

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032560.D
 Acq On : 6 Feb 2018 7:32
 Operator : SJ/JU
 Sample : PB106300BS
 Misc : MDL8PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Manual Integrations
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Sohil
 2/6/2018 2:40:24 PM

Quant Time: Feb 06 10:19:28 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	8.70	152	26551	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	104590	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	73144	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	192375	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	265697	20.00	ng	-0.01
86) Perylene-d12	26.07	264	302163	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	159451	120.62	ng	0.00
7) Phenol-d6	7.83	99	161566	91.59	ng	0.00
23) Nitrobenzene-d5	9.91	82	118097	70.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	168262	120.85	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	448913	72.95	ng	-0.02
78) Terphenyl-d14	20.61	244	932786	75.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	13602	30.583	ng	# 74
3) Pyridine	4.25	79	37946	31.597	ng	# 79
4) n-Nitrosodimethylamine	4.16	42	21148	33.829	ng	# 76
6) Aniline	8.00	93	19868	9.034	ng	97
8) 2-Chlorophenol	8.26	128	66880	42.802	ng	# 81
9) Benzaldehyde	7.81	77	13396m	14.704	ng	
10) Phenol	7.85	94	56466	33.708	ng	92
11) bis(2-Chloroethyl)ether	8.09	93	44665	34.994	ng	# 78
12) 1,3-Dichlorobenzene	8.59	146	73725	34.889	ng	95
13) 1,4-Dichlorobenzene	8.75	146	76701	36.214	ng	95
14) 1,2-Dichlorobenzene	9.07	146	72196	34.797	ng	95
15) Benzyl Alcohol	8.95	79	50343	34.629	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.23	45	40768	33.708	ng	65
17) 2-Methylphenol	9.15	107	50445	37.078	ng	# 92
18) Hexachloroethane	9.83	117	25610	36.014	ng	# 78
19) n-Nitroso-di-n-propylamine	9.51	70	39907	34.121	ng	# 87
20) 3+4-Methylphenols	9.49	107	66999	35.107	ng	95
22) Acetophenone	9.55	105	85147	34.730	ng	# 93
24) Nitrobenzene	9.95	77	58243	35.970	ng	# 90
25) Isophorone	10.47	82	109084	38.259	ng	# 81
26) 2-Nitrophenol	10.68	139	37977	38.799	ng	# 80
27) 2,4-Dimethylphenol	10.71	122	59743	42.525	ng	# 92
28) bis(2-Chloroethoxy)methane	10.95	93	63689	40.735	ng	# 95
29) 2,4-Dichlorophenol	11.22	162	78863	42.374	ng	87
30) 1,2,4-Trichlorobenzene	11.44	180	87079	35.105	ng	95
31) Naphthalene	11.64	128	193721	37.923	ng	99
32) Benzoic acid	10.84	122	21313m	24.534	ng	
33) 4-Chloroaniline	11.74	127	25240	11.078	ng	# 91
34) Hexachlorobutadiene	11.90	225	67605	35.030	ng	100
35) Caprolactam	12.50	113	19792	37.045	ng	# 50
36) 4-Chloro-3-methylphenol	12.82	107	72117	40.852	ng	90
37) 2-Methylnaphthalene	13.20	142	158002	36.817	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	127389	37.228	ng	95
40) Hexachlorocyclopentadiene	13.53	237	178165	83.332	ng	91

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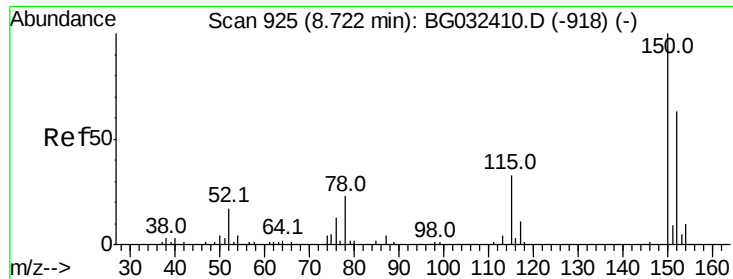
Manual Integrations
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 2/6/2018 2:40:24 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	73501	39.489	nq	98
43) 2,4,5-Trichlorophenol	13.87	196	77674	35.798	nq #	90
45) 1,1'-Biphenyl	14.18	154	229229	37.095	nq	96
46) 2-Chloronaphthalene	14.23	162	175920	36.321	nq	99
47) 2-Nitroaniline	14.43	65	39148	36.550	nq #	67
48) Acenaphthylene	15.07	152	267724	36.564	nq	99
49) Dimethylphthalate	14.77	163	236007	34.994	nq	98
50) 2,6-Dinitrotoluene	14.90	165	53112	37.521	nq #	74
51) Acenaphthene	15.41	154	174159	34.297	nq	97
52) 3-Nitroaniline	15.24	138	21044	17.020	nq #	64
53) 2,4-Dinitrophenol	15.44	184	7931	12.620	nq #	78
54) Dibenzofuran	15.74	168	282106	37.534	nq	98
55) 4-Nitrophenol	15.53	139	68730	74.251	nq #	78
56) 2,4-Dinitrotoluene	15.68	165	77862	38.633	nq #	68
57) Fluorene	16.38	166	222308	35.594	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.95	232	85845	40.114	nq #	86
59) Diethylphthalate	16.11	149	228103	34.727	nq	97
60) 4-Chlorophenyl-phenylether	16.36	204	138154	35.079	nq	94
61) 4-Nitroaniline	16.40	138	43507	32.830	nq	85
62) Azobenzene	16.65	77	145987	37.191	nq	85
64) 4,6-Dinitro-2-methylphenol	16.44	198	15913	11.072	nq #	67
65) n-Nitrosodiphenylamine	16.57	169	215961	37.617	nq	98
66) 4-Bromophenyl-phenylether	17.25	248	107315	37.654	nq	94
67) Hexachlorobenzene	17.38	284	117356	37.209	nq #	89
68) Atrazine	17.49	200	100001	40.576	nq	94
69) Pentachlorophenol	17.72	266	98136	49.670	nq	98
70) Phenanthrene	18.12	178	397429	37.045	nq	99
71) Anthracene	18.21	178	414015	38.758	nq	97
72) Carbazole	18.48	167	360809	38.228	nq	99
73) Di-n-butylphthalate	18.97	149	406015	38.854	nq	98
74) Fluoranthene	20.08	202	534381	37.982	nq	95
76) Benzidine	20.25	184	142000	27.218	nq	99
77) Pyrene	20.44	202	547896	33.621	nq	99
79) Butylbenzylphthalate	21.30	149	193581	37.660	nq #	73
80) Benzo(a)anthracene	22.38	228	629398	38.211	nq	99
81) 3,3'-Dichlorobenzidine	22.28	252	92454	14.487	nq #	98
82) Chrysene	22.46	228	587917	36.959	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	281292	38.595	nq #	98
84) Di-n-octyl phthalate	23.59	149	519295	44.921	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.33	276	854701	42.473	nq #	85
87) Benzo(b)fluoranthene	24.90	252	710293	38.904	nq #	95
88) Benzo(k)fluoranthene	24.98	252	694893	38.421	nq #	96
89) Benzo(a)pyrene	25.90	252	692372	39.778	nq #	96
90) Dibenzo(a,h)anthracene	30.40	278	709622	39.854	nq #	93
91) Benzo(g,h,i)perylene	31.67	276	705249	39.904	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.70 min Scan# 922

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

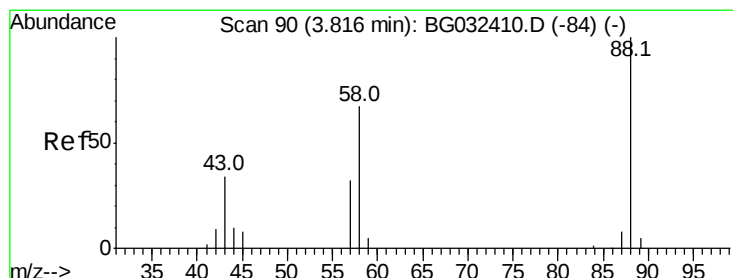
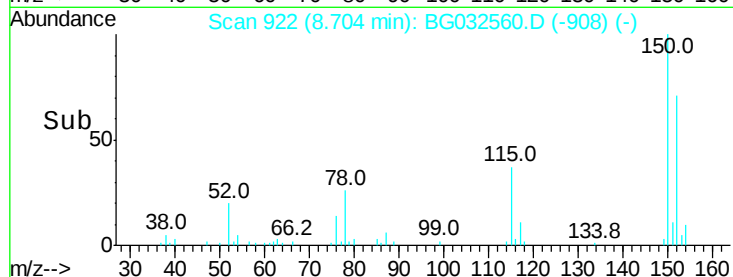
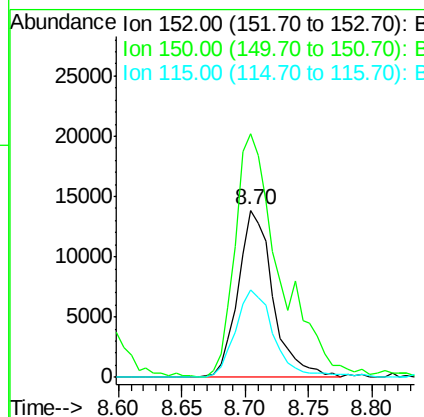
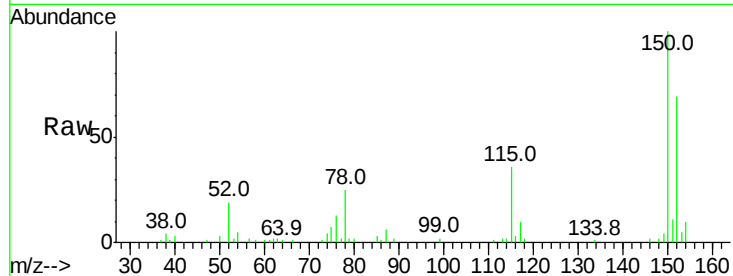
ClientSampled :

PB106300BS

Tot Ion:	152	Resp:	26551
Ion Ratio	Lower	Upper	
152	100		
150	145.8	126.6	189.8
115	52.0	53.0	79.4#

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#2

1,4-Dioxane

Concen: 30.583 ng

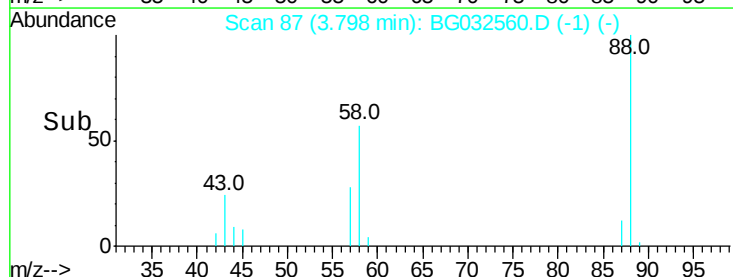
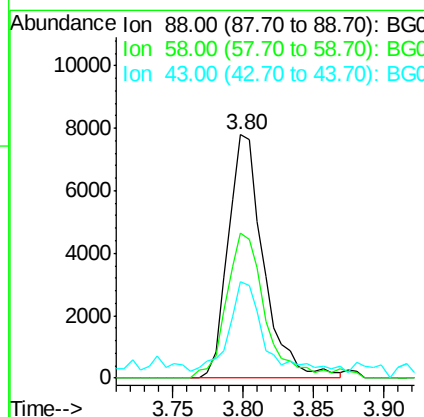
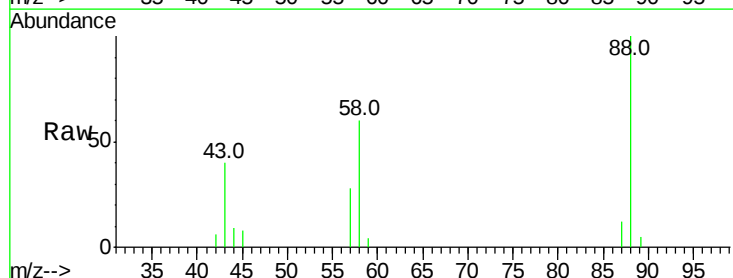
RT: 3.80 min Scan# 87

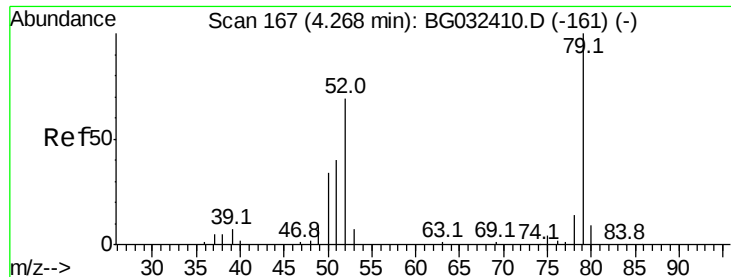
Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	88	Resp:	13602
Ion Ratio	Lower	Upper	
88	100		
58	65.0	79.6	119.4#
43	34.3	27.4	41.0





#3

Pvridine

Concen: 31.597 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

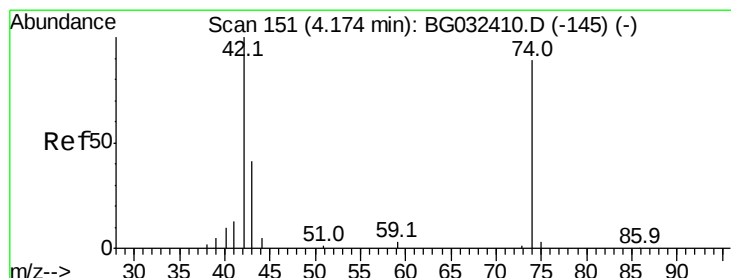
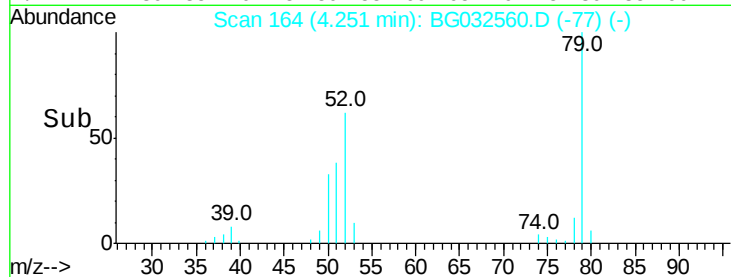
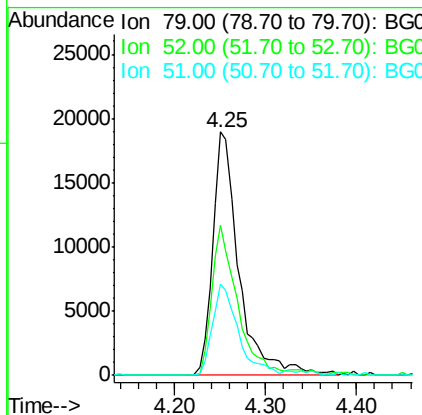
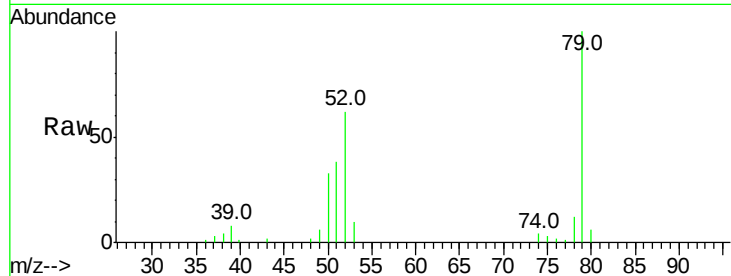
ClientSampleId :

PB106300BS

Tot Ion:	79	Resp:	37946
Ion	Ratio	Lower	Upper
79	100		
52	61.9	69.9	104.9#
51	37.6	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 33.829 ng

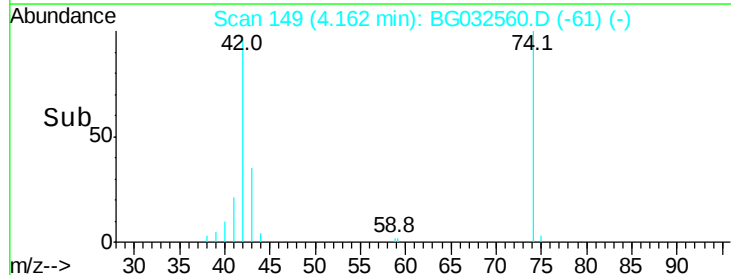
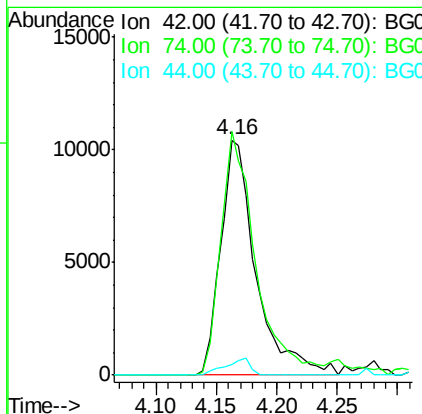
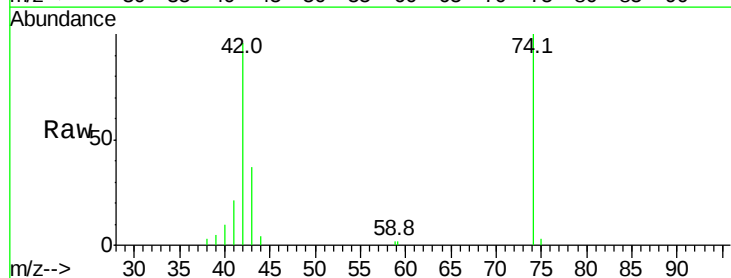
RT: 4.16 min Scan# 149

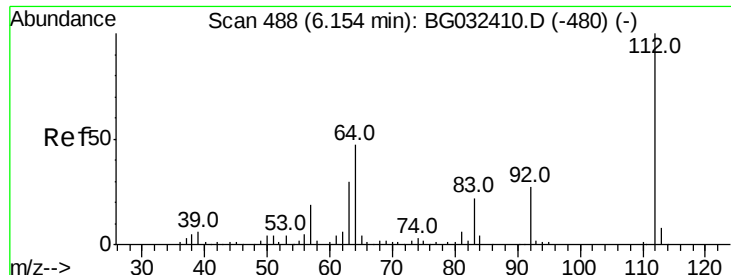
Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	42	Resp:	21148
Ion	Ratio	Lower	Upper
42	100		
74	103.8	102.5	153.7
44	4.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 120.623 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

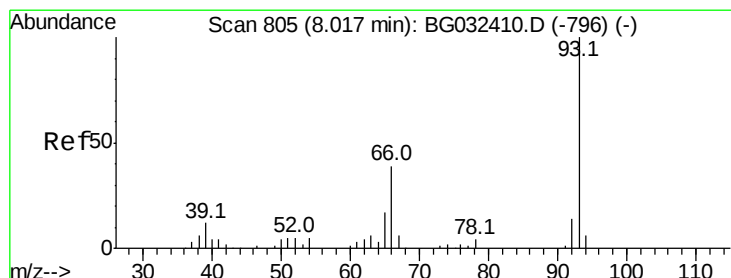
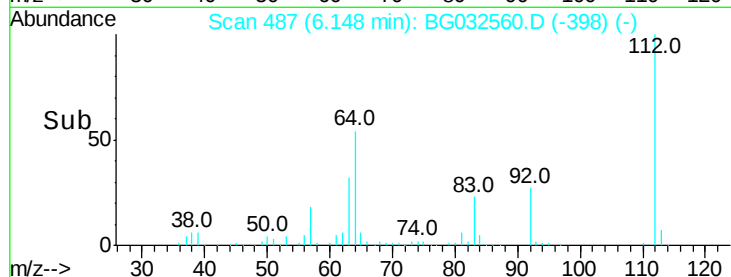
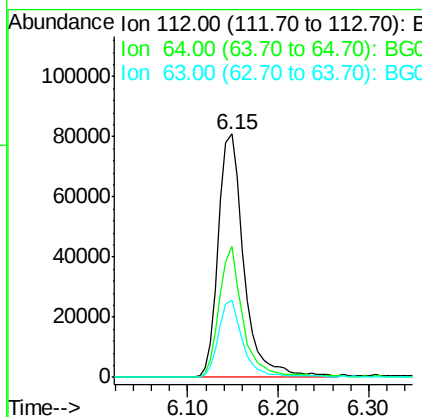
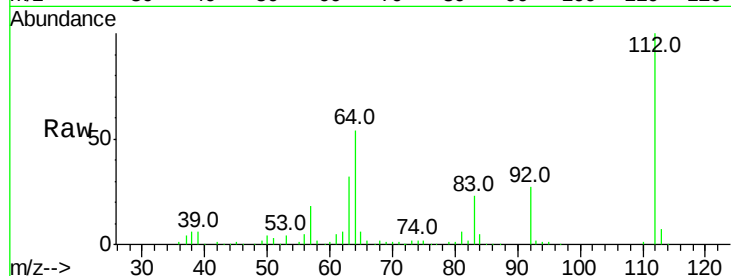
ClientSampled :

PB106300BS

Tot Ion:	112	Resp:	159451
Ion Ratio	Lower	Upper	
112	100		
64	53.7	56.3	84.5#
63	31.5	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 9.034 ng

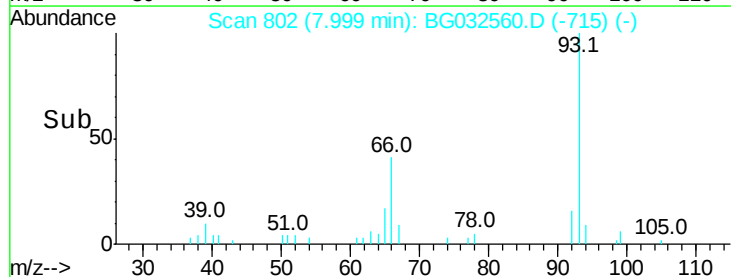
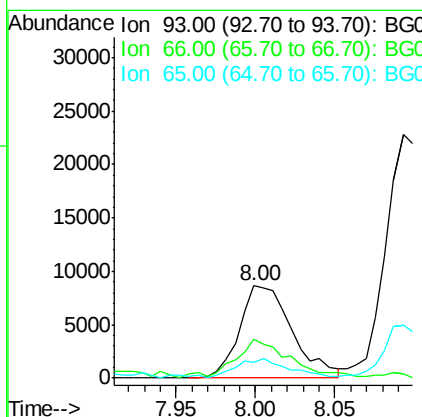
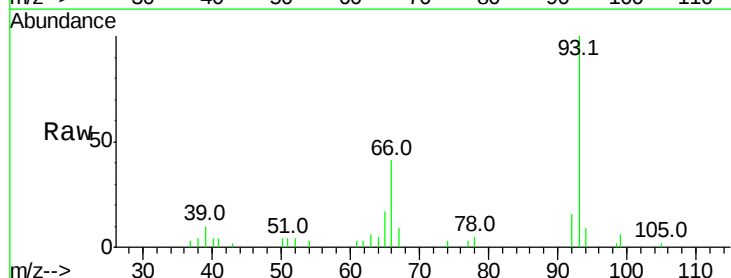
RT: 8.00 min Scan# 802

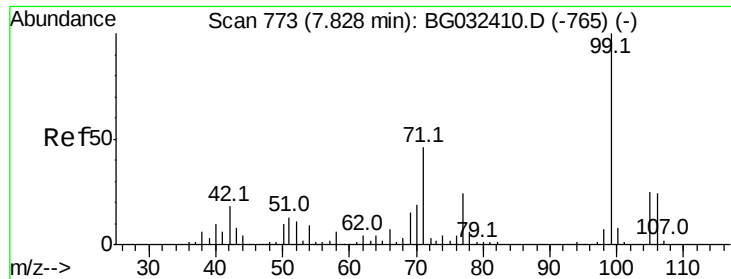
Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	93	Resp:	19868
Ion Ratio	Lower	Upper	
93	100		
66	41.5	33.7	50.5
65	16.7	16.1	24.1





#7

Phenol-d6

Concen: 91.593 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

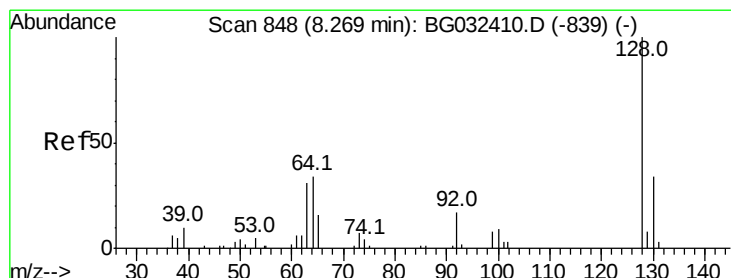
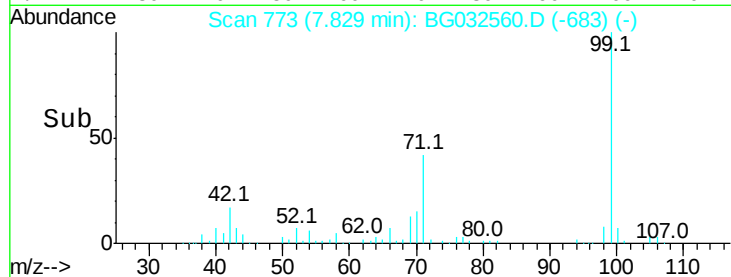
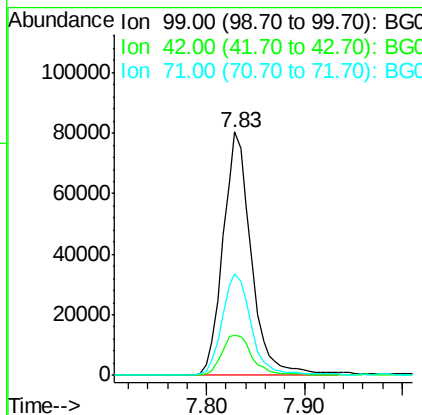
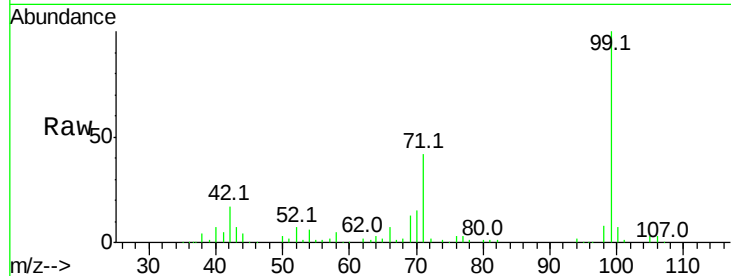
ClientSampled :

PB106300BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		161566		
42	16.6	14.1	21.1		
71	41.5	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 42.802 ng

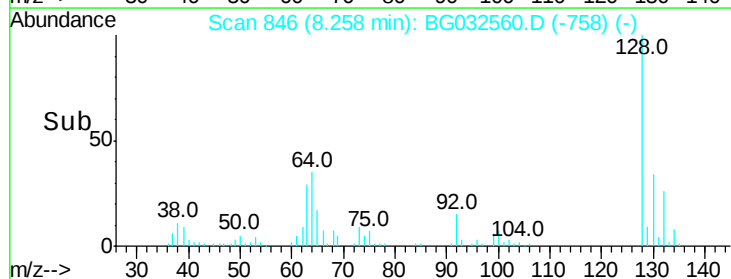
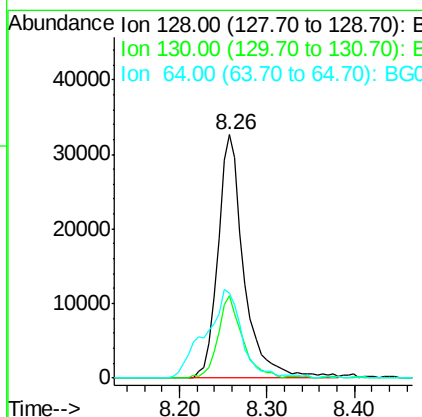
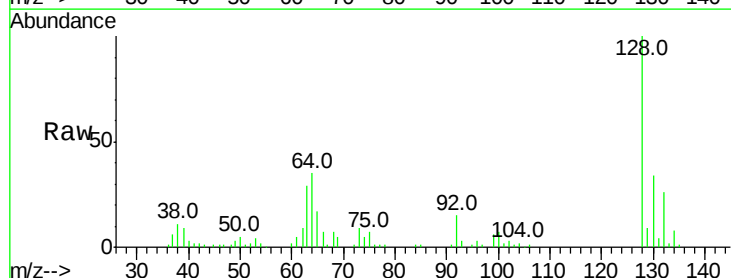
RT: 8.26 min Scan# 846

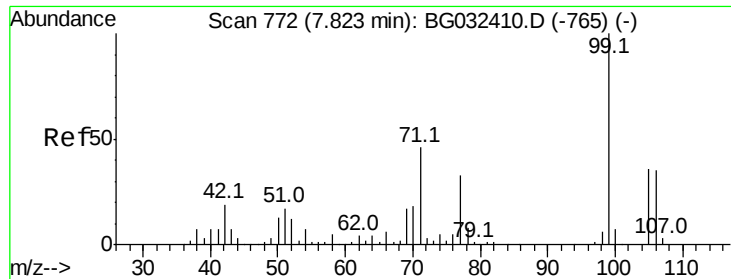
Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		66880		
130	34.0	14.0	54.0		
64	35.0	37.7	77.7#		





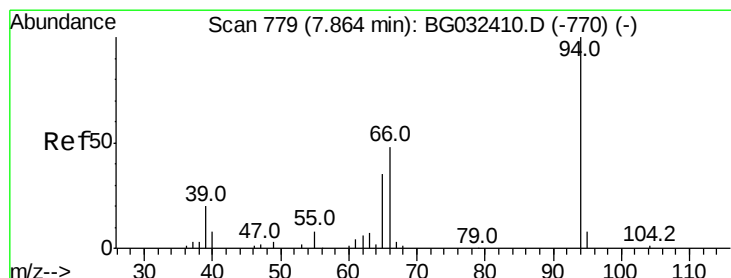
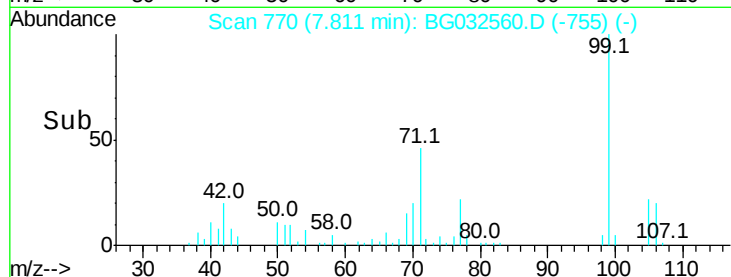
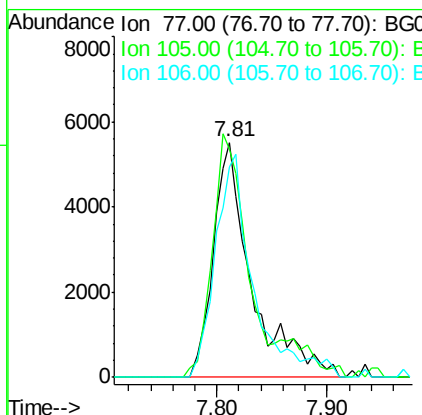
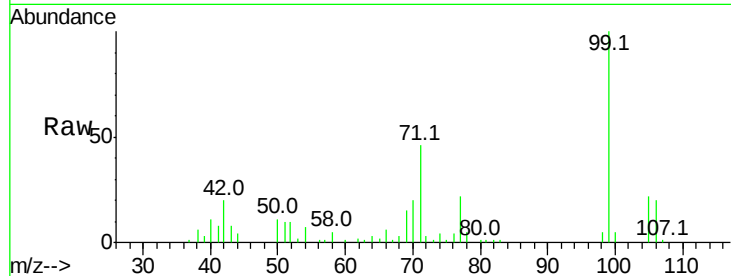
#9
Benzaldehyde
Concen: 14.704 ng/ml
RT: 7.81 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleID :
PB106300BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.2	71.3	111.3
106	89.5	64.2	104.2

