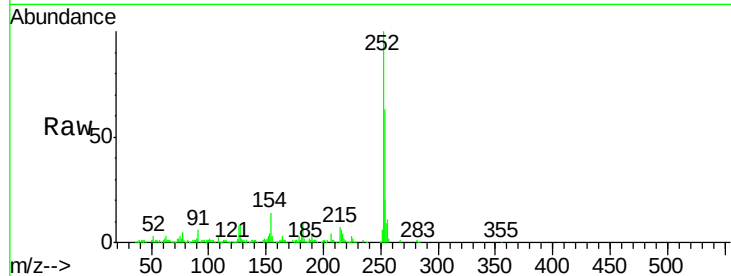
#81
 3,3'-Dichlorobenzidine
 Concen: 13.198 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	7.6	7.4	11.2

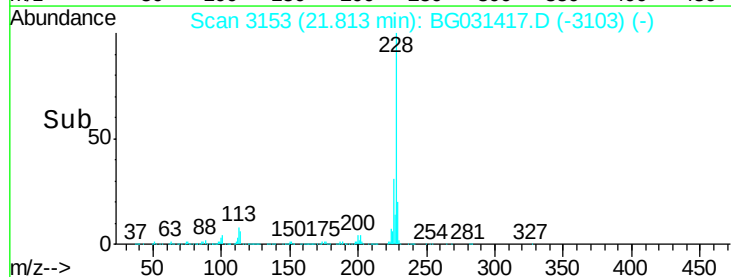
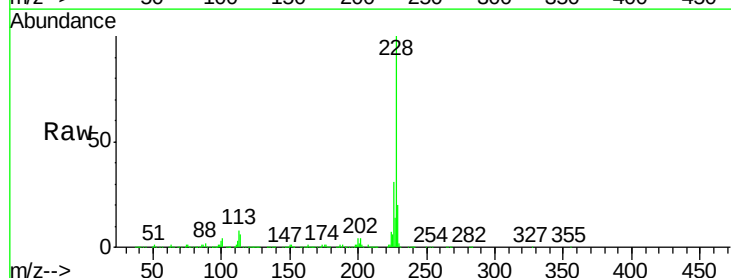
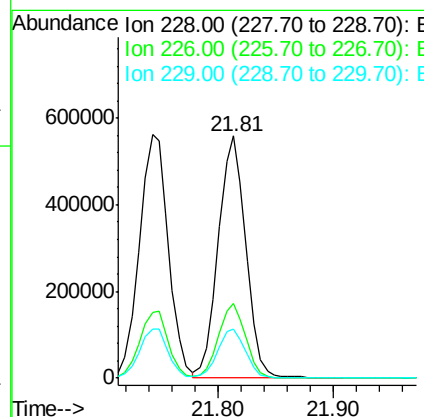
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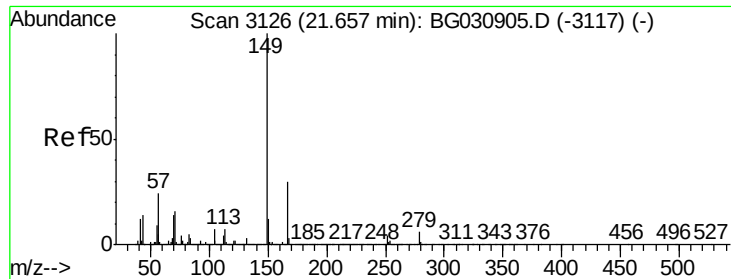
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#82
 Chrysene
 Concen: 33.495 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.2	15.0	22.4





