

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031416.D
 Acq On : 8 Dec 2017 10:26
 Operator : SJ/JU
 Sample : PB104800BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:17:16 PM

Quant Time: Dec 08 13:33:23 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	41845	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	191504	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	141242	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	399450	20.00	ng	0.00
75) Chrysene-d12	21.77	240	449120	20.00	ng	0.00
86) Perylene-d12	25.06	264	441094	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	228067	93.46	ng	0.00
7) Phenol-d6	7.30	99	311197	94.66	ng	0.00
23) Nitrobenzene-d5	9.29	82	270489	83.70	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	165202	72.30	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	803541	81.75	ng	0.00
78) Terphenyl-d14	20.08	244	1534949	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	30919	31.222	ng	89
3) Pyridine	3.94	79	87624	30.478	ng	95
4) n-Nitrosodimethylamine	3.85	42	51109	37.510	ng	# 82
6) Aniline	7.45	93	51320	11.861	ng	94
8) 2-Chlorophenol	7.69	128	118330	43.940	ng	88
9) Benzaldehyde	7.27	77	39529	17.182	ng	94
10) Phenol	7.32	94	156770	45.918	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	104629	38.381	ng	92
12) 1,3-Dichlorobenzene	8.01	146	122243	38.690	ng	97
13) 1,4-Dichlorobenzene	8.16	146	124184	38.786	ng	97
14) 1,2-Dichlorobenzene	8.48	146	121738	39.614	ng	98
15) Benzyl Alcohol	8.36	79	105091	39.852	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	174170	57.843	ng	93
17) 2-Methylphenol	8.58	107	106661	44.863	ng	97
18) Hexachloroethane	9.21	117	44587	40.012	ng	90
19) n-Nitroso-di-n-propylamine	8.93	70	90600	36.245	ng	# 94
20) 3+4-Methylphenols	8.90	107	147712	43.693	ng	97
22) Acetophenone	8.95	105	167626	35.155	ng	# 93
24) Nitrobenzene	9.34	77	135261	40.972	ng	# 91
25) Isophorone	9.86	82	257340	40.829	ng	# 93
26) 2-Nitrophenol	10.05	139	69657	40.480	ng	# 89
27) 2,4-Dimethylphenol	10.11	122	122381	47.905	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	159888	40.277	ng	97
29) 2,4-Dichlorophenol	10.60	162	138199	45.050	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	143145	39.084	ng	97
31) Naphthalene	10.99	128	367332	39.019	ng	99
32) Benzoic acid	10.26	122	56938	29.265	ng	# 82
33) 4-Chloroaniline	11.11	127	44595	10.821	ng	93
34) Hexachlorobutadiene	11.27	225	95598	37.637	ng	98
35) Caprolactam	11.87	113	57891m	46.196	ng	
36) 4-Chloro-3-methylphenol	12.22	107	150669	45.127	ng	# 86
37) 2-Methylnaphthalene	12.58	142	299264	41.179	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	183804	32.788	ng	96
40) Hexachlorocyclopentadiene	12.92	237	154009	75.044	ng	91

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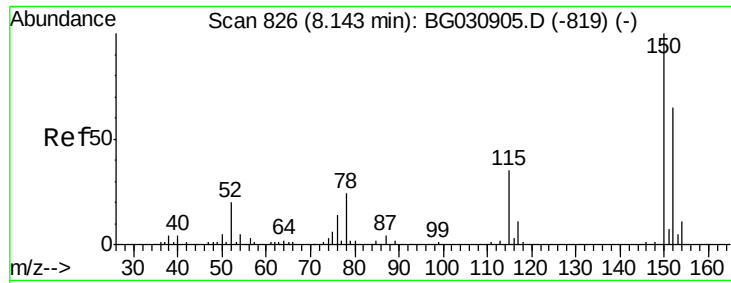
Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:17:16 PM

Quant Time: Dec 08 13:33:23 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	132296	41.282	ng	100
43) 2,4,5-Trichlorophenol	13.28	196	142632	40.679	ng	93
45) 1,1'-Biphenyl	13.58	154	402461	34.362	ng	97
46) 2-Chloronaphthalene	13.63	162	334707	39.608	ng	97
47) 2-Nitroaniline	13.83	65	108820	43.447	ng	89
48) Acenaphthylene	14.47	152	528675	38.224	ng	98
49) Dimethylphthalate	14.20	163	497524	40.739	ng	98
50) 2,6-Dinitrotoluene	14.32	165	112293	44.611	ng #	81
51) Acenaphthene	14.81	154	333499	38.609	ng	98
52) 3-Nitroaniline	14.66	138	30940	11.576	ng #	80
53) 2,4-Dinitrophenol	14.88	184	105784	76.654	ng #	54
54) Dibenzofuran	15.14	168	561780	40.831	ng	98
55) 4-Nitrophenol	14.99	139	165322	86.833	ng #	88
56) 2,4-Dinitrotoluene	15.12	165	165293	45.423	ng #	78
57) Fluorene	15.79	166	457240	40.934	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	148837	44.538	ng	93
59) Diethylphthalate	15.55	149	512409	41.307	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	271220	40.203	ng	92
61) 4-Nitroaniline	15.82	138	119695	42.292	ng	92
62) Azobenzene	16.07	77	422282	44.636	ng	97
64) 4,6-Dinitro-2-methylphenol	15.89	198	89045	33.537	ng	82
65) n-Nitrosodiphenylamine	16.00	169	440263	36.372	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	182000	35.974	ng	97
67) Hexachlorobenzene	16.80	284	183242	34.087	ng	97
68) Atrazine	16.94	200	198382	39.723	ng	96
69) Pentachlorophenol	17.15	266	173942	58.536	ng	98
70) Phenanthrene	17.54	178	833617	40.081	ng	99
71) Anthracene	17.62	178	853878	40.973	ng	99
72) Carbazole	17.89	167	790260	40.471	ng	98
73) Di-n-butylphthalate	18.43	149	933906	38.952	ng	99
74) Fluoranthene	19.53	202	1109231	42.123	ng	98
76) Benzidine	19.71	184	235954	16.355	ng	98
77) Pyrene	19.90	202	1128536	42.346	ng	97
79) Butylbenzylphthalate	20.76	149	429231	40.394	ng	85
80) Benzo(a)anthracene	21.74	228	1105964	39.644	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	177611	15.772	ng	98
82) Chrysene	21.81	228	1056508	40.940	ng	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	604345	39.400	ng	99
84) Di-n-octyl phthalate	22.85	149	1027459	41.155	ng	96
85) Indeno(1,2,3-cd)pyrene	28.85	276	1191373	37.975	ng	99
87) Benzo(b)fluoranthene	24.01	252	1078882m	40.435	ng	
88) Benzo(k)fluoranthene	24.08	252	1066649	40.332	ng	99
89) Benzo(a)pyrene	24.91	252	1058223	41.749	ng	98
90) Dibenzo(a,h)anthracene	28.90	278	993551	38.350	ng	98
91) Benzo(g,h,i)perylene	30.04	276	1002205	39.857	ng	97

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



#1

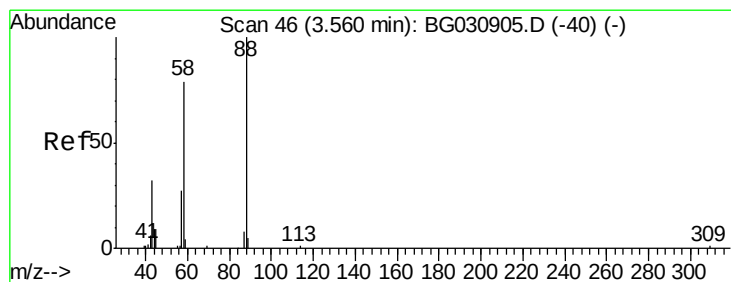
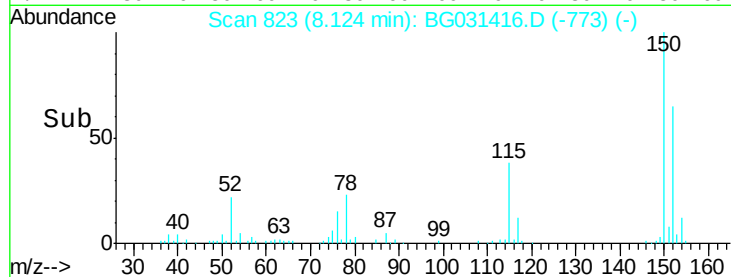
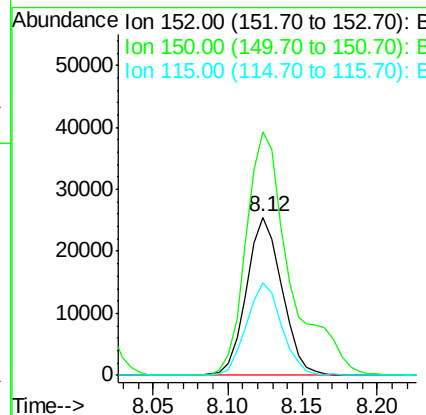
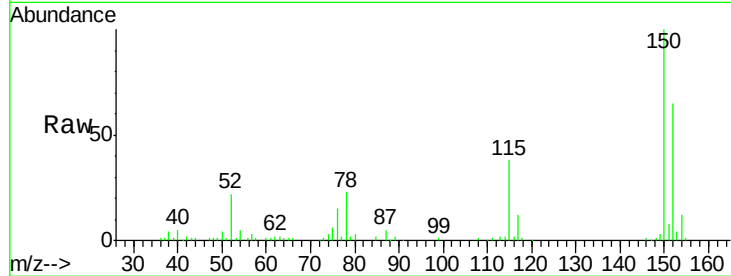
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampled :
PB104800BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	58.8	53.0	79.4

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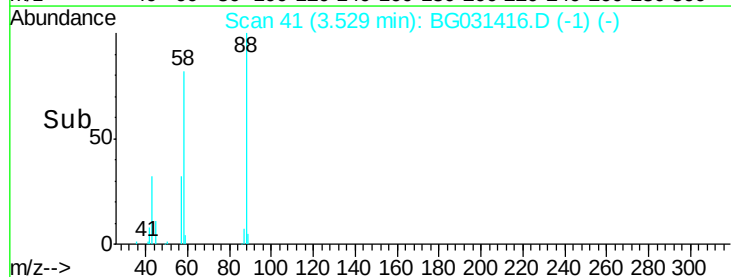
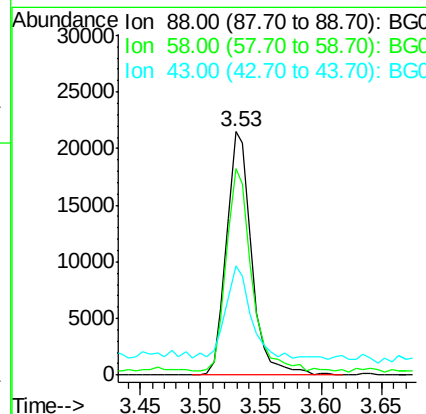
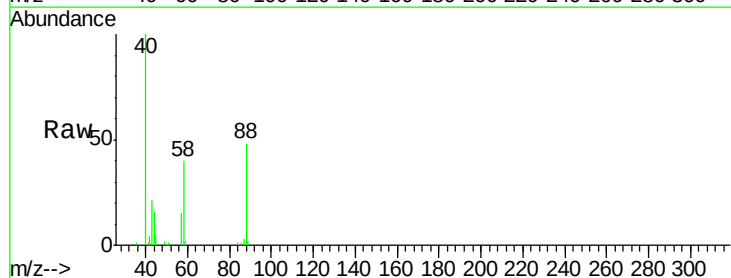
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12/11/2017 6:17:16 PM

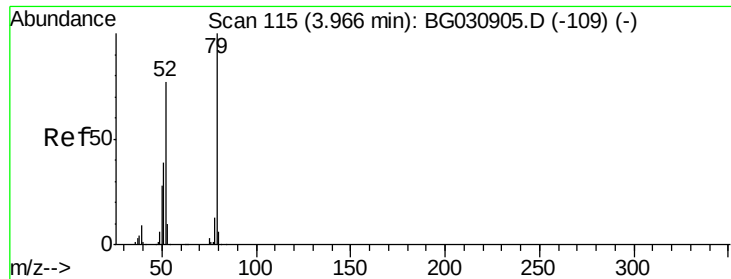


#2

1,4-Dioxane
Concen: 31.222 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	79.6	119.4
43	35.7	27.4	41.0





#3

Pyridine

Concen: 30.478 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

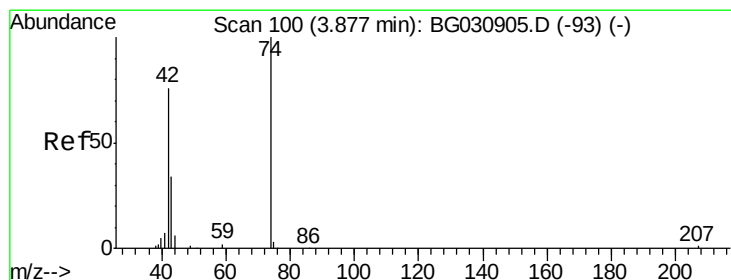
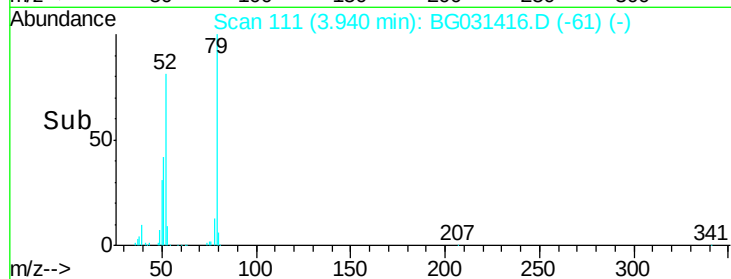
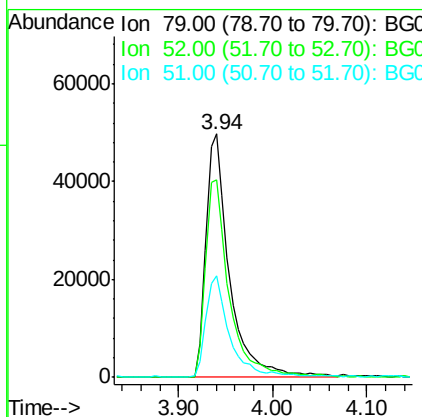
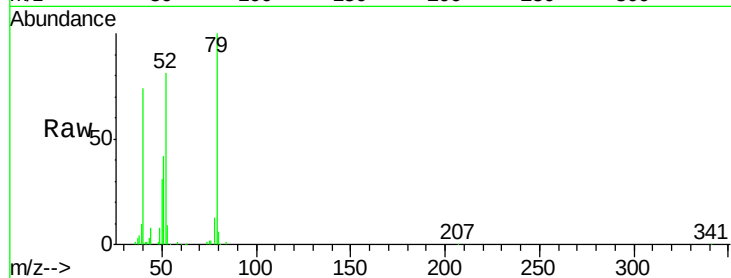
ClientSampleId :

PB104800BS

Tgt Ion:	79	Resp:	87624
Ion	Ratio	Lower	Upper
79	100		
52	81.0	69.9	104.9
51	41.7	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.510 ng

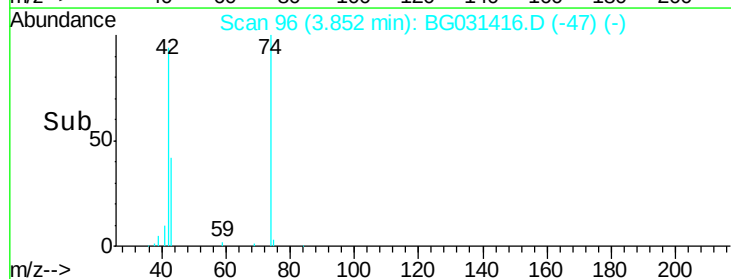
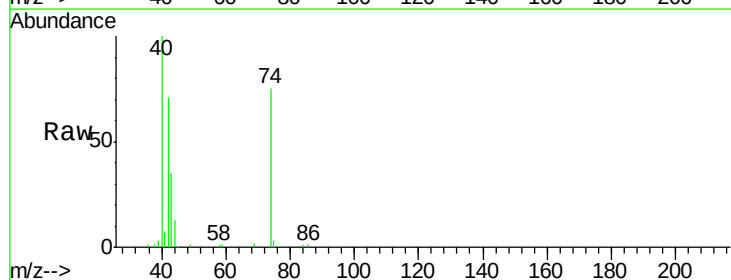
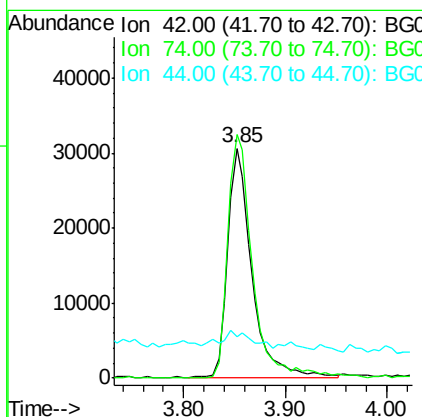
RT: 3.85 min Scan# 96

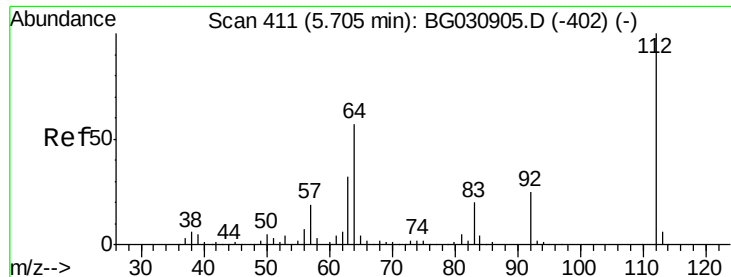
Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	42	Resp:	51109
Ion	Ratio	Lower	Upper
42	100		
74	106.0	102.5	153.7
44	17.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 93.459 ng

RT: 5.69 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

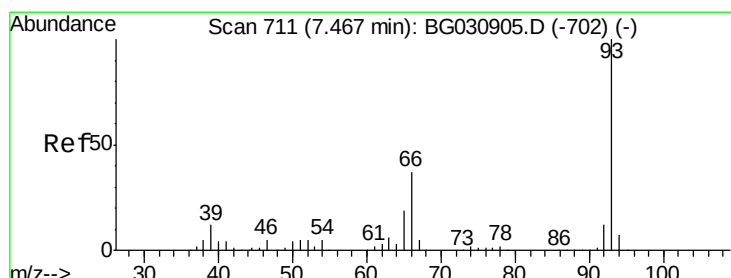
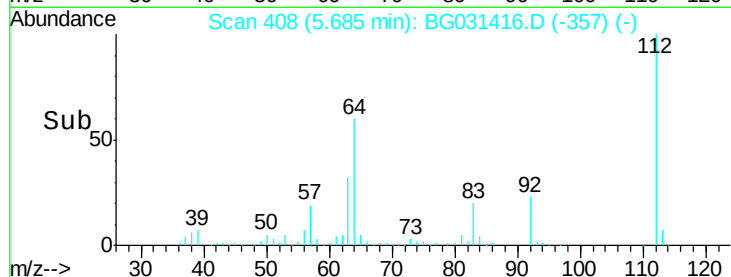
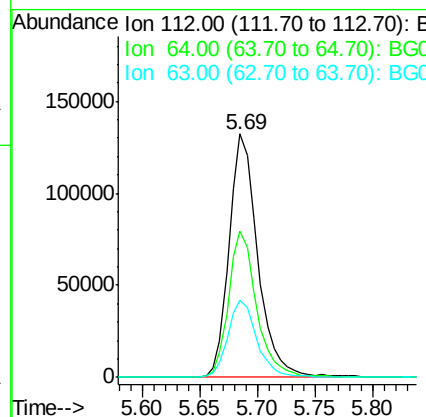
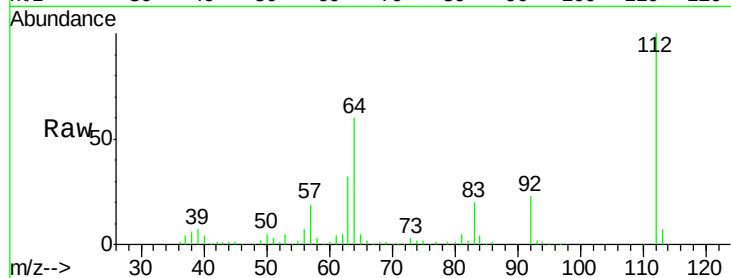
ClientSampleId :

PB104800BS

Tgt Ion:	112	Resp:	228067
Ion Ratio	Lower	Upper	
112	100		
64	60.2	56.3	84.5
63	31.6	30.1	45.1

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#6

Aniline

Concen: 11.861 ng

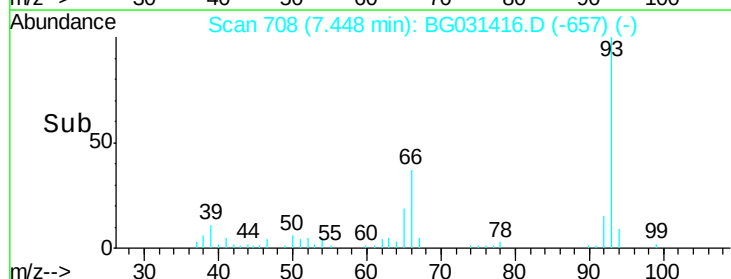
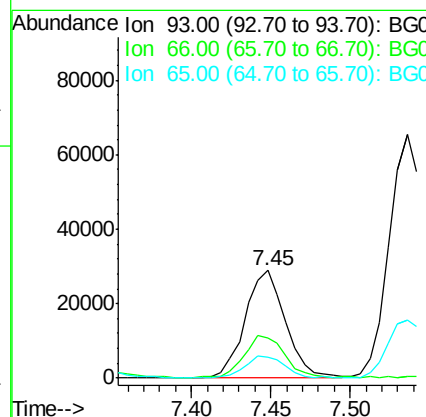
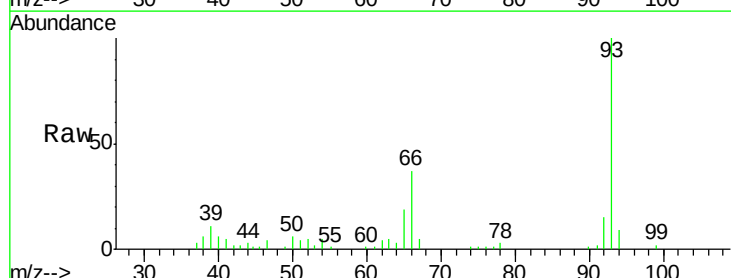
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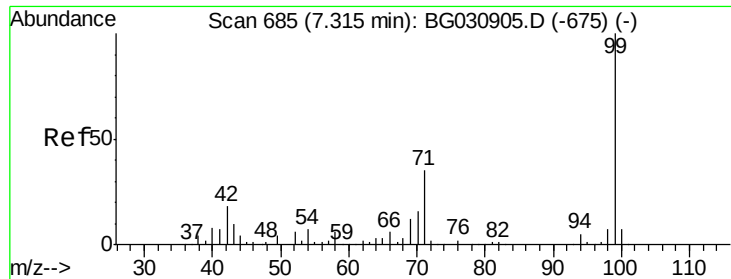
Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	93	Resp:	51320
Ion Ratio	Lower	Upper	
93	100		
66	37.1	33.7	50.5
65	18.9	16.1	24.1





#7

Phenol-d6

Concen: 94.658 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

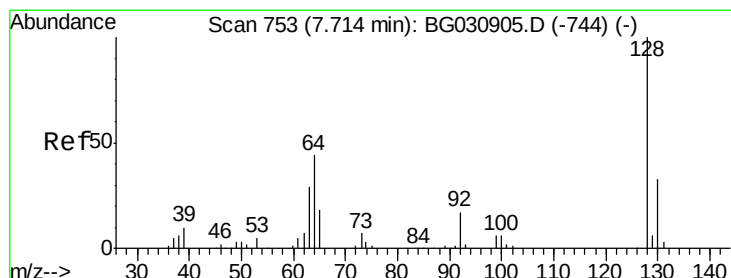
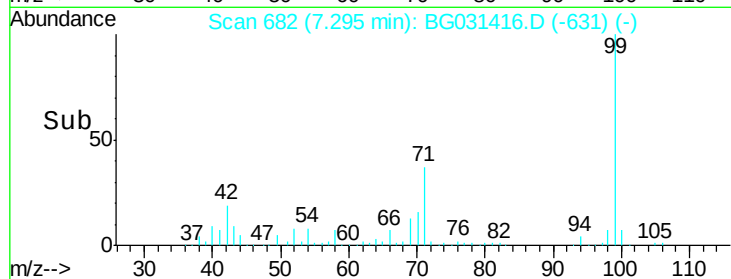
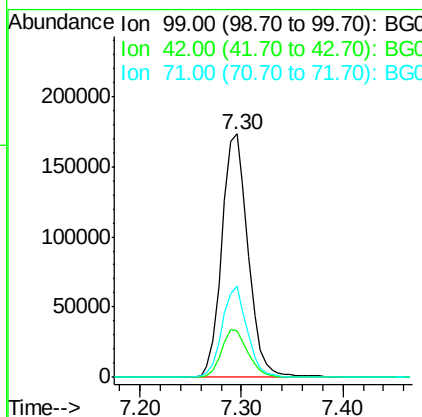
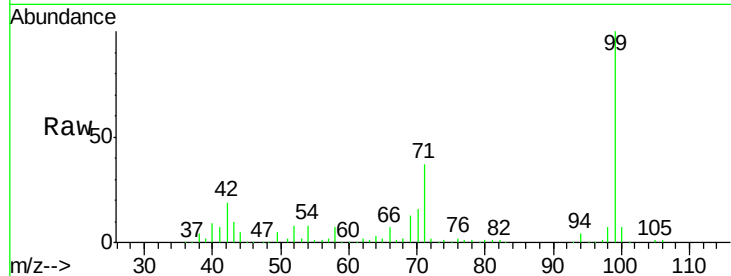
ClientSampleId :

PB104800BS

Tgt Ion:	99	Resp:	311197
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.1	21.1
71	37.5	26.1	39.1

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#8

2-Chlorophenol

Concen: 43.940 ng

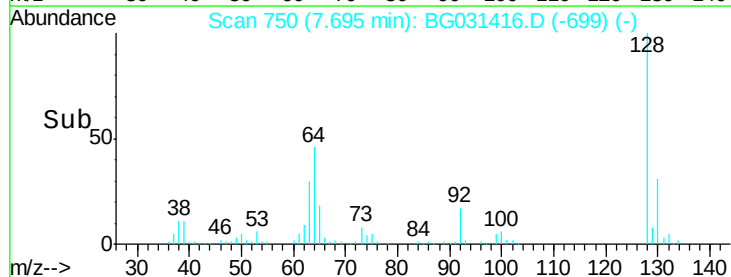
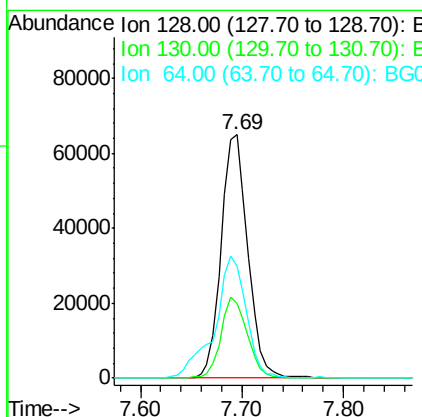
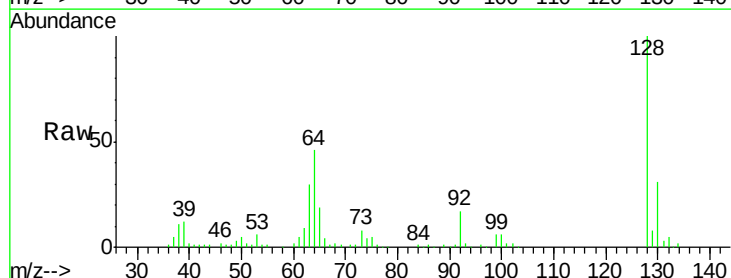
RT: 7.69 min Scan# 750

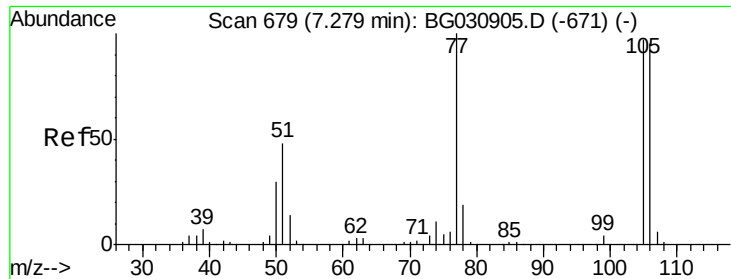
Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	128	Resp:	118330
Ion Ratio	Lower	Upper	
128	100		
130	30.7	14.0	54.0
64	45.8	37.7	77.7





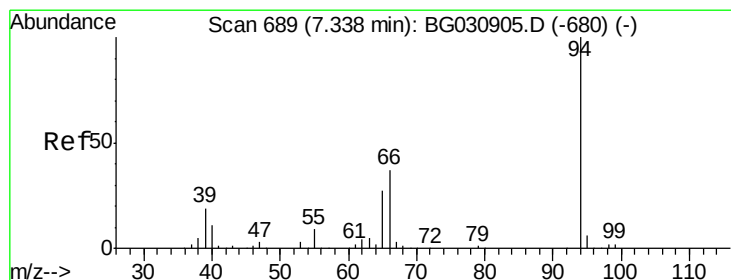
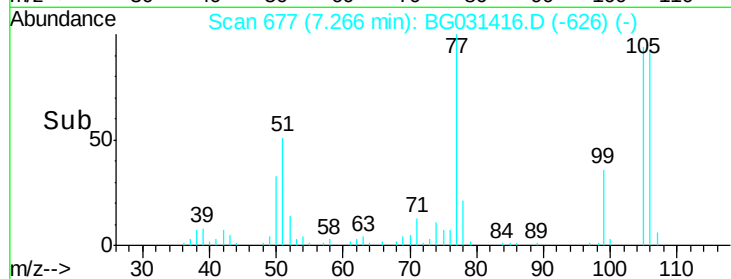
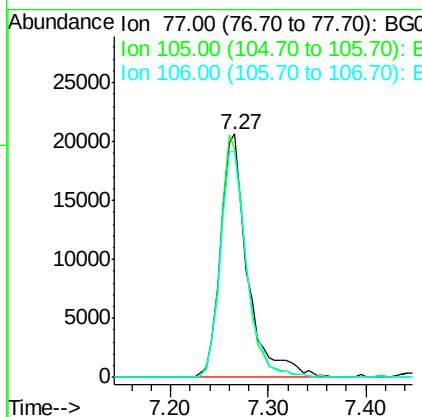
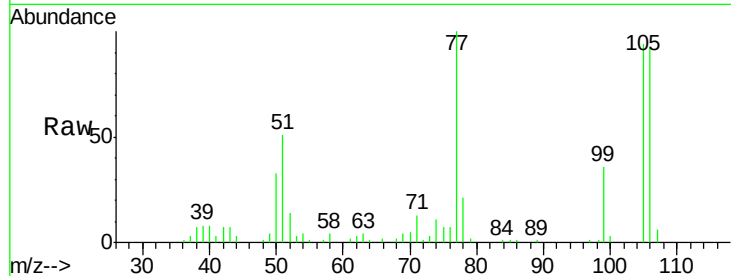
#9
Benzaldehyde
Concen: 17.182 ng
RT: 7.27 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion: 77 Resp: 39529
Ion Ratio Lower Upper
77 100
105 94.0 71.3 111.3
106 92.4 64.2 104.2

