

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032516.D
 Acq On : 2 Feb 2018 17:38
 Operator : SJ/JU
 Sample : J1395-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:15:08 AM

Quant Time: Feb 05 10:06:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23571	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	95228	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	71950	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	195888	20.00	ng	0.00
75) Chrysene-d12	22.41	240	253824	20.00	ng	0.00
86) Perylene-d12	26.08	264	269802	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	159895	136.25	ng	0.00
7) Phenol-d6	7.83	99	190486	121.64	ng	0.00
23) Nitrobenzene-d5	9.91	82	140653	92.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	197318	144.07	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	527634	87.16	ng	-0.01
78) Terphenyl-d14	20.62	244	1128176	95.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	14204	35.974	ng	# 73
3) Pyridine	4.27	79	35311	33.121	ng	# 78
4) n-Nitrosodimethylamine	4.17	42	27258	49.115	ng	# 62
6) Aniline	8.01	93	18790	9.624	ng	96
8) 2-Chlorophenol	8.26	128	68668	49.502	ng	# 76
9) Benzaldehyde	7.82	77	20909m	25.851	ng	
10) Phenol	7.86	94	63463	42.675	ng	87
11) bis(2-Chloroethyl)ether	8.10	93	47361	41.797	ng	# 81
12) 1,3-Dichlorobenzene	8.60	146	78061	41.611	ng	96
13) 1,4-Dichlorobenzene	8.74	146	79376	42.215	ng	95
14) 1,2-Dichlorobenzene	9.08	146	77212	41.919	ng	99
15) Benzyl Alcohol	8.95	79	55931	43.337	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.24	45	45185	42.083	ng	68
17) 2-Methylphenol	9.15	107	52844	43.752	ng	96
18) Hexachloroethane	9.83	117	27820	44.068	ng	# 83
19) n-Nitroso-di-n-propylamine	9.52	70	43119	41.528	ng	# 92
20) 3+4-Methylphenols	9.50	107	72292	42.670	ng	97
22) Acetophenone	9.55	105	97066	43.483	ng	# 92
24) Nitrobenzene	9.95	77	62851	42.632	ng	# 87
25) Isophorone	10.47	82	129196	49.767	ng	# 82
26) 2-Nitrophenol	10.68	139	39354	44.159	ng	# 81
27) 2,4-Dimethylphenol	10.72	122	66115	51.687	ng	93
28) bis(2-Chloroethoxy)methane	10.96	93	70288	49.375	ng	# 93
29) 2,4-Dichlorophenol	11.22	162	85388	50.391	ng	90
30) 1,2,4-Trichlorobenzene	11.44	180	96472	42.716	ng	98
31) Naphthalene	11.64	128	215496	46.333	ng	98
32) Benzoic acid	10.79	122	5041m	11.765	ng	
33) 4-Chloroaniline	11.75	127	13651	6.581	ng	# 89
34) Hexachlorobutadiene	11.90	225	76096	43.306	ng	95
35) Caprolactam	12.49	113	18143	37.297	ng	# 46
36) 4-Chloro-3-methylphenol	12.83	107	83159	51.738	ng	# 84
37) 2-Methylnaphthalene	13.20	142	180565	46.211	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	142845	42.437	ng	# 97
40) Hexachlorocyclopentadiene	13.53	237	172353	81.951	ng	88

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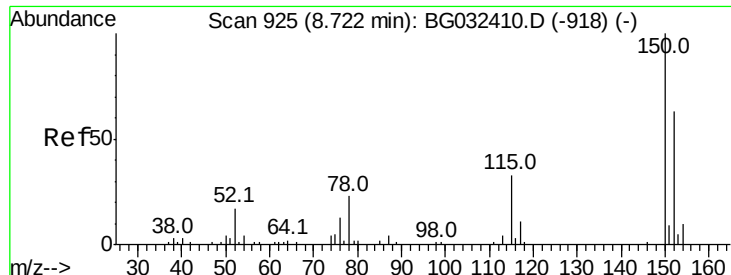
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	85567	46.735	nq	98
43) 2,4,5-Trichlorophenol	13.87	196	100017m	46.861	nq	
45) 1,1'-Biphenyl	14.18	154	265445	43.668	nq	94
46) 2-Chloronaphthalene	14.24	162	208451	43.752	nq	97
47) 2-Nitroaniline	14.43	65	49791	47.258	nq	# 78
48) Acenaphthylene	15.08	152	314571	43.675	nq	99
49) Dimethylphthalate	14.78	163	294803	44.437	nq	99
50) 2,6-Dinitrotoluene	14.91	165	64969	46.659	nq	# 79
51) Acenaphthene	15.41	154	202642	40.568	nq	96
52) 3-Nitroaniline	15.25	138	16574	13.627	nq	# 85
53) 2,4-Dinitrophenol	15.45	184	6384	11.072	nq	# 81
54) Dibenzofuran	15.74	168	346622	46.883	nq	98
55) 4-Nitrophenol	15.54	139	64160	70.464	nq	# 76
56) 2,4-Dinitrotoluene	15.69	165	96285	48.566	nq	# 68
57) Fluorene	16.38	166	281041	45.745	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	104348	49.570	nq	# 85
59) Diethylphthalate	16.12	149	294316	45.550	nq	96
60) 4-Chlorophenyl-phenylether	16.36	204	176389	45.530	nq	97
61) 4-Nitroaniline	16.40	138	50825	38.989	nq	80
62) Azobenzene	16.65	77	178785	46.302	nq	# 82
64) 4,6-Dinitro-2-methylphenol	16.45	198	12828	8.766	nq	# 68
65) n-Nitrosodiphenylamine	16.58	169	263063	44.999	nq	97
66) 4-Bromophenyl-phenylether	17.25	248	133792	46.102	nq	96
67) Hexachlorobenzene	17.38	284	141986	44.211	nq	# 89
68) Atrazine	17.50	200	123176	49.083	nq	96
69) Pentachlorophenol	17.72	266	70329	34.957	nq	99
70) Phenanthrene	18.12	178	493406	45.167	nq	98
71) Anthracene	18.21	178	508112	46.713	nq	97
72) Carbazole	18.47	167	434133	45.172	nq	99
73) Di-n-butylphthalate	18.98	149	497621	46.766	nq	99
74) Fluoranthene	20.09	202	666230	46.504	nq	95
76) Benzidine	20.25	184	95506	19.162	nq	98
77) Pyrene	20.44	202	674416	43.320	nq	99
79) Butylbenzylphthalate	21.30	149	228320	46.496	nq	# 80
80) Benzo(a)anthracene	22.39	228	728013	46.265	nq	97
81) 3,3'-Dichlorobenzidine	22.28	252	70732	11.602	nq	# 98
82) Chrysene	22.46	228	678662	44.659	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	323070	46.400	nq	# 99
84) Di-n-octyl phthalate	23.59	149	557190	50.454	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.33	276	901386	46.888	nq	# 85
87) Benzo(b)fluoranthene	24.90	252	782760	48.016	nq	# 96
88) Benzo(k)fluoranthene	24.98	252	767727	47.540	nq	# 96
89) Benzo(a)pyrene	25.91	252	758996	48.836	nq	# 93
90) Dibenzo(a,h)anthracene	30.42	278	750831	47.226	nq	# 93
91) Benzo(g,h,i)perylene	31.68	276	718306	45.518	nq	# 91

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



#1

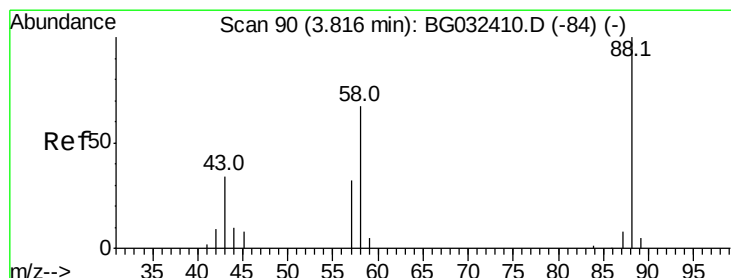
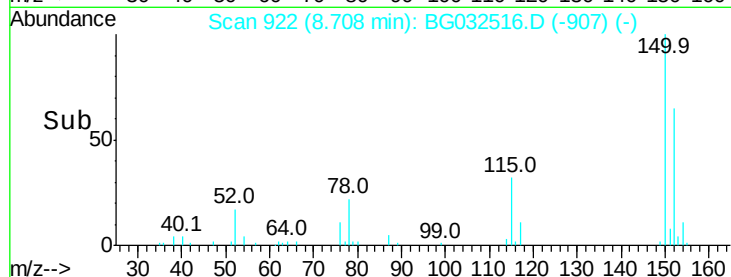
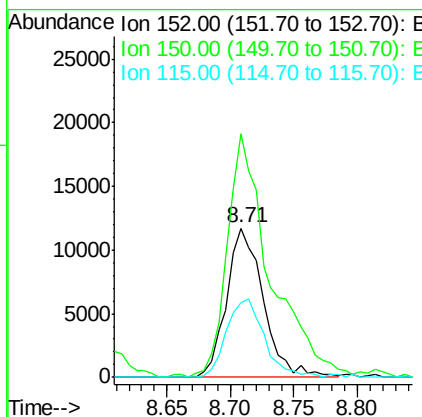
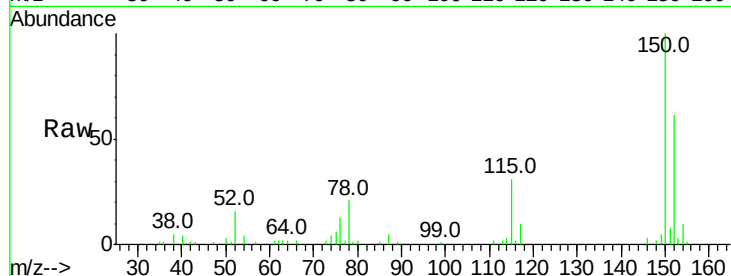
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	126.6	189.8
115	50.0	53.0	79.4

Manual Integrations
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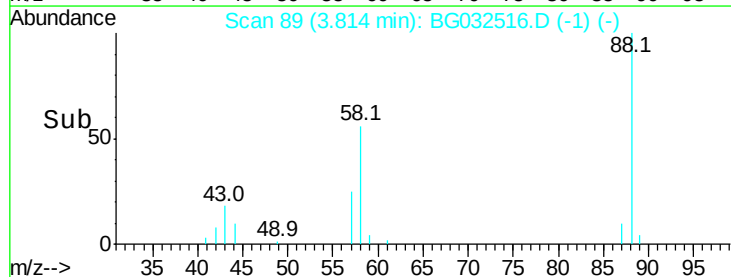
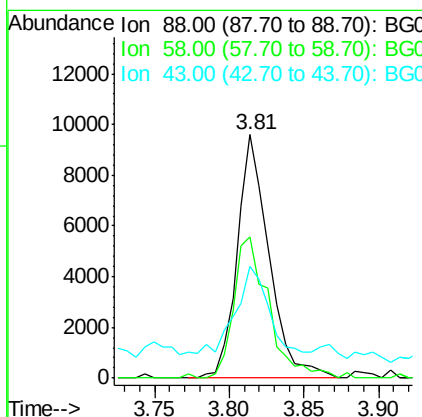
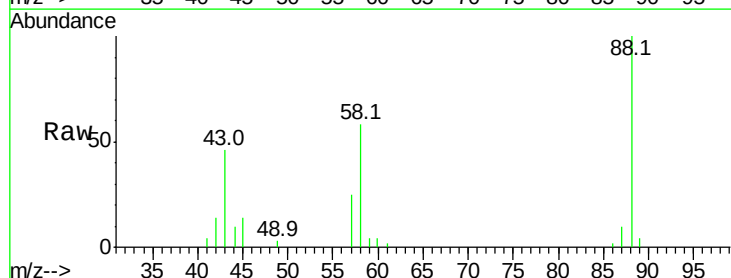
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2/5/2018 11:15:08 AM

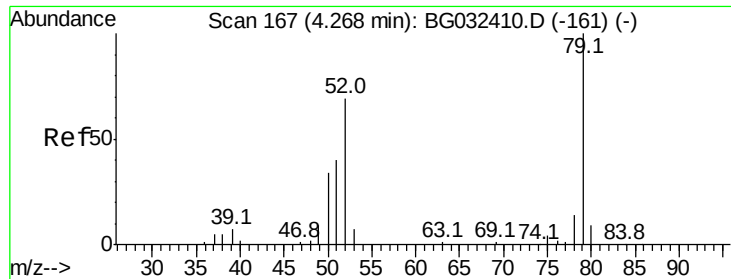


#2

1,4-Dioxane
Concen: 35.974 ng
RT: 3.81 min Scan# 89
Delta R.T. -0.00 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	79.6	119.4
43	36.1	27.4	41.0





#3

Pvridine

Concen: 33.121 ng

RT: 4.27 min Scan# 167

Delta R.T. 0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

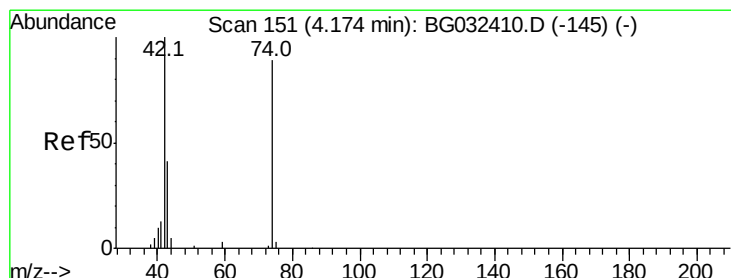
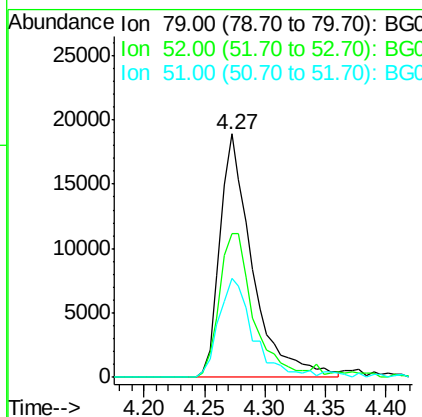
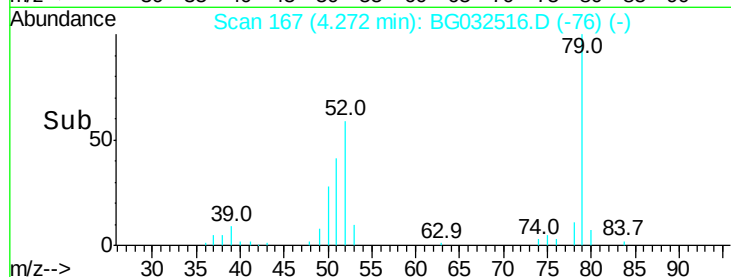
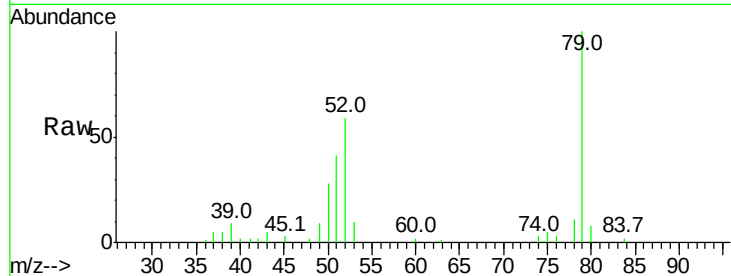
ClientSampleId :

NB-08-020118MSD

Tot Ion:	79	Resp:	35311
Ion Ratio	Lower	Upper	
79	100		
52	58.9	69.9	104.9#
51	40.8	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.115 ng

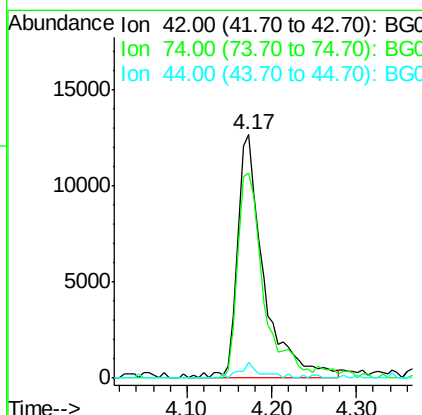
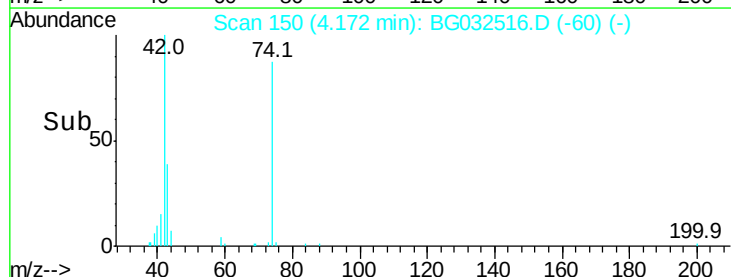
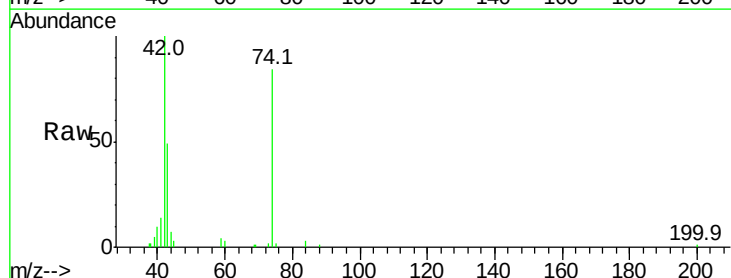
RT: 4.17 min Scan# 150

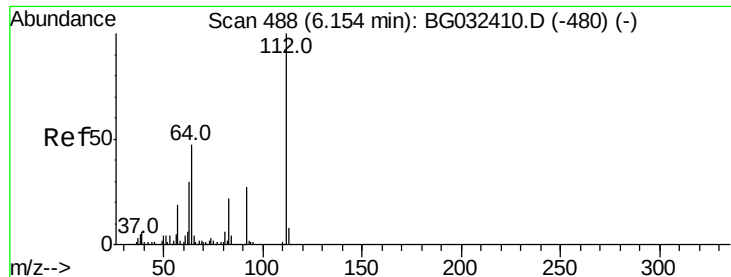
Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:	42	Resp:	27258
Ion Ratio	Lower	Upper	
42	100		
74	84.1	102.5	153.7#
44	6.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.251 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion:112 Resp: 159895

Ion Ratio Lower Upper

112 100

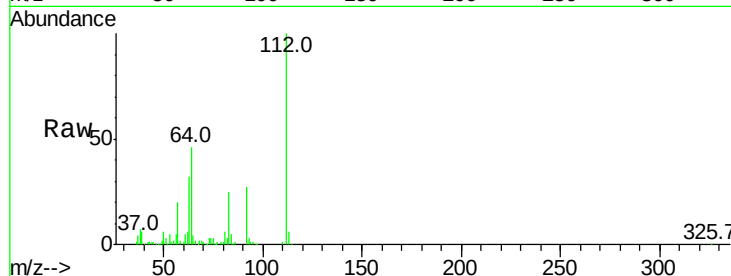
64 46.1 56.3 84.5#

63 31.9 30.1 45.1

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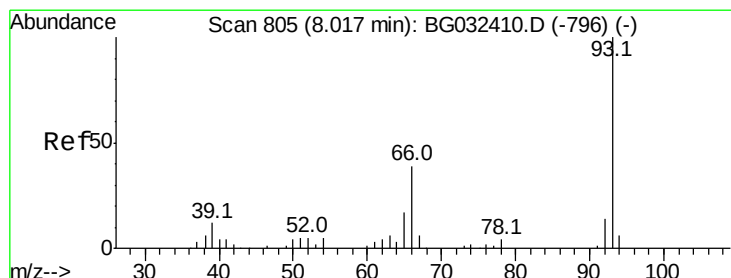
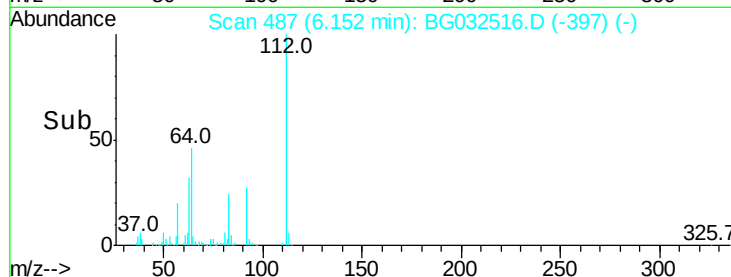
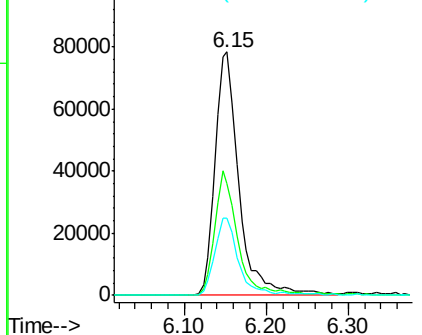
2/5/2018 11:15:08 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.624 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

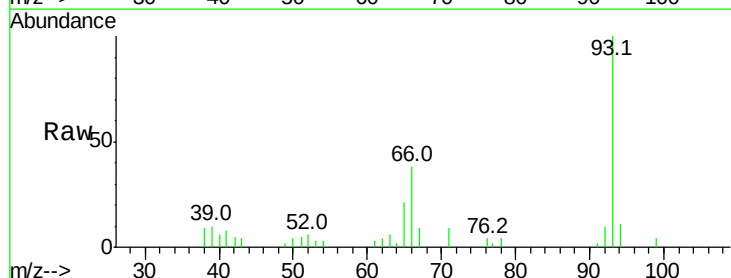
Tgt Ion: 93 Resp: 18790

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

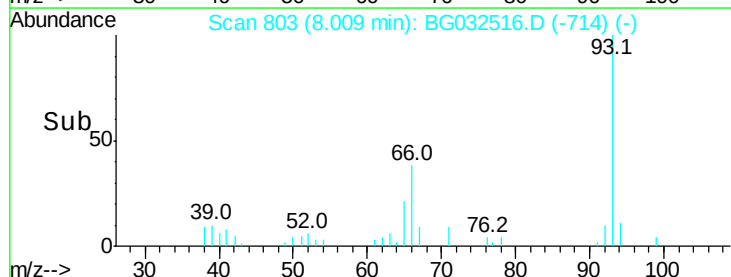
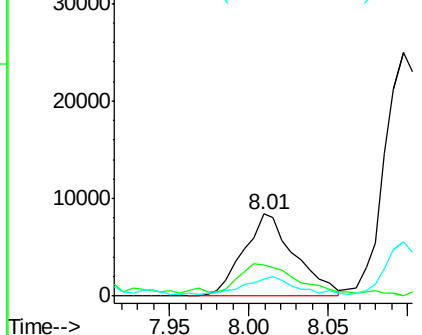
65 20.9 16.1 24.1

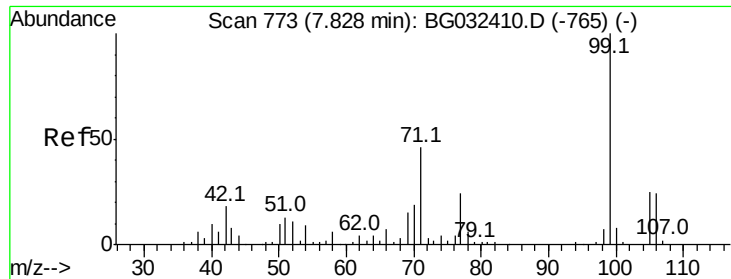


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.640 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion: 99 Resp: 190486

Ion Ratio Lower Upper

99 100

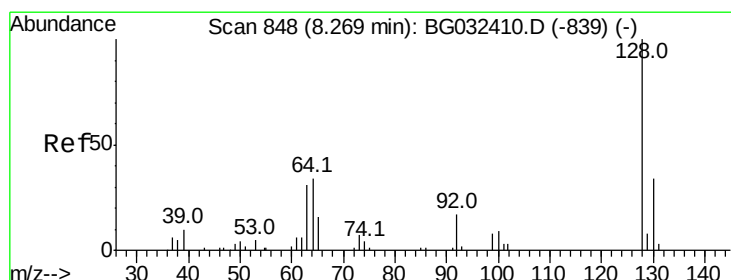
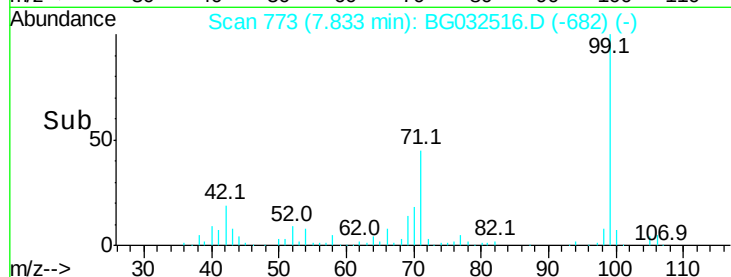
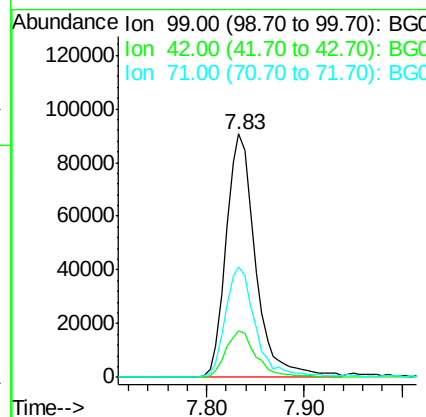
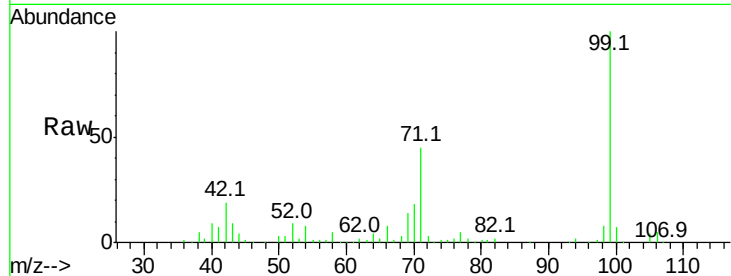
42 19.0 14.1 21.1

71 45.3 26.1 39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.502 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

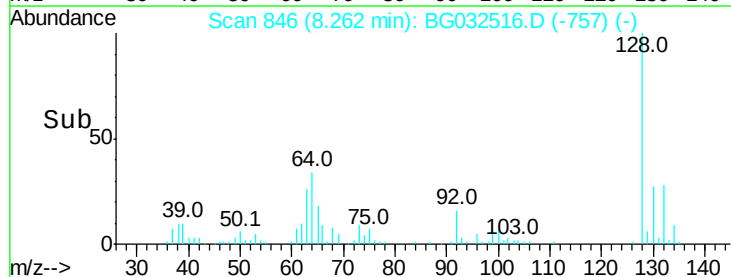
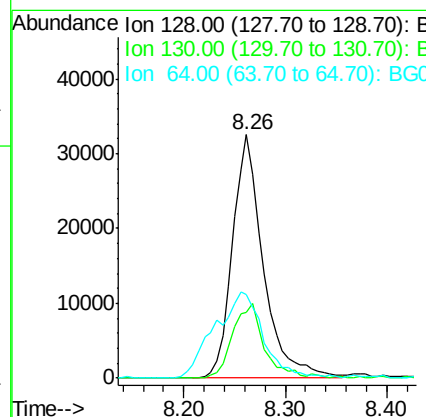
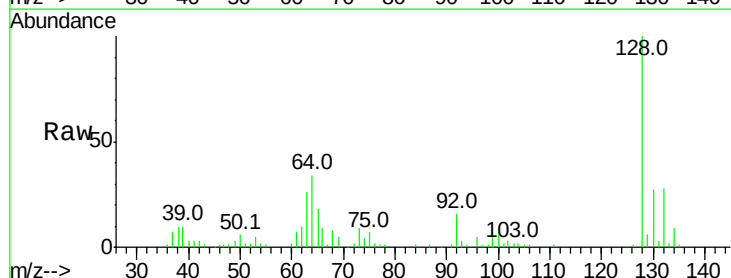
Tgt Ion:128 Resp: 68668

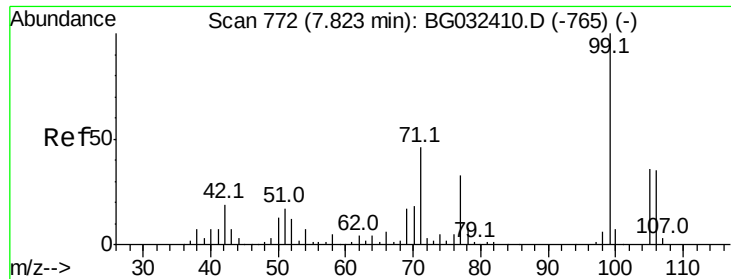
Ion Ratio Lower Upper

128 100

130 27.1 14.0 54.0

64 34.4 37.7 77.7#





#9

Benzaldehyde

Concen: 25.851 ng/mL

RT: 7.82 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleID :

NB-08-020118MSD

Tot Ion: 77 Resp: 20909

Ion Ratio Lower Upper

77 100

105 106.1 71.3 111.3

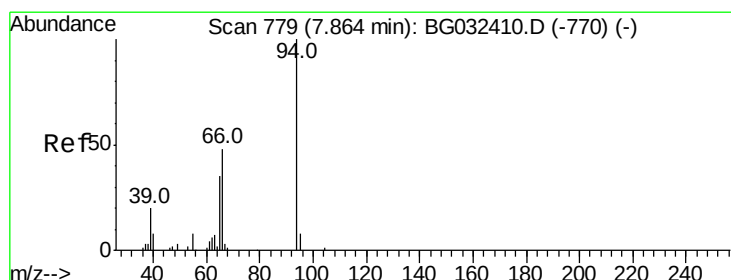
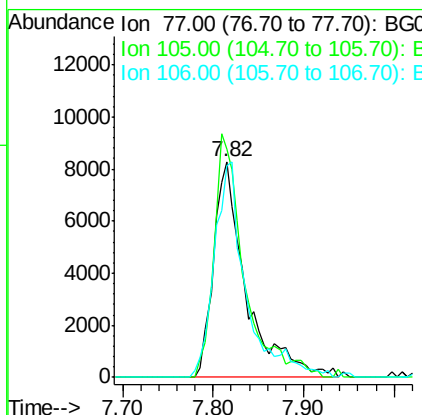
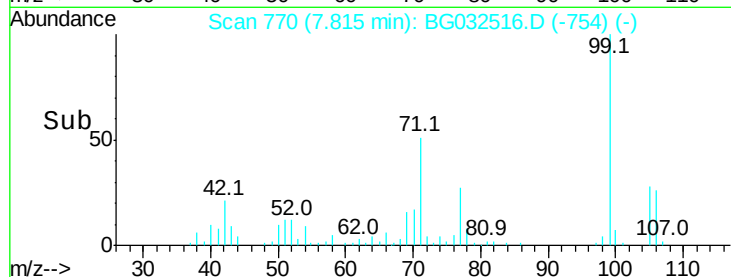
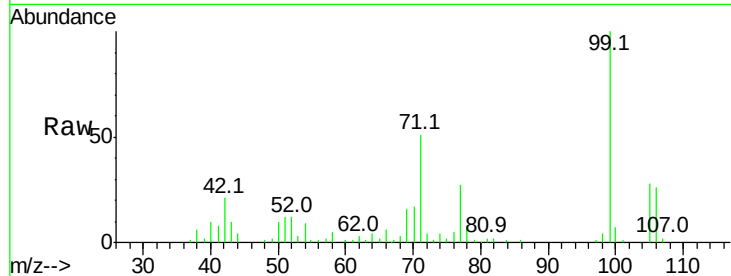
106 98.4 64.2 104.2

