

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026028.D
 Acq On : 2 Mar 2017 14:00
 Operator : SJ/MA
 Sample : PB97261BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Manual Integrations
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 3/3/2017 10:56:29 AM

Quant Time: Mar 02 15:30:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	122897	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	525311	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	303361	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	695735	20.00	ng	0.00
75) Chrysene-d12	21.66	240	696558	20.00	ng	-0.02
86) Perylene-d12	24.85	264	646348	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	659396	93.41	ng	-0.01
7) Phenol-d6	7.23	99	853618	81.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	699887	84.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	309675	110.49	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1742346	100.36	ng	-0.02
78) Terphenyl-d14	20.00	244	2329199	81.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	93341	28.93	ng	# 77
3) Pyridine	3.93	79	284757	29.62	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	111137	32.15	ng	# 16
6) Aniline	7.39	93	370415	25.51	ng	# 88
8) 2-Chlorophenol	7.64	128	350875	41.82	ng	# 85
9) Benzaldehyde	7.20	77	91975	14.86	ng	# 75
10) Phenol	7.26	94	444907	39.19	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	336585	36.07	ng	# 84
12) 1,3-Dichlorobenzene	7.96	146	379703	39.15	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	383304	39.02	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	367135	38.07	ng	# 93
15) Benzyl Alcohol	8.30	79	292513	38.24	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.60	45	386596	28.55	ng	# 86
17) 2-Methylphenol	8.51	107	309047	37.79	ng	# 82
18) Hexachloroethane	9.16	117	128756	39.55	ng	# 86
19) n-Nitroso-di-n-propylamine	8.87	70	259829	34.06	ng	# 76
20) 3+4-Methylphenols	8.83	107	420197	36.07	ng	# 87
22) Acetophenone	8.89	105	511774	40.60	ng	# 78
24) Nitrobenzene	9.27	77	354958	39.43	ng	# 76
25) Isophorone	9.79	82	723938	39.52	ng	# 91
26) 2-Nitrophenol	9.98	139	185159	43.99	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	346478	44.10	ng	# 88
28) bis(2-Chloroethoxy)methane	10.27	93	447920	38.58	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	333574	44.49	ng	# 94
30) 1,2,4-Trichlorobenzene	10.73	180	347377	42.60	ng	# 97
31) Naphthalene	10.92	128	1064828	39.21	ng	# 100
32) Benzoic acid	10.16	122	220099	36.69	ng	# 72
33) 4-Chloroaniline	11.02	127	174972	14.83	ng	# 85
34) Hexachlorobutadiene	11.22	225	199691	43.03	ng	# 100
35) Caprolactam	11.78	113	136765m	45.17	ng	# 80
36) 4-Chloro-3-methylphenol	12.14	107	367888	41.01	ng	# 92
37) 2-Methylnaphthalene	12.52	142	812171	39.26	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	364991	48.00	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	409437	98.41	ng	# 94

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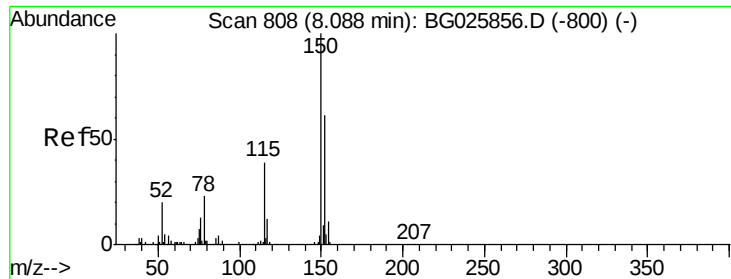
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	265784	54.12	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	278844	50.02	ng	94
45) 1,1'-Biphenyl	13.51	154	1034634	47.06	ng	99
46) 2-Chloronaphthalene	13.56	162	744279	46.83	ng	97
47) 2-Nitroaniline	13.75	65	224775	44.59	ng	# 64
48) Acenaphthylene	14.40	152	1281018	45.27	ng	98
49) Dimethylphthalate	14.12	163	1011719	48.61	ng	98
50) 2,6-Dinitrotoluene	14.24	165	228758	48.93	ng	# 69
51) Acenaphthene	14.74	154	927637	49.64	ng	100
52) 3-Nitroaniline	14.57	138	144579	27.65	ng	# 76
53) 2,4-Dinitrophenol	14.78	184	220684	90.21	ng	# 85
54) Dibenzofuran	15.07	168	1216006	48.81	ng	91
55) 4-Nitrophenol	14.87	139	381560	89.66	ng	# 47
56) 2,4-Dinitrotoluene	15.03	165	310827	49.42	ng	# 75
57) Fluorene	15.72	166	1018963	45.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	265091	53.90	ng	96
59) Diethylphthalate	15.48	149	1048376	48.70	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	478756	46.41	ng	95
61) 4-Nitroaniline	15.73	138	240364	44.34	ng	# 55
62) Azobenzene	16.00	77	915598	49.48	ng	84
64) 4,6-Dinitro-2-methylphenol	15.79	198	174164	42.78	ng	87
65) n-Nitrosodiphenylamine	15.92	169	903625	42.83	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	316492	43.40	ng	97
67) Hexachlorobenzene	16.72	284	332747	44.27	ng	93
68) Atrazine	16.86	200	342319	45.84	ng	97
69) Pentachlorophenol	17.06	266	421738	90.97	ng	97
70) Phenanthrene	17.45	178	1590239	42.11	ng	97
71) Anthracene	17.54	178	1640863	42.62	ng	99
72) Carbazole	17.80	167	1517846	39.24	ng	97
73) Di-n-butylphthalate	18.36	149	1898815	50.01	ng	# 93
74) Fluoranthene	19.45	202	1836518	44.16	ng	95
76) Benzidine	19.62	184	562168	25.57	ng	98
77) Pyrene	19.81	202	1860819	42.24	ng	98
79) Butylbenzylphthalate	20.69	149	865384	51.76	ng	87
80) Benzo(a)anthracene	21.63	228	1678772	41.28	ng	97
81) 3,3'-Dichlorobenzidine	21.55	252	371411	25.62	ng	# 98
82) Chrysene	21.70	228	1550882	39.66	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1284671	53.22	ng	# 99
84) Di-n-octyl phthalate	22.74	149	2205486	55.32	ng	# 83
85) Indeno(1,2,3-cd)pyrene	28.50	276	1707570	37.07	ng	# 88
87) Benzo(b)fluoranthene	23.84	252	1673385	43.23	ng	# 95
88) Benzo(k)fluoranthene	23.91	252	1618161	42.84	ng	# 94
89) Benzo(a)pyrene	24.71	252	1570048	42.83	ng	# 95
90) Dibenzo(a,h)anthracene	28.56	278	1370932	37.23	ng	# 93
91) Benzo(g,h,i)perylene	29.64	276	1460111	39.55	ng	# 89

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



#1

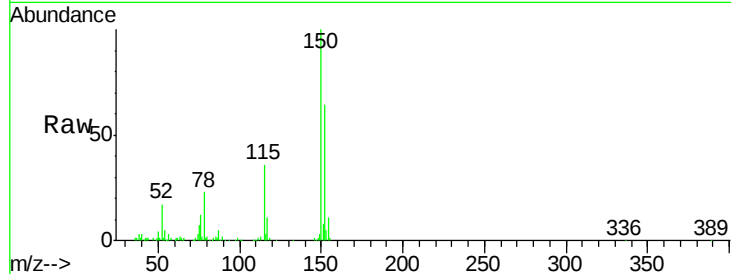
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

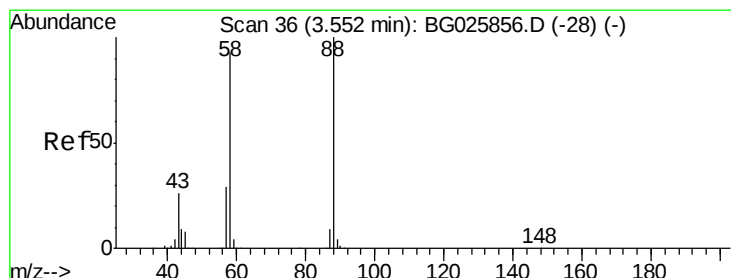
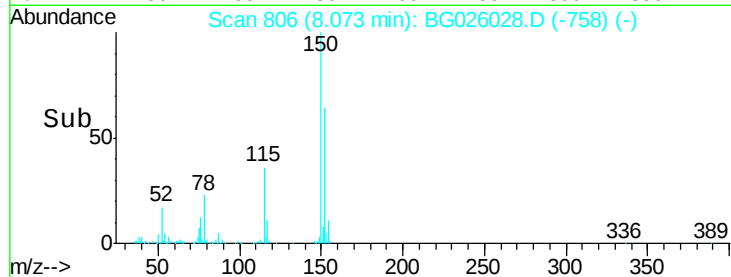
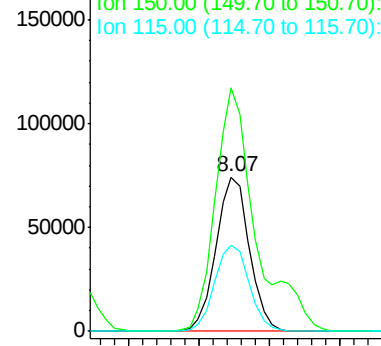
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	122897		
150	157.5	114.0	171.0	
115	56.1	48.1	72.1	

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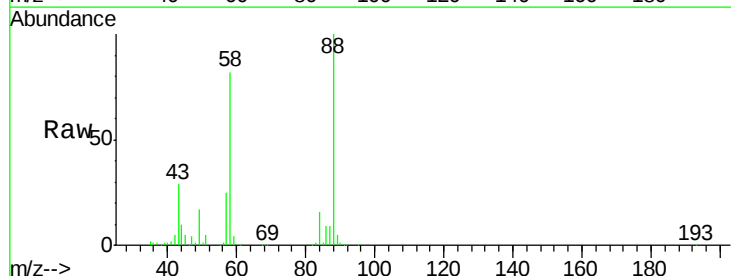
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



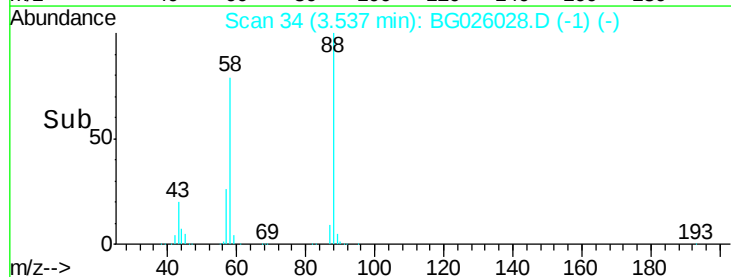
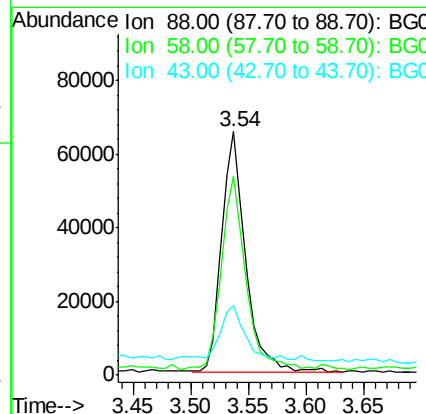
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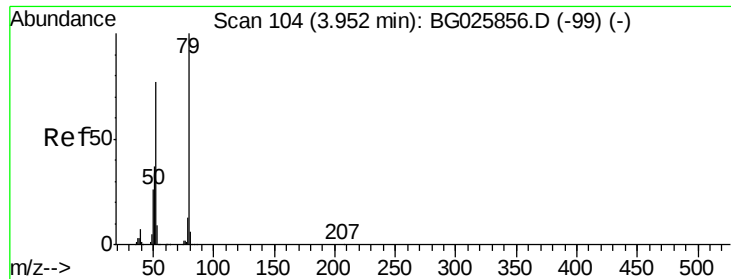
1,4-Dioxane
Concen: 28.93 ng
RT: 3.54 min Scan# 34
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	93341		
58	80.3	79.4	119.2	
43	21.3	33.8	50.6	