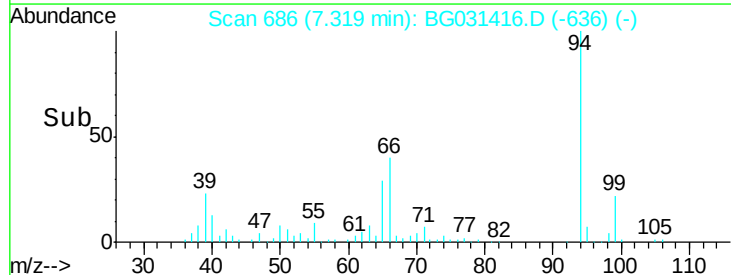
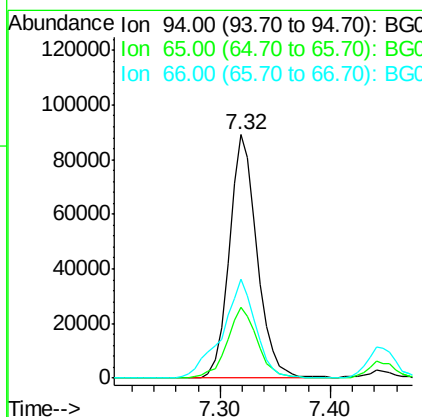
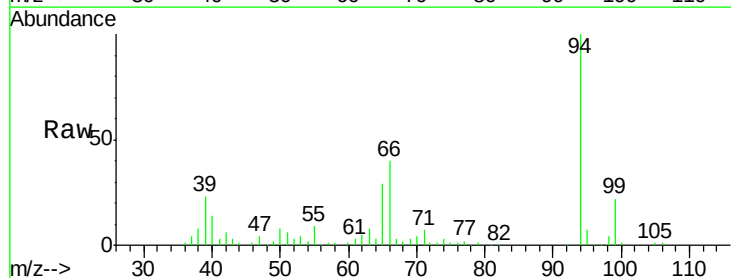
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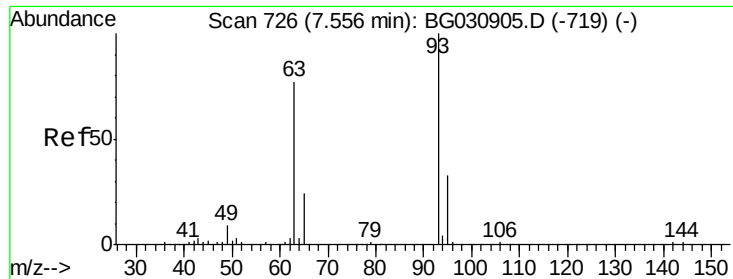
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#10
Phenol
Concen: 45.918 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion: 94 Resp: 156770
Ion Ratio Lower Upper
94 100
65 29.1 11.9 51.9
66 40.4 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 38.381 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

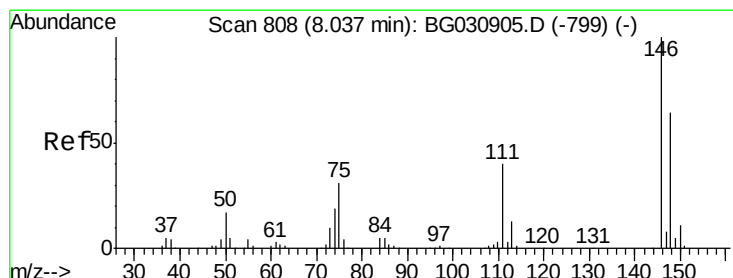
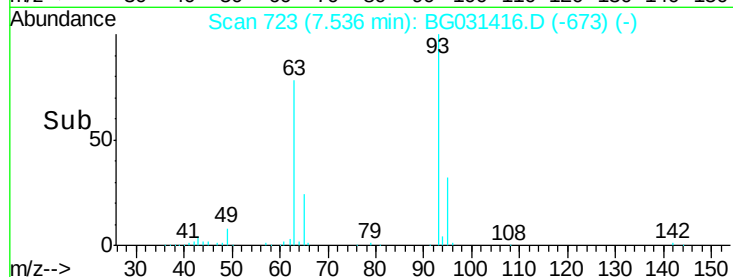
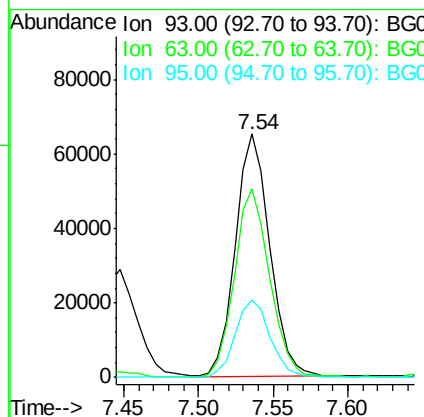
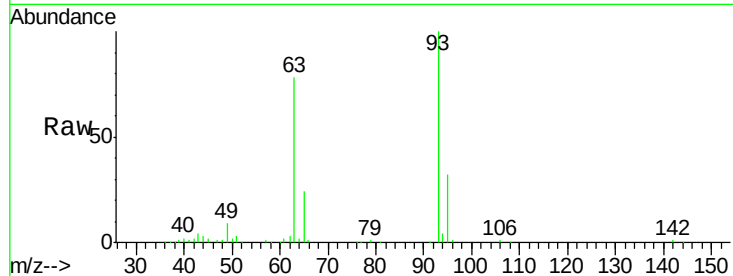
ClientSampleId :

PB104800BS

Tgt Ion:	93	Resp:	104629
Ion	Ratio	Lower	Upper
93	100		
63	77.7	67.1	107.1
95	31.9	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 38.690 ng

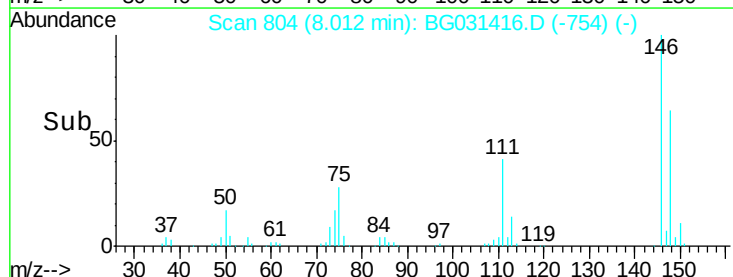
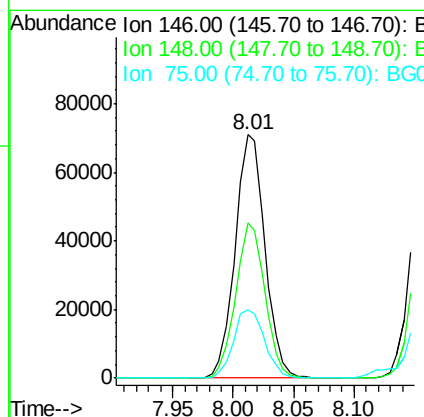
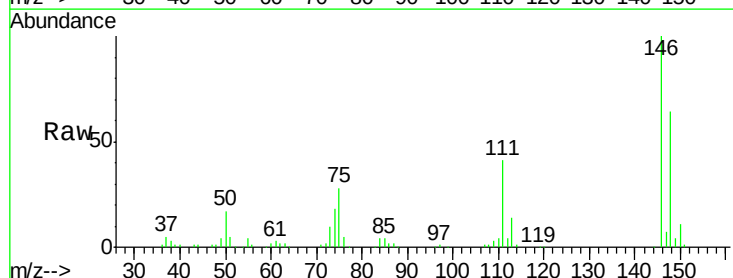
RT: 8.01 min Scan# 804

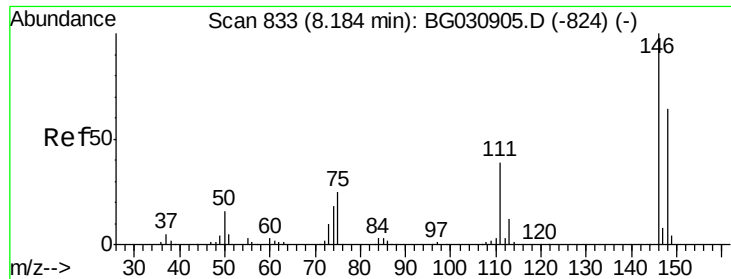
Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	146	Resp:	122243
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	28.3	26.6	39.8





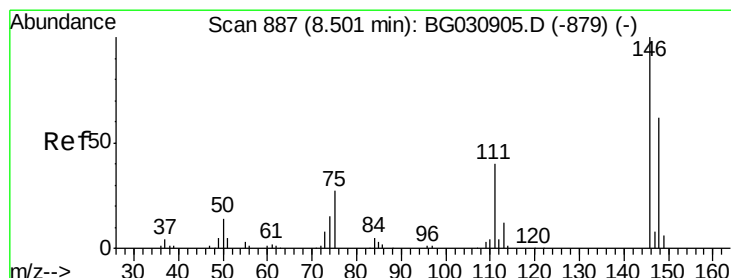
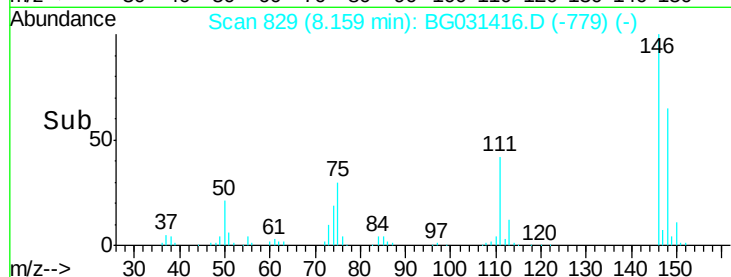
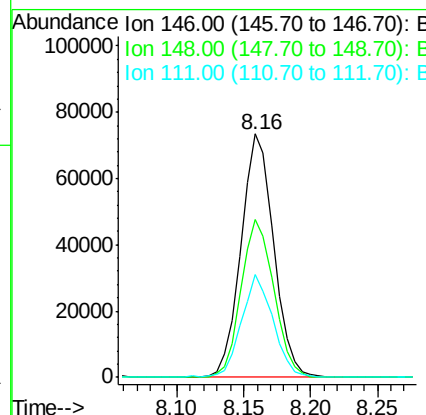
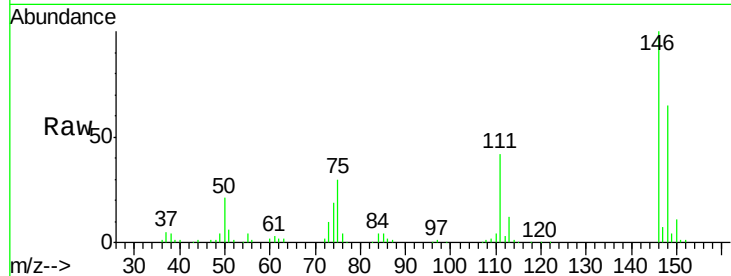
#13
 1,4-Dichlorobenzene
 Concen: 38.786 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampled :
 PB104800BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.7	80.5
111	42.3	35.2	52.8

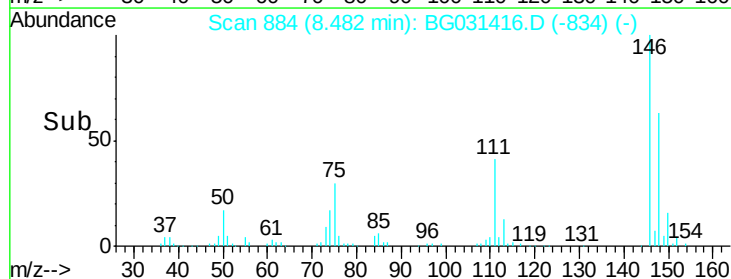
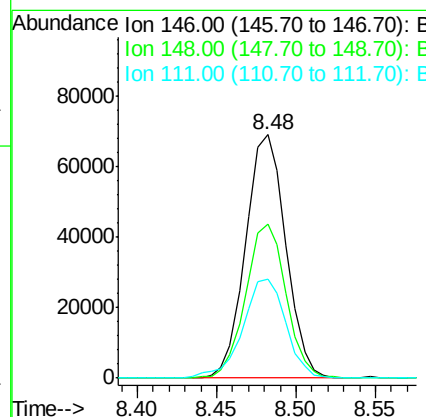
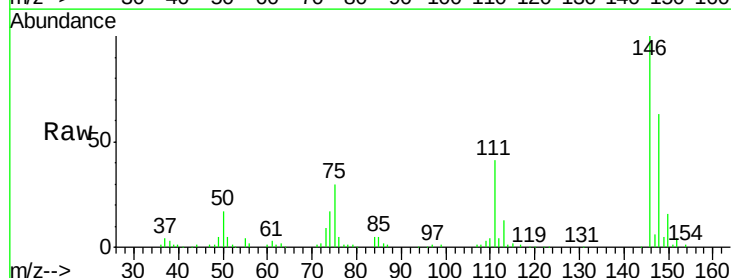
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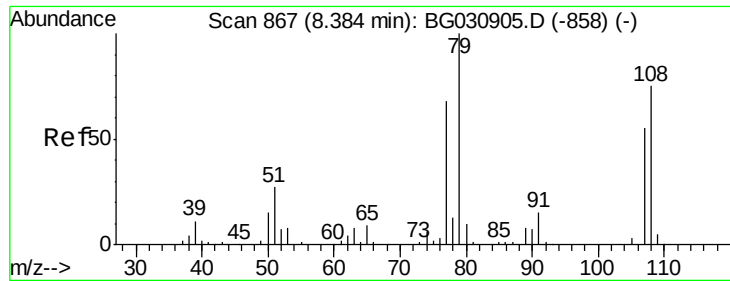
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#14
 1,2-Dichlorobenzene
 Concen: 39.614 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.3	73.9
111	40.8	34.3	51.5





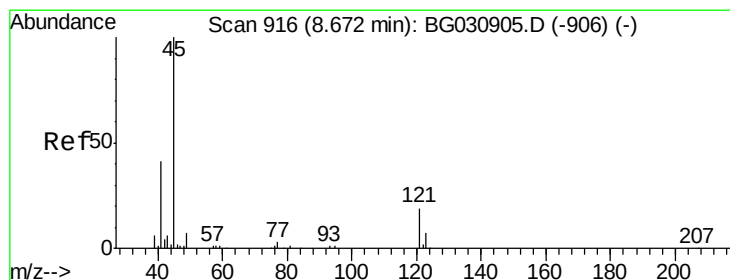
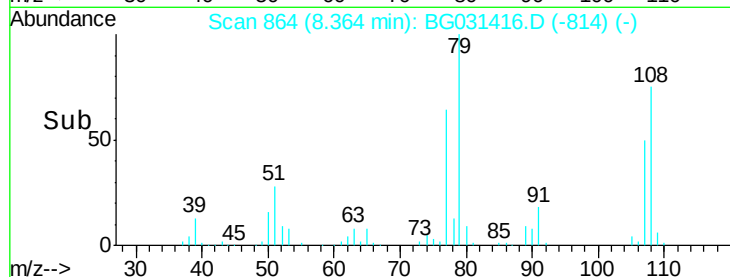
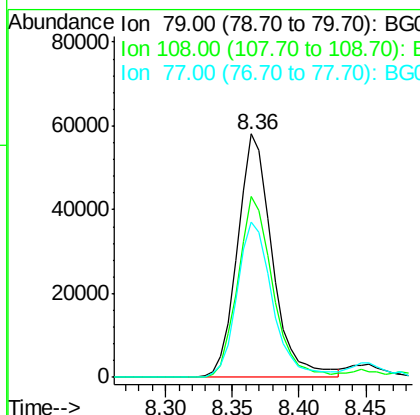
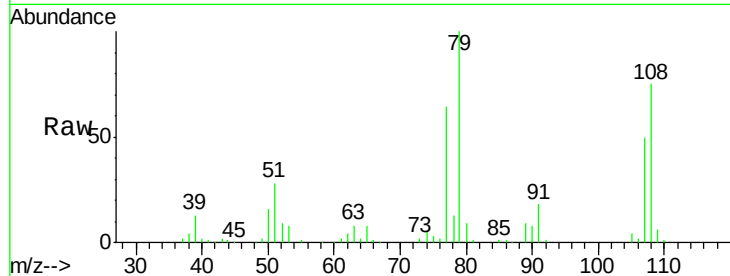
#15
Benzyl Alcohol
Concen: 39.852 ng
RT: 8.36 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampled :
PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	105091		
108	74.5	57.2	85.8	
77	64.0	46.1	69.1	

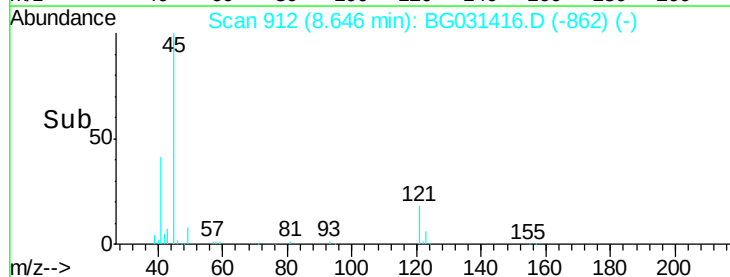
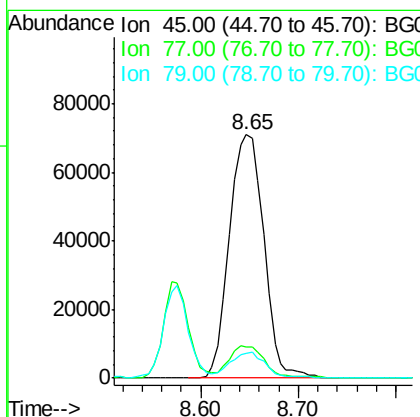
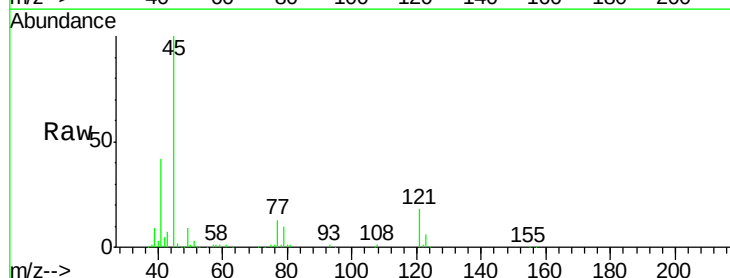
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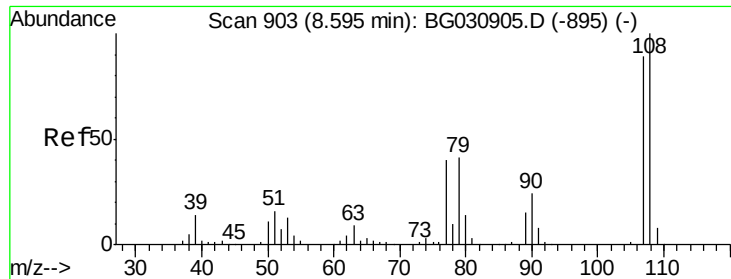
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#16
2,2'-oxybis(1-chloropropane)
Concen: 57.843 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	174170		
77	13.0	0.0	30.2	
79	9.9	0.0	27.9	





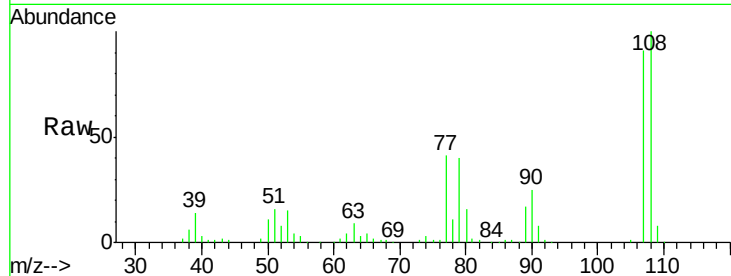
#17
2-Methylphenol
Concen: 44.863 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampled :
PB104800BS

Tgt Ion:	107	Resp:	106661
Ion Ratio	Lower	Upper	
107	100		
108	110.0	83.9	125.9
77	45.4	37.2	55.8
79	44.0	36.2	54.2

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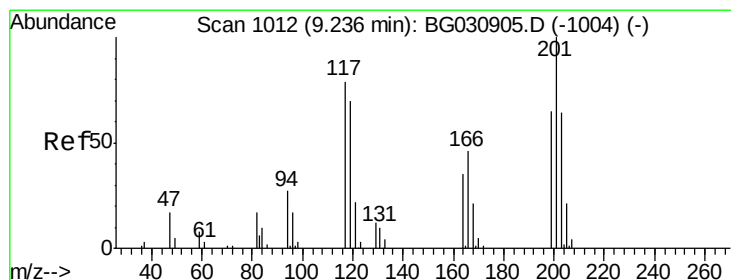
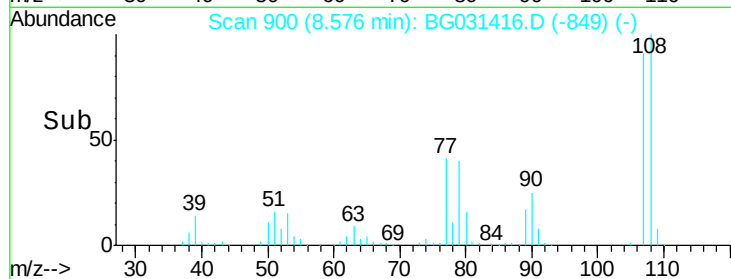
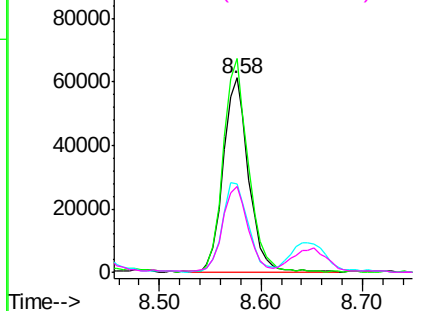
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.012 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

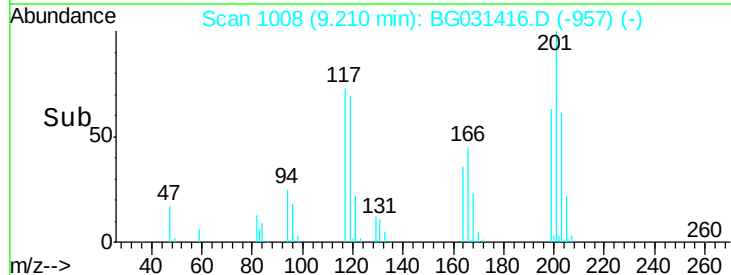
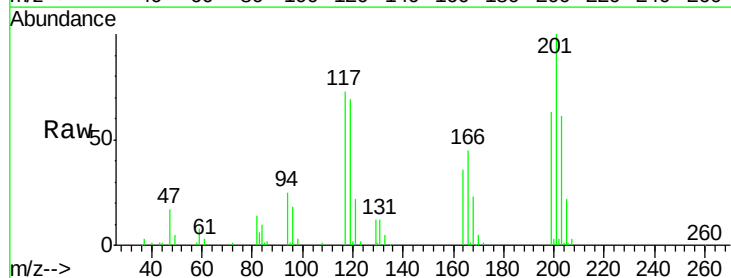
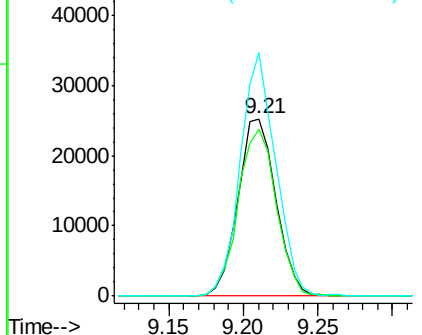
Tgt Ion:	117	Resp:	44587
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.7	115.1
201	137.1	95.7	143.5

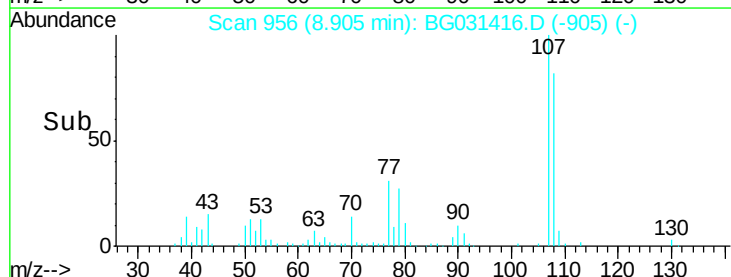
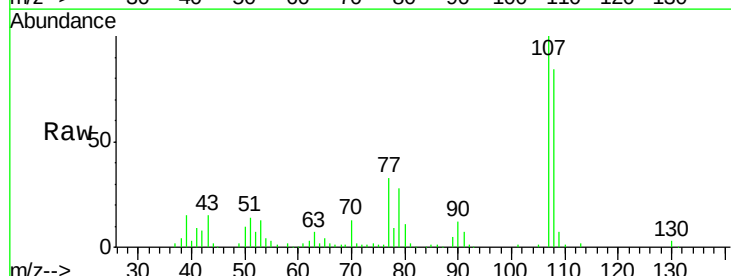
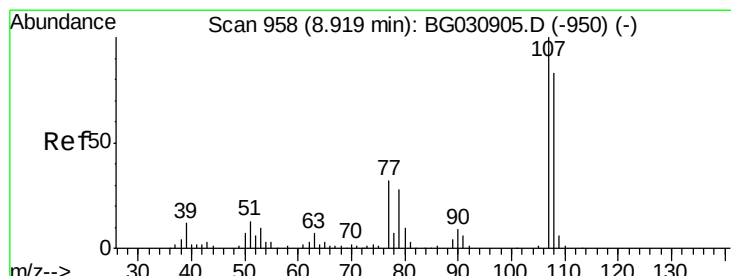
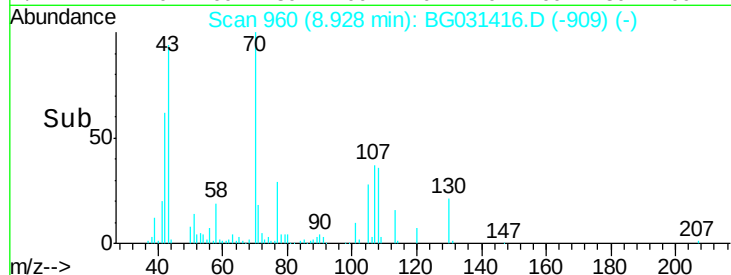
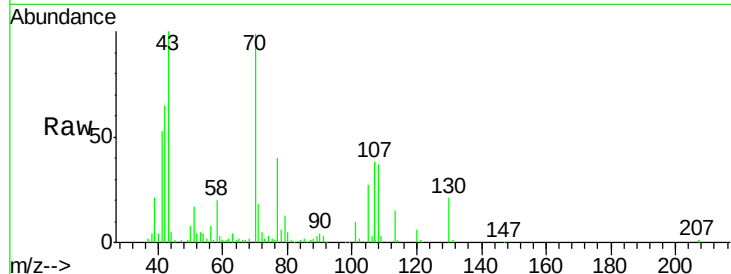
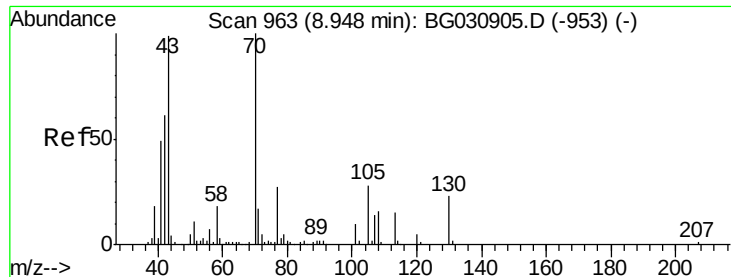
Abundance

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: 36.245 ng

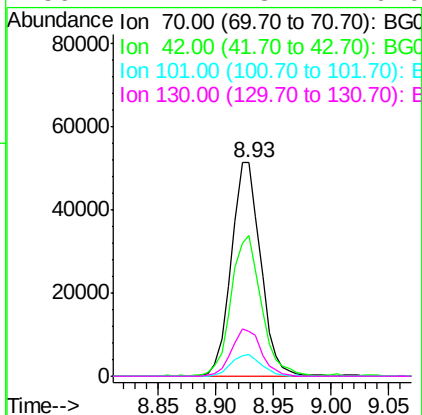
RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.7	49.1	73.7
101	10.2	8.5	12.7
130	21.1	13.4	20.0#



Instrument :

BNA_G

ClientSampleId :

PB104800BS

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#20

3+4-Methylphenols

Concen: 43.693 ng

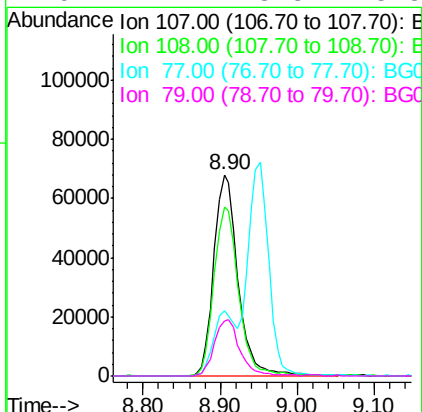
RT: 8.90 min Scan# 956

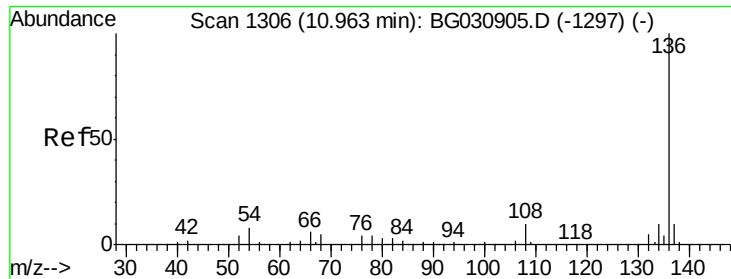
Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	61.6	101.6
77	32.5	13.9	53.9
79	27.7	8.8	48.8





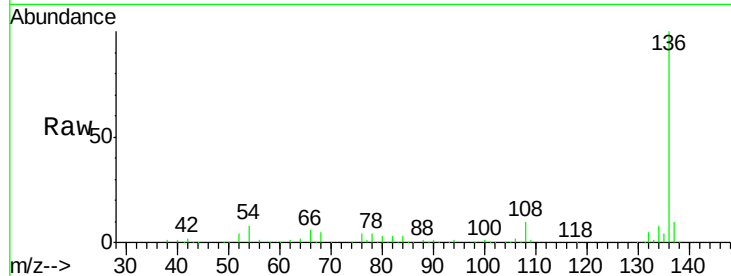
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