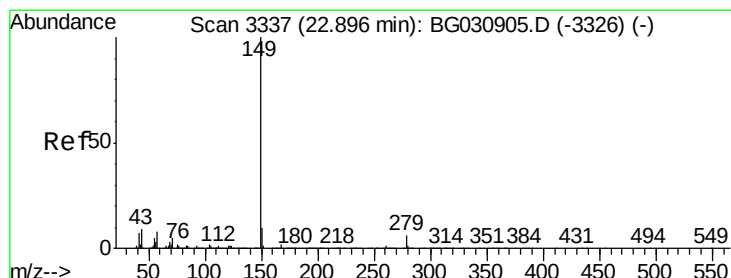
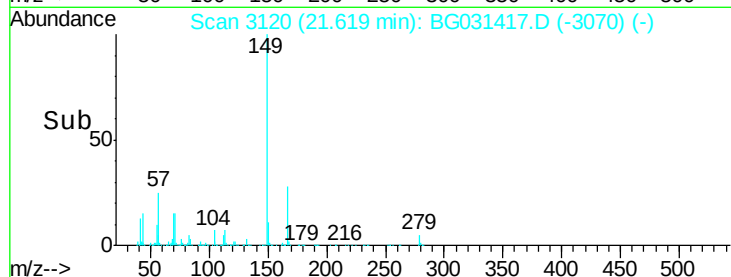
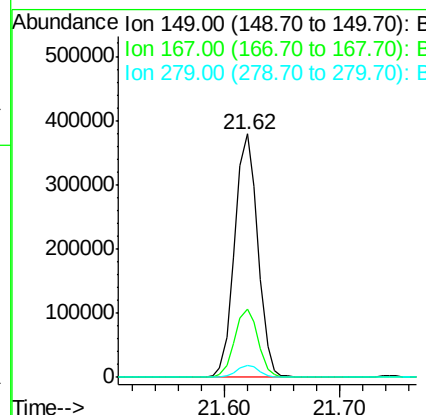
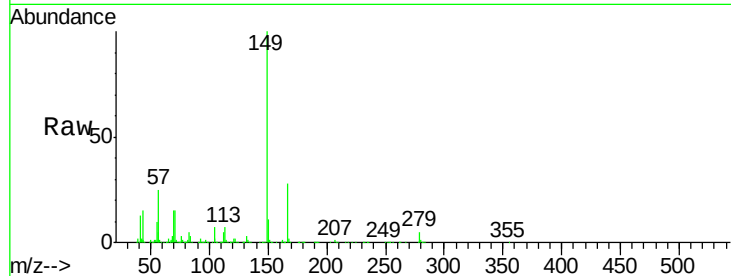
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.342 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	526758		
167	28.3	24.3	36.5	
279	4.9	4.0	6.0	

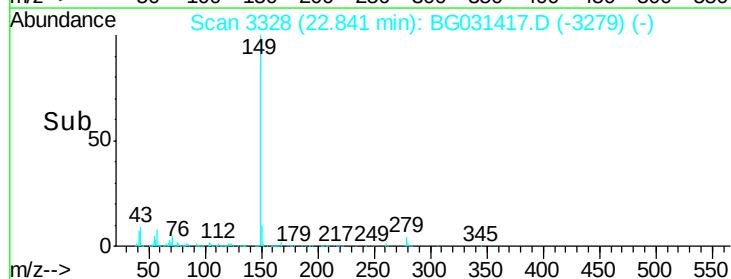
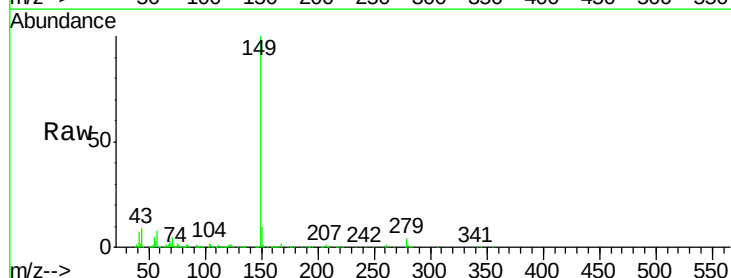
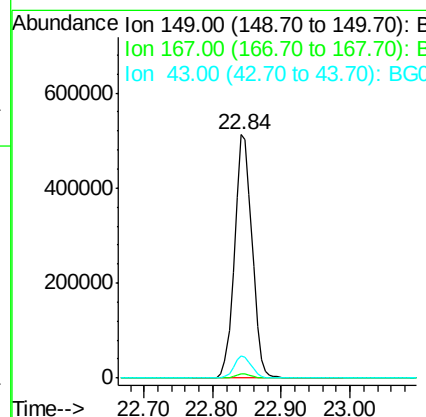
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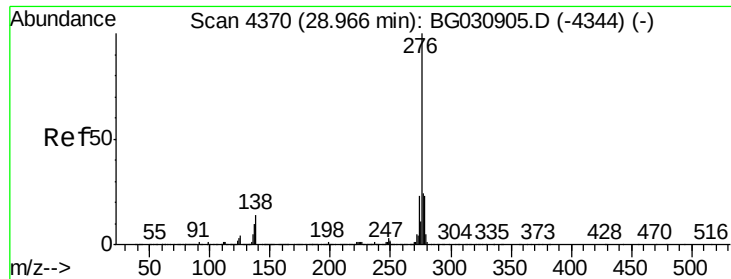
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#84
 Di-n-octyl phthalate
 Concen: 34.221 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	907160		
167	1.8	1.4	2.0	
43	9.0	8.9	13.3	