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





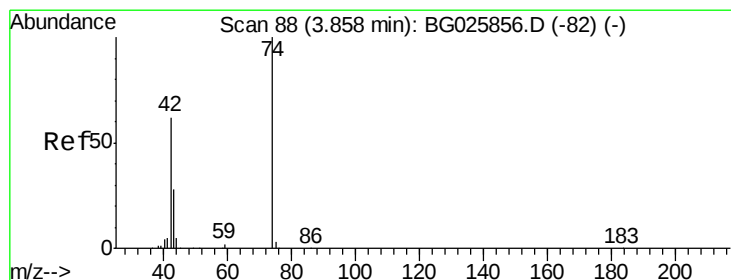
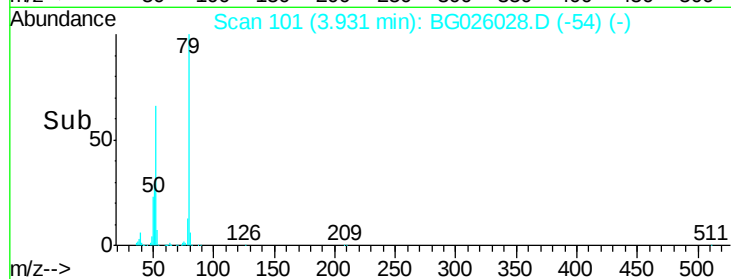
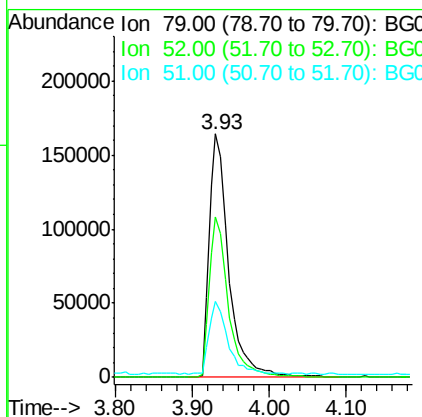
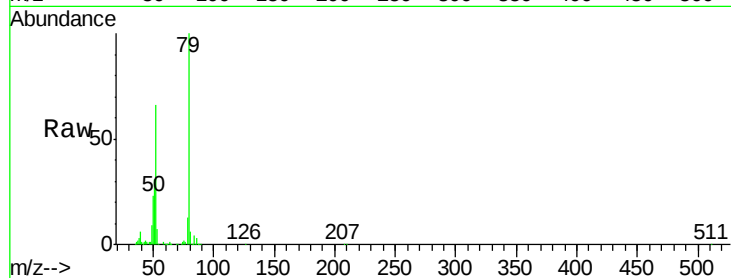
#3
 Pyridine
 Concen: 29.62 ng
 RT: 3.93 min Scan# 101
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
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 ClientSampleId :
 PB97261BS

Tgt Ion: 79 Resp: 284757
 Ion Ratio Lower Upper
 79 100
 52 66.1 77.8 116.6#
 51 31.1 43.2 64.8#

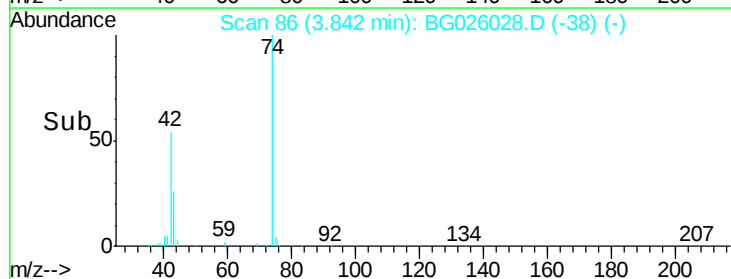
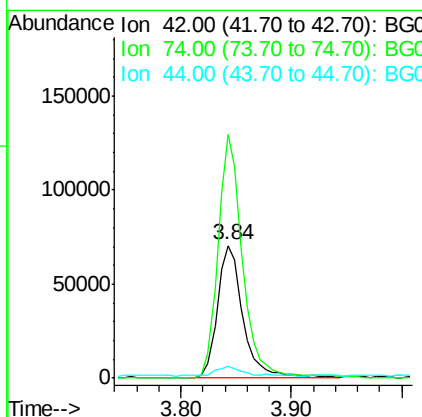
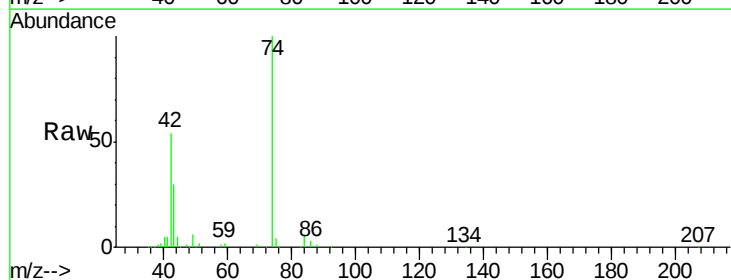
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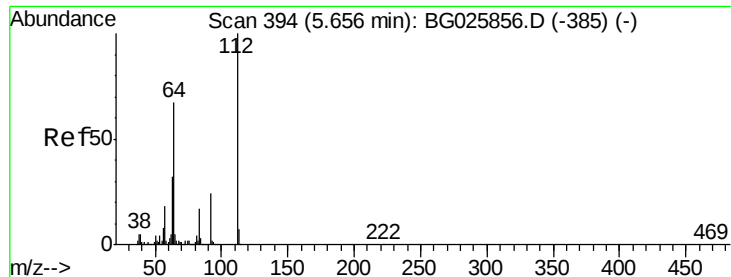
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#4
 n-Nitrosodimethylamine
 Concen: 32.15 ng
 RT: 3.84 min Scan# 86
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion: 42 Resp: 111137
 Ion Ratio Lower Upper
 42 100
 74 183.9 76.7 115.1#
 44 9.4 6.1 9.1#





#5

2-Fluorophenol

Concen: 93.41 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

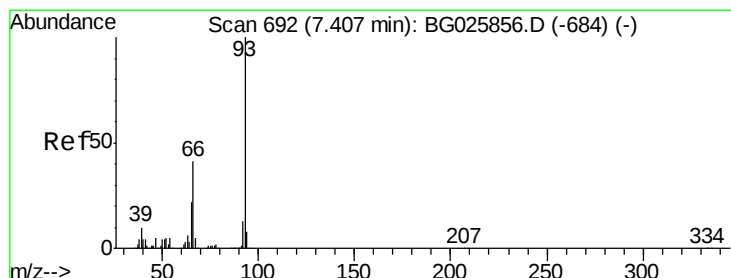
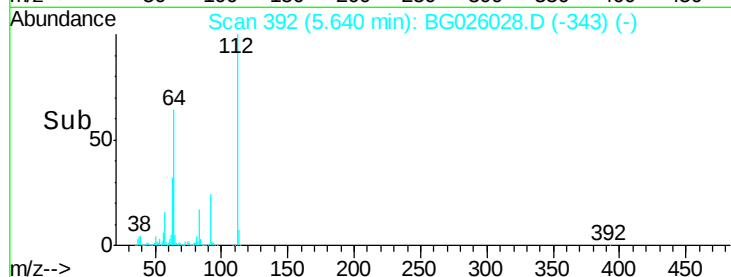
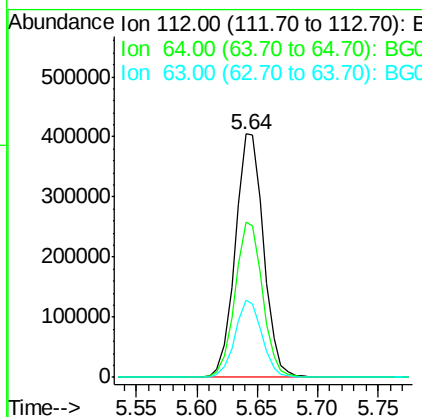
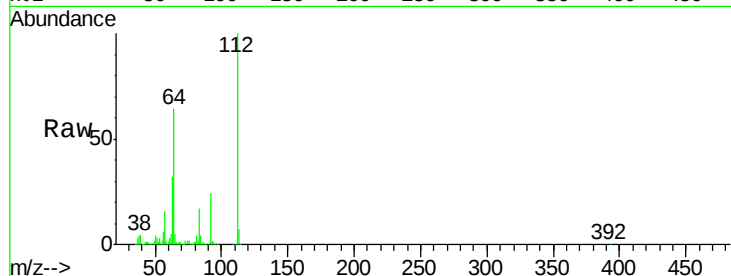
ClientSampleId :

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Tgt Ion:	112	Resp:	659396
Ion Ratio	Lower	Upper	
112	100		
64	63.6	61.8	92.6
63	31.6	37.2	55.8#

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#6

Aniline

Concen: 25.51 ng

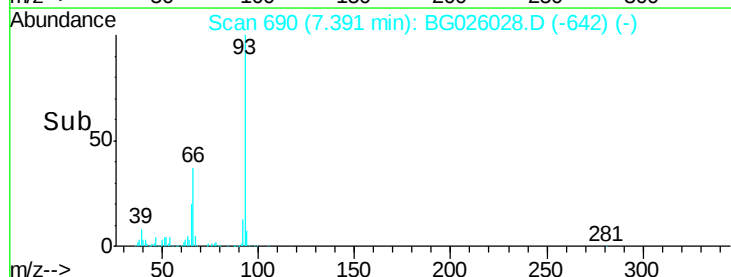
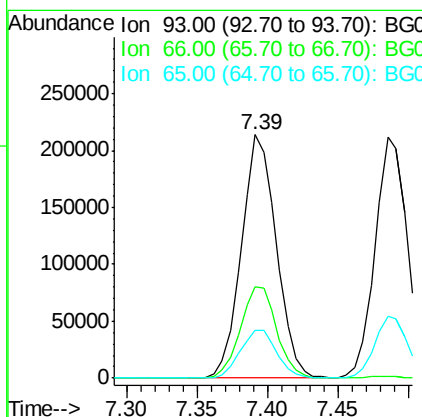
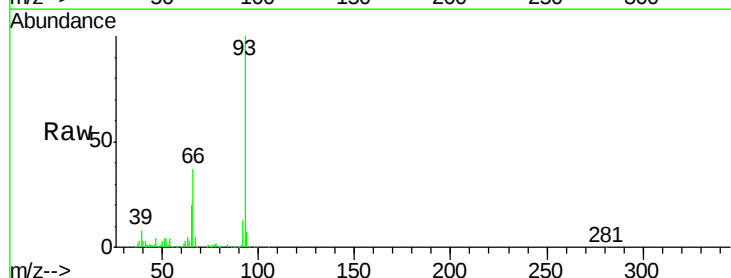
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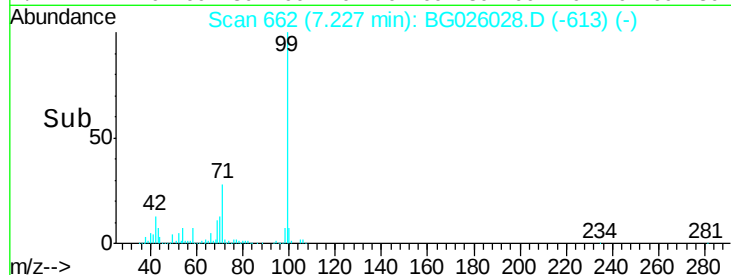
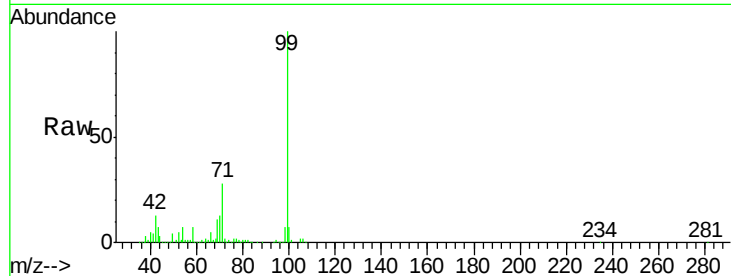
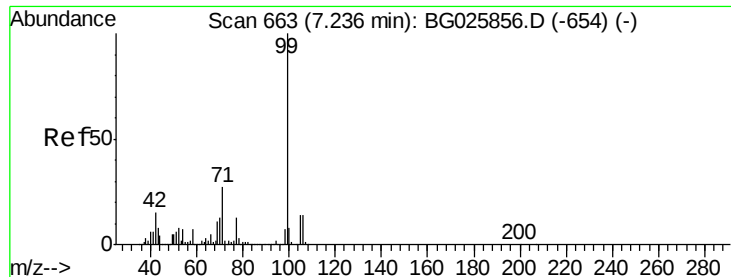
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:	93	Resp:	370415
Ion Ratio	Lower	Upper	
93	100		
66	37.4	35.4	53.2
65	19.7	21.2	31.8#