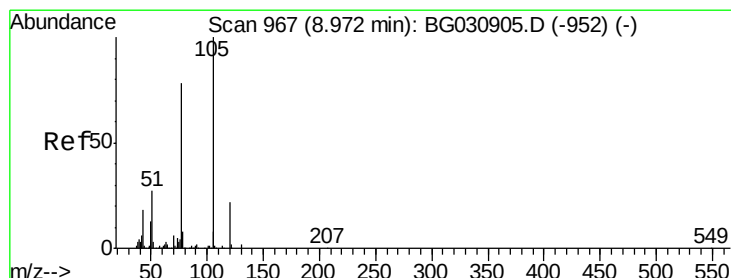
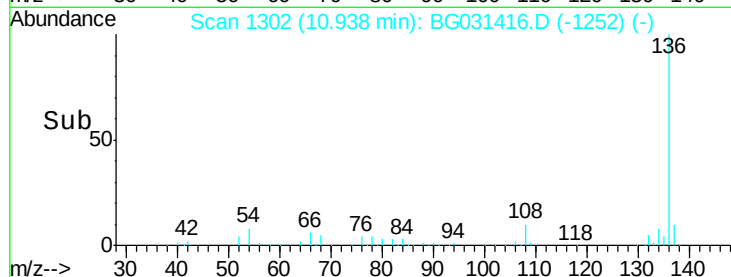
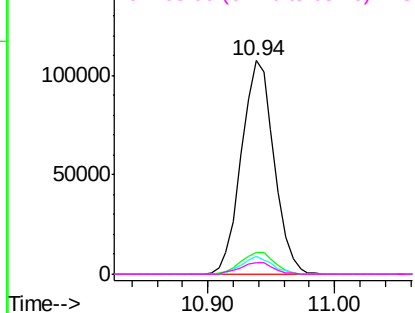
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	191504		
137	10.3	9.2	13.8	
54	8.2	10.3	15.5	
68	5.1	4.5	6.7	

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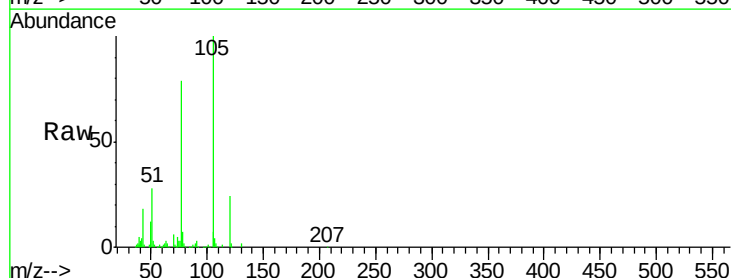


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

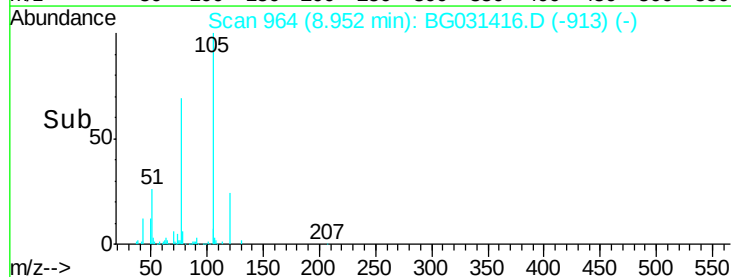
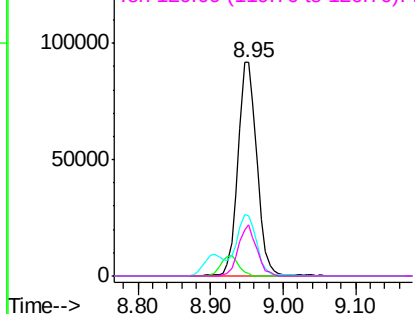


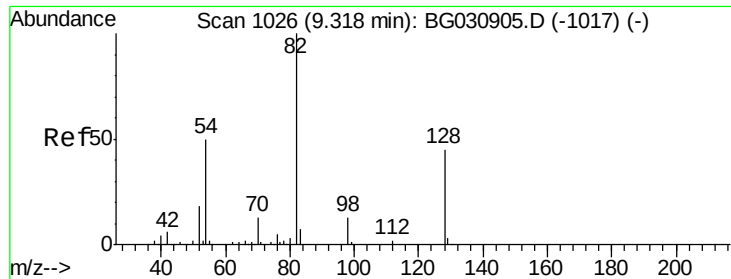
#22
Acetophenone
Concen: 35.155 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167626		
71	1.0	3.0	4.4	
51	27.9	26.1	39.1	
120	24.1	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





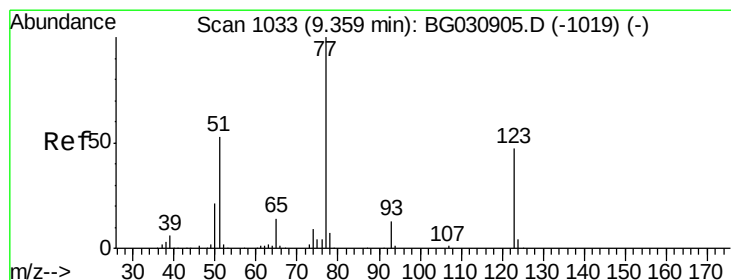
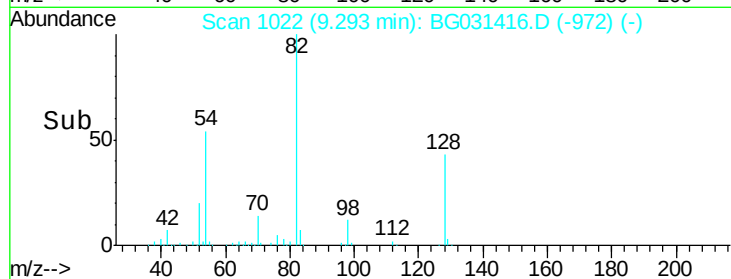
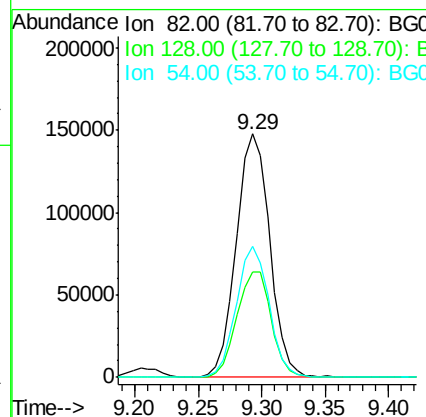
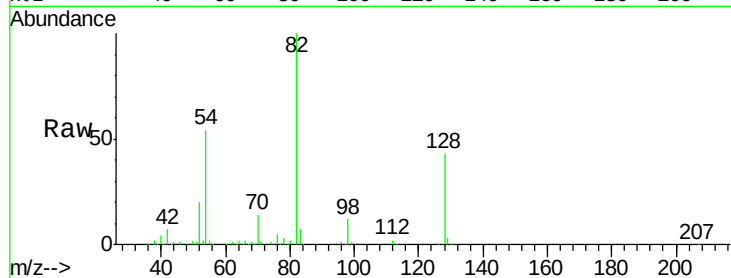
#23
Nitrobenzene-d5
Concen: 83.696 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.4	29.7	44.5
54	53.8	43.1	64.7

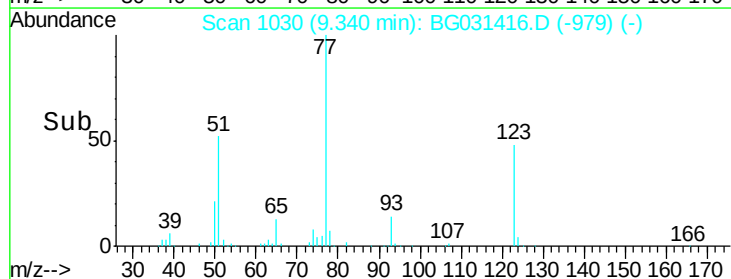
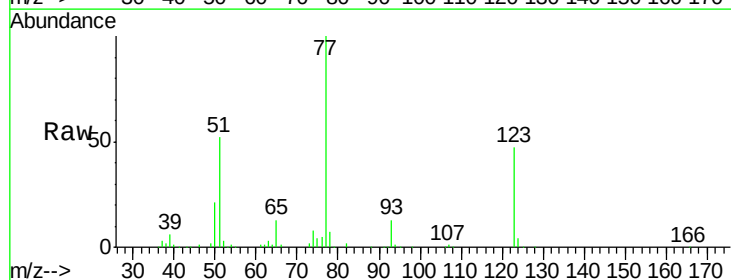
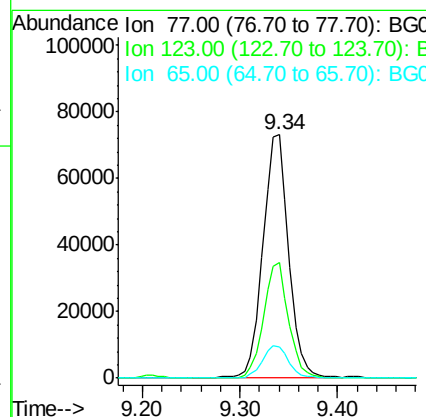
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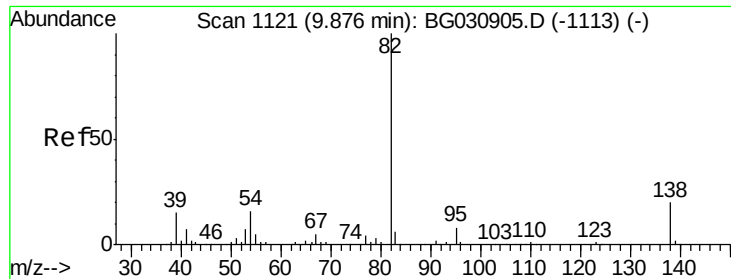
Sohil
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#24
Nitrobenzene
Concen: 40.972 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	47.3	33.0	49.6
65	12.7	13.0	19.6#





#25

Isophorone

Concen: 40.829 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

PB104800BS

Tgt Ion: 82 Resp: 257340

Ion Ratio Lower Upper

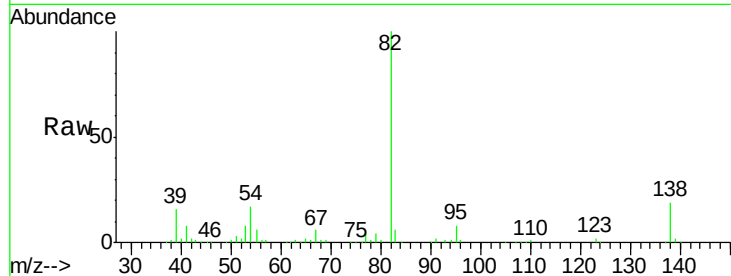
82 100

95 8.5 6.2 9.2

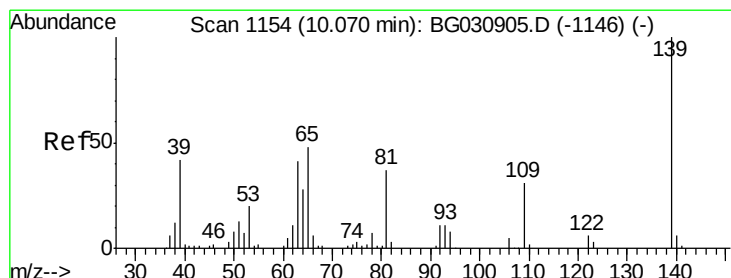
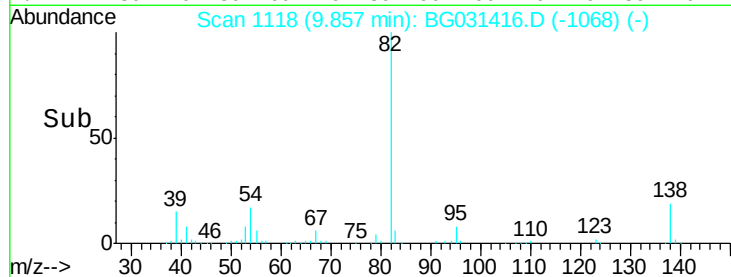
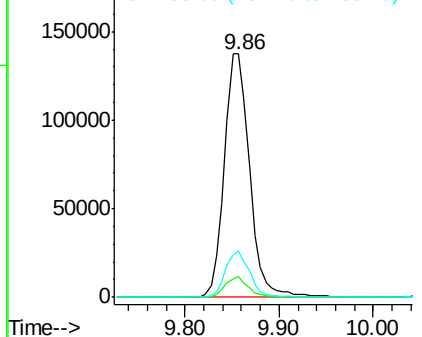
138 18.9 12.1 18.1#

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



#26

2-Nitrophenol

Concen: 40.480 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

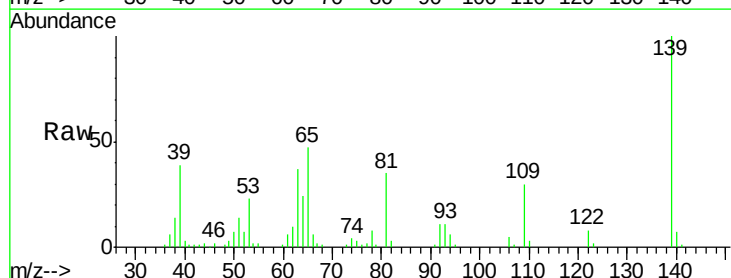
Tgt Ion: 139 Resp: 69657

Ion Ratio Lower Upper

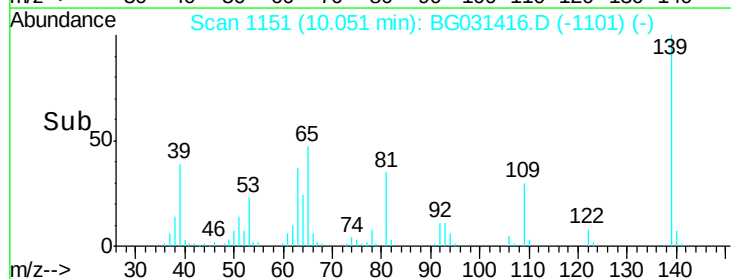
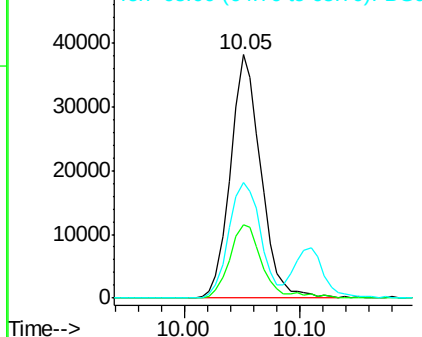
139 100

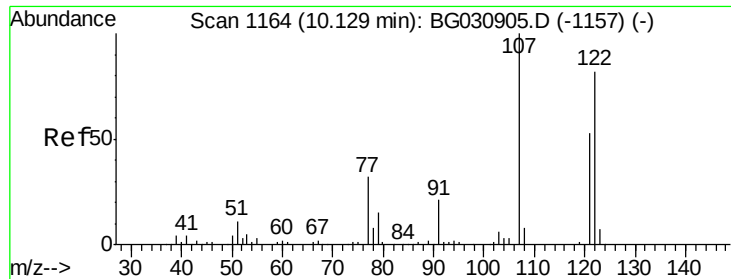
109 30.0 24.2 36.2

65 47.3 47.4 71.0#



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





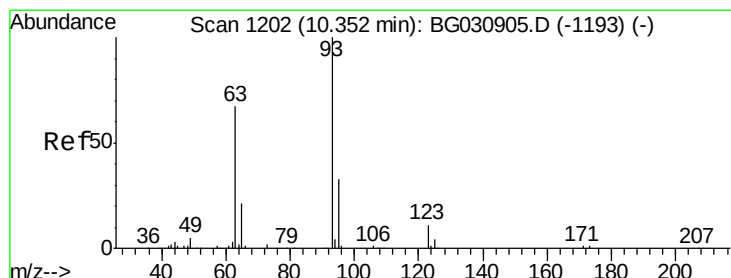
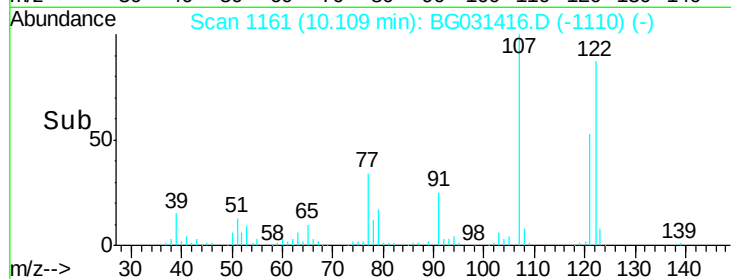
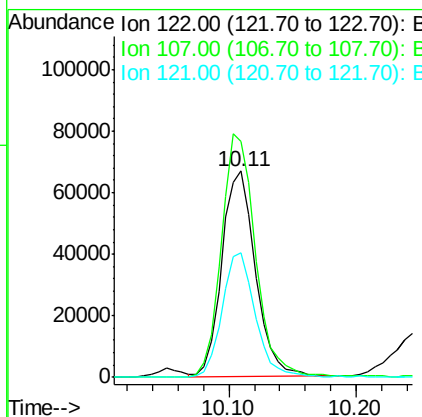
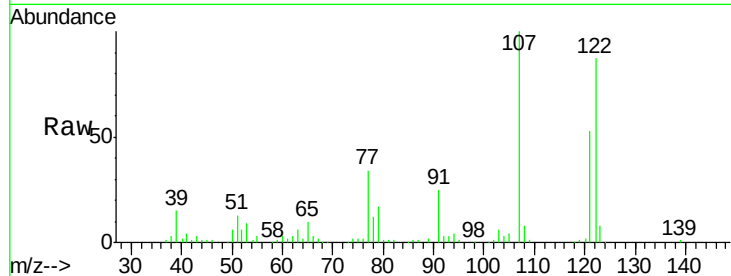
#27
 2,4-Dimethylphenol
 Concen: 47.905 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	122381		
107	114.6	100.2	150.2	
121	60.3	44.4	66.6	

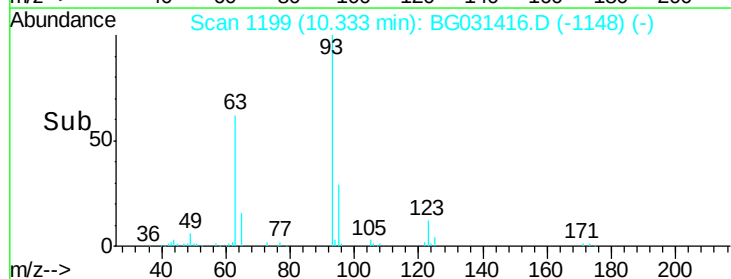
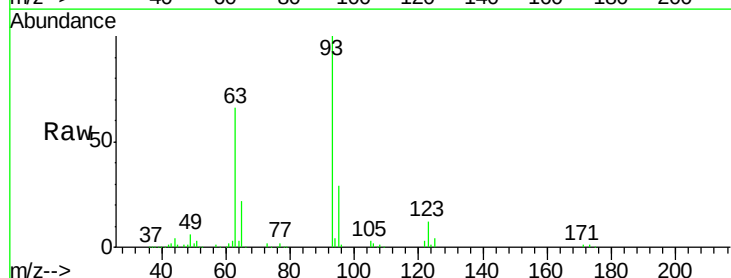
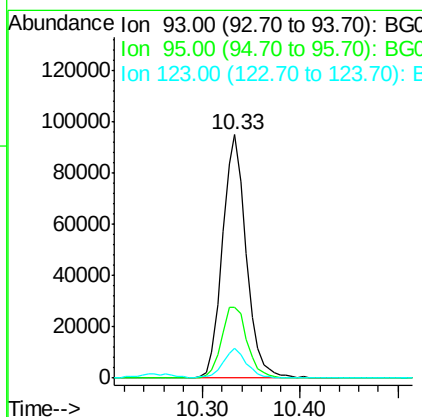
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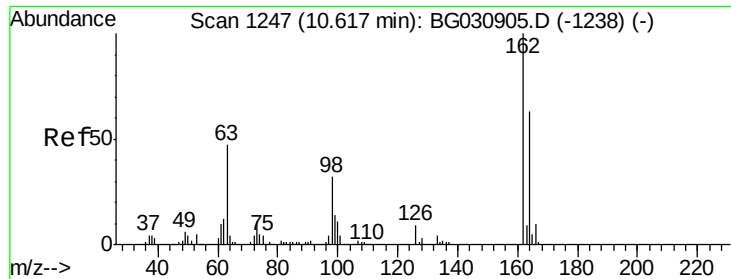
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.277 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	159888		
95	29.2	24.3	36.5	
123	12.3	8.4	12.6	





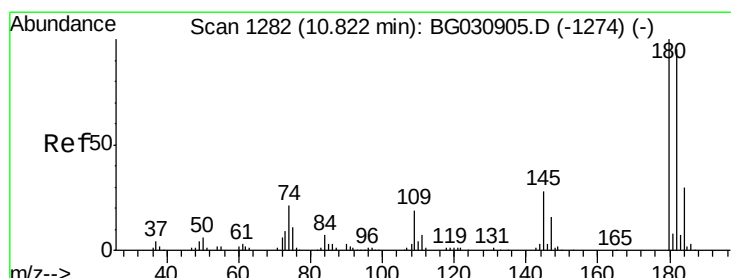
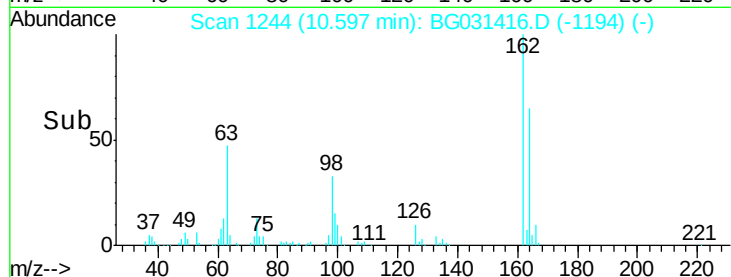
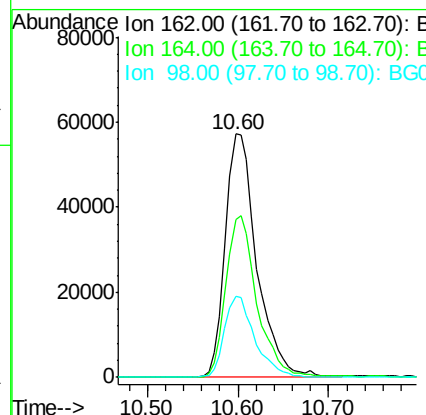
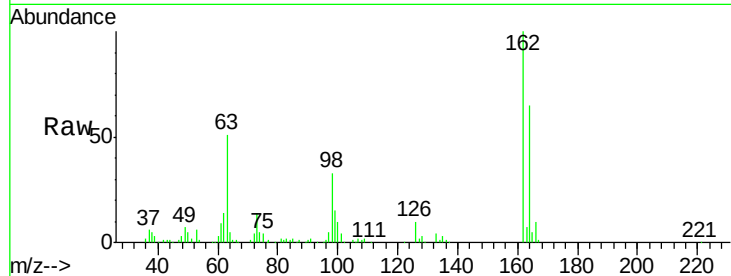
#29
2,4-Dichlorophenol
Concen: 45.050 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	138199		
164	65.1	48.0	88.0	
98	33.0	21.1	61.1	

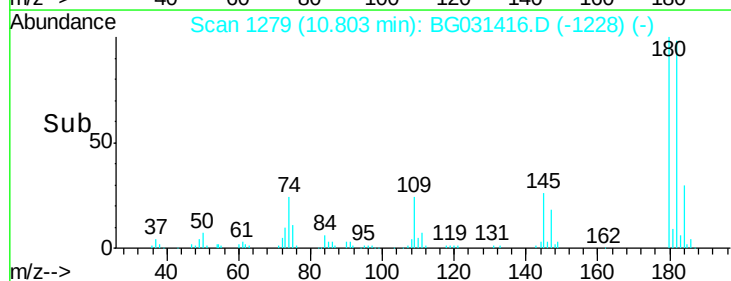
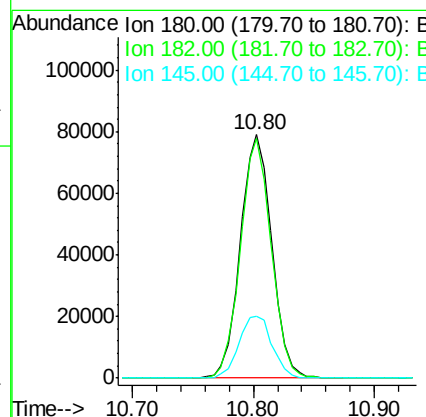
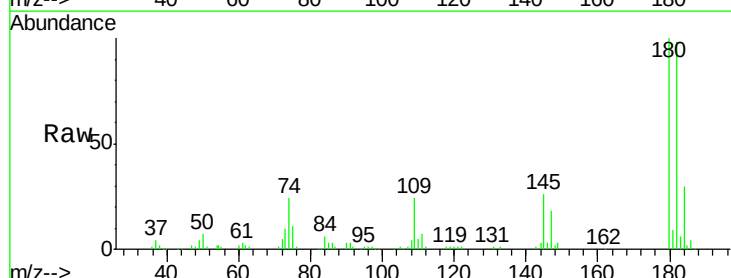
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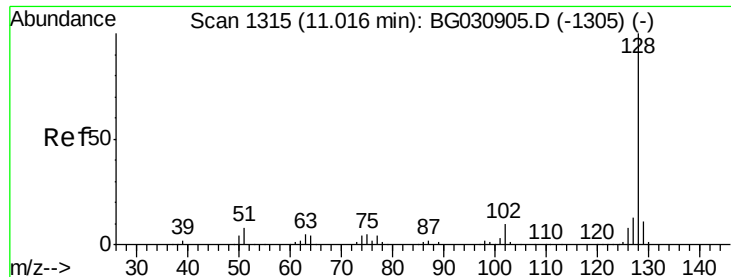
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.084 ng
RT: 10.80 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	143145		
182	98.3	77.5	116.3	
145	25.6	23.4	35.2	





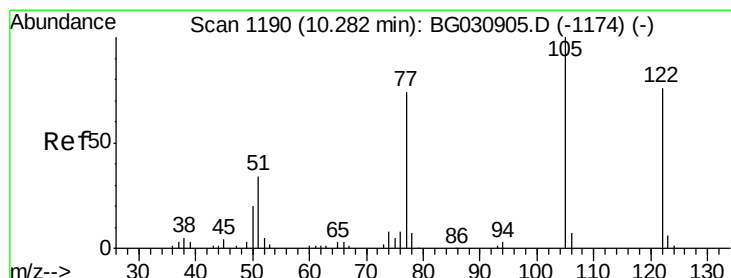
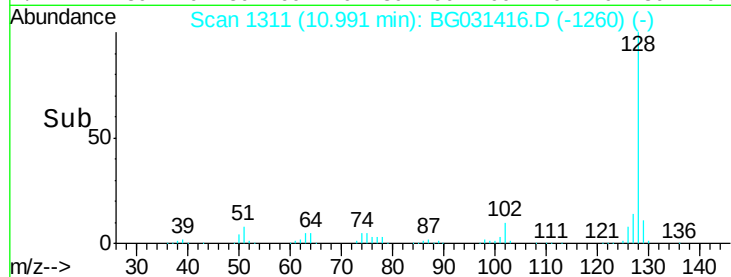
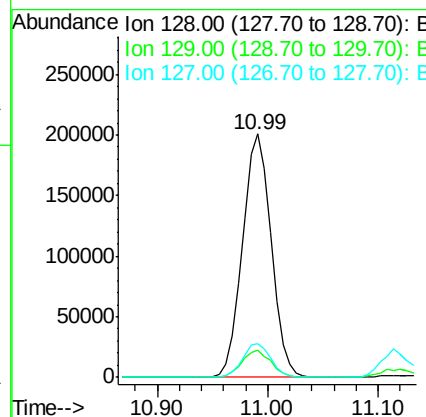
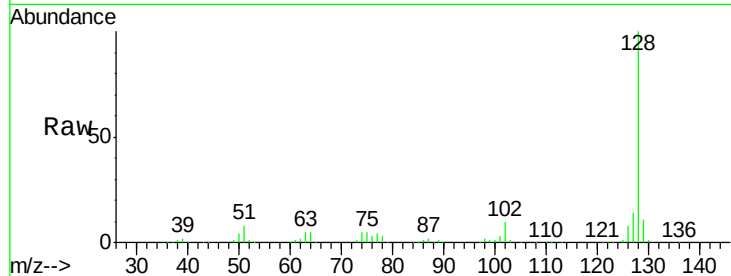
#31
Naphthalene
Concen: 39.019 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	367332		
129	11.0	8.6	12.8	
127	13.8	11.6	17.4	

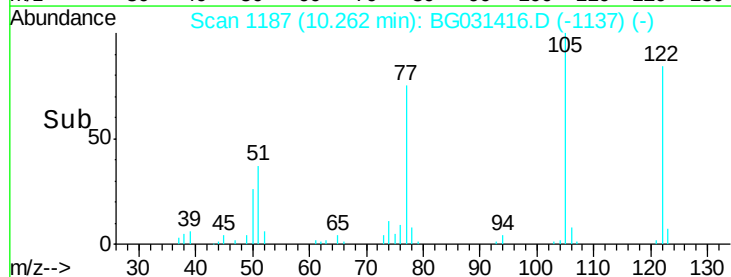
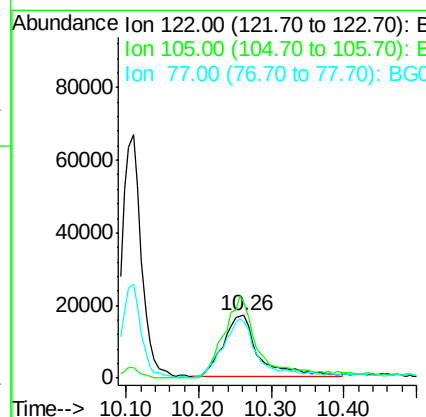
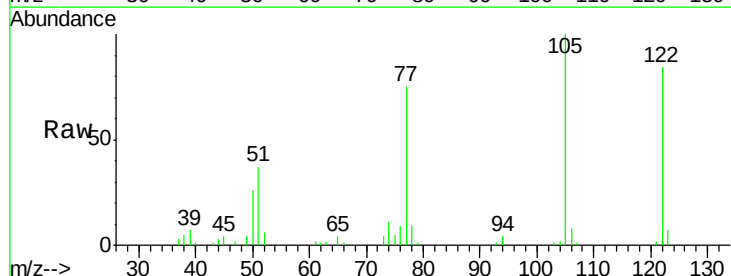
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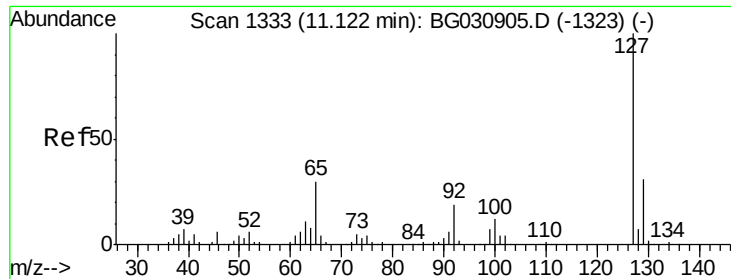
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#32
Benzoic acid
Concen: 29.265 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56938		
105	119.7	123.5	163.5#	
77	89.5	85.7	125.7	





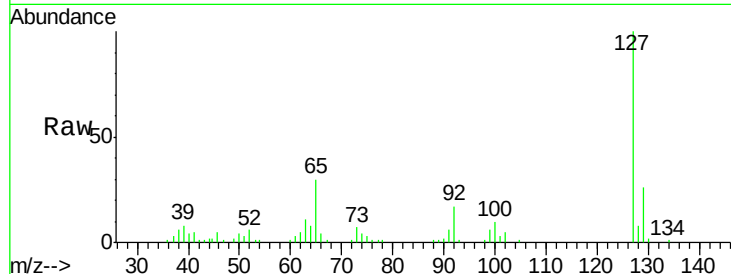
#33
4-Chloroaniline
Concen: 10.821 ng
RT: 11.11 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