Manual Integrations

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#10

Phenol

Concen: 42.675 ng/mL

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

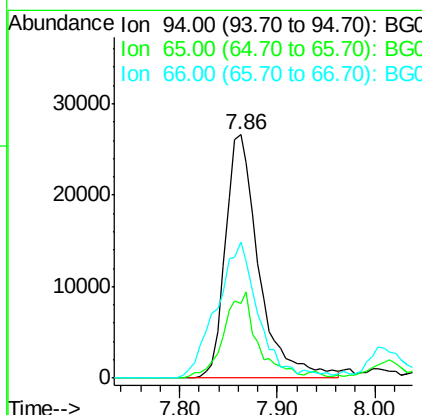
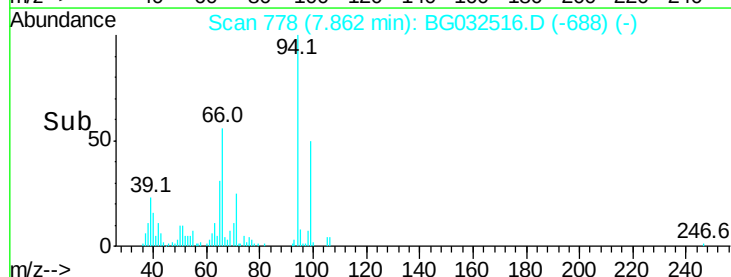
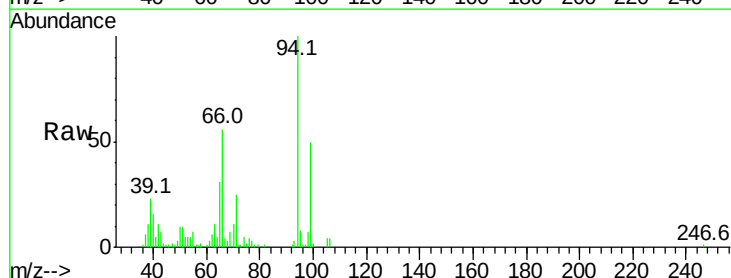
Tgt Ion: 94 Resp: 63463

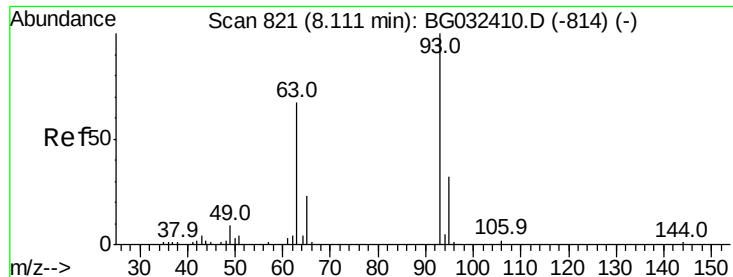
Ion Ratio Lower Upper

94 100

65 30.6 11.9 51.9

66 56.0 22.2 62.2





#11

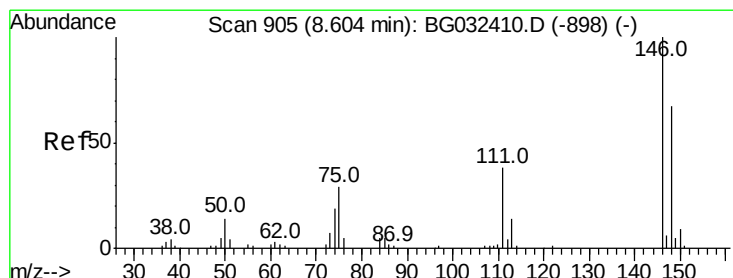
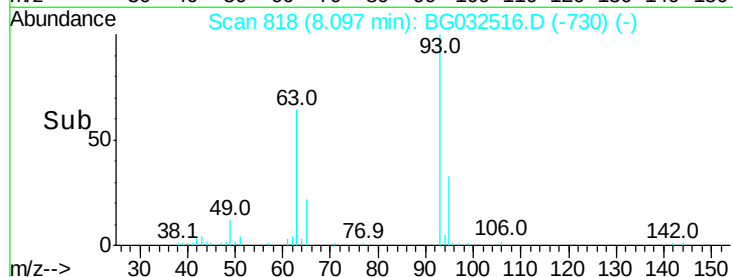
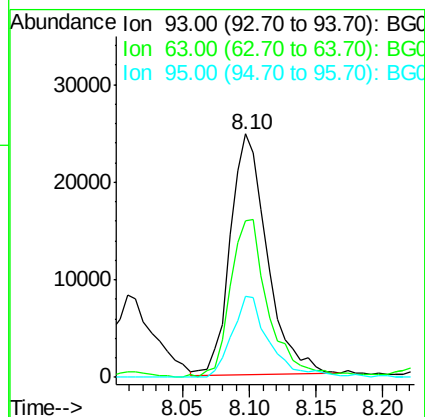
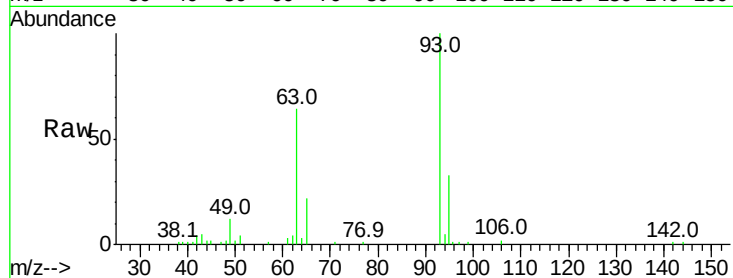
bis(2-Chloroethyl)ether
Concen: 41.797 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.4	67.1	107.1#
95	33.5	11.5	51.5

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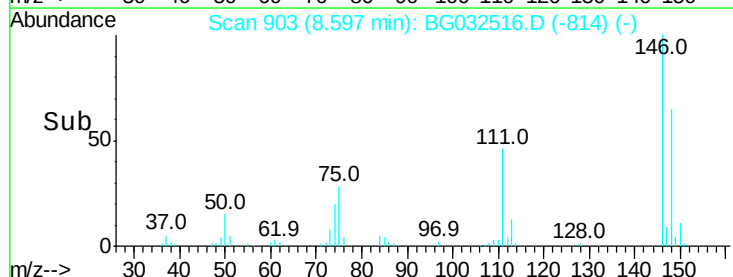
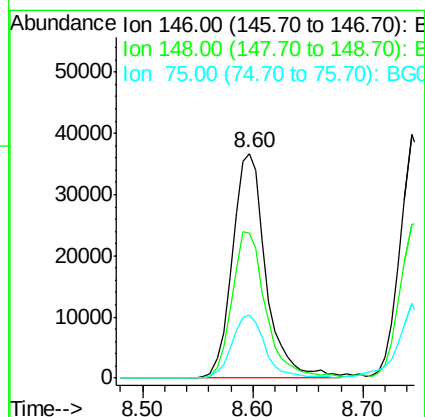
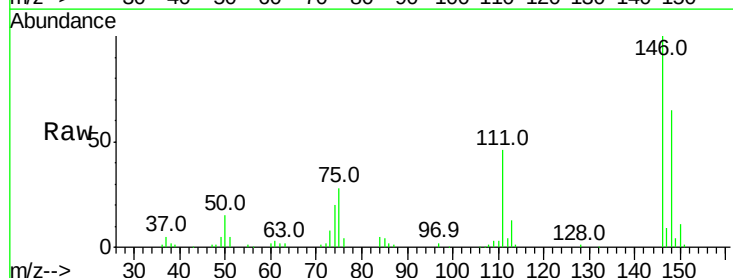
Sohil
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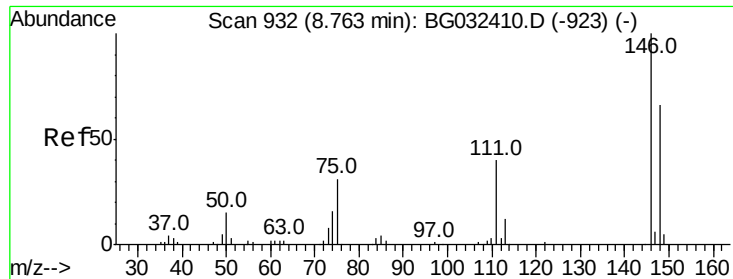


#12

1,3-Dichlorobenzene
Concen: 41.611 ng
RT: 8.60 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	27.9	26.6	39.8





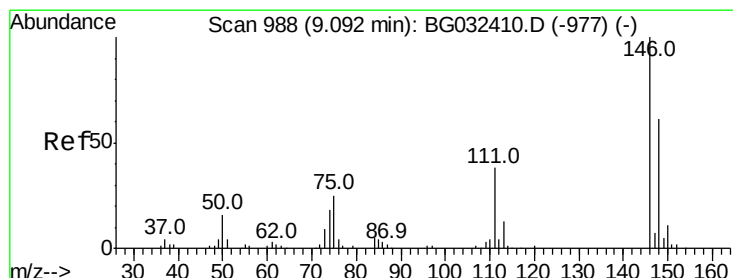
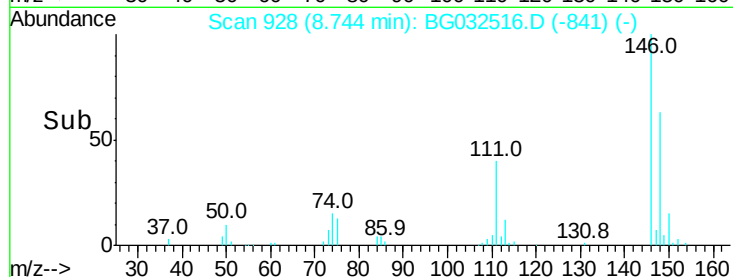
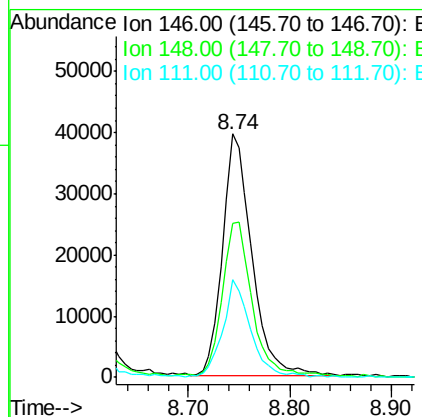
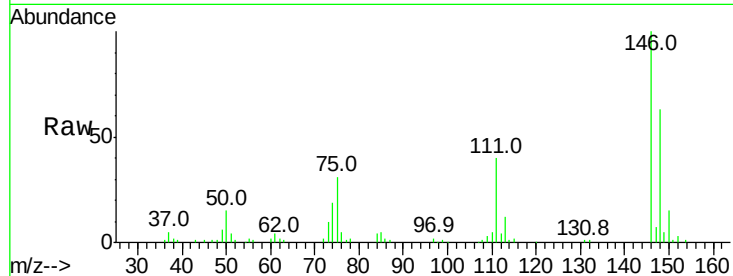
#13
 1,4-Dichlorobenzene
 Concen: 42.215 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.7	80.5
111	40.2	35.2	52.8

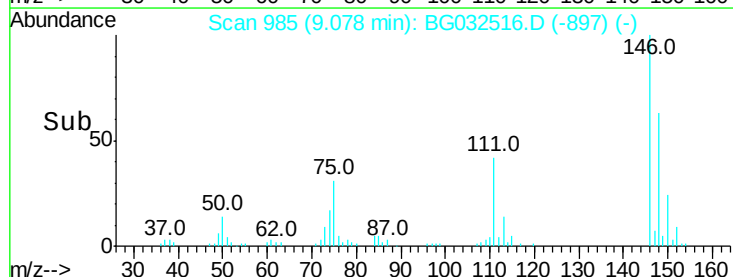
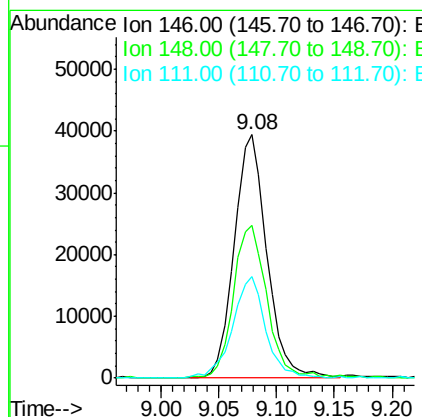
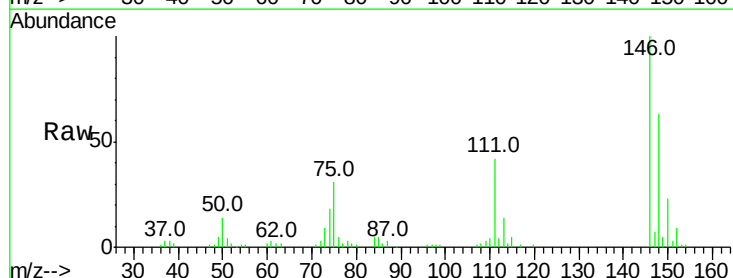
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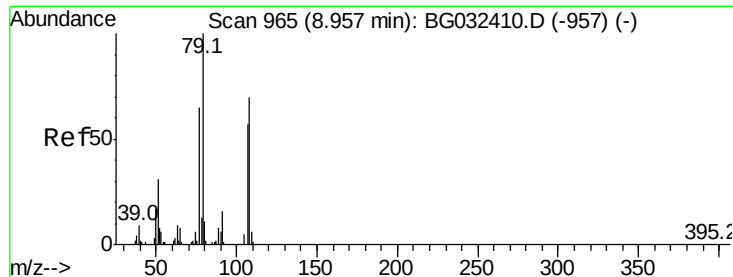
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#14
 1,2-Dichlorobenzene
 Concen: 41.919 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.3	73.9
111	41.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 43.337 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

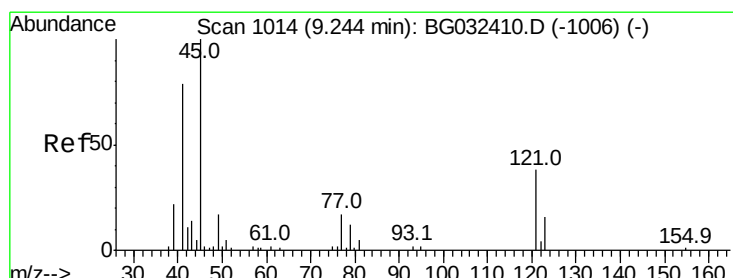
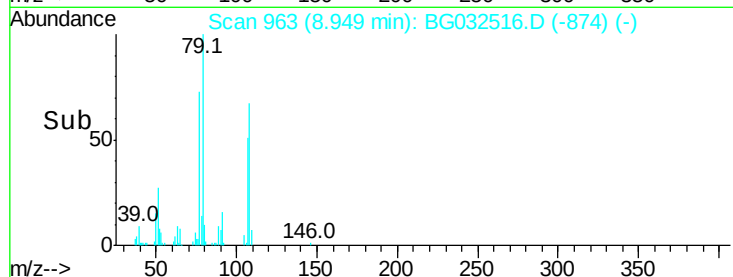
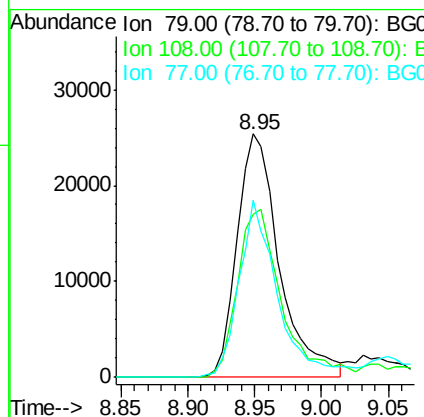
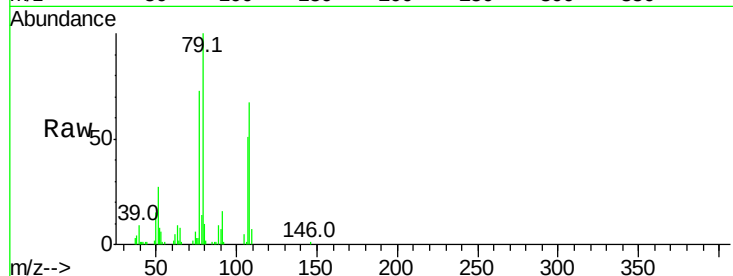
ClientSampleId :

NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.9	57.2	85.8
77	73.0	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.083 ng

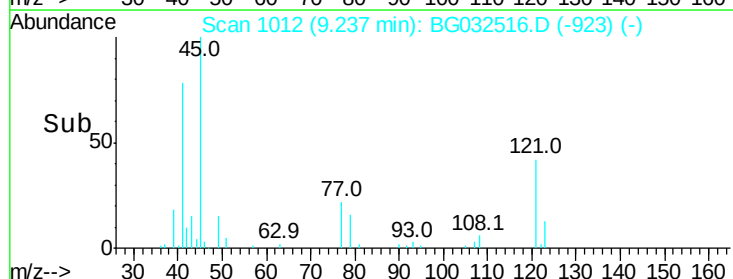
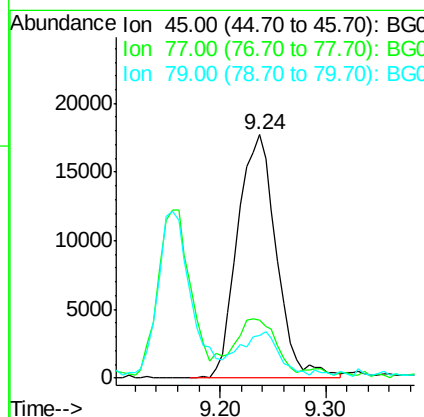
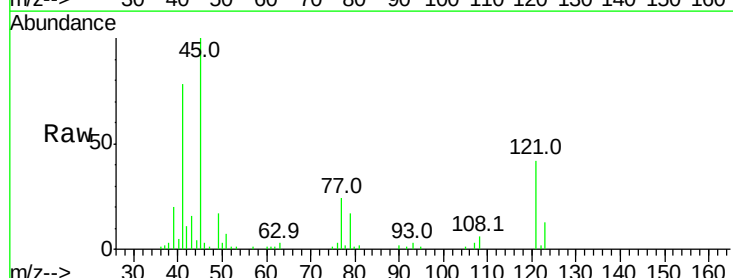
RT: 9.24 min Scan# 1012

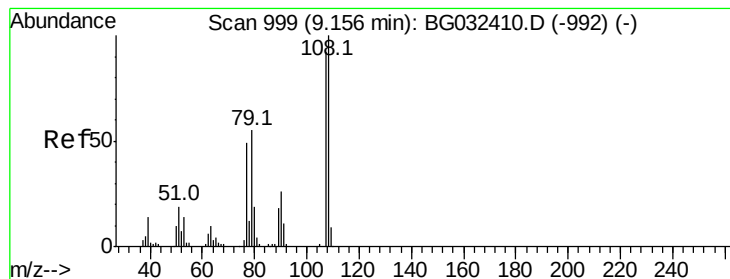
Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.9	0.0	30.2
79	17.3	0.0	27.9





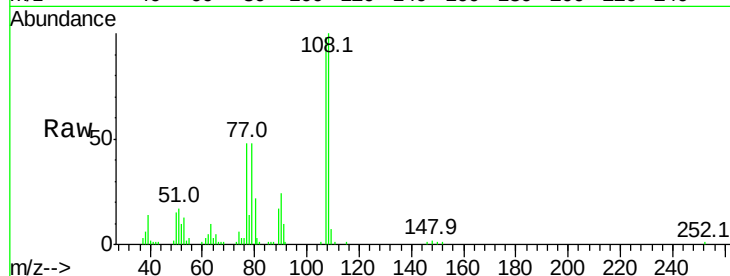
#17
2-Methylphenol
Concen: 43.752 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

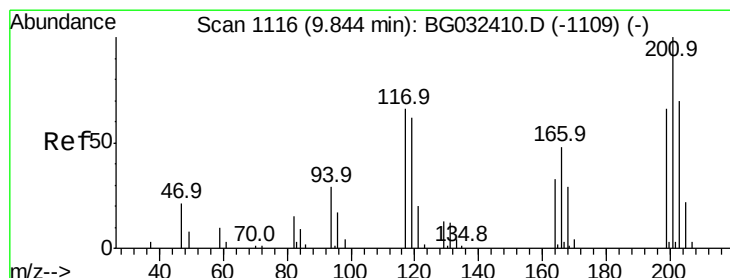
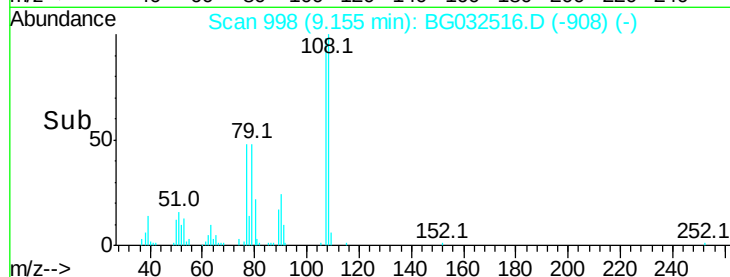
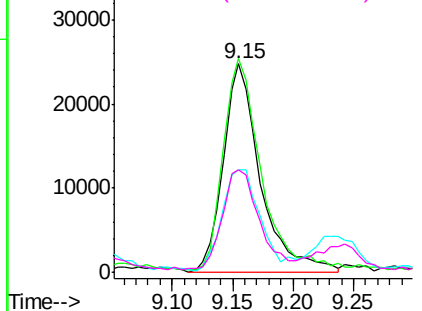
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	102.5	83.9	125.9	
77	49.4	37.2	55.8	
79	49.1	36.2	54.2	

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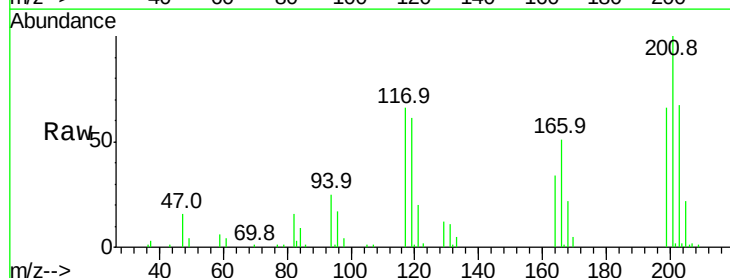


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

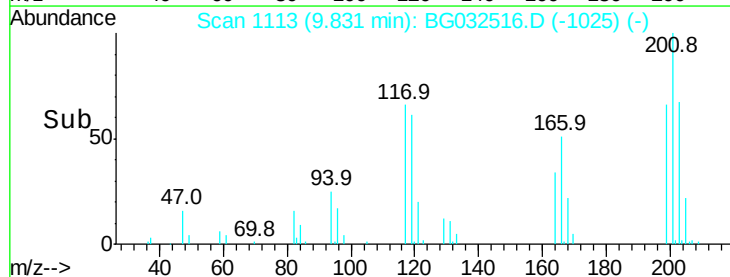
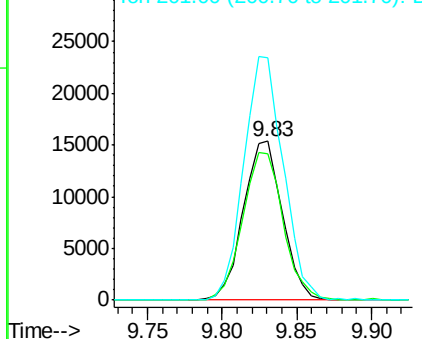


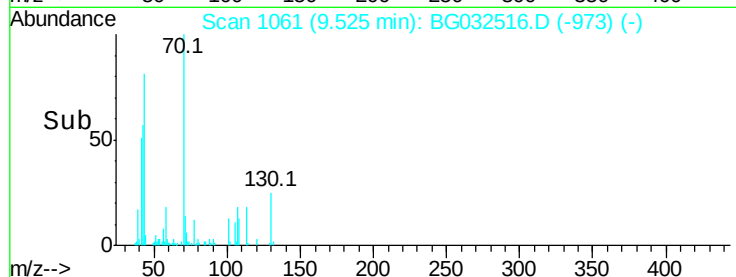
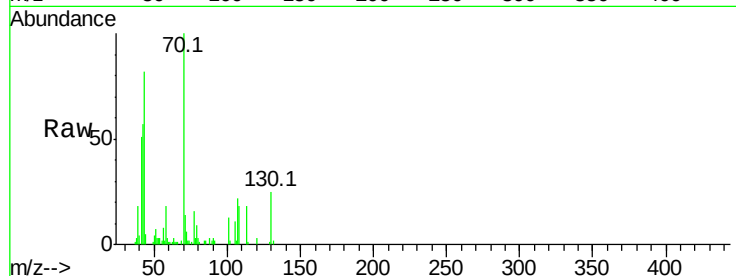
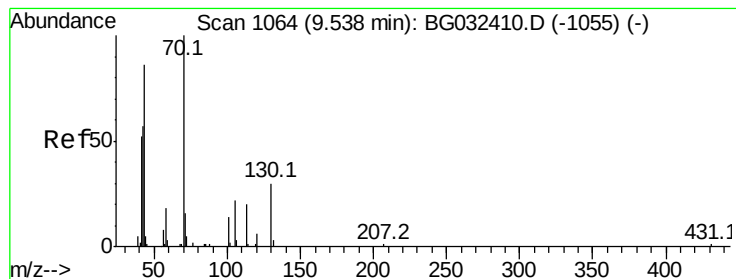
#18
Hexachloroethane
Concen: 44.068 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	76.7	115.1	
201	152.6	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: 41.528 ng

RT: 9.52 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

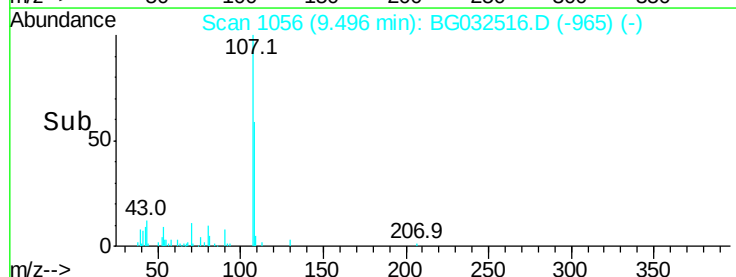
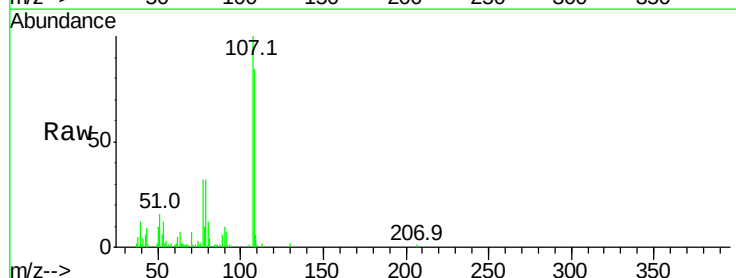
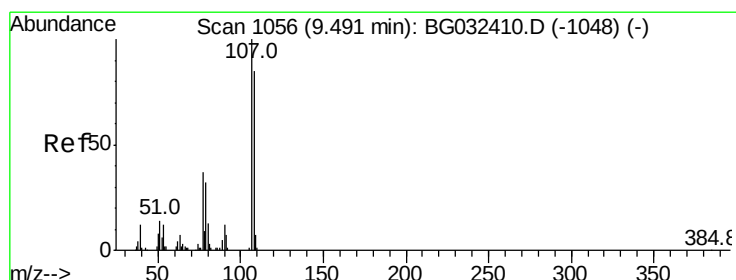
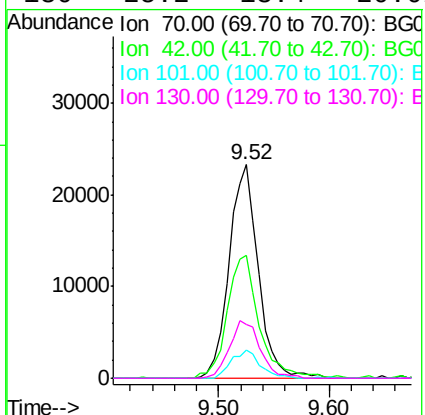
NB-08-020118MSD

Tot Ion: 70 Resp: 43119

Ion	Ratio	Lower	Upper
70	100		
42	57.4	49.1	73.7
101	13.3	8.5	12.7
130	25.2	13.4	20.0

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#20

3+4-Methylphenols

Concen: 42.670 ng

RT: 9.50 min Scan# 1056

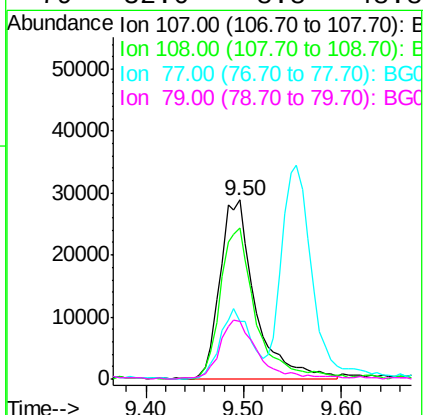
Delta R.T. 0.00 min

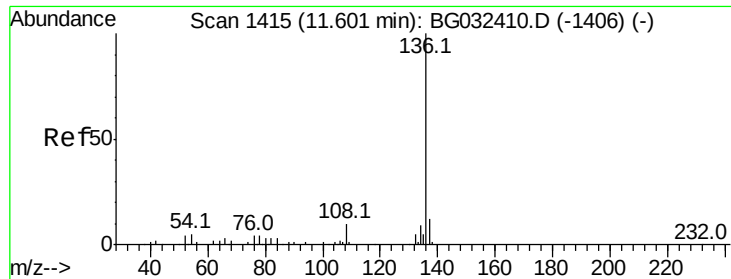
Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion: 107 Resp: 72292

Ion	Ratio	Lower	Upper
107	100		
108	84.1	61.6	101.6
77	32.2	13.9	53.9
79	32.0	8.8	48.8