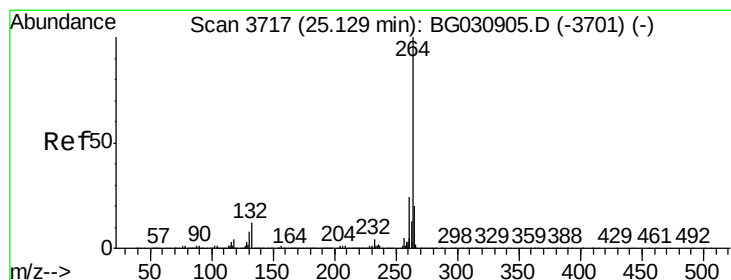
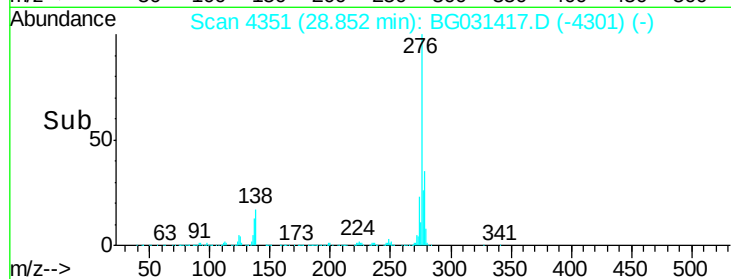
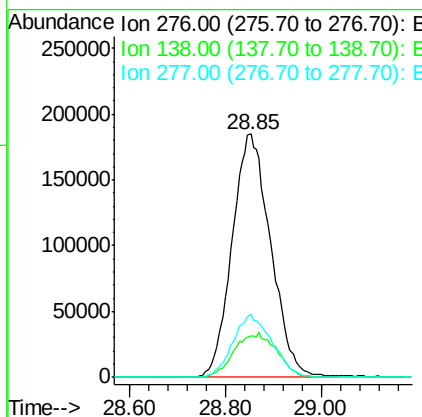
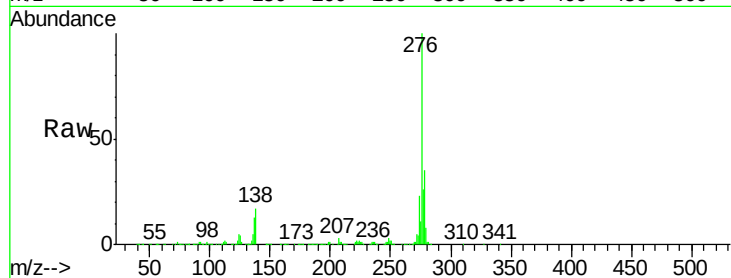
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.985 ng
 RT: 28.85 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.0	24.0
277	26.0	20.0	30.0