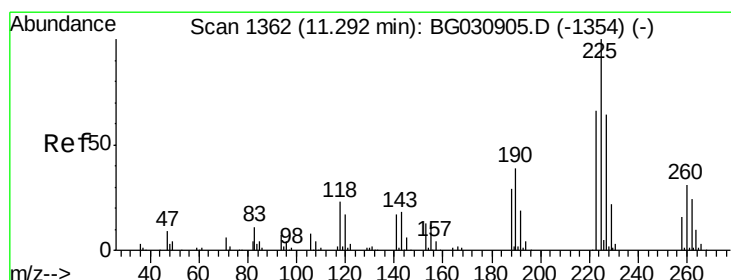
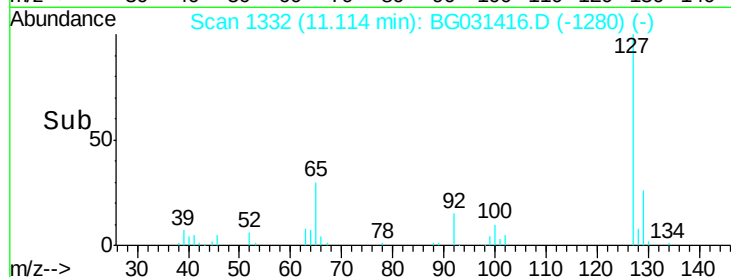
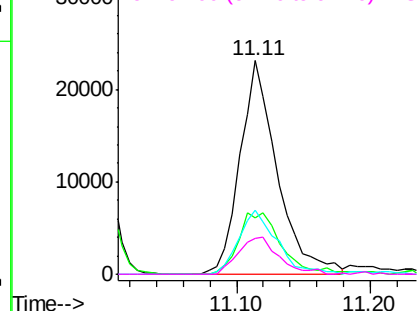
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	44595		
129	26.3	24.0	36.0	
65	29.8	27.0	40.4	
92	16.8	16.6	25.0	

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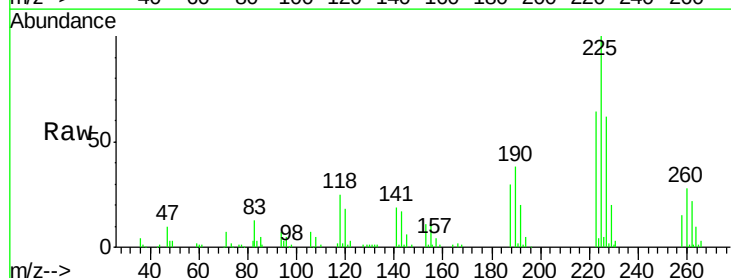


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

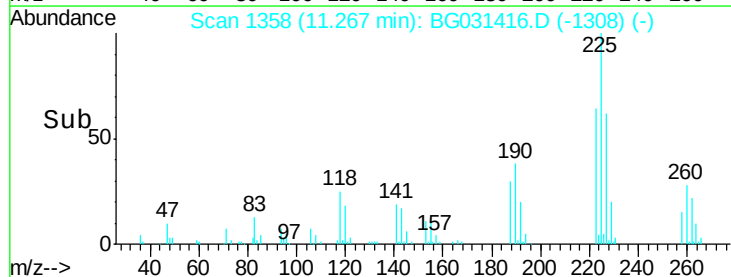
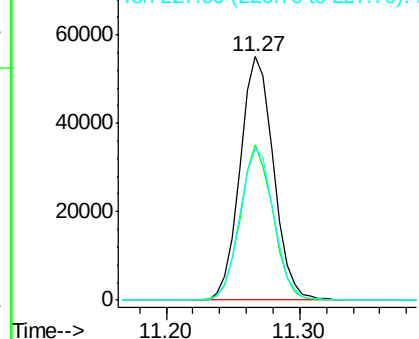


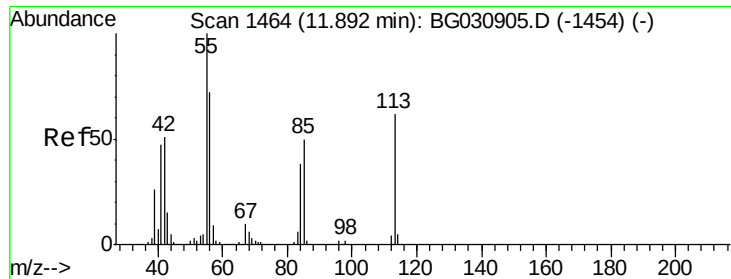
#34
Hexachlorobutadiene
Concen: 37.637 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95598		
223	63.8	49.7	74.5	
227	62.2	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: 46.196 ng m

RT: 11.87 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

PB104800BS

Tgt Ion:113 Resp: 57891

Ion Ratio Lower Upper

113 100

55 174.8 186.9 226.9#

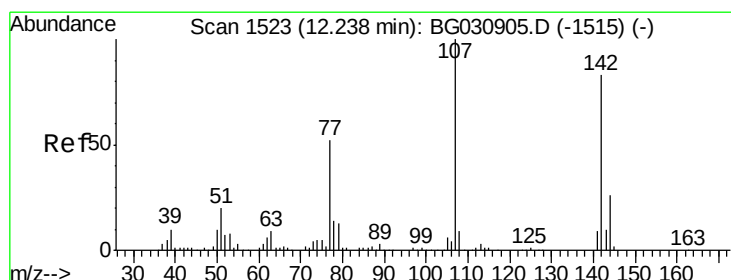
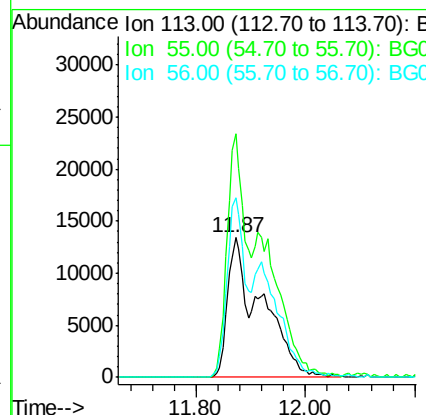
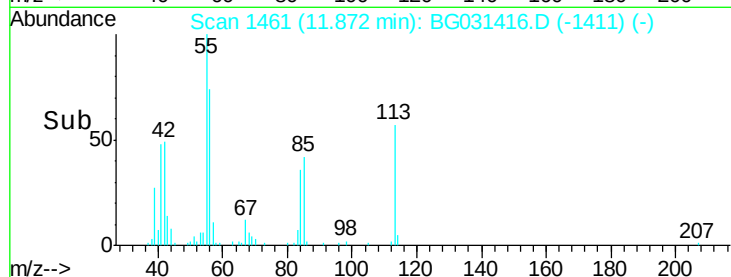
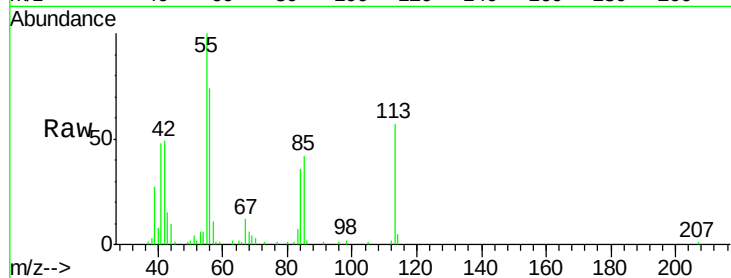
56 128.8 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 45.127 ng

RT: 12.22 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

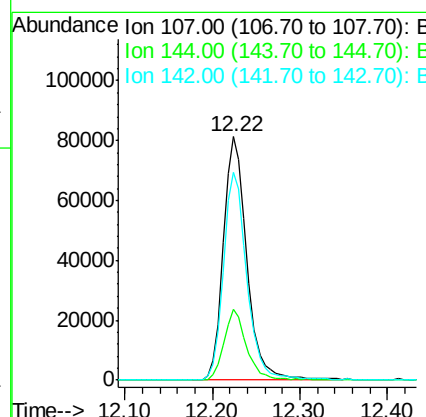
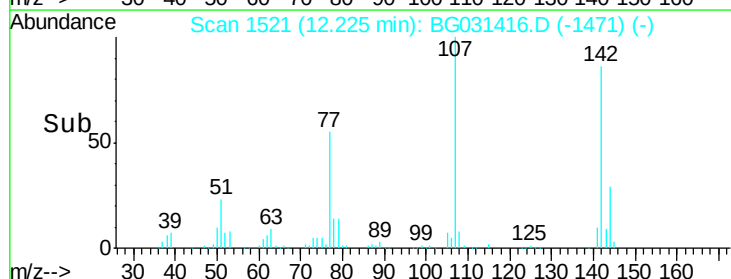
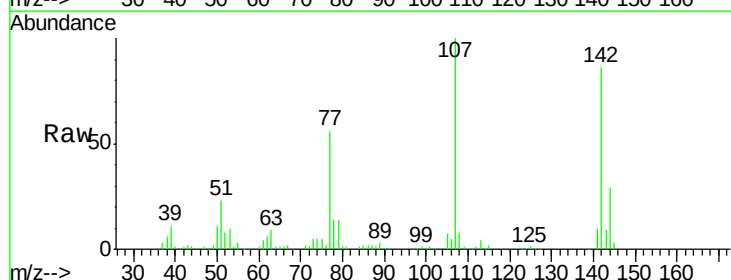
Tgt Ion:107 Resp: 150669

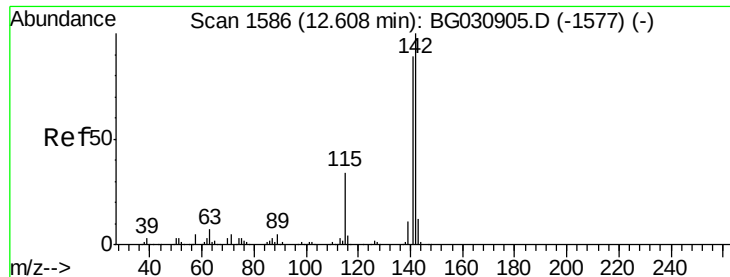
Ion Ratio Lower Upper

107 100

144 29.1 18.2 27.4#

142 85.5 59.0 88.4





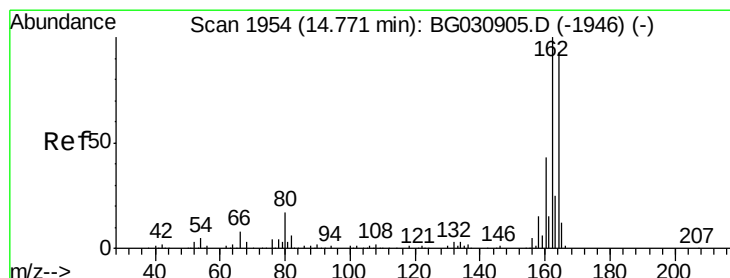
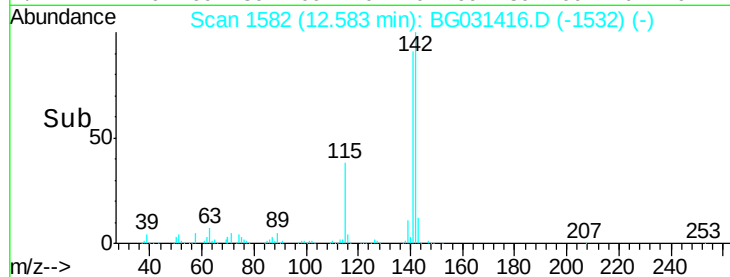
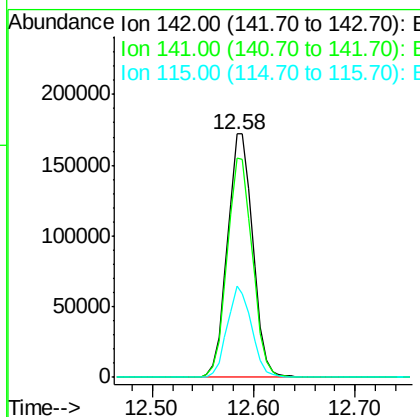
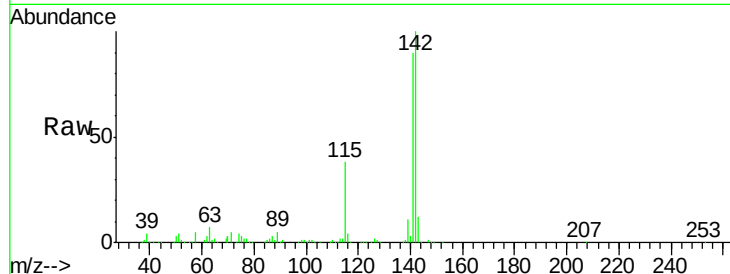
#37
 2-Methylnaphthalene
 Concen: 41.179 ng
 RT: 12.58 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	299264		
141	90.3	67.1	100.7	
115	37.6	30.7	46.1	

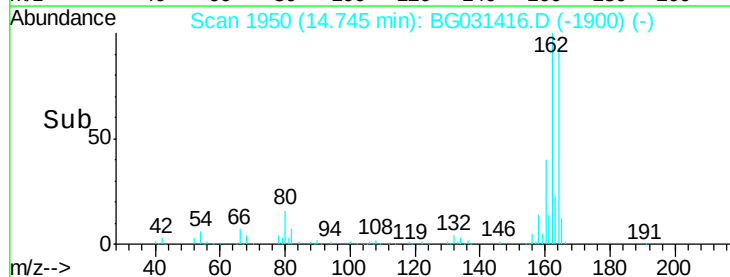
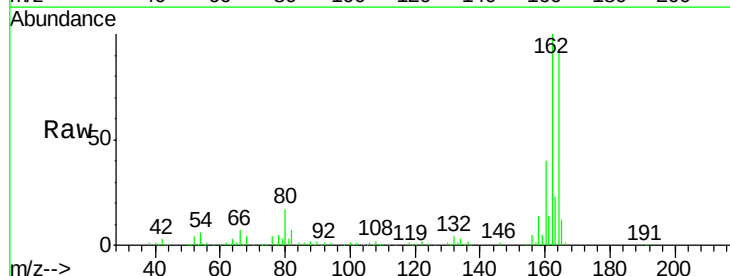
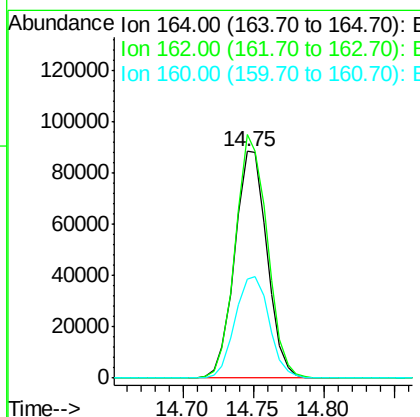
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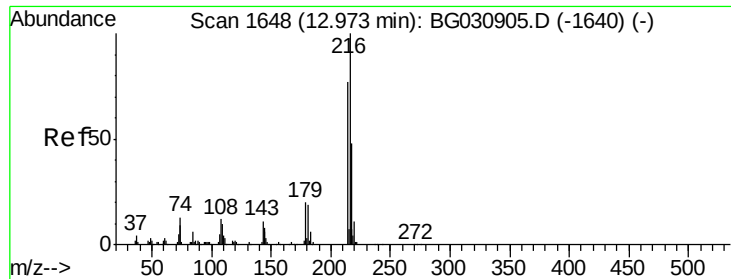
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141242		
162	107.5	78.8	118.2	
160	43.5	35.4	53.0	





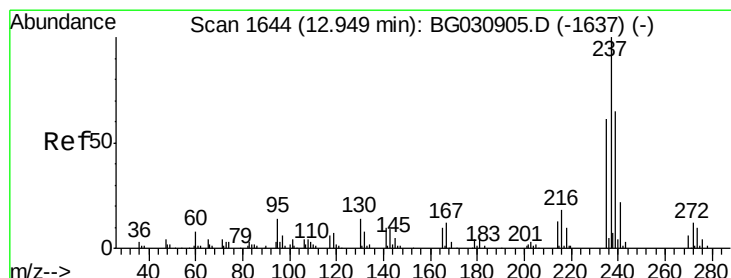
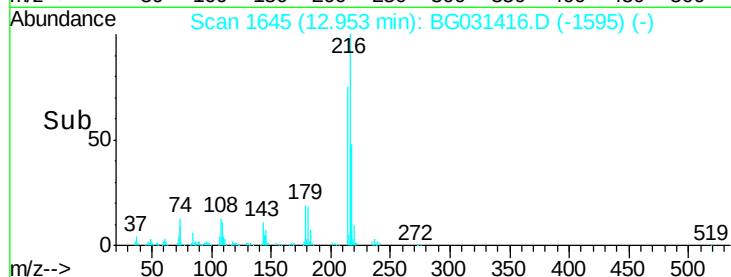
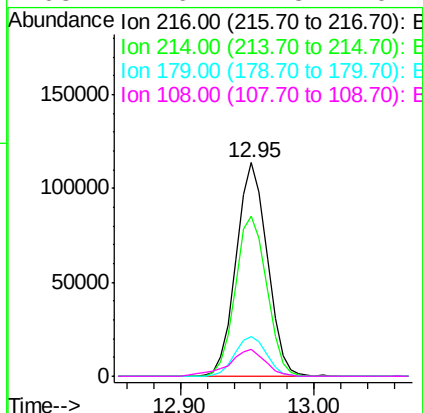
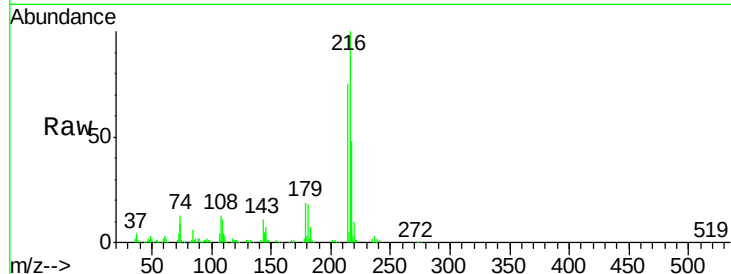
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.788 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	183804		
214	75.7	63.0	94.4	
179	18.8	17.0	25.6	
108	14.6	12.8	19.2	

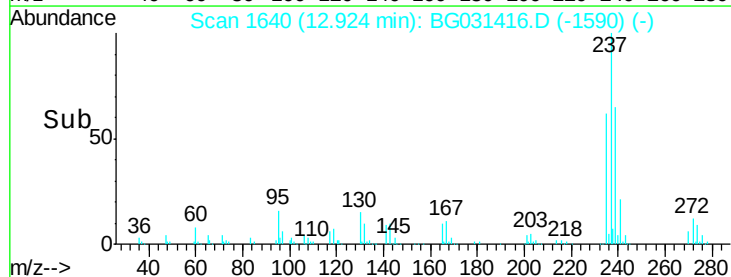
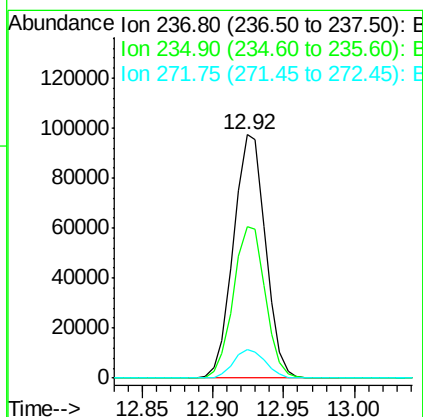
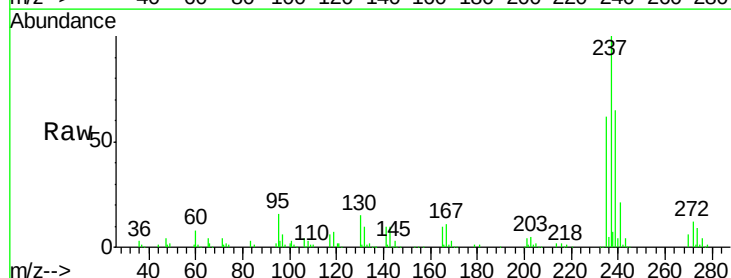
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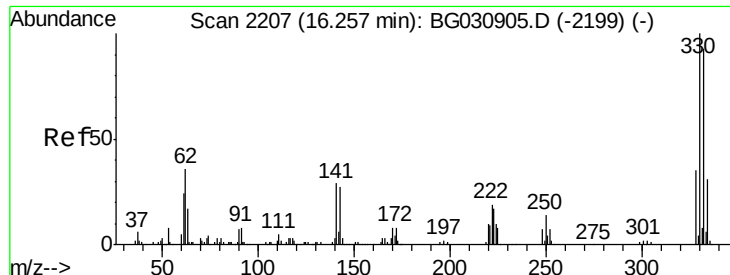
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#40
 Hexachlorocyclopentadiene
 Concen: 75.044 ng
 RT: 12.92 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	154009		
235	62.1	50.4	90.4	
272	11.7	0.0	31.8	





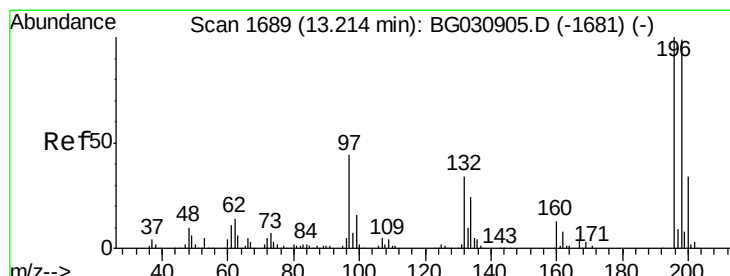
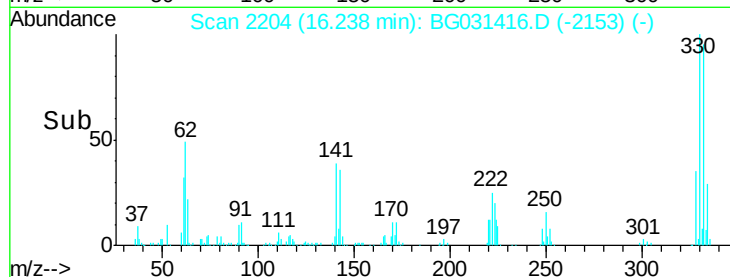
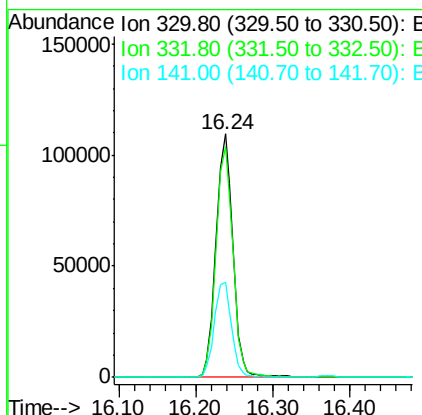
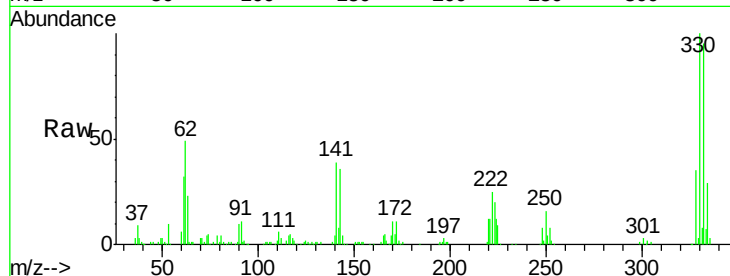
#41
 2,4,6-Tribromophenol
 Concen: 72.304 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampled :
 PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	165202		
332	95.0	77.0	115.6	
141	40.2	25.2	37.8#	

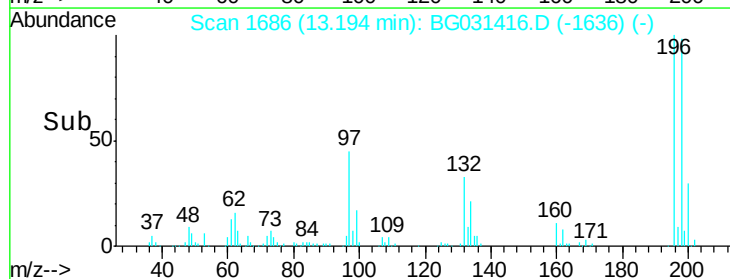
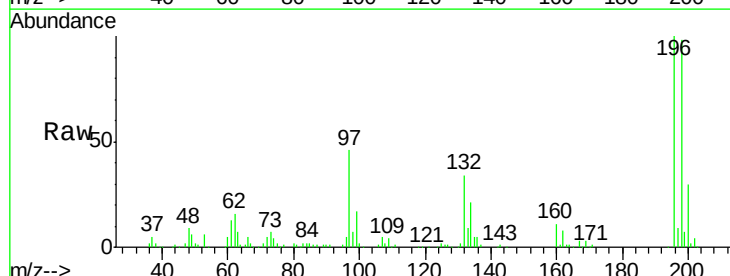
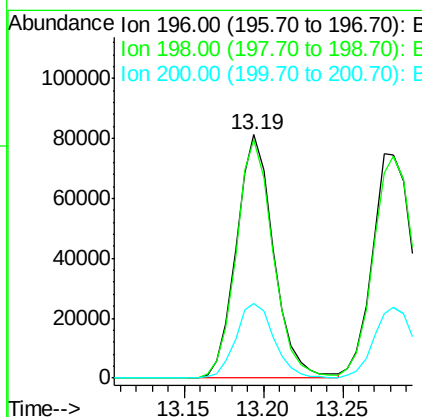
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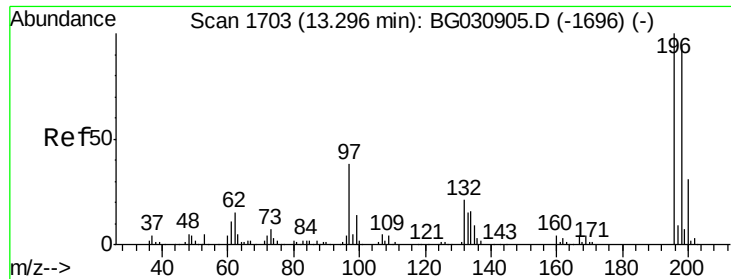
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#42
 2,4,6-Trichlorophenol
 Concen: 41.282 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	132296		
198	97.7	78.2	117.2	
200	30.5	24.6	36.8	





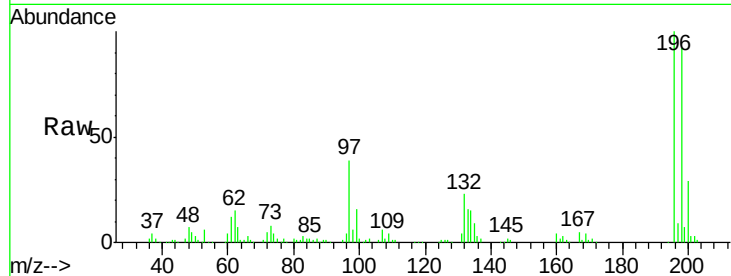
#43
 2,4,5-Trichlorophenol
 Concen: 40.679 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt	Ion	Resp	Lower	Upper
196	100			
198	91.6	76.2	114.4	
97	38.9	38.7	58.1	
132	23.2	20.2	30.2	

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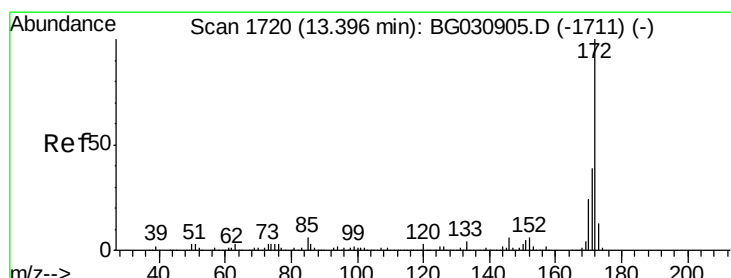
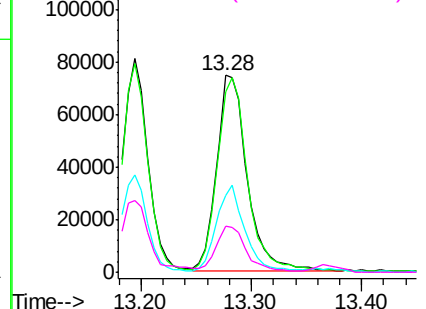
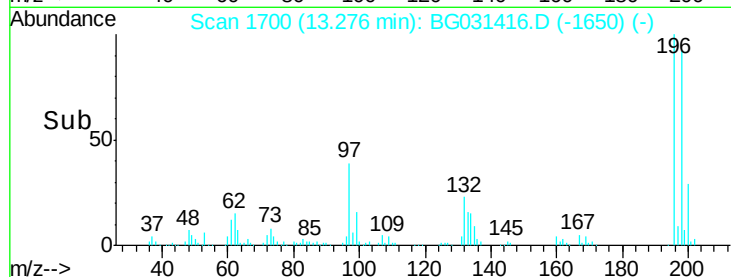
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

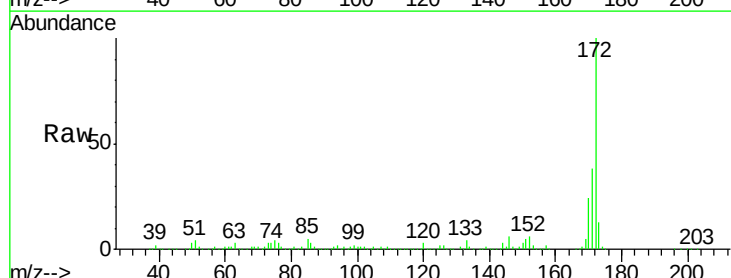
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.746 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt	Ion	Resp	Lower	Upper
172	100			
171	37.8	30.0	45.0	
170	24.1	19.5	29.3	

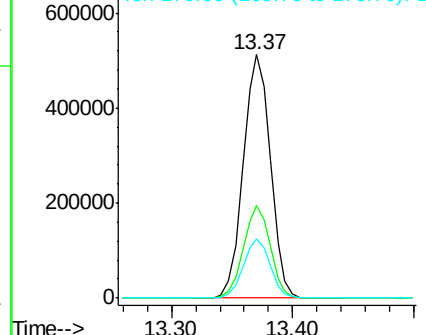
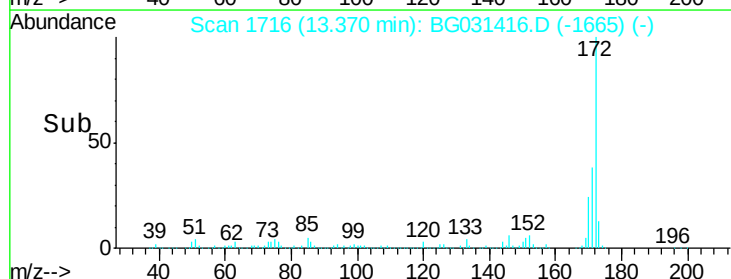