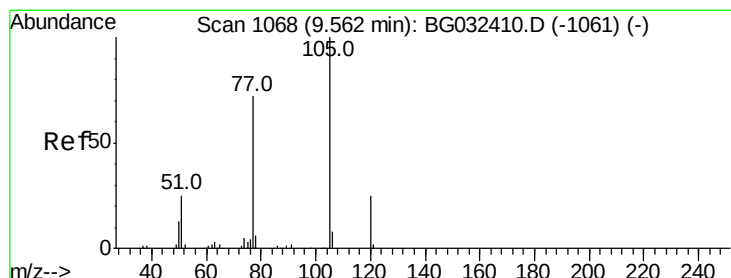
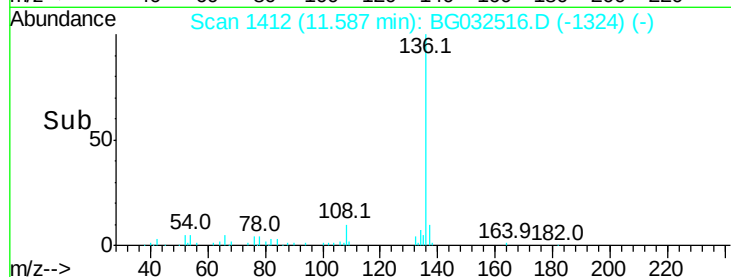
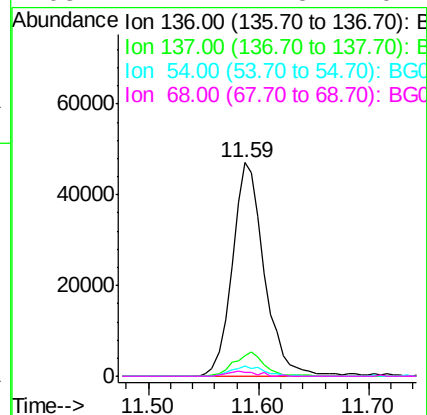
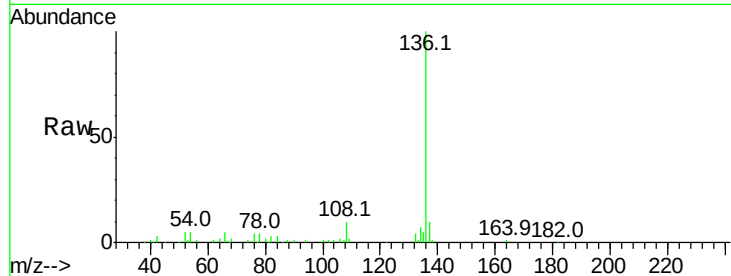
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	4.9	10.3	15.5#
68	1.7	4.5	6.7#

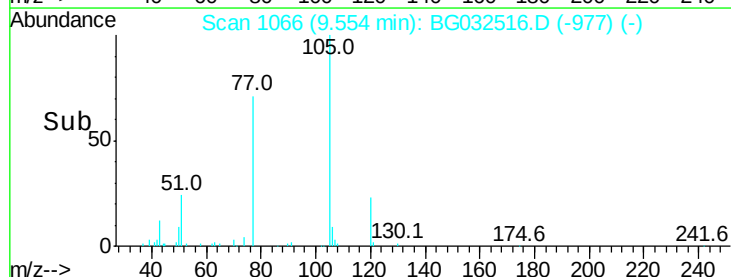
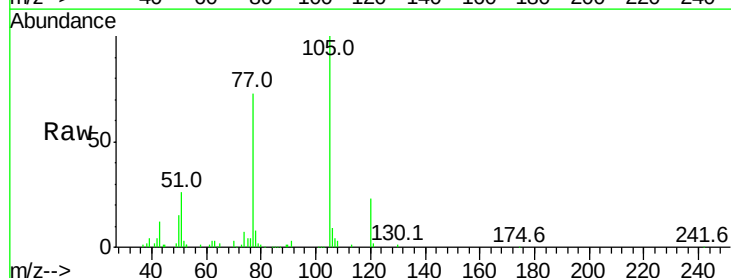
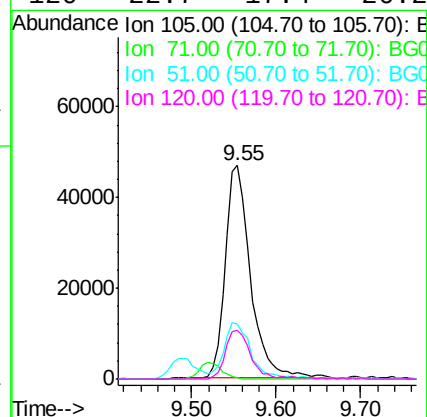
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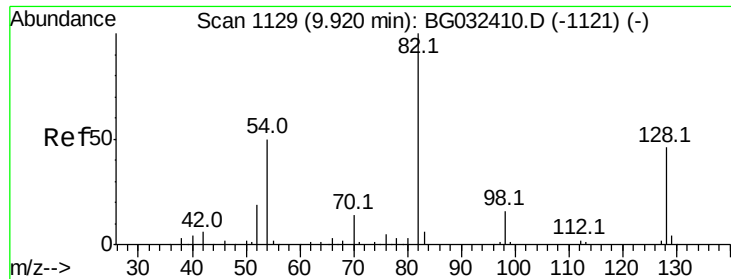
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#22
Acetophenone
Concen: 43.483 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	3.0	4.4#
51	26.1	26.1	39.1#
120	22.7	17.4	26.2





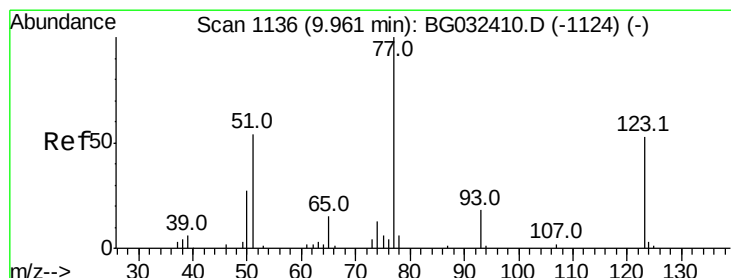
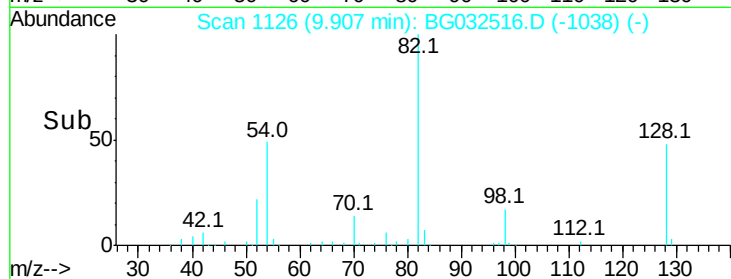
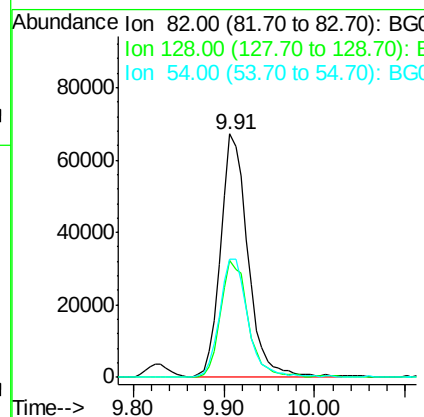
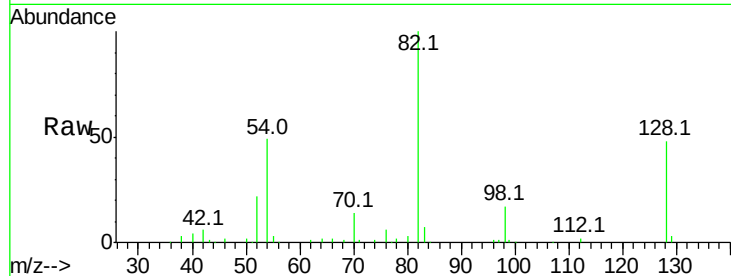
#23
 Nitrobenzene-d5
 Concen: 92.255 ng
 RT: 9.91 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.0	29.7	44.5#	
54	48.6	43.1	64.7	

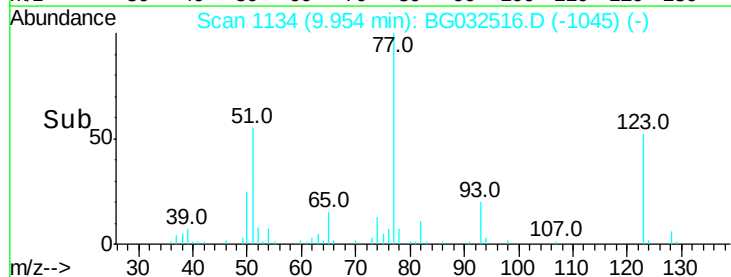
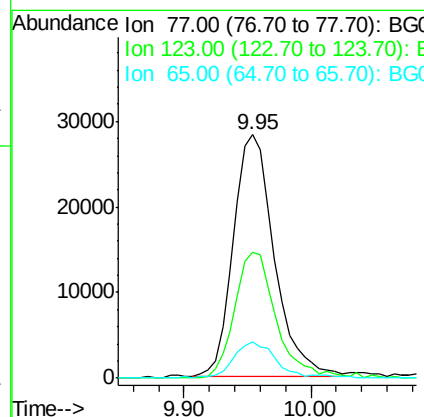
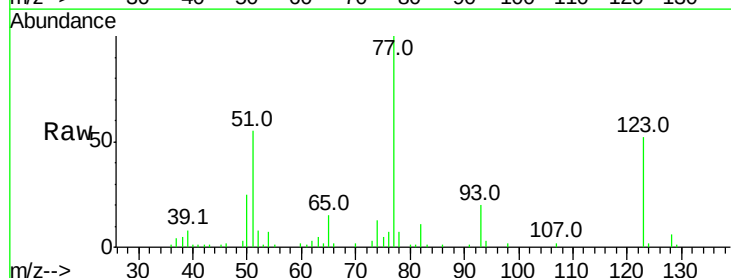
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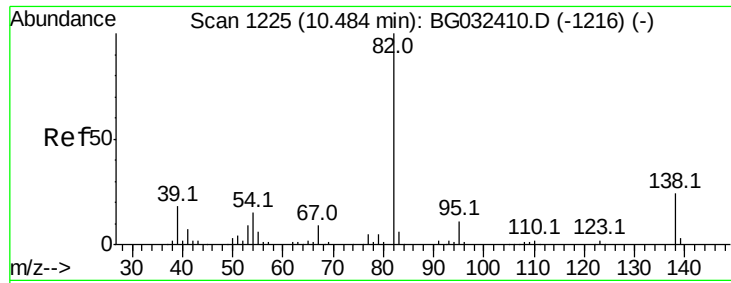
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#24
 Nitrobenzene
 Concen: 42.632 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.7	33.0	49.6#	
65	14.7	13.0	19.6	





#25

Isophorone

Concen: 49.767 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion: 82 Resp: 129196

Ion Ratio Lower Upper

82 100

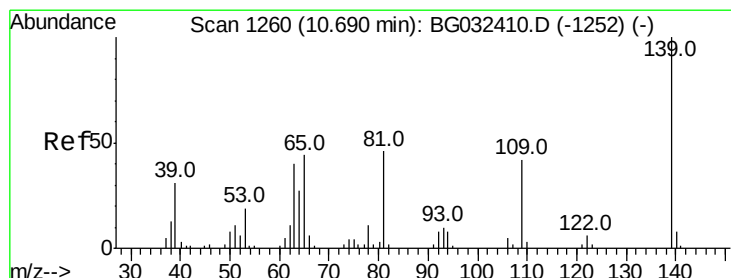
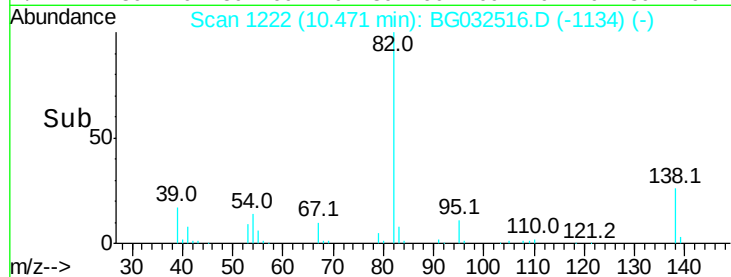
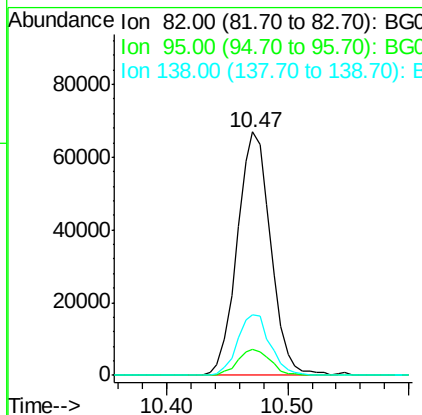
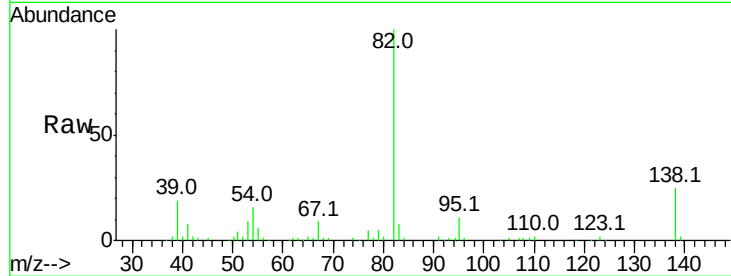
95 10.9 6.2 9.2#

138 24.7 12.1 18.1#

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#26

2-Nitrophenol

Concen: 44.159 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

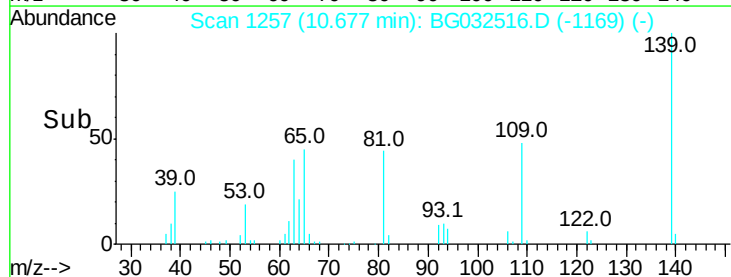
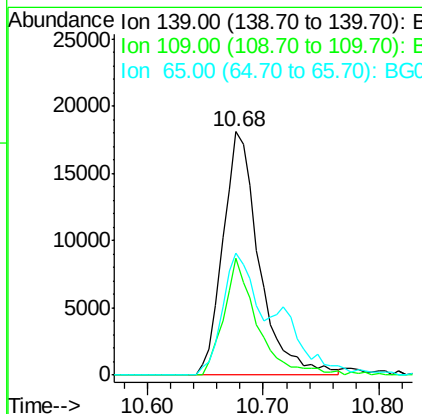
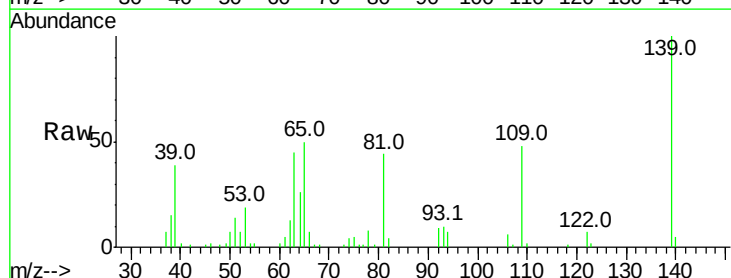
Tgt Ion: 139 Resp: 39354

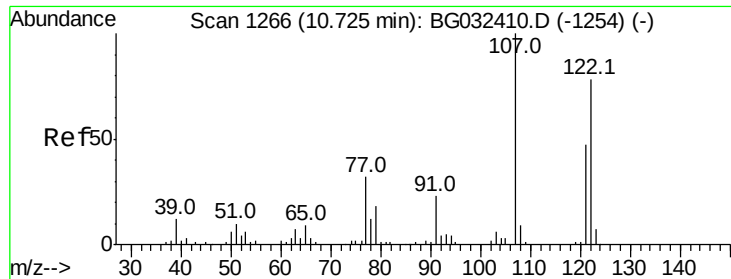
Ion Ratio Lower Upper

139 100

109 47.8 24.2 36.2#

65 50.1 47.4 71.0





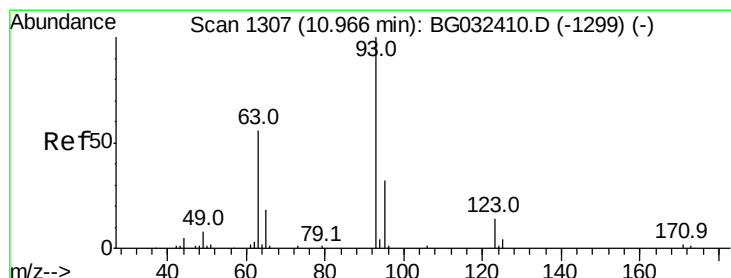
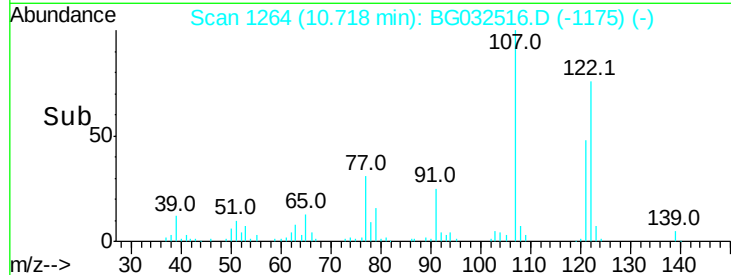
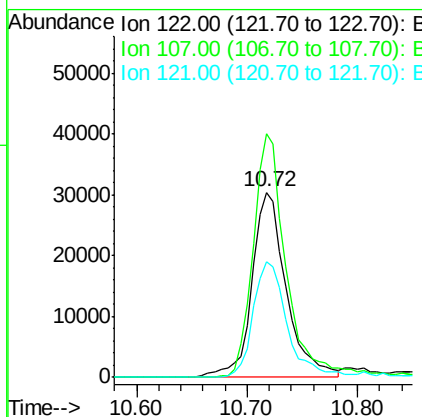
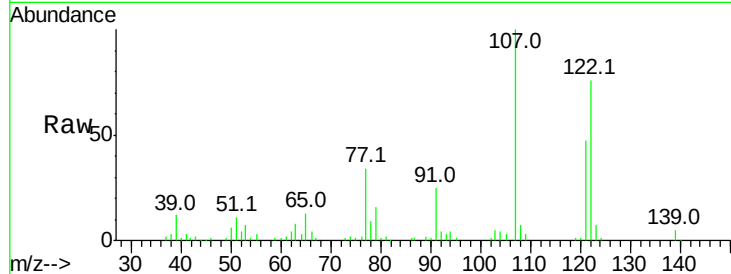
#27
 2,4-Dimethylphenol
 Concen: 51.687 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		66115		
107	131.6	100.2	150.2		
121	62.3	44.4	66.6		

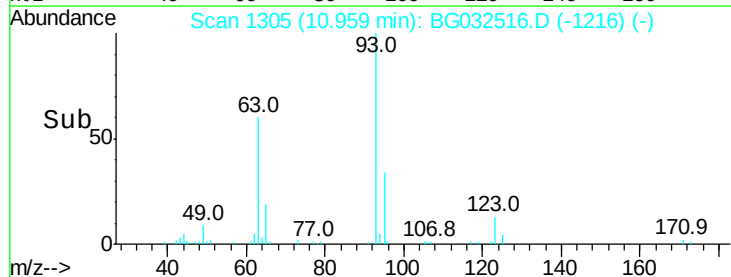
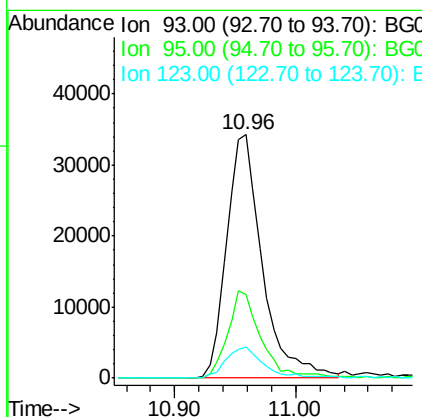
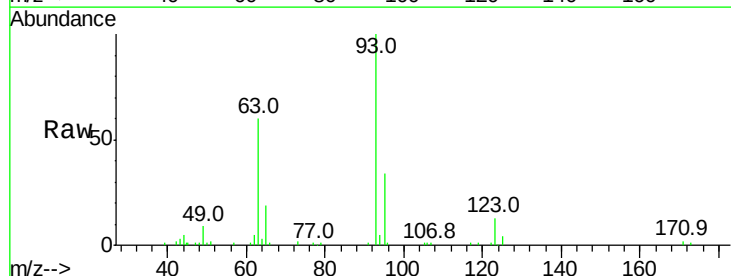
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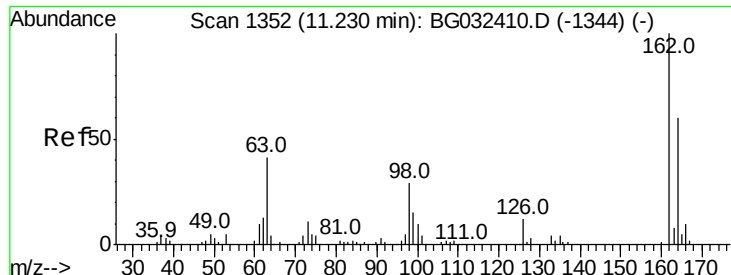
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.375 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		70288		
95	34.2	24.3	36.5		
123	13.5	8.4	12.6#		





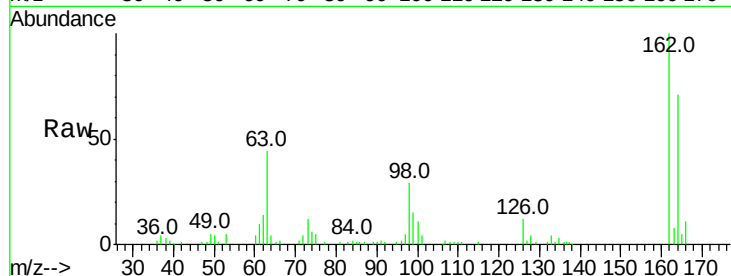
#29
2,4-Dichlorophenol
Concen: 50.391 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

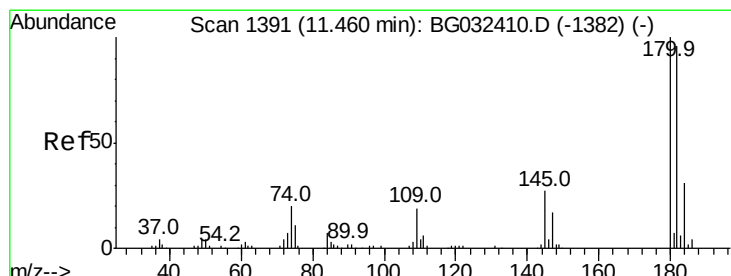
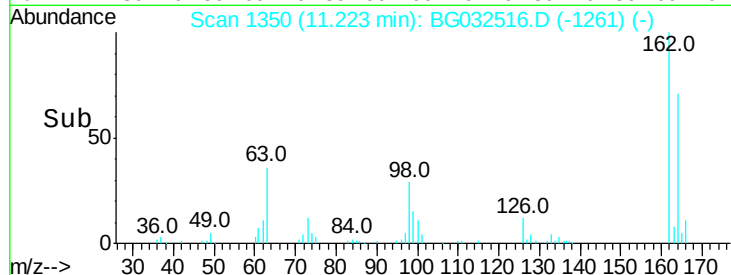
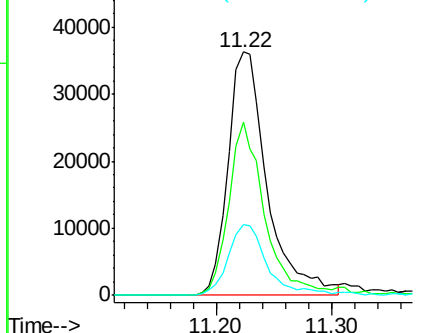
Tot Ion	Ratio	Lower	Upper
162	100		
164	71.1	48.0	88.0
98	29.0	21.1	61.1

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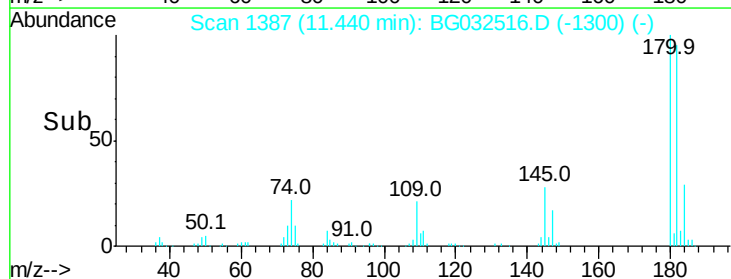
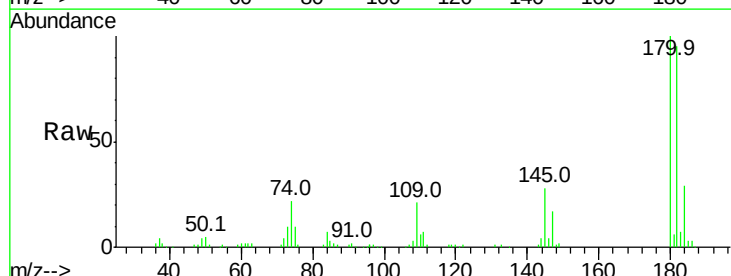
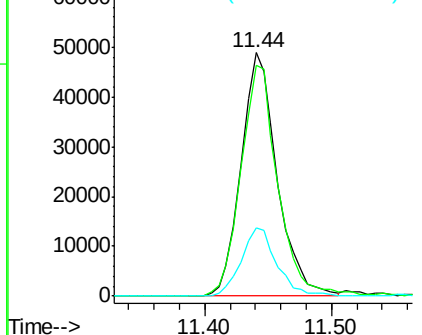
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

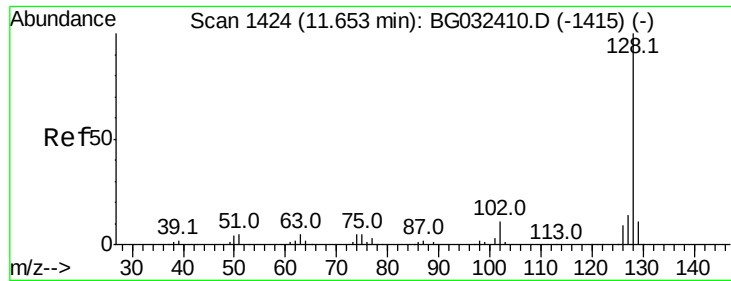


#30
1,2,4-Trichlorobenzene
Concen: 42.716 ng
RT: 11.44 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	28.3	23.4	35.2

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





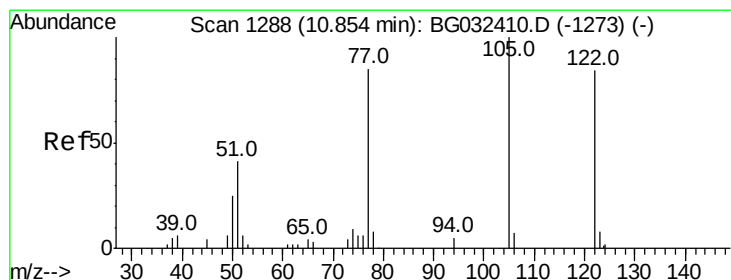
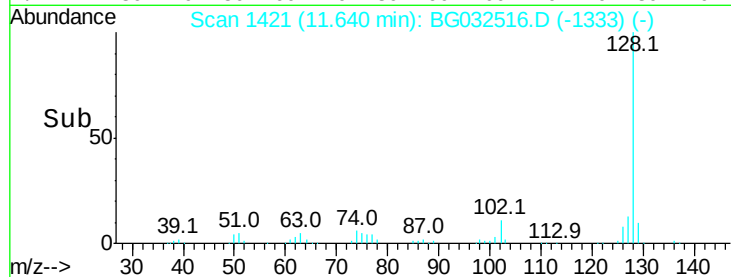
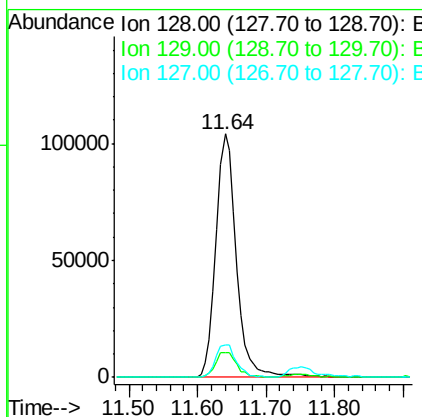
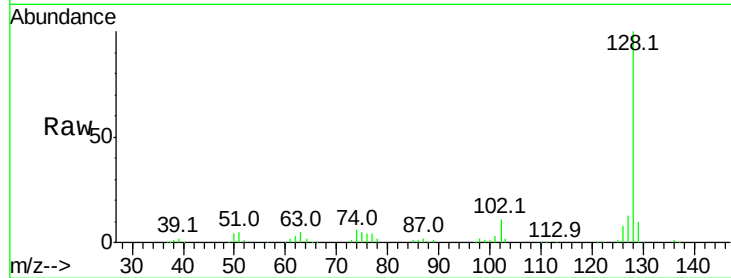
#31
Naphthalene
Concen: 46.333 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	13.4	11.6	17.4

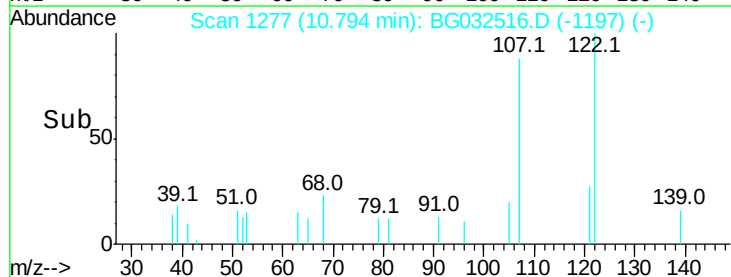
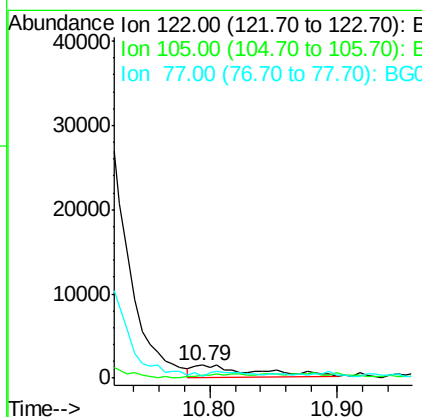
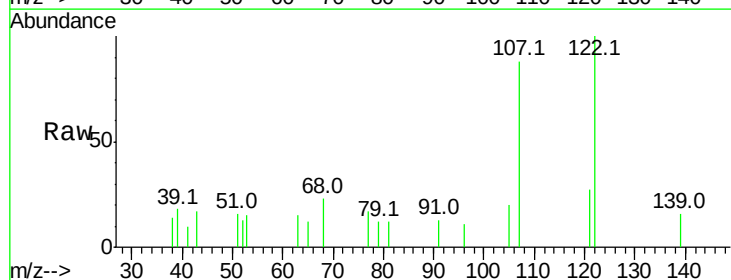
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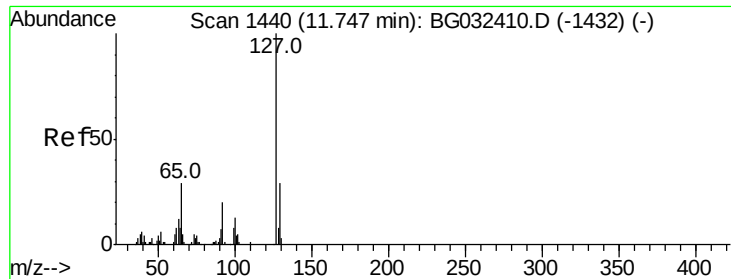
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#32
Benzoic acid
Concen: 11.765 ng m
RT: 10.79 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	20.4	123.5	163.5#
77	16.8	85.7	125.7#