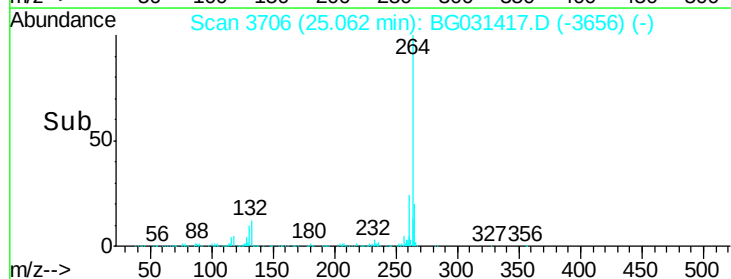
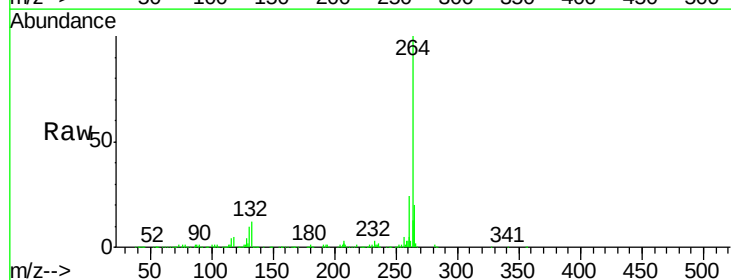
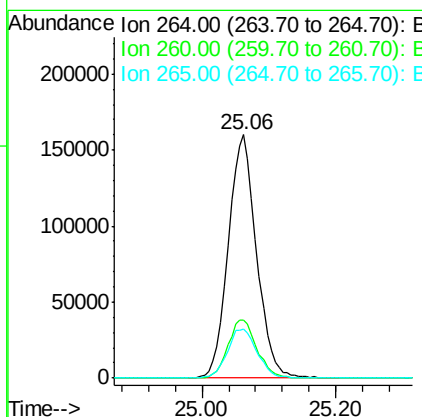
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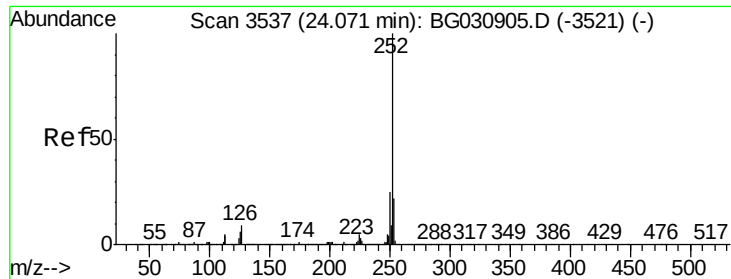
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 33.167 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Instrument :

BNA_G

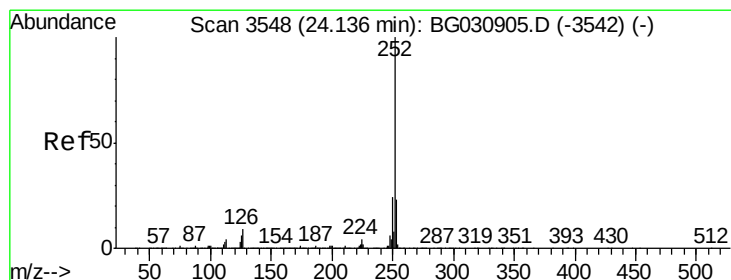
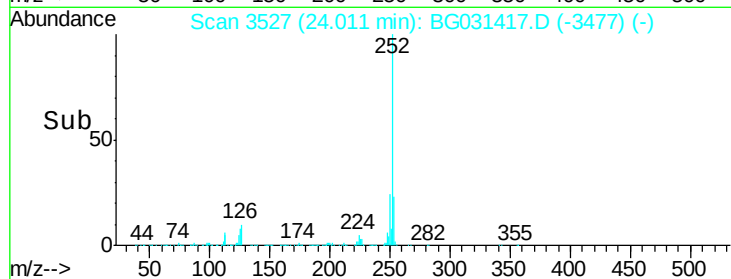
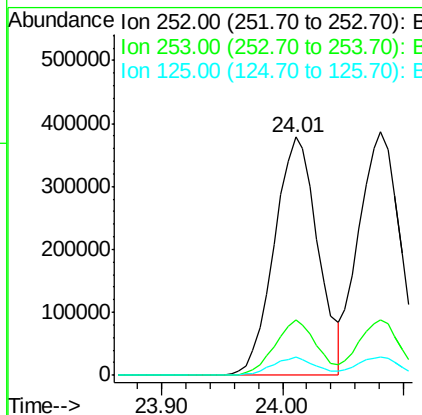
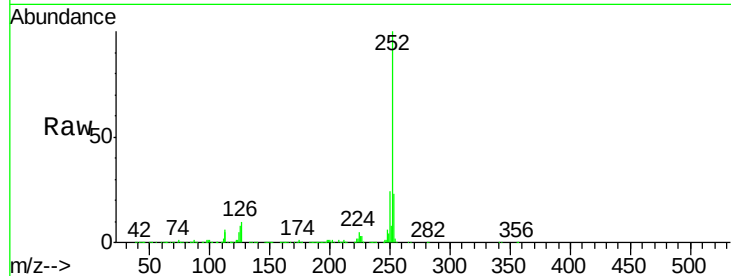
ClientSampleId :

PB104800BSD

Tgt Ion:	252	Resp:	947624
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.4
125	7.5	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 32.802 ng