#7

Phenol-d6

Concen: 81.72 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:	99	Resp:	853618
Ion Ratio	Lower	Upper	
99	100		
42	12.6	20.5	30.7#
71	27.6	37.6	56.4#

Instrument :

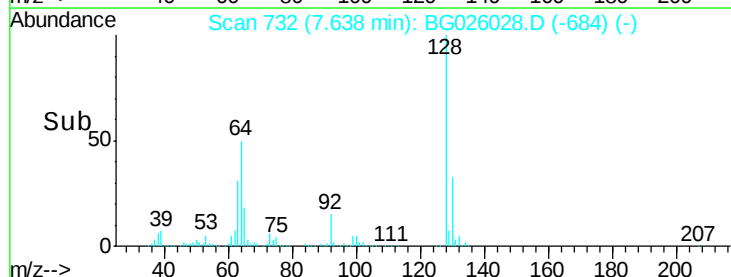
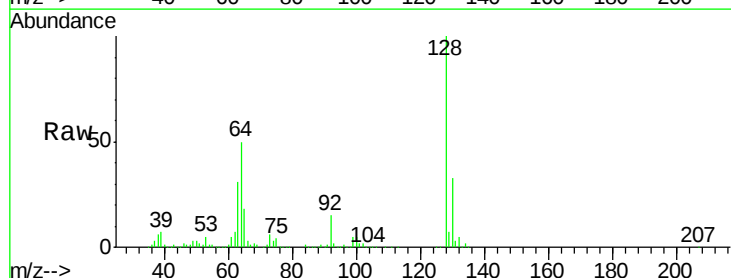
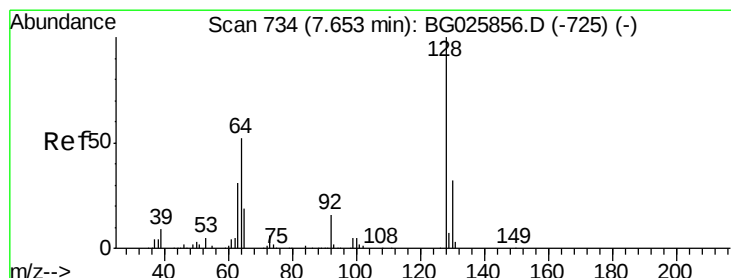
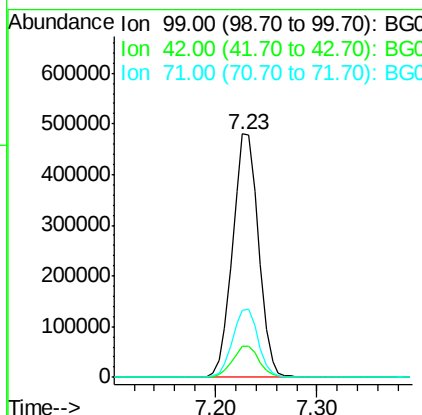
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#8

2-Chlorophenol

Concen: 41.82 ng

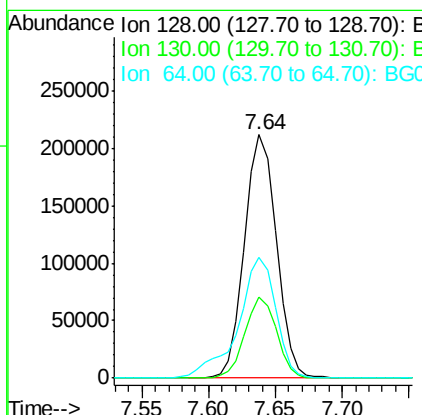
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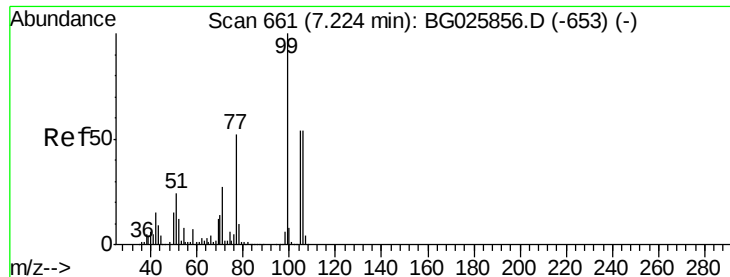
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:	128	Resp:	350875
Ion Ratio	Lower	Upper	
128	100		
130	33.2	11.4	51.4
64	49.7	46.6	86.6





#9

Benzaldehyde

Concen: 14.86 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

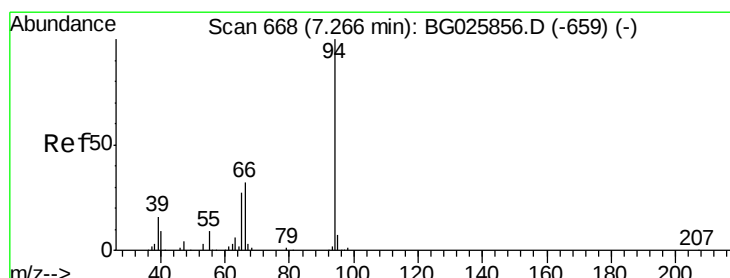
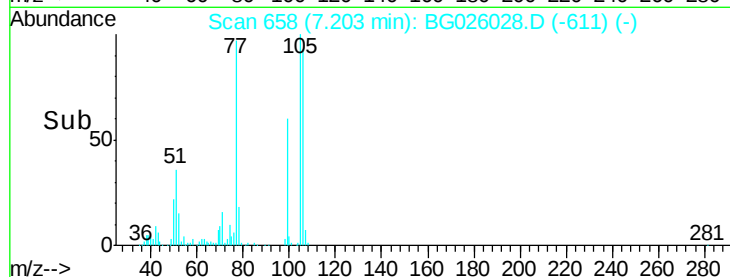
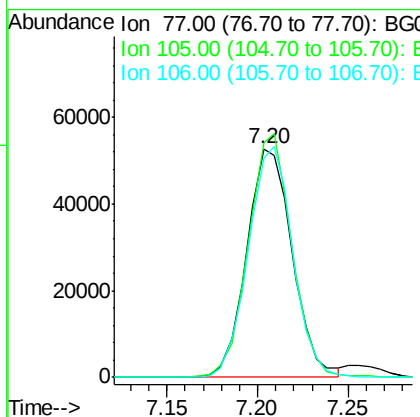
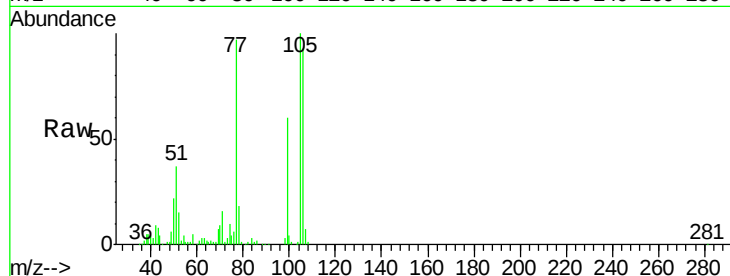
ClientSampleId :

PB97261BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.9	60.9	100.9#
106	96.0	55.1	95.1#

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#10

Phenol

Concen: 39.19 ng

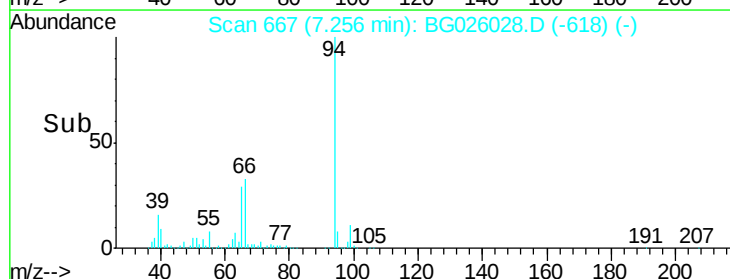
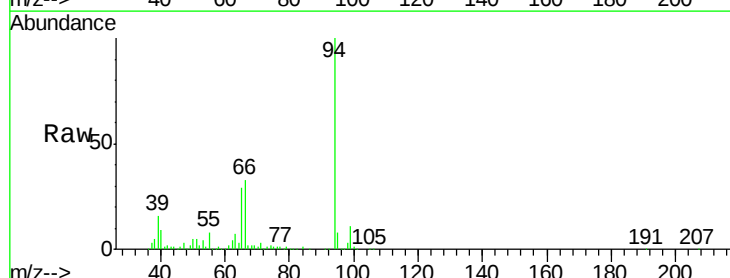
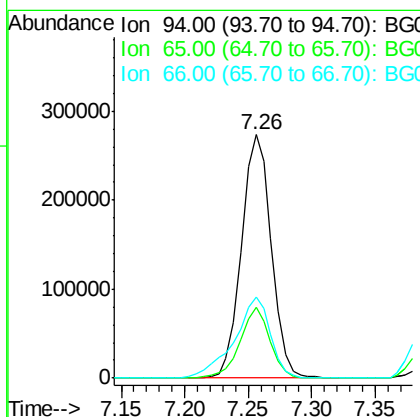
RT: 7.26 min Scan# 667

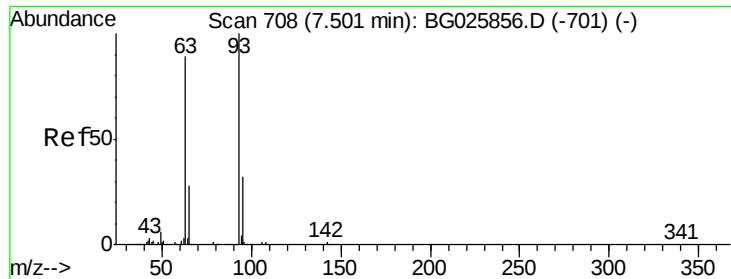
Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	20.6	60.6
66	33.2	35.5	75.5#





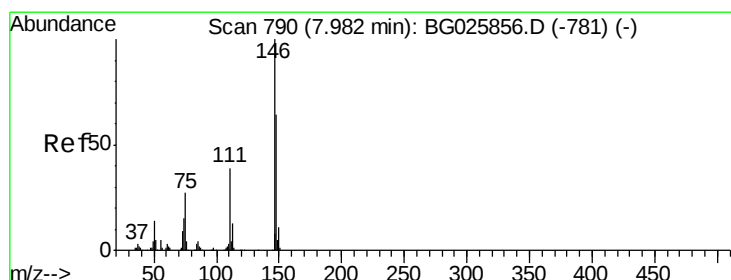
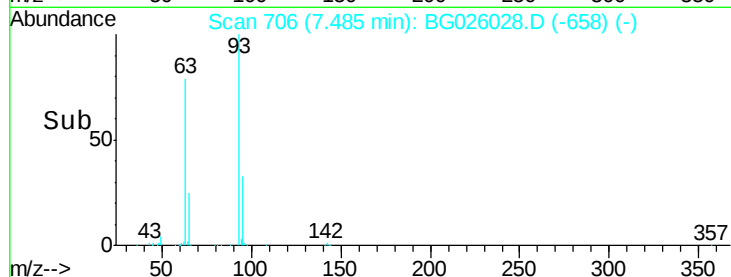
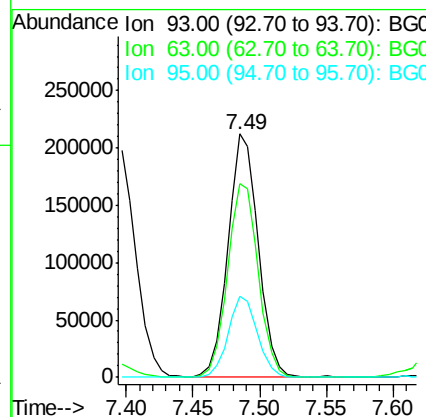
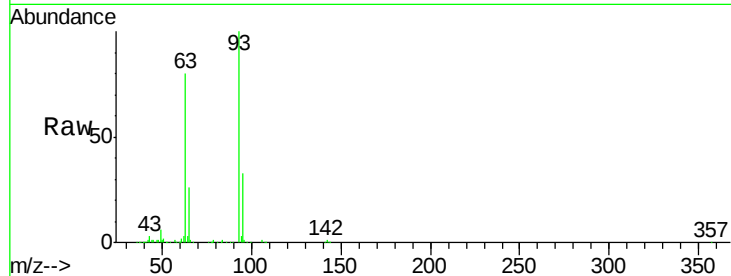
#11
bis(2-Chloroethyl)ether
Concen: 36.07 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	336585		
63	79.5	78.5	118.5	
95	33.3	9.8	49.8	