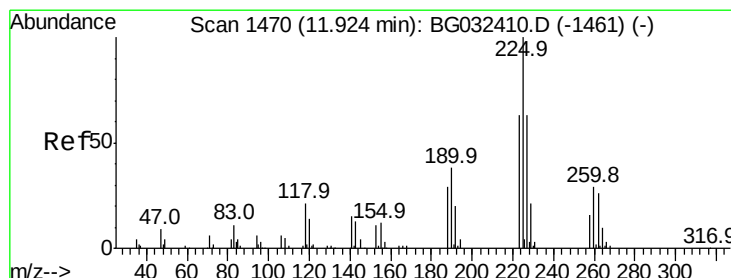
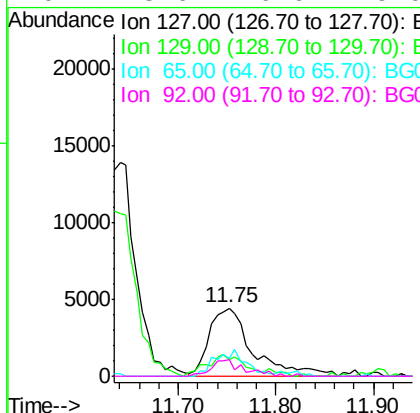
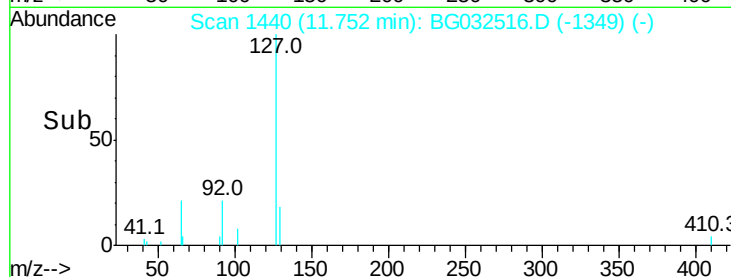
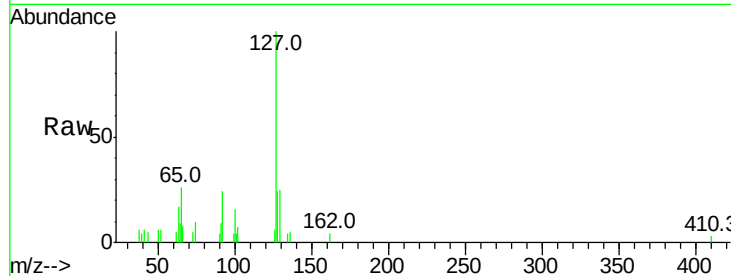
#33
4-Chloroaniline
Concen: 6.581 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	24.6	24.0	36.0		
65	25.6	27.0	40.4		
92	23.6	16.6	25.0		

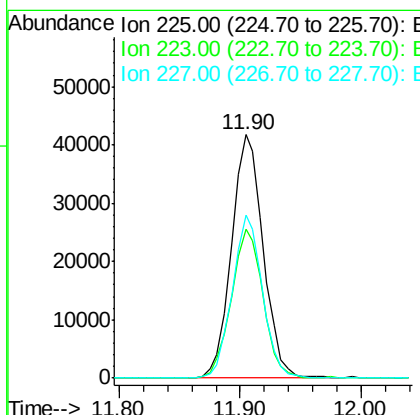
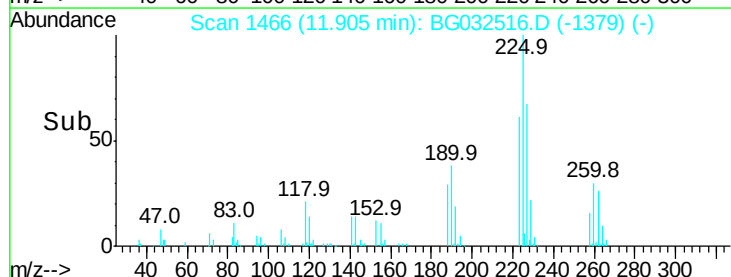
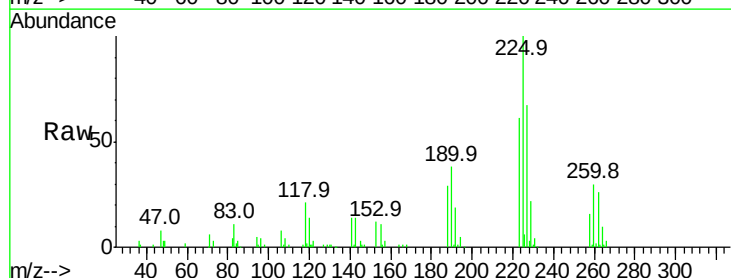
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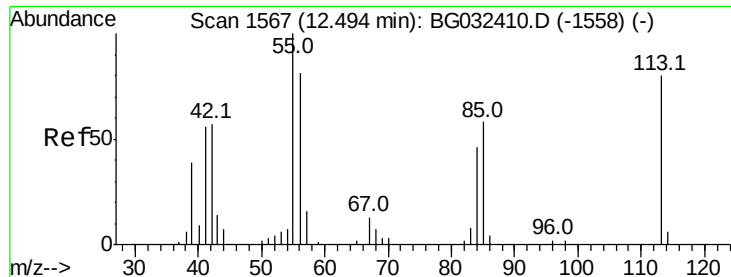
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#34
Hexachlorobutadiene
Concen: 43.306 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	49.7	74.5		
227	66.9	48.1	72.1		





#35

Caprolactam

Concen: 37.297 ng

RT: 12.49 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion:113 Resp: 18143

Ion Ratio Lower Upper

113 100

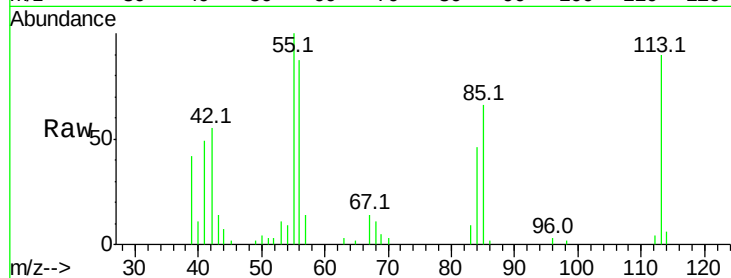
55 111.0 186.9 226.9#

56 96.7 130.9 170.9#

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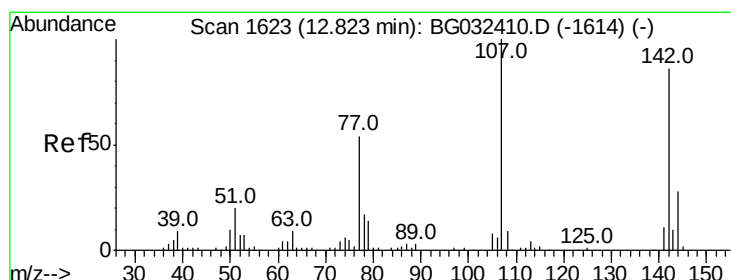
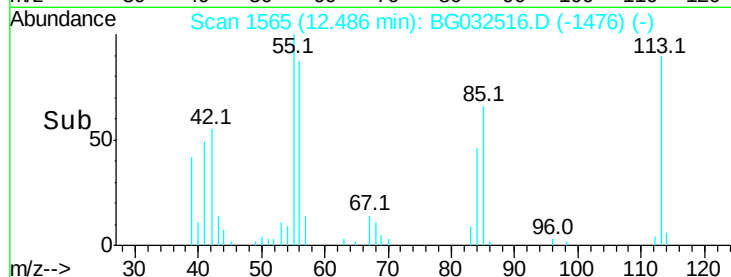
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

12.49

Time-->



#36

4-Chloro-3-methylphenol

Concen: 51.738 ng

RT: 12.83 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

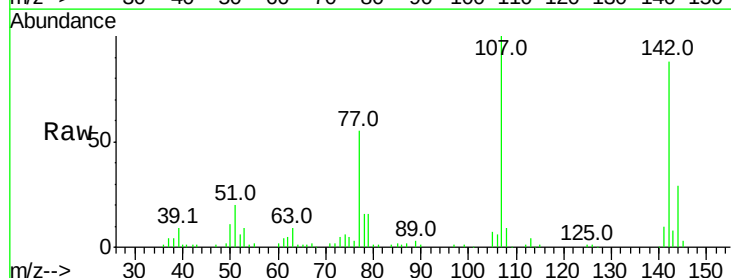
Tgt Ion:107 Resp: 83159

Ion Ratio Lower Upper

107 100

144 28.9 18.2 27.4#

142 88.4 59.0 88.4



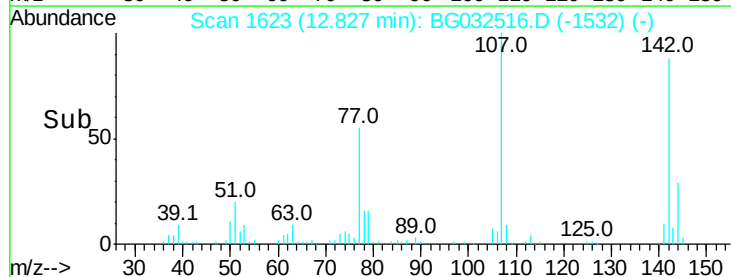
Abundance Ion 107.00 (106.70 to 107.70): E

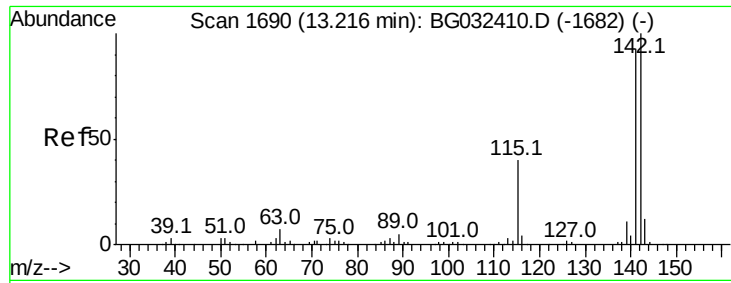
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.83

Time-->





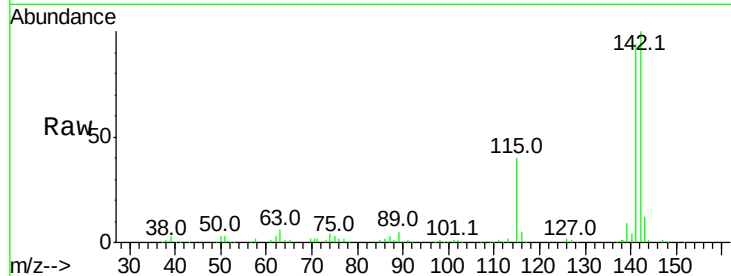
#37
2-Methylnaphthalene
Concen: 46.211 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

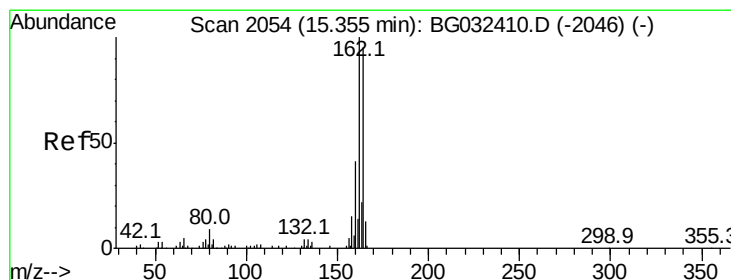
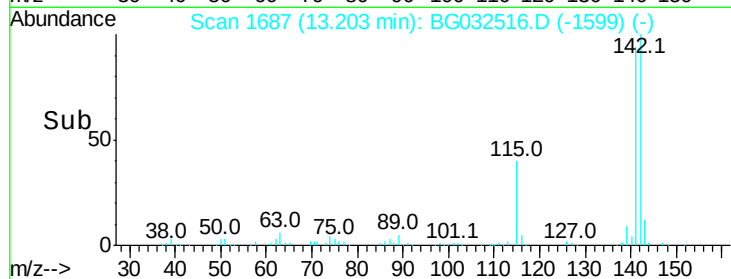
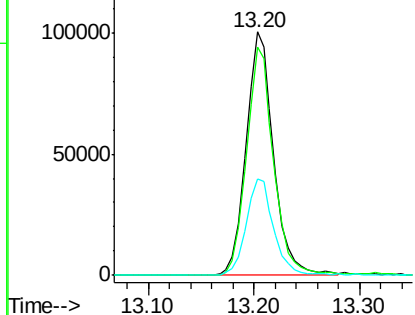
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	67.1	100.7
115	39.7	30.7	46.1

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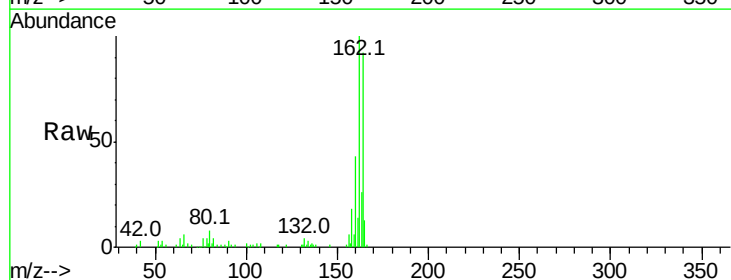


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

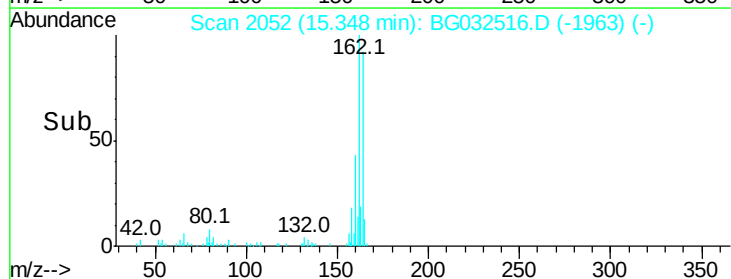
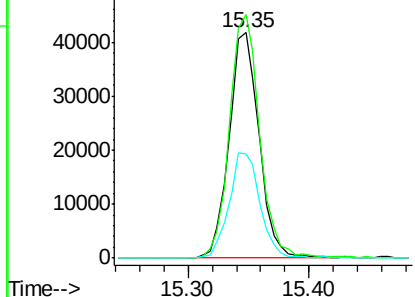


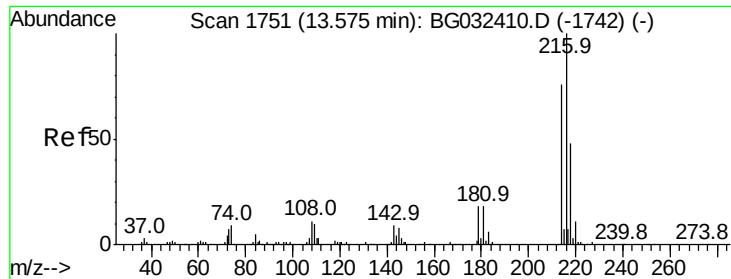
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	46.4	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





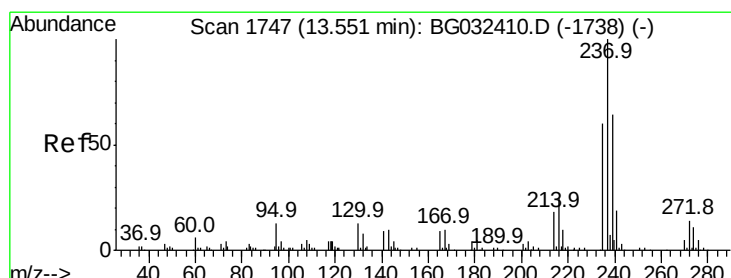
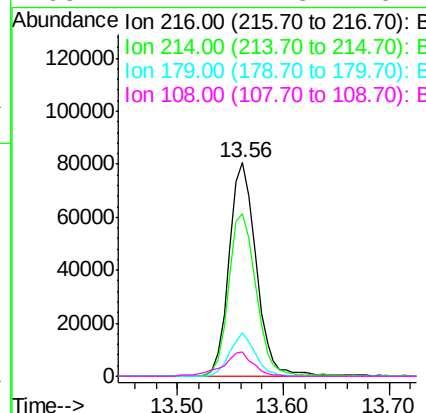
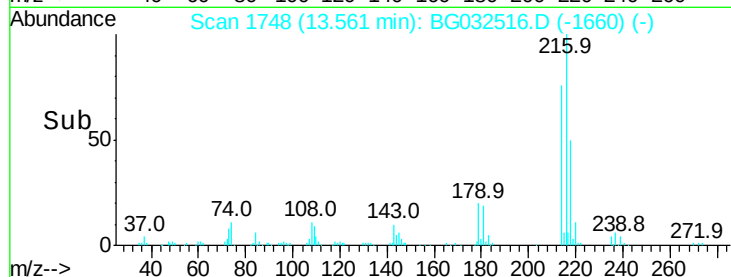
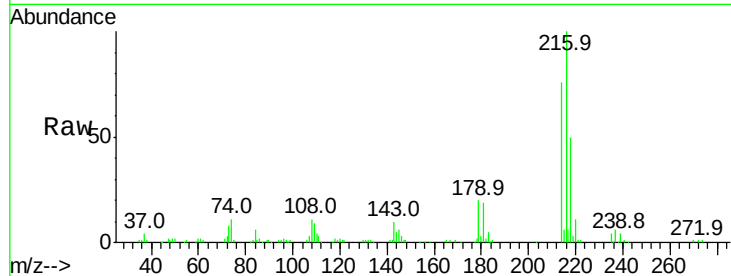
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.437 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	142845		
214	78.0	63.0	94.4	
179	19.0	17.0	25.6	
108	12.7	12.8	19.2	

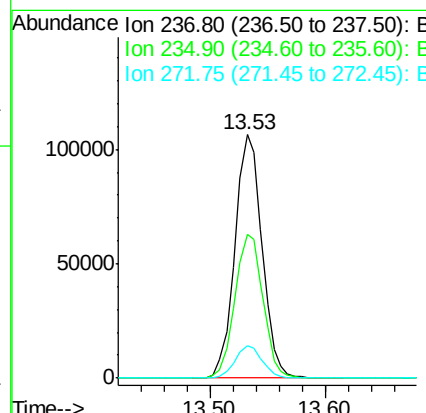
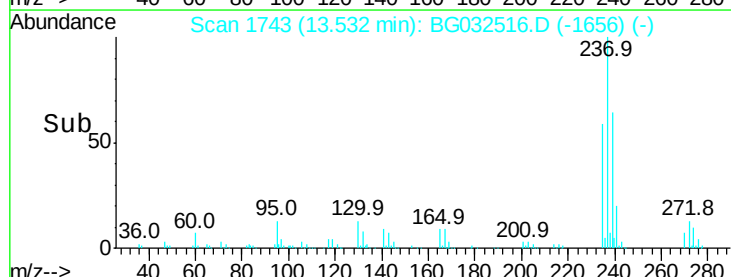
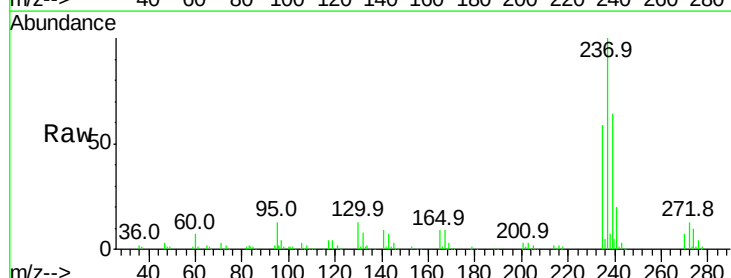
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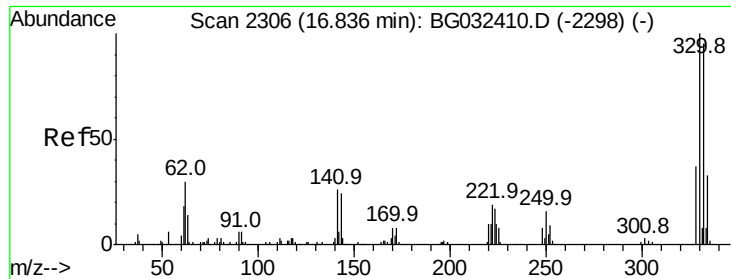
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#40
 Hexachlorocyclopentadiene
 Concen: 81.951 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	172353		
235	59.3	50.4	90.4	
272	13.1	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 144.073 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

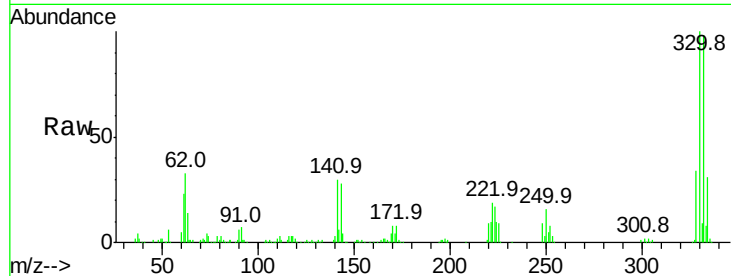
ClientSampleId :

NB-08-020118MSD

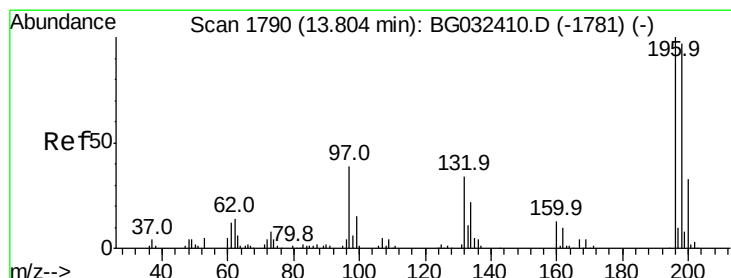
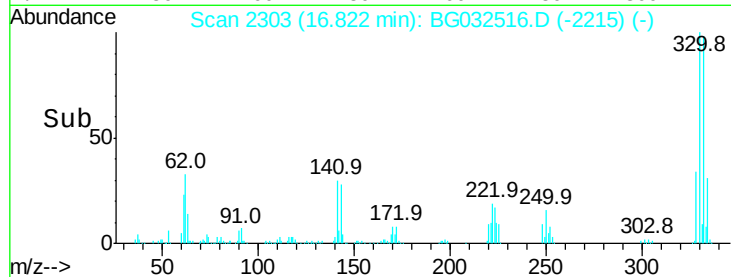
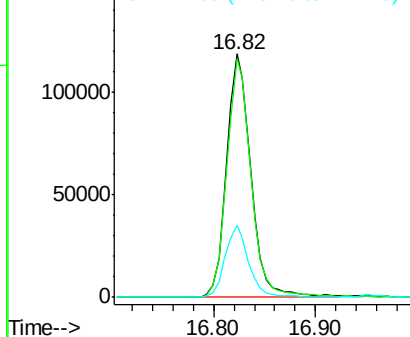
Tot Ion:	330	Resp:	197318
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	28.7	25.2	37.8

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



#42

2,4,6-Trichlorophenol

Concen: 46.735 ng

RT: 13.80 min Scan# 1788

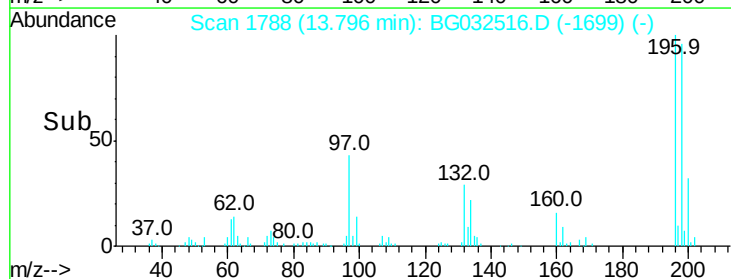
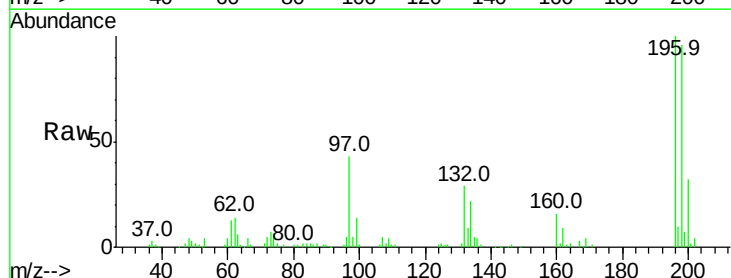
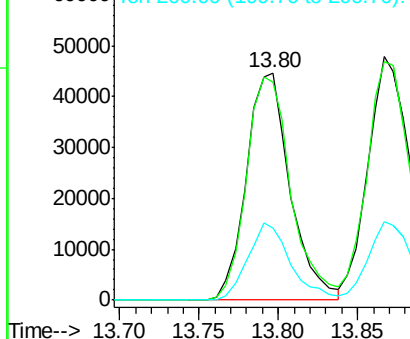
Delta R.T. -0.01 min

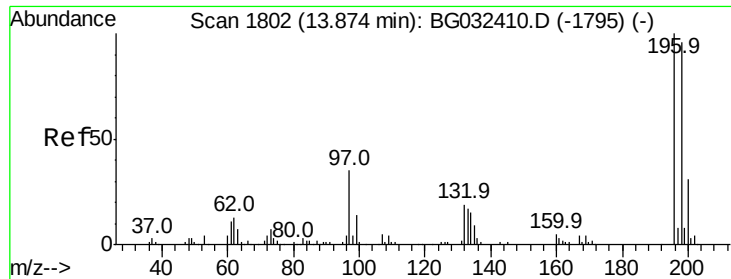
Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:	196	Resp:	85567
Ion Ratio	Lower	Upper	
196	100		
198	96.1	78.2	117.2
200	32.0	24.6	36.8

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





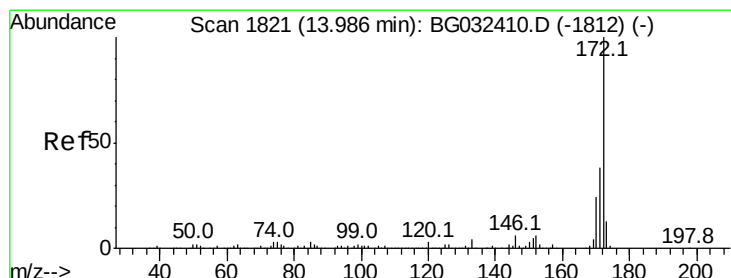
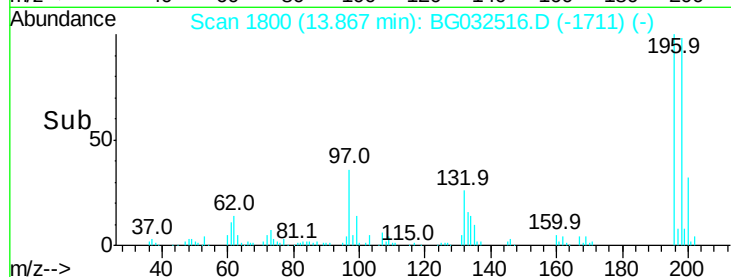
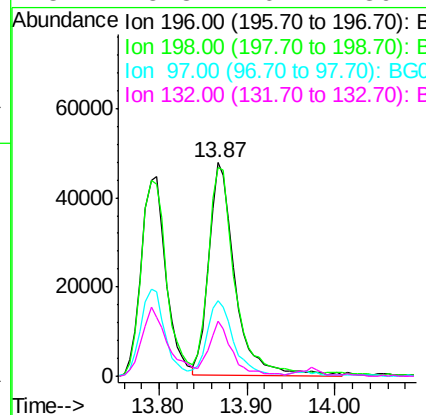
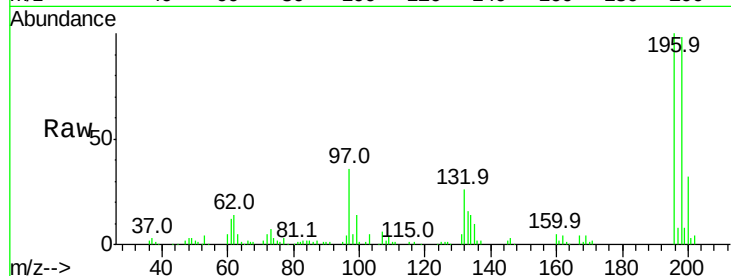
#43
 2,4,5-Trichlorophenol
 Concen: 46.861 ng/mL
 RT: 13.87 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100017		
198	97.9	76.2	114.4	
97	35.5	38.7	58.1	
132	25.8	20.2	30.2	

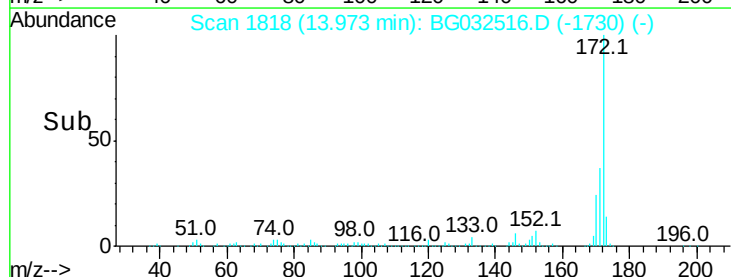
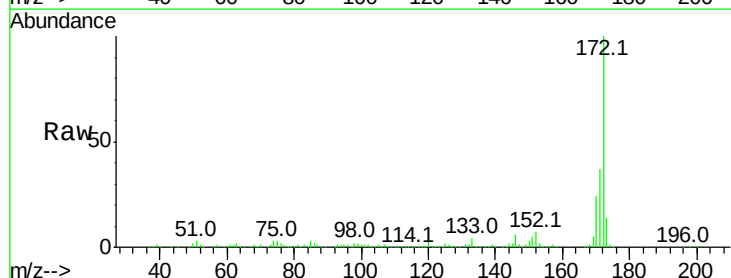
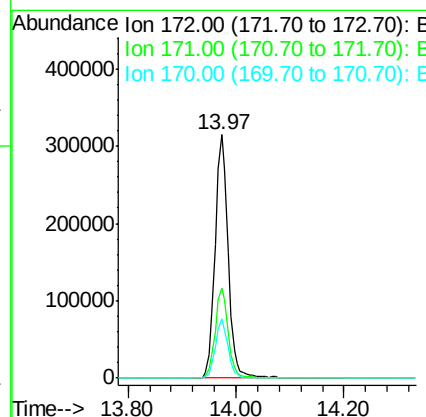
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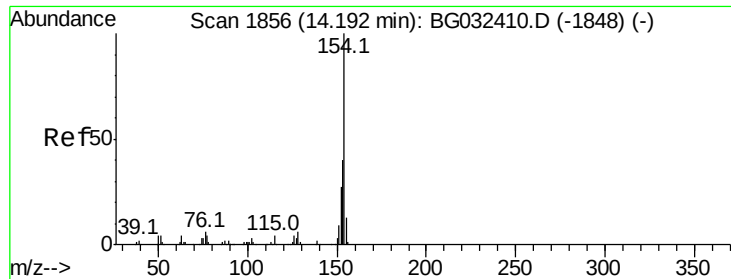
Sohil
 2/5/2018 11:15:08 AM



#44
 2-Fluorobiphenyl
 Concen: 87.162 ng/mL
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	527634		
171	36.9	30.0	45.0	
170	24.1	19.5	29.3	