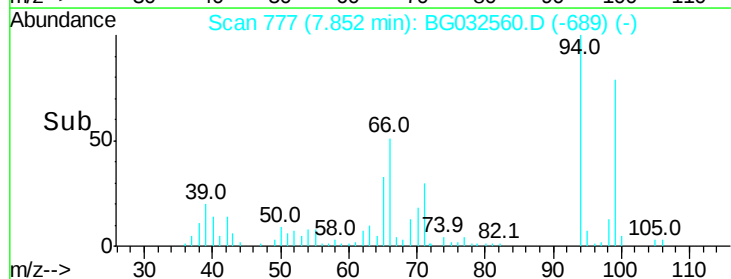
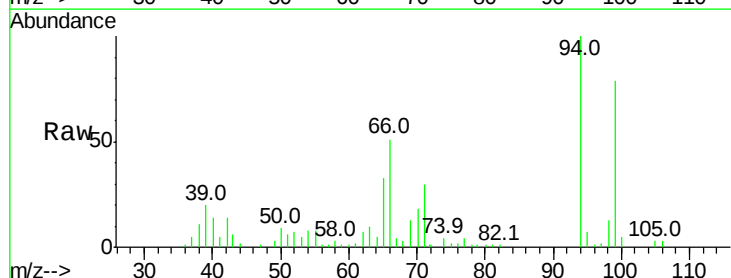
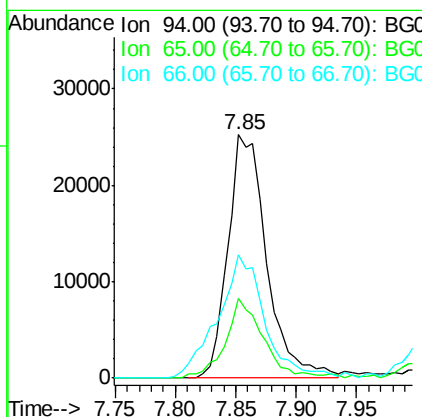
Manual Integrations
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#10
Phenol
Concen: 33.708 ng/ml
RT: 7.85 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.9	51.9
66	50.5	22.2	62.2





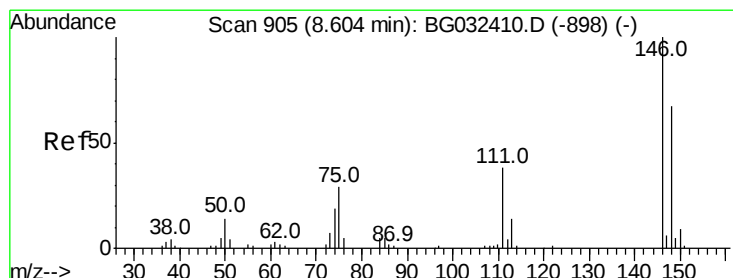
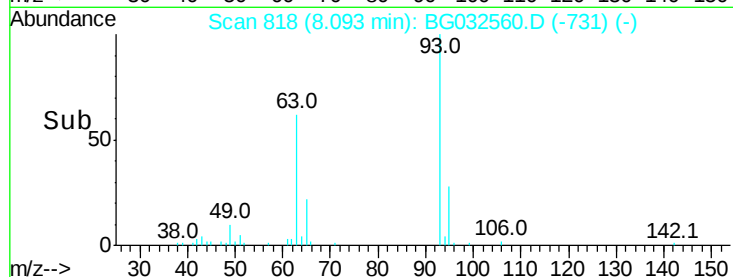
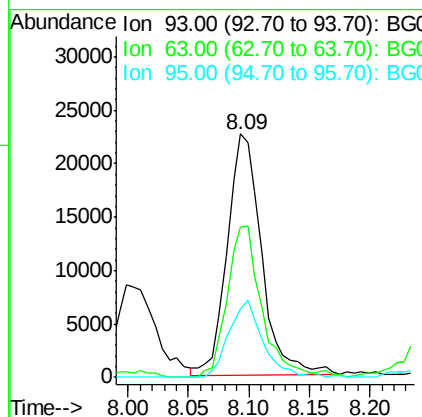
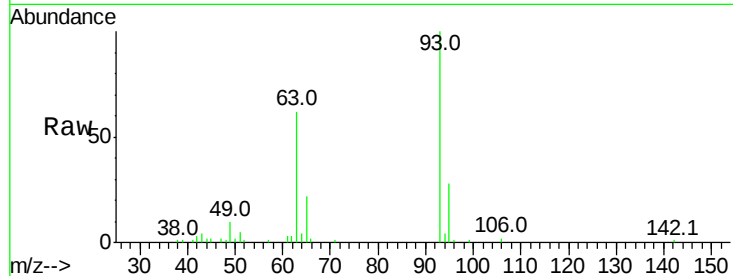
#11
bis(2-Chloroethyl)ether
Concen: 34.994 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleID :
PB106300BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	61.6	67.1	107.1#
95	27.9	11.5	51.5

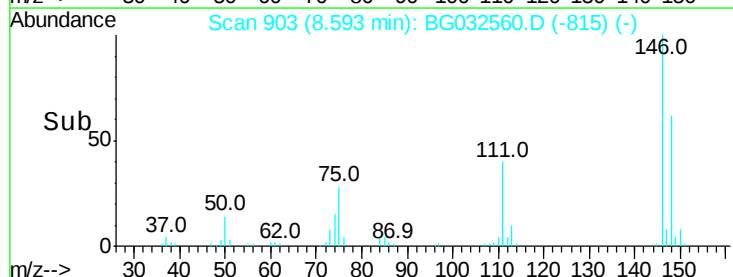
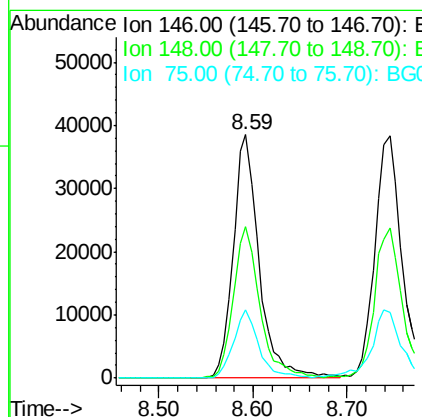
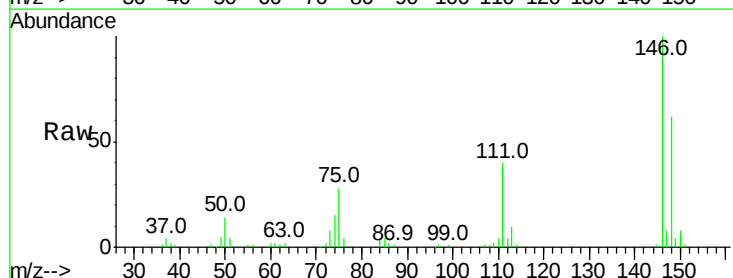
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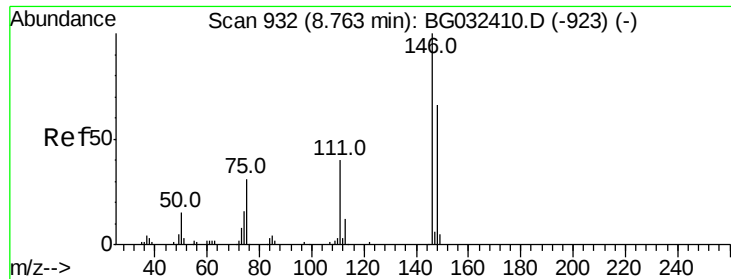
Sohil
2/6/2018 2:40:24 PM



#12
1,3-Dichlorobenzene
Concen: 34.889 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.2
75	28.2	26.6	39.8





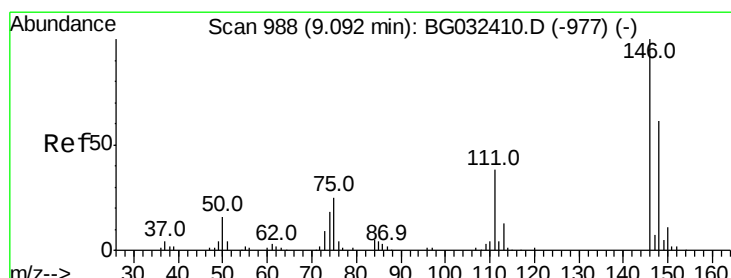
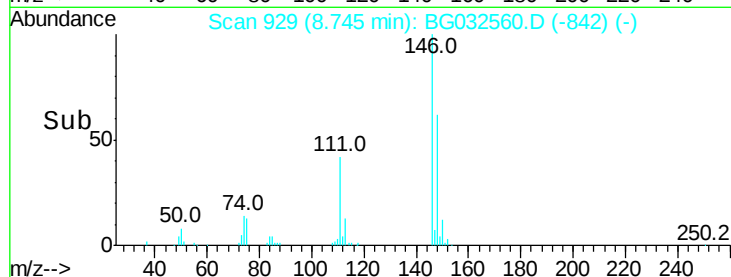
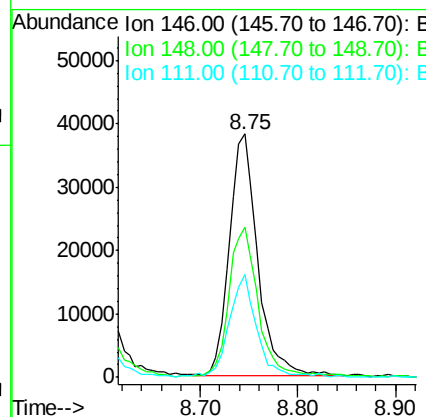
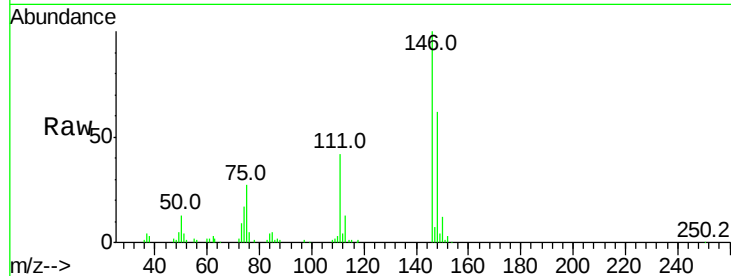
#13
 1,4-Dichlorobenzene
 Concen: 36.214 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampled :
 PB106300BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	53.7	80.5
111	42.1	35.2	52.8

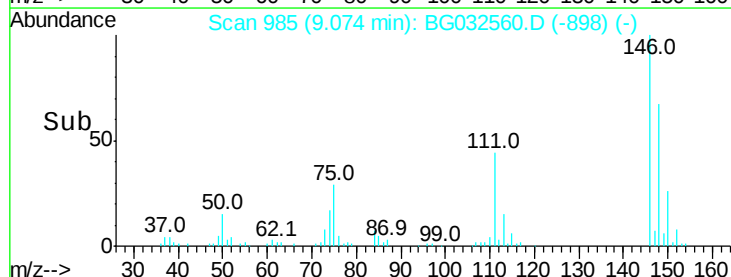
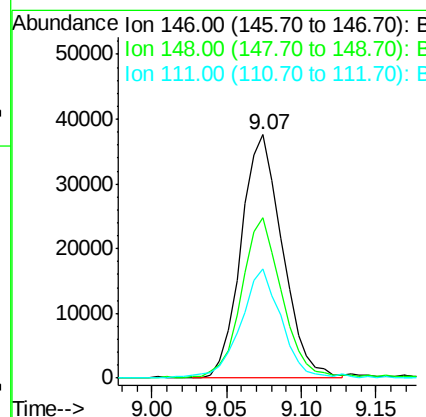
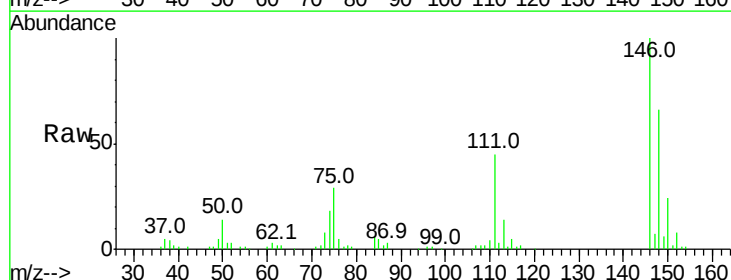
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#14
 1,2-Dichlorobenzene
 Concen: 34.797 ng
 RT: 9.07 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	49.3	73.9
111	44.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 34.629 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

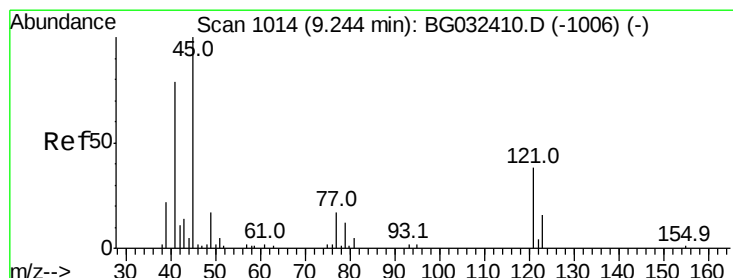
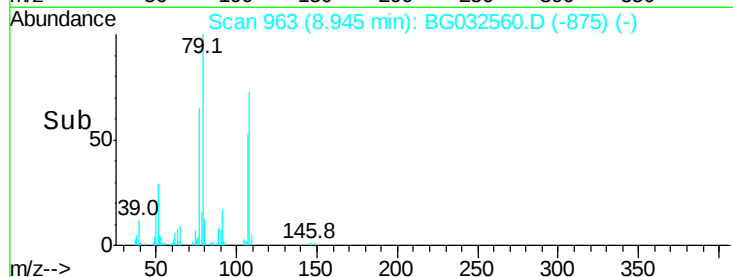
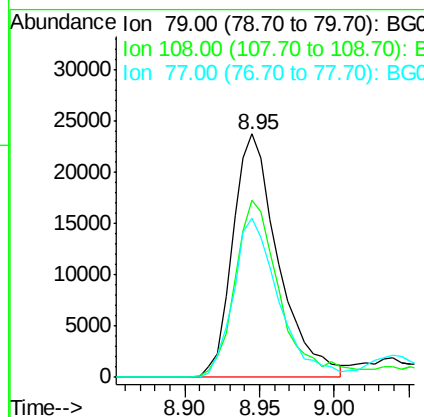
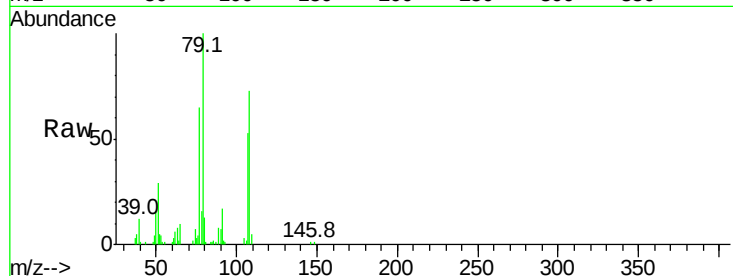
ClientSampleId :

PB106300BS

Tot Ion:	79	Resp:	50343
Ion Ratio	Lower	Upper	
79	100		
108	72.7	57.2	85.8
77	65.2	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.708 ng

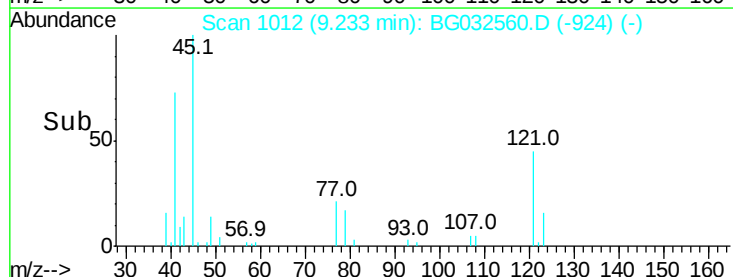
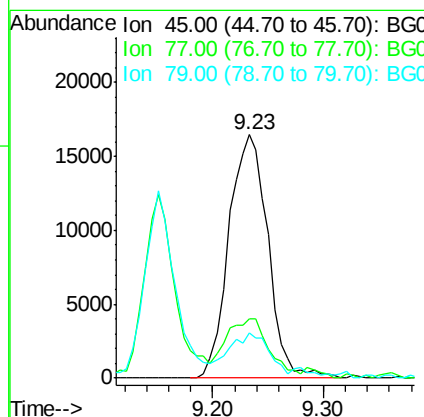
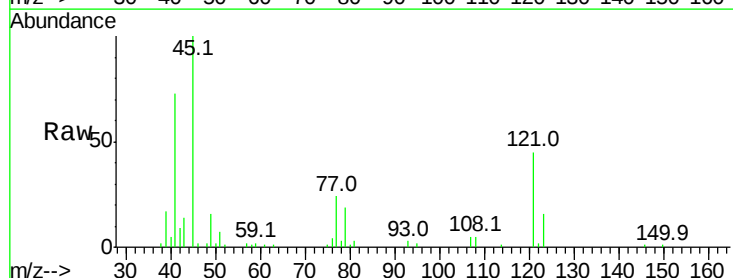
RT: 9.23 min Scan# 1012

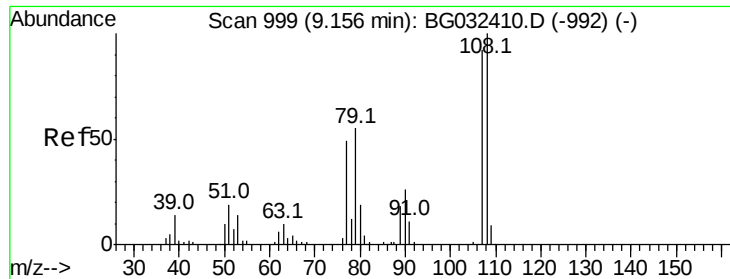
Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	45	Resp:	40768
Ion Ratio	Lower	Upper	
45	100		
77	24.2	0.0	30.2
79	18.7	0.0	27.9





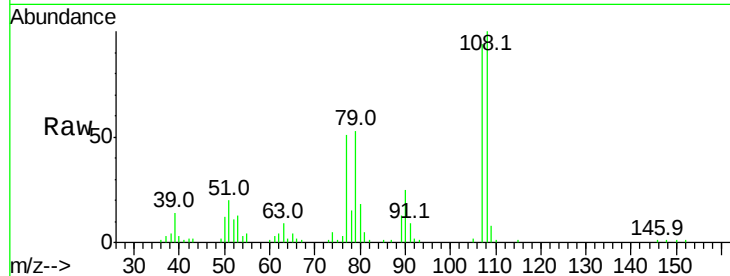
#17
2-Methylphenol
Concen: 37.078 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleID :
PB106300BS

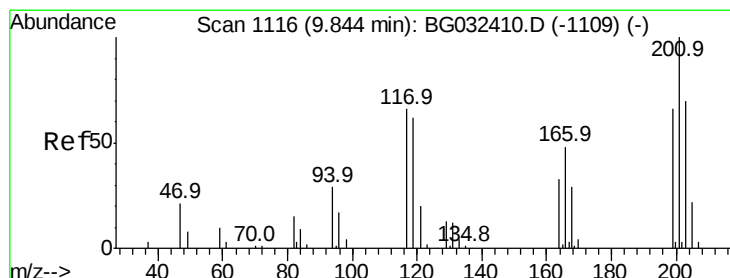
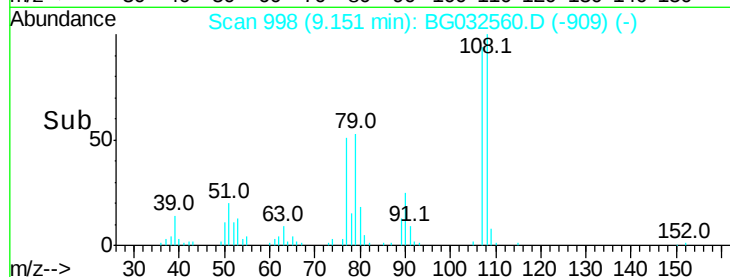
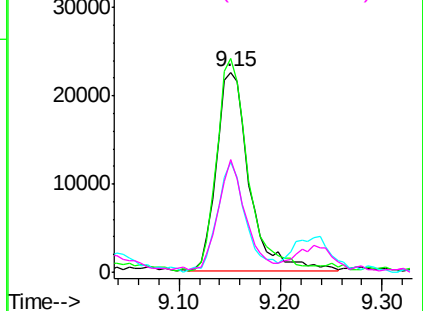
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.6	83.9	125.9
77	54.7	37.2	55.8
79	56.0	36.2	54.2

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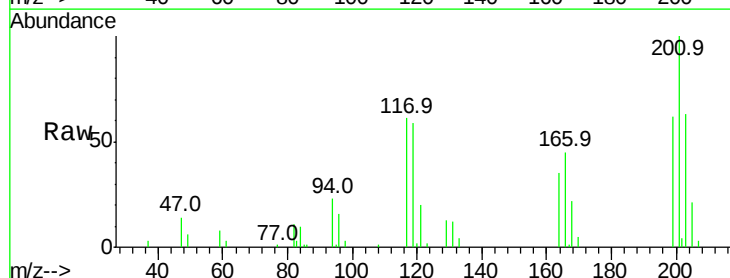


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

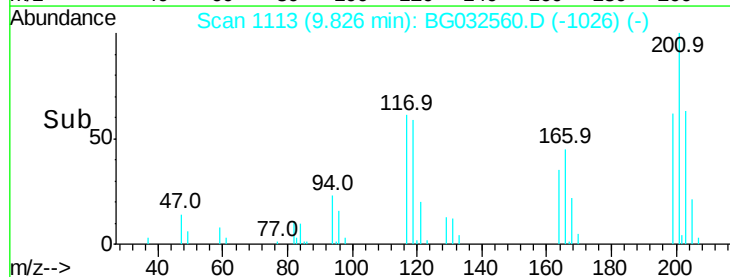
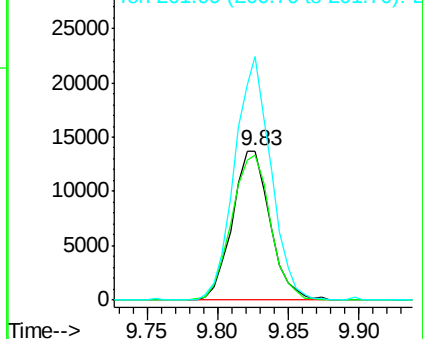


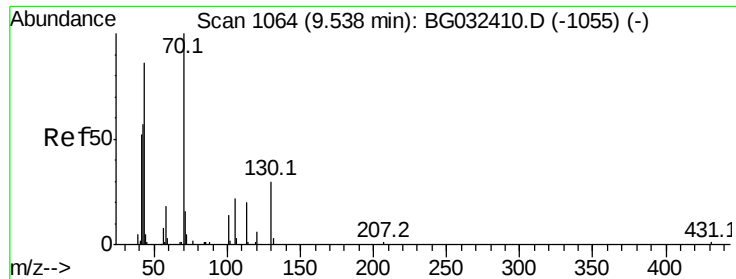
#18
Hexachloroethane
Concen: 36.014 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.7	115.1
201	163.5	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





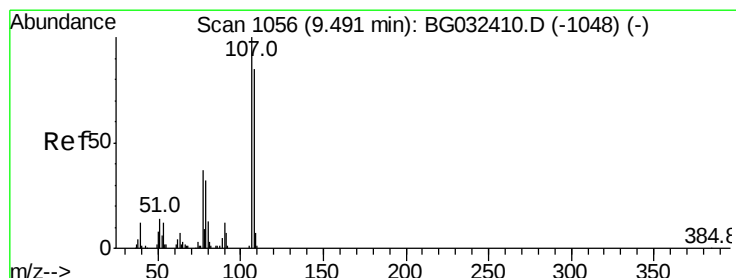
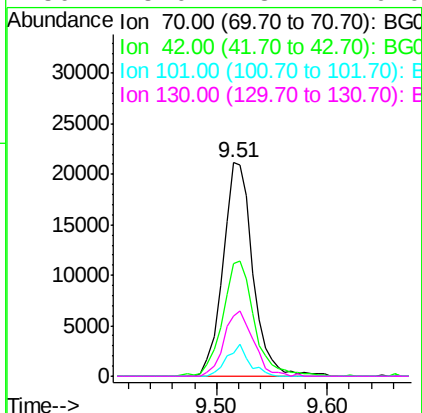
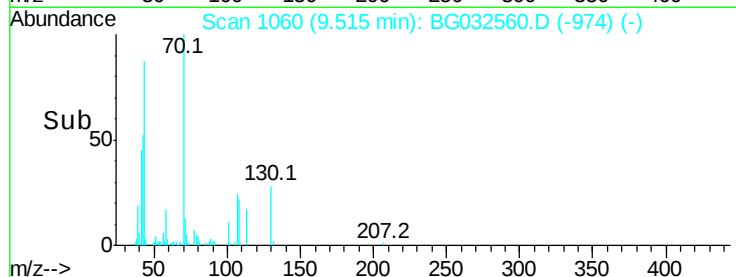
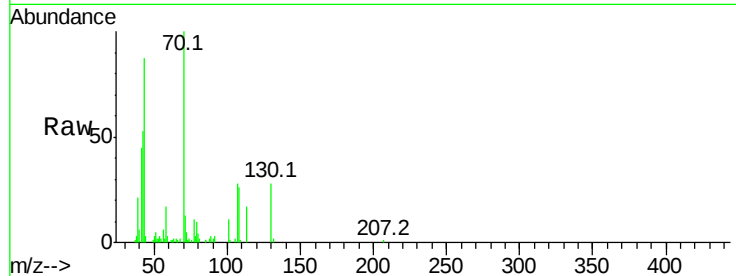
#19
n-Nitroso-di-n-propylamine
Concen: 34.121 ng
RT: 9.51 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	10.8	8.5	12.7
130	28.0	13.4	20.0

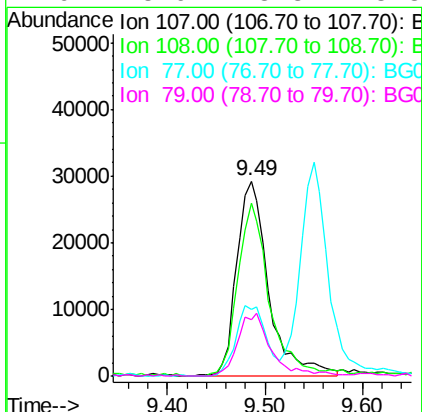
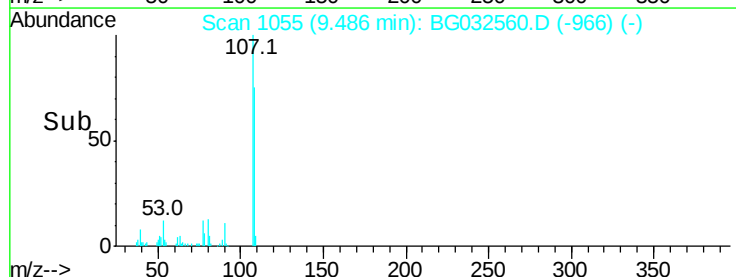
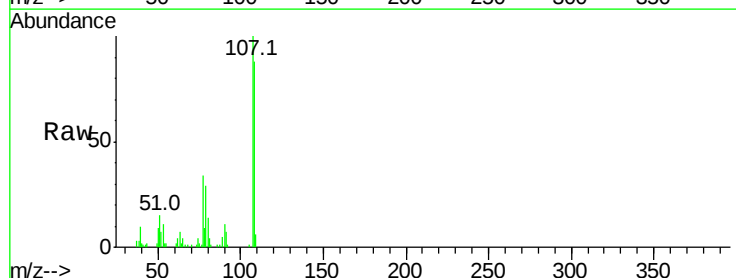
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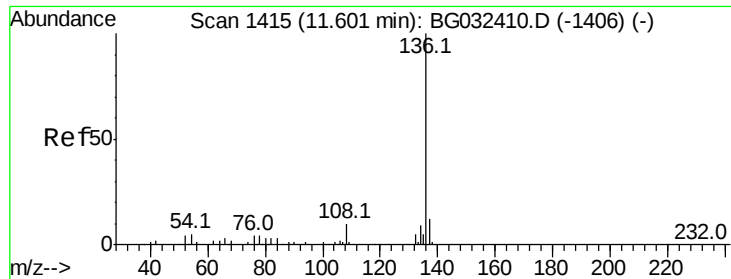
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#20
3+4-Methylphenols
Concen: 35.107 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	61.6	101.6
77	34.2	13.9	53.9
79	28.9	8.8	48.8





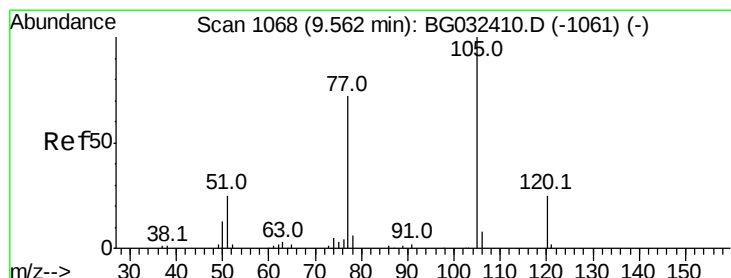
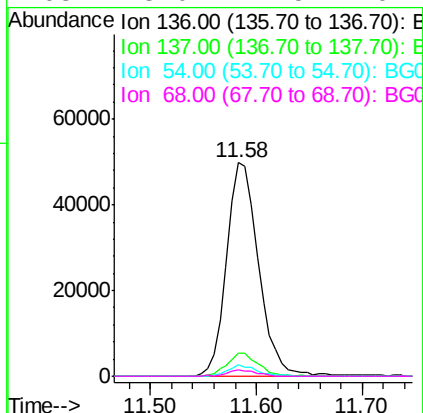
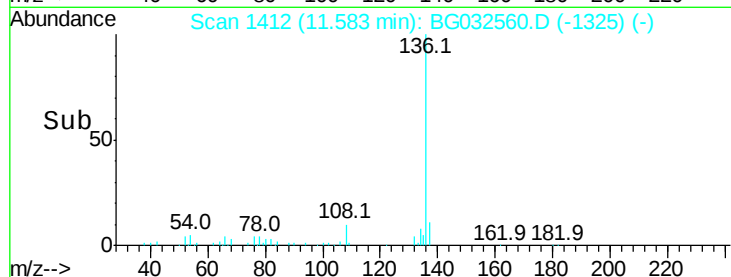
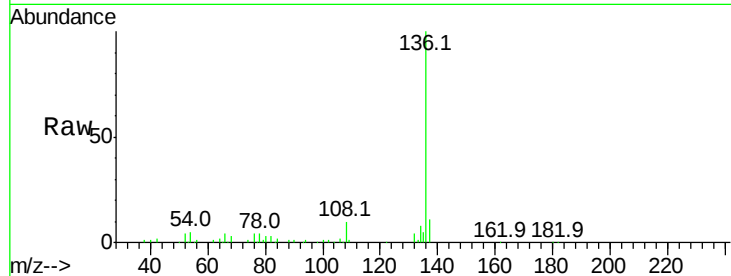
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.2	13.8	
54	5.3	10.3	15.5#	
68	3.0	4.5	6.7#	