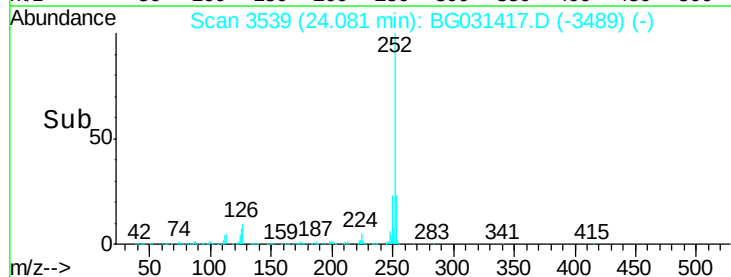
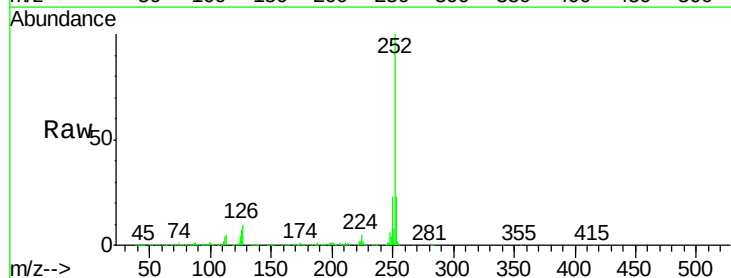
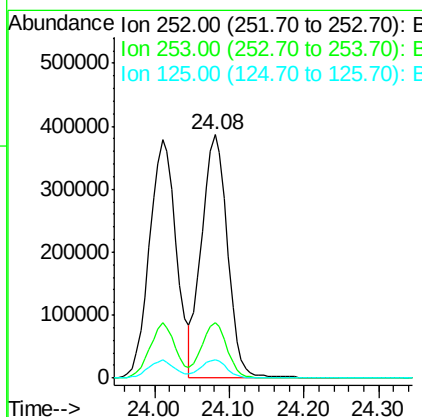
RT: 24.08 min Scan# 3539

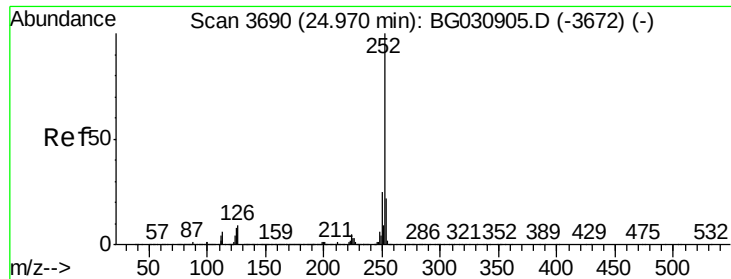
Delta R.T. -0.01 min

Lab File: BG031417.D

Acq: 8 Dec 2017 11:03

Tgt Ion:	252	Resp:	928933
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.2
125	7.4	6.6	9.8





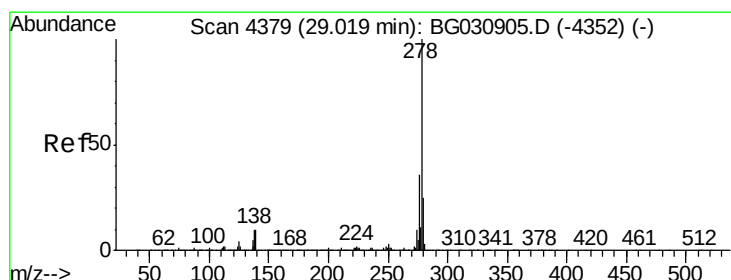
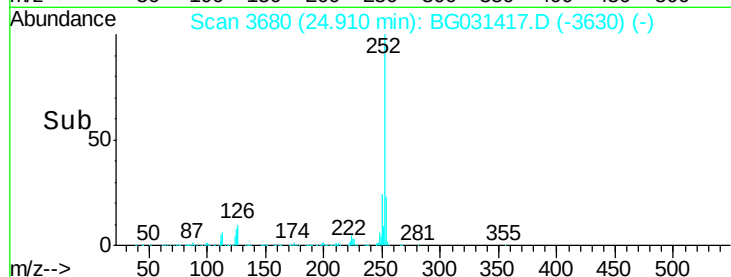
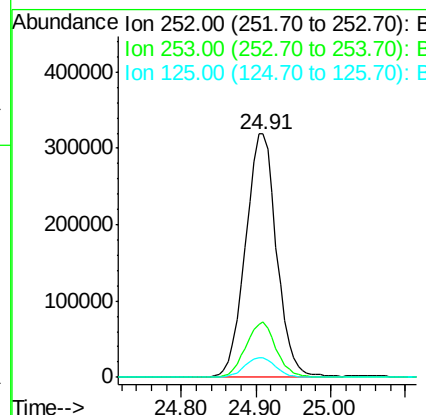
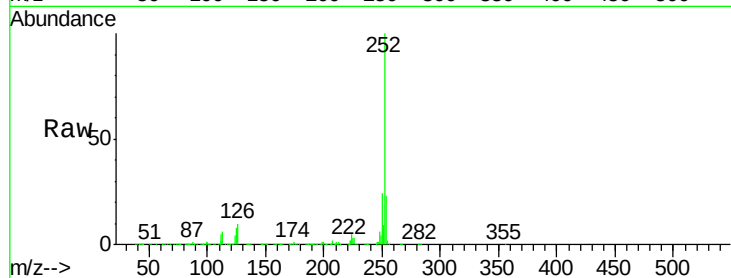
#89
Benzo(a)pyrene
Concen: 34.054 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	18.3	27.5
125	7.9	7.3	10.9