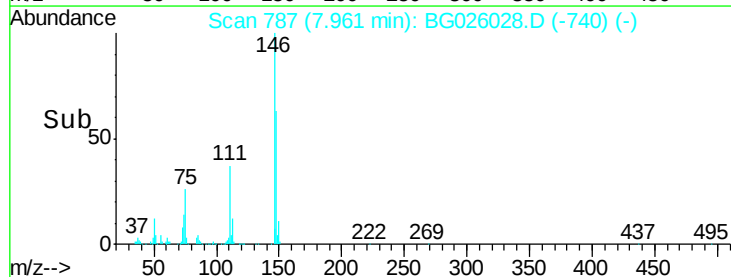
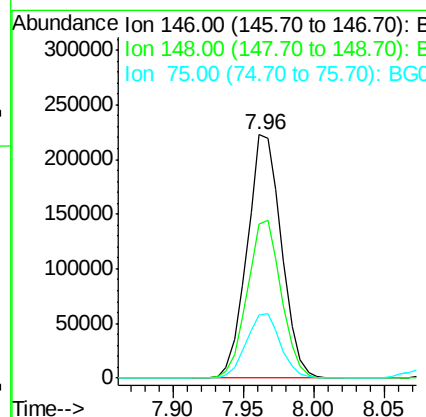
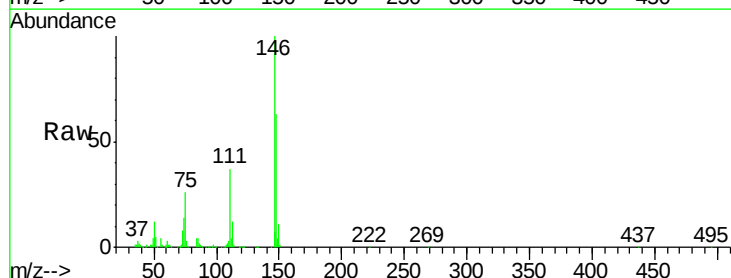
Manual Integrations
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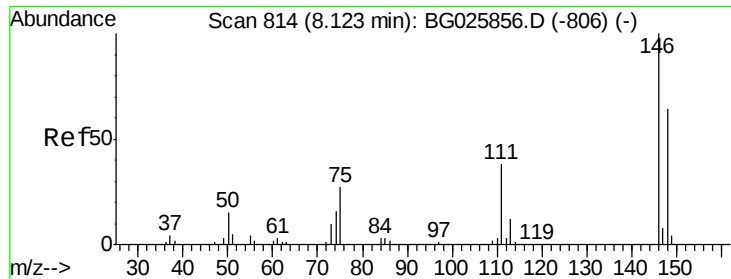
mohammad
3/3/2017 10:56:29 AM



#12
1,3-Dichlorobenzene
Concen: 39.15 ng
RT: 7.96 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	379703		
148	63.3	49.2	73.8	
75	25.8	33.4	50.2	





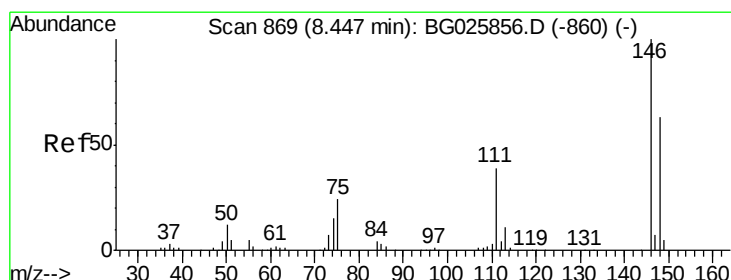
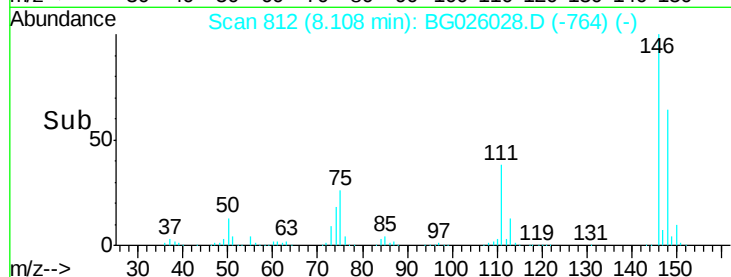
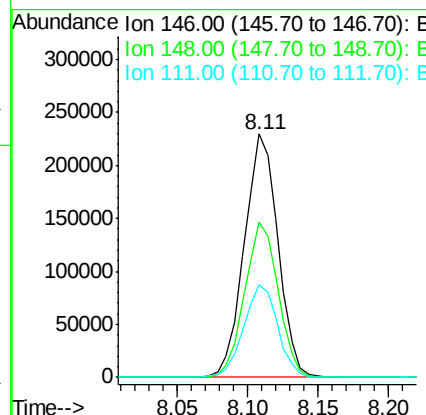
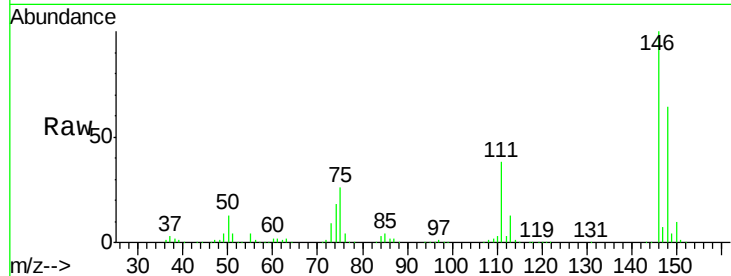
#13
 1,4-Dichlorobenzene
 Concen: 39.02 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	38.0	37.0	55.6

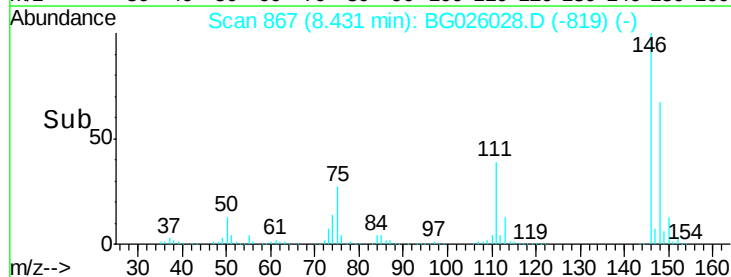
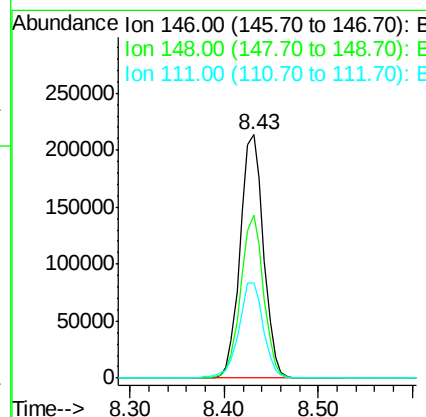
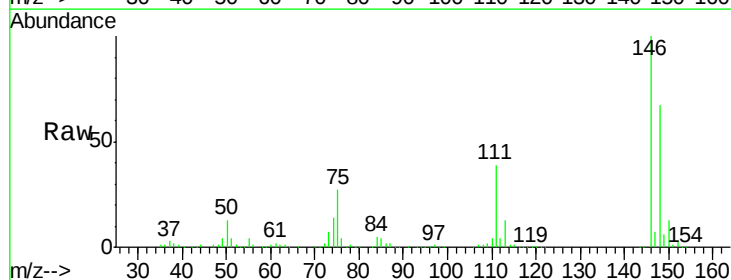
Manual Integrations
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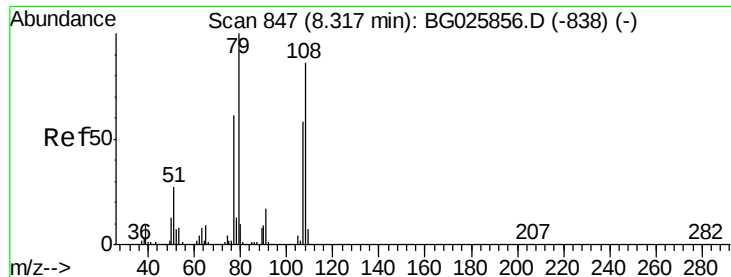
mohammad
 3/3/2017 10:56:29 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.07 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	54.6	81.8
111	39.3	39.7	59.5





#15

Benzyl Alcohol

Concen: 38.24 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

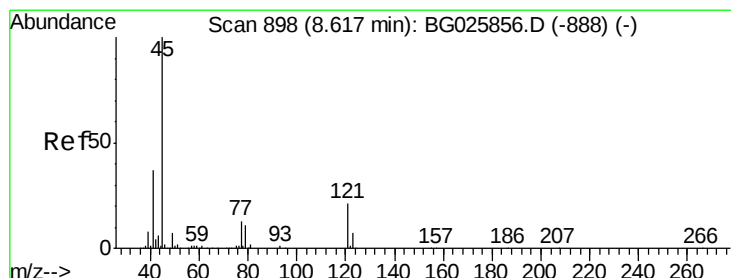
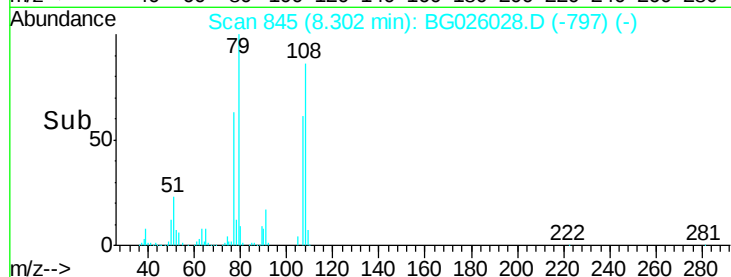
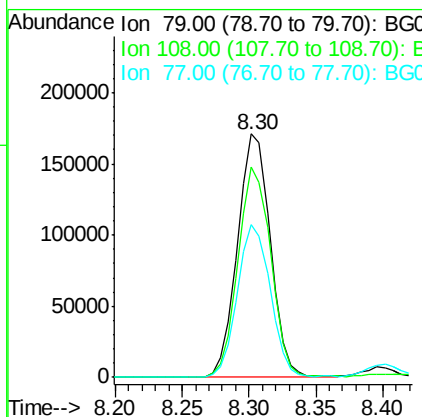
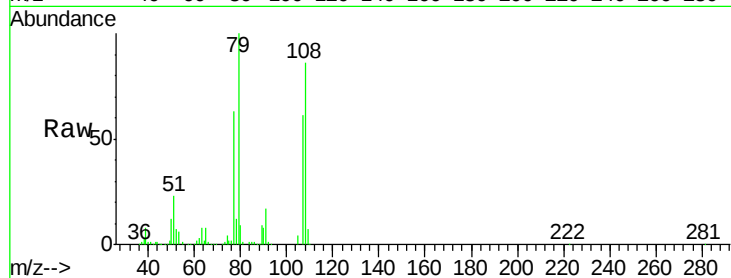
ClientSampleId :