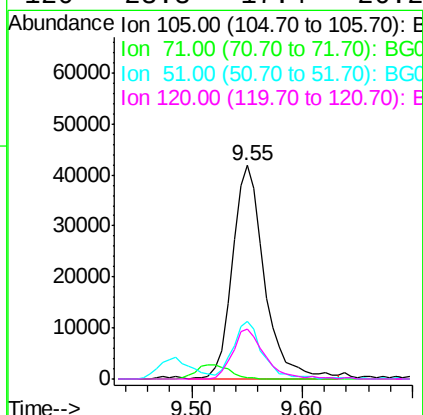
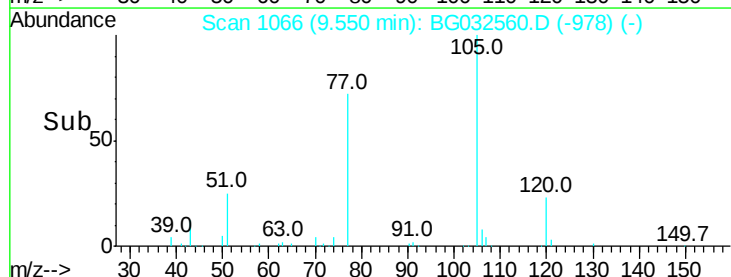
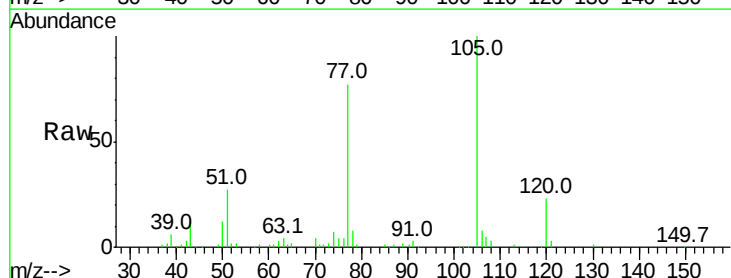
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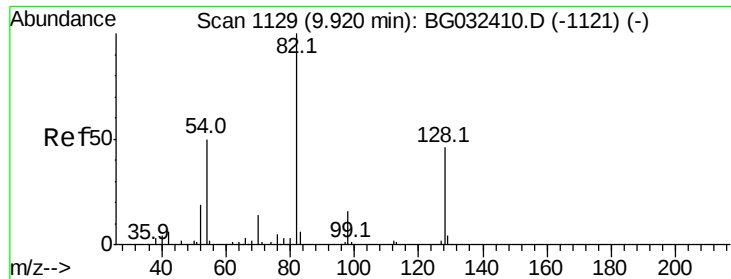
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#22
Acetophenone
Concen: 34.730 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	3.0	4.4#	
51	27.1	26.1	39.1	
120	23.3	17.4	26.2	





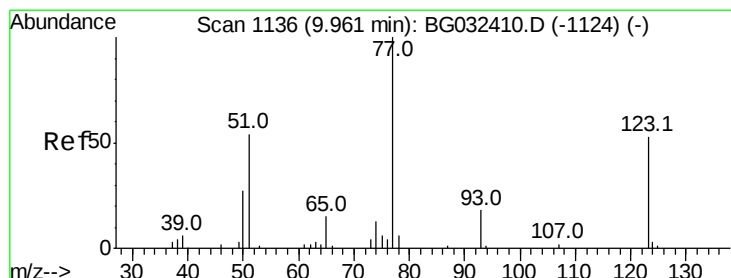
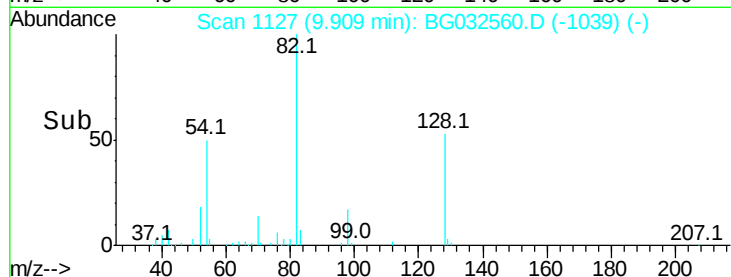
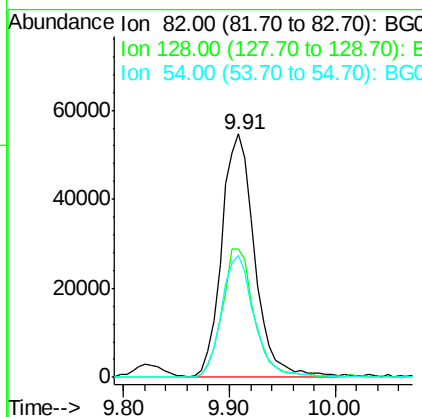
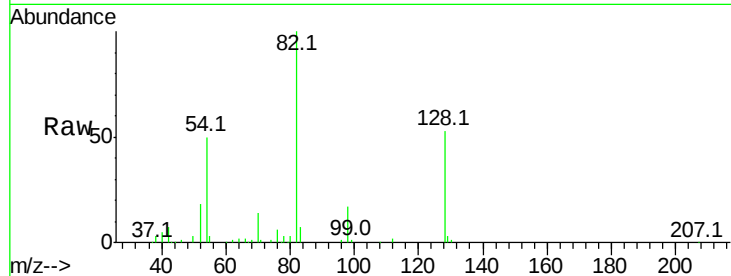
#23
Nitrobenzene-d5
Concen: 70.527 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.8	29.7	44.5#	
54	49.9	43.1	64.7	

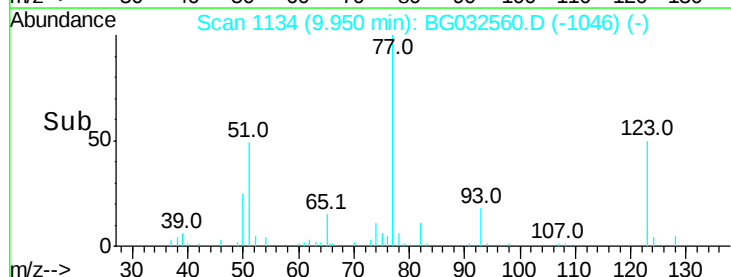
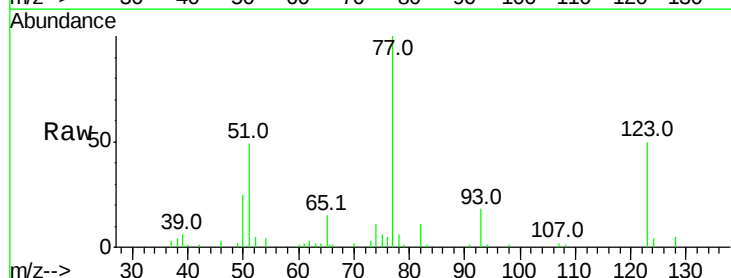
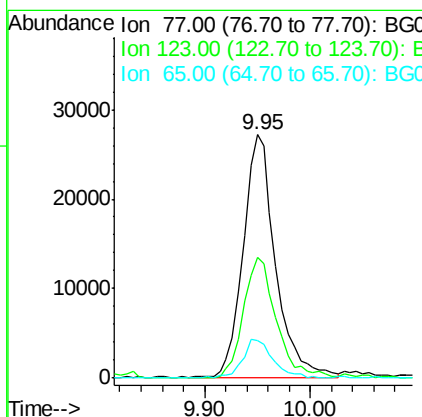
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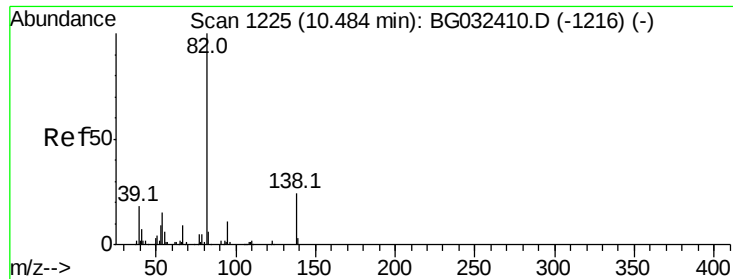
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#24
Nitrobenzene
Concen: 35.970 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	33.0	49.6#	
65	15.9	13.0	19.6	





#25

Isophorone

Concen: 38.259 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

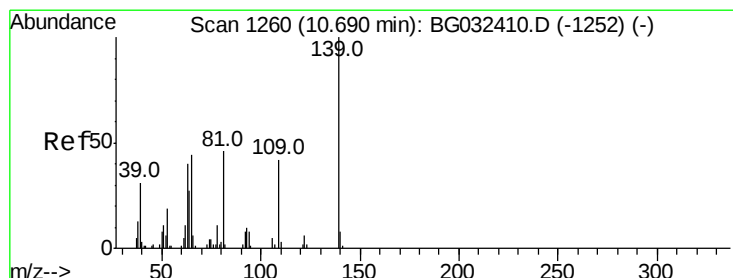
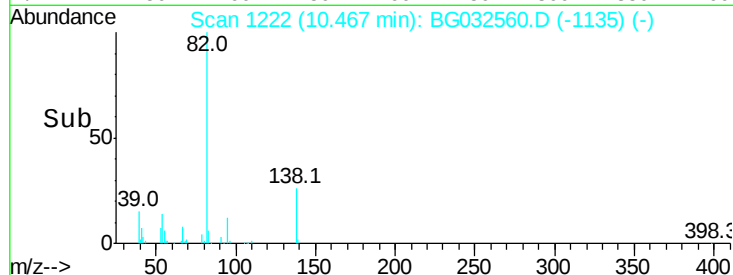
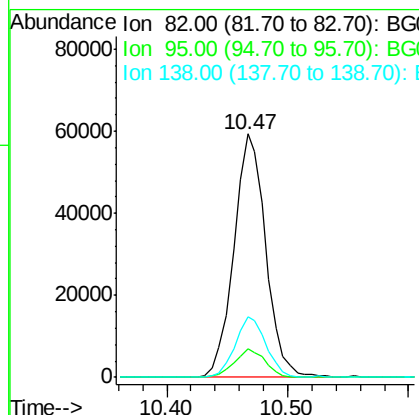
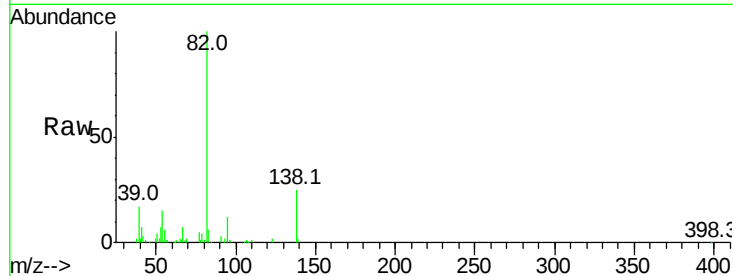
ClientSampleId :

PB106300BS

Tot Ion:	82	Resp:	109084
Ion Ratio	Lower	Upper	
82	100		
95	11.9	6.2	9.2#
138	24.7	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.799 ng

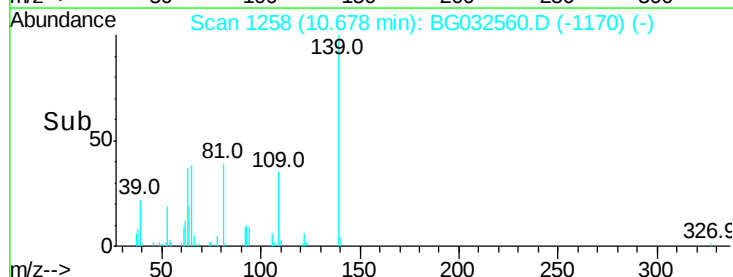
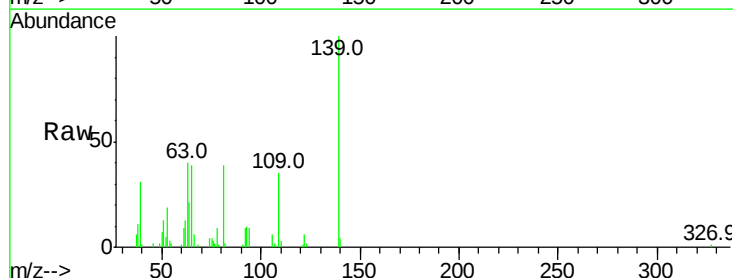
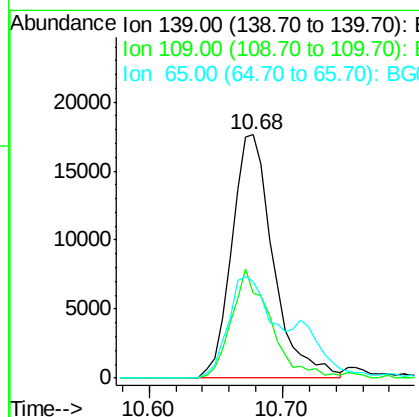
RT: 10.68 min Scan# 1258

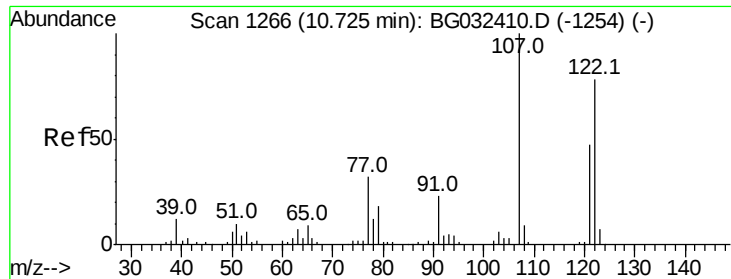
Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	139	Resp:	37977
Ion Ratio	Lower	Upper	
139	100		
109	35.0	24.2	36.2
65	39.4	47.4	71.0#





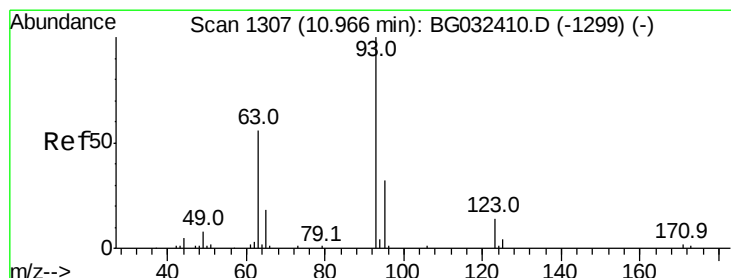
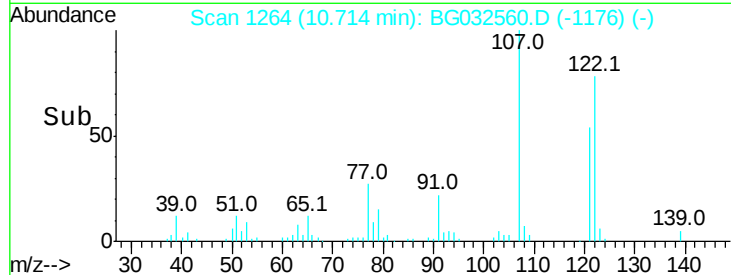
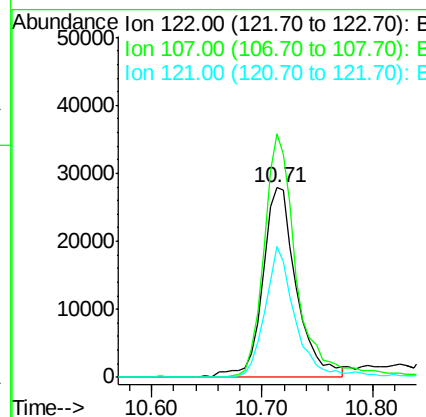
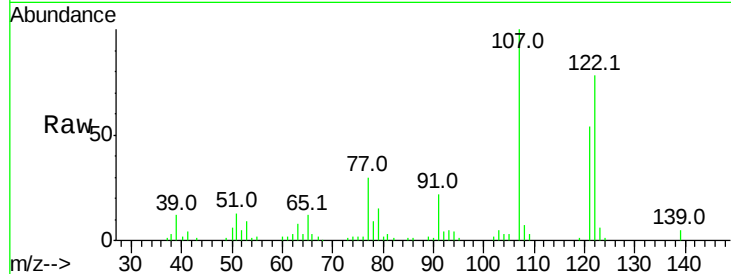
#27
 2,4-Dimethylphenol
 Concen: 42.525 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.5	100.2	150.2
121	69.2	44.4	66.6#

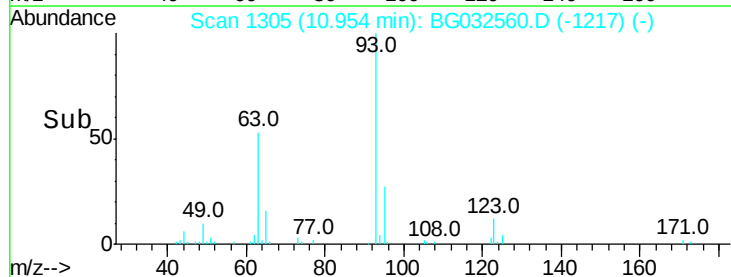
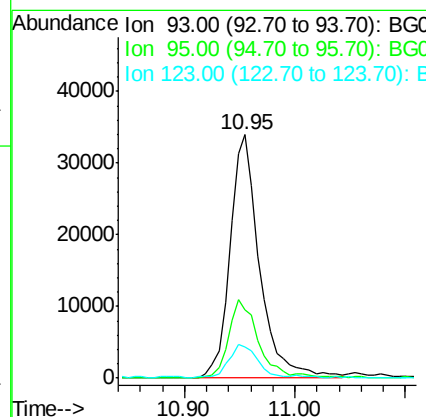
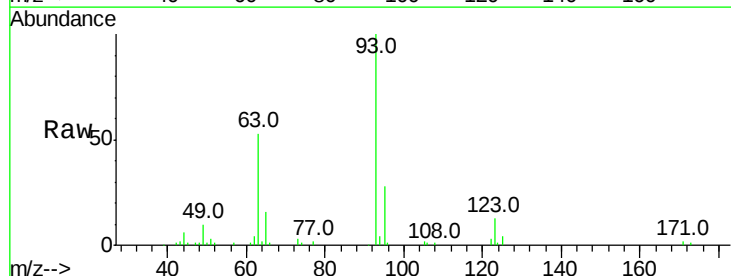
Manual Integrations
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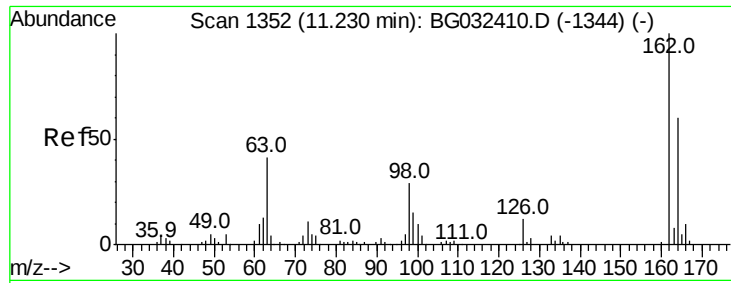
Sohil
 2/6/2018 2:40:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.735 ng
 RT: 10.95 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.0	24.3	36.5
123	12.8	8.4	12.6#





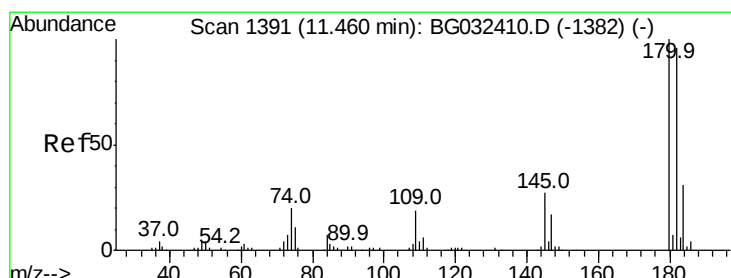
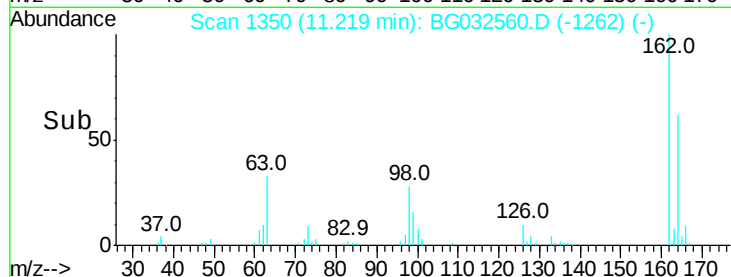
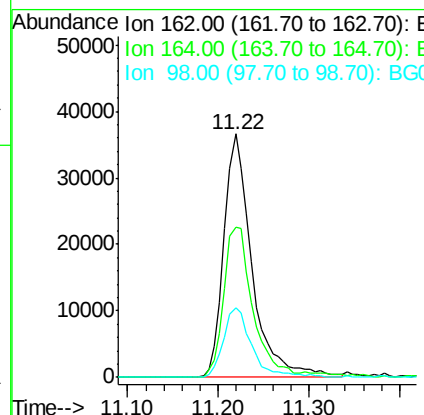
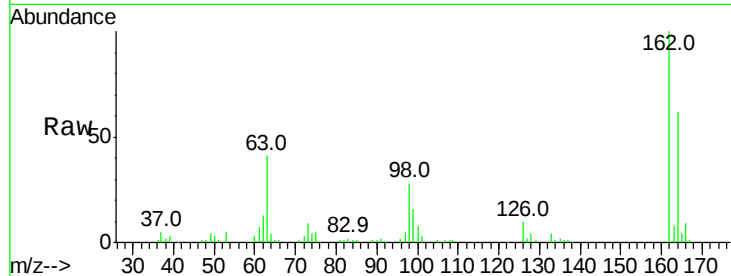
#29
 2,4-Dichlorophenol
 Concen: 42.374 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.7	48.0	88.0
98	28.4	21.1	61.1

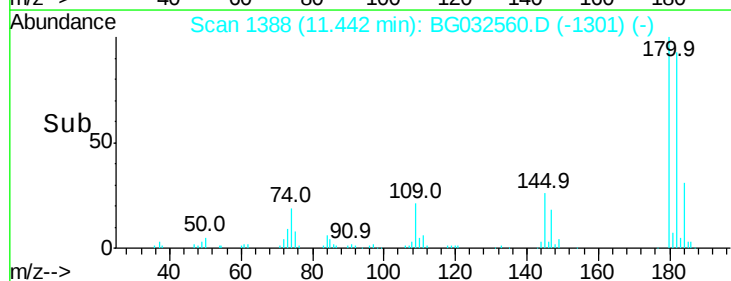
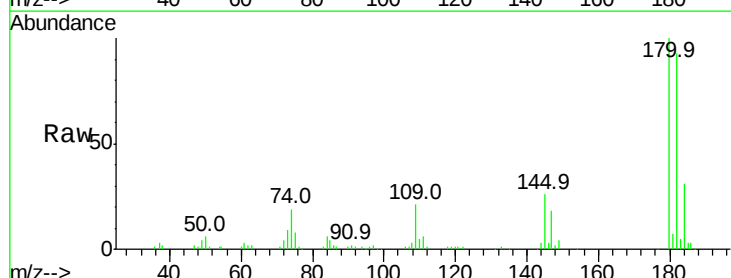
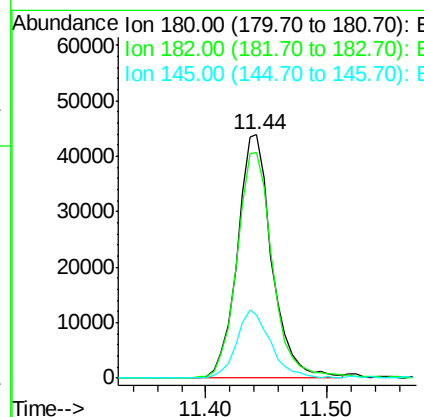
Manual Integrations
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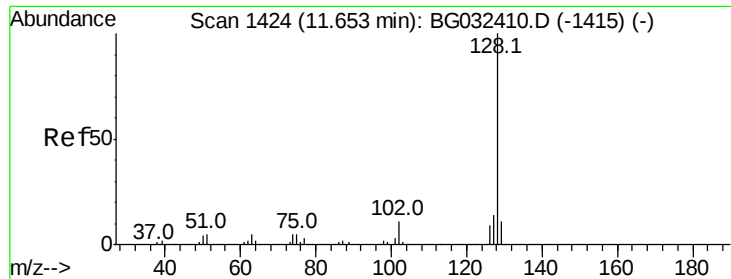
Sohil
 2/6/2018 2:40:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.105 ng
 RT: 11.44 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.7	77.5	116.3
145	26.0	23.4	35.2





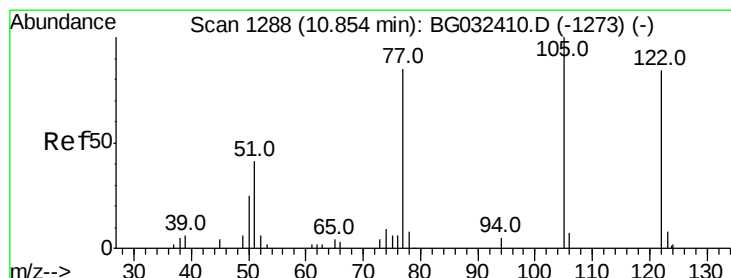
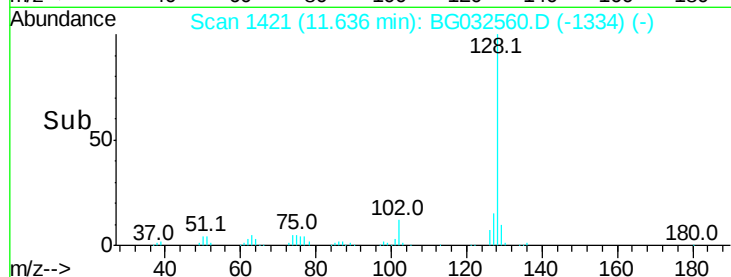
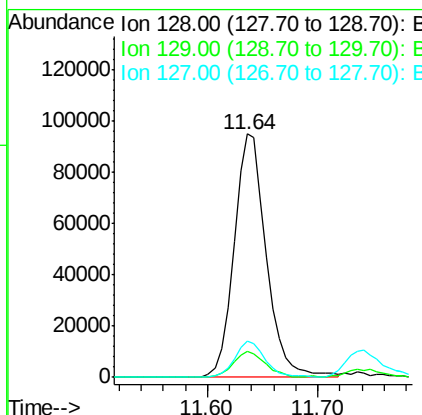
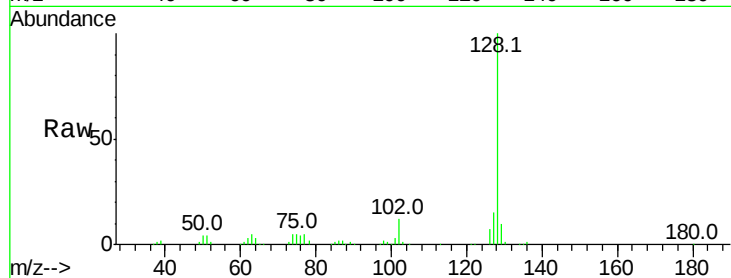
#31
Naphthalene
Concen: 37.923 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	14.7	11.6	17.4

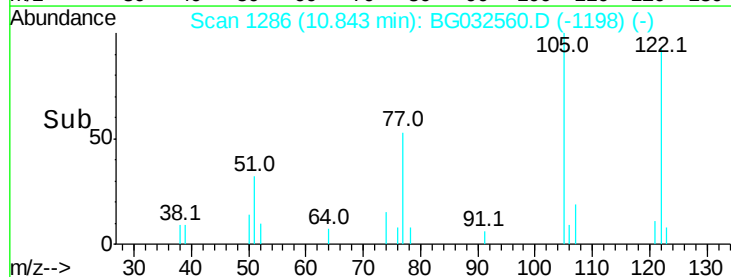
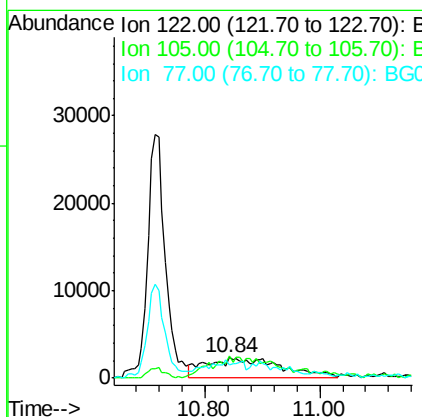
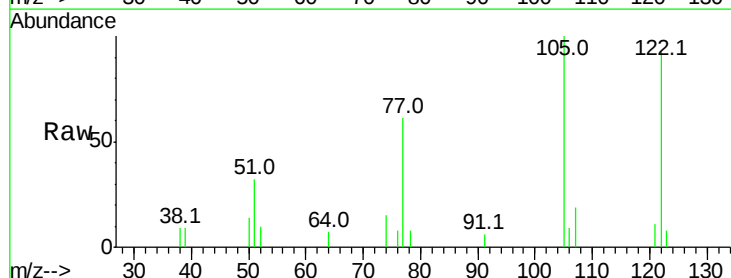
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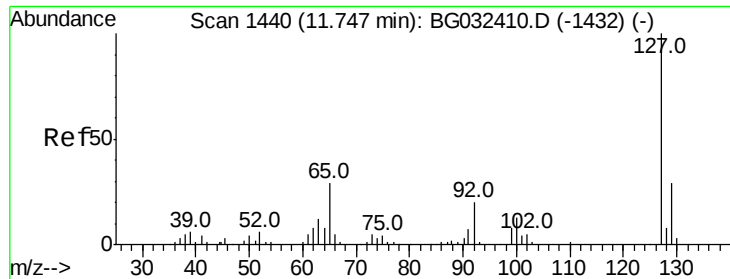
Sohil
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#32
Benzoic acid
Concen: 24.534 ng m
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.0	123.5	163.5#
77	65.6	85.7	125.7#





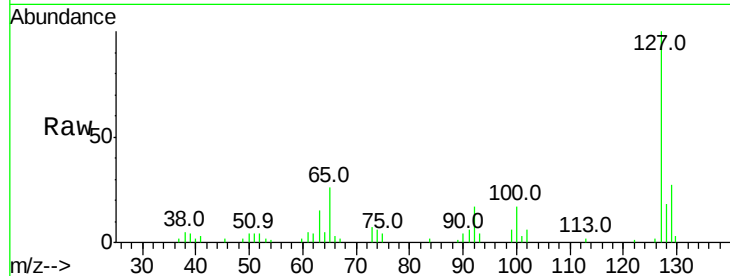
#33
 4-Chloroaniline
 Concen: 11.078 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