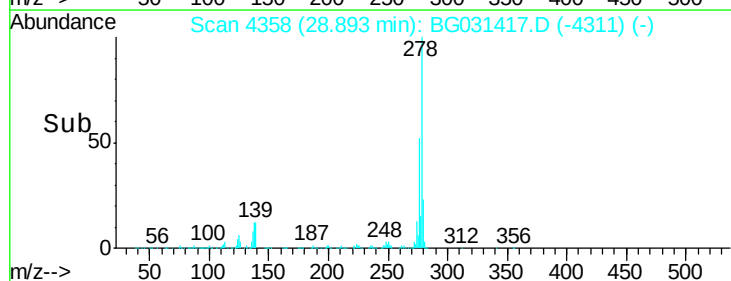
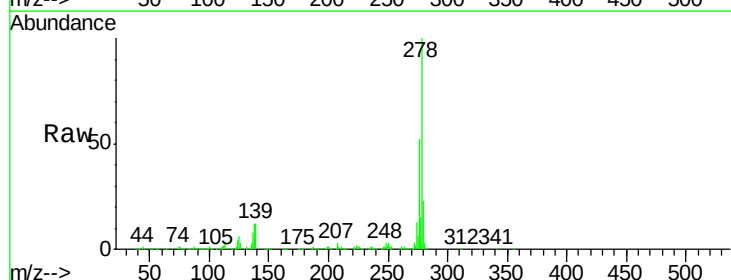
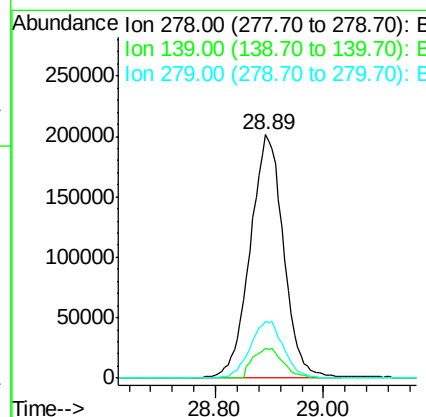
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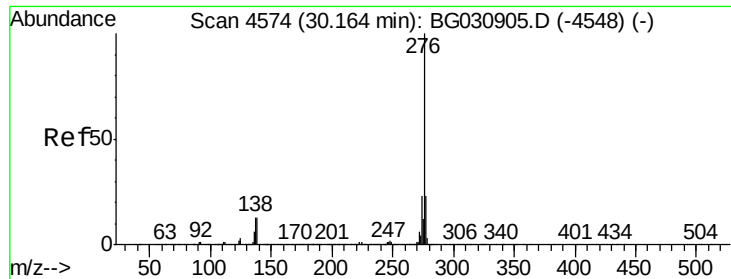
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#90
Dibenzo(a,h)anthracene
Concen: 31.035 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG031417.D
Acq: 8 Dec 2017 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	12.2	9.8	14.6
279	23.3	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 31.853 ng
 RT: 30.03 min Scan# 4552
 Delta R.T. -0.01 min
 Lab File: BG031417.D
 Acq: 8 Dec 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BSD

Tgt	Ion	276	Resp:	857655
	Ratio	100	Lower	Upper
	276	100		
	277	24.3	18.3	27.5
	138	17.1	13.9	20.9

Manual Integrations
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