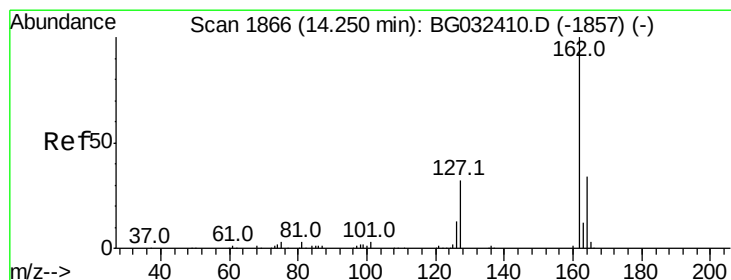
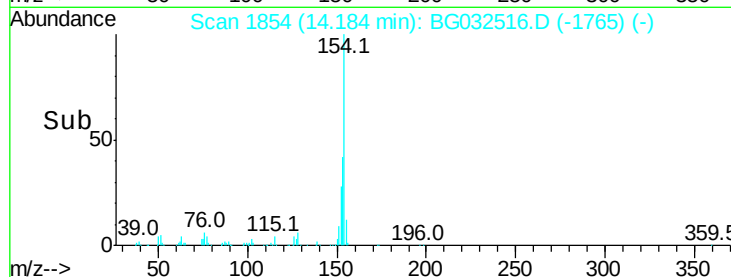
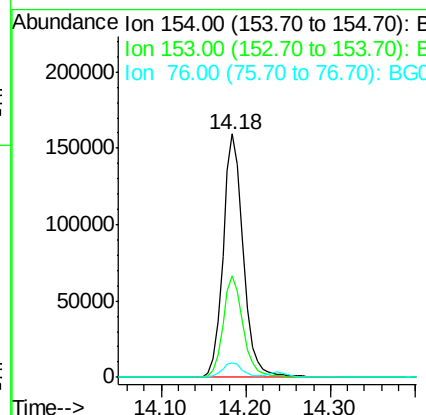
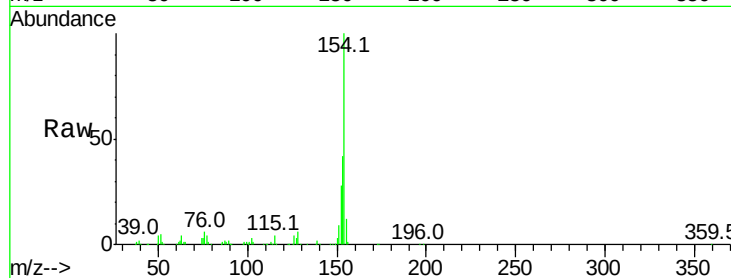
#45
 1,1'-Biphenyl
 Concen: 43.668 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	5.9	0.0	31.9

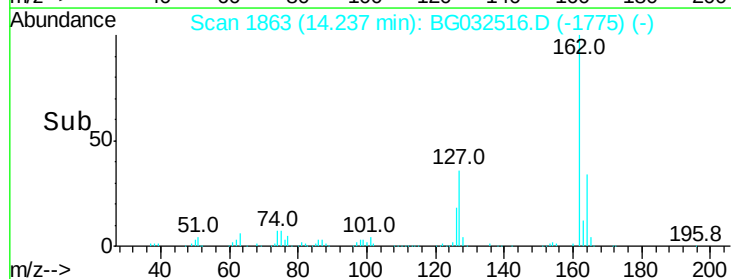
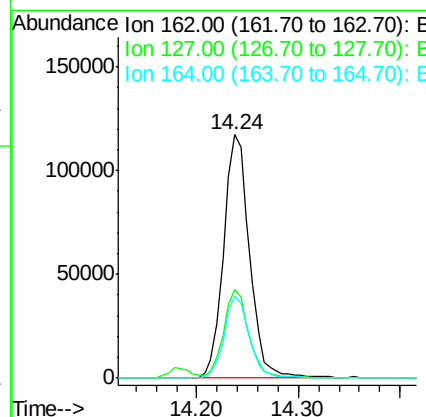
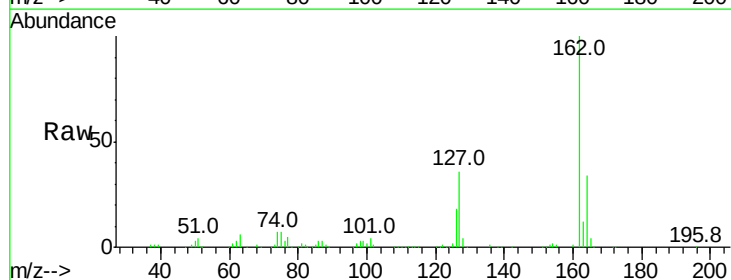
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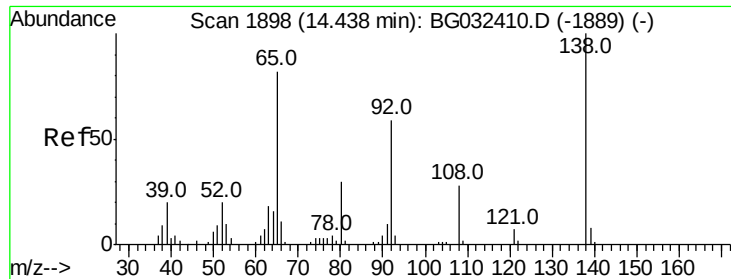
Sohil
 2/5/2018 11:15:08 AM



#46
 2-Chloronaphthalene
 Concen: 43.752 ng
 RT: 14.24 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 47.258 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion: 65 Resp: 49791

Ion Ratio Lower Upper

65 100

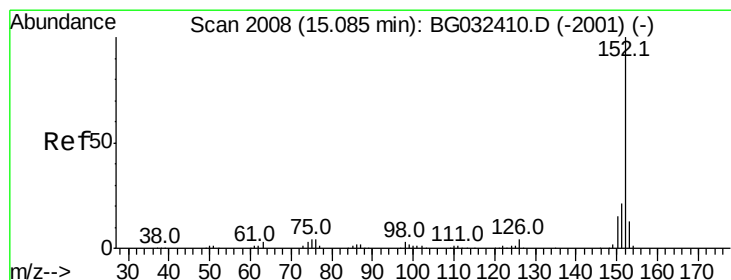
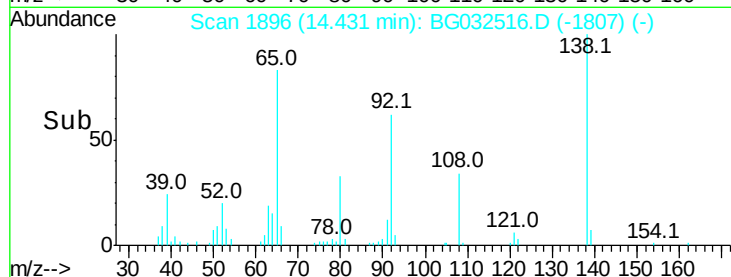
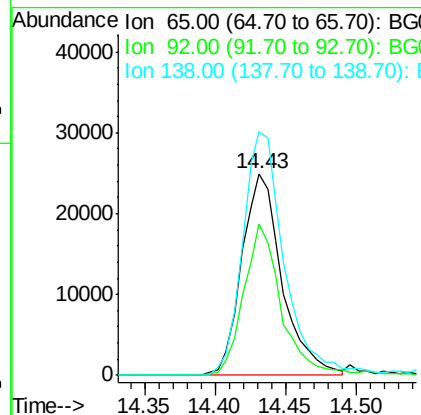
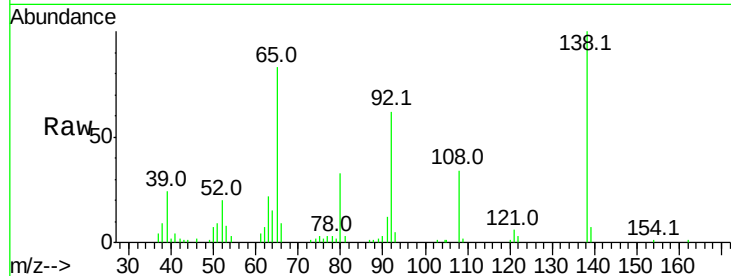
92 75.1 54.6 82.0

138 120.8 72.9 109.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 43.675 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

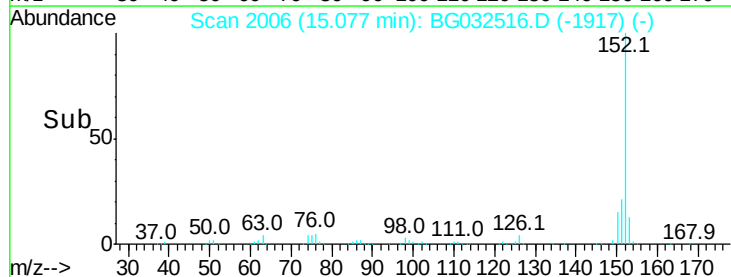
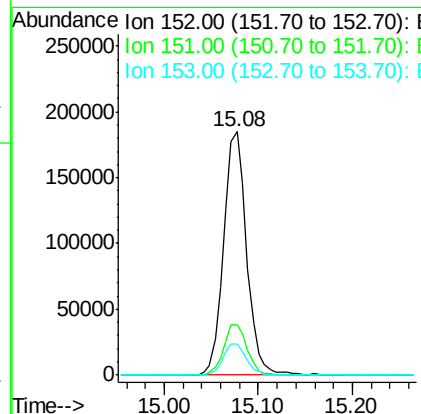
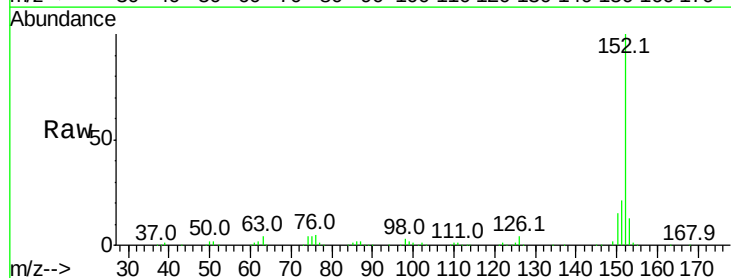
Tgt Ion: 152 Resp: 314571

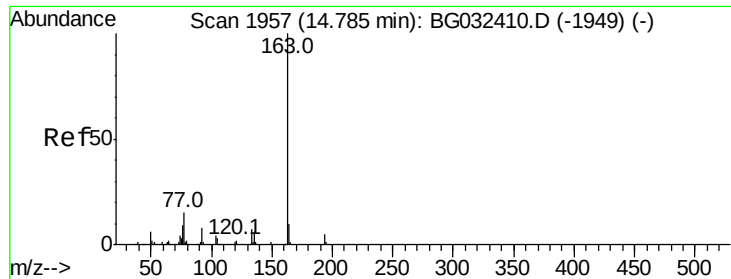
Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

153 12.6 10.2 15.4





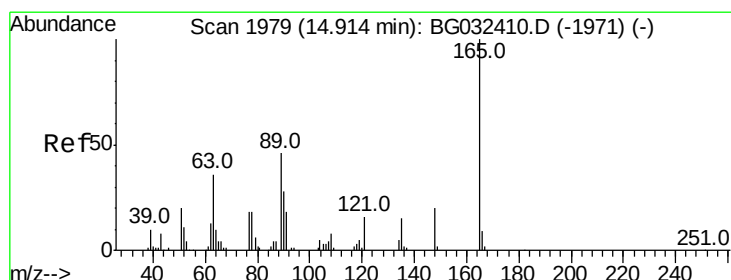
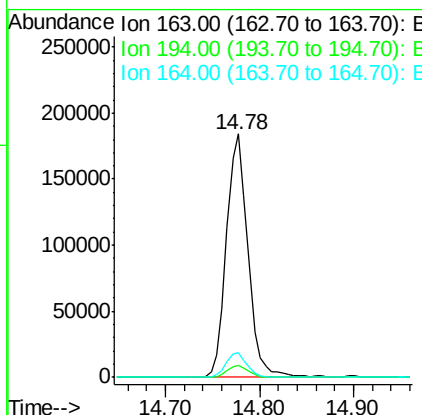
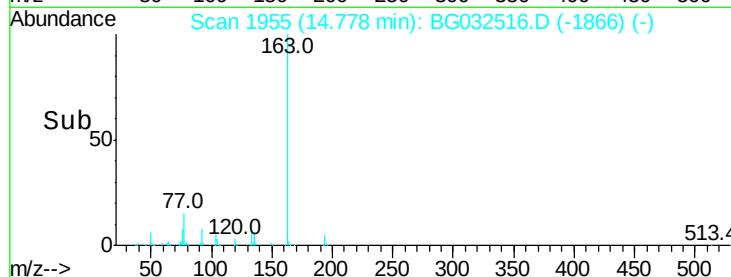
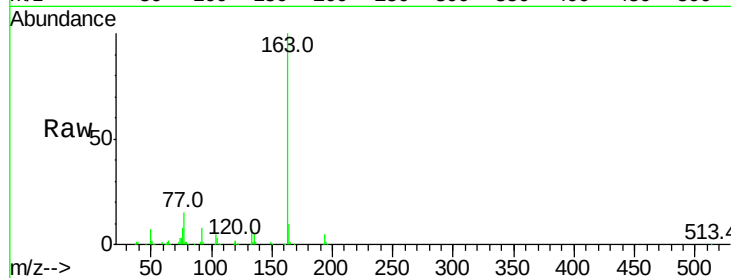
#49
Dimethylphthalate
Concen: 44.437 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.1	3.4	5.2	
164	10.1	8.2	12.4	

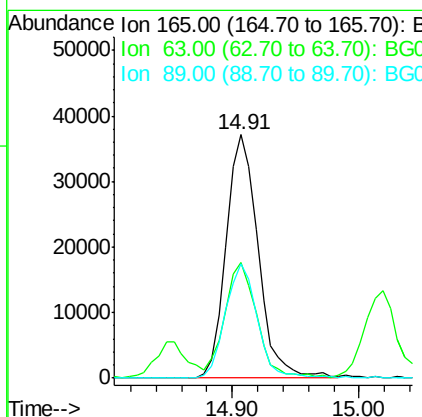
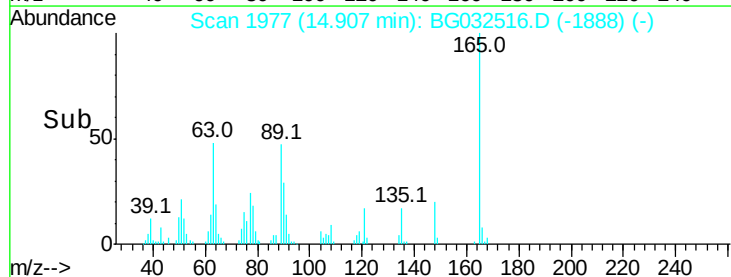
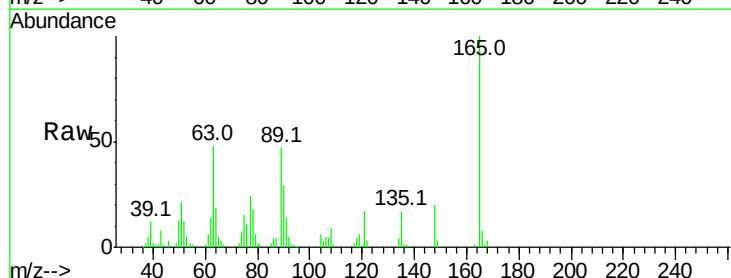
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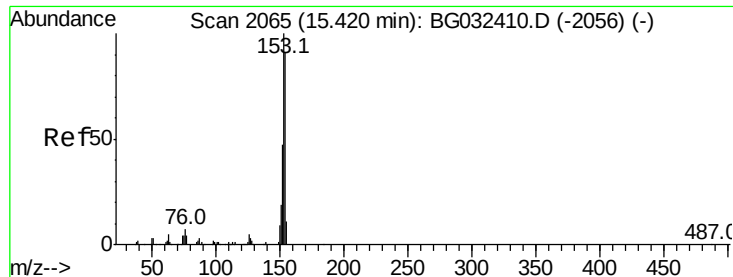
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.659 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.6	52.7	79.1#	
89	47.0	49.2	73.8#	





#51

Acenaphthene

Concen: 40.568 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

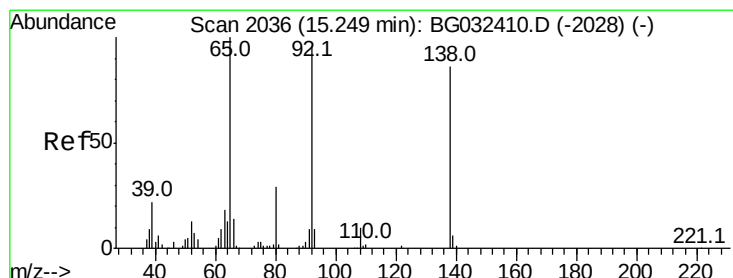
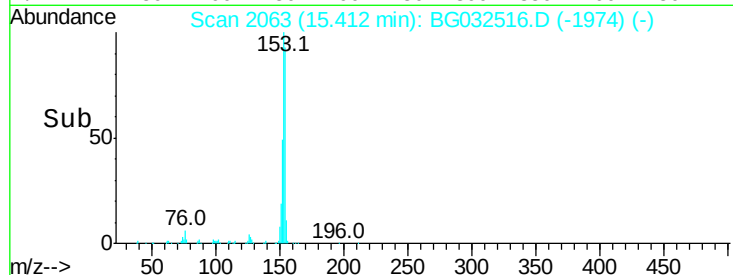
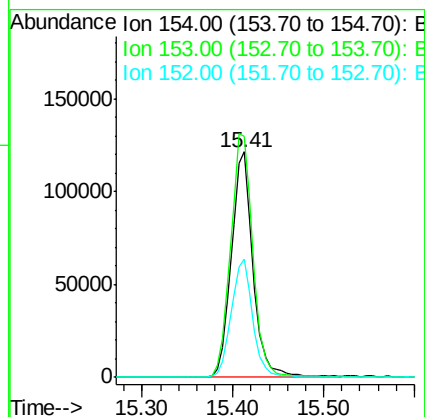
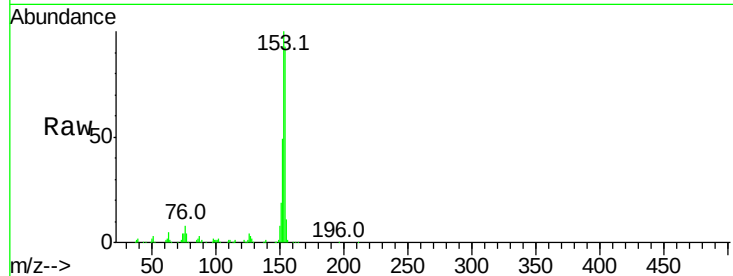
ClientSampleId :

NB-08-020118MSD

Tot Ion:	154	Resp:	202642
Ion Ratio	Lower	Upper	
154	100		
153	107.2	90.4	135.6
152	52.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 13.627 ng

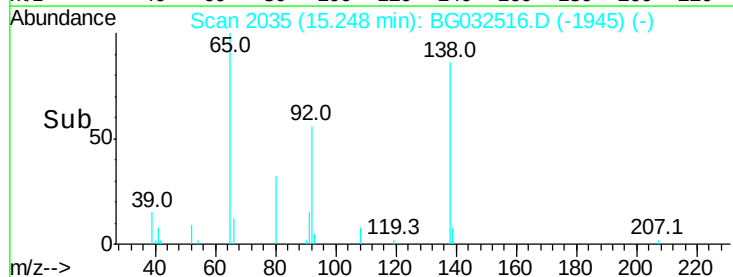
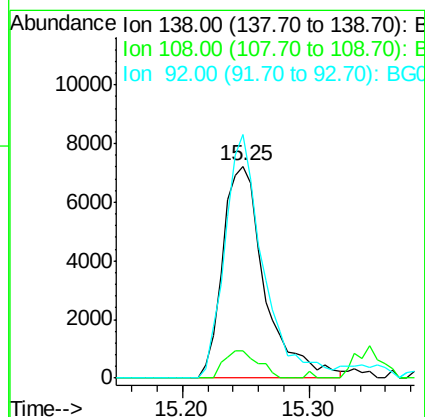
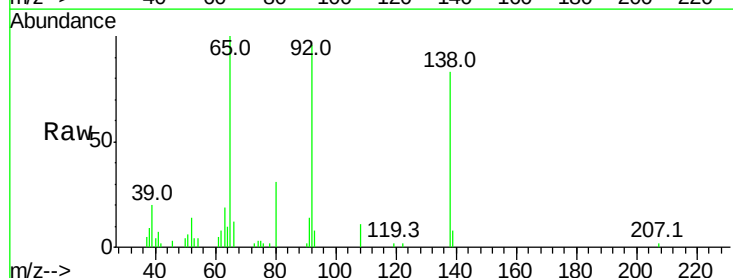
RT: 15.25 min Scan# 2035

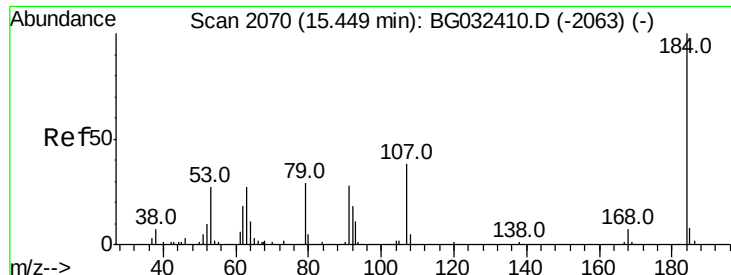
Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:	138	Resp:	16574
Ion Ratio	Lower	Upper	
138	100		
108	12.8	17.5	26.3#
92	115.0	105.8	158.8





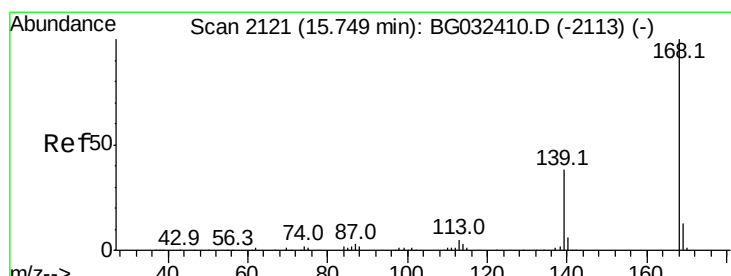
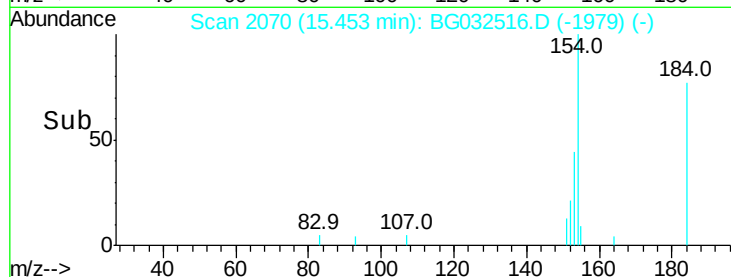
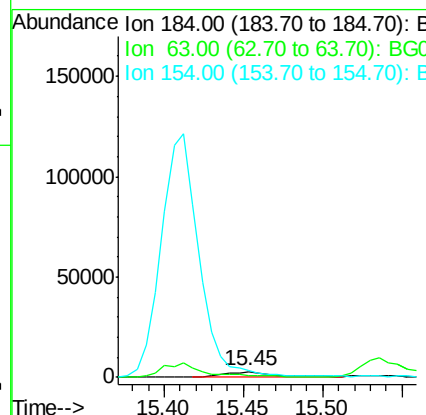
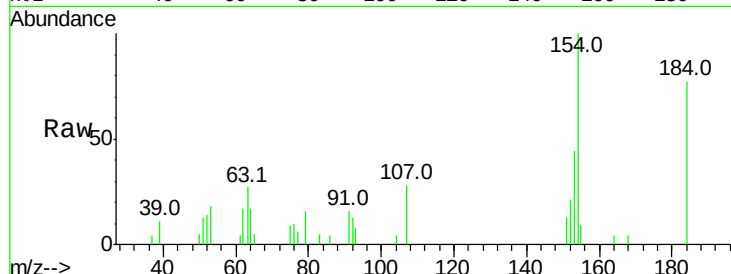
#53
2,4-Dinitrophenol
Concen: 11.072 ng
RT: 15.45 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	35.5	59.8	89.8#
154	130.6	101.8	152.8

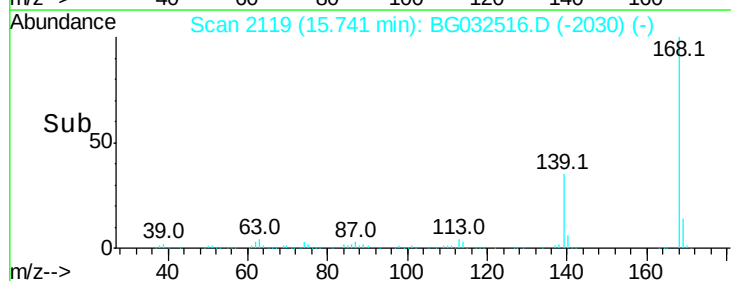
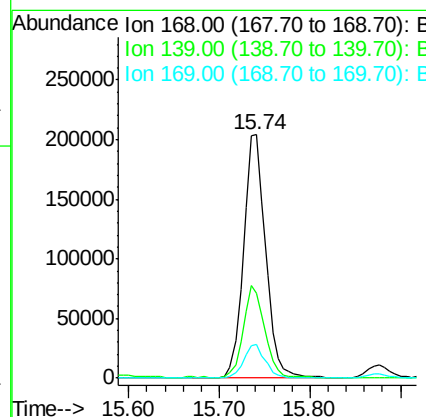
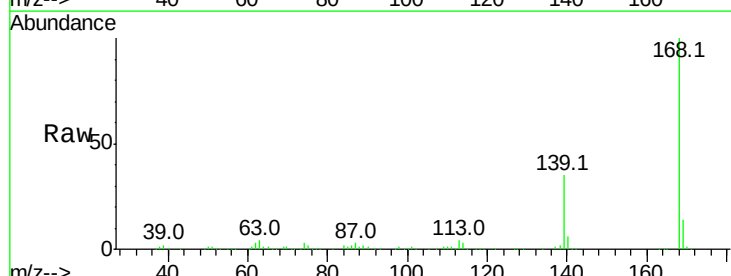
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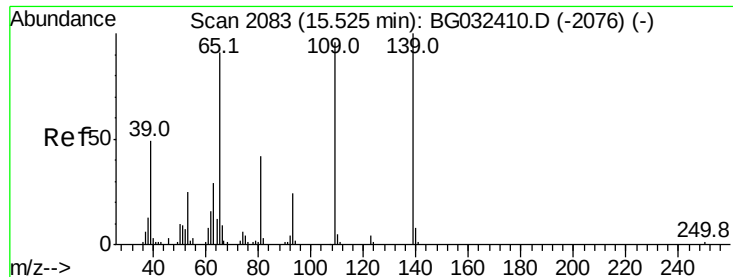
Sohil
2/5/2018 11:15:08 AM



#54
Dibenzofuran
Concen: 46.883 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	28.6	43.0
169	13.7	11.2	16.8





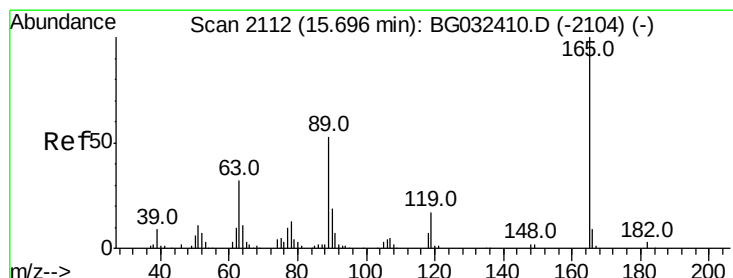
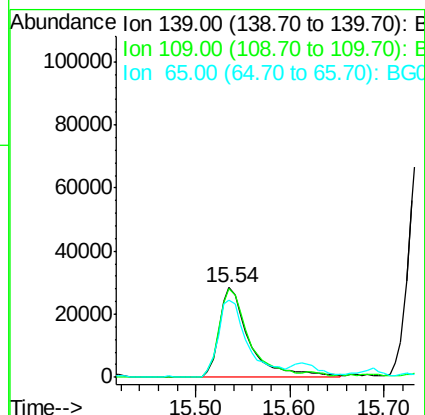
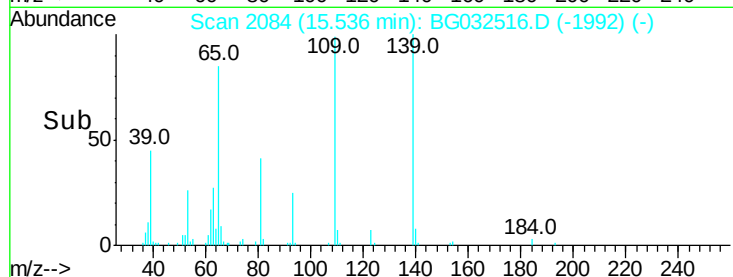
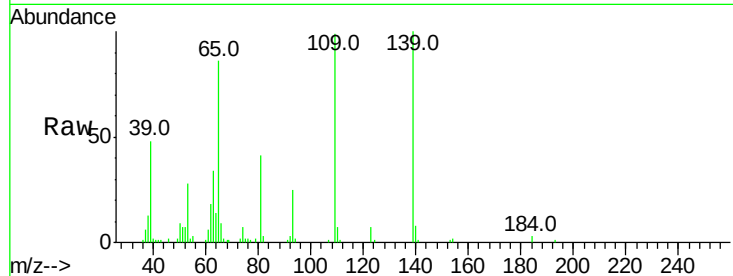
#55
4-Nitrophenol
Concen: 70.464 ng
RT: 15.54 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	99.3	62.2	102.2
65	86.4	97.2	137.2#

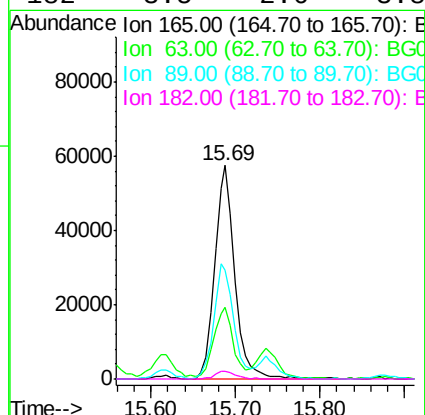
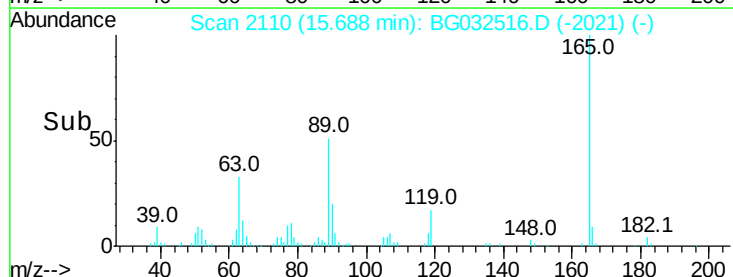
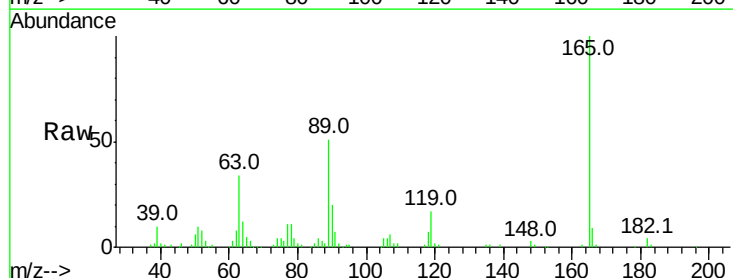
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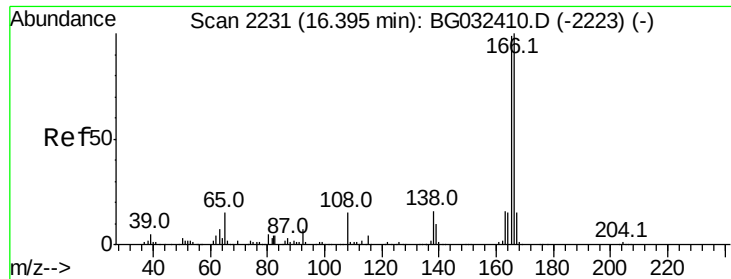
Sohil
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#56
2,4-Dinitrotoluene
Concen: 48.566 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.6	42.0	63.0#
89	50.8	66.9	100.3#
182	3.5	2.6	3.8