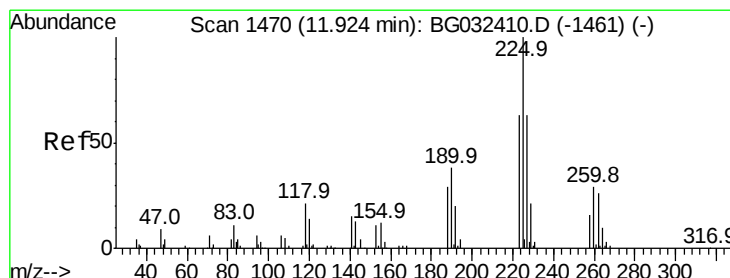
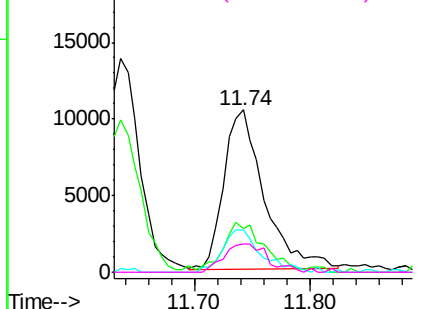
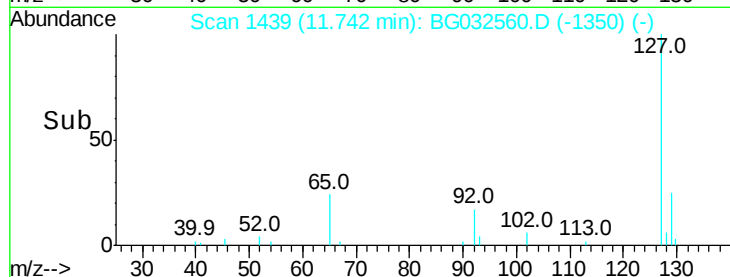
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	26.7	24.0	36.0		
65	26.2	27.0	40.4		
92	17.2	16.6	25.0		

Manual Integrations
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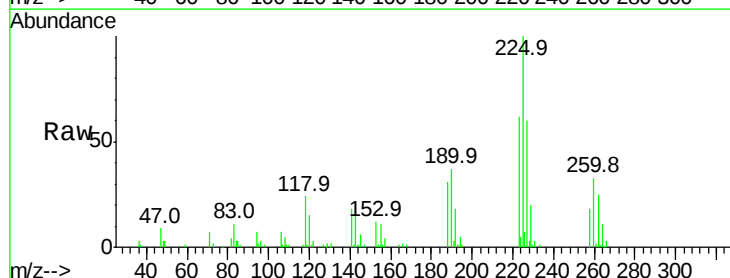


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

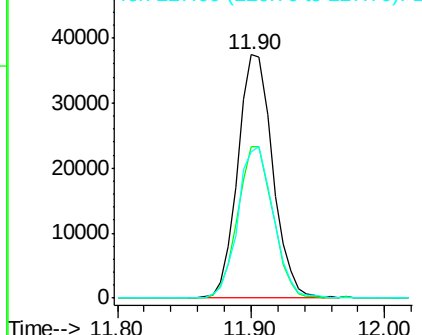
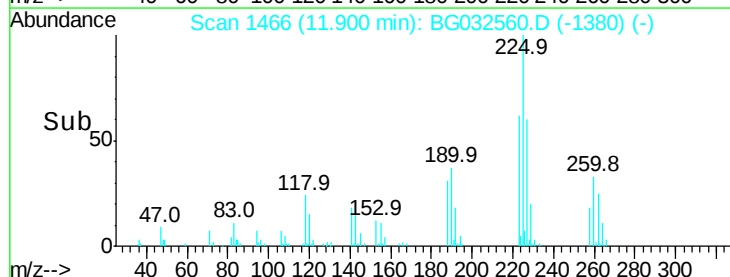


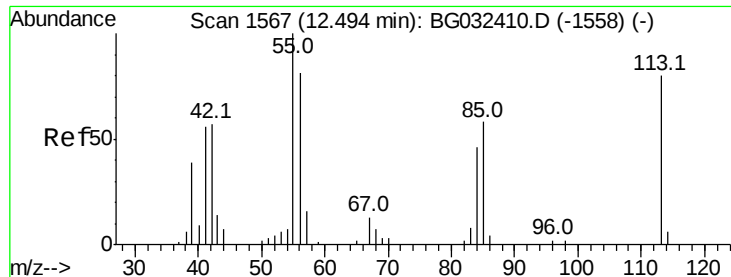
#34
 Hexachlorobutadiene
 Concen: 35.030 ng
 RT: 11.90 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.7	74.5		
227	60.4	48.1	72.1		



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





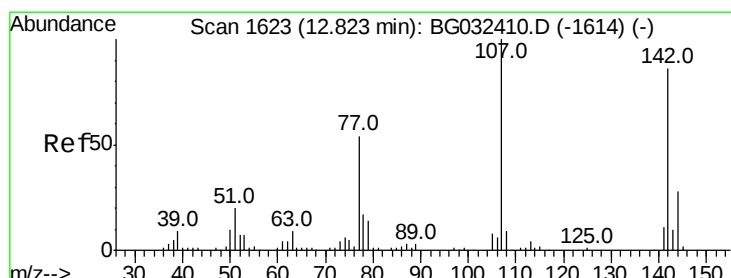
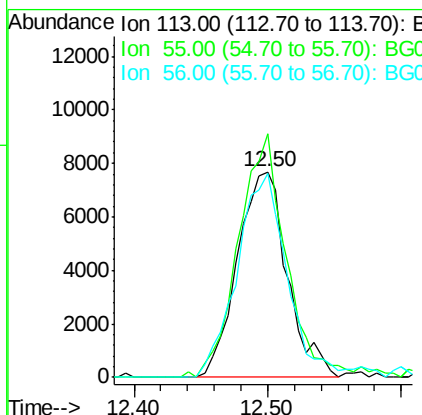
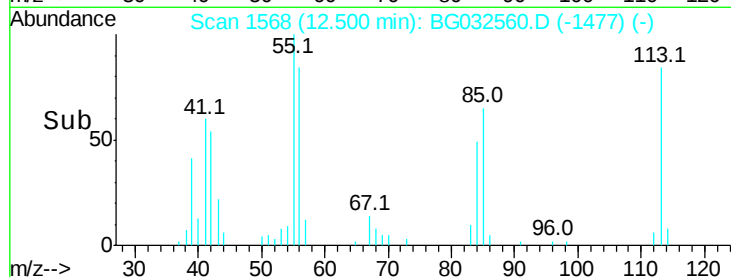
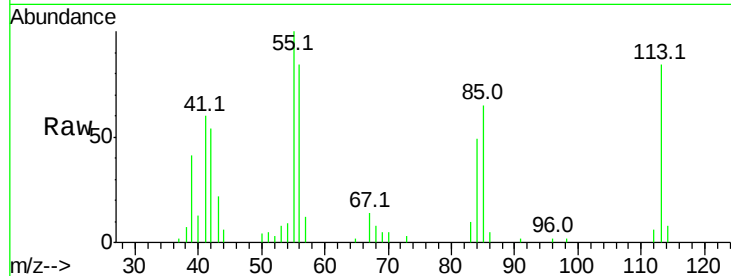
#35
 Caprolactam
 Concen: 37.045 ng
 RT: 12.50 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	118.5	186.9	226.9#
56	99.5	130.9	170.9#

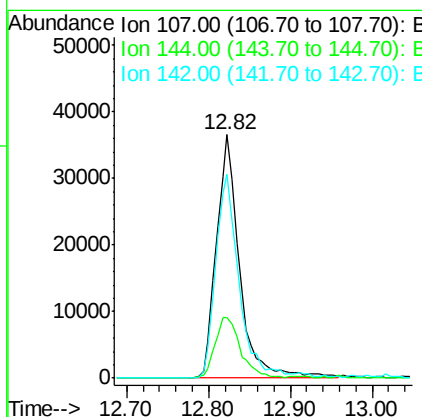
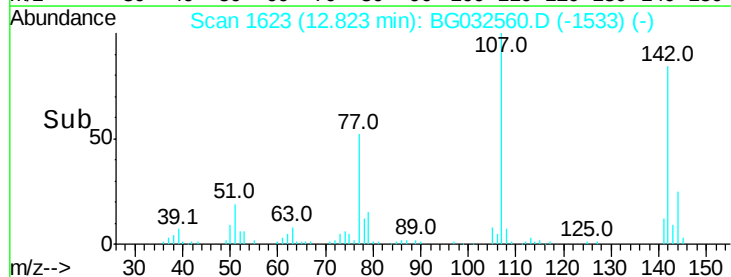
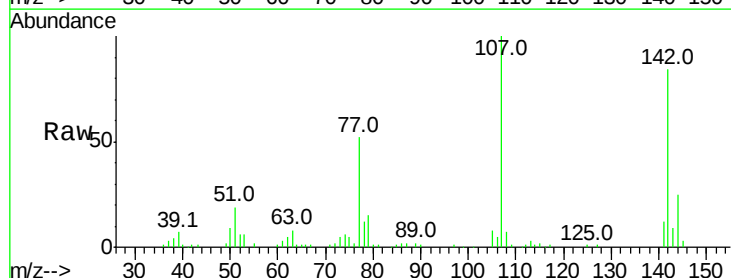
Manual Integrations
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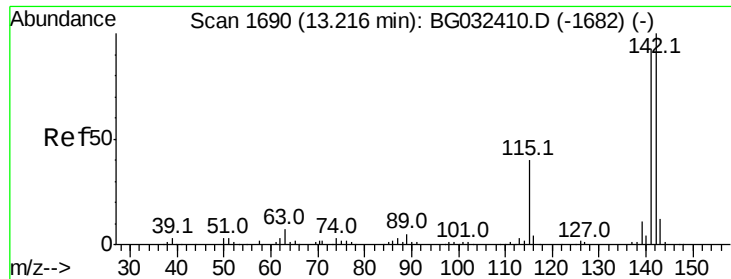
Sohil
 2/6/2018 2:40:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.852 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	18.2	27.4
142	83.8	59.0	88.4





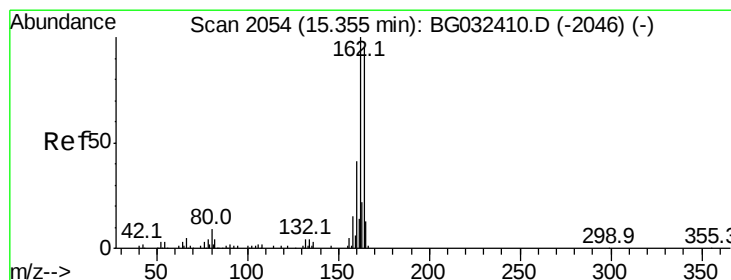
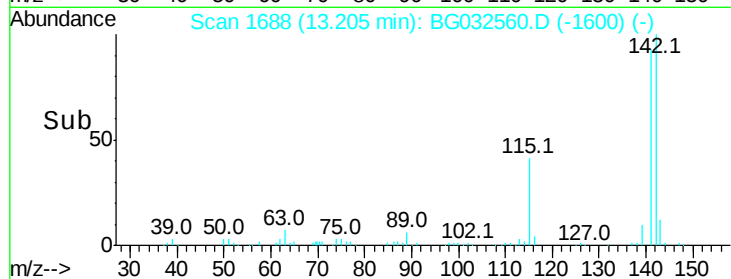
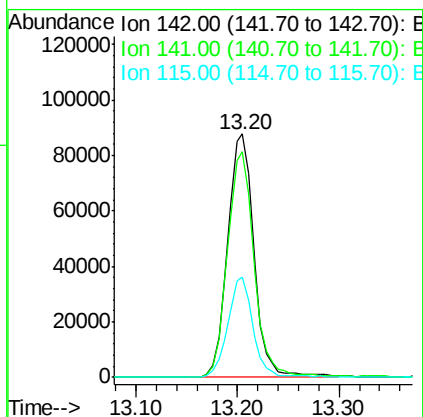
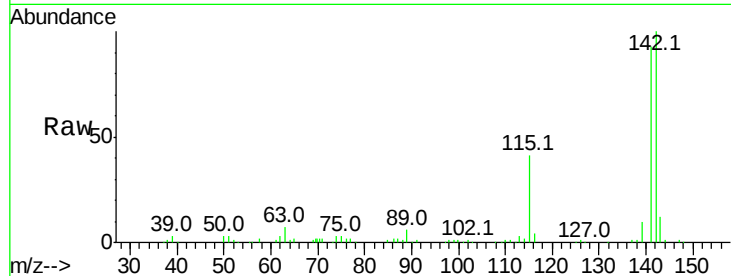
#37
2-Methylnaphthalene
Concen: 36.817 ng
RT: 13.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	67.1	100.7
115	41.3	30.7	46.1

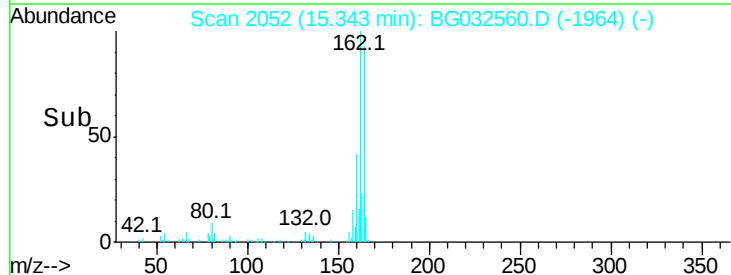
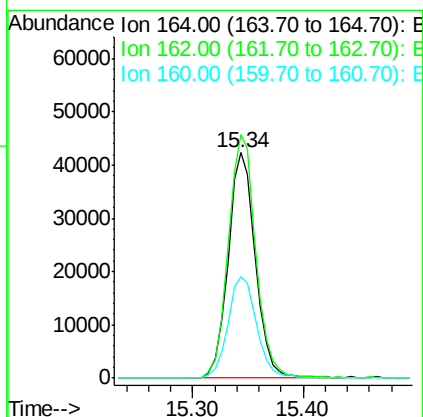
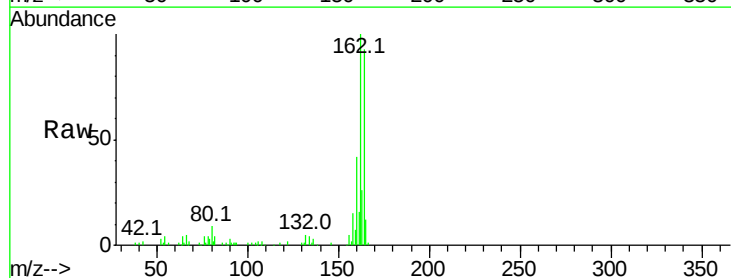
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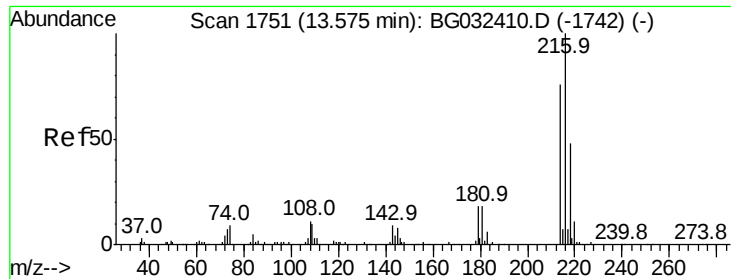
Sohil
2/6/2018 2:40:24 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	78.8	118.2
160	44.9	35.4	53.0





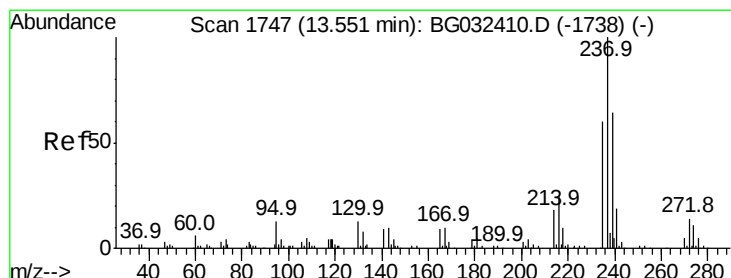
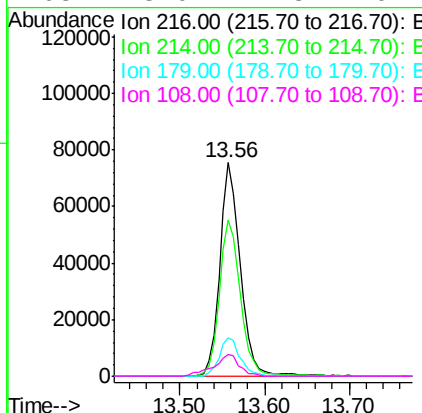
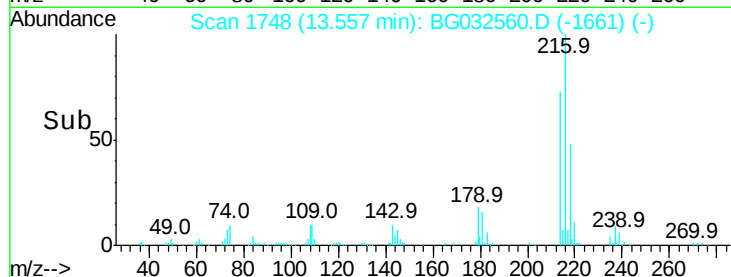
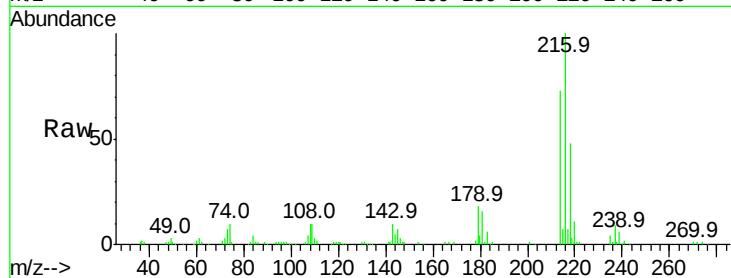
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.228 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	127389		
214	75.4	63.0	94.4	
179	18.6	17.0	25.6	
108	13.0	12.8	19.2	

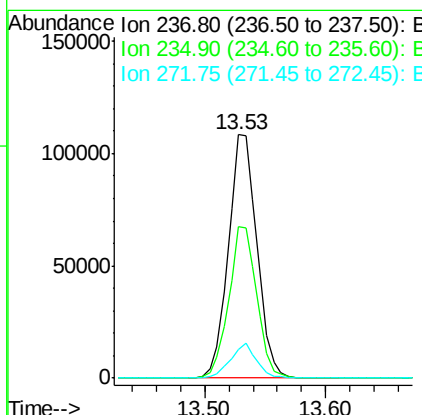
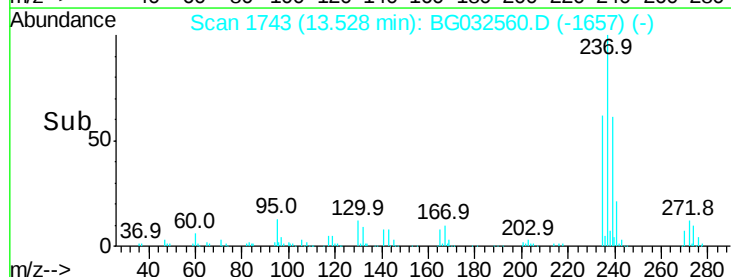
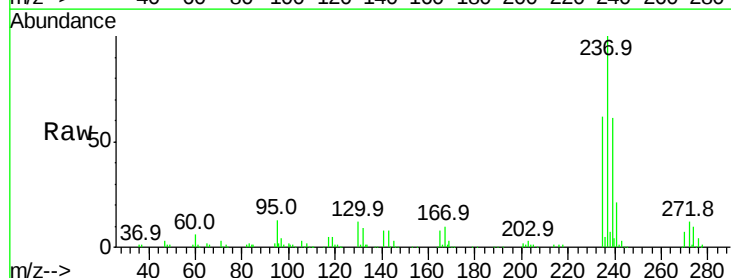
Manual Integrations
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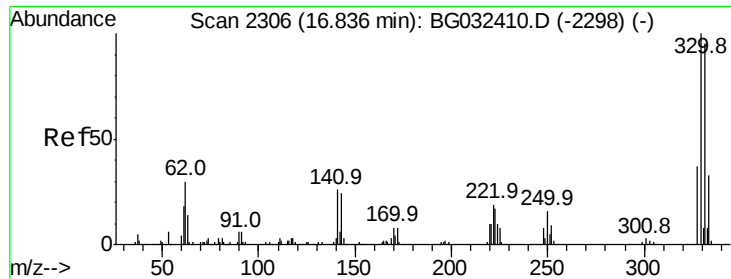
Sohil
2/6/2018 2:40:24 PM



#40
Hexachlorocyclopentadiene
Concen: 83.332 ng
RT: 13.53 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	178165		
235	62.0	50.4	90.4	
272	11.8	0.0	31.8	





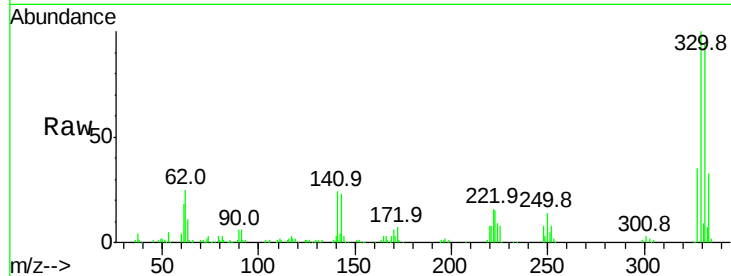
#41
 2,4,6-Tribromophenol
 Concen: 120.852 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampled :
 PB106300BS

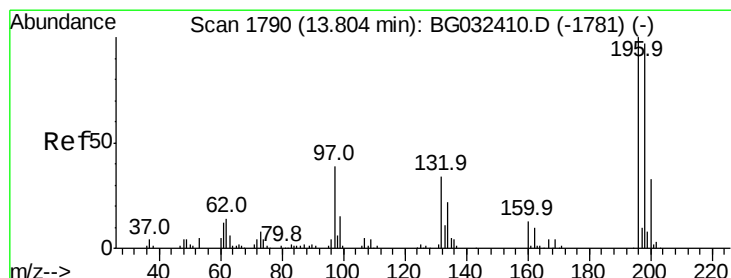
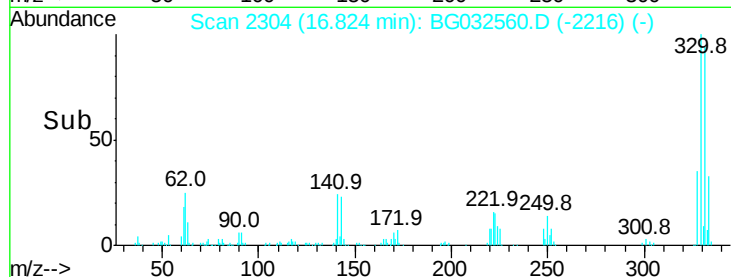
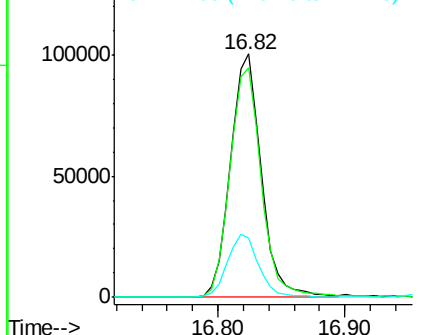
Tot Ion	Ratio	Resp	Lower	Upper
330	100	168262		
332	96.3	77.0	115.6	
141	26.3	25.2	37.8	

Manual Integrations
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 2/6/2018 2:40:24 PM

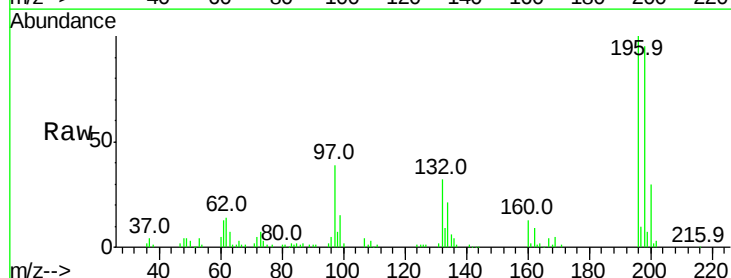


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

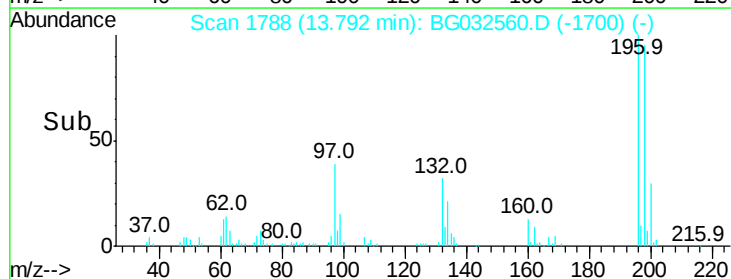
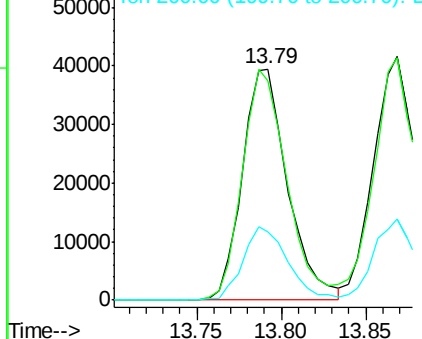


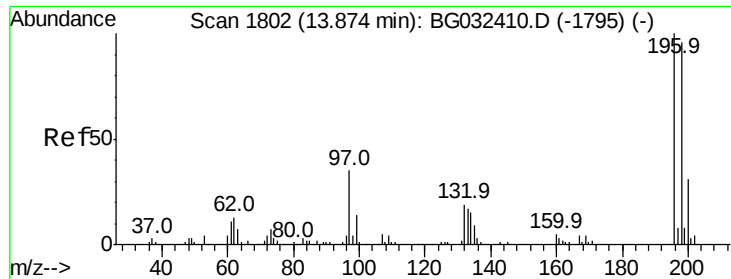
#42
 2,4,6-Trichlorophenol
 Concen: 39.489 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73501		
198	95.0	78.2	117.2	
200	29.8	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





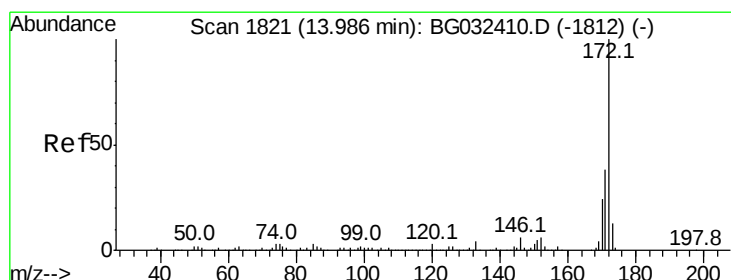
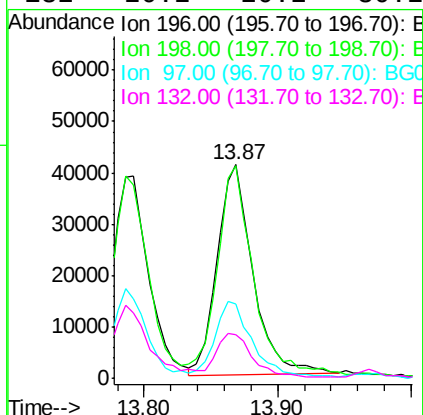
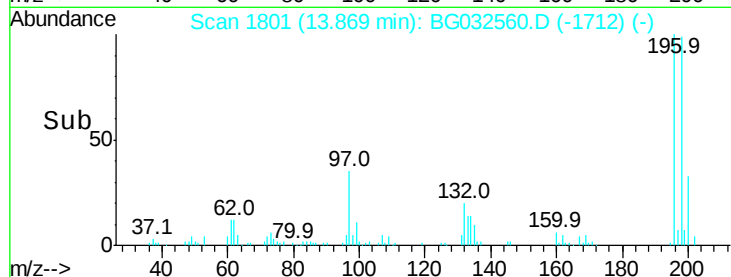
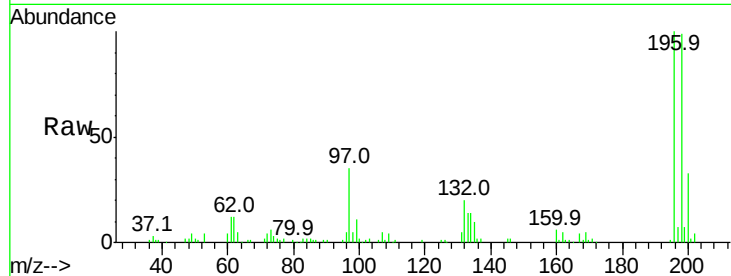
#43
2,4,5-Trichlorophenol
Concen: 35.798 ng
RT: 13.87 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	196	Resp	77674
Ion Ratio	Lower	Upper	
196	100		
198	99.4	76.2	114.4
97	34.8	38.7	58.1#
132	20.2	20.2	30.2

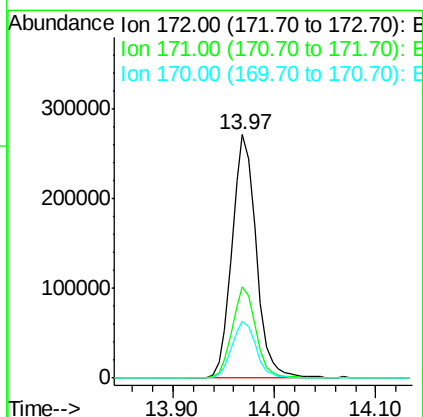
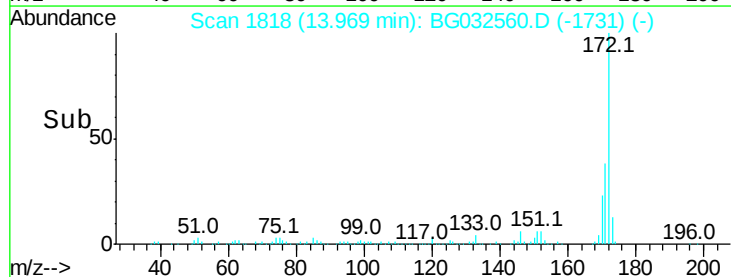
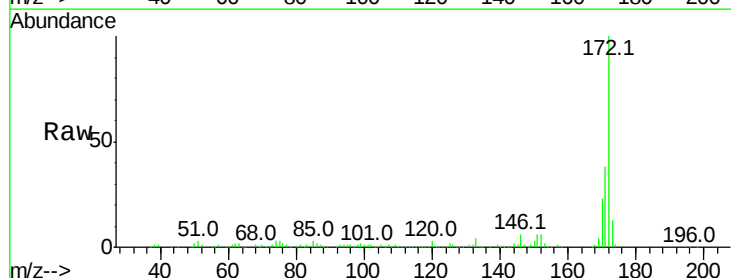
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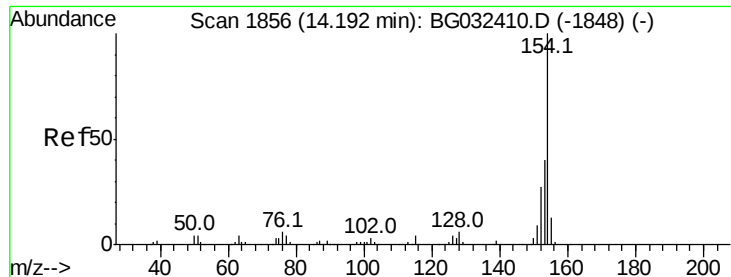
Sohil
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#44
2-Fluorobiphenyl
Concen: 72.947 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	172	Resp	448913
Ion Ratio	Lower	Upper	
172	100		
171	37.7	30.0	45.0
170	23.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 37.095 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