PB97261BS

Tgt Ion:	79	Resp:	292513
Ion Ratio	Lower	Upper	
79	100		
108	86.2	45.5	68.3#
77	62.8	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.55 ng

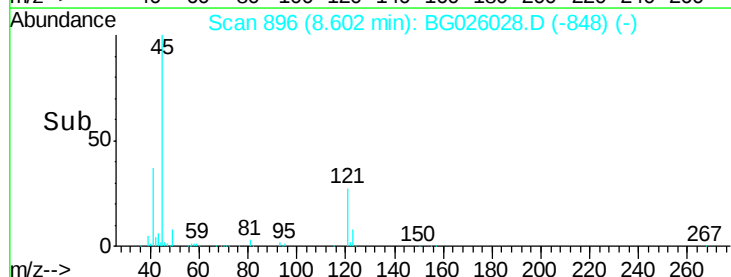
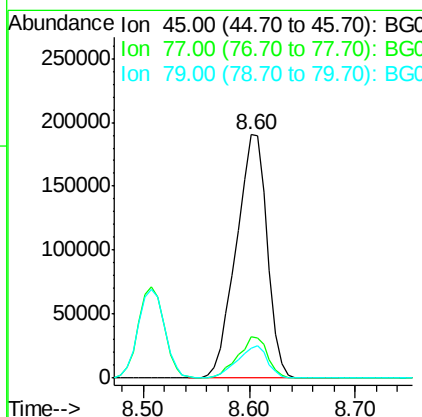
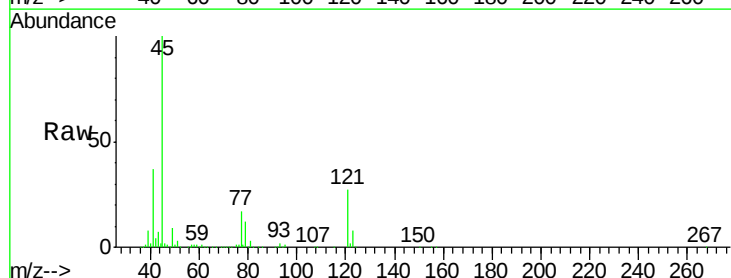
RT: 8.60 min Scan# 896

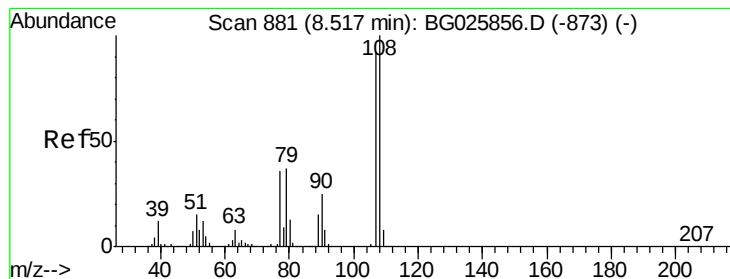
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

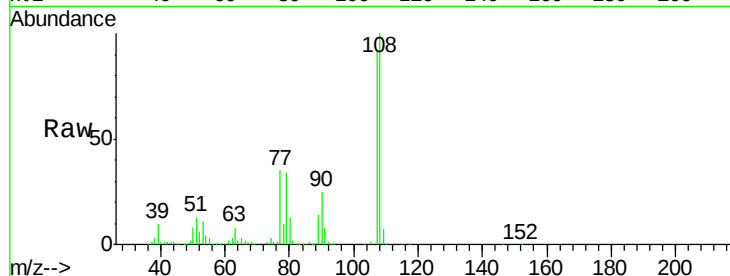
Tgt Ion:	45	Resp:	386596
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	30.6
79	12.2	0.0	28.5





#17
2-Methylphenol
Concen: 37.79 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

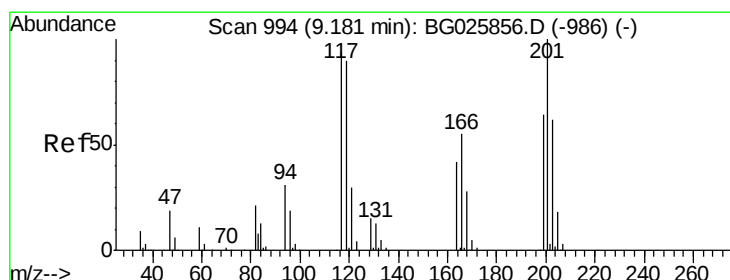
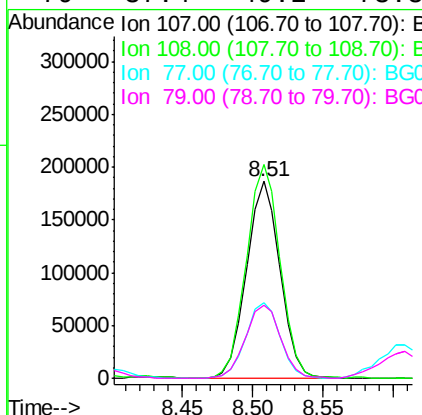
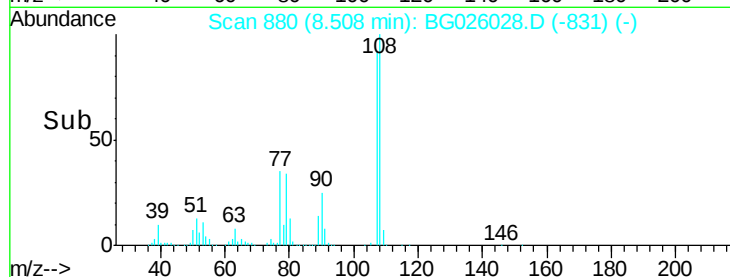
Instrument :
BNA_G
ClientSampleId :
PB97261BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	108.6	85.6	128.4
77	38.5	51.4	77.2#
79	37.4	49.2	73.8#

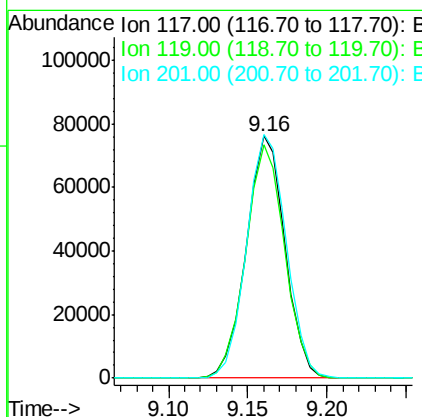
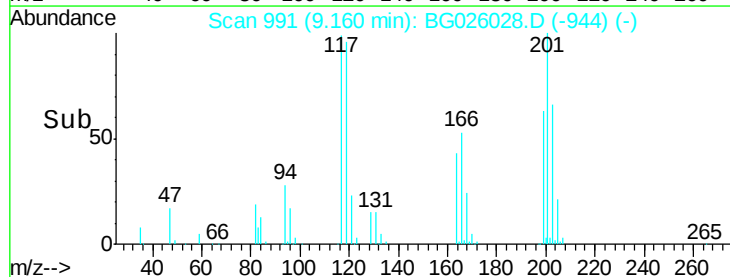
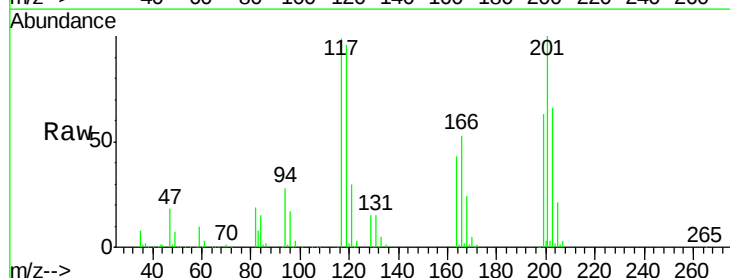
Manual Integrations
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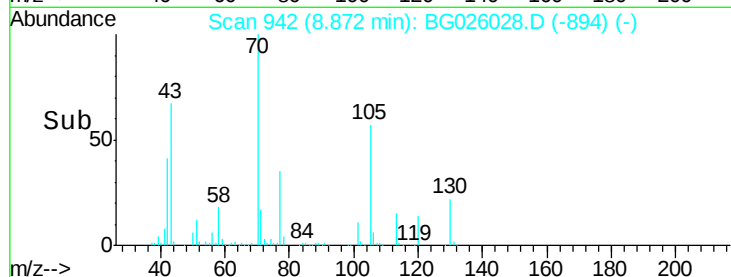
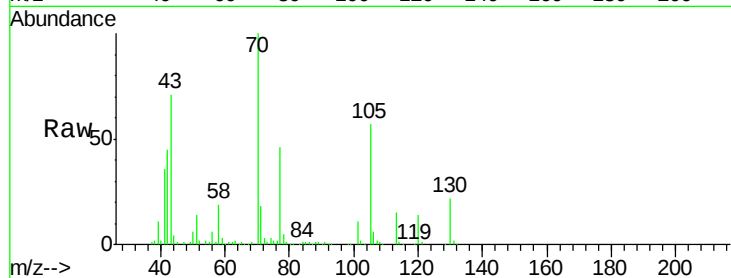
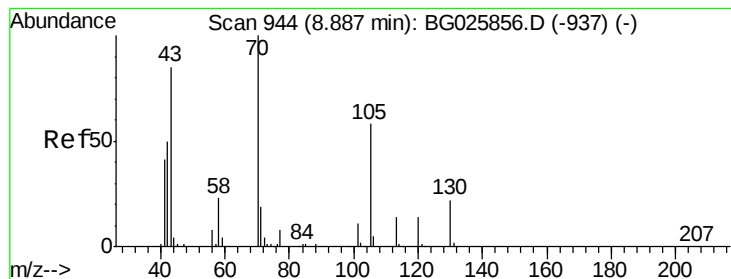
mohammad
3/3/2017 10:56:29 AM



#18
Hexachloroethane
Concen: 39.55 ng
RT: 9.16 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.4	69.8	104.6
201	100.6	95.4	143.0





#19

n-Nitroso-di-n-propylamine

Concen: 34.06 ng

RT: 8.87 min Scan# 942

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion: 70 Resp: 259829

Ion Ratio Lower Upper

70 100

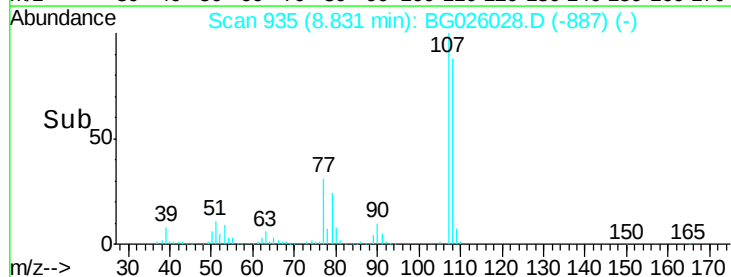
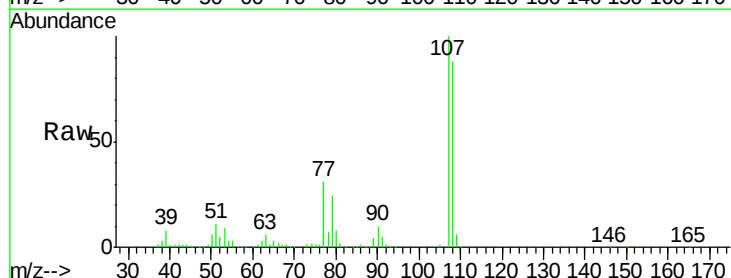
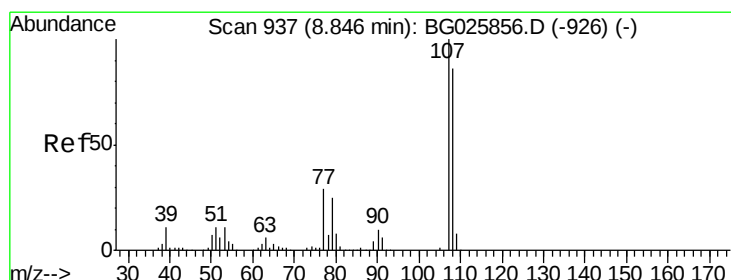
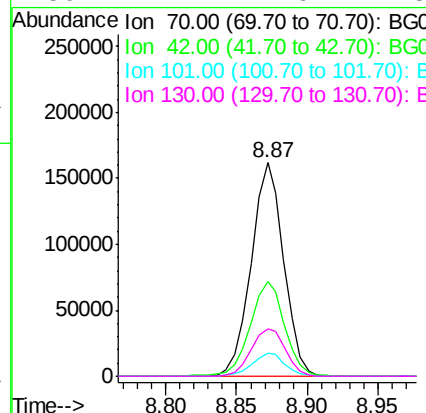
42 44.6 56.1 84.1#