#57

Fluorene

Concen: 45.745 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

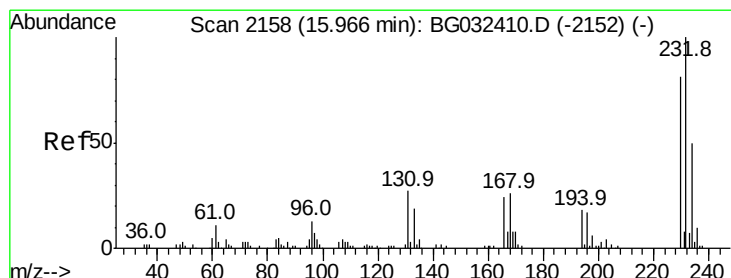
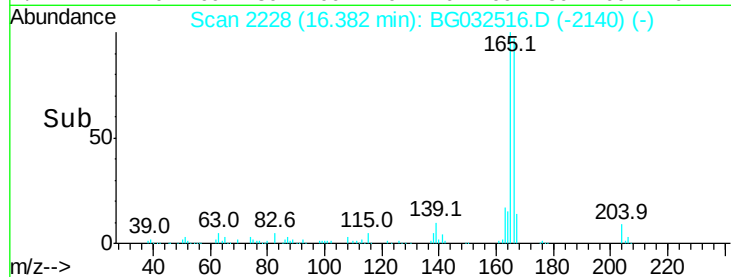
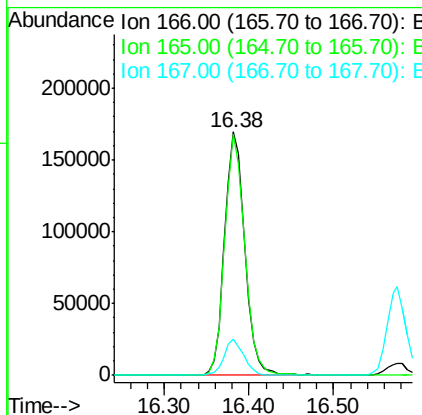
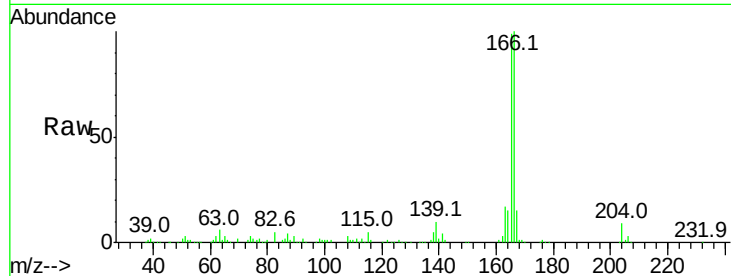
ClientSampleId :

NB-08-020118MSD

Tot Ion:	166	Resp:	281041
Ion Ratio	Lower	Upper	
166	100		
165	99.1	80.6	121.0
167	14.7	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.570 ng

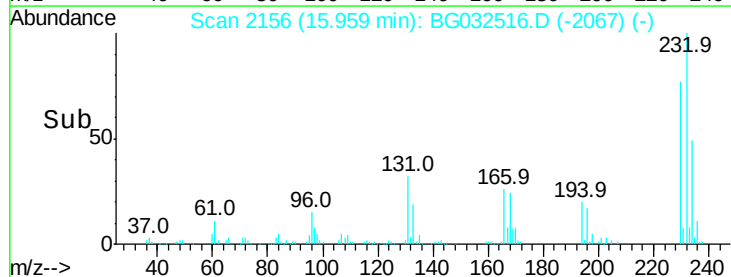
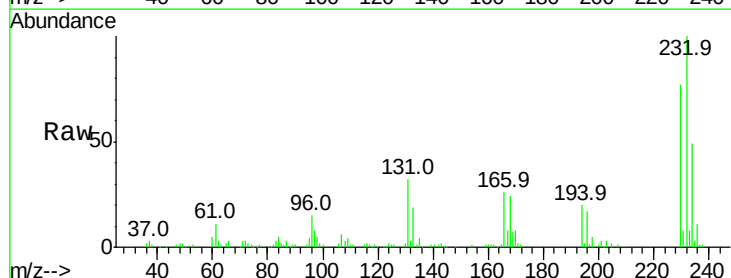
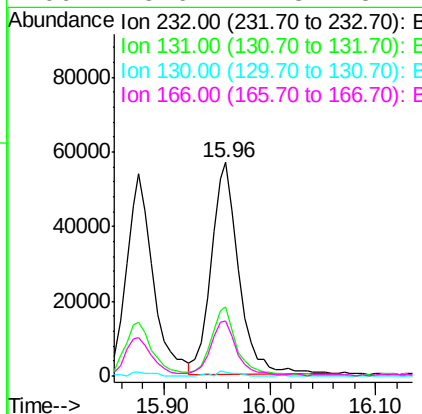
RT: 15.96 min Scan# 2156

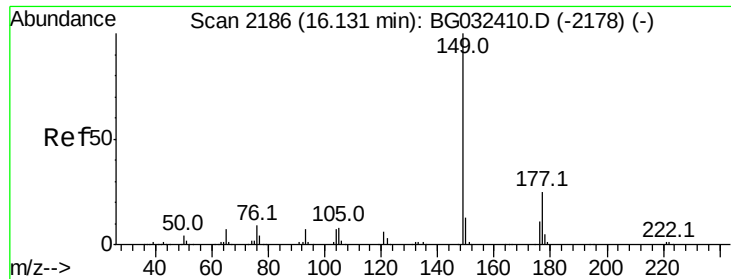
Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:	232	Resp:	104348
Ion Ratio	Lower	Upper	
232	100		
131	29.0	33.5	50.3#
130	1.7	2.2	3.2#
166	25.6	24.8	37.2





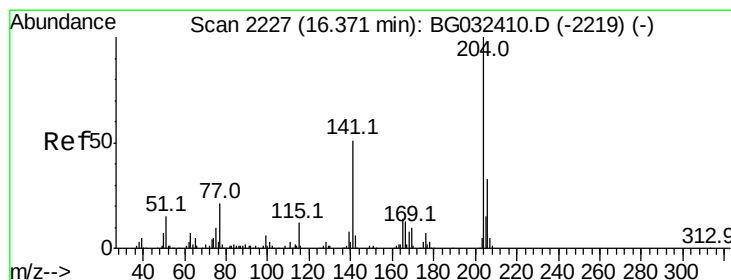
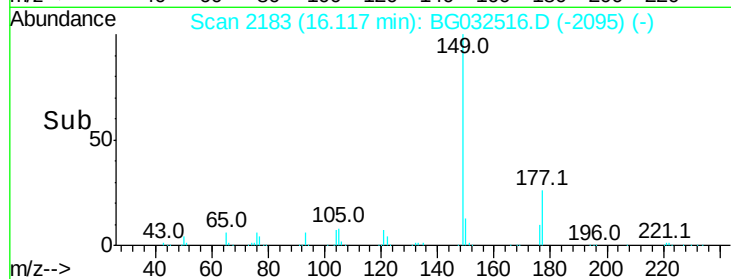
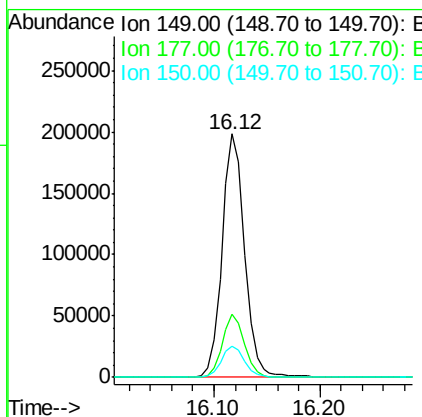
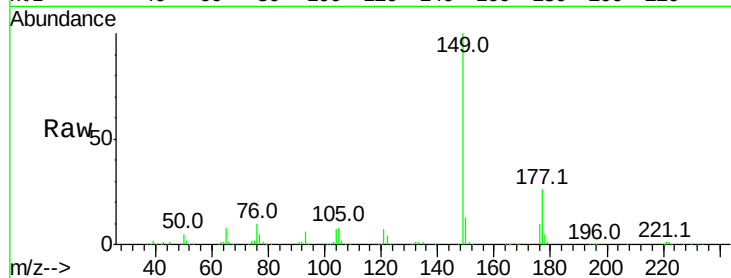
#59
Diethylphthalate
Concen: 45.550 ng
RT: 16.12 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	294316		
177	25.9	18.5	27.7	
150	12.6	10.2	15.2	

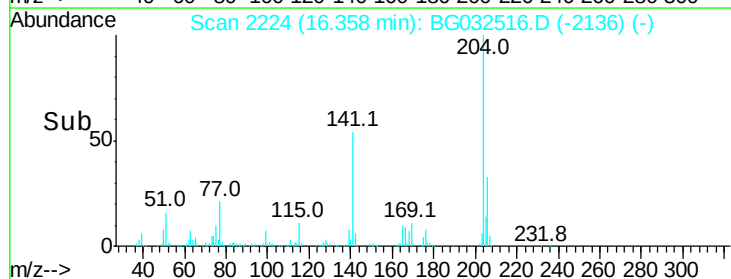
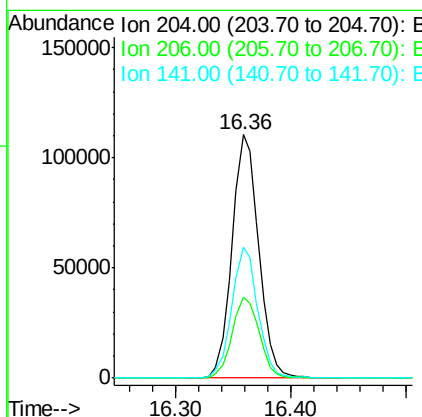
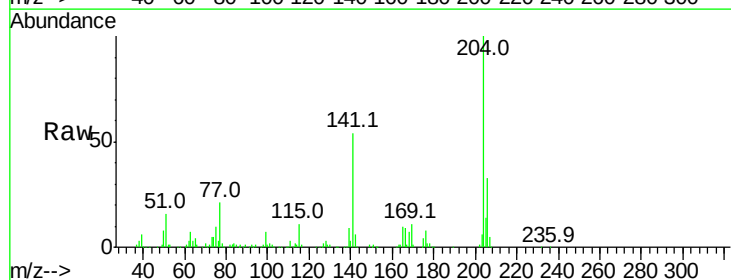
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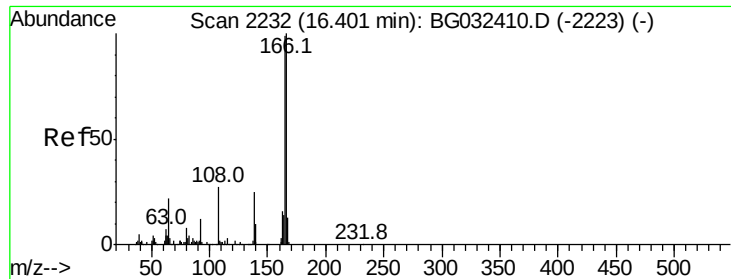
Sohil
2/5/2018 11:15:08 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.530 ng
RT: 16.36 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	176389		
206	33.4	26.2	39.2	
141	53.7	45.8	68.6	





#61

4-Nitroaniline

Concen: 38.989 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion:138 Resp: 50825

Ion Ratio Lower Upper

138 100

92 45.5 40.1 80.1

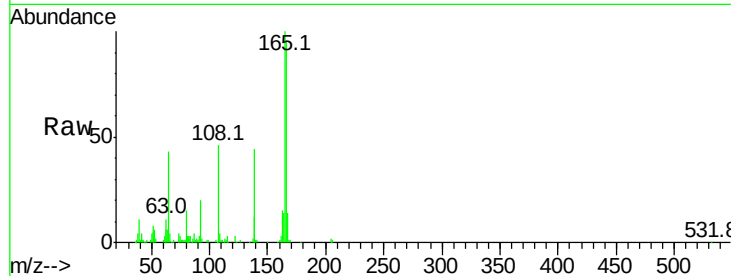
108 103.5 65.4 105.4

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Sohil

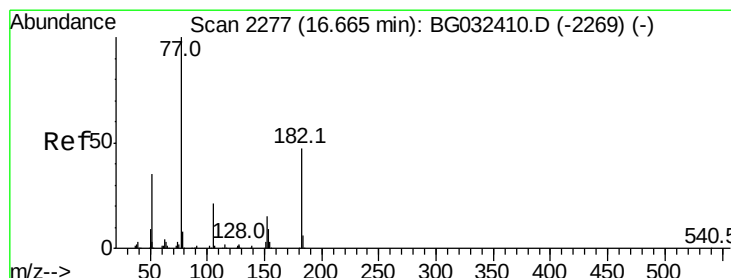
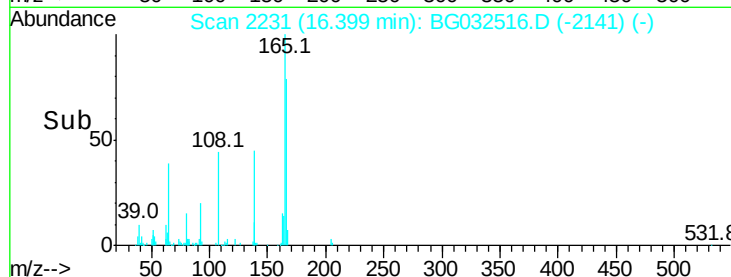
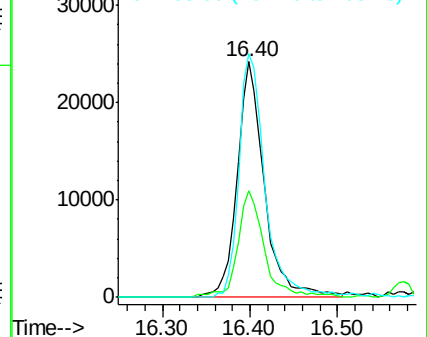
2/5/2018 11:15:08 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.302 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion: 77 Resp: 178785

Ion Ratio Lower Upper

77 100

182 47.7 7.4 47.4#

105 21.7 0.3 40.3

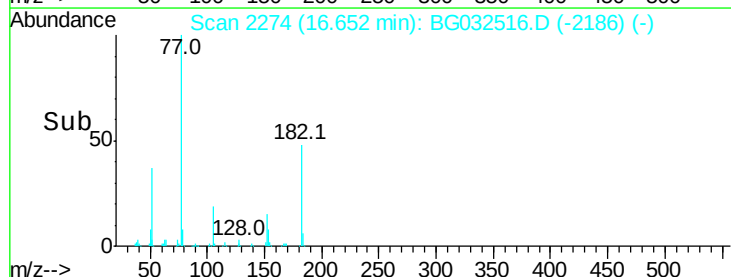
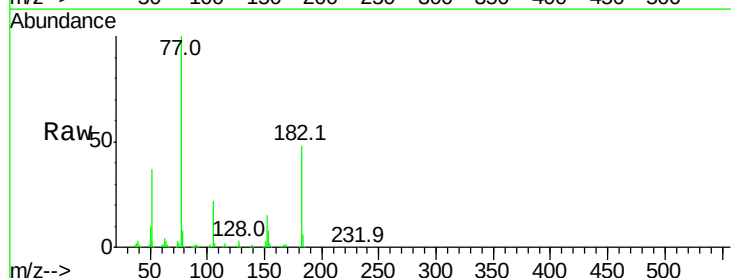
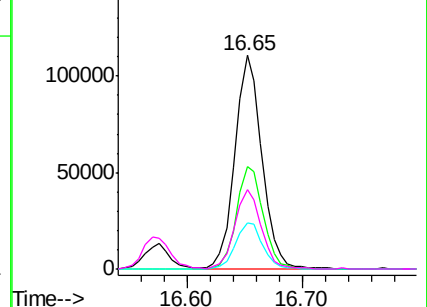
51 37.4 11.6 51.6

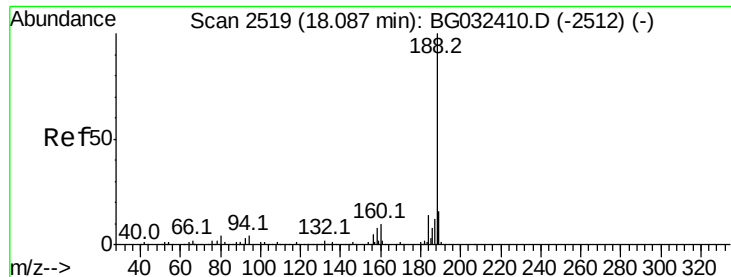
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

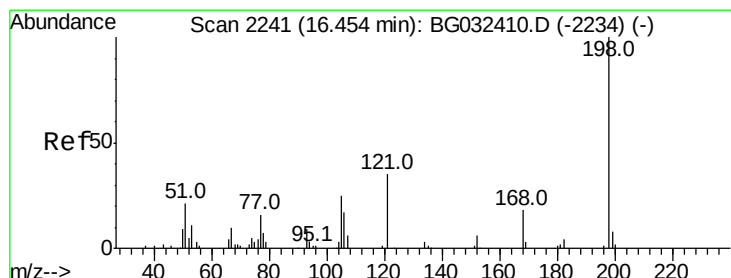
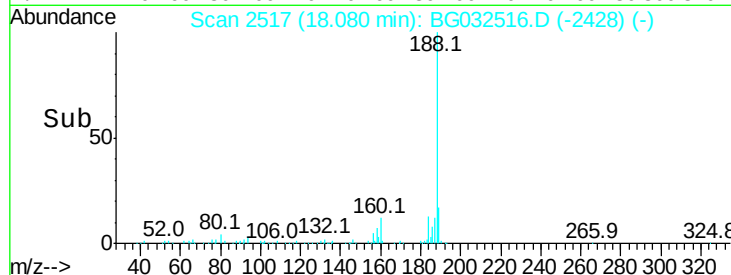
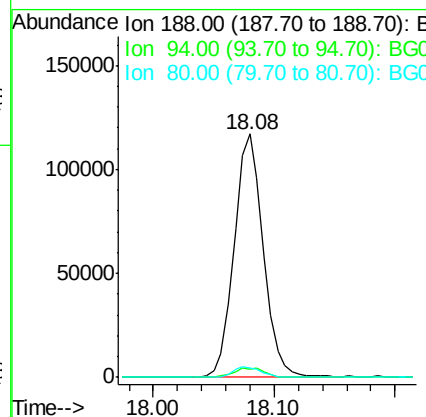
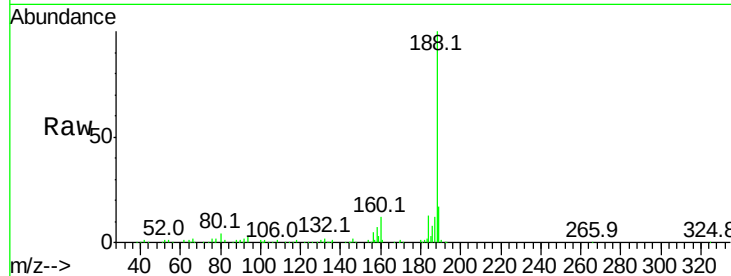
ClientSampleId :

NB-08-020118MSD

Tot Ion:	188	Resp:	195888
Ion Ratio	Lower	Upper	
188	100		
94	3.1	6.9	10.3#
80	4.0	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 8.766 ng

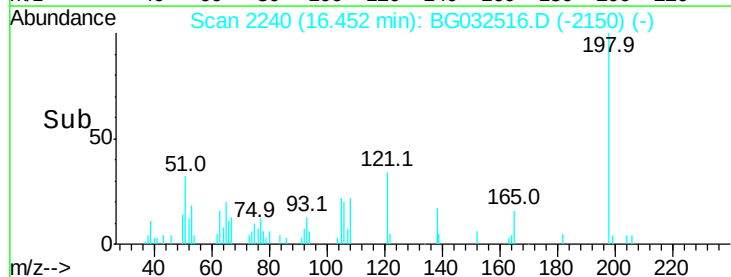
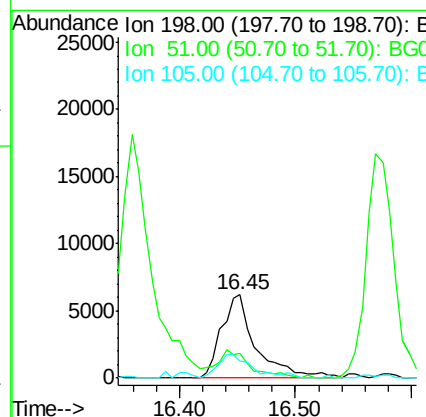
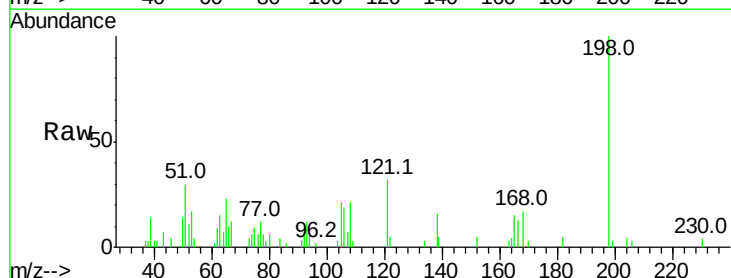
RT: 16.45 min Scan# 2240

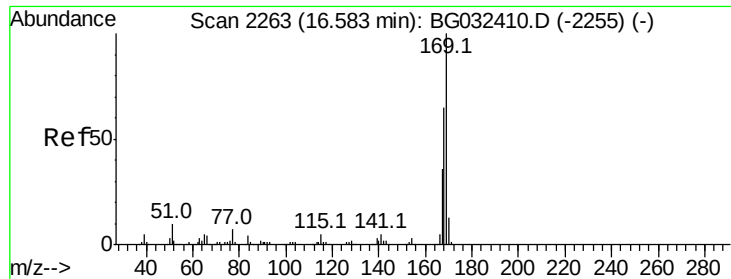
Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:	198	Resp:	12828
Ion Ratio	Lower	Upper	
198	100		
51	30.4	30.6	70.6#
105	21.1	23.8	63.8#





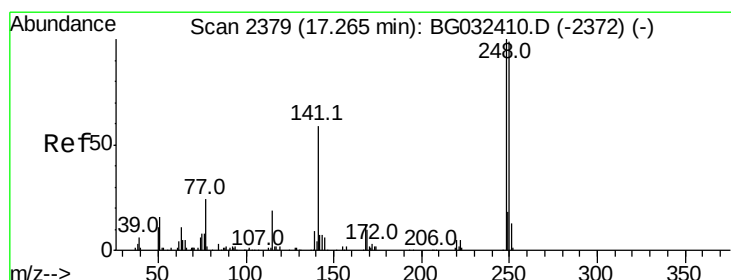
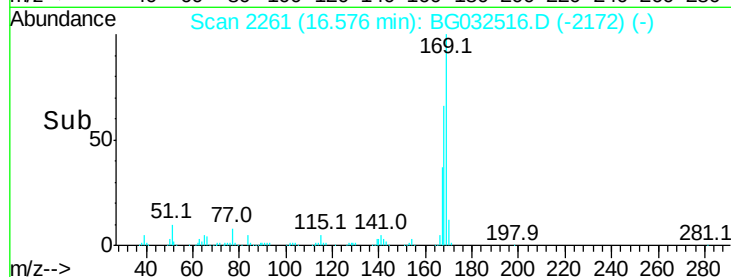
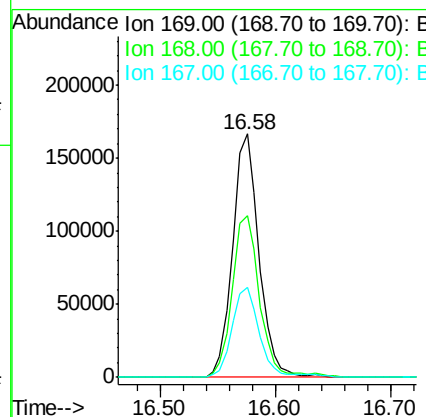
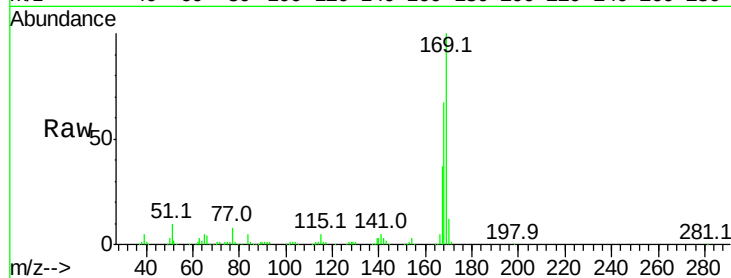
#65
n-Nitrosodiphenylamine
Concen: 44.999 ng
RT: 16.58 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	55.7	83.5
167	37.2	30.1	45.1

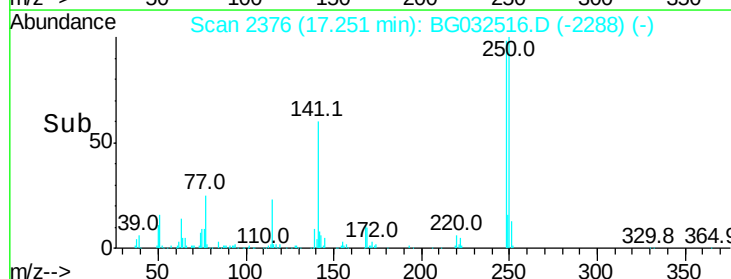
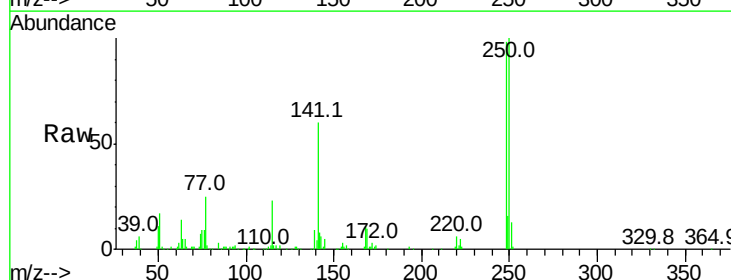
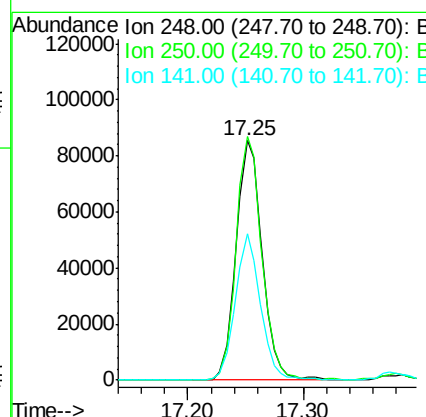
Manual Integrations
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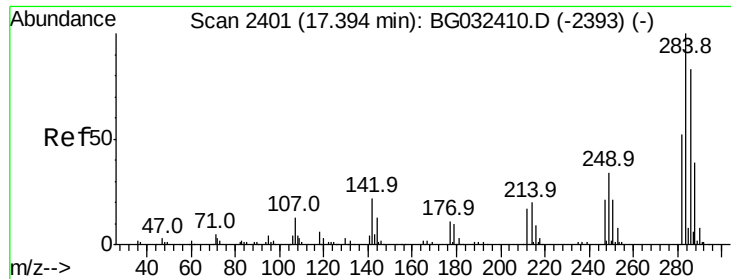
Sohil
2/5/2018 11:15:08 AM



#66
4-Bromophenyl-phenylether
Concen: 46.102 ng
RT: 17.25 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.7	77.1	115.7
141	61.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.211 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

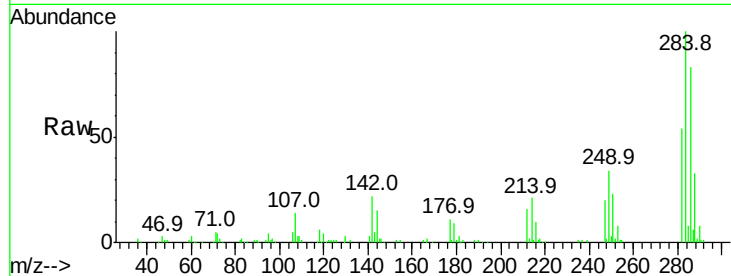
ClientSampleId :

NB-08-020118MSD

Tot Ion:	284	Resp:	141986
Ion Ratio	Lower	Upper	
284	100		
142	22.4	26.8	40.2#
249	34.3	26.3	39.5

Manual Integrations
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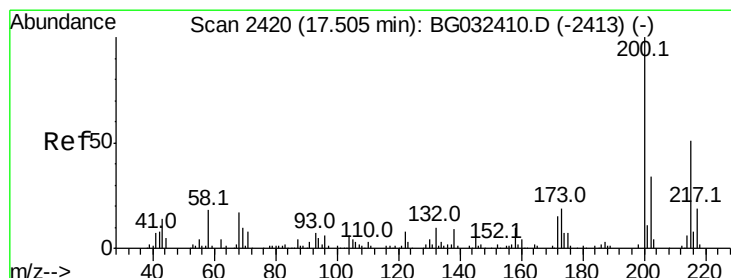
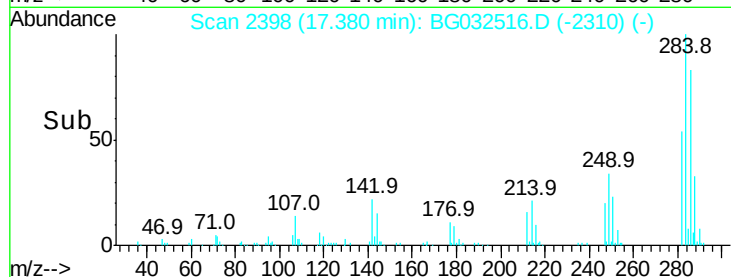
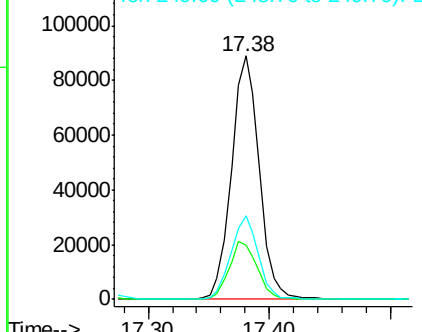
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.083 ng