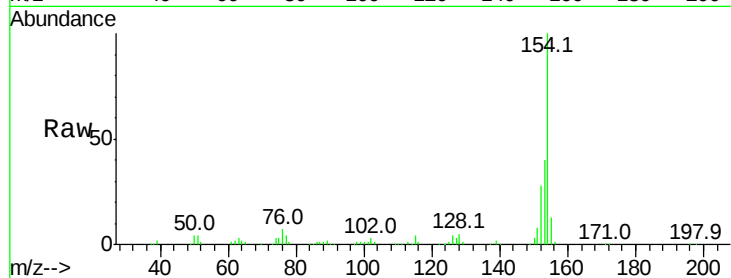
ClientSampleId :

PB106300BS

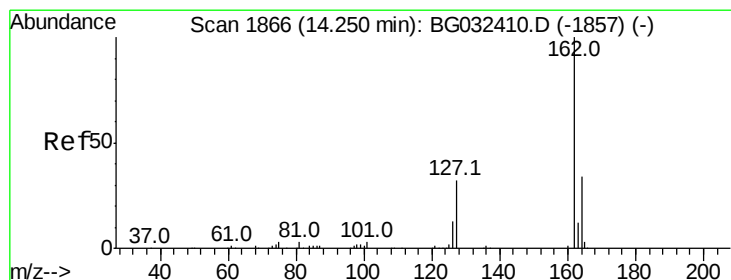
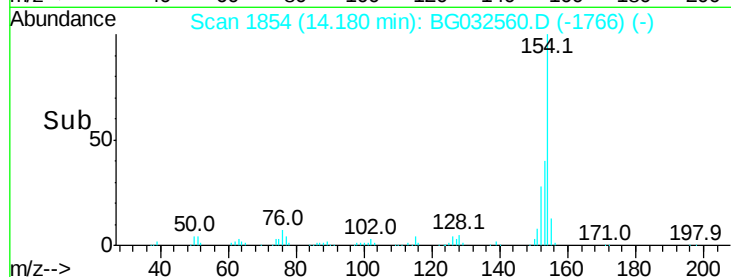
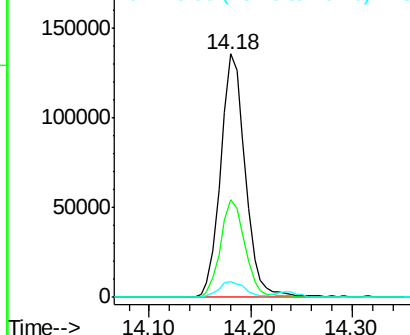
Tot Ion:	154	Resp:	229229
Ion Ratio	Lower	Upper	
154	100		
153	40.4	19.8	59.8
76	6.7	0.0	31.9

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



#46

2-Chloronaphthalene

Concen: 36.321 ng

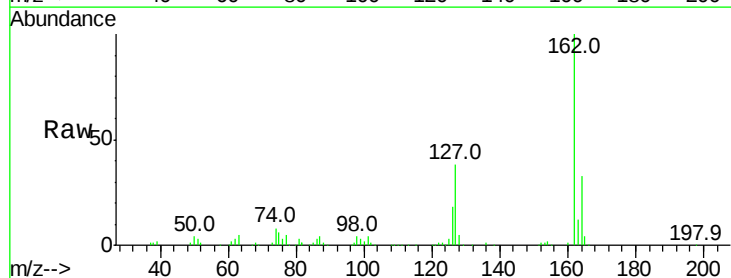
RT: 14.23 min Scan# 1863

Delta R.T. -0.02 min

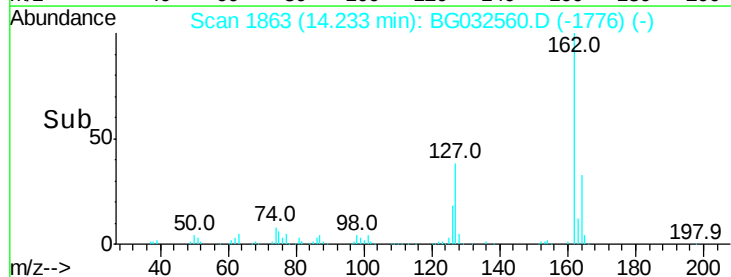
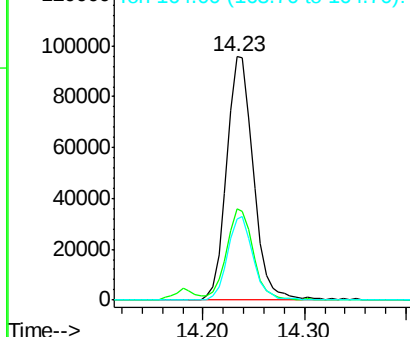
Lab File: BG032560.D

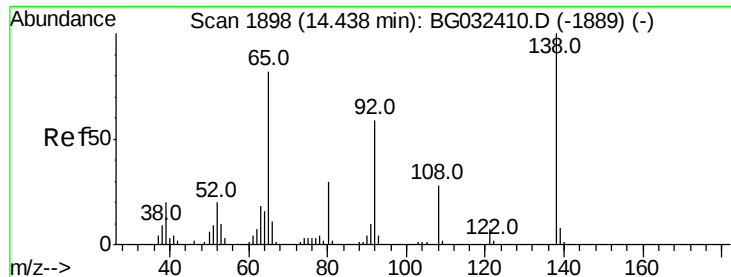
Acq: 6 Feb 2018 7:32

Tgt Ion:	162	Resp:	175920
Ion Ratio	Lower	Upper	
162	100		
127	37.6	30.7	46.1
164	33.3	26.0	39.0



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





#47

2-Nitroaniline

Concen: 36.550 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

Tot Ion: 65 Resp: 39148

Ion Ratio Lower Upper

65 100

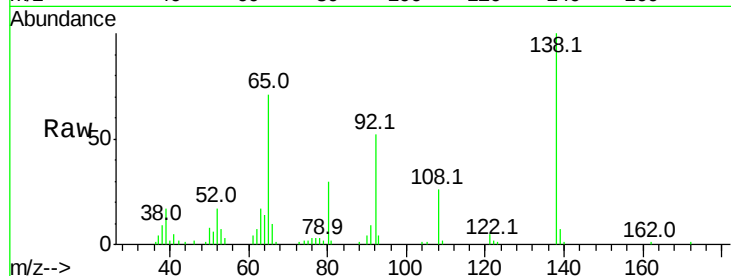
92 72.8 54.6 82.0

138 141.1 72.9 109.3#

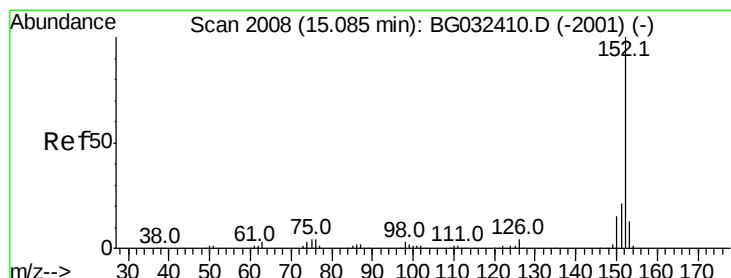
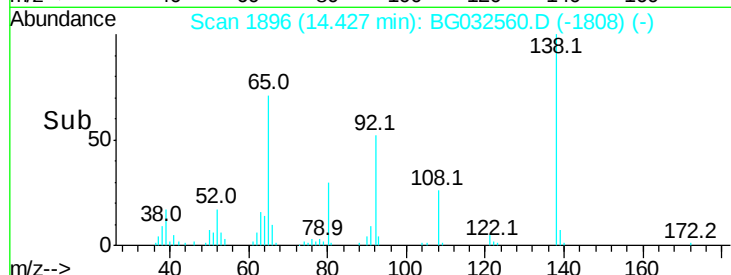
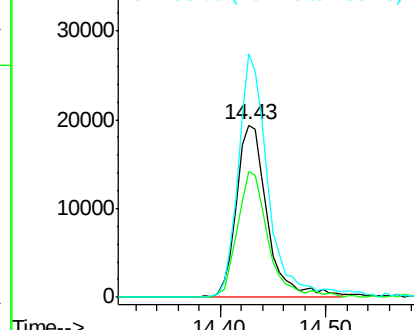
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Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 36.564 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

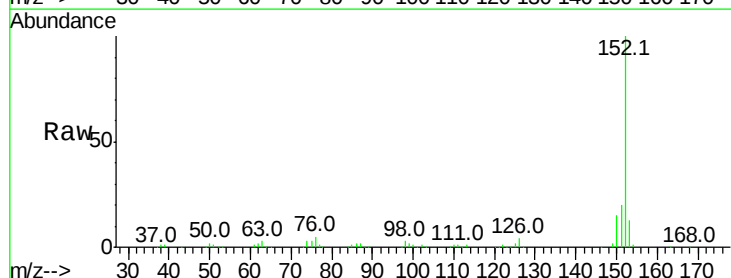
Tgt Ion:152 Resp: 267724

Ion Ratio Lower Upper

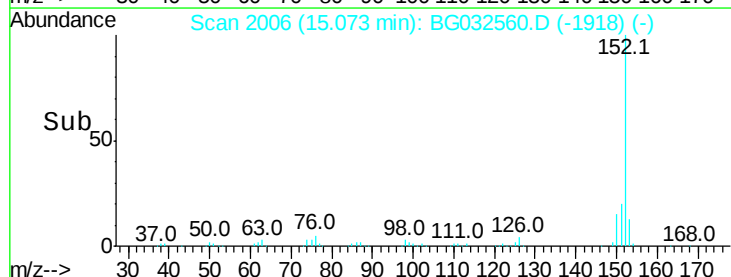
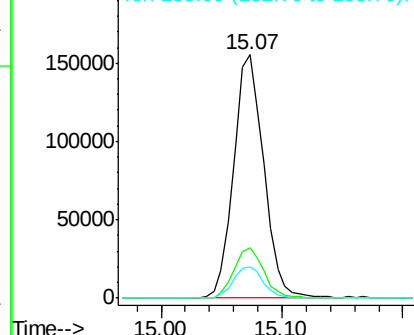
152 100

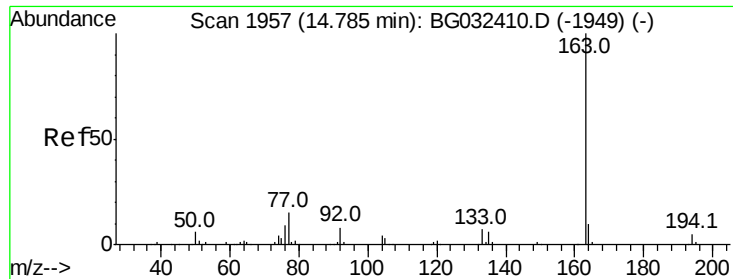
151 20.5 17.2 25.8

153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





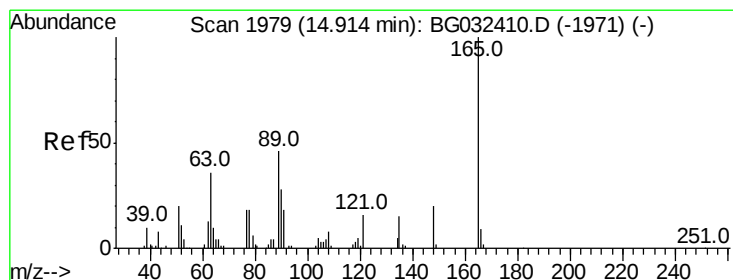
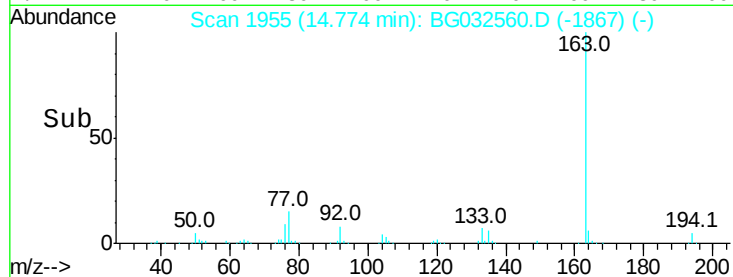
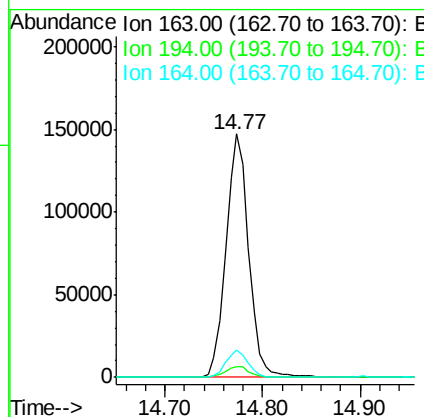
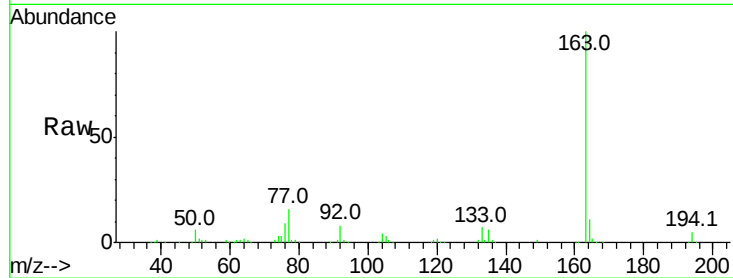
#49
Dimethylphthalate
Concen: 34.994 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.4	5.2
164	11.2	8.2	12.4

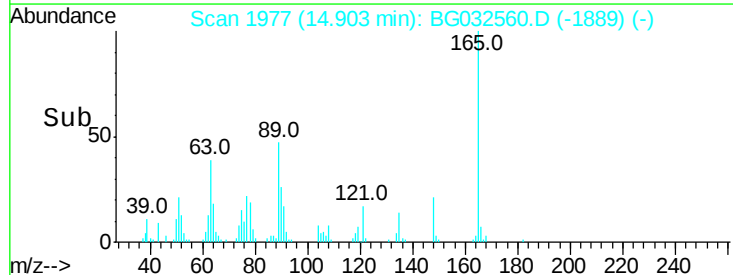
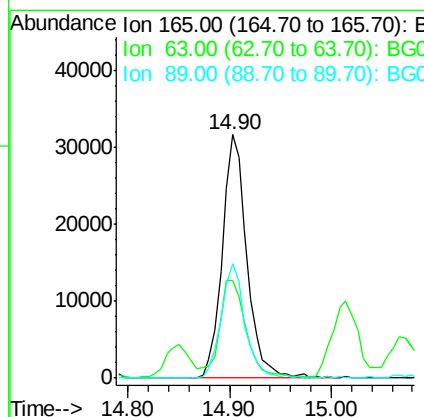
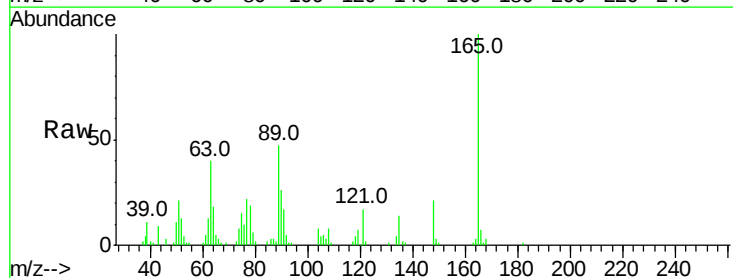
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#50
2,6-Dinitrotoluene
Concen: 37.521 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	40.1	52.7	79.1#
89	47.2	49.2	73.8#





#51

Acenaphthene

Concen: 34.297 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

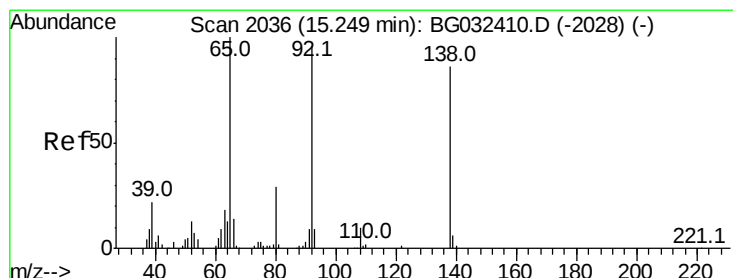
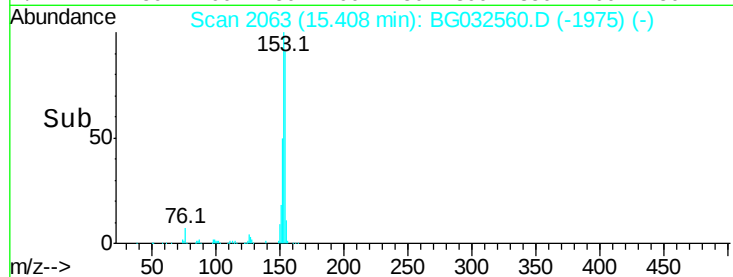
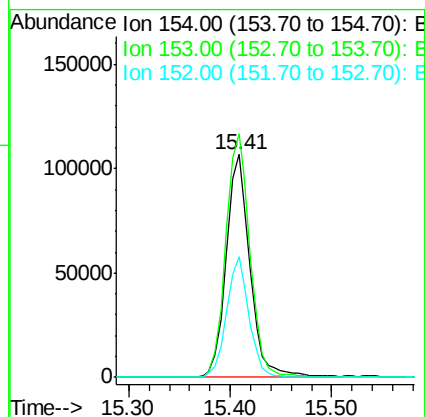
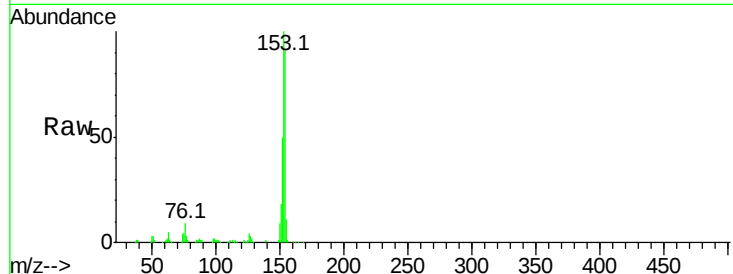
ClientSampleId :

PB106300BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.3	90.4	135.6
152	54.1	41.6	62.4

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#52

3-Nitroaniline

Concen: 17.020 ng

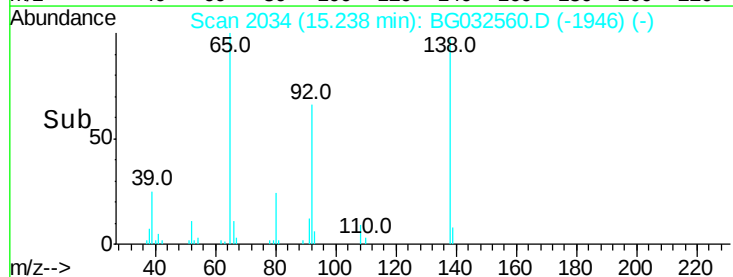
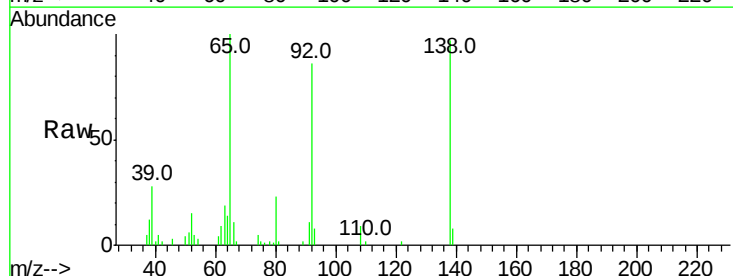
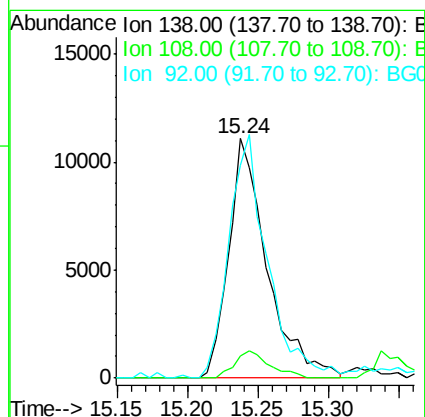
RT: 15.24 min Scan# 2034

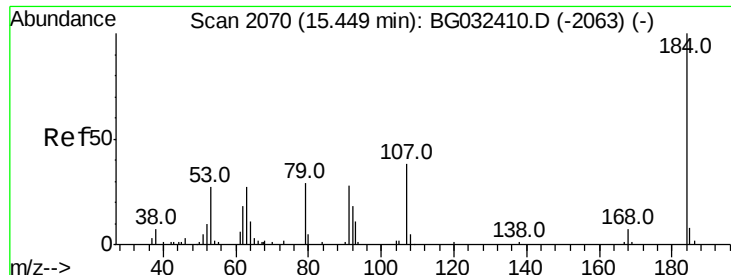
Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	17.5	26.3#
92	88.6	105.8	158.8#





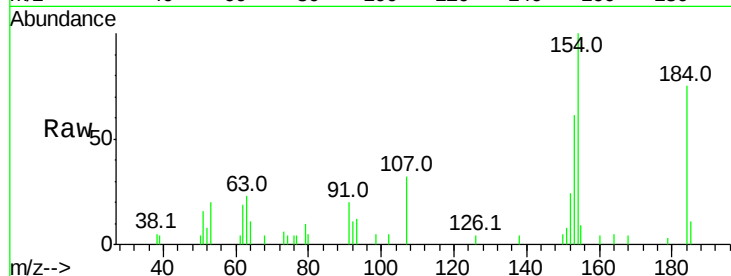
#53
 2,4-Dinitrophenol
 Concen: 12.620 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

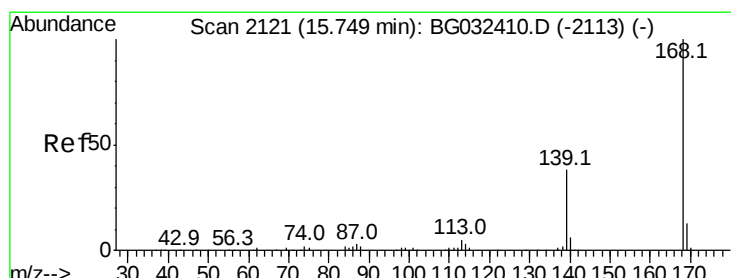
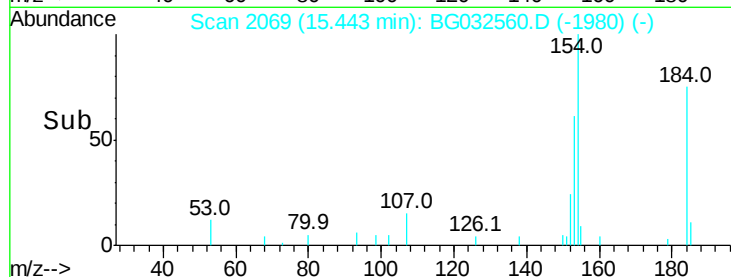
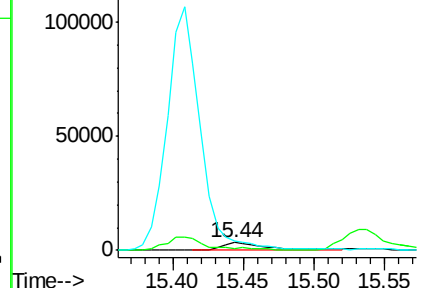
Tot Ion	Ratio	Resp	Lower	Upper
184	100	7931		
63	31.1	59.8	89.8	#
154	133.6	101.8	152.8	

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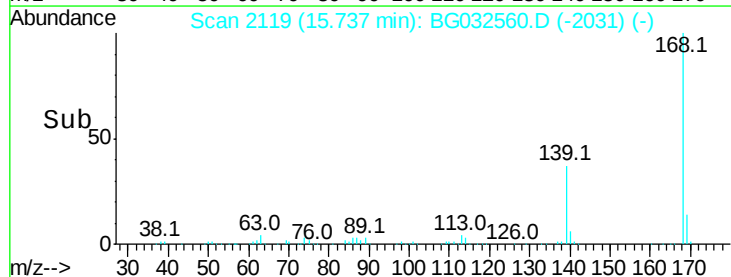
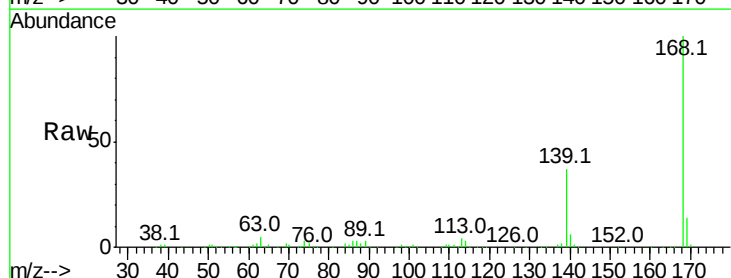
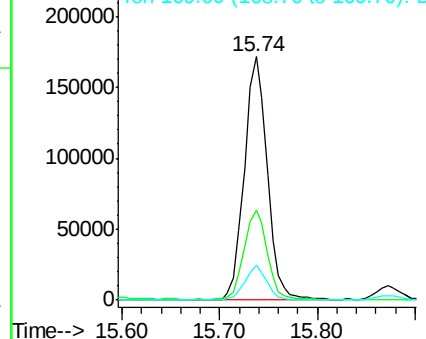
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

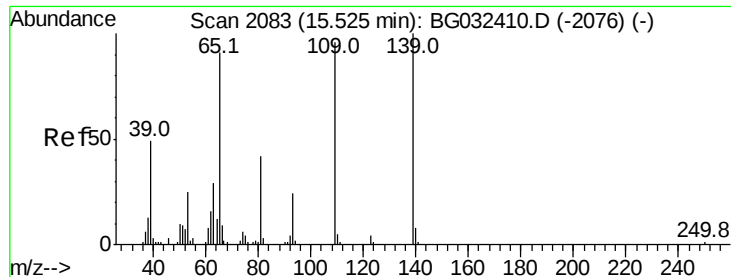


#54
 Dibenzofuran
 Concen: 37.534 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	282106		
139	37.2	28.6	43.0	
169	14.2	11.2	16.8	

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





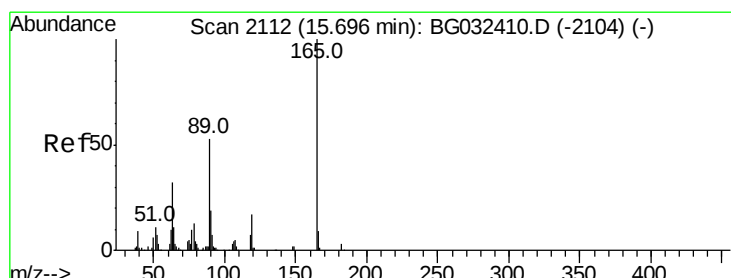
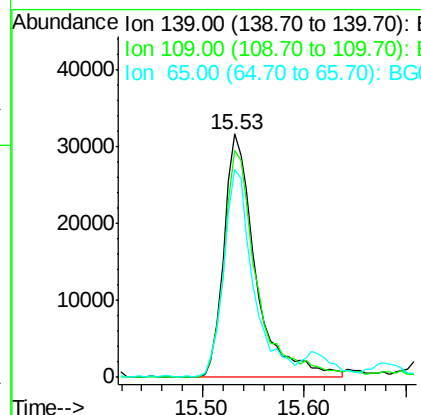
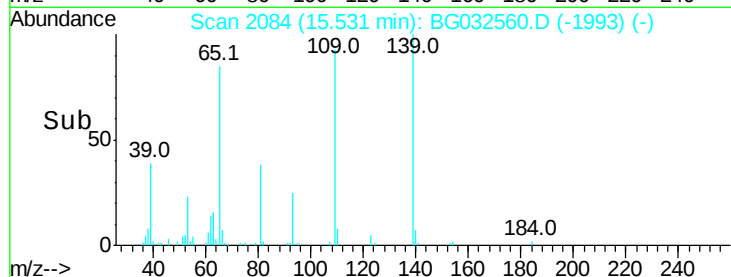
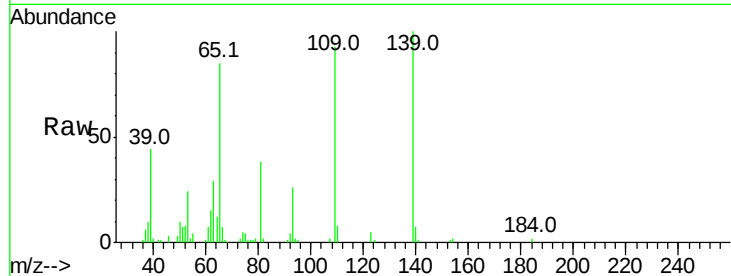
#55
4-Nitrophenol
Concen: 74.251 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	93.3	62.2	102.2	
65	85.4	97.2	137.2	

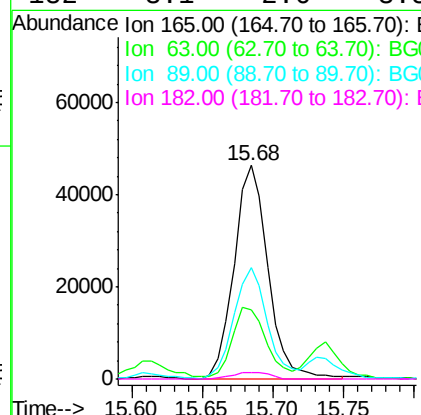
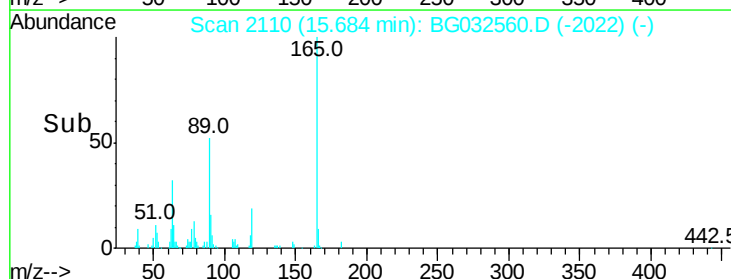
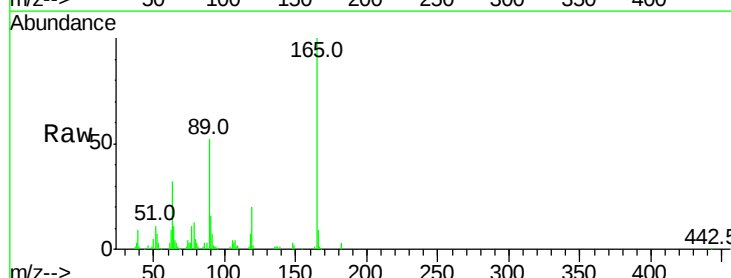
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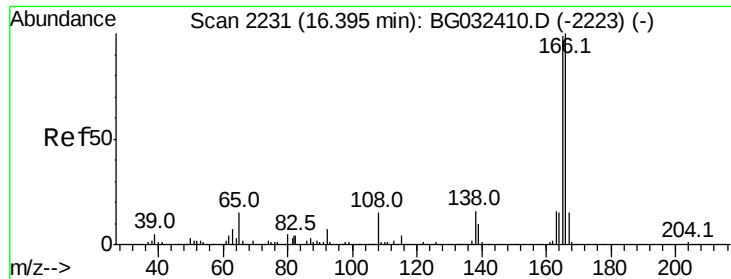
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#56
2,4-Dinitrotoluene
Concen: 38.633 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.3	42.0	63.0	
89	51.9	66.9	100.3	
182	3.1	2.6	3.8	