101 10.8 7.5 11.3

130 22.4 14.6 21.8#

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#20

3+4-Methylphenols

Concen: 36.07 ng

RT: 8.83 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion: 107 Resp: 420197

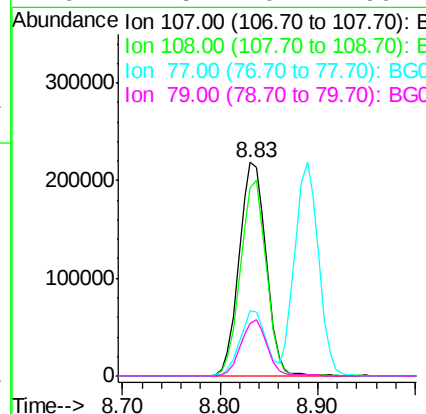
Ion Ratio Lower Upper

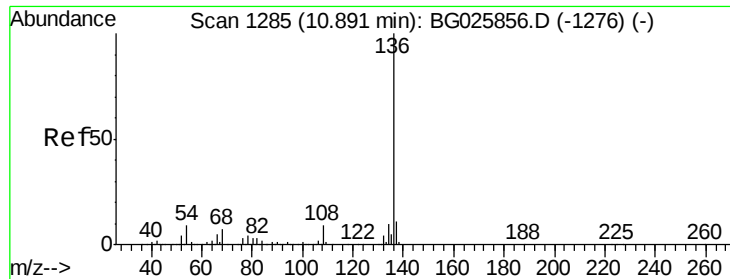
107 100

108 88.0 70.8 110.8

77 30.9 25.8 65.8

79 24.5 20.1 60.1





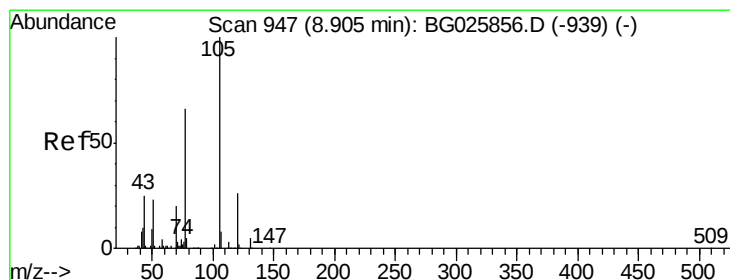
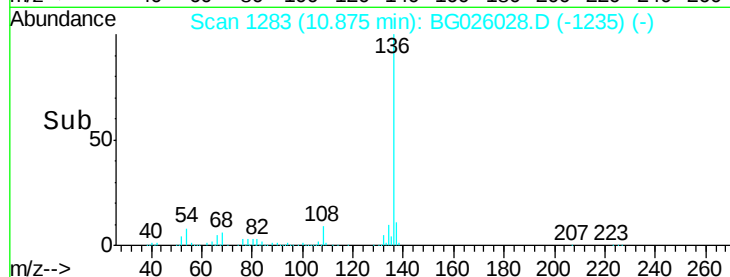
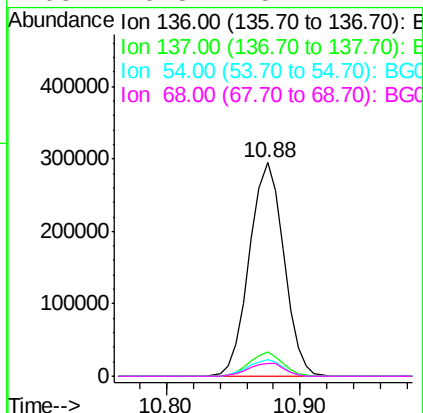
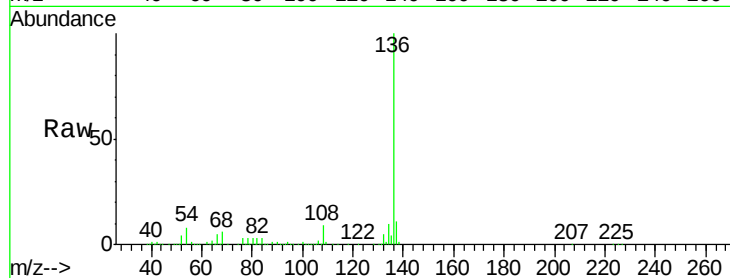
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	525311		
137	11.4	8.9	13.3	
54	7.6	9.3	13.9	
68	6.3	5.1	7.7	

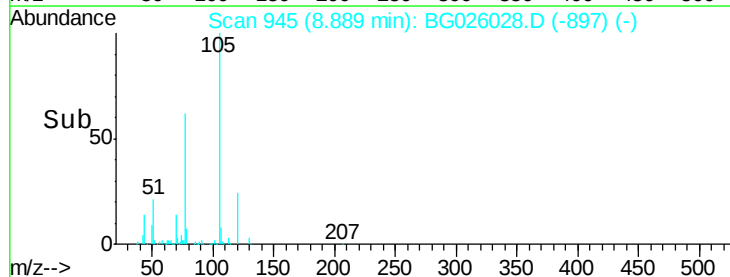
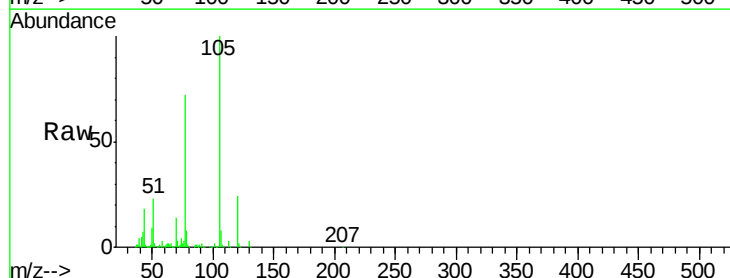
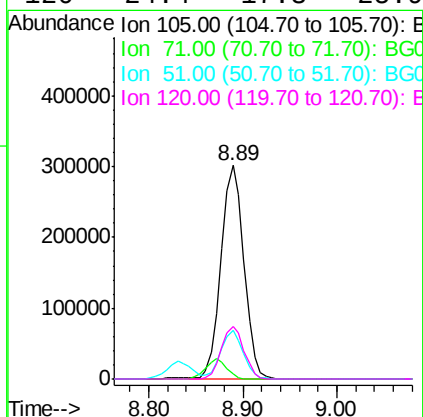
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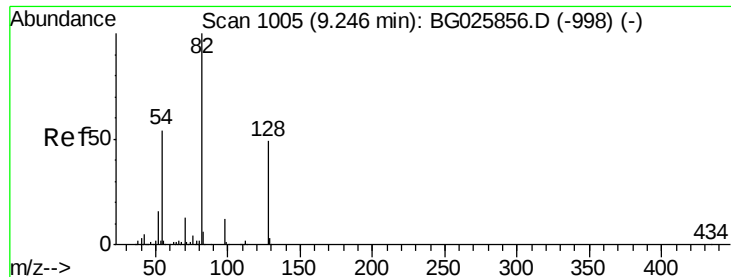
mohammad
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#22
Acetophenone
Concen: 40.60 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	511774		
71	2.6	0.9	1.3	
51	22.7	34.0	51.0	
120	24.4	17.3	25.9	





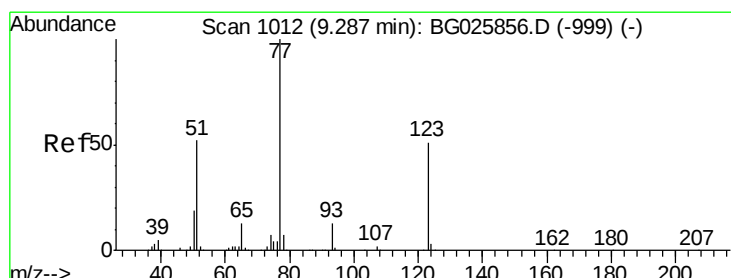
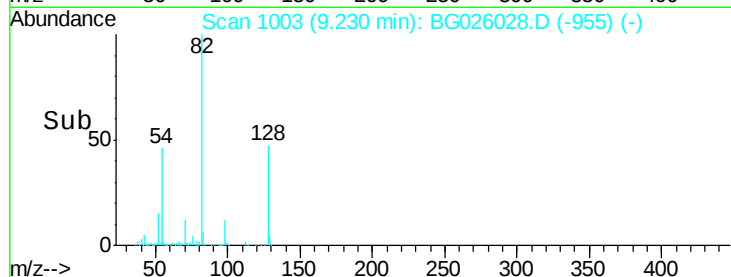
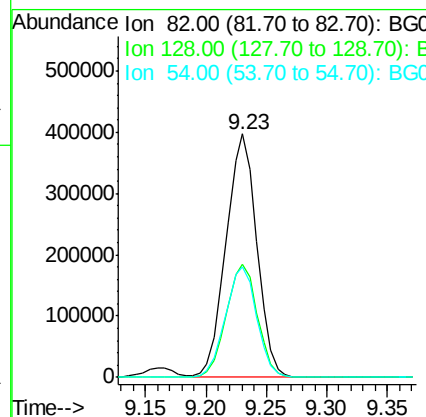
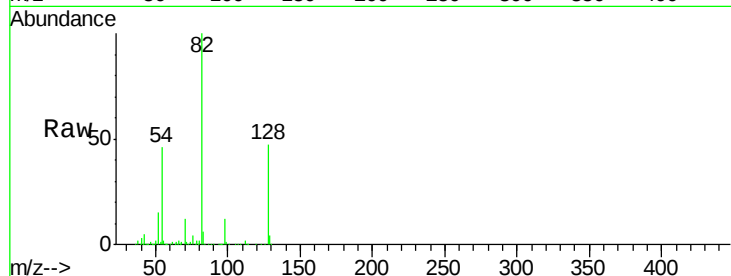
#23
 Nitrobenzene-d5
 Concen: 84.08 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	26.4	39.6#
54	45.5	49.4	74.2#