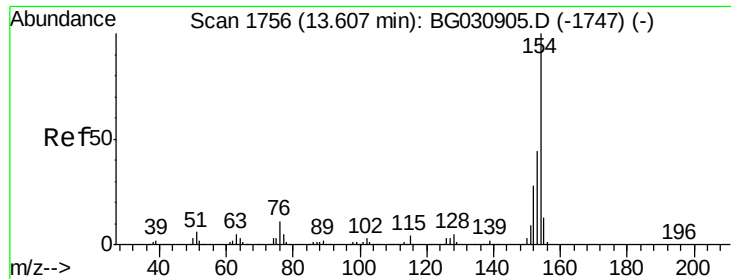
Abundance

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





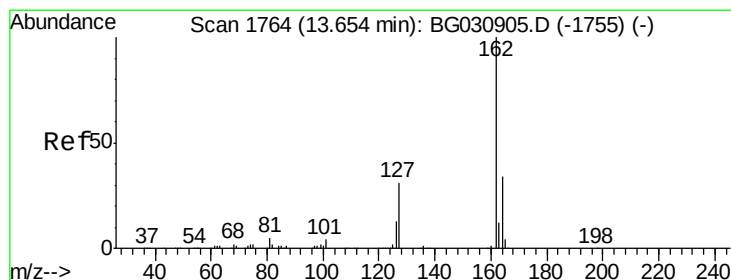
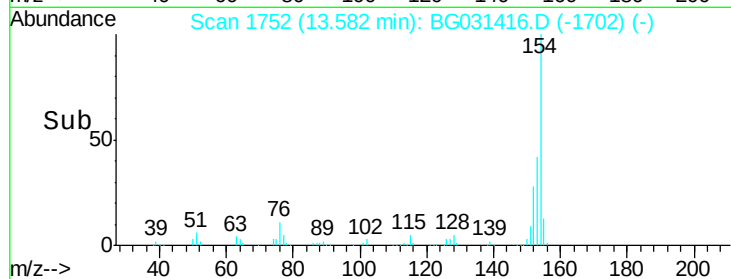
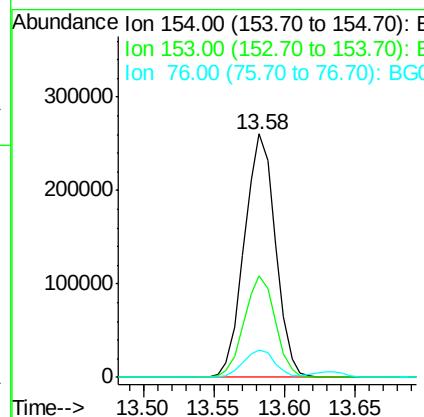
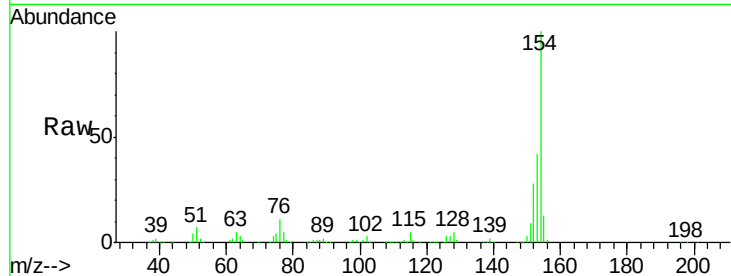
#45
 1,1'-Biphenyl
 Concen: 34.362 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt Ion:	154	Resp:	402461
Ion Ratio	Lower	Upper	
154	100		
153	41.9	19.8	59.8
76	11.4	0.0	31.9

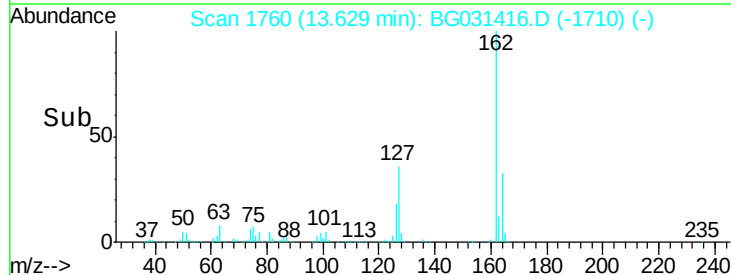
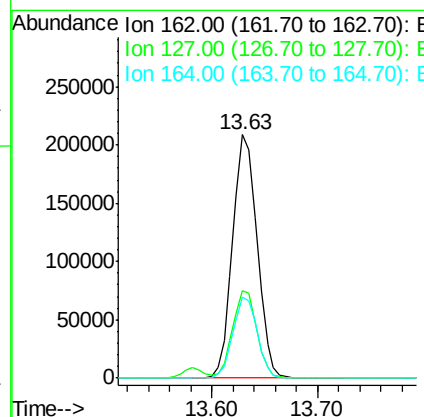
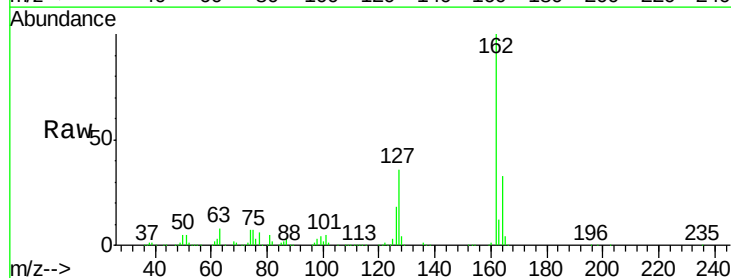
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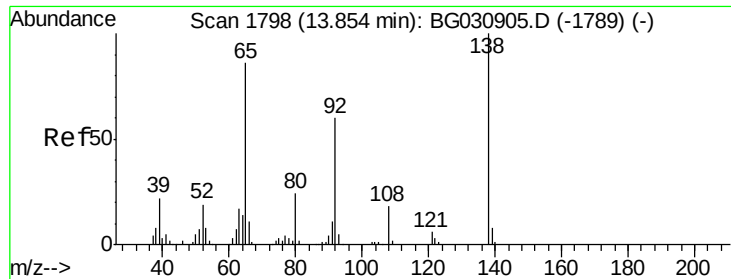
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#46
 2-Chloronaphthalene
 Concen: 39.608 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:	162	Resp:	334707
Ion Ratio	Lower	Upper	
162	100		
127	35.8	30.7	46.1
164	33.4	26.0	39.0





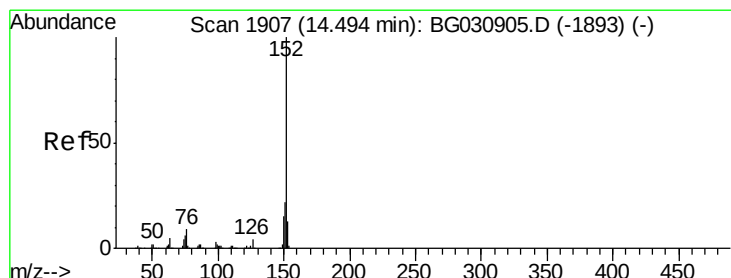
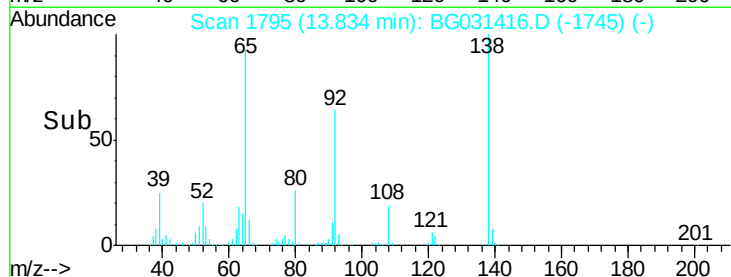
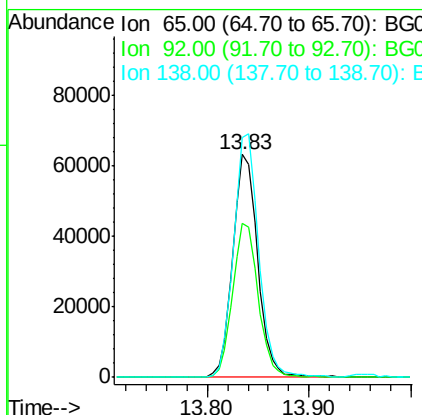
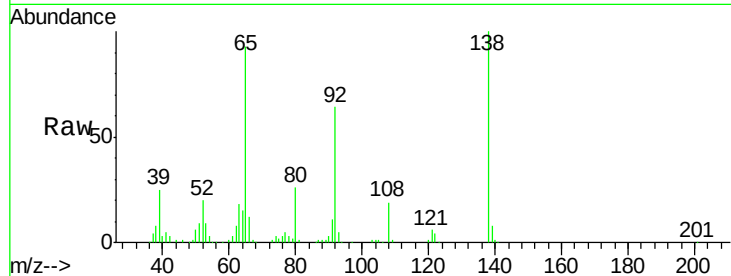
#47
2-Nitroaniline
Concen: 43.447 ng
RT: 13.83 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	108820		
92	69.3	54.6	82.0	
138	107.8	72.9	109.3	

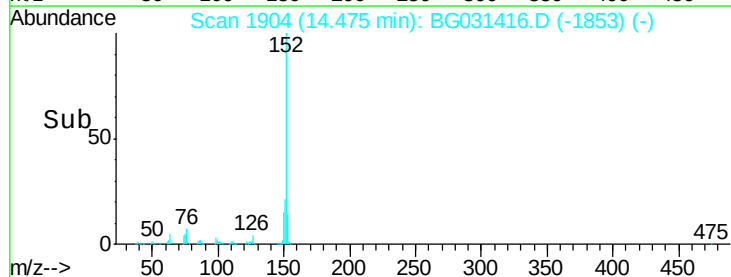
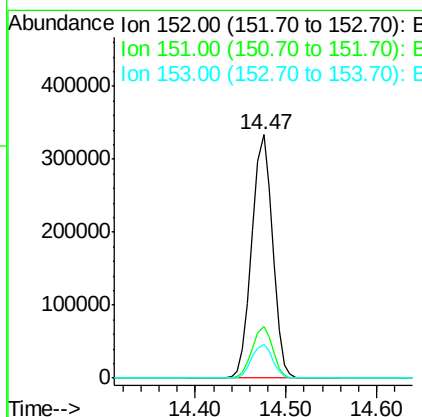
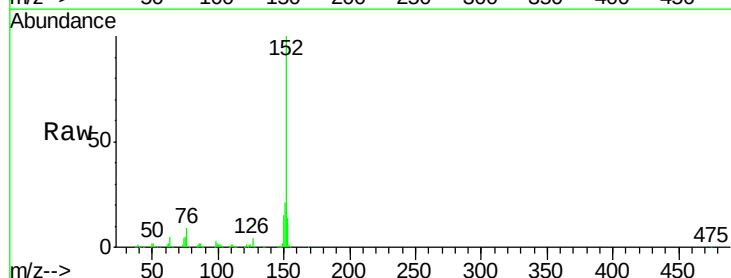
Manual Integrations
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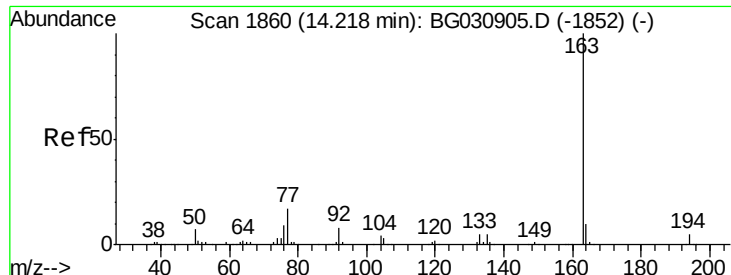
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#48
Acenaphthylene
Concen: 38.224 ng
RT: 14.47 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	528675		
151	21.0	17.2	25.8	
153	13.9	10.2	15.4	





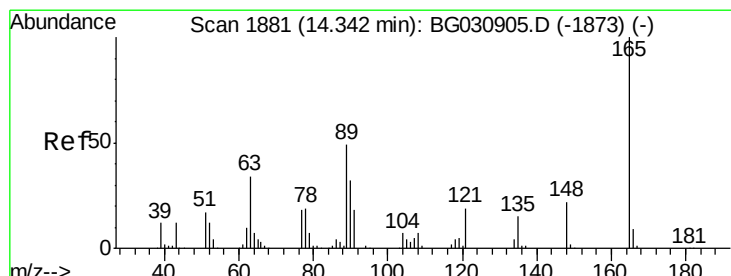
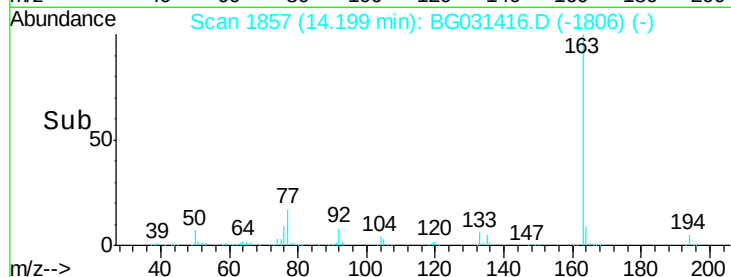
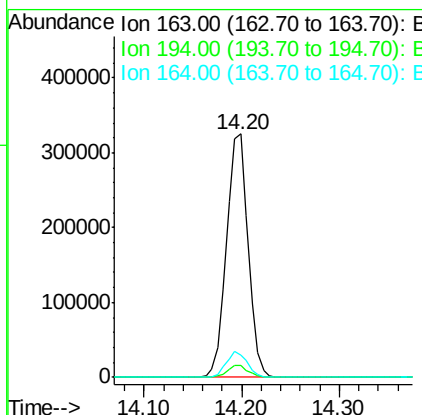
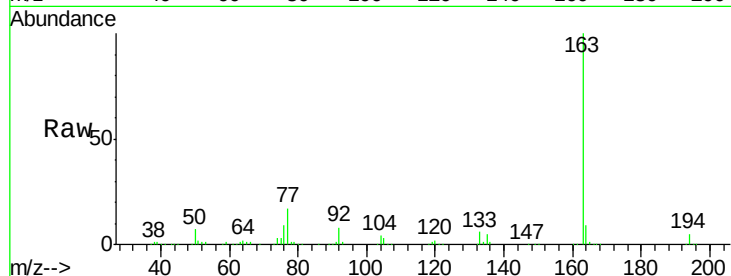
#49
Dimethylphthalate
Concen: 40.739 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	497524		
194	4.8	3.4	5.2	
164	9.4	8.2	12.4	

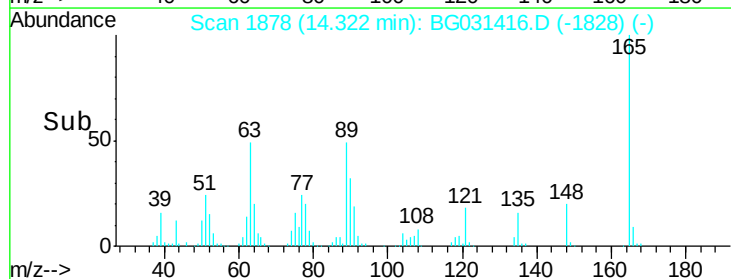
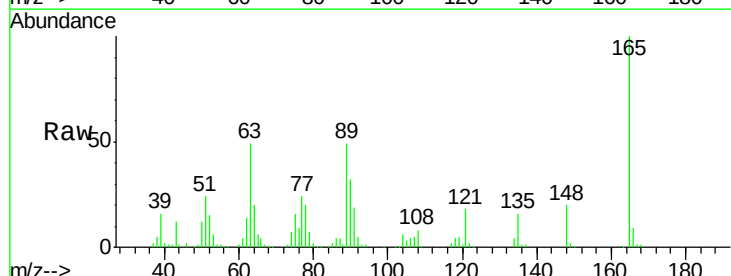
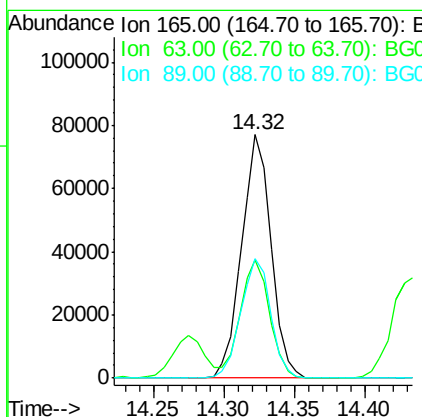
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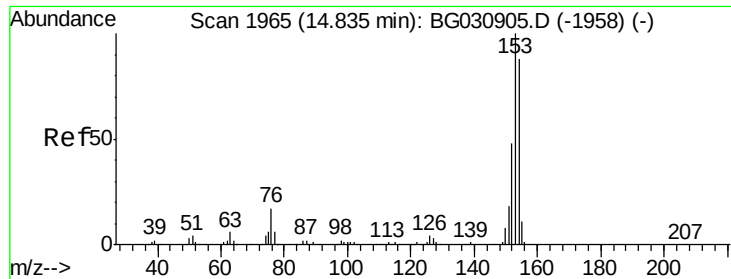
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#50
2,6-Dinitrotoluene
Concen: 44.611 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112293		
63	48.8	52.7	79.1#	
89	48.8	49.2	73.8#	





#51

Acenaphthene

Concen: 38.609 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

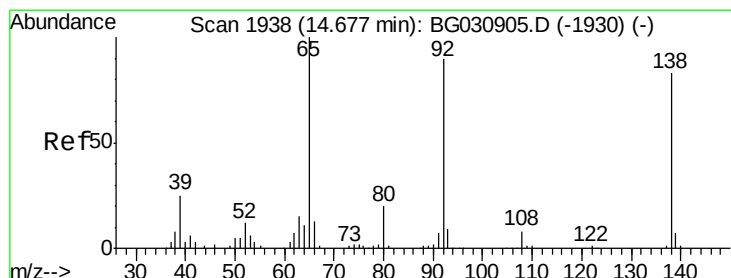
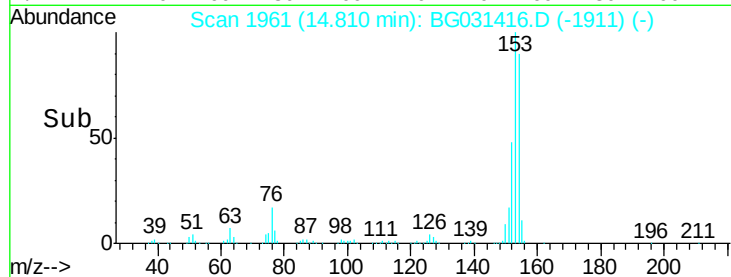
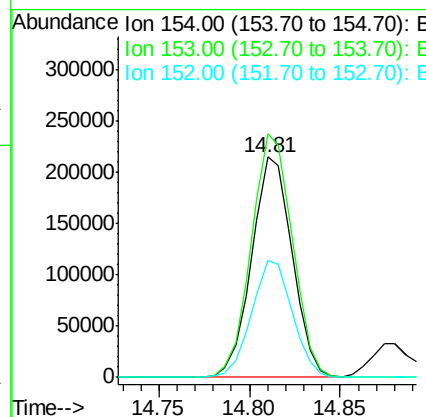
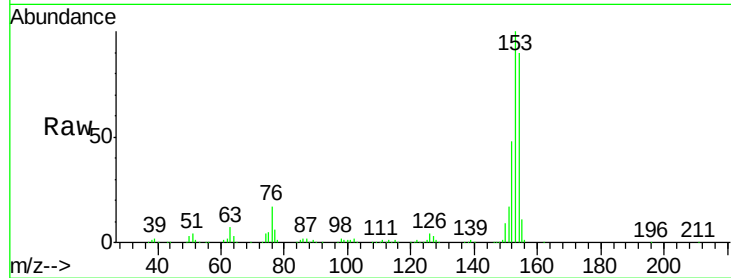
ClientSampleId :

PB104800BS

Tgt Ion:	154	Resp:	333499
Ion Ratio	Lower	Upper	
154	100		
153	110.7	90.4	135.6
152	53.2	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 11.576 ng

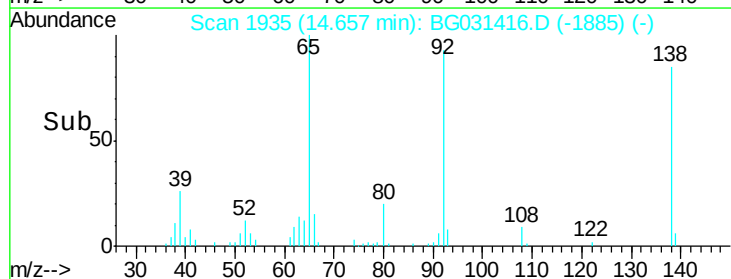
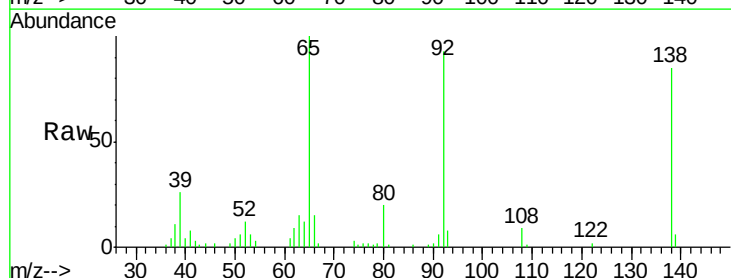
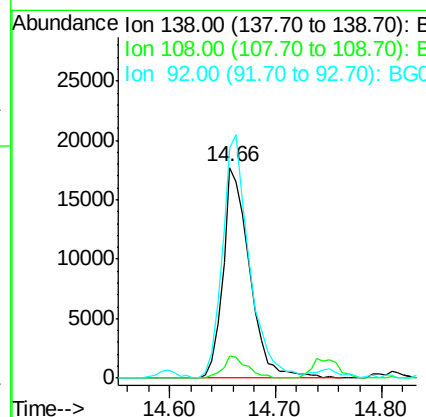
RT: 14.66 min Scan# 1935

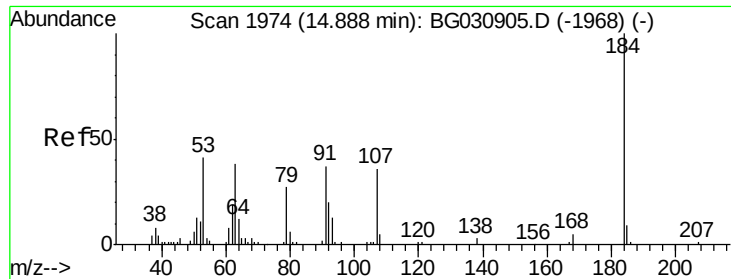
Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

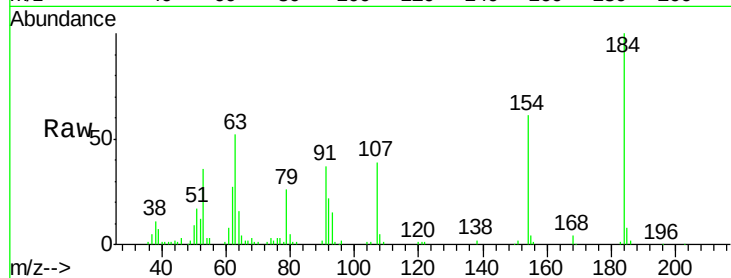
Tgt Ion:	138	Resp:	30940
Ion Ratio	Lower	Upper	
138	100		
108	10.3	17.5	26.3#
92	109.1	105.8	158.8





#53
2,4-Dinitrophenol
Concen: 76.654 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

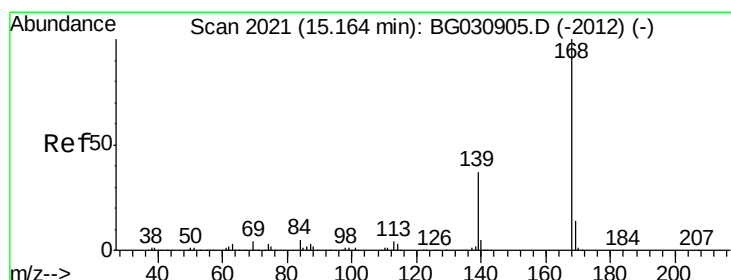
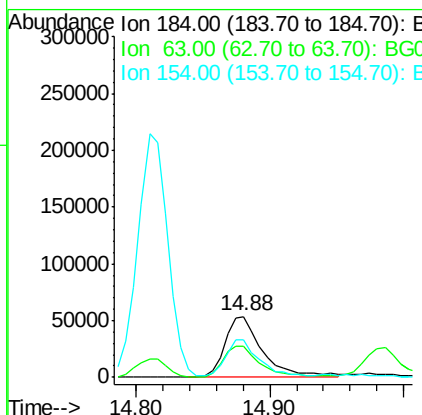
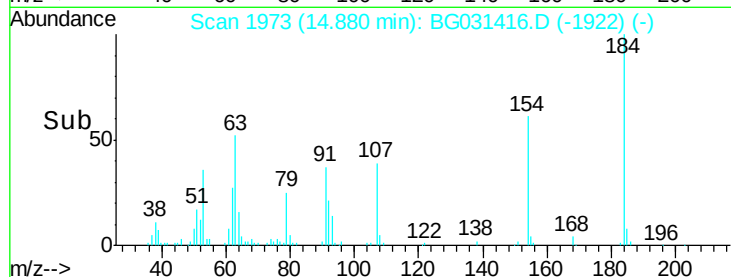
Instrument :
BNA_G
ClientSampleId :
PB104800BS



Tgt Ion:184 Resp: 105784
Ion Ratio Lower Upper
184 100
63 52.2 59.8 89.8#
154 61.4 101.8 152.8#

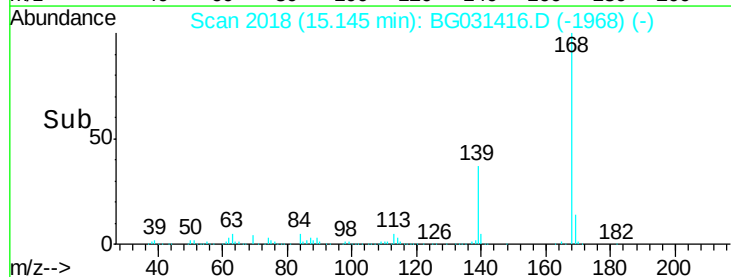
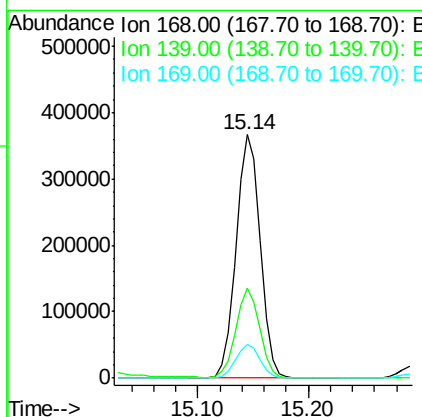
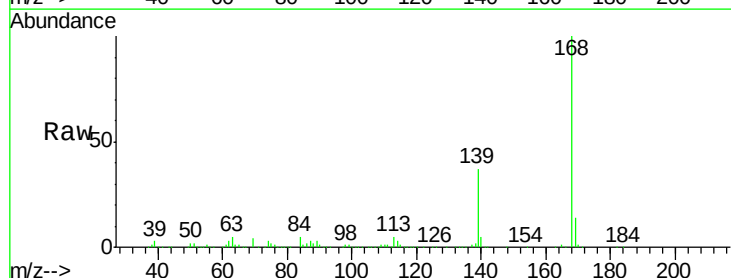
Manual Integrations
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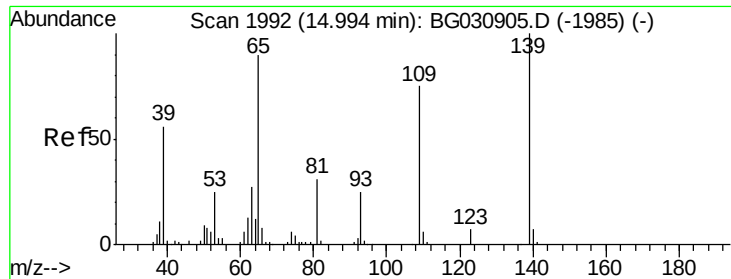
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#54
Dibenzofuran
Concen: 40.831 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:168 Resp: 561780
Ion Ratio Lower Upper
168 100
139 37.1 28.6 43.0
169 13.9 11.2 16.8





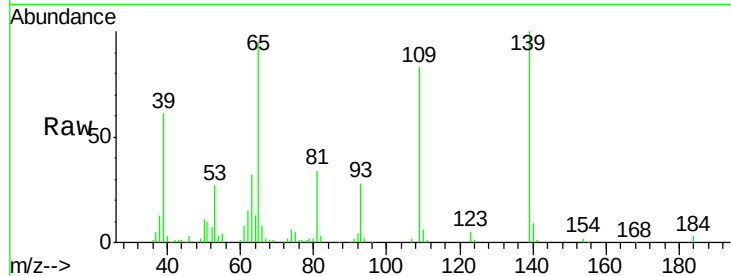
#55
4-Nitrophenol
Concen: 86.833 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

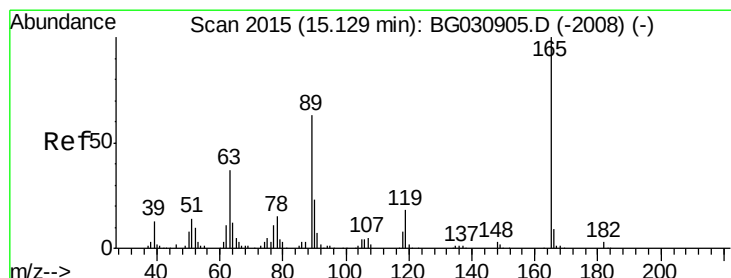
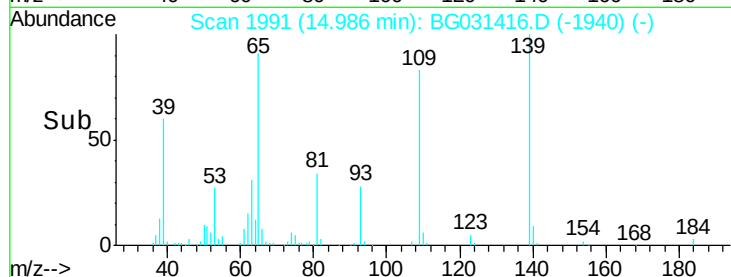
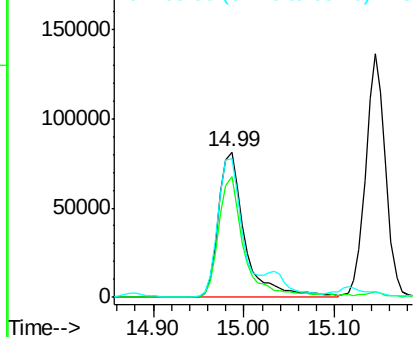
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	165322		
109	82.6	62.2	102.2	
65	95.4	97.2	137.2#	