#57

Fluorene

Concen: 35.594 ng

RT: 16.38 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

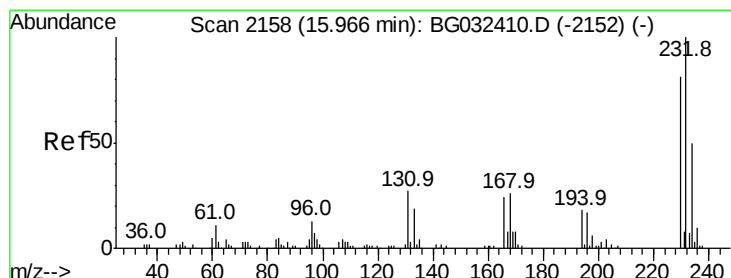
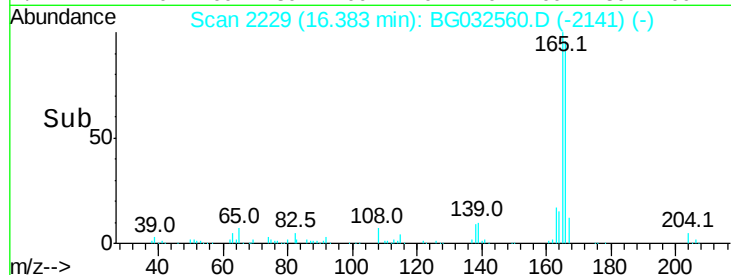
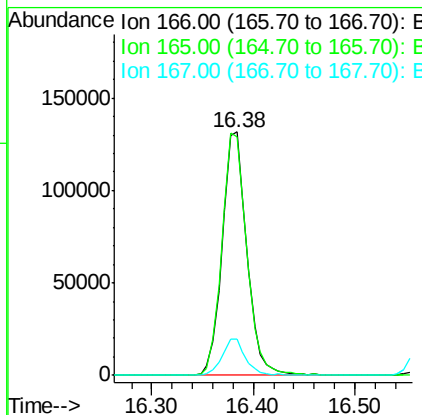
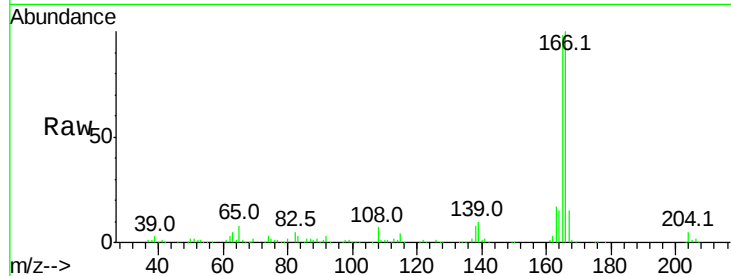
ClientSampleId :

PB106300BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	222308		
165	98.0		80.6	121.0
167	15.1		10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.114 ng

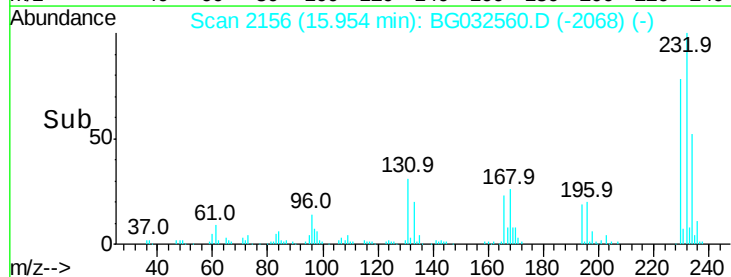
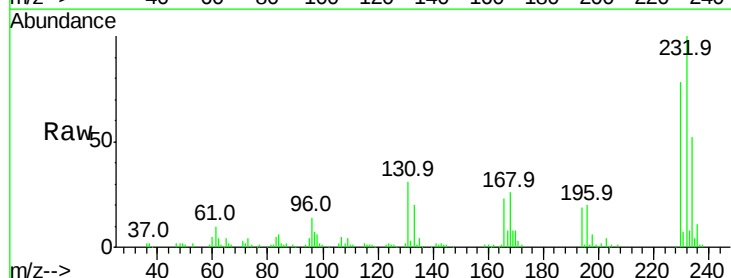
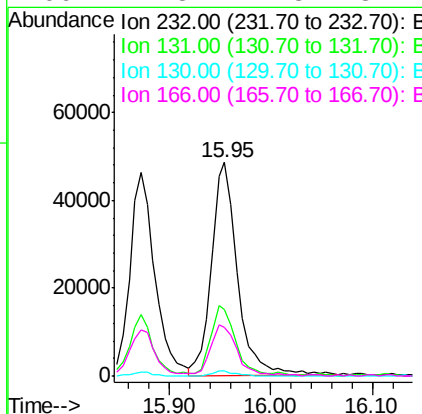
RT: 15.95 min Scan# 2156

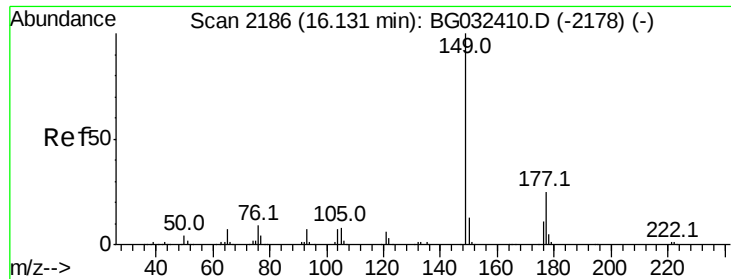
Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	85845		
131	31.6		33.5	50.3#
130	2.0		2.2	3.2#
166	24.8		24.8	37.2





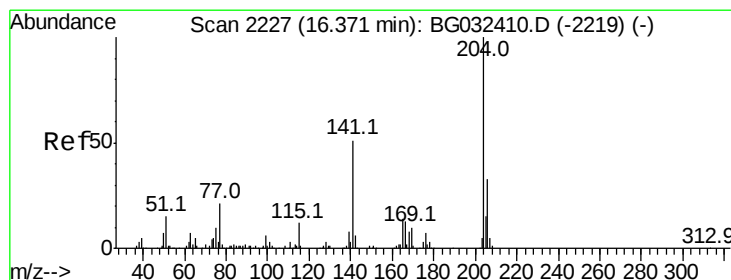
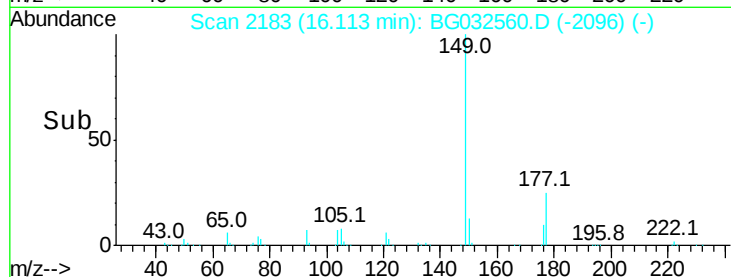
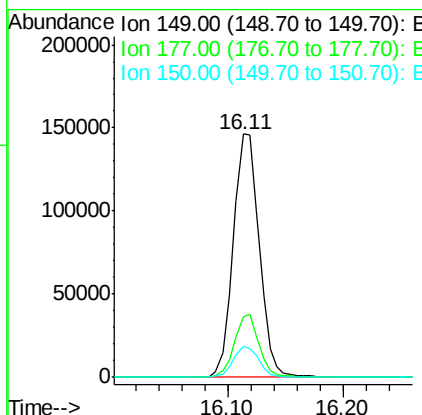
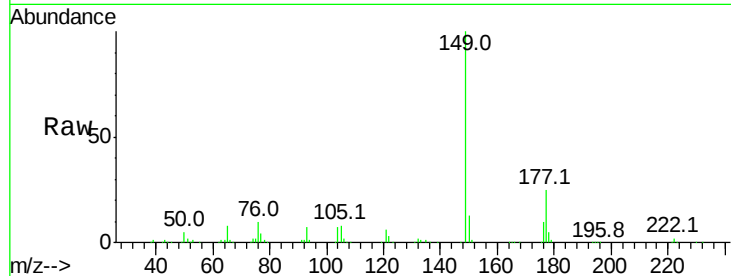
#59
Diethylphthalate
Concen: 34.727 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	228103		
177	24.9	18.5	27.7	
150	12.5	10.2	15.2	

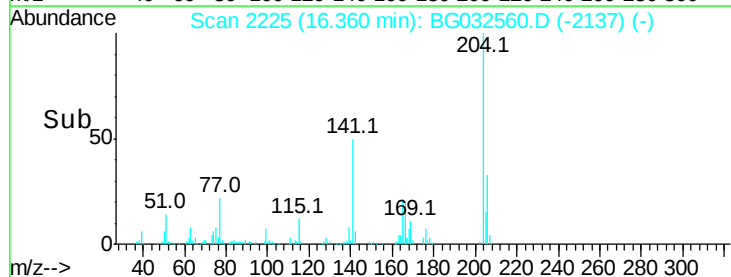
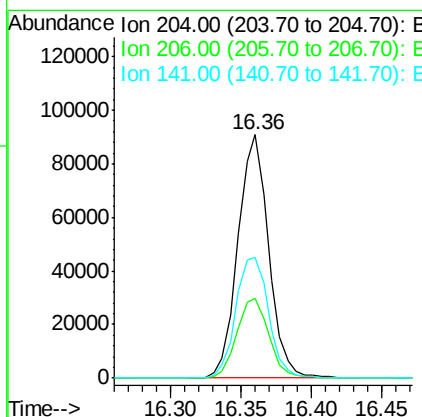
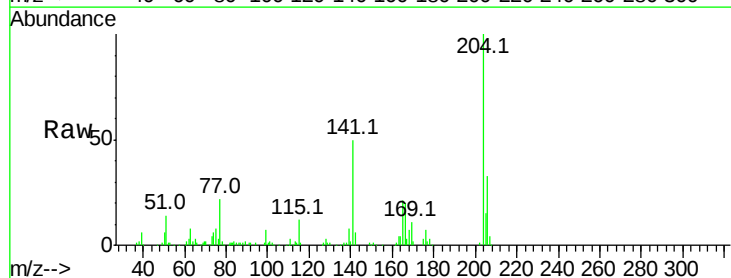
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 35.079 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	138154		
206	32.7	26.2	39.2	
141	49.7	45.8	68.6	





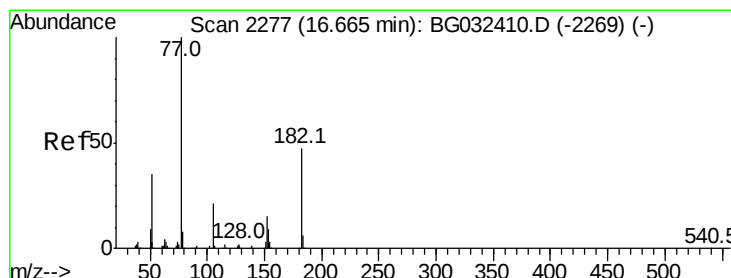
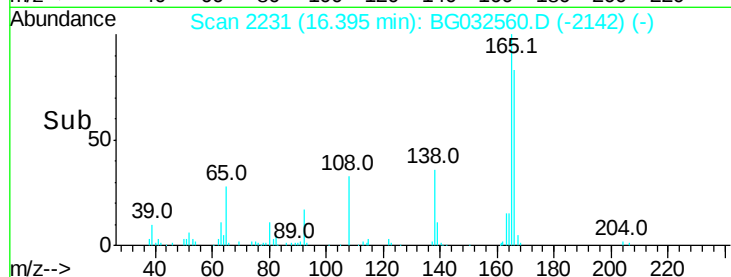
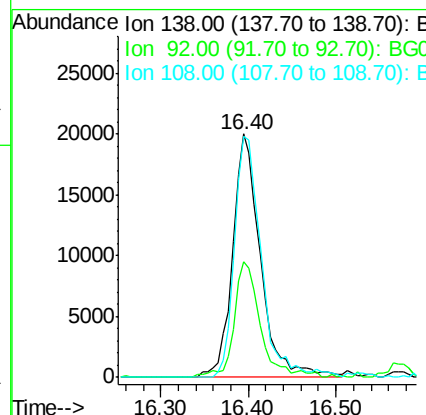
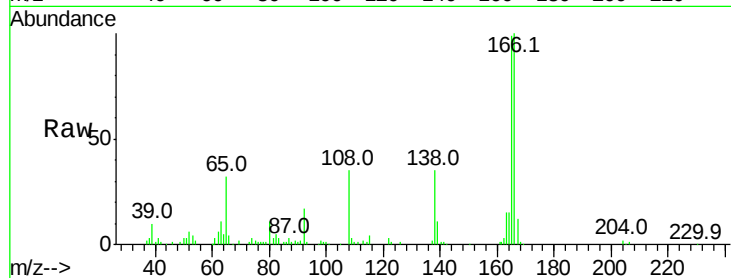
#61
4-Nitroaniline
Concen: 32.830 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	40.1	80.1
108	98.8	65.4	105.4

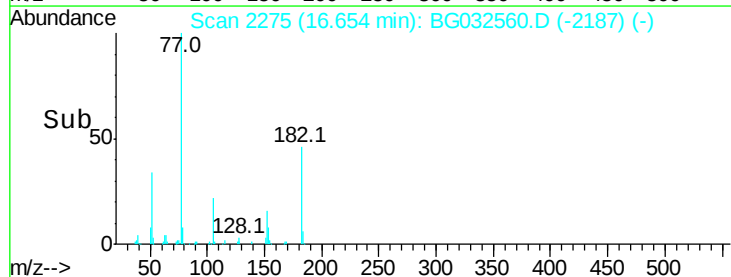
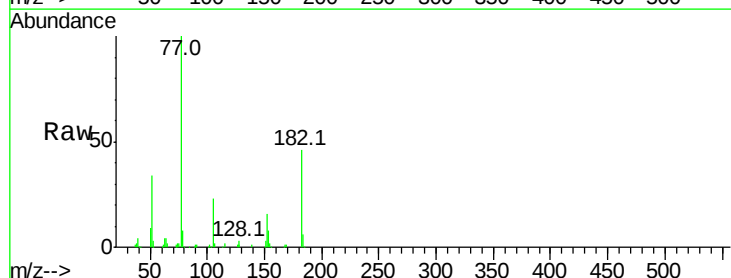
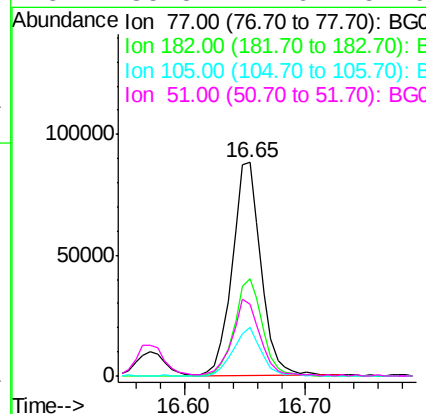
Manual Integrations
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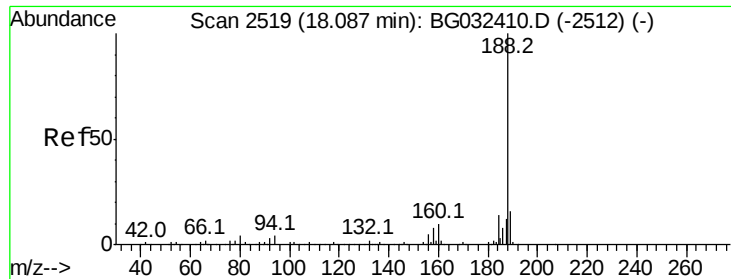
Sohil
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#62
Azobenzene
Concen: 37.191 ng
RT: 16.65 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.7	7.4	47.4
105	22.8	0.3	40.3
51	33.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

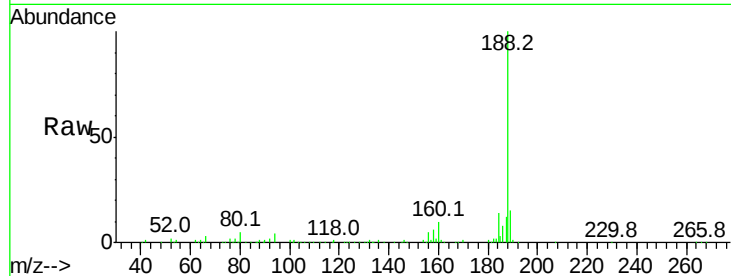
ClientSampleId :

PB106300BS

Tot Ion:	188	Resp:	192375
Ion Ratio	Lower	Upper	
188	100		
94	3.9	6.9	10.3#
80	4.6	7.7	11.5#

Manual Integrations
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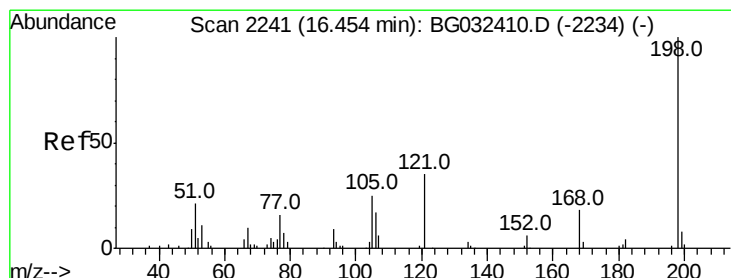
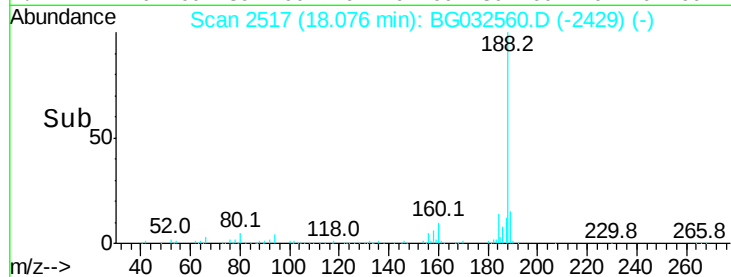
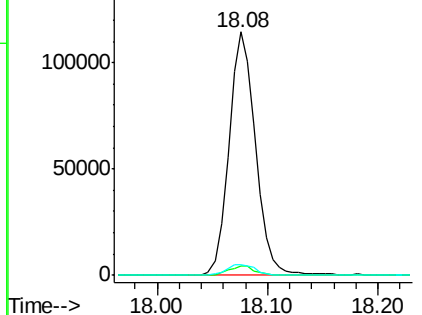
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 11.072 ng

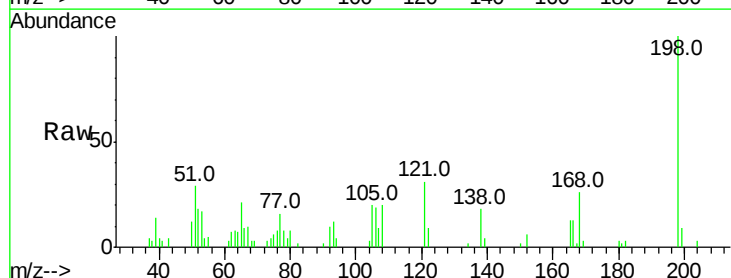
RT: 16.44 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

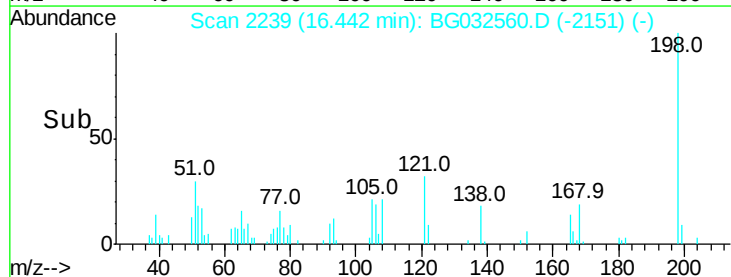
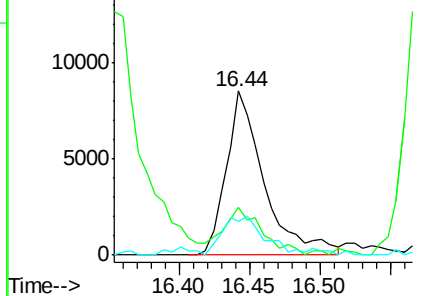
Tgt Ion:	198	Resp:	15913
Ion Ratio	Lower	Upper	
198	100		
51	29.4	30.6	70.6#
105	20.3	23.8	63.8#

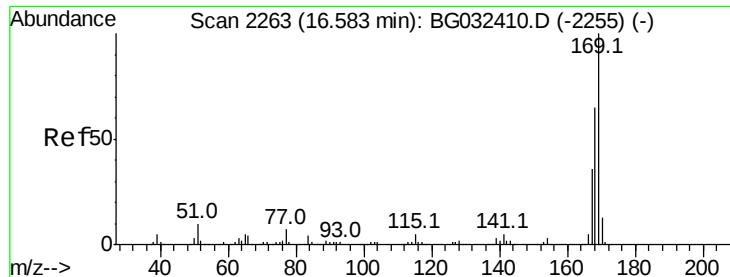


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.617 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

Tot Ion:169 Resp: 215961

Ion Ratio Lower Upper

169 100

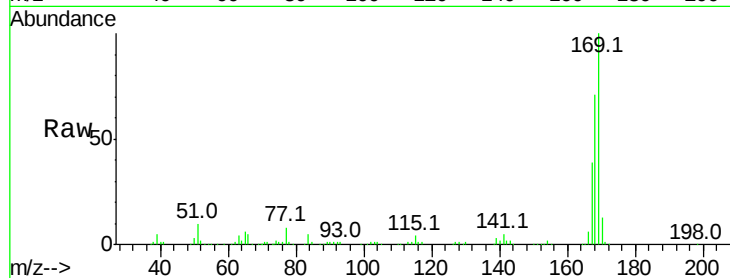
168 71.2 55.7 83.5

167 39.2 30.1 45.1

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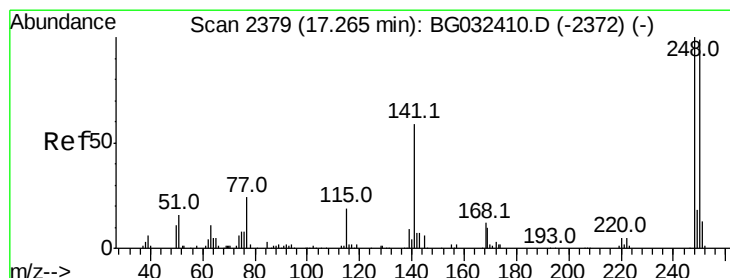
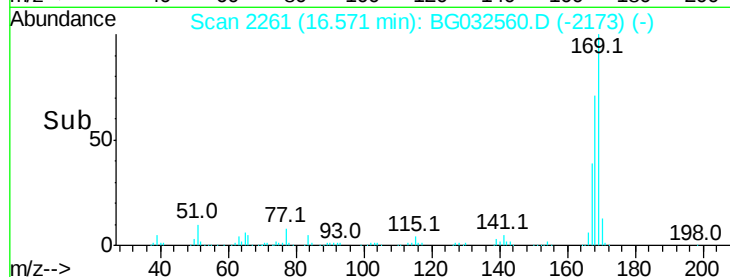
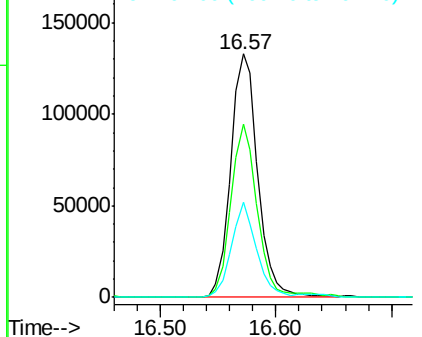
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.654 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

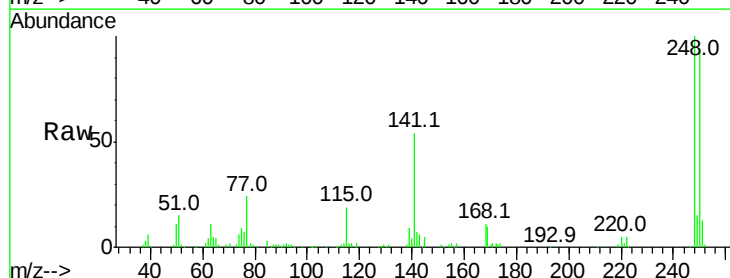
Tgt Ion:248 Resp: 107315

Ion Ratio Lower Upper

248 100

250 93.5 77.1 115.7

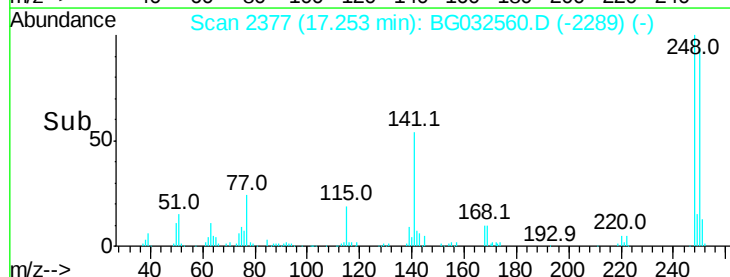
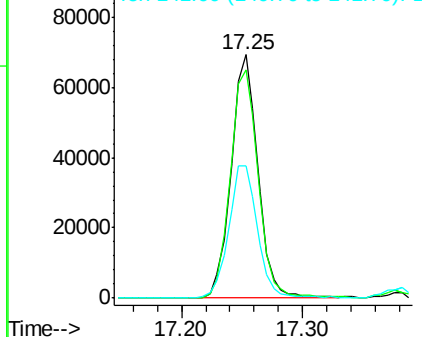
141 54.5 50.8 76.2

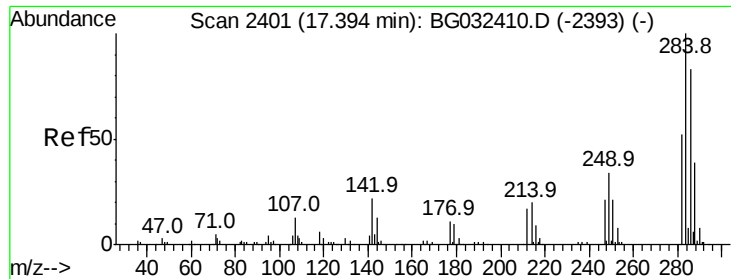


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.209 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

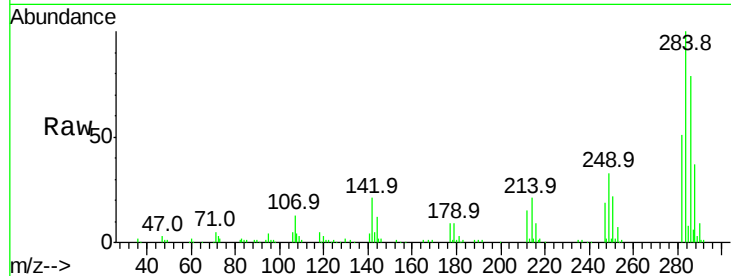
ClientSampled :

PB106300BS

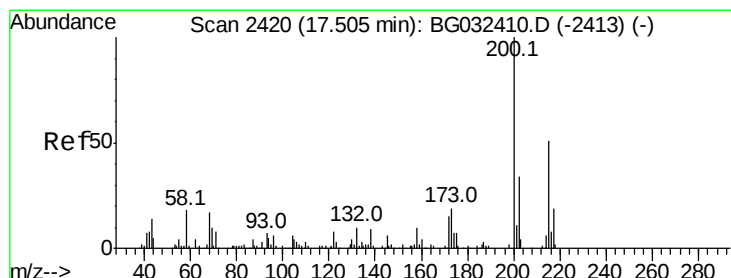
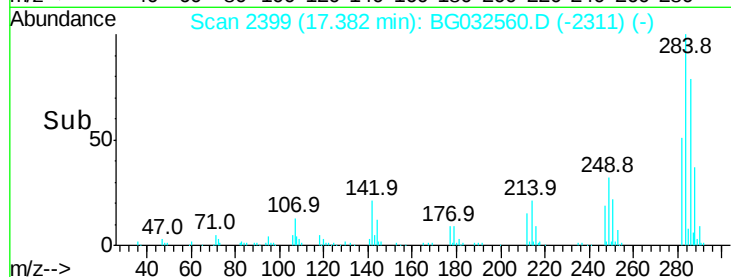
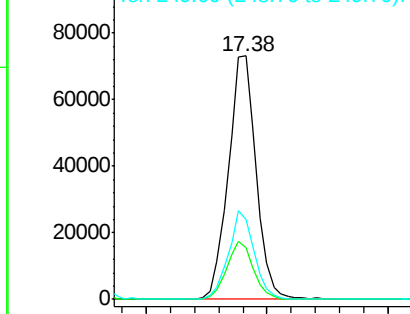
Tot Ion:	284	Resp:	117356
Ion Ratio		Lower	Upper
284	100		
142	21.4	26.8	40.2#
249	32.8	26.3	39.5

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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: 40.576 ng

RT: 17.49 min Scan# 2418

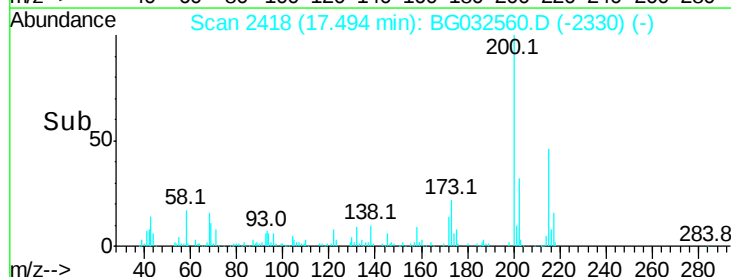
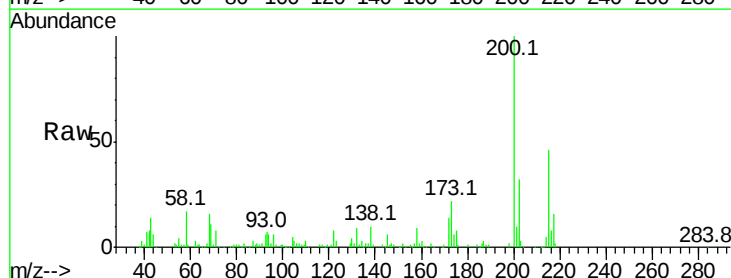
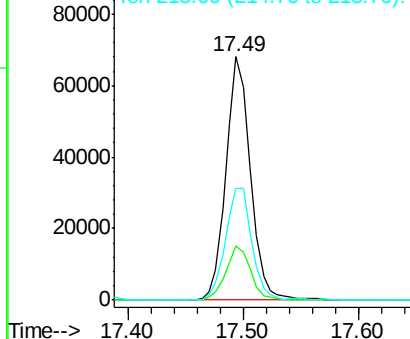
Delta R.T. -0.01 min