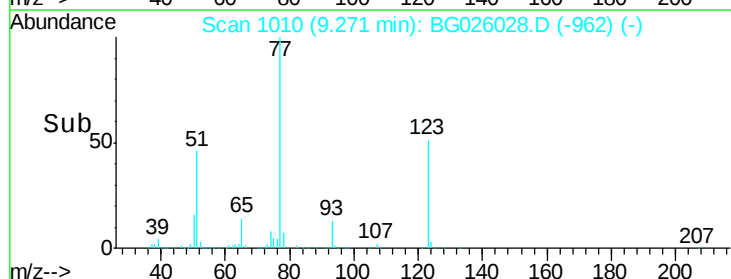
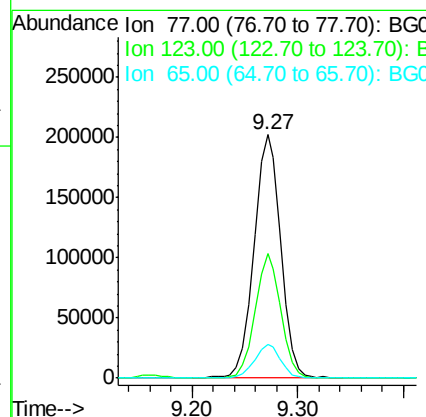
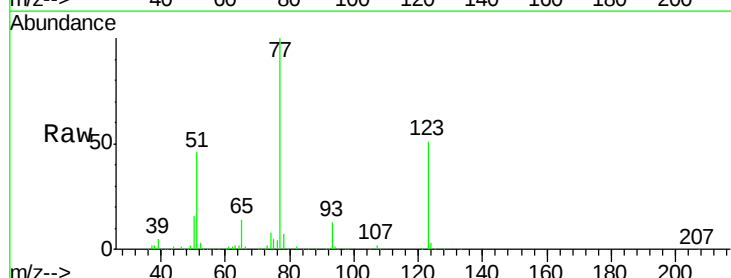
Manual Integrations
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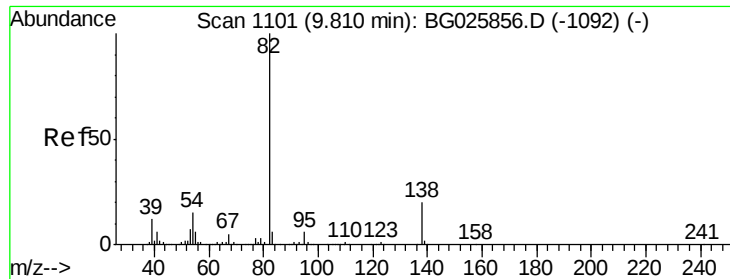
mohammad
 3/3/2017 10:56:29 AM



#24
 Nitrobenzene
 Concen: 39.43 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	26.1	39.1#
65	14.0	12.4	18.6





#25

Isophorone

Concen: 39.52 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion: 82 Resp: 723938

Ion Ratio Lower Upper

82 100

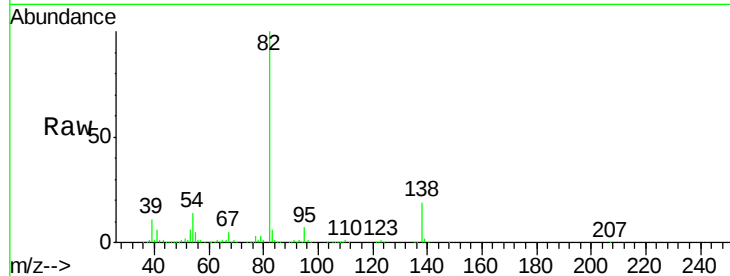
95 6.5 7.5 11.3#

138 19.3 12.3 18.5#

Manual Integrations
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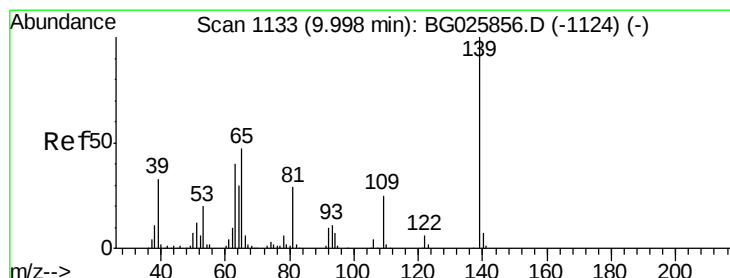
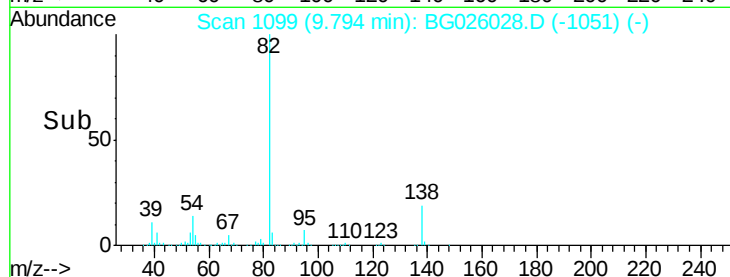
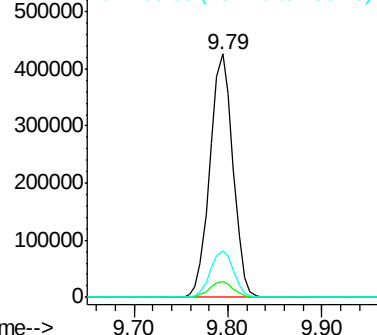
3/3/2017 10:56:29 AM



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.99 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

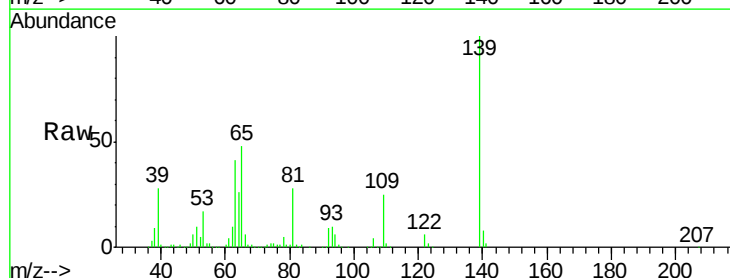
Tgt Ion: 139 Resp: 185159

Ion Ratio Lower Upper

139 100

109 24.6 38.6 58.0#

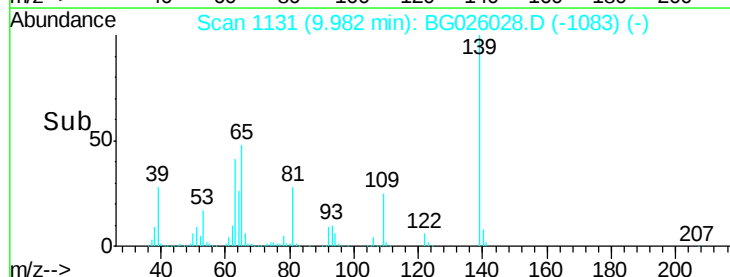
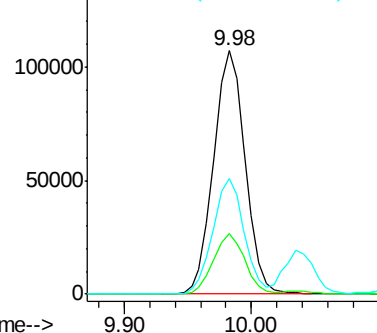
65 47.7 57.1 85.7#

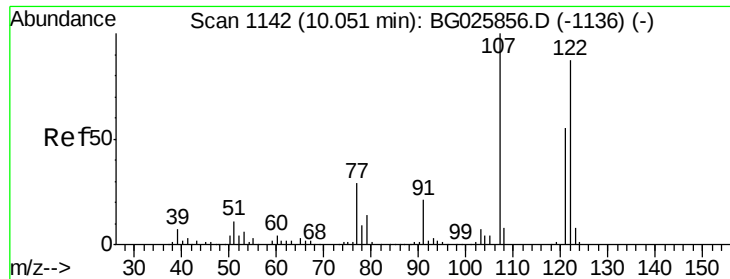


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





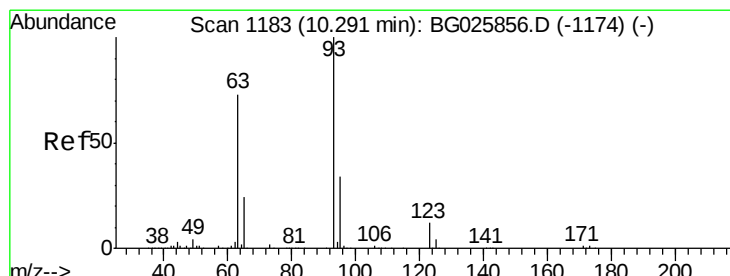
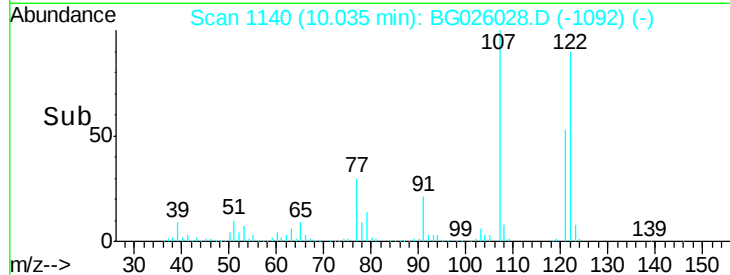
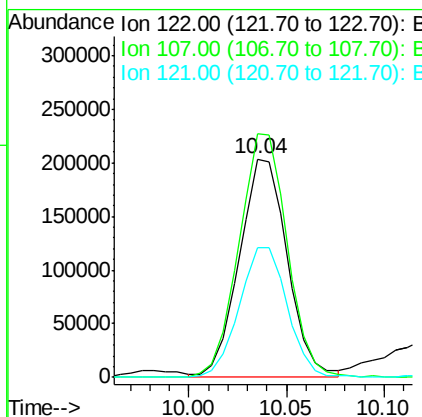
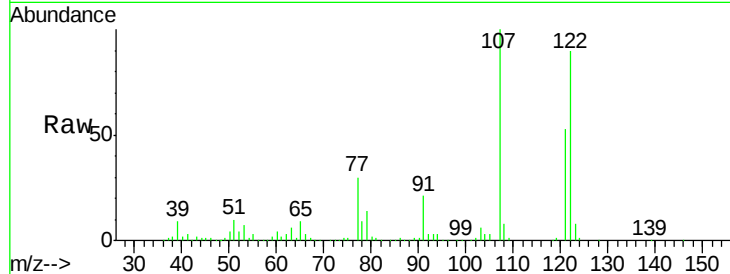
#27
 2,4-Dimethylphenol
 Concen: 44.10 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.4	104.2	156.4
121	59.5	46.0	69.0

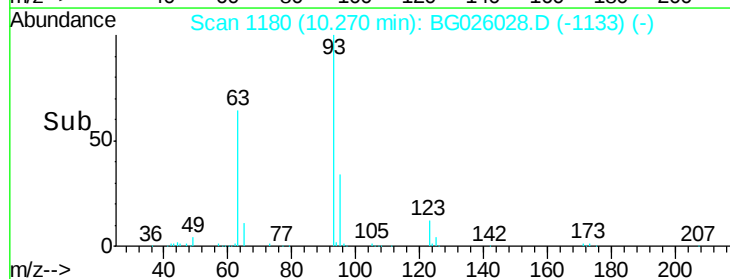
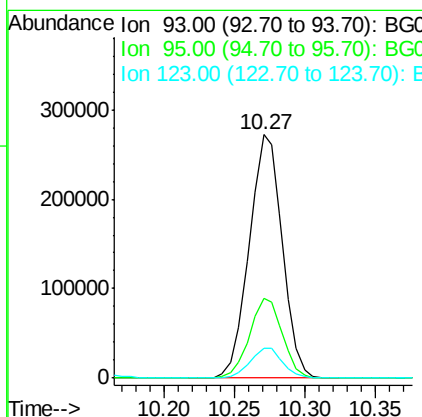
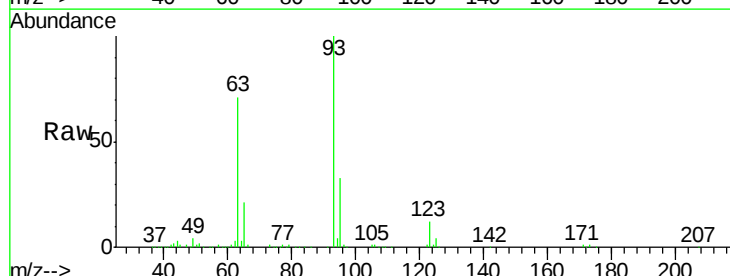
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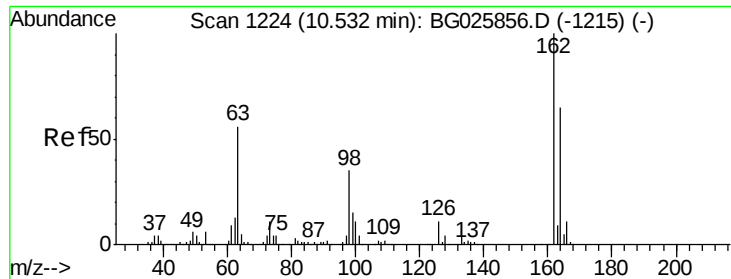
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.58 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.7	38.5
123	12.2	8.3	12.5