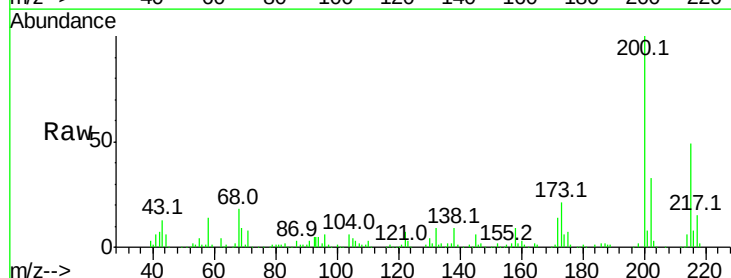
RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

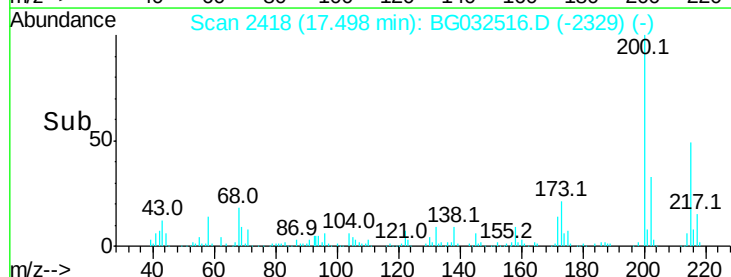
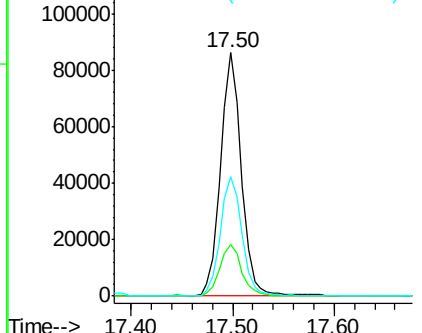
Tgt Ion:	200	Resp:	123176
Ion Ratio	Lower	Upper	
200	100		
173	21.1	5.2	45.2
215	48.9	30.4	70.4

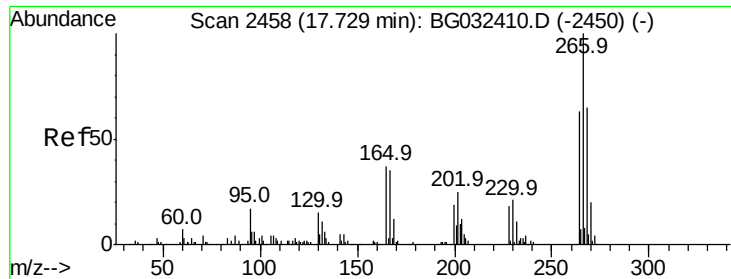


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





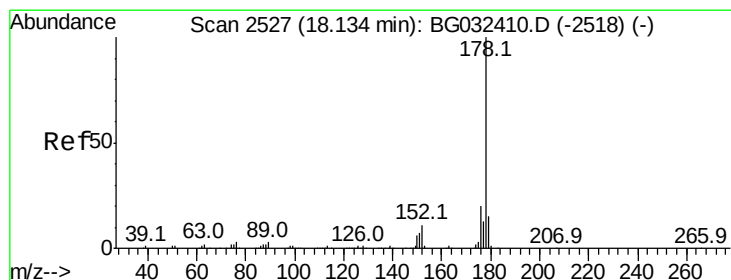
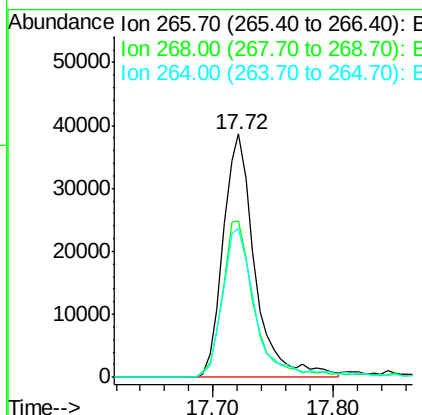
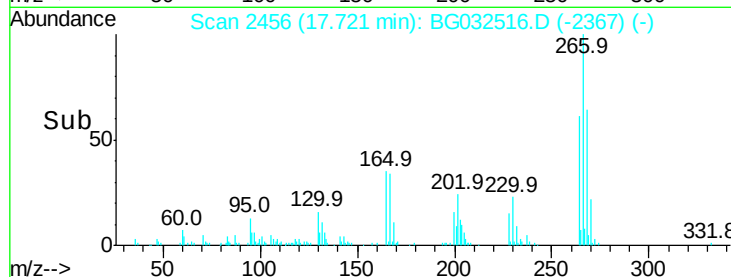
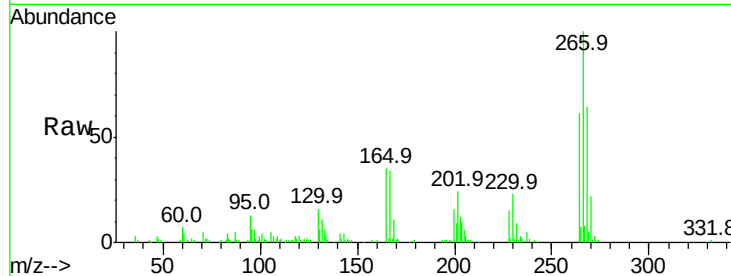
#69
 Pentachlorophenol
 Concen: 34.957 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	70329		
268	64.3		51.1	76.7
264	61.3		49.6	74.4

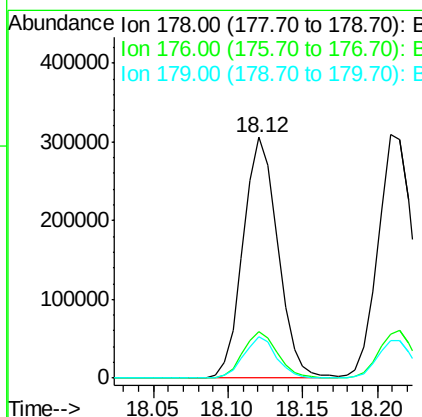
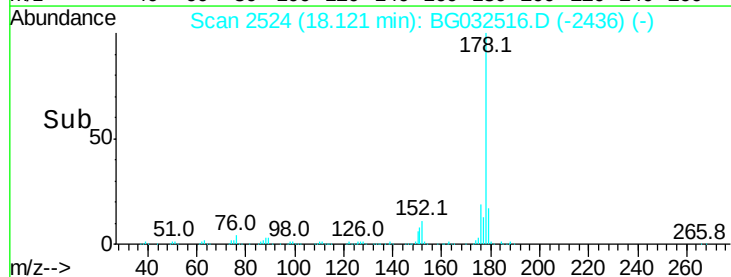
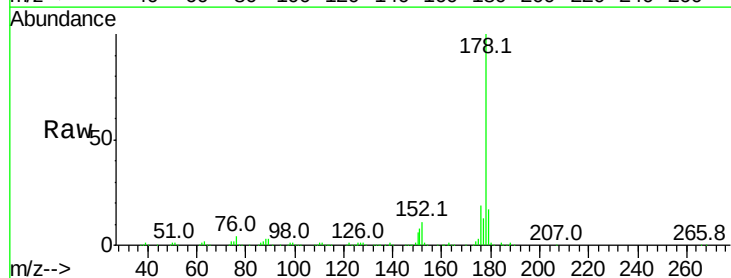
Manual Integrations
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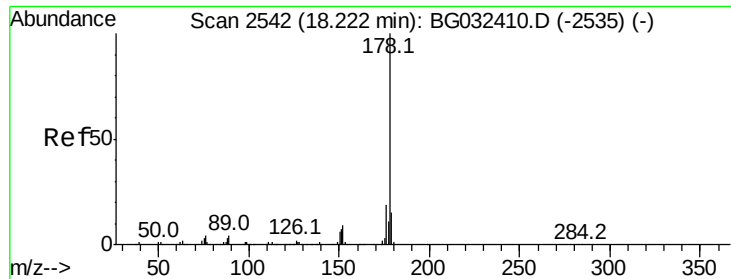
Sohil
 2/5/2018 11:15:08 AM



#70
 Phenanthrene
 Concen: 45.167 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	493406		
176	19.3		15.7	23.5
179	16.9		12.5	18.7





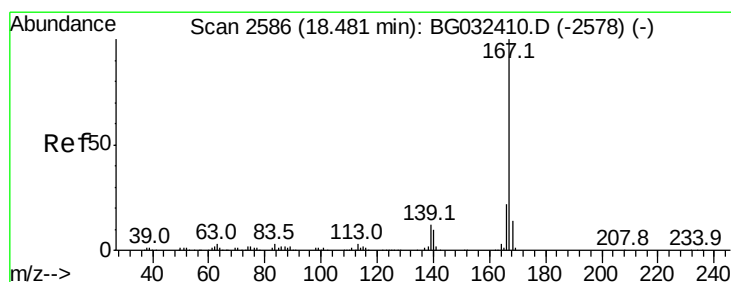
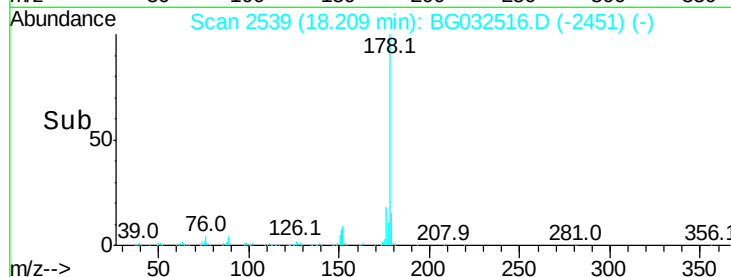
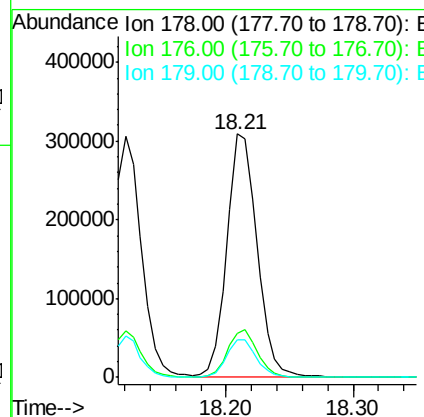
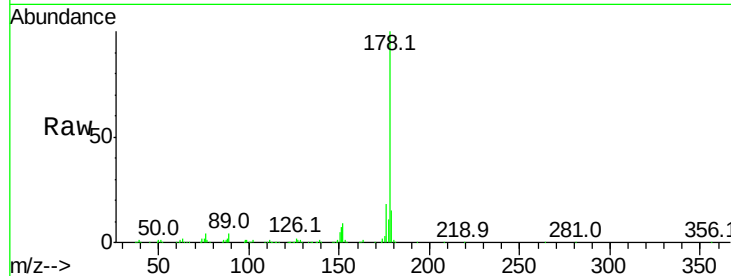
#71
 Anthracene
 Concen: 46.713 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.0	24.0
179	15.3	12.5	18.7

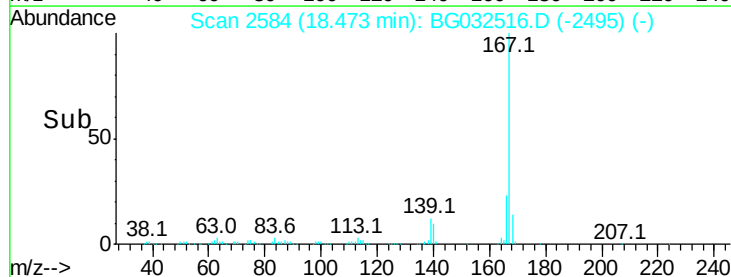
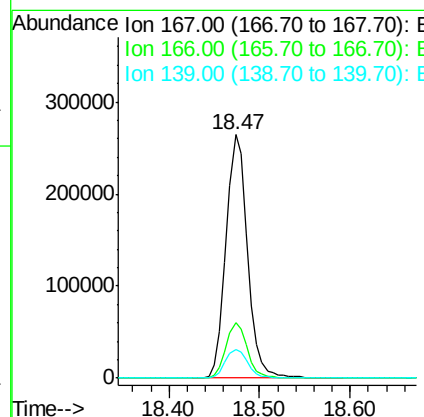
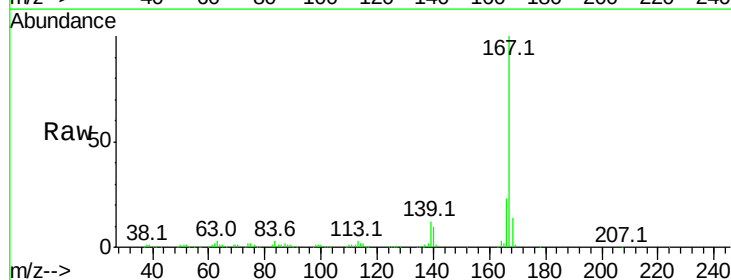
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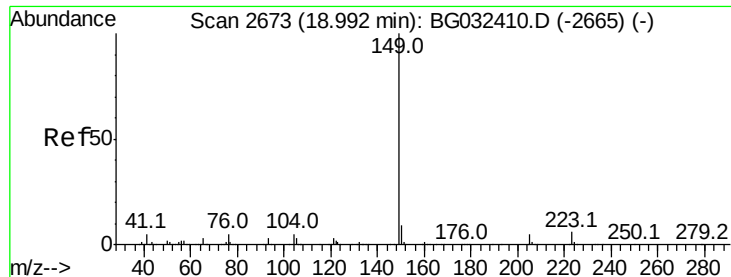
Sohil
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#72
 Carbazole
 Concen: 45.172 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	12.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.766 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

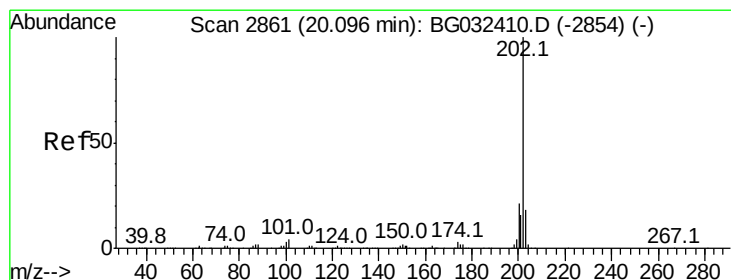
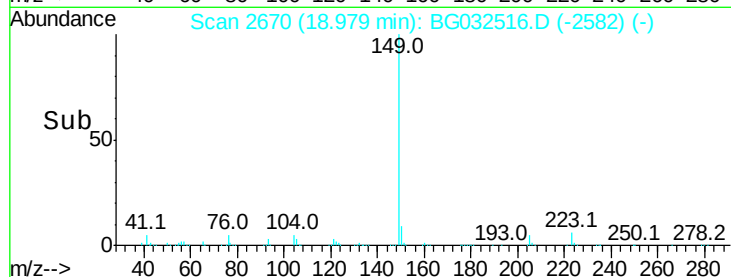
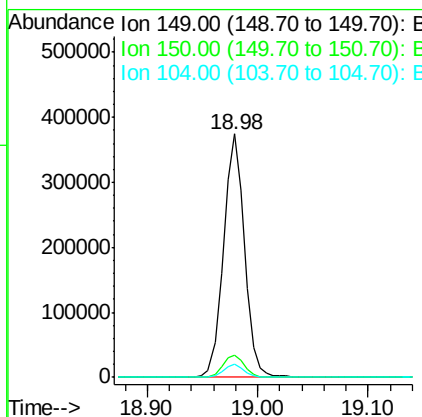
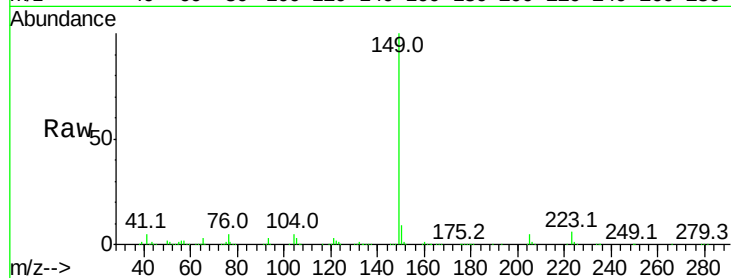
ClientSampleId :

NB-08-020118MSD

Tot Ion:	149	Resp:	497621
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.4	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 46.504 ng

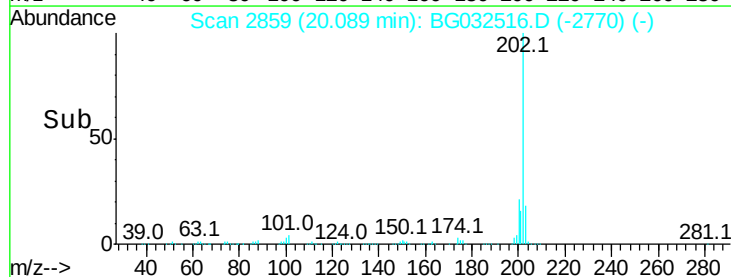
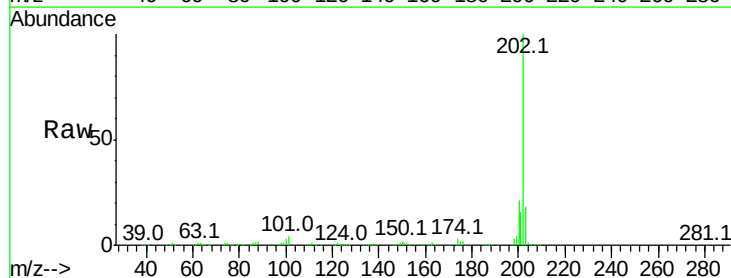
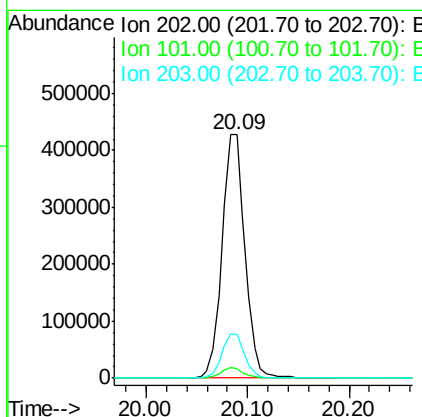
RT: 20.09 min Scan# 2859

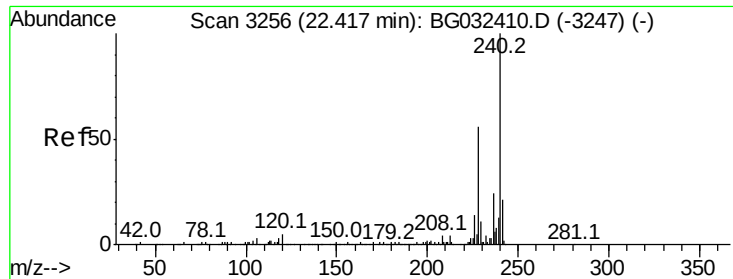
Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:	202	Resp:	666230
Ion Ratio	Lower	Upper	
202	100		
101	4.0	0.0	28.9
203	18.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion:240 Resp: 253824

Ion Ratio Lower Upper

240 100

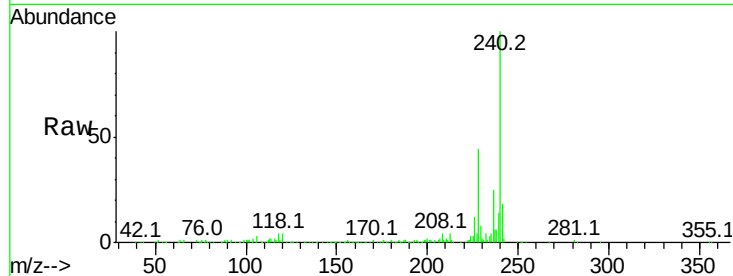
120 3.7 6.8 10.2#

236 24.6 20.9 31.3

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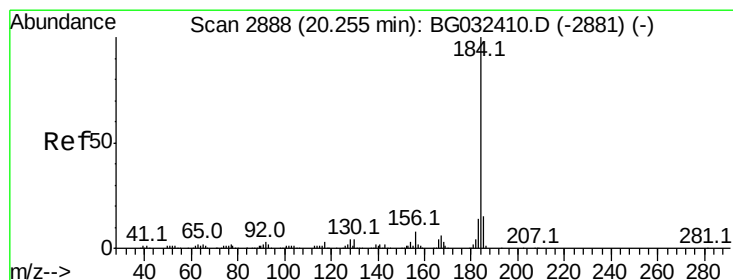
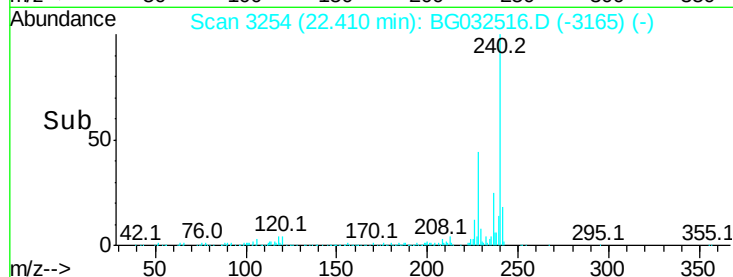
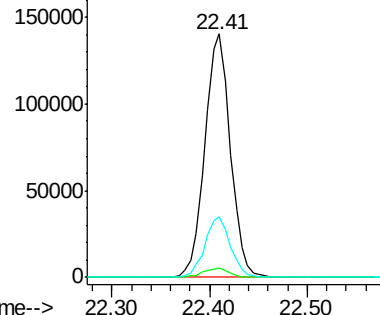
2/5/2018 11:15:08 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.162 ng

RT: 20.25 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

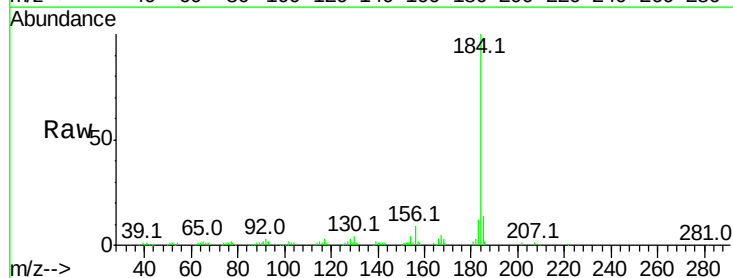
Tgt Ion:184 Resp: 95506

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

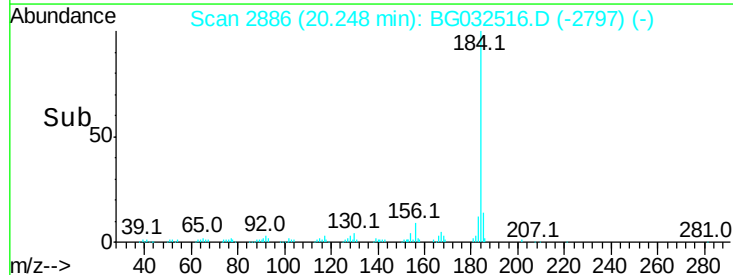
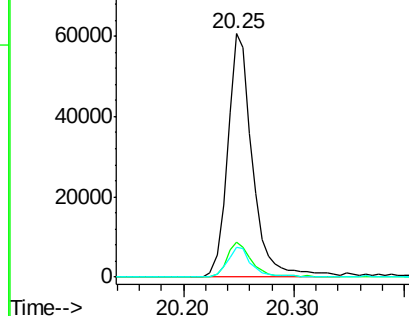
183 12.1 10.6 16.0

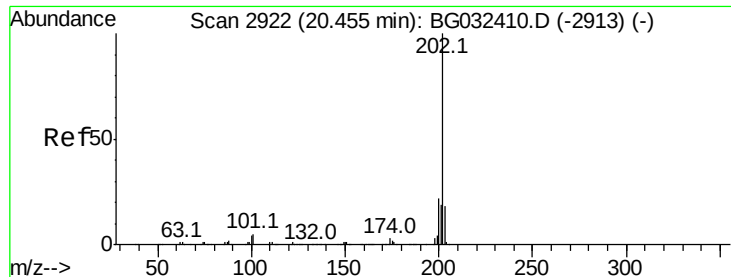


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





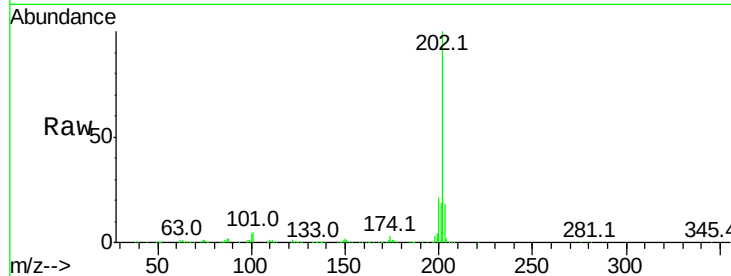
#77
Pvrene
Concen: 43.320 ng
RT: 20.44 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

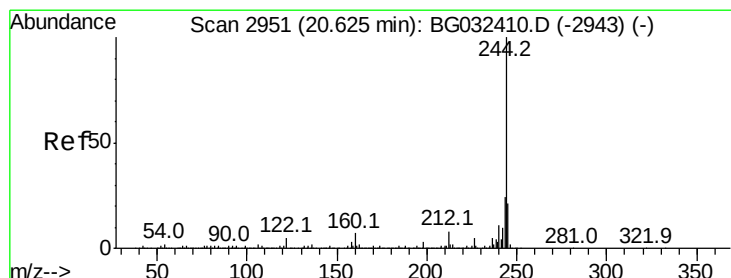
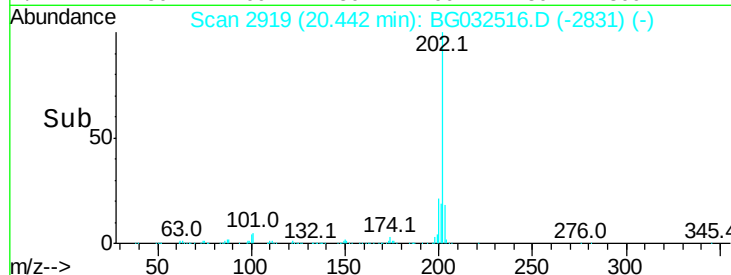
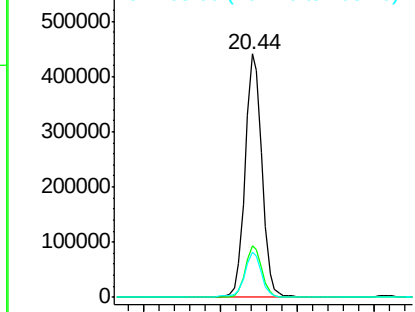
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.4	13.9	20.9

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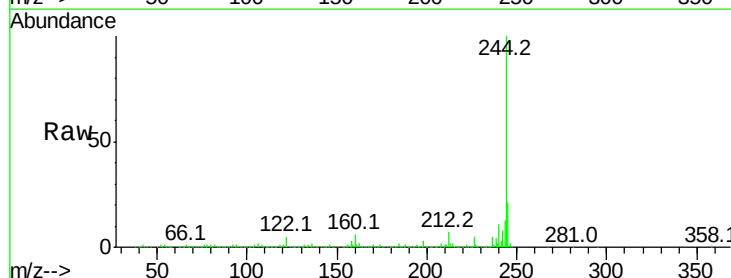


Abundance Ion 202.00 (201.70 to 202.70): E
600000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

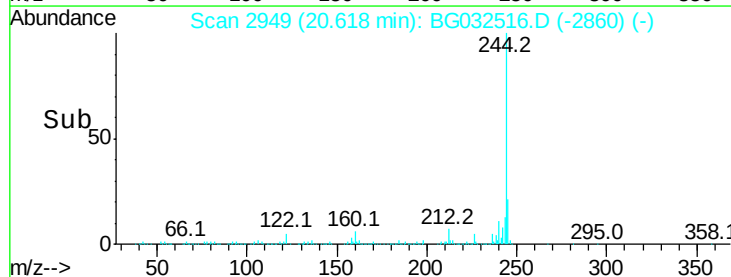
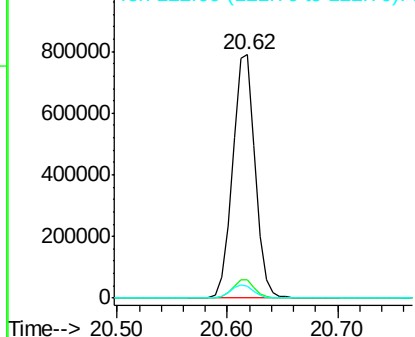


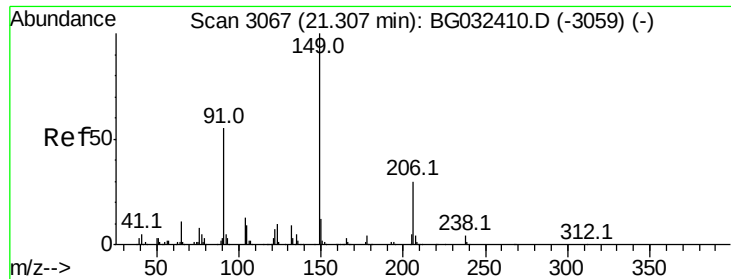
#78
Terphenyl-d14
Concen: 95.209 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	5.1	7.0	10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





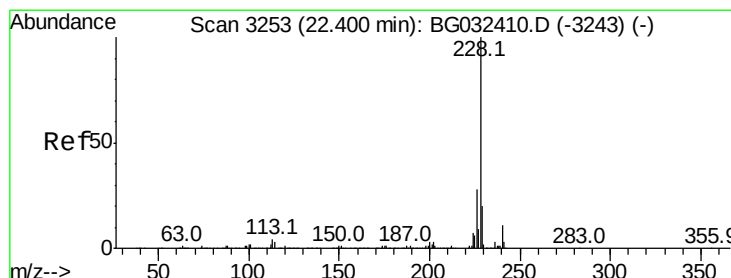
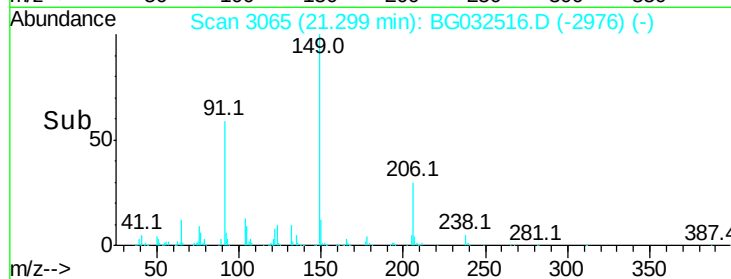
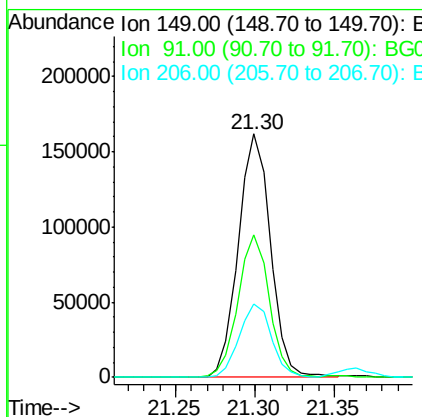
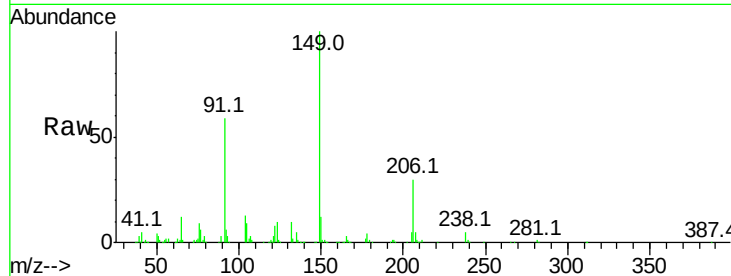
#79
Butylbenzylphthalate
Concen: 46.496 ng
RT: 21.30 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.6	62.2	93.2#
206	30.0	18.6	27.8#