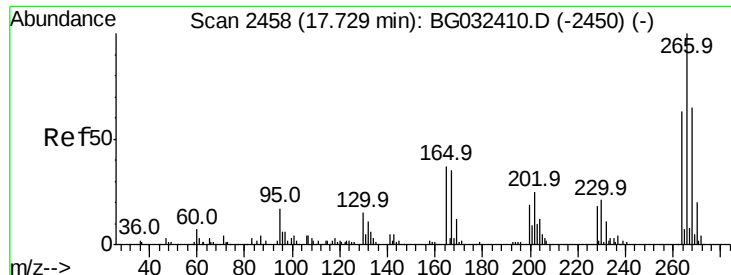
Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	200	Resp:	100001
Ion Ratio		Lower	Upper
200	100		
173	22.2	5.2	45.2
215	46.0	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





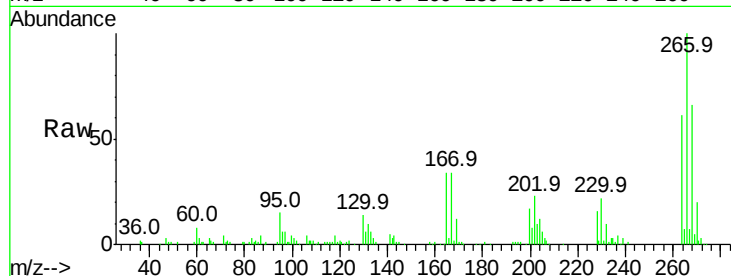
#69
 Pentachlorophenol
 Concen: 49.670 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

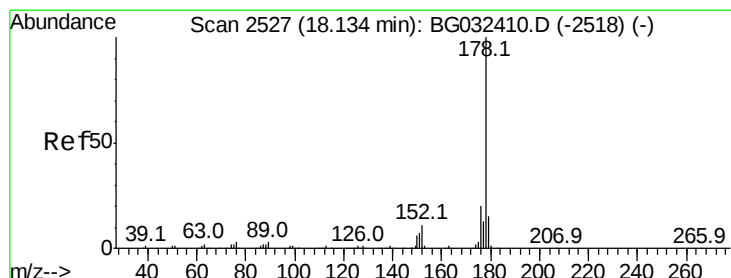
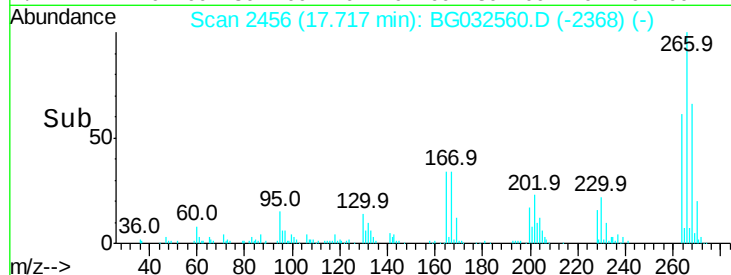
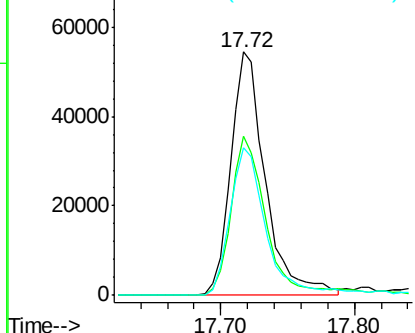
Tot Ion:	266	Resp:	98136
Ion Ratio		Lower	Upper
266	100		
268	65.6	51.1	76.7
264	60.8	49.6	74.4

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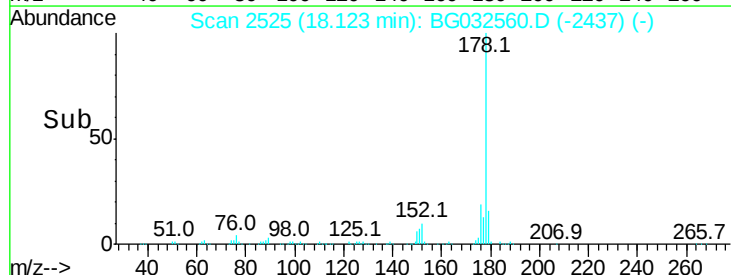
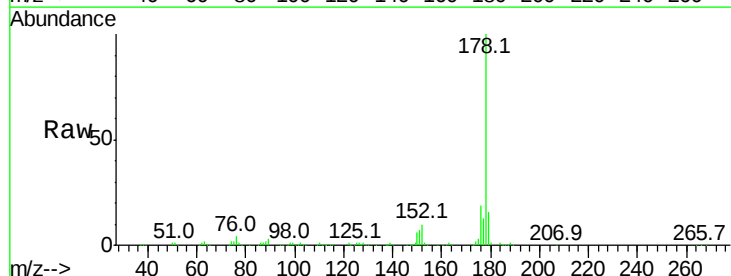
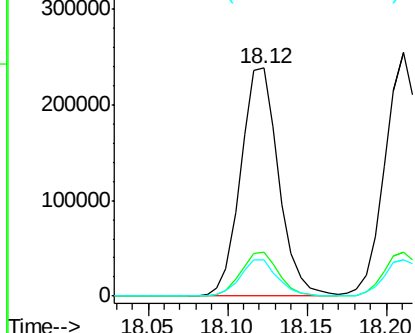
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

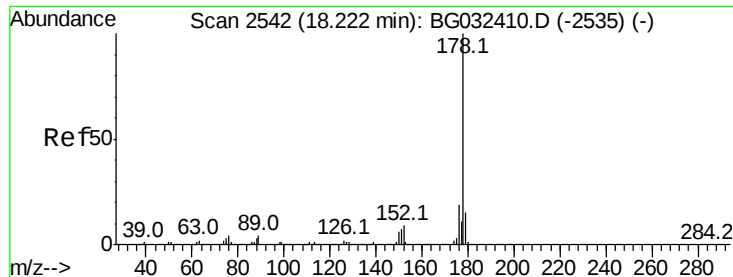


#70
 Phenanthrene
 Concen: 37.045 ng
 RT: 18.12 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:	178	Resp:	397429
Ion Ratio		Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.8	12.5	18.7

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





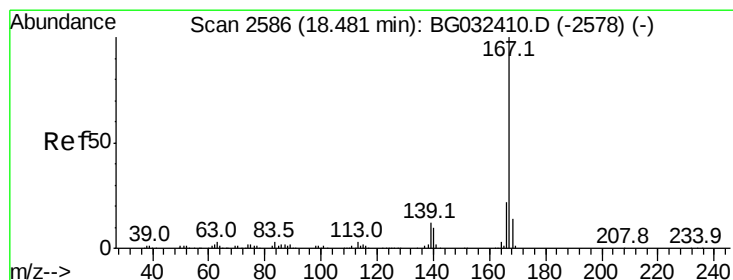
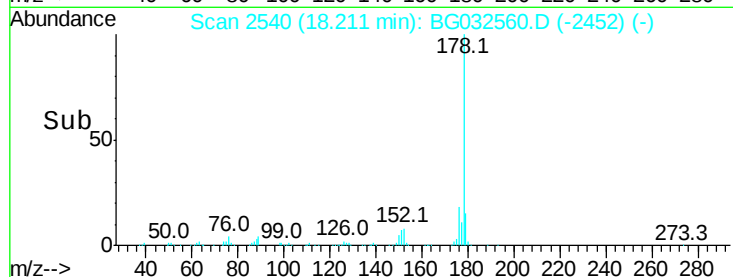
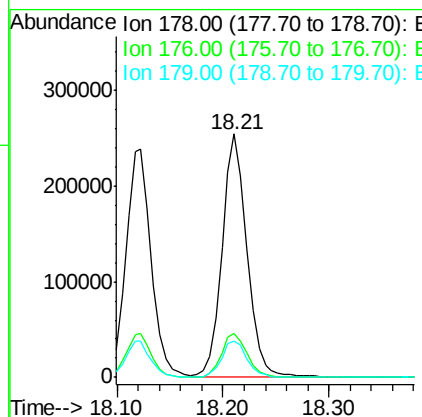
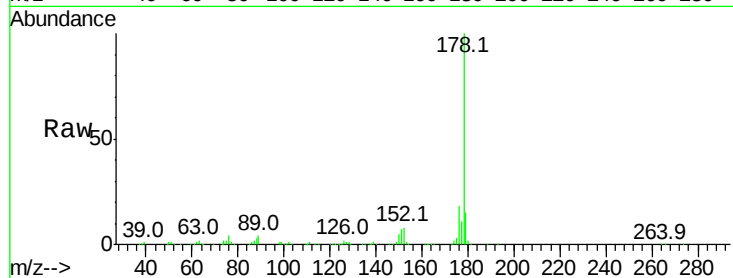
#71
 Anthracene
 Concen: 38.758 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.0	24.0
179	15.1	12.5	18.7

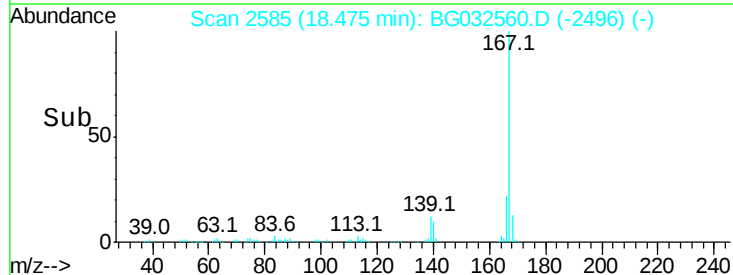
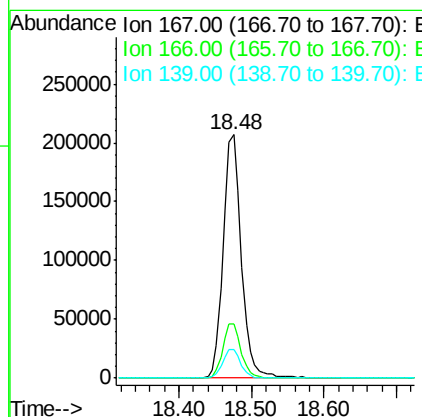
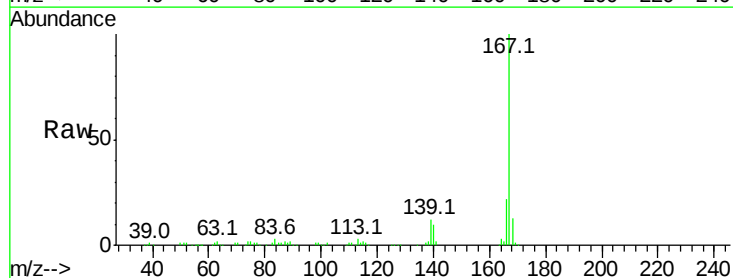
Manual Integrations
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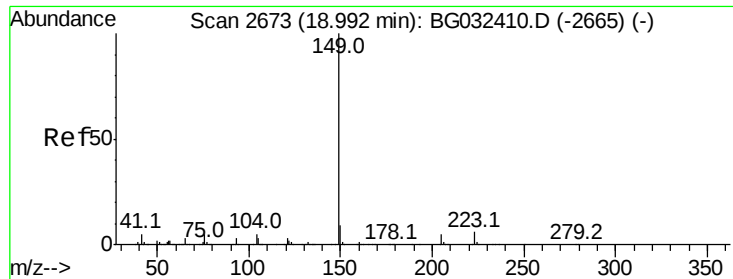
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#72
 Carbazole
 Concen: 38.228 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.0	9.4	14.2





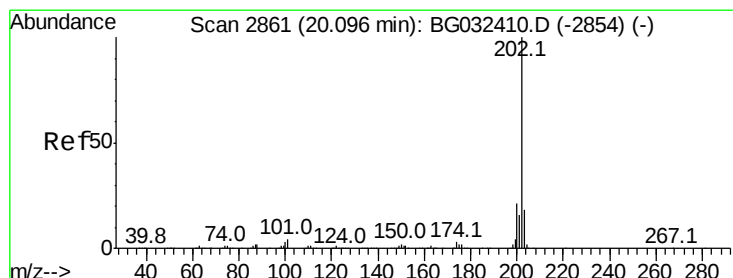
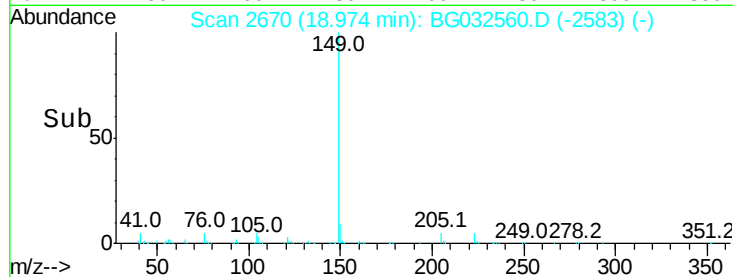
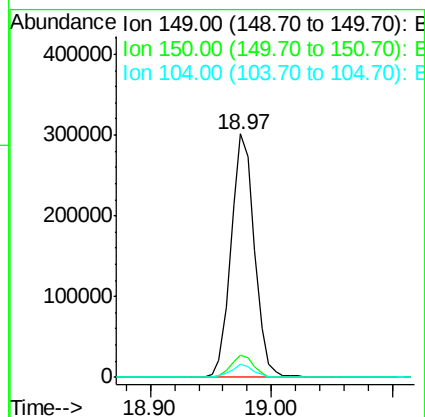
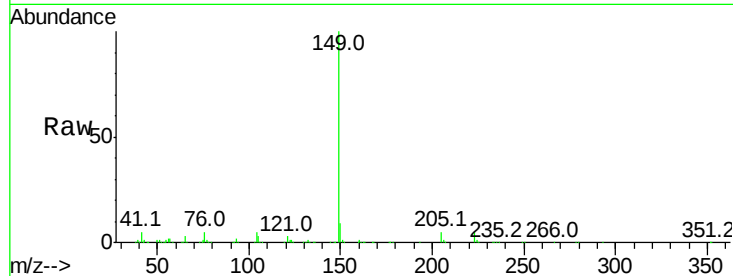
#73
Di-n-butylphthalate
Concen: 38.854 ng
RT: 18.97 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion:	149	Resp:	406015
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	5.3	3.9	5.9

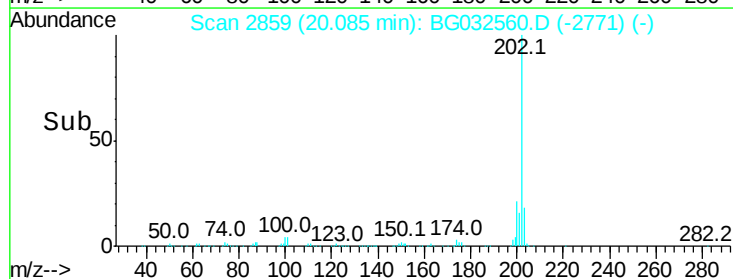
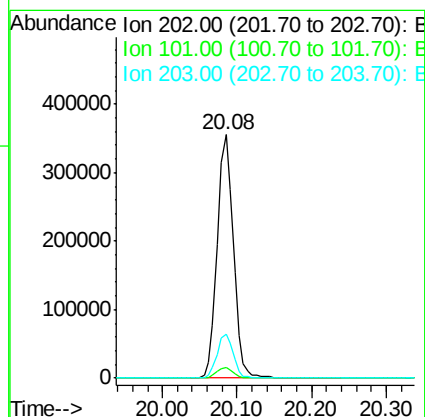
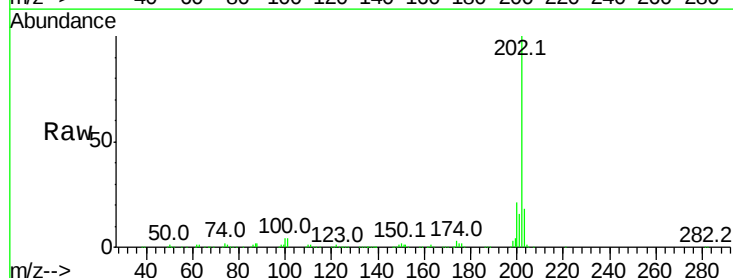
Manual Integrations
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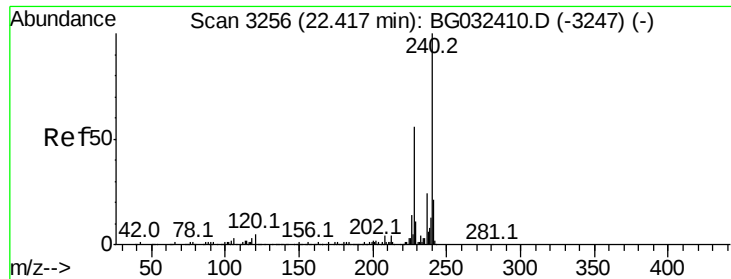
Sohil
2/6/2018 2:40:24 PM



#74
Fluoranthene
Concen: 37.982 ng
RT: 20.08 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:	202	Resp:	534381
Ion Ratio	Lower	Upper	
202	100		
101	4.4	0.0	28.9
203	18.0	0.0	37.5





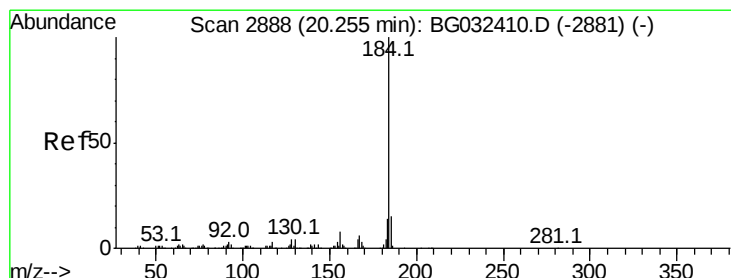
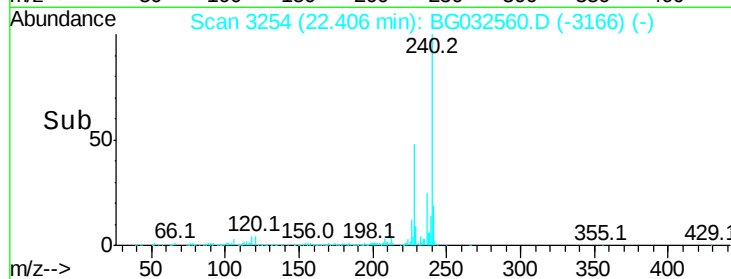
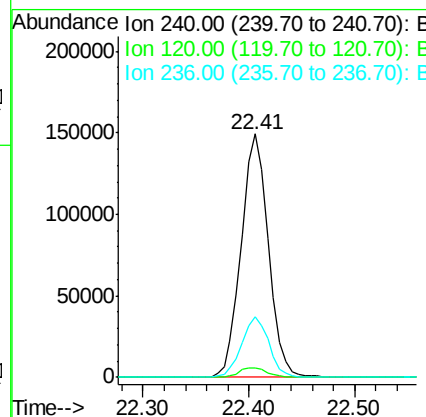
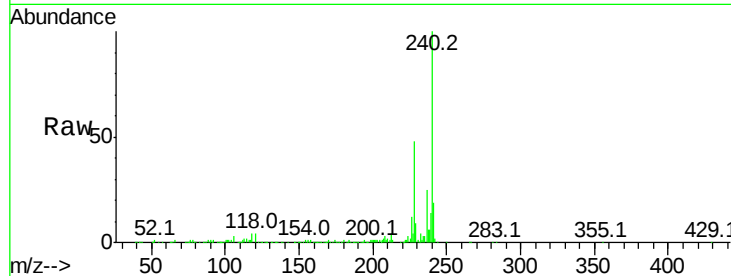
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	4.0	6.8	10.2#
236	24.7	20.9	31.3

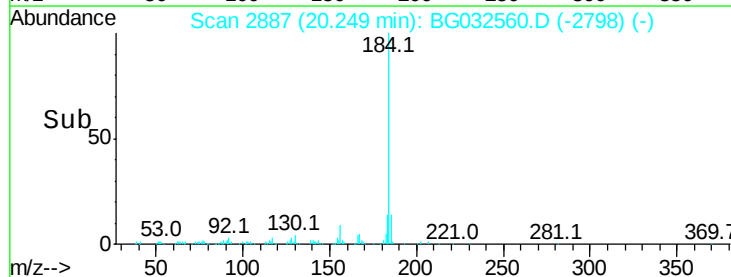
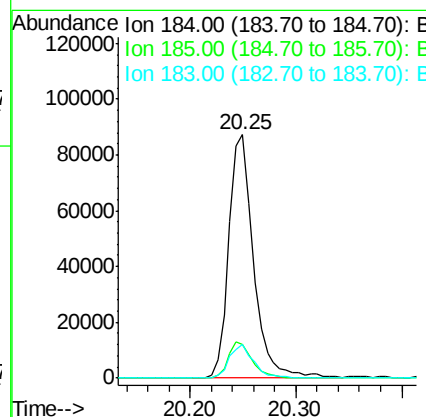
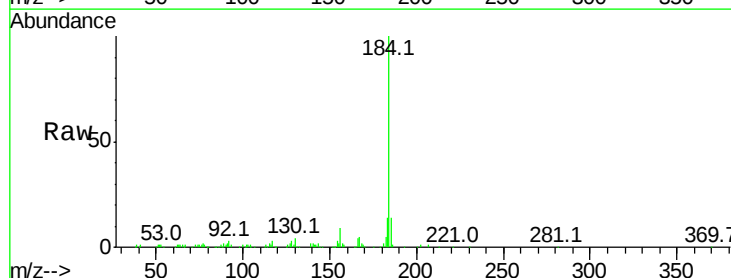
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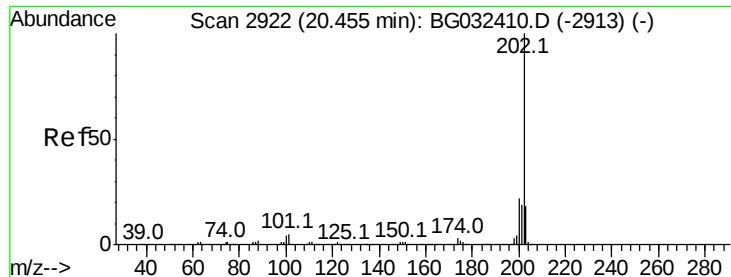
Sohil
2/6/2018 2:40:24 PM



#76
Benzidine
Concen: 27.218 ng
RT: 20.25 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.1	11.1	16.7
183	13.7	10.6	16.0





#77

Pvrene

Concen: 33.621 ng

RT: 20.44 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

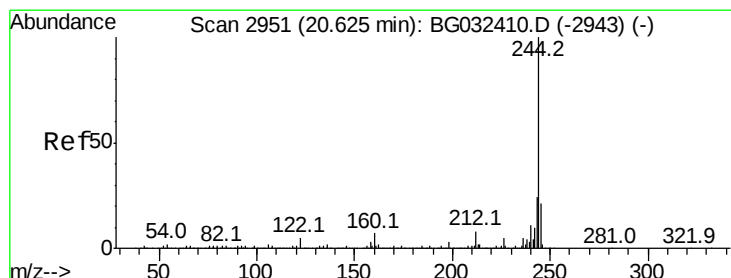
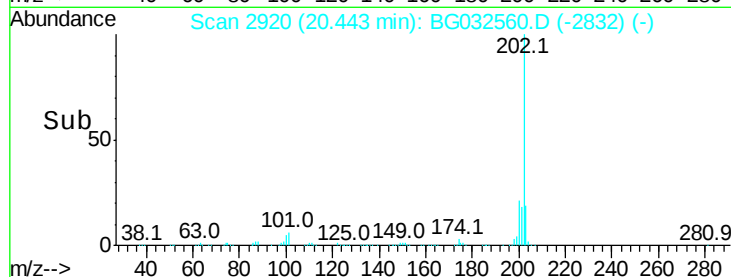
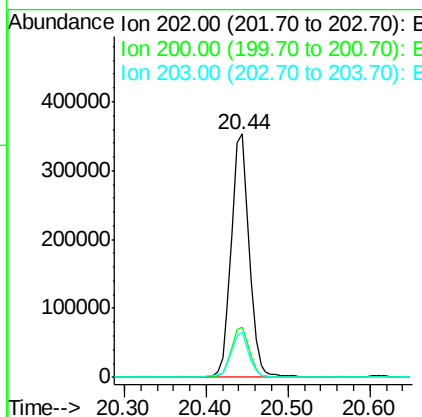
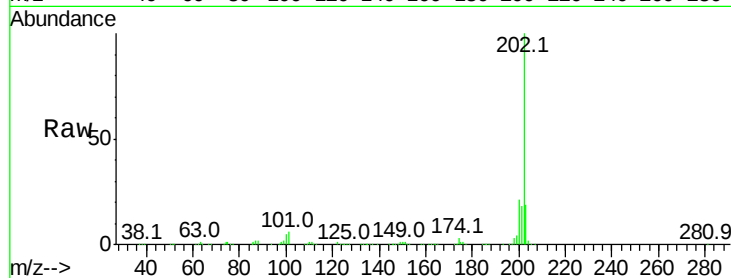
ClientSampleId :

PB106300BS

Tot Ion:	202	Resp:	547896
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	18.6	13.9	20.9

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#78

Terphenyl-d14

Concen: 75.202 ng

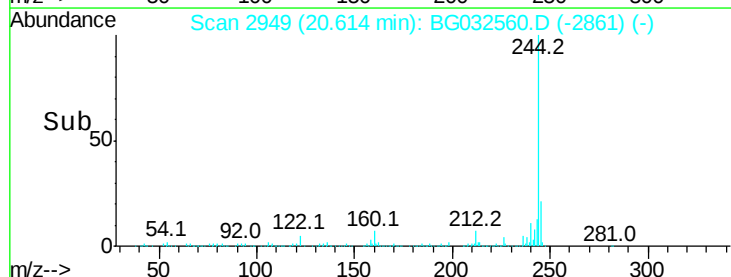
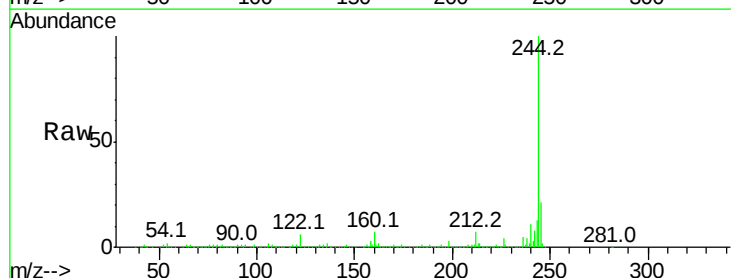
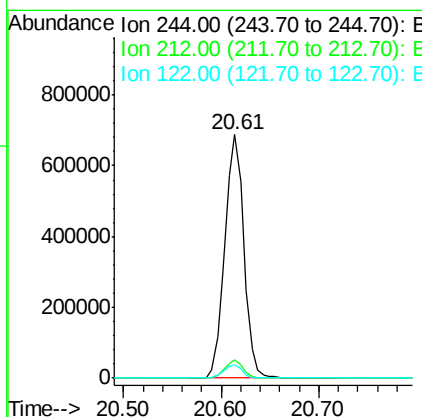
RT: 20.61 min Scan# 2949

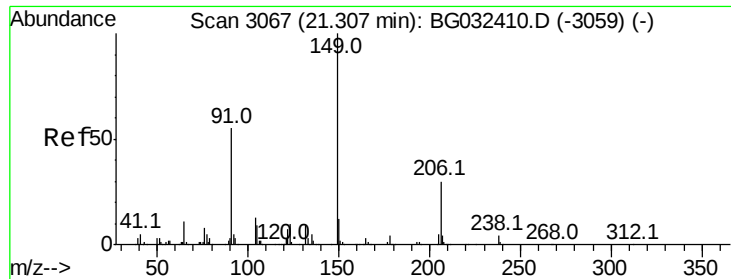
Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	244	Resp:	932786
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.8
122	5.7	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 37.660 ng

RT: 21.30 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

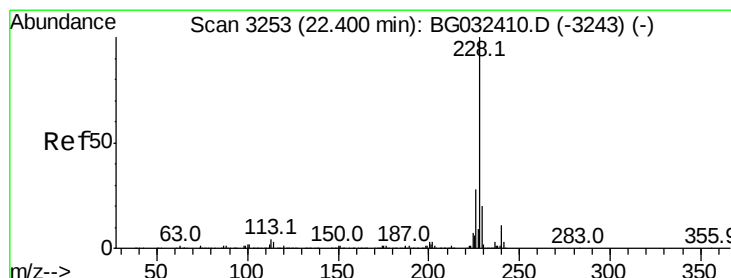
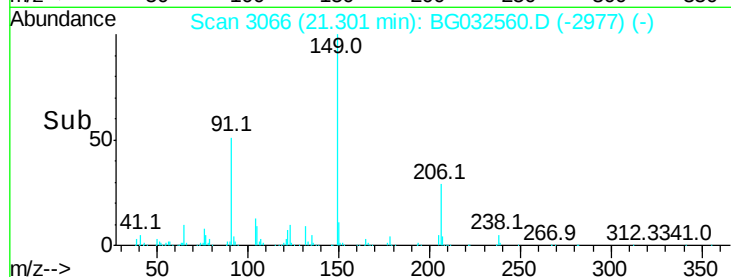
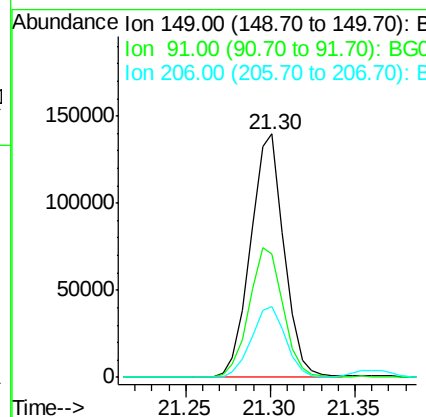
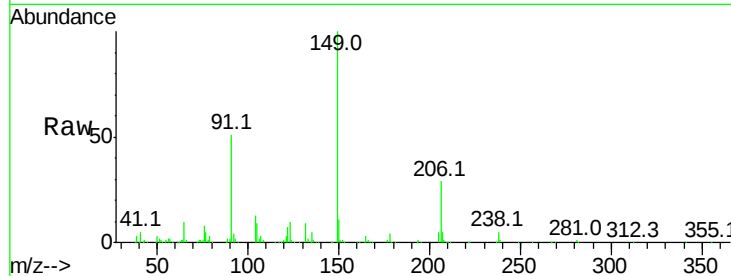
ClientSampleId :

PB106300BS

Tot Ion:	149	Resp:	193581
Ion Ratio	Lower	Upper	
149	100		
91	50.9	62.2	93.2#
206	29.2	18.6	27.8#