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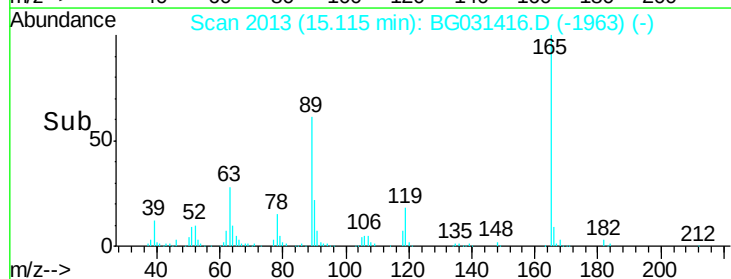
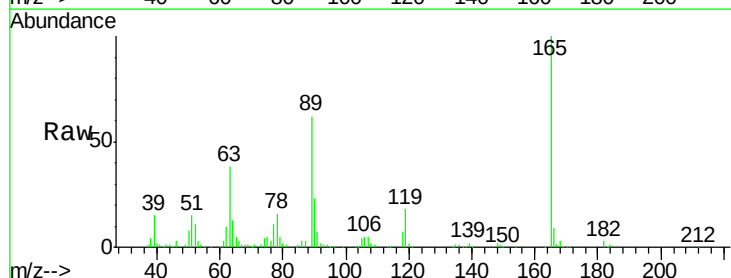
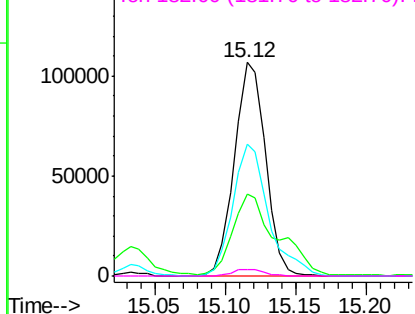
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

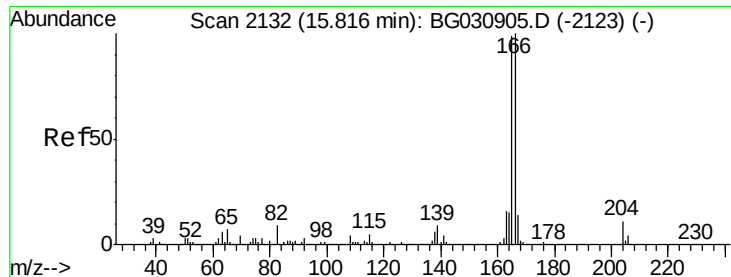


#56
2,4-Dinitrotoluene
Concen: 45.423 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165293		
63	38.3	42.0	63.0#	
89	61.7	66.9	100.3#	
182	3.0	2.6	3.8	

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





#57

Fluorene

Concen: 40.934 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

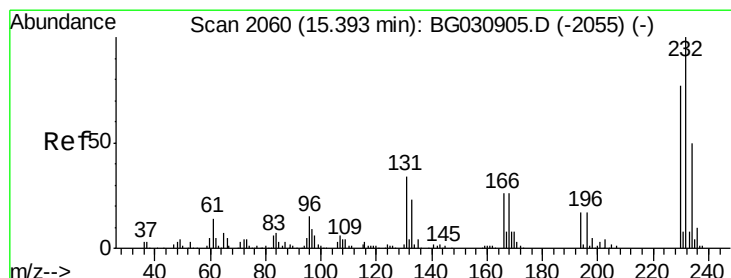
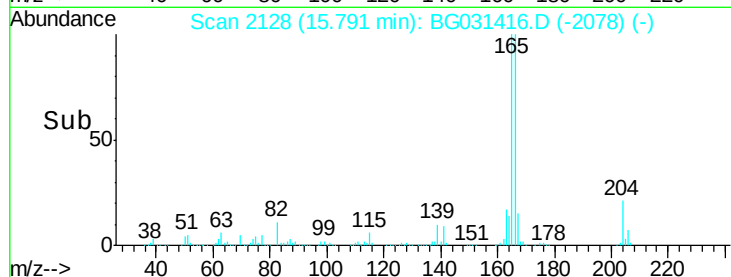
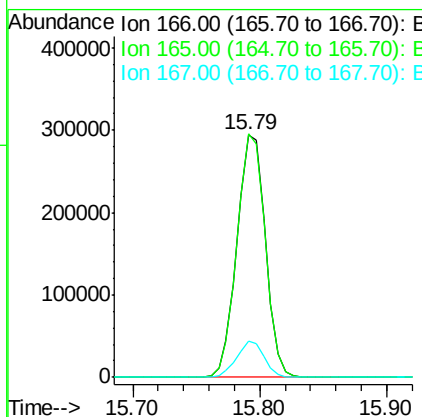
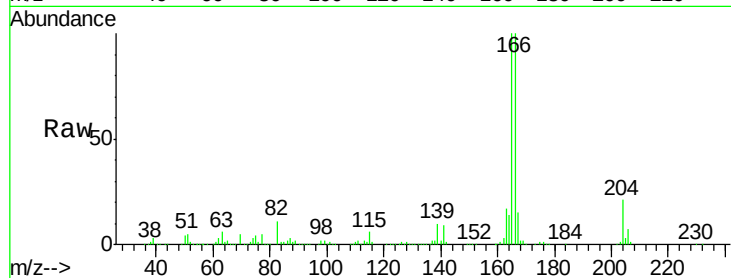
ClientSampleId :

PB104800BS

Tgt Ion:	166	Resp:	457240
Ion Ratio	Lower	Upper	
166	100		
165	100.2	80.6	121.0
167	15.1	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.538 ng

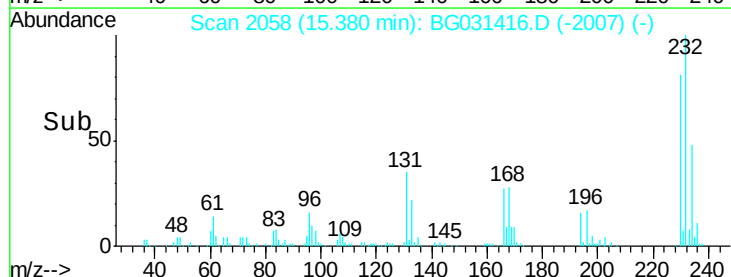
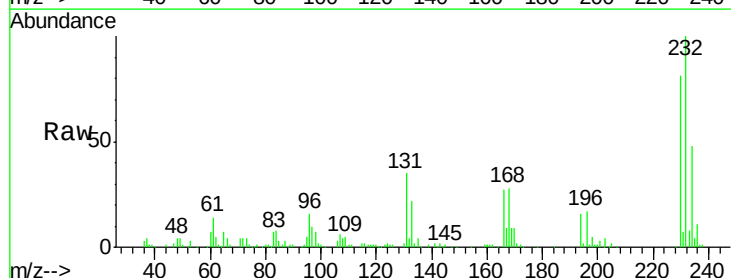
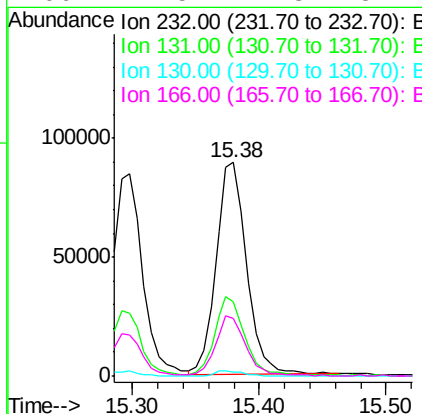
RT: 15.38 min Scan# 2058

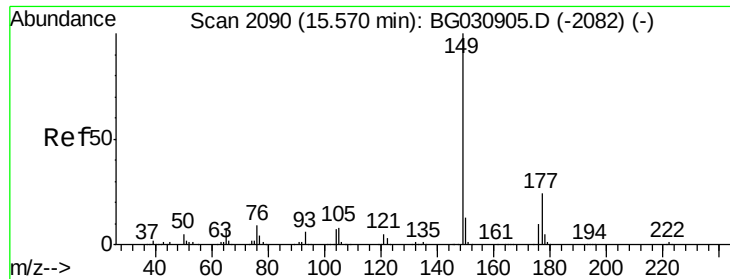
Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	232	Resp:	148837
Ion Ratio	Lower	Upper	
232	100		
131	37.2	33.5	50.3
130	2.3	2.2	3.2
166	27.5	24.8	37.2





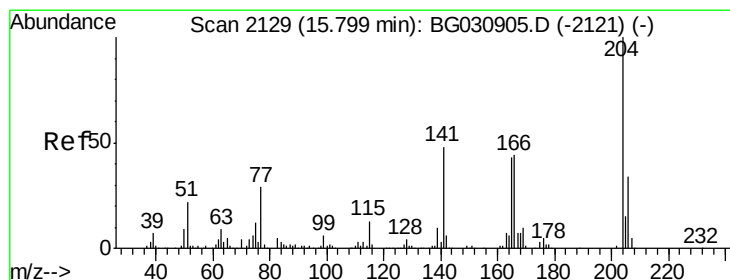
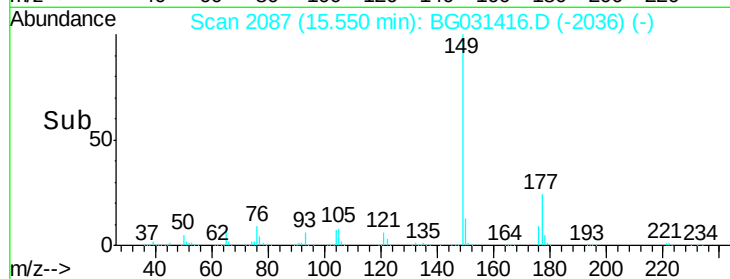
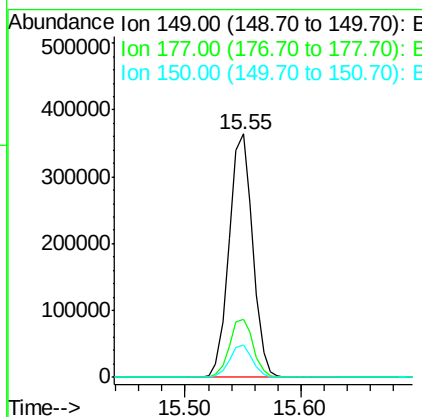
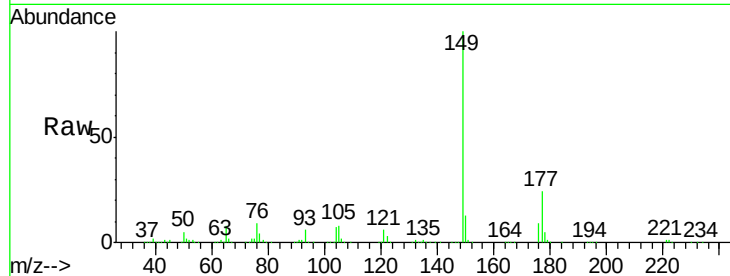
#59
Diethylphthalate
Concen: 41.307 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.5	27.7
150	13.3	10.2	15.2

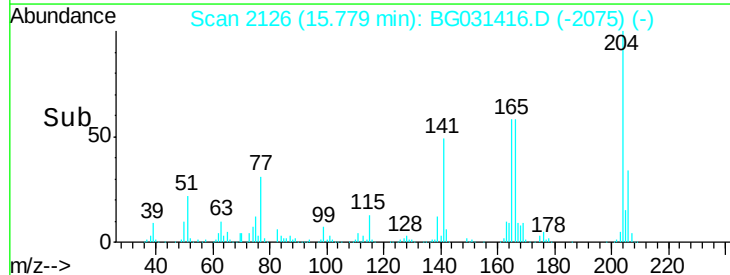
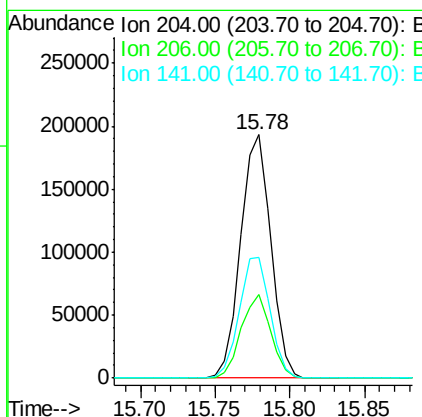
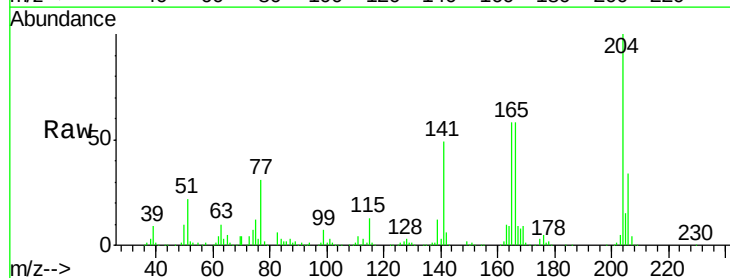
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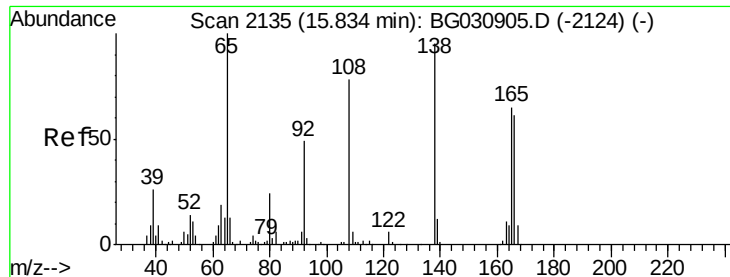
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.203 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	49.4	45.8	68.6





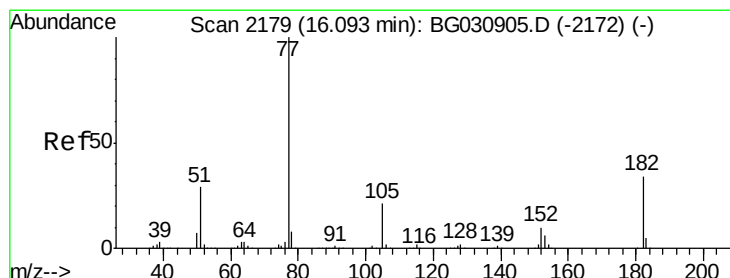
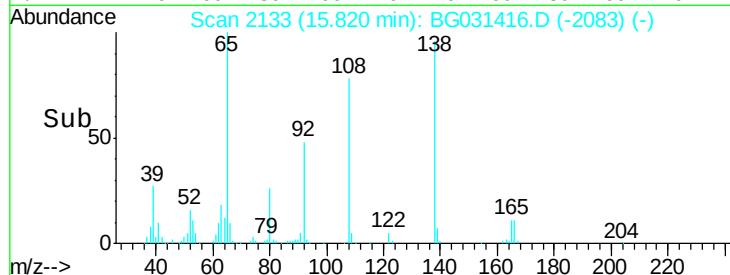
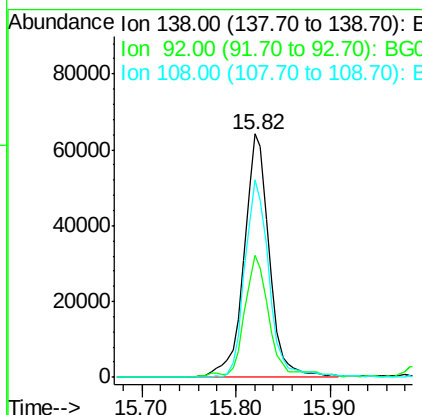
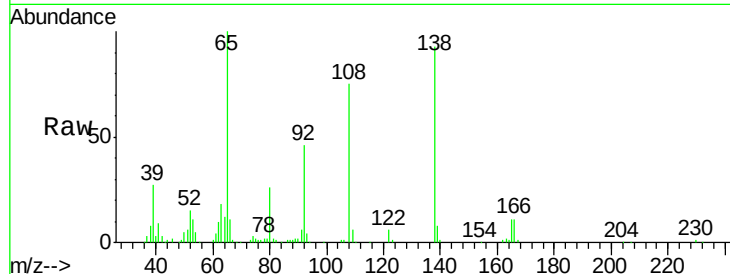
#61
4-Nitroaniline
Concen: 42.292 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	119695		
92	50.0	40.1	80.1	
108	81.2	65.4	105.4	

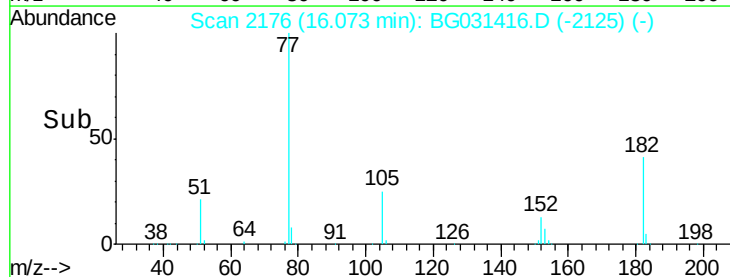
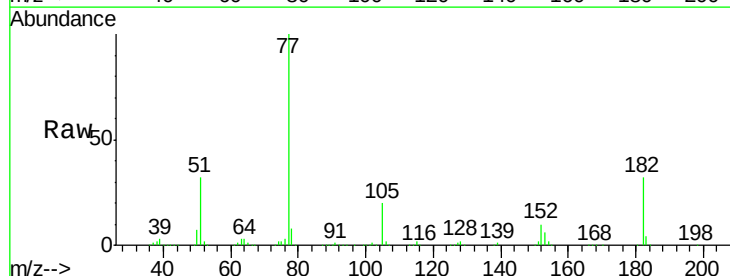
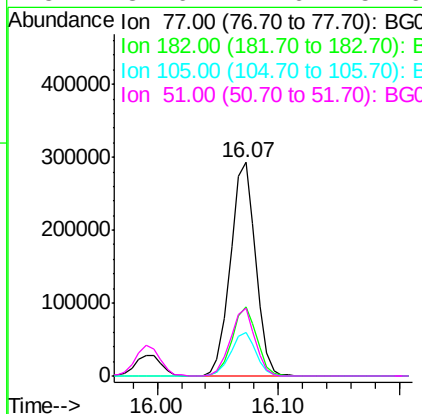
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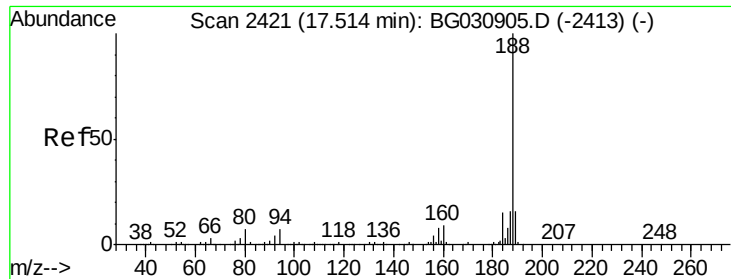
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#62
Azobenzene
Concen: 44.636 ng
RT: 16.07 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	422282		
182	32.3	7.4	47.4	
105	20.2	0.3	40.3	
51	31.6	11.6	51.6	





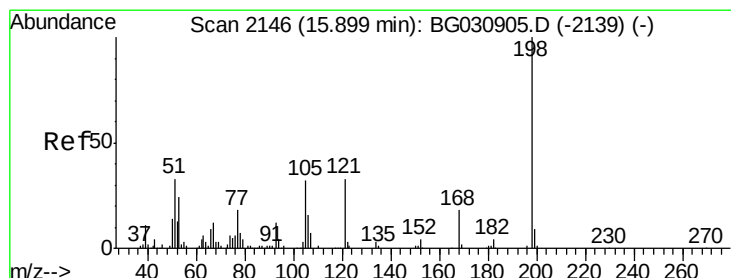
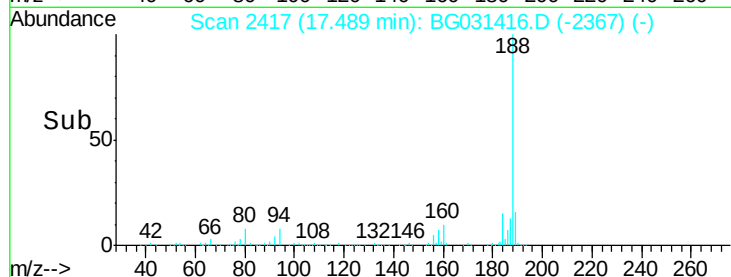
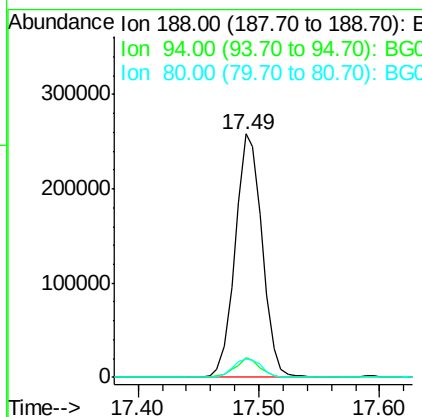
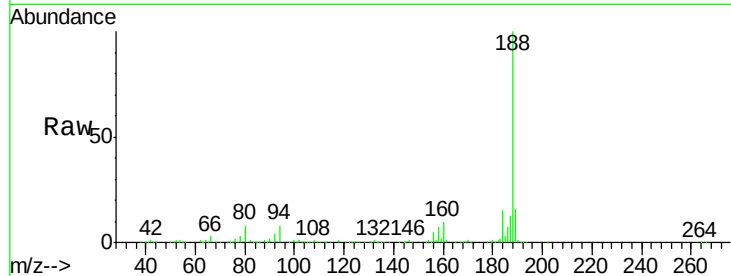
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	6.9	10.3
80	7.6	7.7	11.5

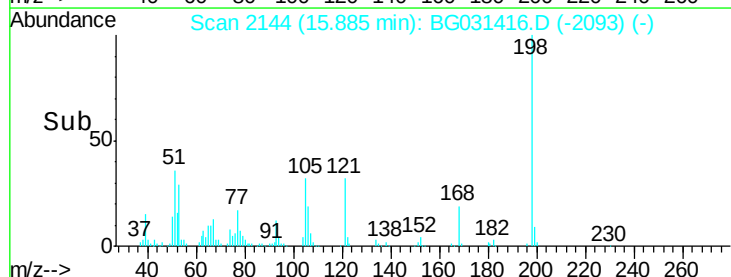
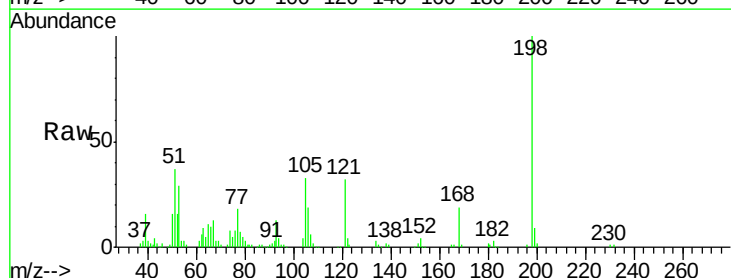
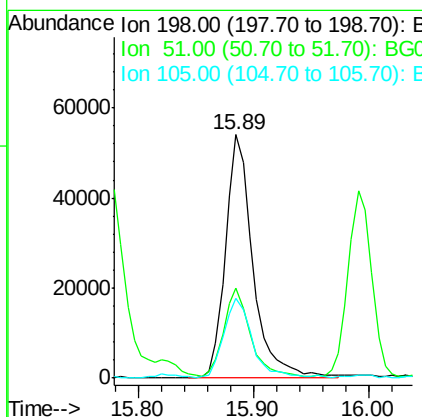
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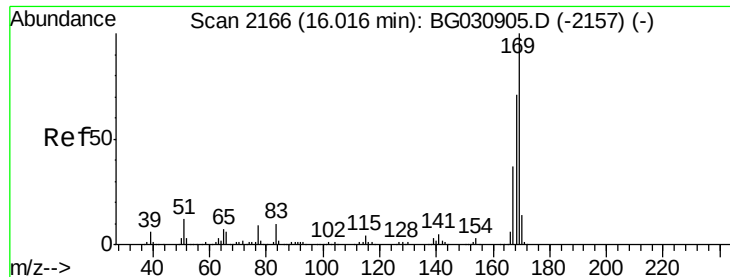
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.537 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.0	30.6	70.6
105	33.0	23.8	63.8





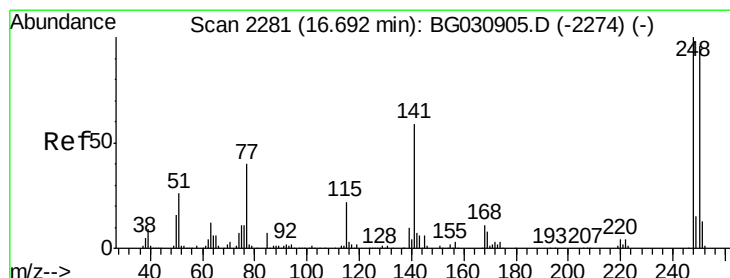
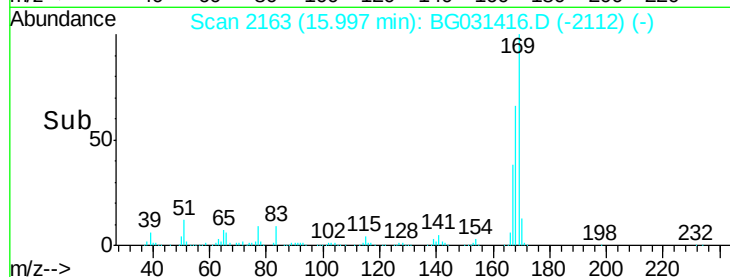
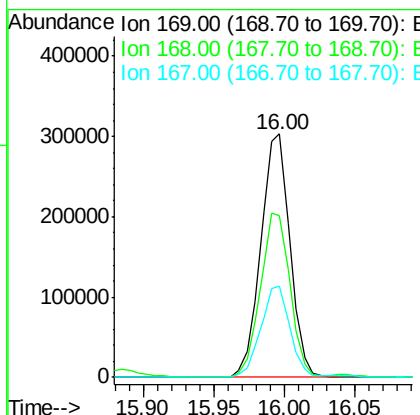
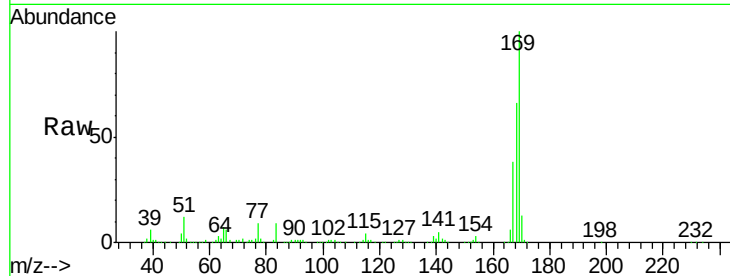
#65
n-Nitrosodiphenylamine
Concen: 36.372 ng
RT: 16.00 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	440263		
168	66.3		55.7	83.5
167	37.7		30.1	45.1

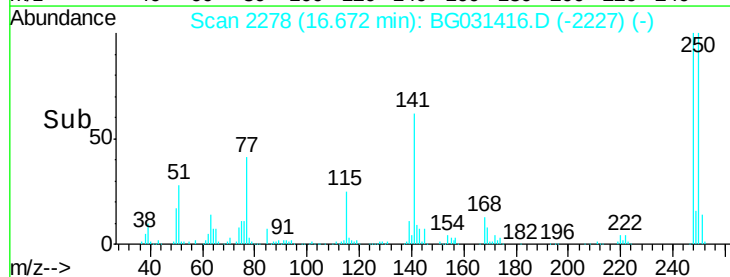
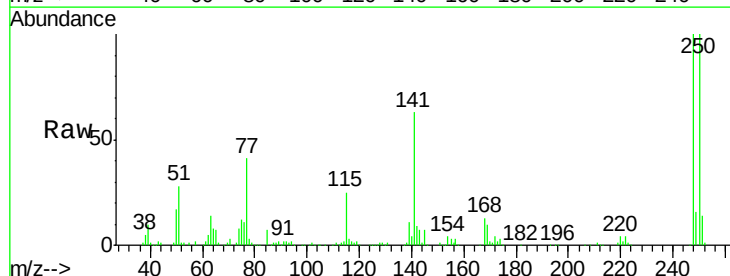
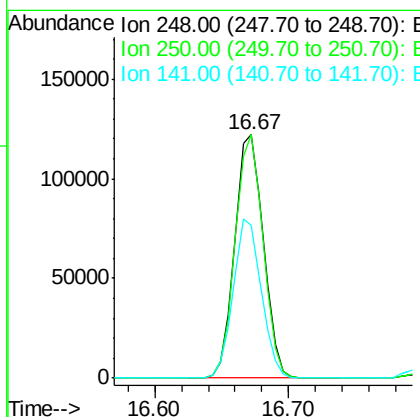
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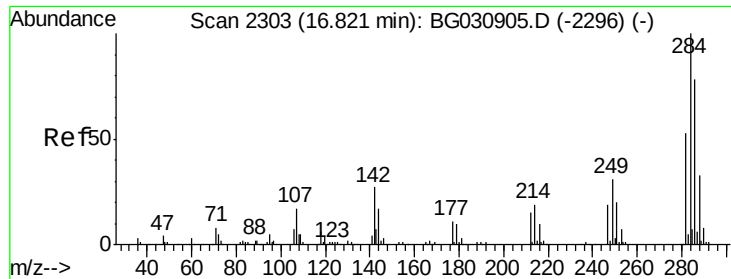
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#66
4-Bromophenyl-phenylether
Concen: 35.974 ng
RT: 16.67 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	182000		
250	100.0		77.1	115.7
141	62.6		50.8	76.2





#67

Hexachlorobenzene

Concen: 34.087 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

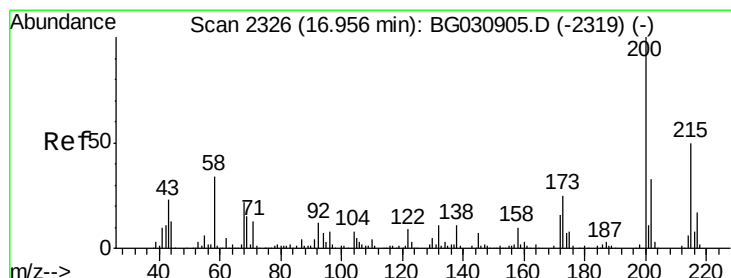
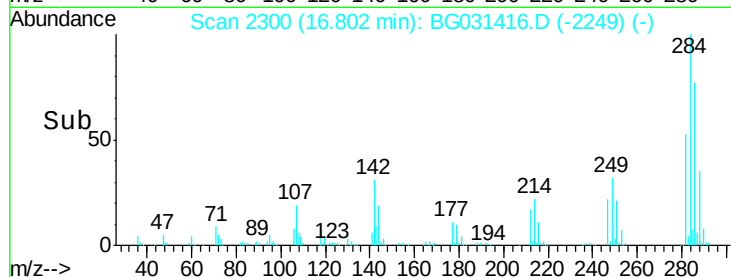
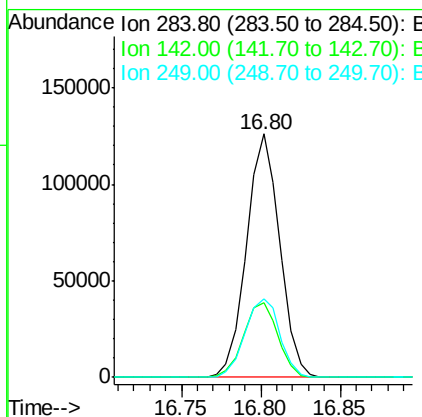
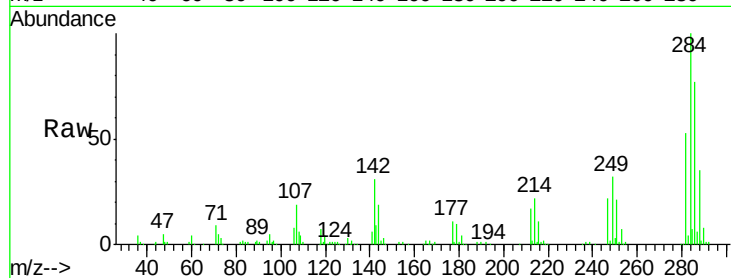
ClientSampleId :