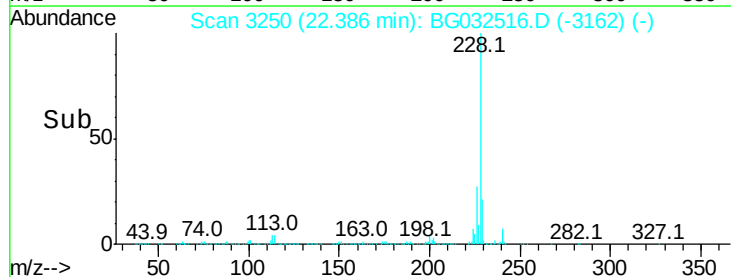
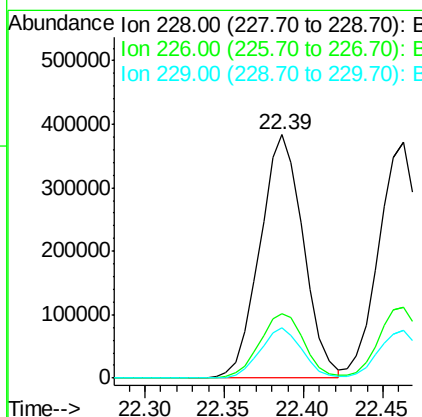
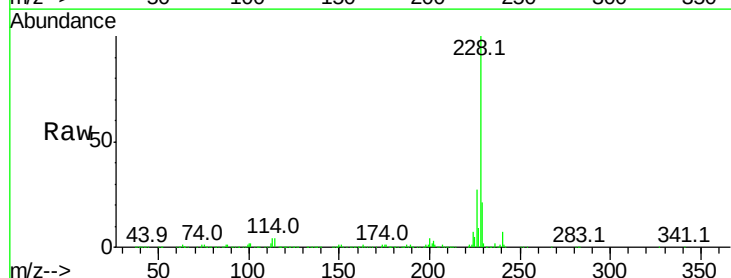
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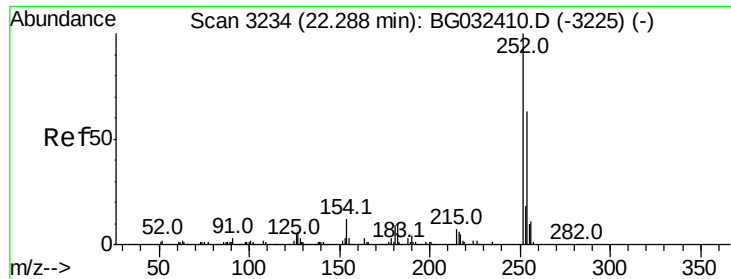
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#80
Benzo(a)anthracene
Concen: 46.265 ng
RT: 22.39 min Scan# 3250
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.7	34.1
229	20.9	16.2	24.2





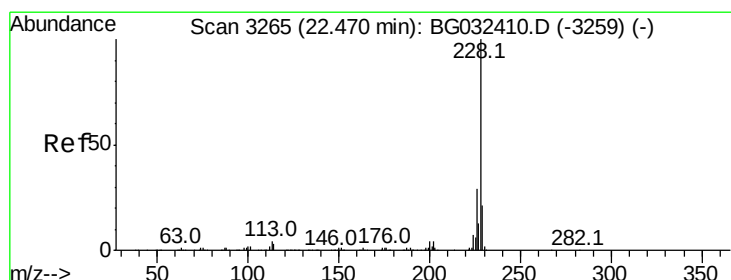
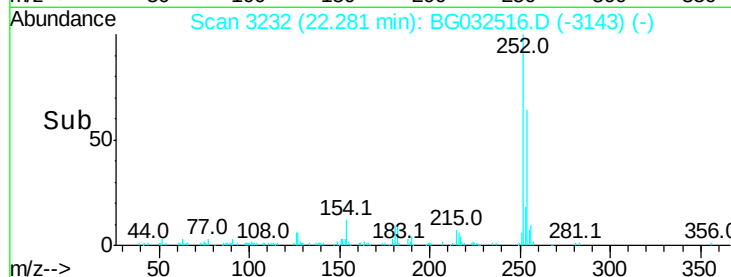
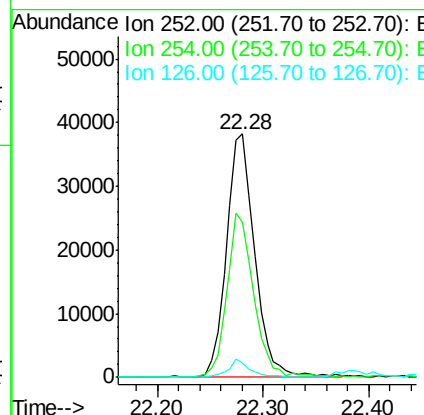
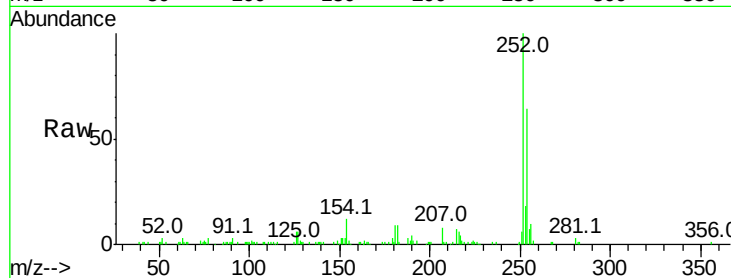
#81
 3,3'-Dichlorobenzidine
 Concen: 11.602 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	5.7	7.4	11.2

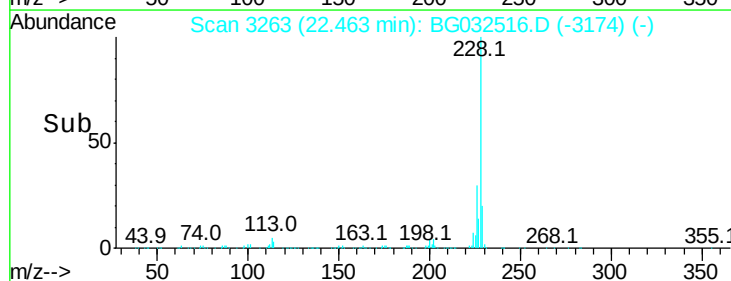
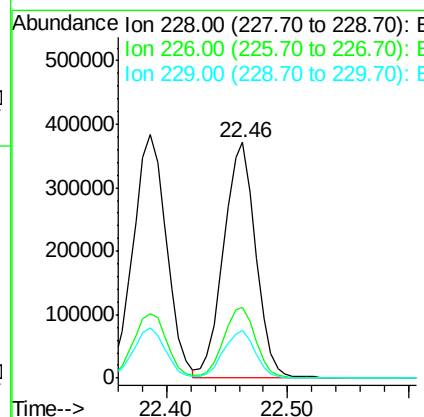
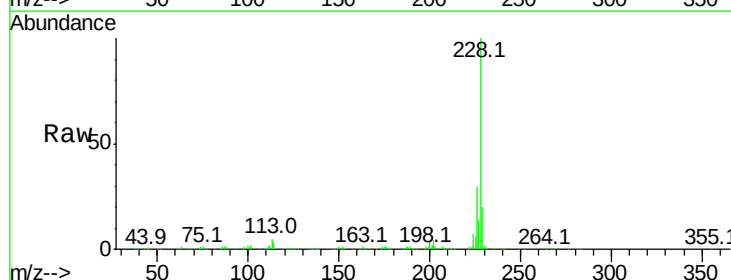
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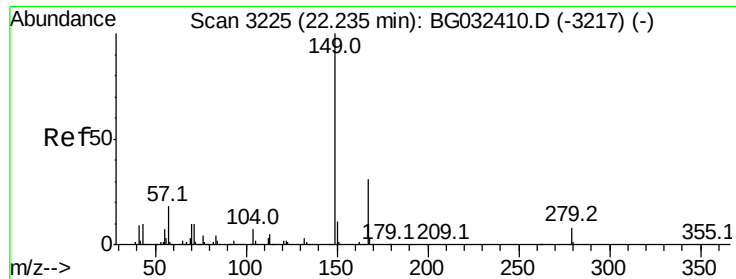
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#82
 Chrysene
 Concen: 44.659 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.1	15.0	22.4





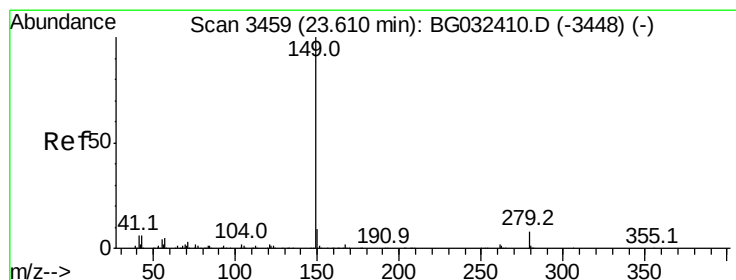
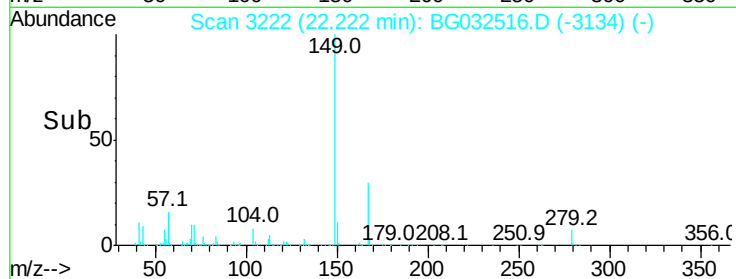
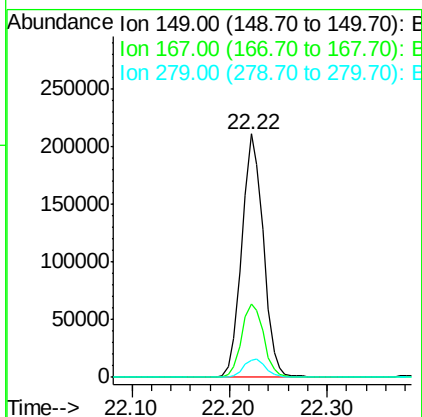
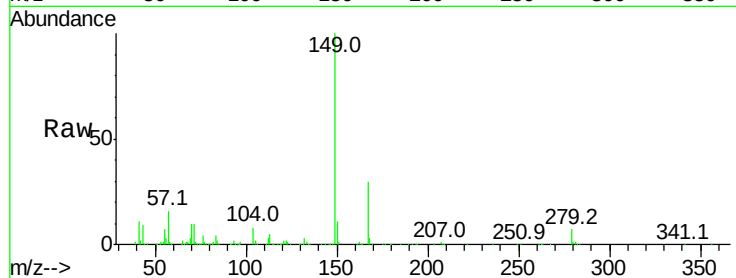
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.400 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.3	36.5
279	7.1	4.0	6.0

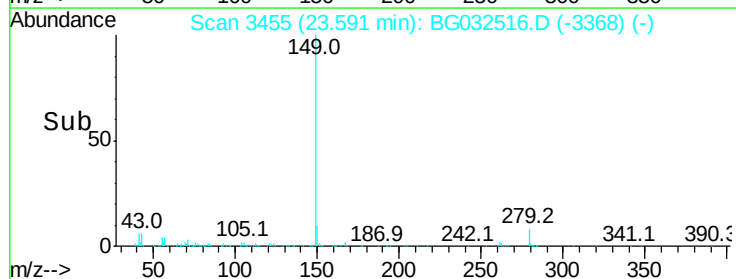
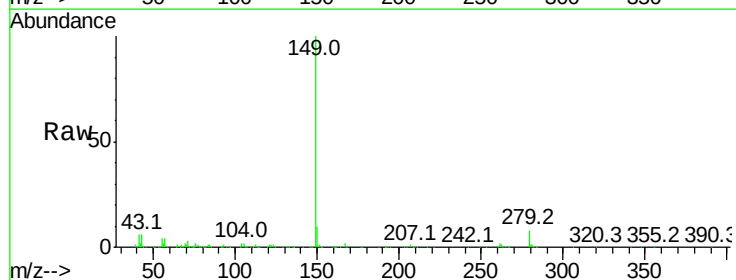
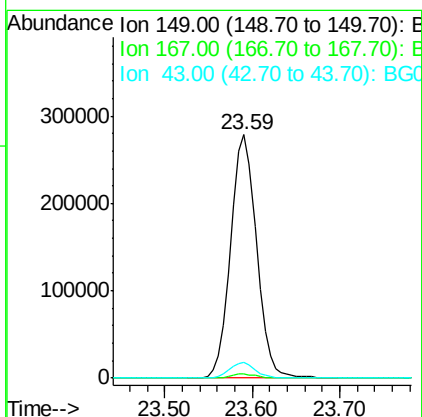
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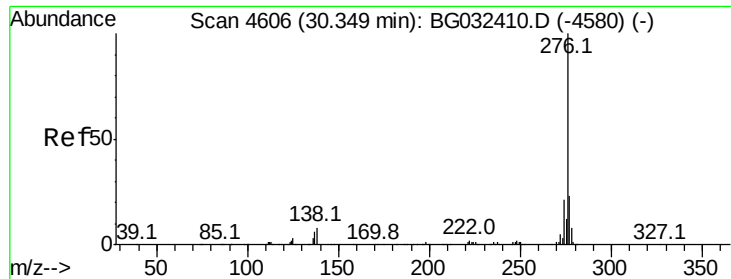
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#84
 Di-n-octyl phthalate
 Concen: 50.454 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.5	8.9	13.3





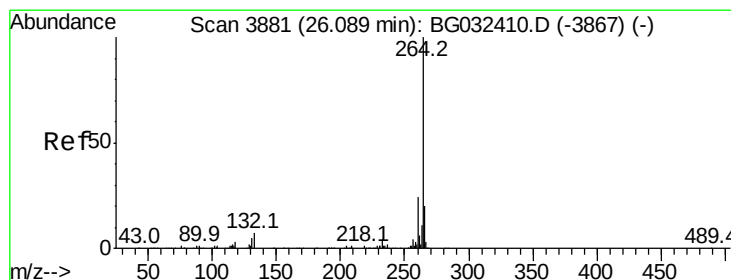
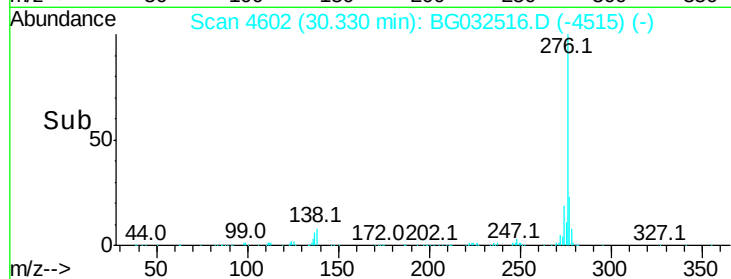
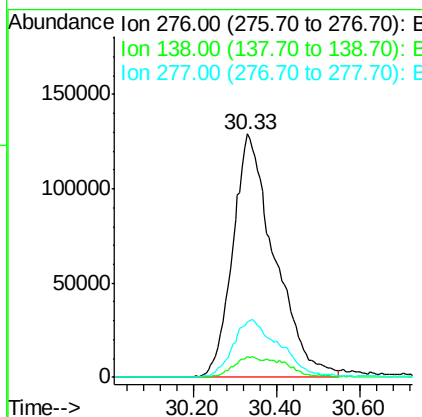
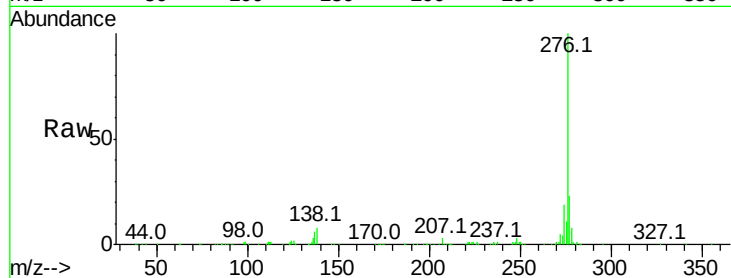
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.888 ng
RT: 30.33 min Scan# 4602
Delta R.T. -0.02 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.5	16.0	24.0#
277	26.2	20.0	30.0

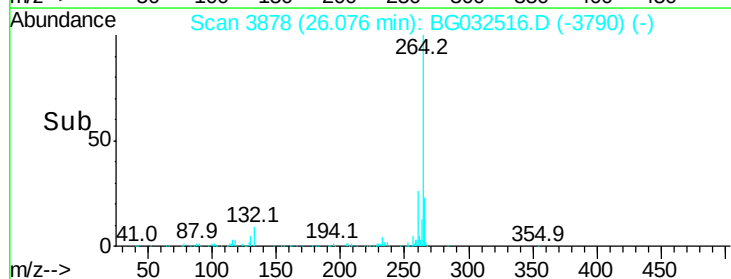
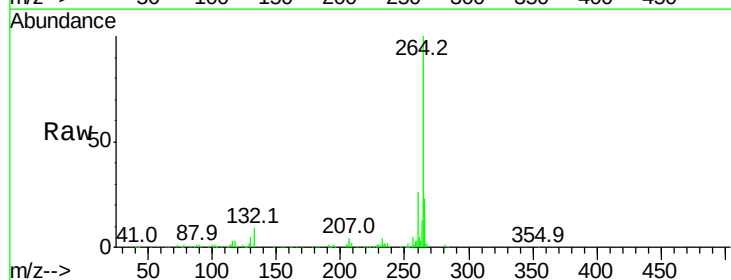
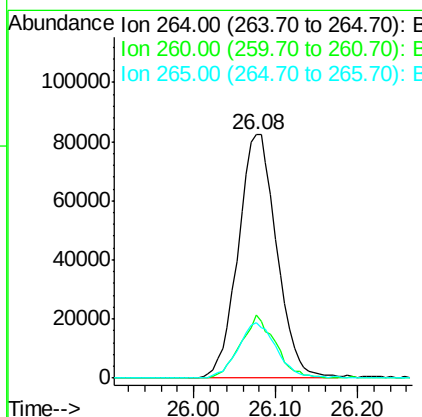
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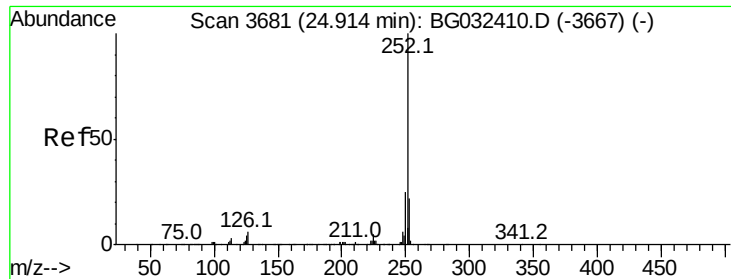
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.4	26.0
265	22.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.016 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

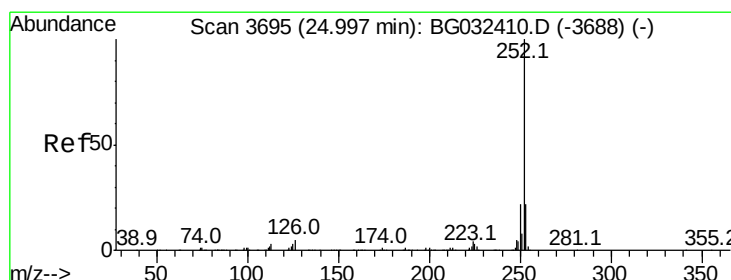
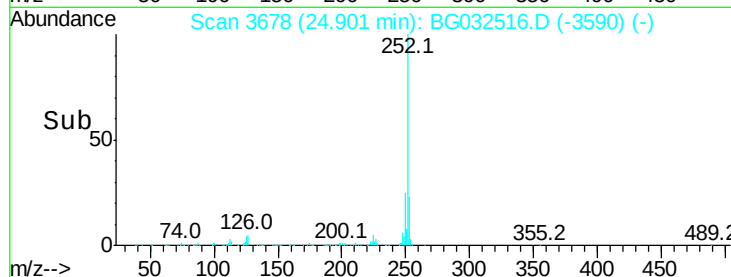
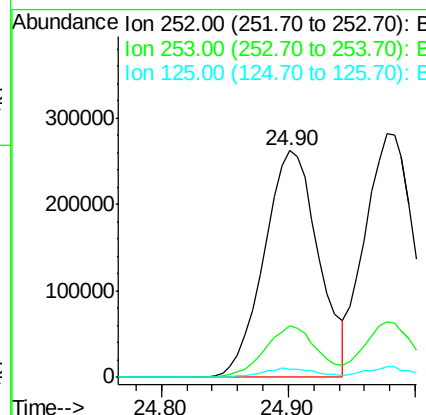
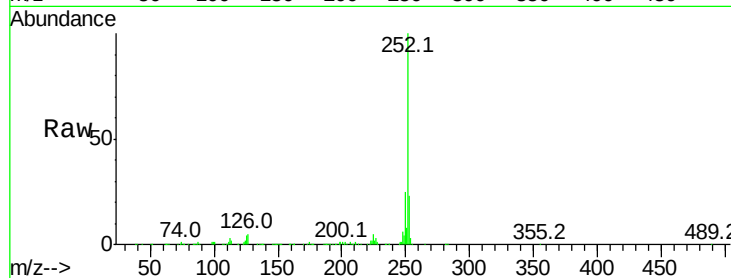
ClientSampleId :

NB-08-020118MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	3.8	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 47.540 ng

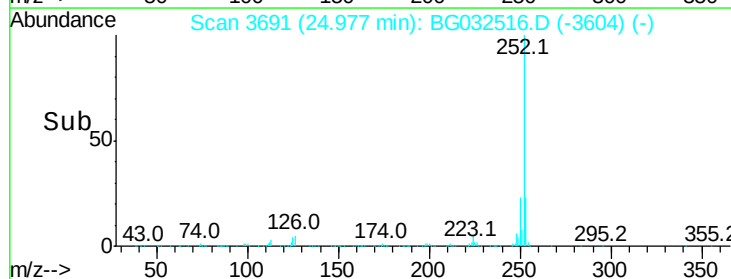
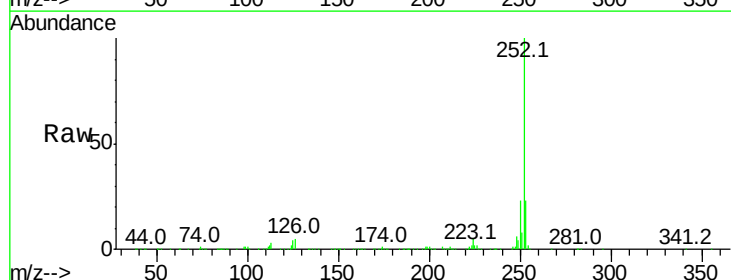
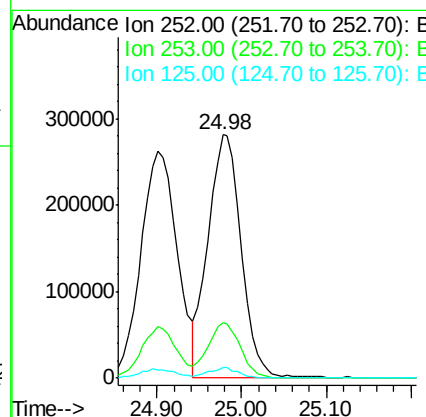
RT: 24.98 min Scan# 3691

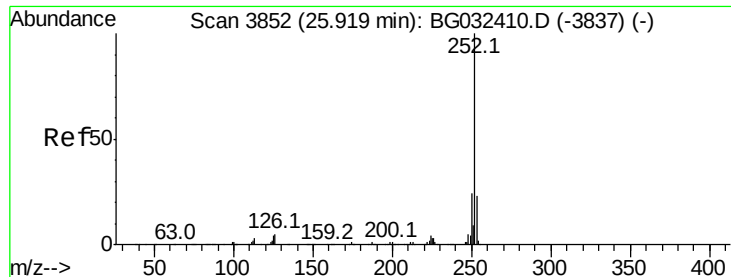
Delta R.T. -0.02 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	4.4	6.6	9.8





#89

Benzo(a)pyrene

Concen: 48.836 ng

RT: 25.91 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

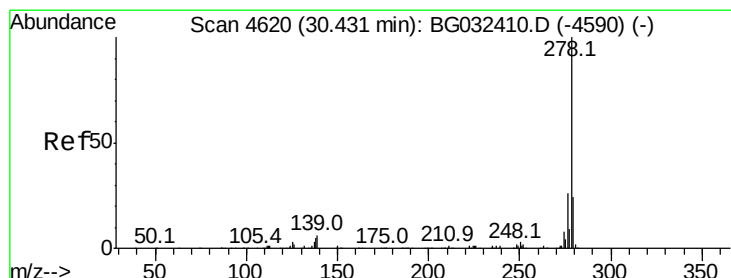
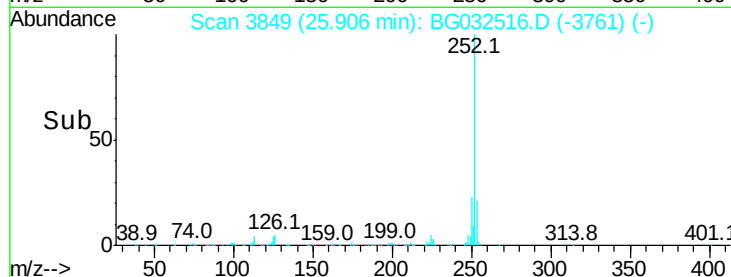
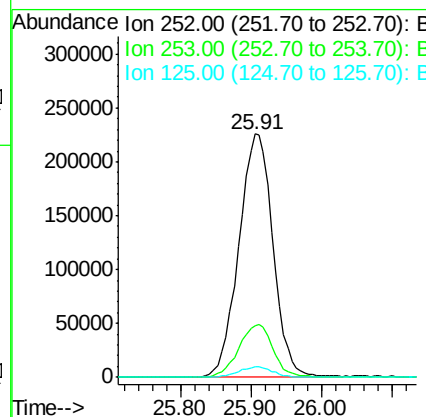
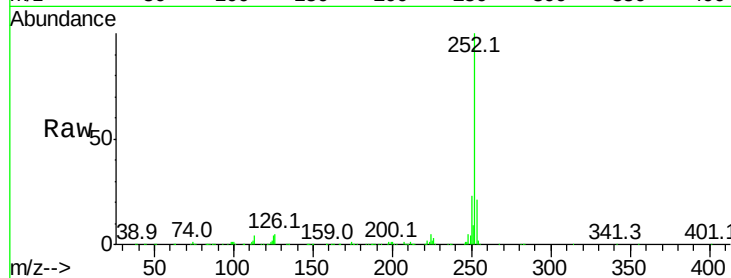
ClientSampleId :

NB-08-020118MSD

Tot Ion:	252	Resp:	758996
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.3	27.5
125	4.3	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 47.226 ng

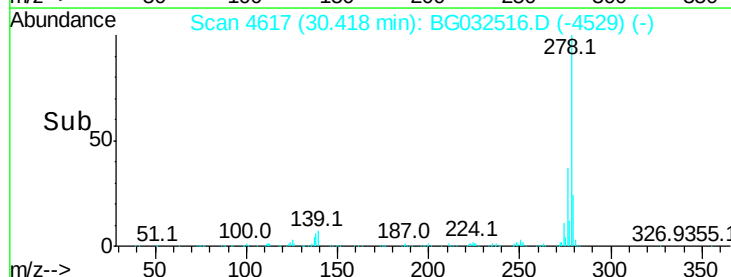
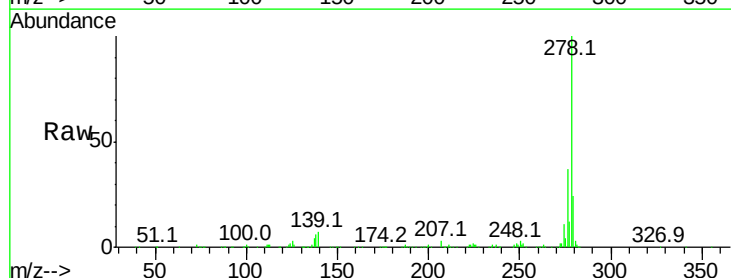
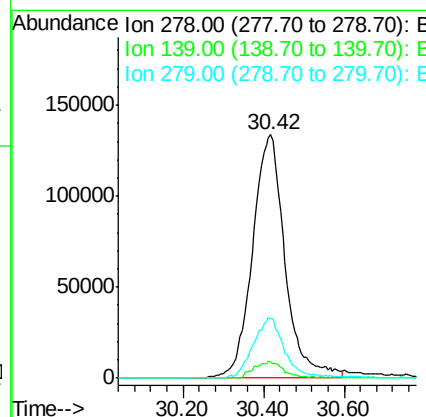
RT: 30.42 min Scan# 4617

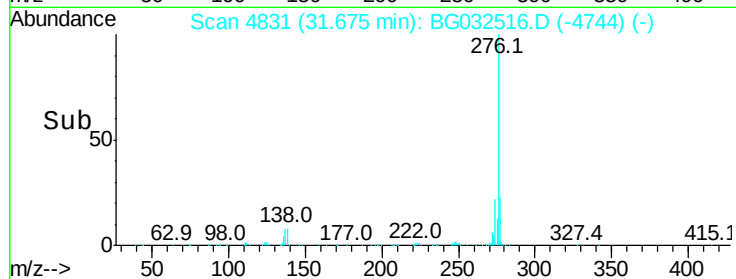
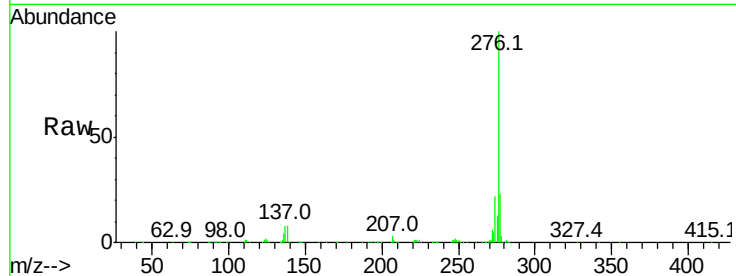
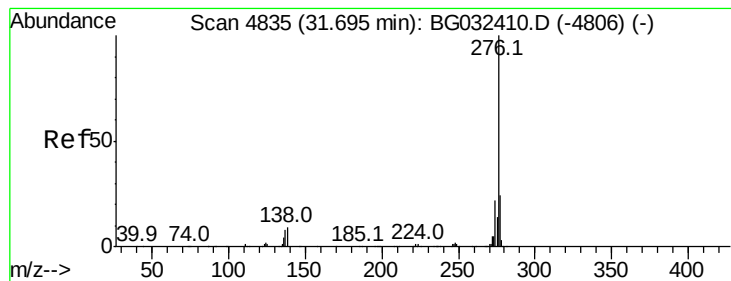
Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:	278	Resp:	750831
Ion Ratio	Lower	Upper	
278	100		
139	6.6	9.8	14.6#
279	24.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 45.518 ng

RT: 31.68 min Scan# 4831

Delta R.T. -0.02 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

NB-08-020118MSD

Tot Ion: 276 Resp: 718306

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 8.5 13.9 20.9#

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