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#80

Benzo(a)anthracene

Concen: 38.211 ng

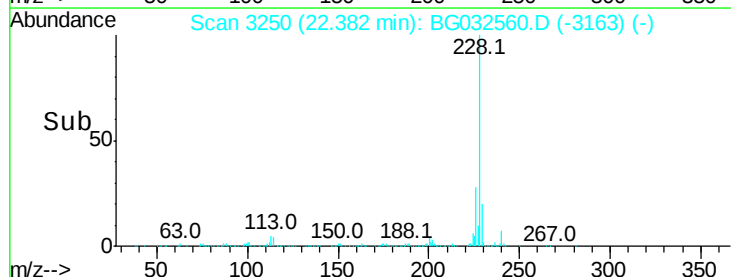
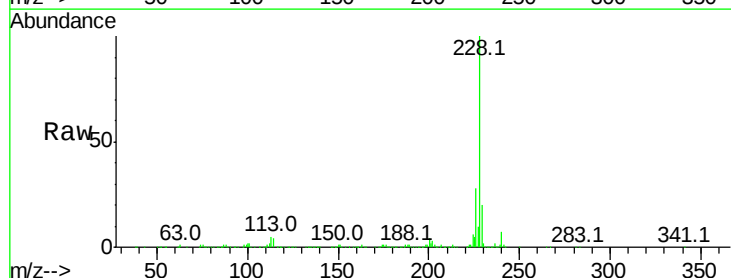
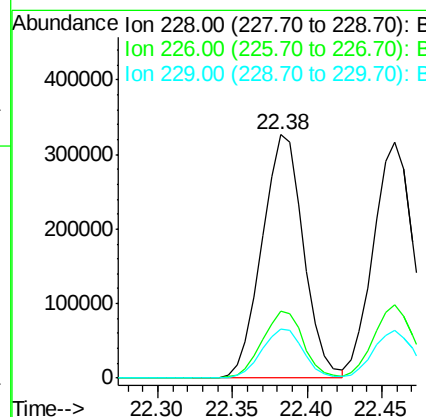
RT: 22.38 min Scan# 3250

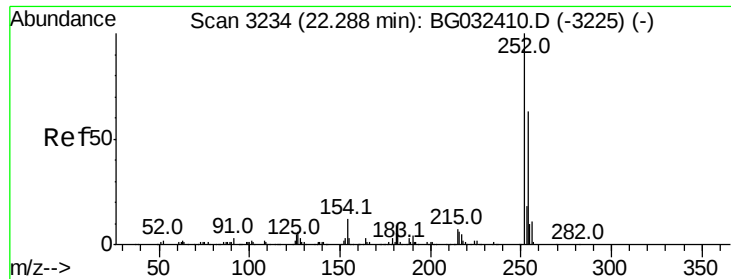
Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	228	Resp:	629398
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.7	34.1
229	20.1	16.2	24.2





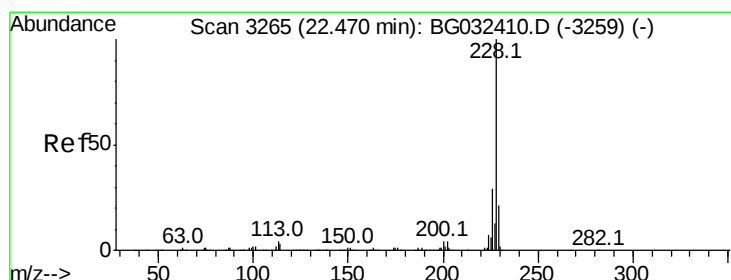
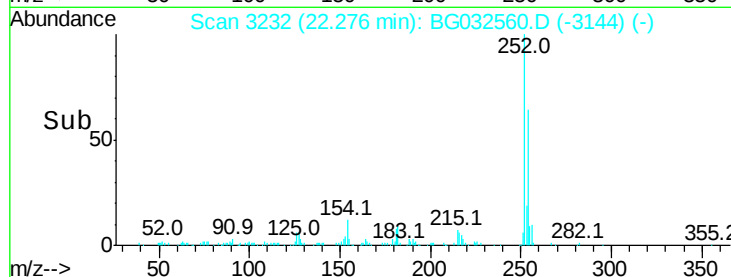
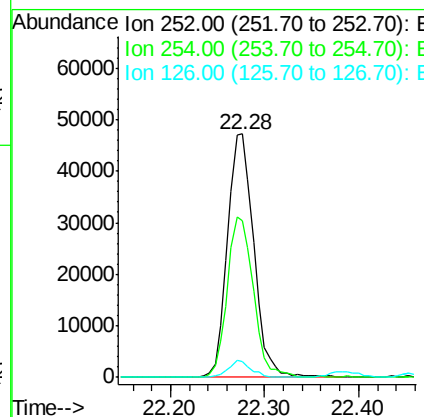
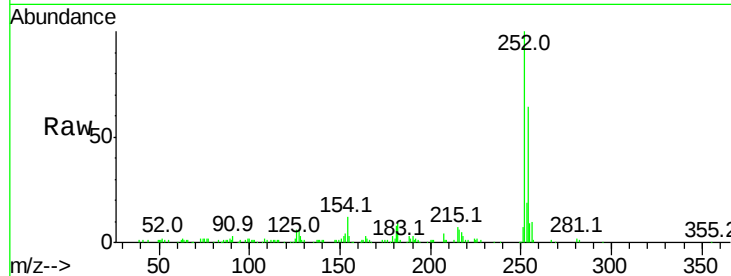
#81
 3,3'-Dichlorobenzidine
 Concen: 14.487 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	6.3	7.4	11.2

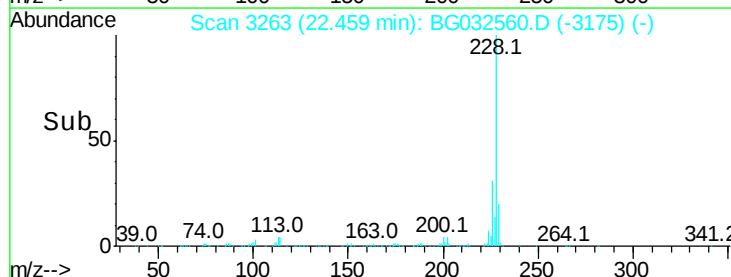
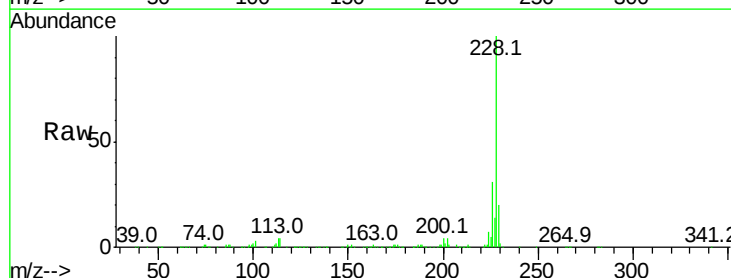
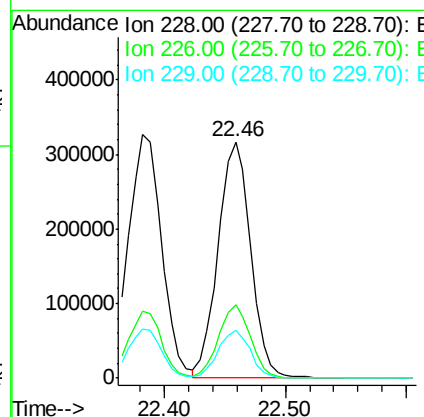
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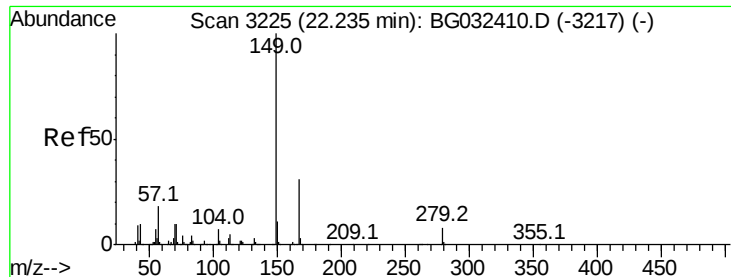
Sohil
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#82
 Chrysene
 Concen: 36.959 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.4	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.595 ng

RT: 22.22 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

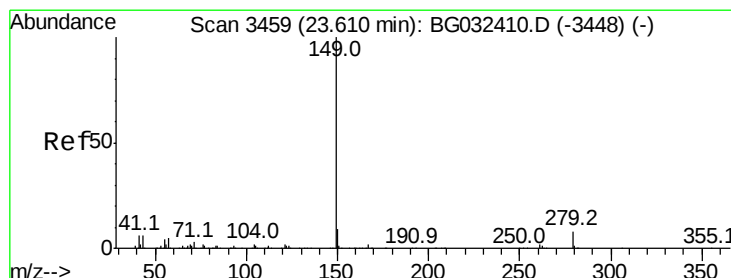
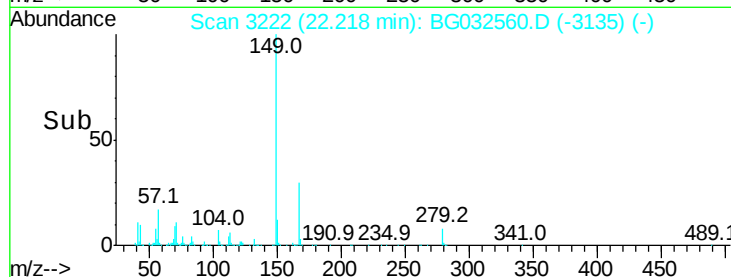
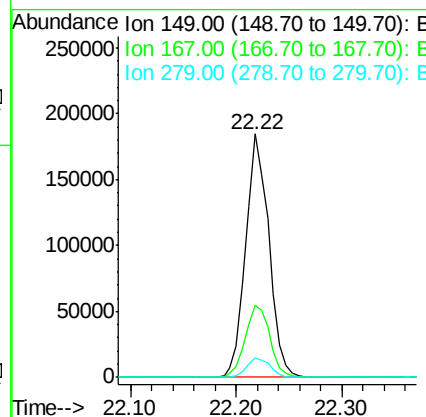
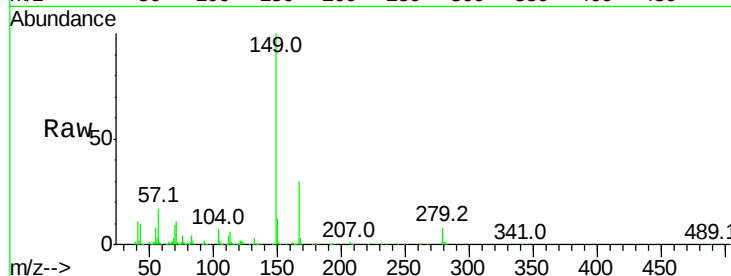
ClientSampleId :

PB106300BS

Tot Ion:	149	Resp:	281292
Ion Ratio	Lower	Upper	
149	100		
167	29.9	24.3	36.5
279	8.0	4.0	6.0#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.921 ng

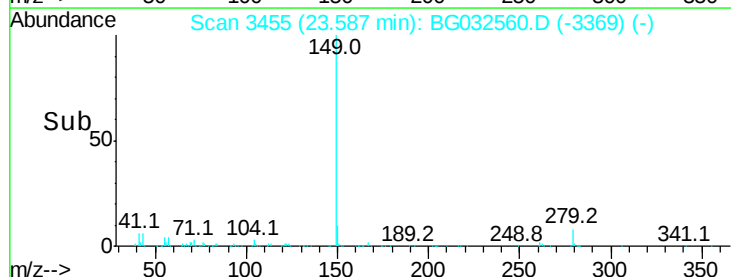
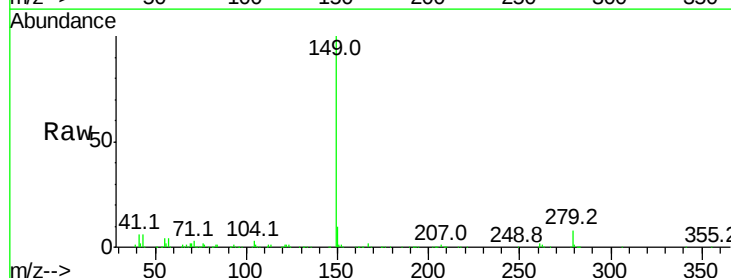
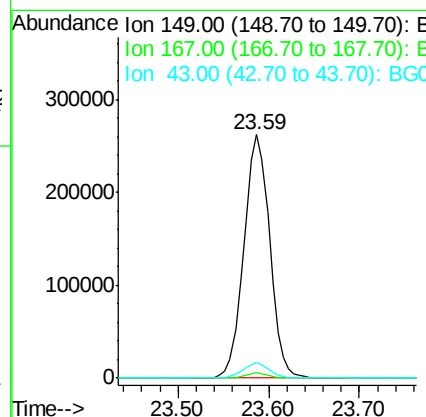
RT: 23.59 min Scan# 3455

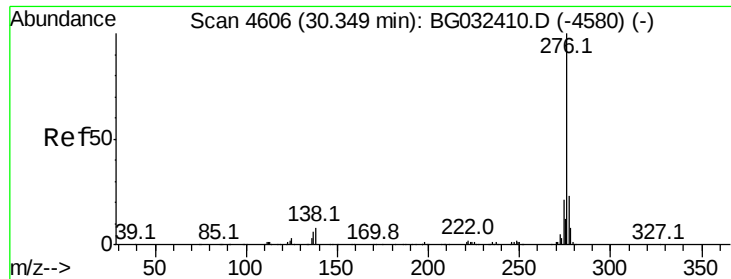
Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	149	Resp:	519295
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	6.3	8.9	13.3#





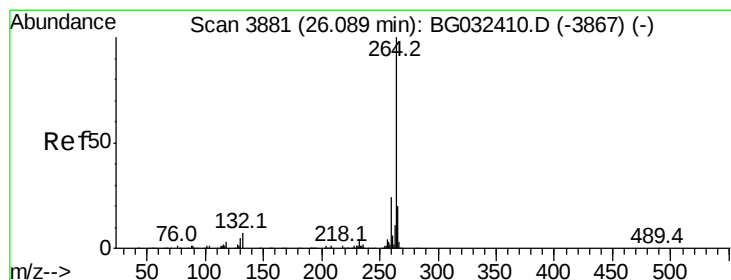
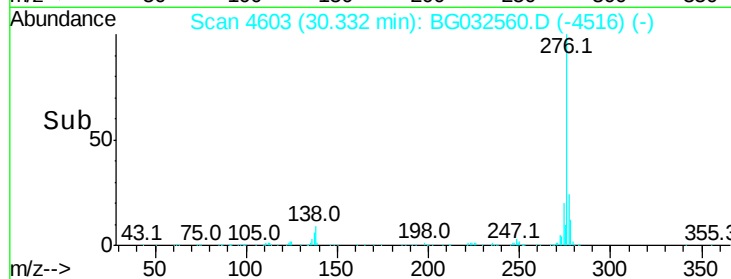
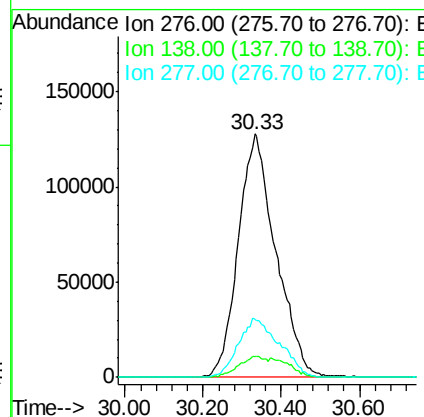
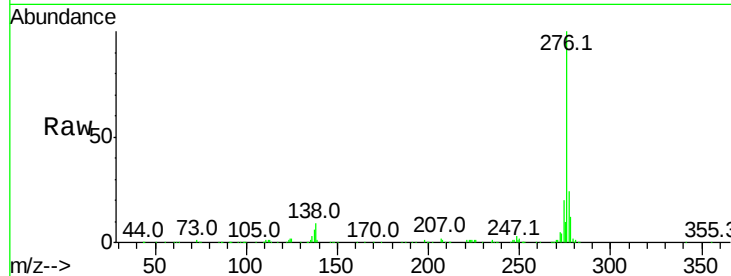
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.473 ng
RT: 30.33 min Scan# 4603
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.3	16.0	24.0#
277	26.4	20.0	30.0

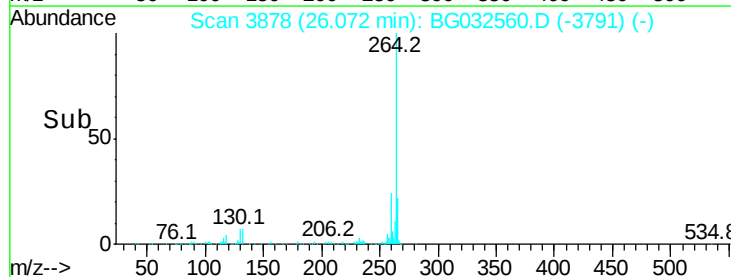
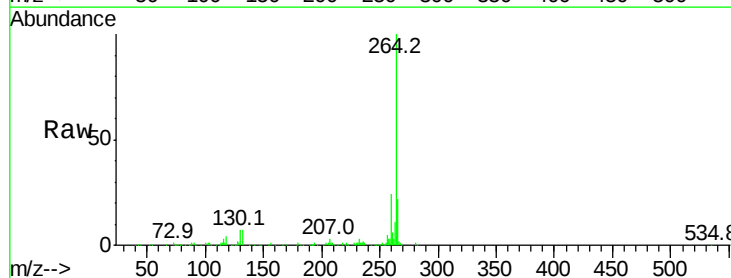
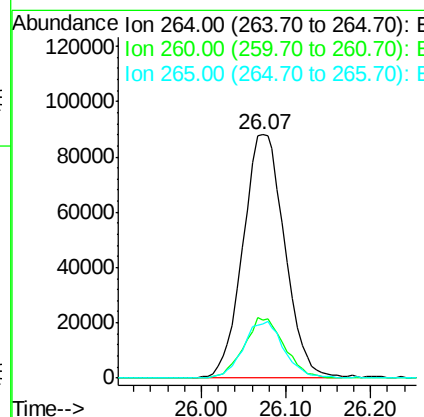
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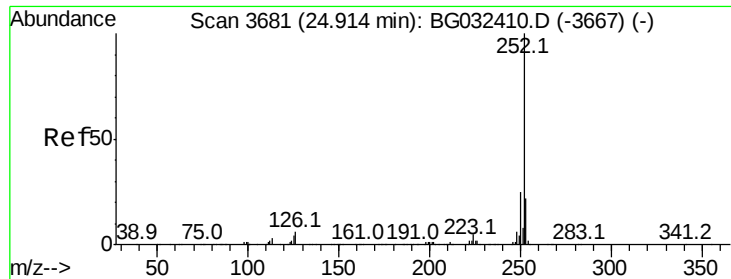
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.3	17.7	26.5





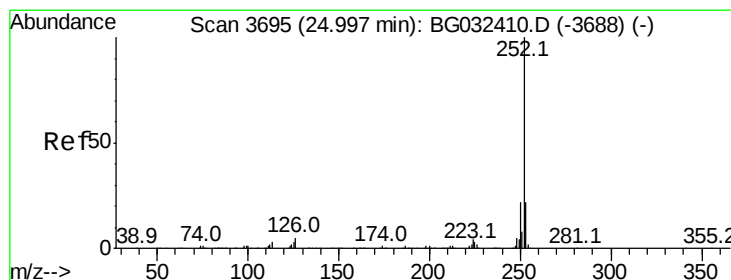
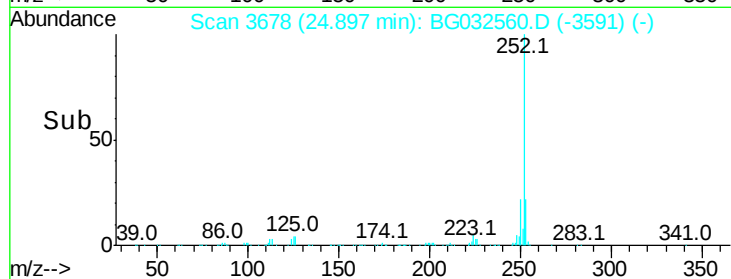
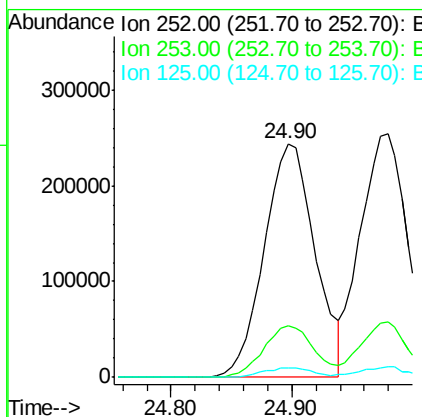
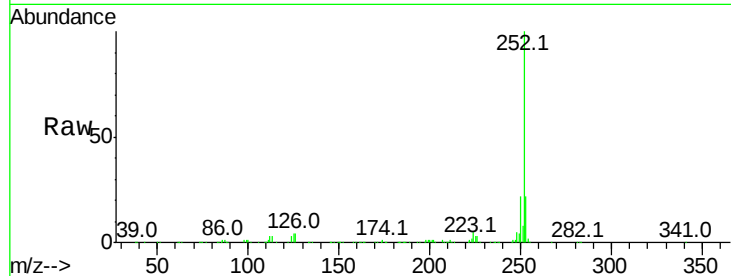
#87
Benzo(b)fluoranthene
Concen: 38.904 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	4.0	7.2	10.8

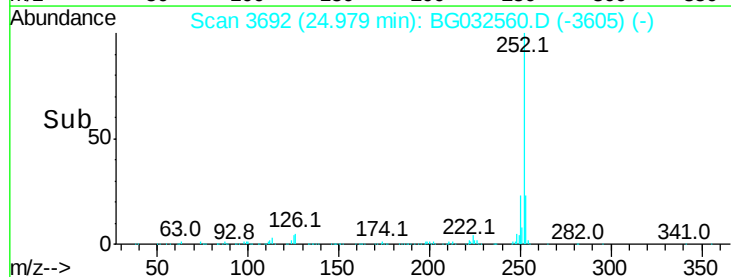
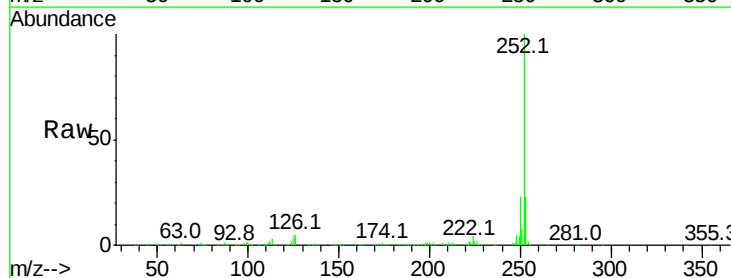
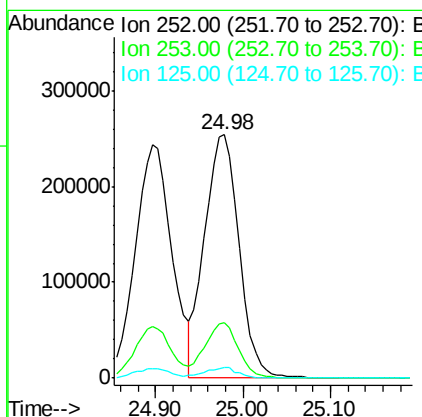
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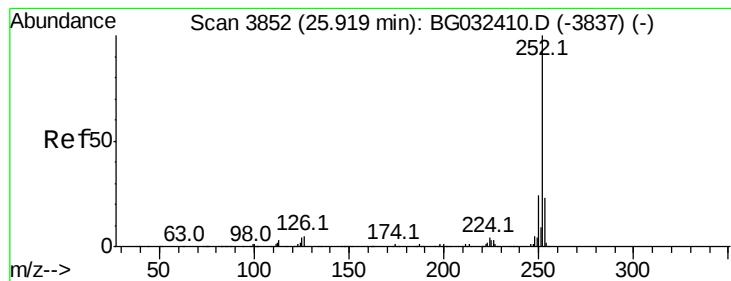
Sohil
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#88
Benzo(k)fluoranthene
Concen: 38.421 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	4.4	6.6	9.8





#89

Benzo(a)pyrene

Concen: 39.778 ng

RT: 25.90 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

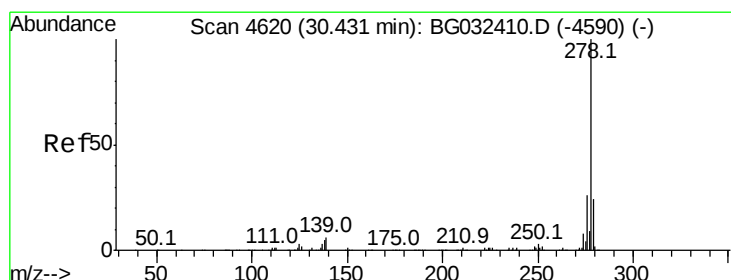
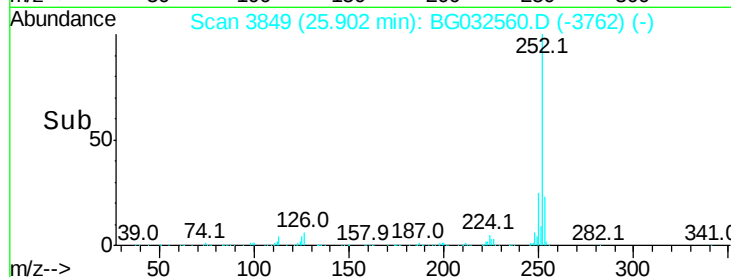
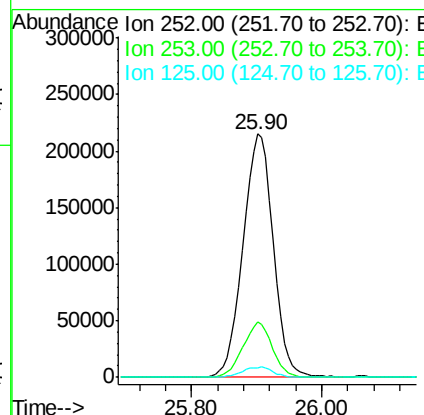
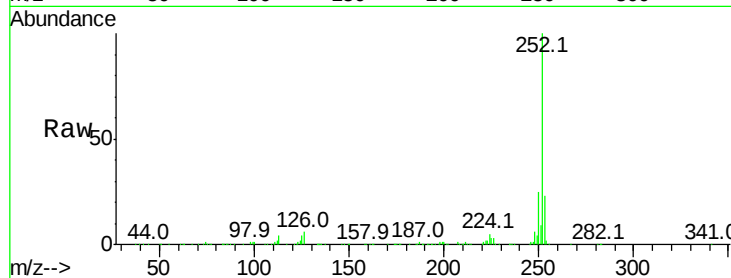
ClientSampleId :

PB106300BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	692372		
253	22.9	18.3	27.5	
125	4.0	7.3	10.9	

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#90

Dibenzo(a,h)anthracene

Concen: 39.854 ng

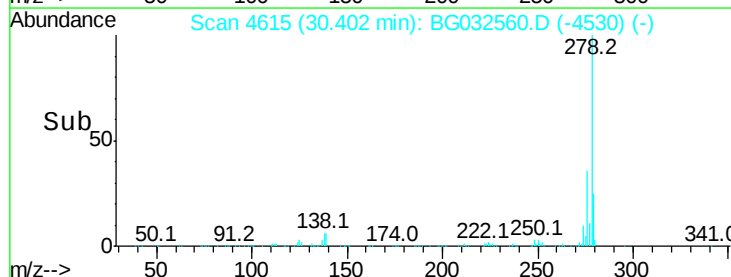
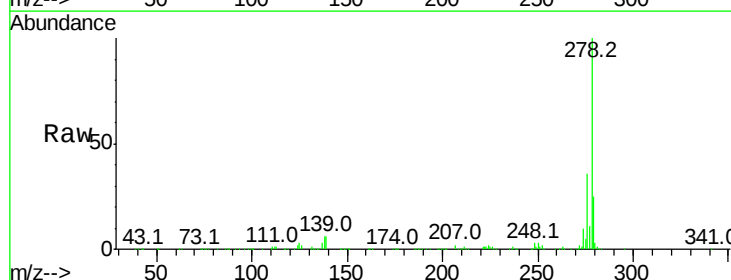
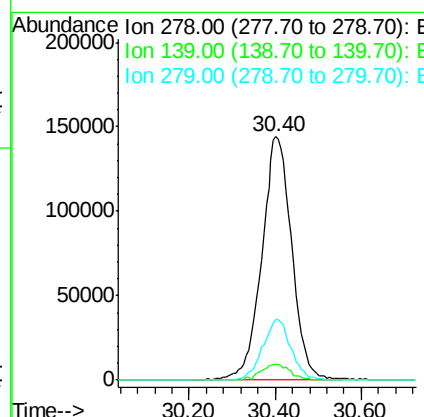
RT: 30.40 min Scan# 4615

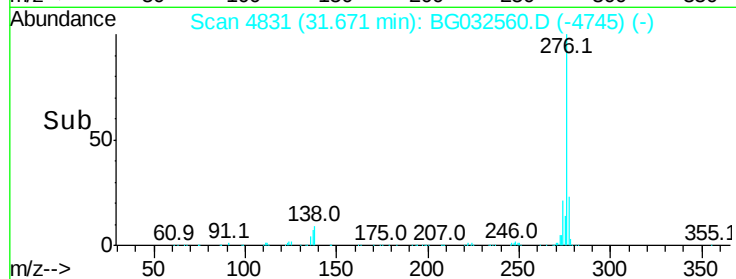
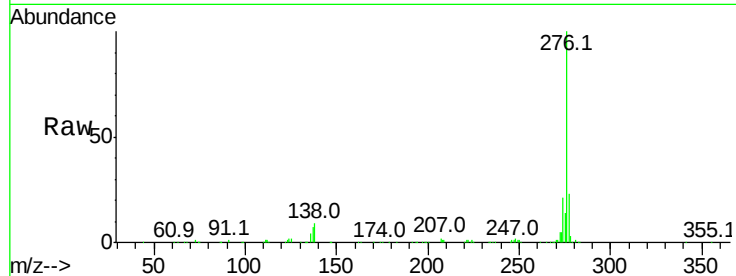
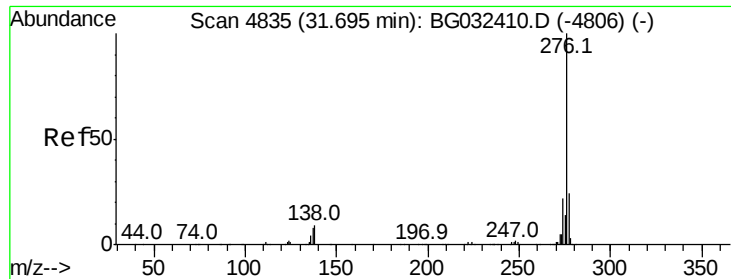
Delta R.T. -0.03 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	709622		
139	6.3	9.8	14.6	
279	24.7	18.4	27.6	





#91

Benzo(a,h,i)perylene

Concen: 39.904 ng

RT: 31.67 min Scan# 4831

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

Tot Ion:	276	Resp:	705249
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.3	27.5
138	8.6	13.9	20.9#

Manual Integrations
APPROVED

Sohil
2/6/2018 2:40:24 PM