PB104800BS

Tgt Ion:	284	Resp:	183242
Ion Ratio	Lower	Upper	
284	100		
142	30.9	26.8	40.2
249	32.1	26.3	39.5

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#68

Atrazine

Concen: 39.723 ng

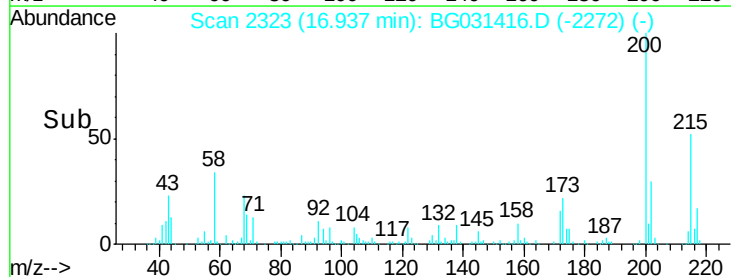
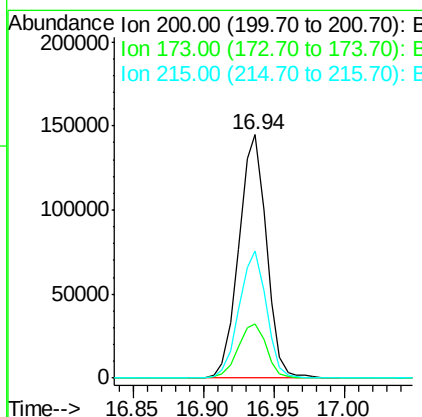
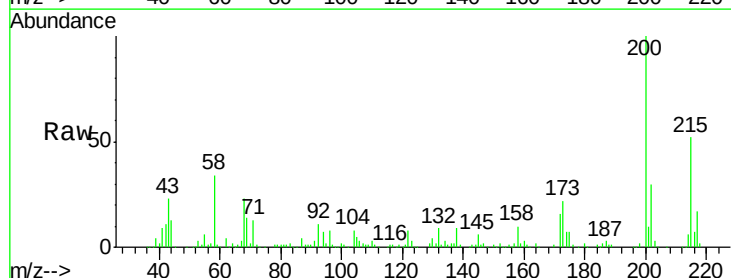
RT: 16.94 min Scan# 2323

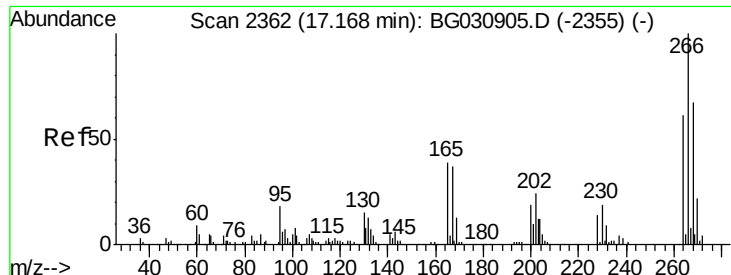
Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	200	Resp:	198382
Ion Ratio	Lower	Upper	
200	100		
173	22.5	5.2	45.2
215	52.2	30.4	70.4





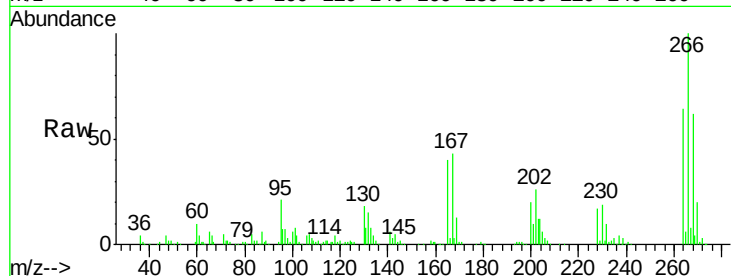
#69
 Pentachlorophenol
 Concen: 58.536 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

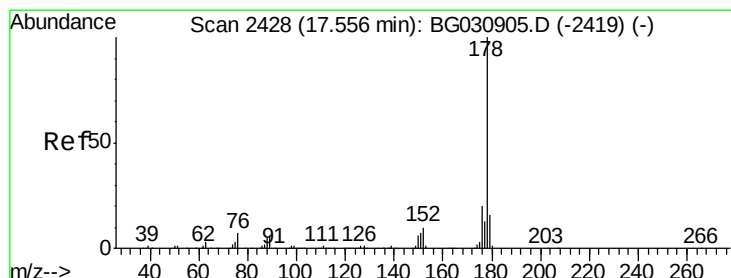
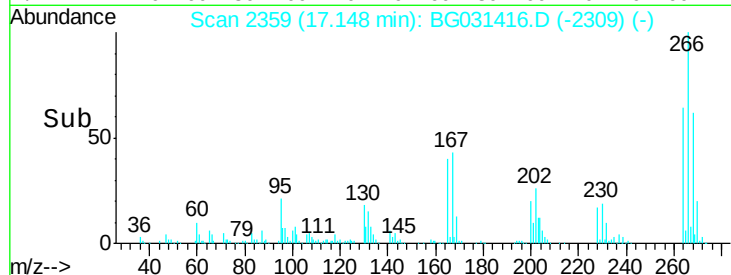
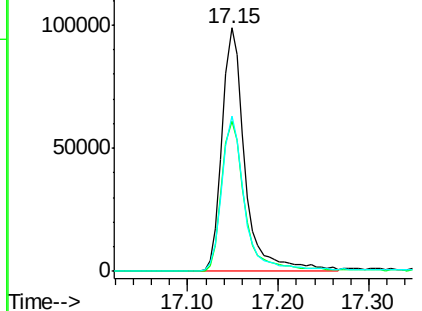
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	173942		
268	61.8	51.1	76.7	
264	63.6	49.6	74.4	

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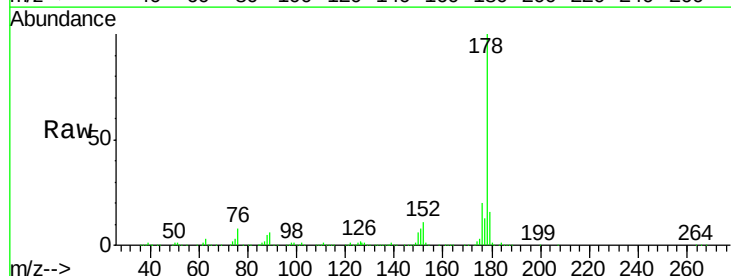


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

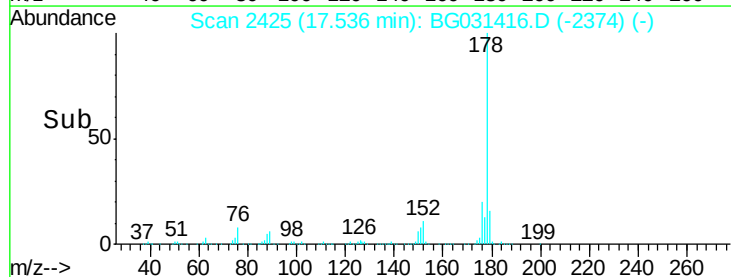
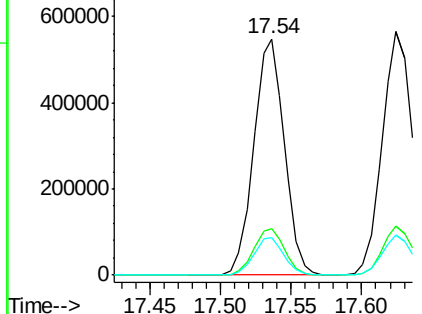


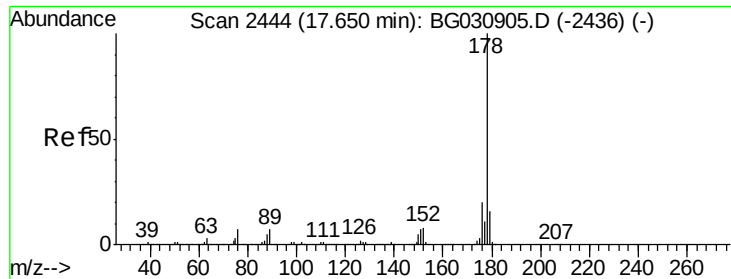
#70
 Phenanthrene
 Concen: 40.081 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	833617		
176	19.9	15.7	23.5	
179	16.1	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





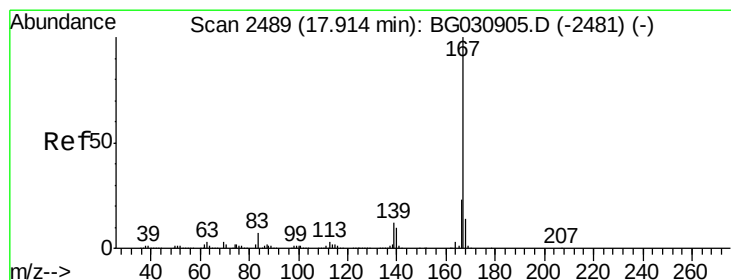
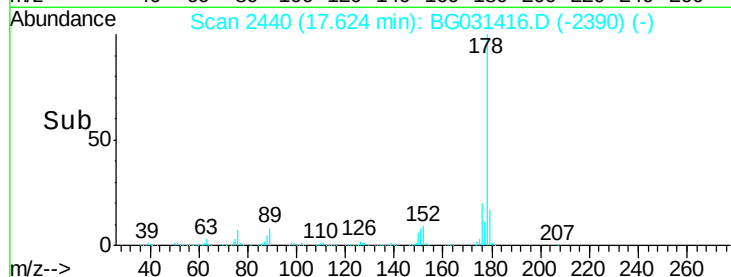
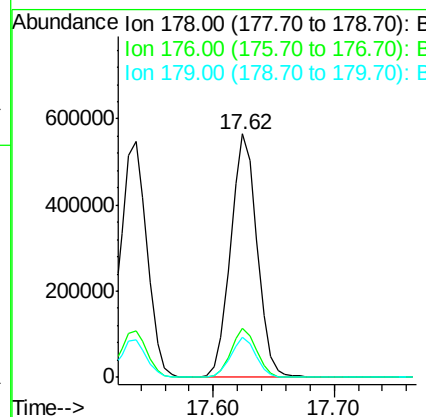
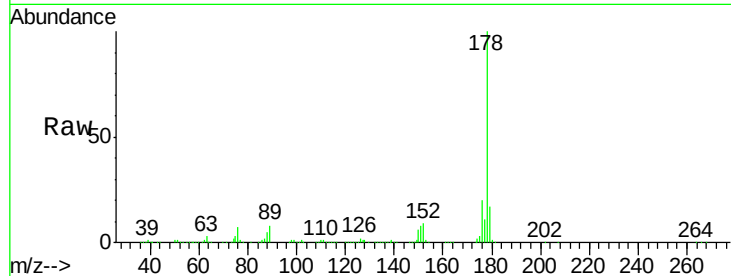
#71
 Anthracene
 Concen: 40.973 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.6	12.5	18.7

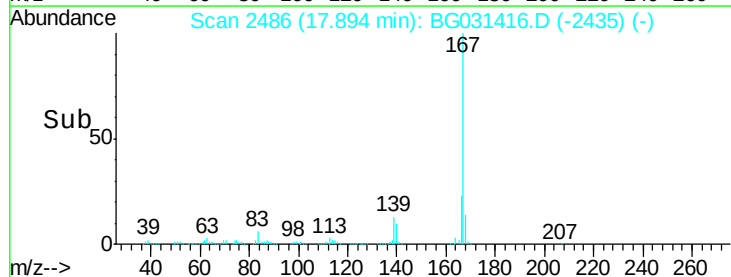
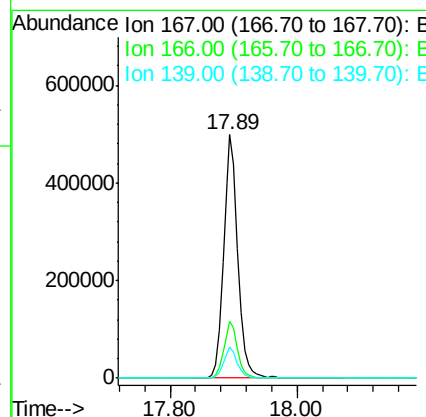
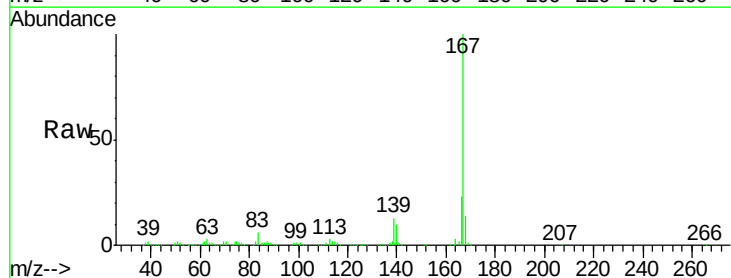
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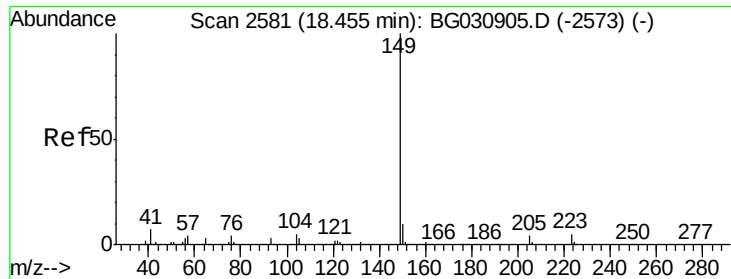
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#72
 Carbazole
 Concen: 40.471 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.952 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

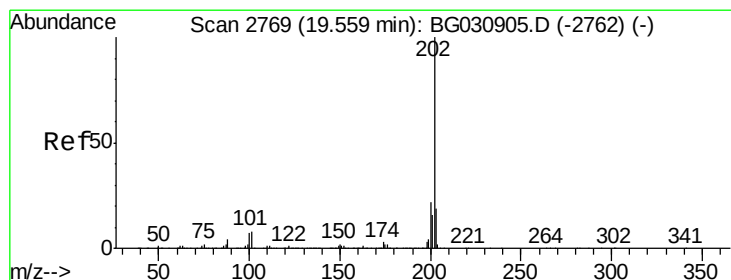
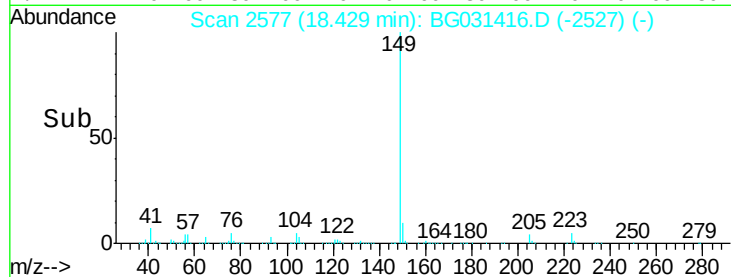
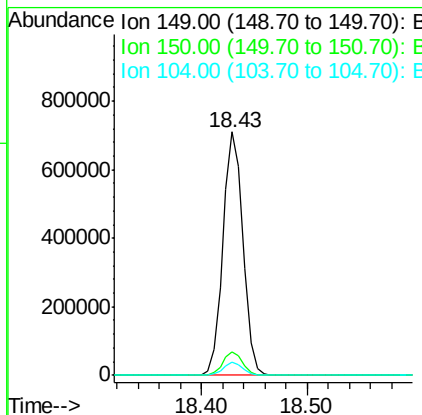
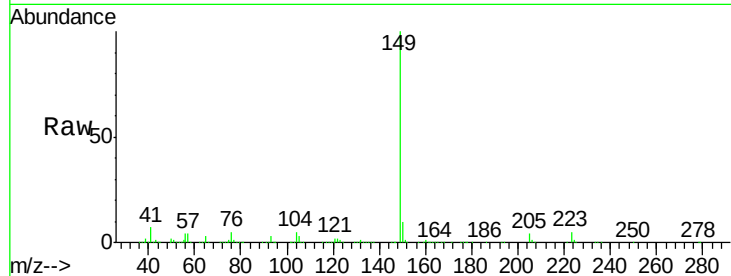
ClientSampleId :

PB104800BS

Tgt Ion:	149	Resp:	933906
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.4	3.9	5.9

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#74

Fluoranthene

Concen: 42.123 ng

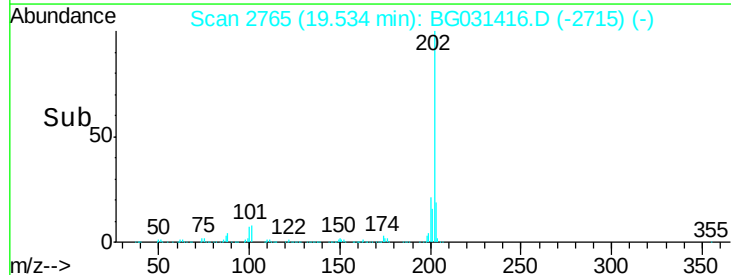
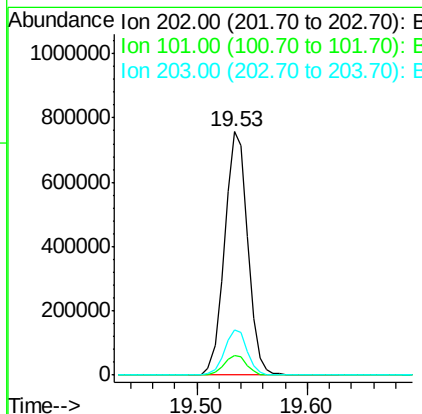
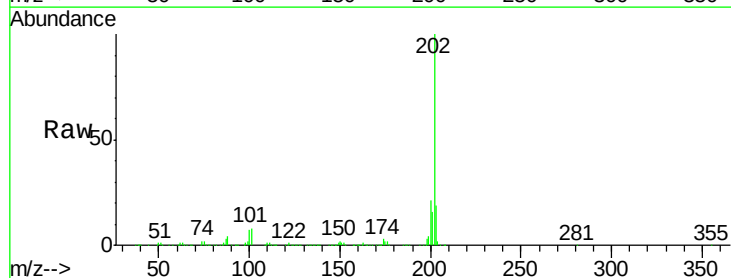
RT: 19.53 min Scan# 2765

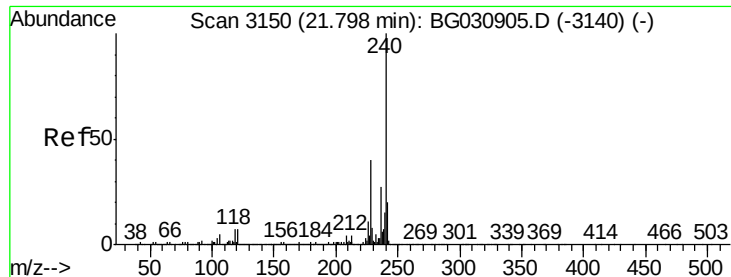
Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	202	Resp:	1109231
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

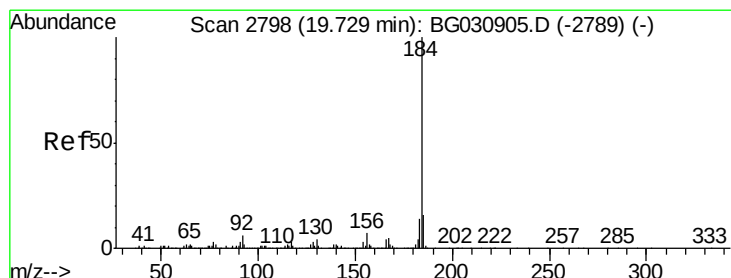
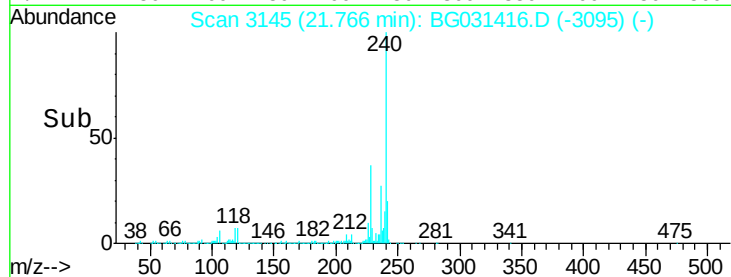
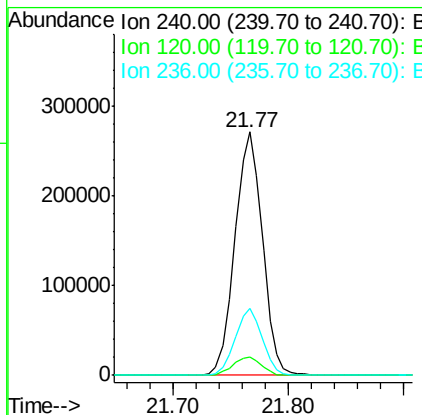
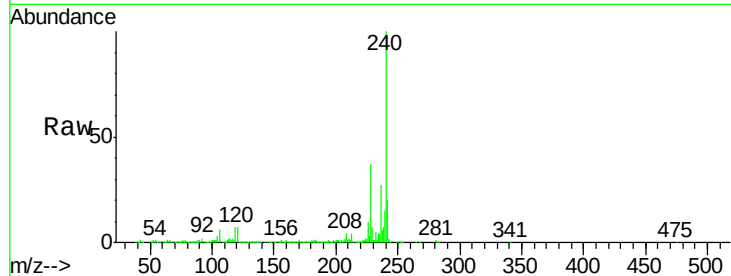
ClientSampleId :

PB104800BS

Tgt Ion:	240	Resp:	449120
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.8	10.2
236	27.4	20.9	31.3

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#76

Benzidine

Concen: 16.355 ng

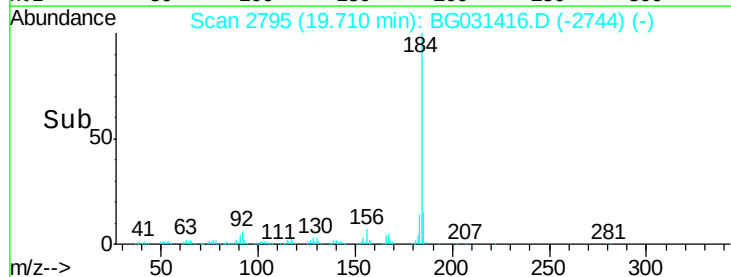
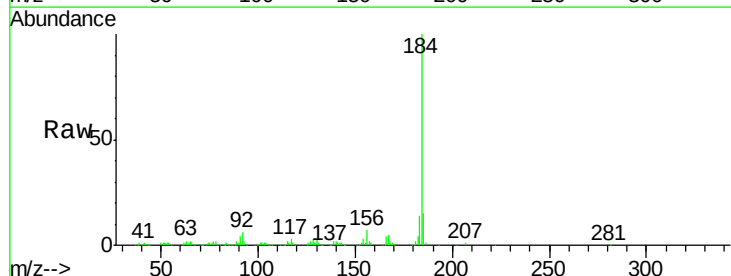
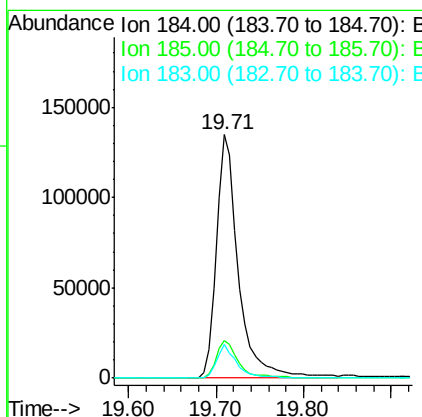
RT: 19.71 min Scan# 2795

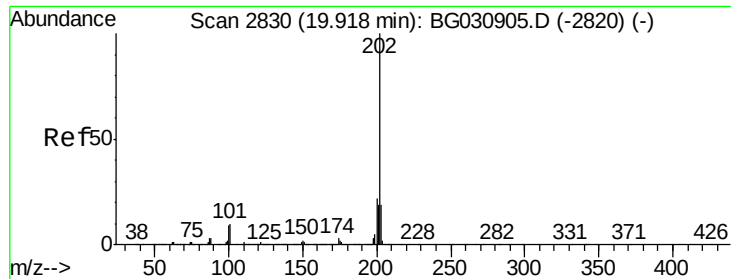
Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	184	Resp:	235954
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.1	16.7
183	13.6	10.6	16.0





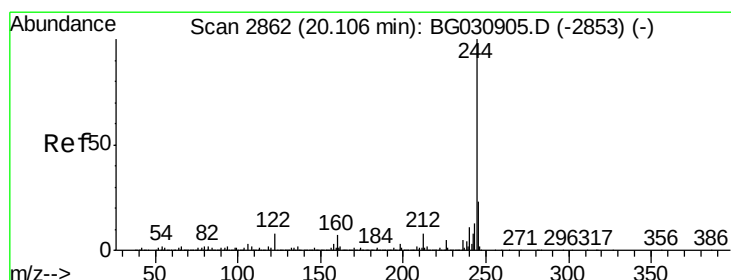
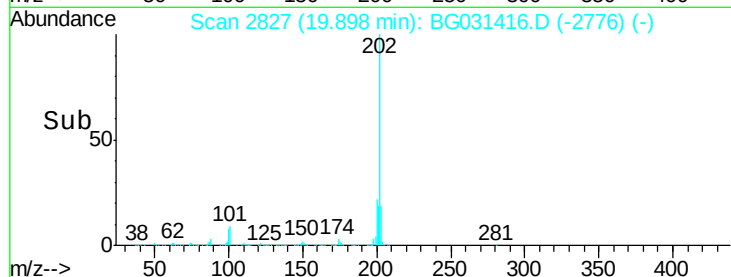
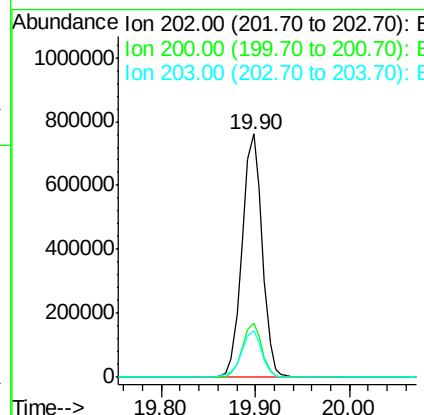
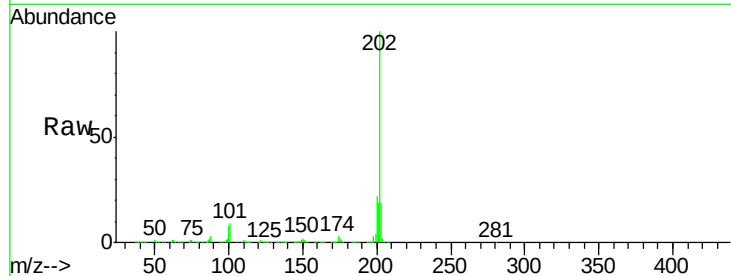
#77
 Pyrene
 Concen: 42.346 ng
 RT: 19.90 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	19.1	13.9	20.9

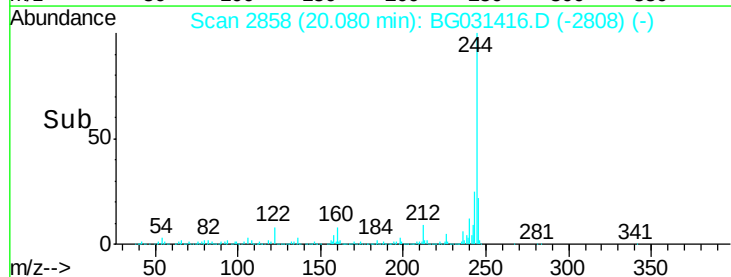
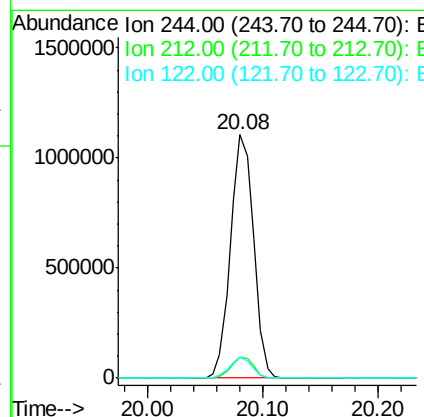
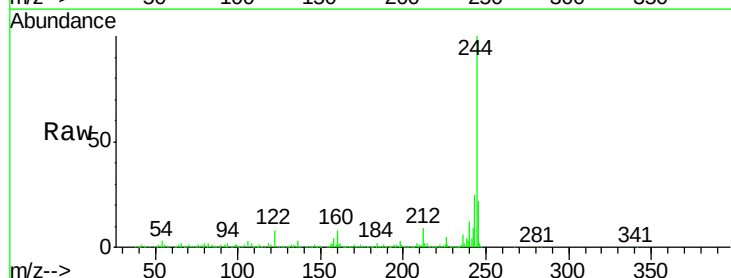
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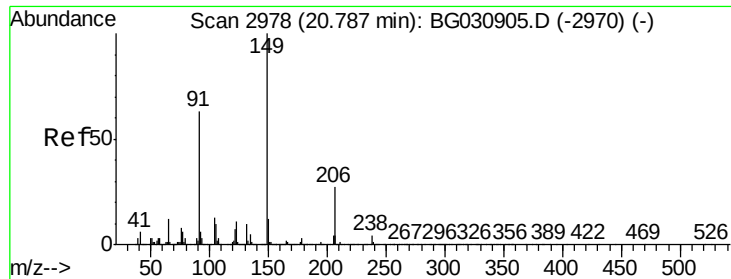
Sohil
 12/11/2017 6:17:16 PM



#78
 Terphenyl-d14
 Concen: 75.465 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

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





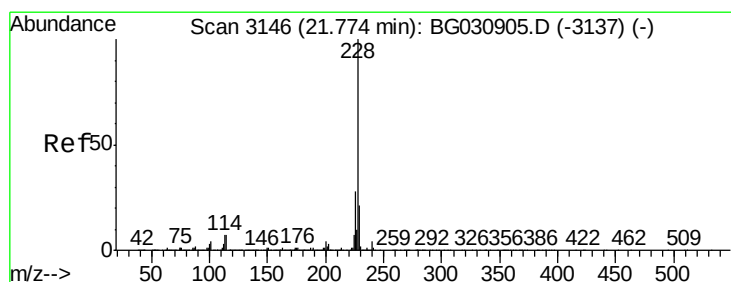
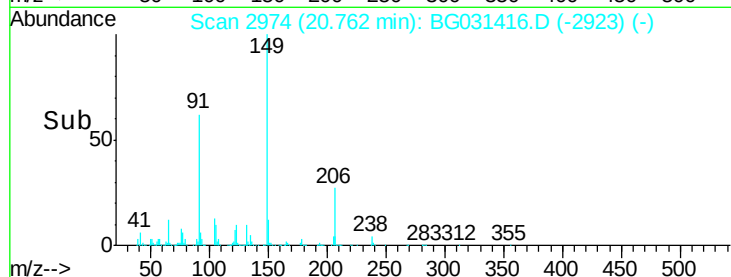
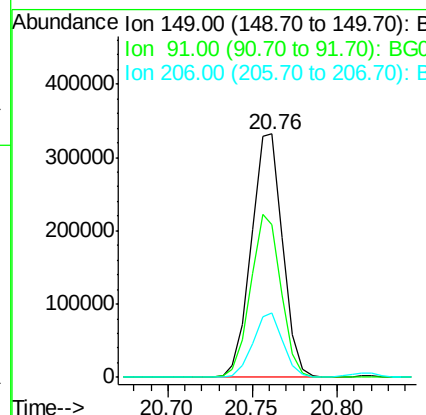
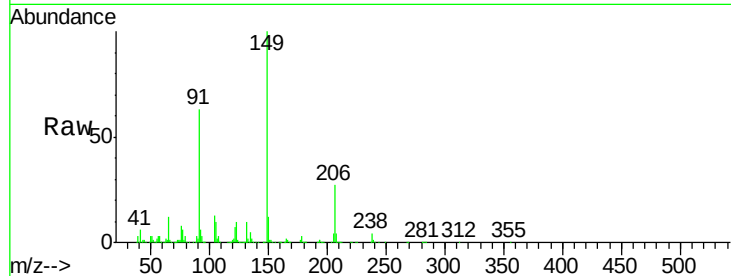
#79
Butylbenzylphthalate
Concen: 40.394 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.5	62.2	93.2
206	26.5	18.6	27.8

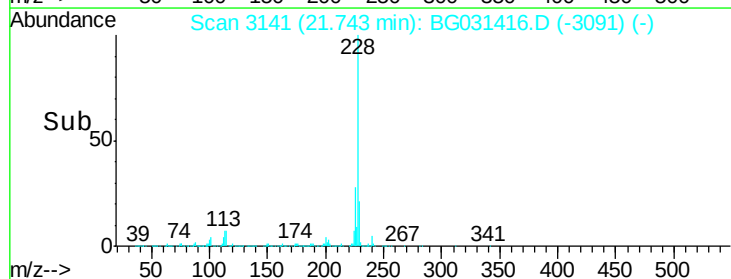
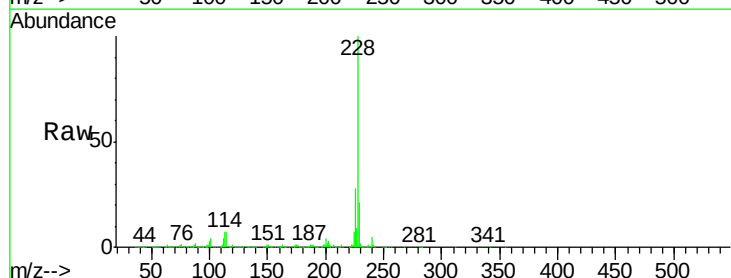
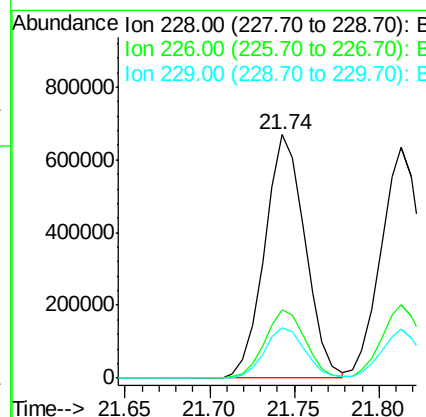
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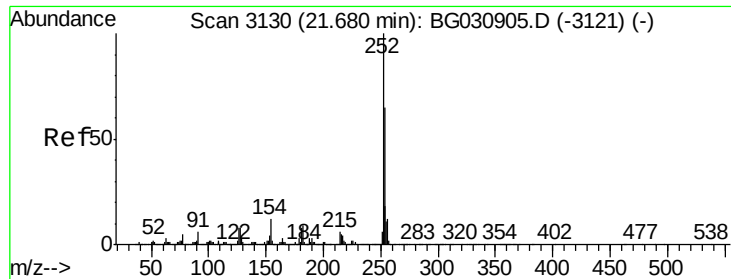
Sohil
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#80
Benzo(a)anthracene
Concen: 39.644 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.7	16.2	24.2





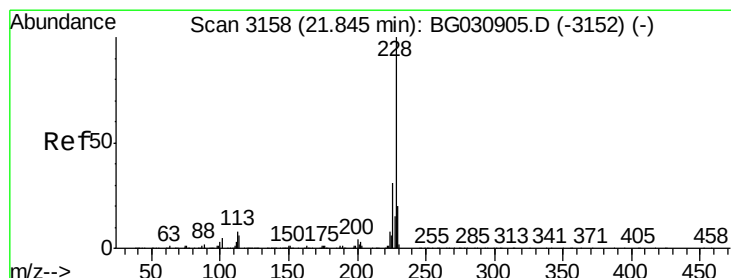
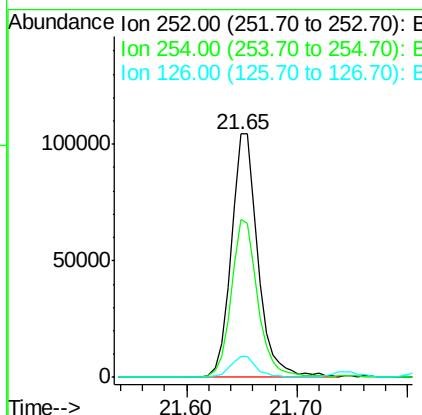
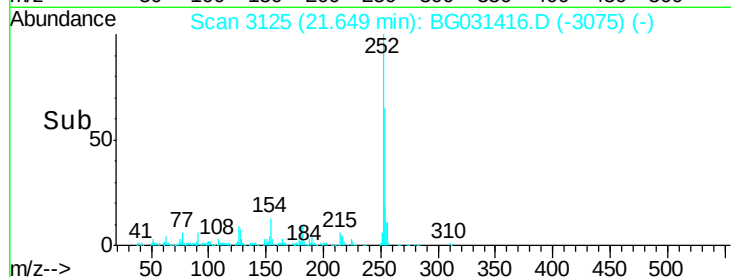
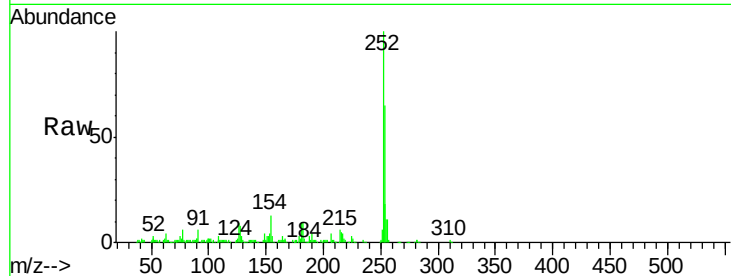
#81
 3,3'-Dichlorobenzidine
 Concen: 15.772 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampled :
 PB104800BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.8	76.2
126	8.8	7.4	11.2

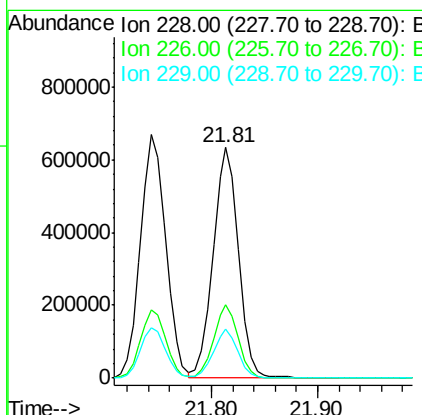
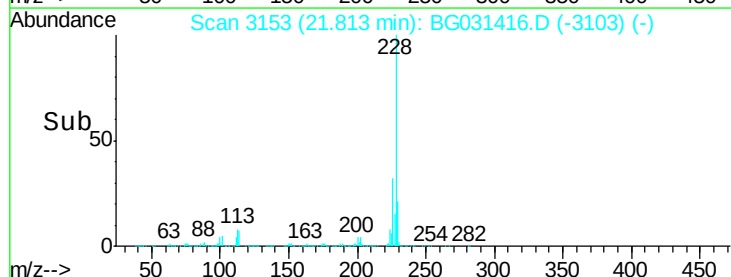
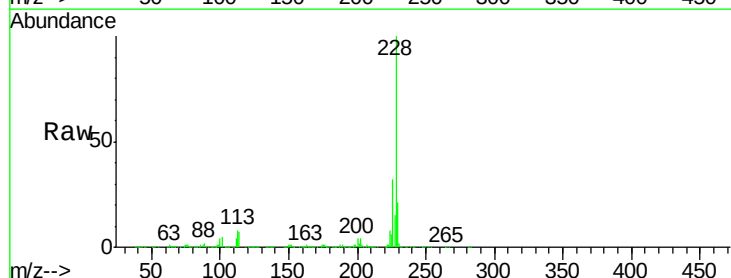
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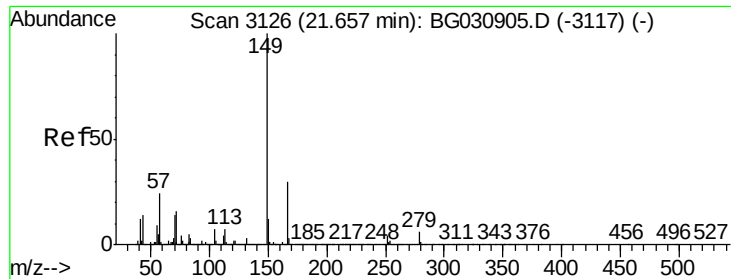
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#82
 Chrysene
 Concen: 40.940 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.2	15.0	22.4





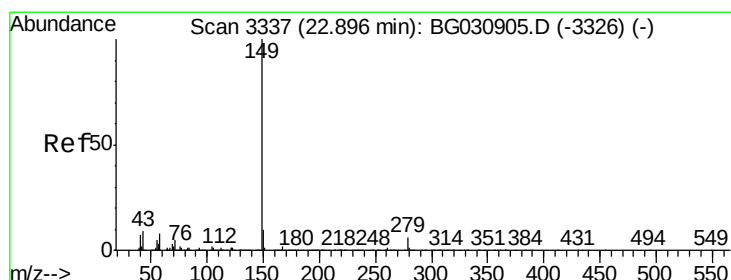
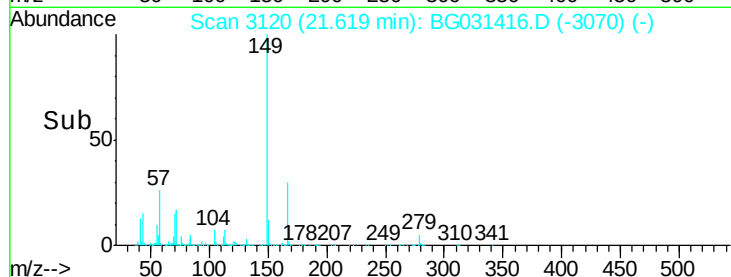
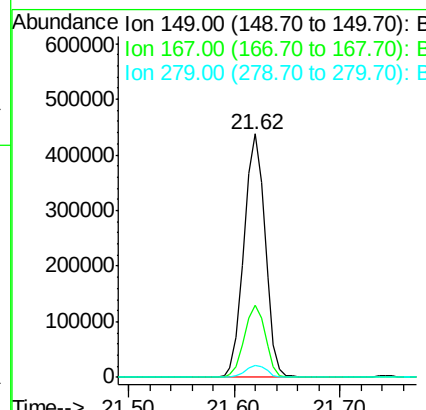
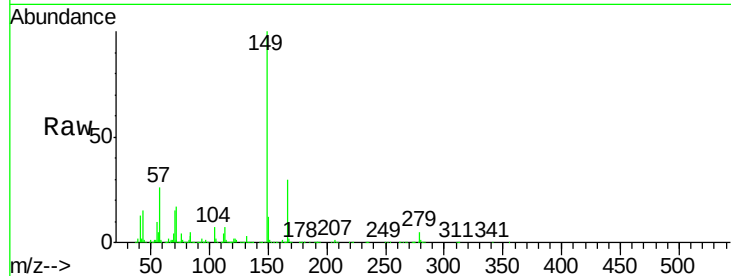
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.400 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB104800BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.3	36.5
279	5.0	4.0	6.0

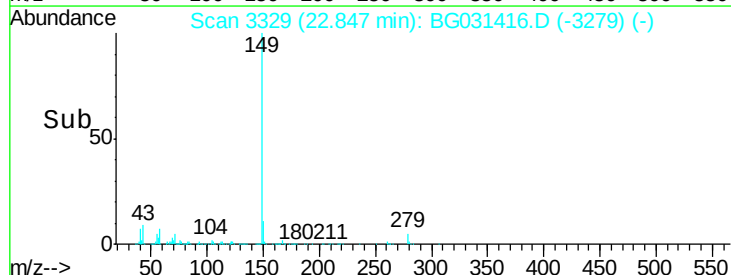
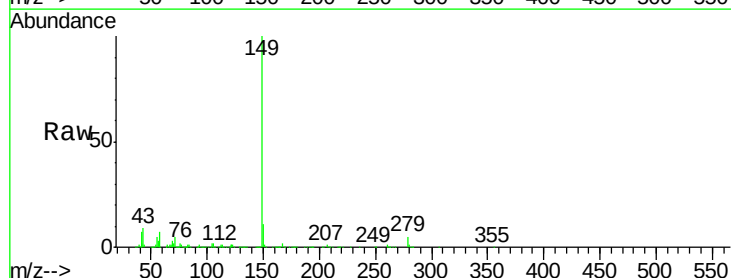
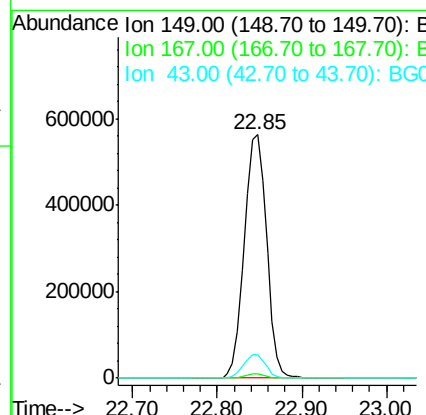
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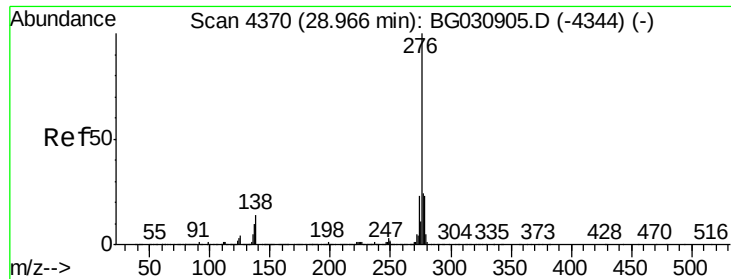
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#84
 Di-n-octyl phthalate
 Concen: 41.155 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.4	8.9	13.3





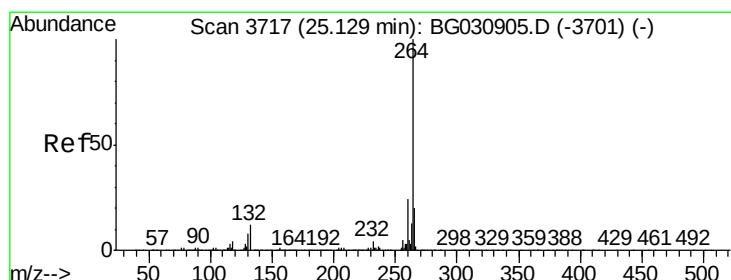
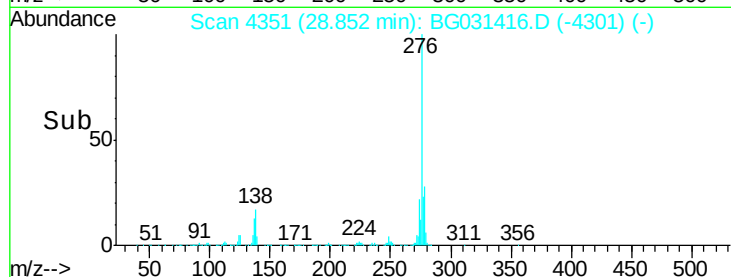
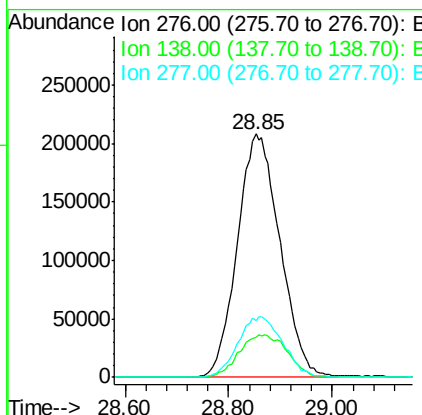
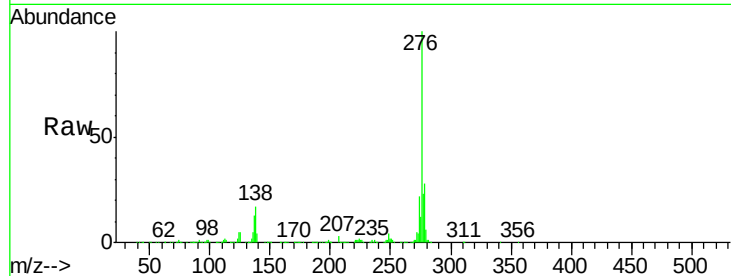
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.975 ng
 RT: 28.85 min Scan# 4351
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampled :
 PB104800BS

Tgt Ion: 276 Resp: 1191373
 Ion Ratio Lower Upper
 276 100
 138 19.9 16.0 24.0
 277 26.1 20.0 30.0

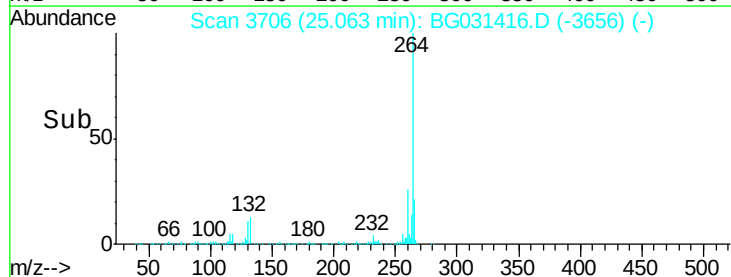
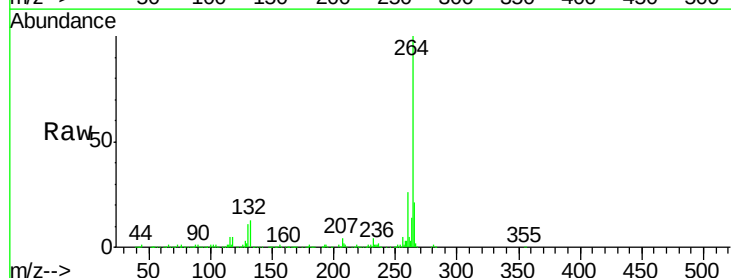
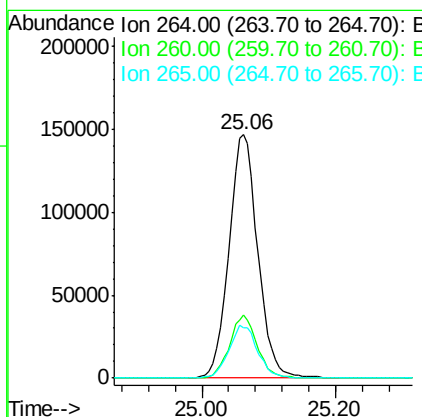
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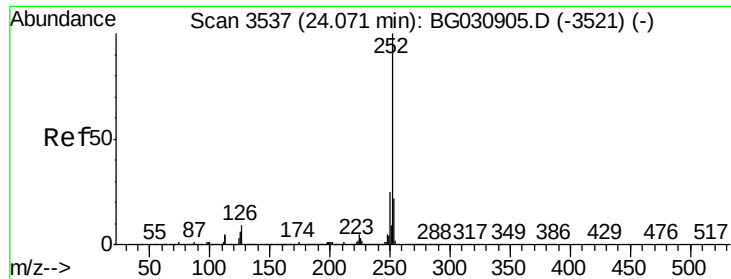
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion: 264 Resp: 441094
 Ion Ratio Lower Upper
 264 100
 260 25.7 17.4 26.0
 265 20.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.435 ng m

RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

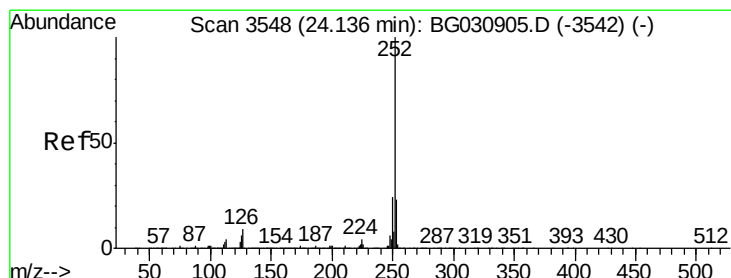
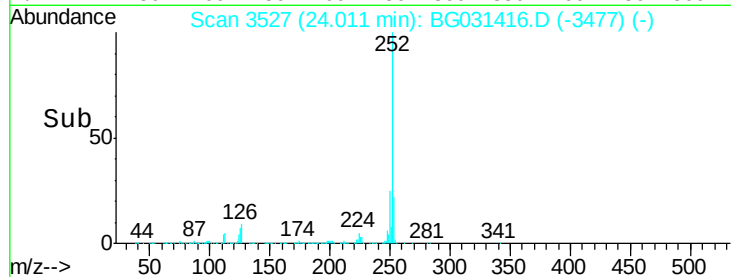
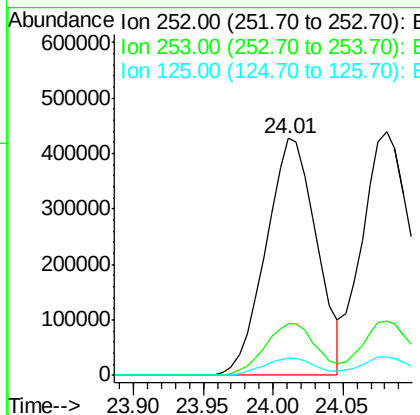
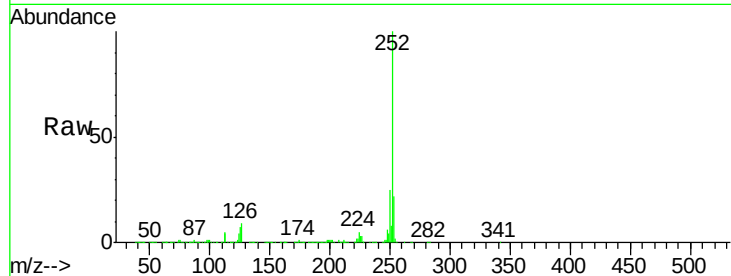
ClientSampleId :

PB104800BS

Tgt Ion:	252	Resp:	1078882
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.4
125	7.2	7.2	10.8#

Manual Integrations
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12/11/2017 6:17:16 PM



#88

Benzo(k)fluoranthene

Concen: 40.332 ng

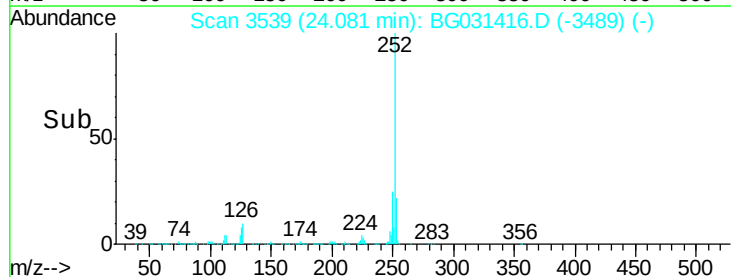
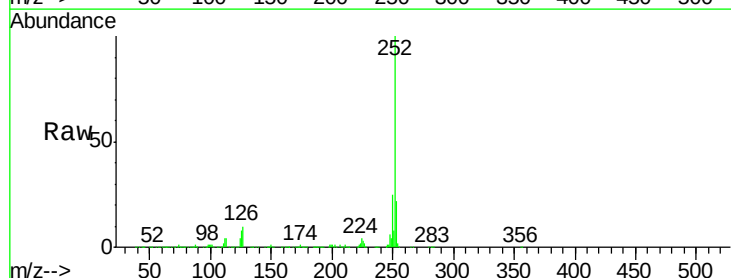
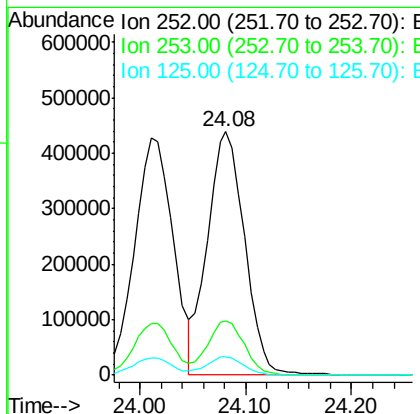
RT: 24.08 min Scan# 3539

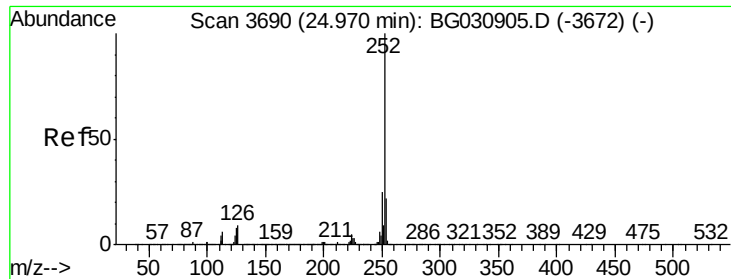
Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	252	Resp:	1066649
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	7.6	6.6	9.8





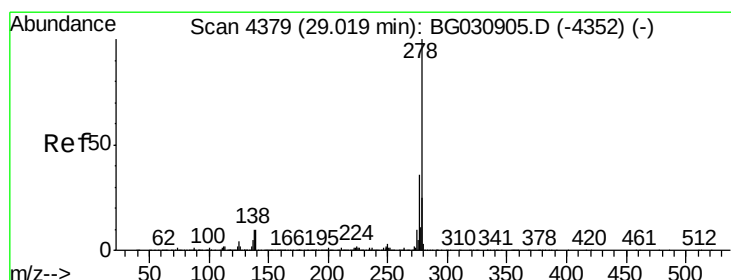
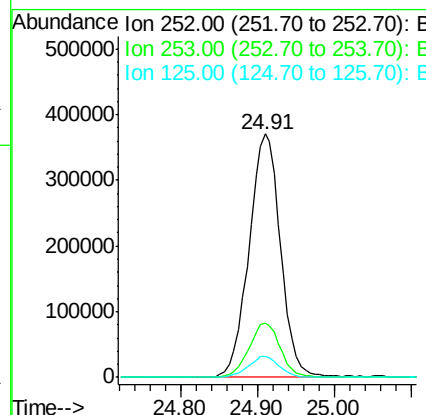
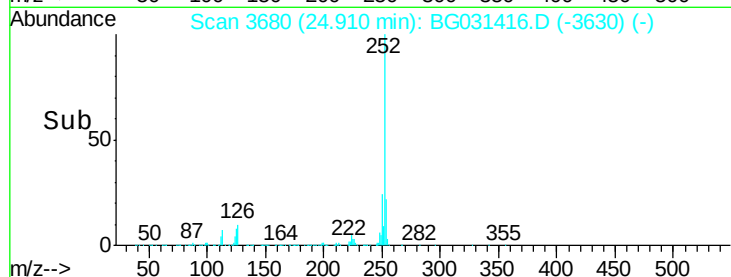
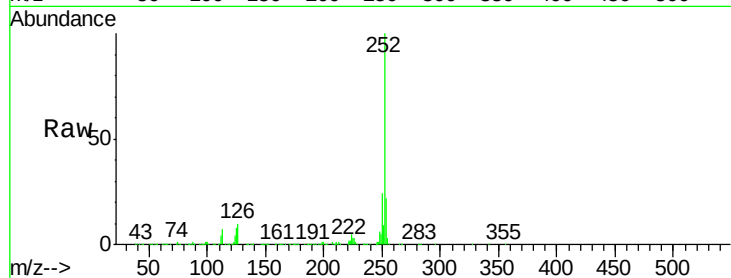
#89
Benzo(a)pyrene
Concen: 41.749 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	8.4	7.3	10.9

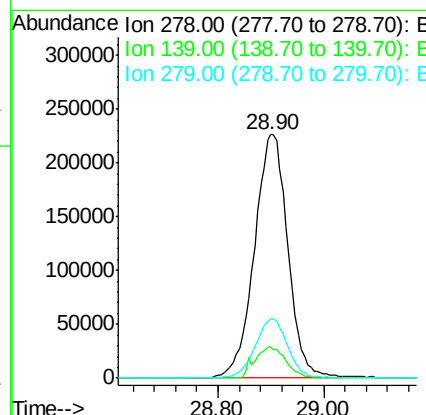
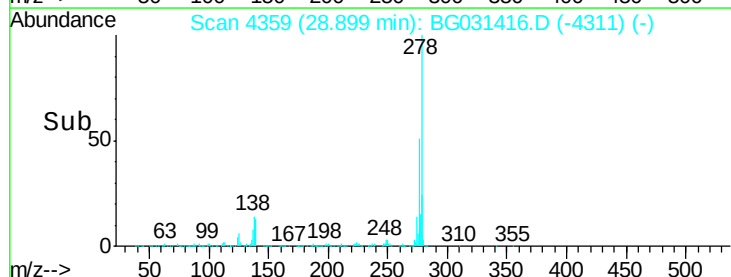
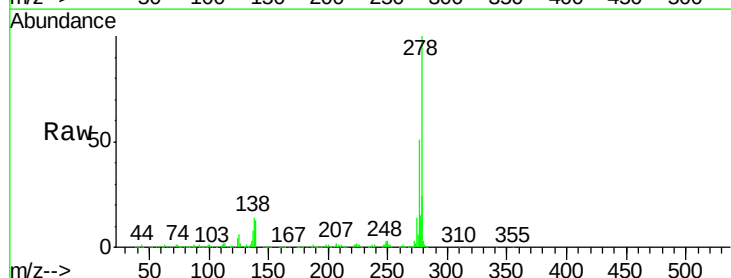
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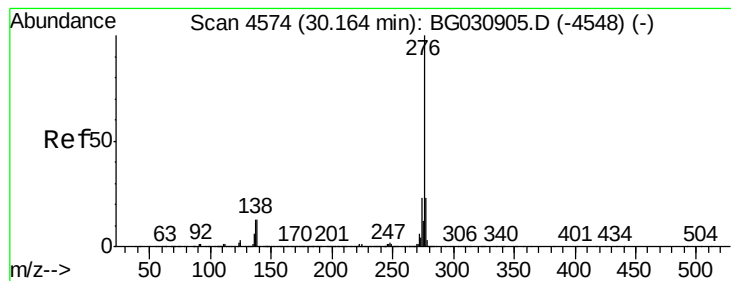
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#90
Dibenzo(a,h)anthracene
Concen: 38.350 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.02 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.6
279	24.2	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 39.857 ng

RT: 30.04 min Scan# 4554

Delta R.T. 0.00 min

Lab File: BG031416.D

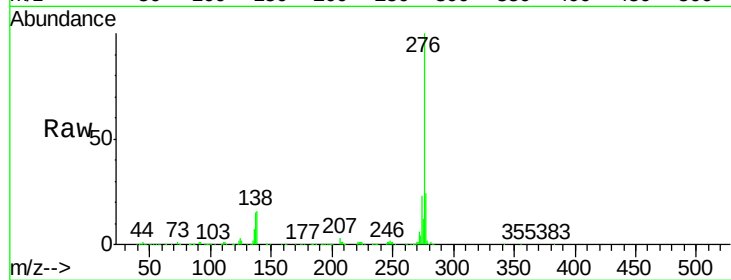
Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

PB104800BS



Tgt Ion: 276 Resp: 1002205

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 15.5 13.9 20.9

Manual Integrations

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