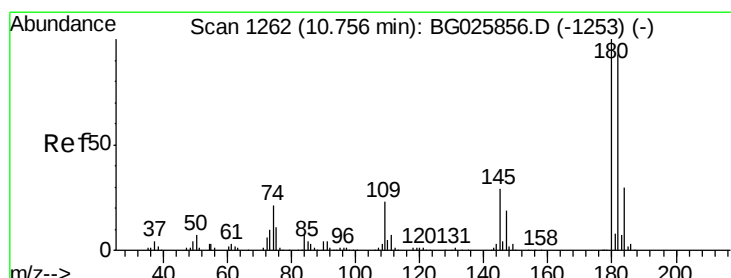
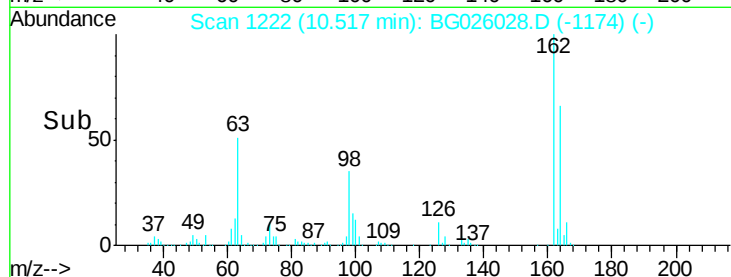
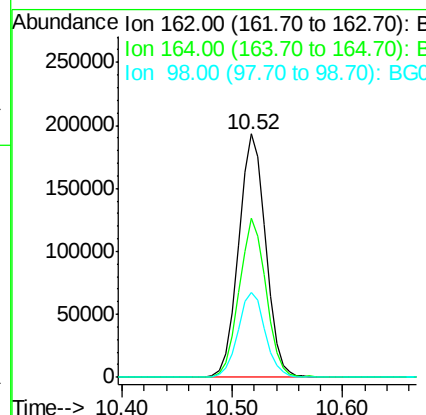
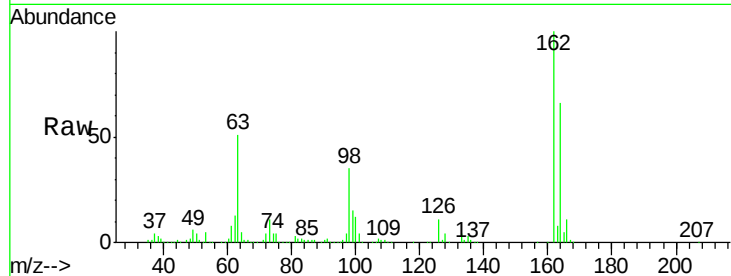
#29
2,4-Dichlorophenol
Concen: 44.49 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleID :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	333574		
164	65.5	42.4	82.4	
98	34.7	20.3	60.3	

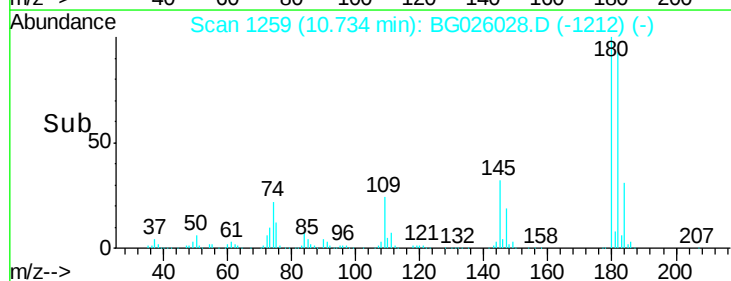
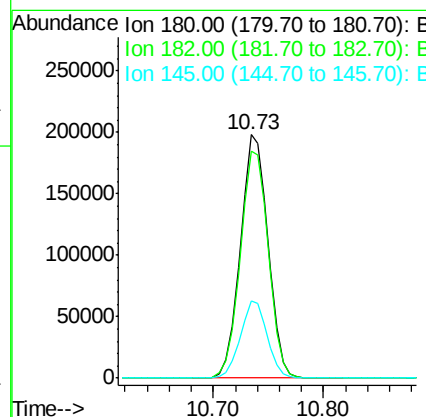
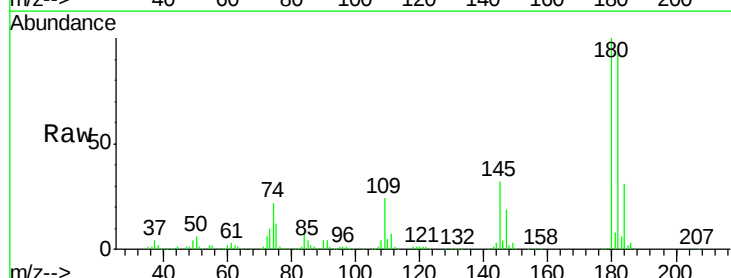
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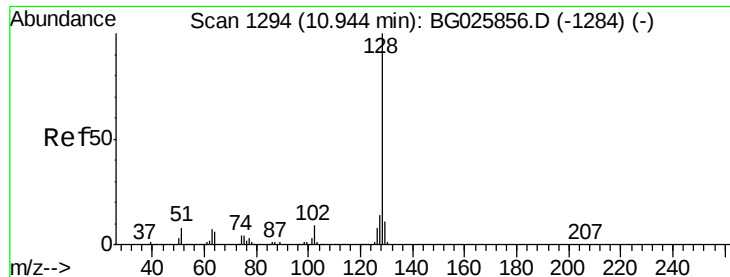
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#30
1,2,4-Trichlorobenzene
Concen: 42.60 ng
RT: 10.73 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347377		
182	93.3	77.0	115.4	
145	31.8	23.4	35.0	





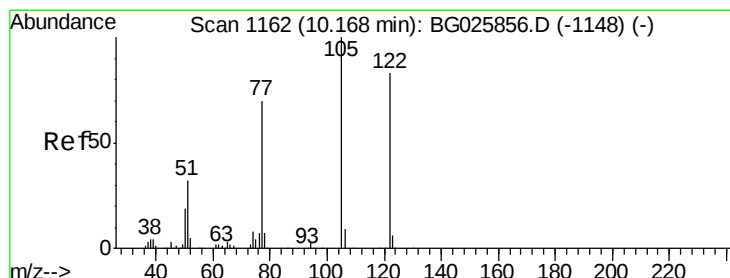
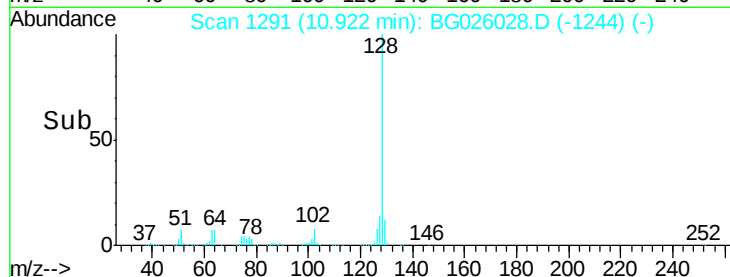
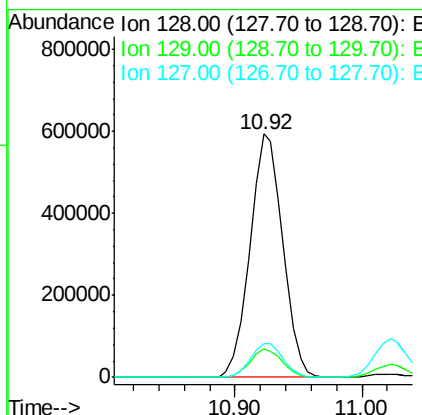
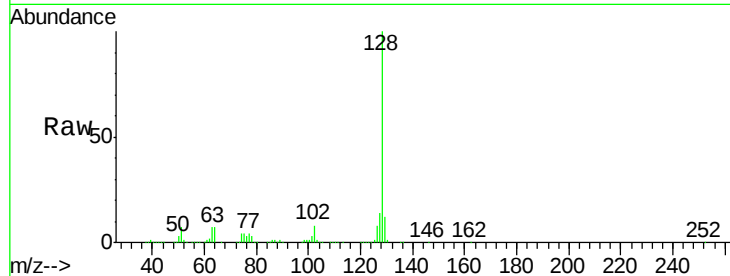
#31
Naphthalene
Concen: 39.21 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.0	11.4	17.0

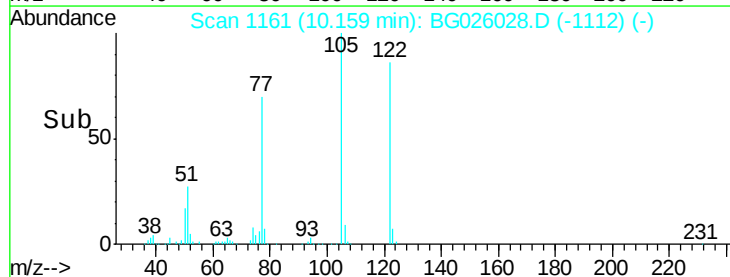
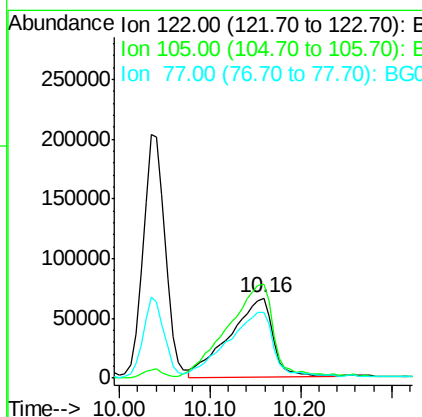
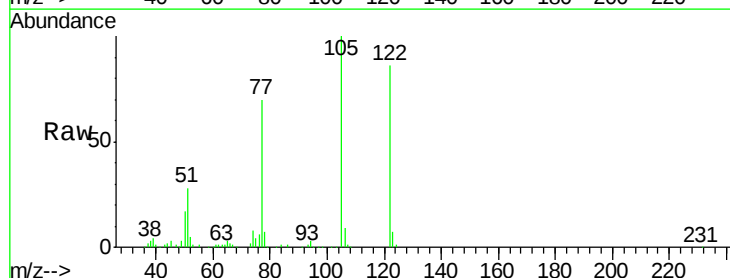
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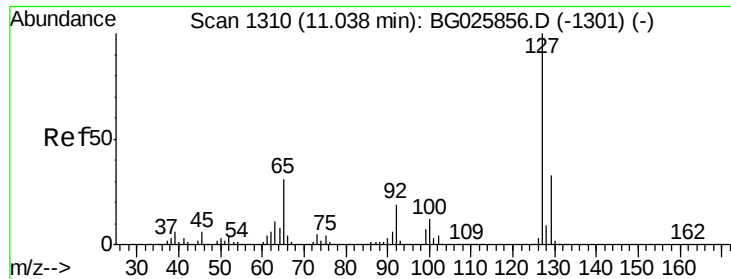
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#32
Benzoic acid
Concen: 36.69 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.4	120.1	160.1#
77	81.2	104.6	144.6#





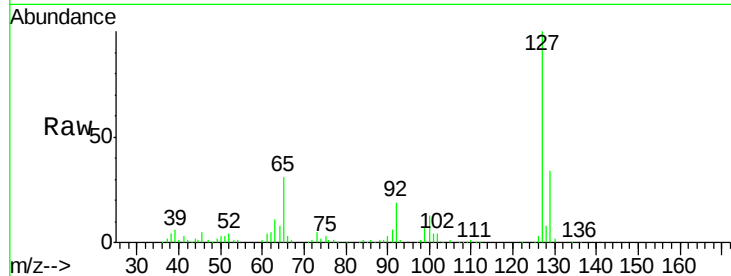
#33
4-Chloroaniline
Concen: 14.83 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

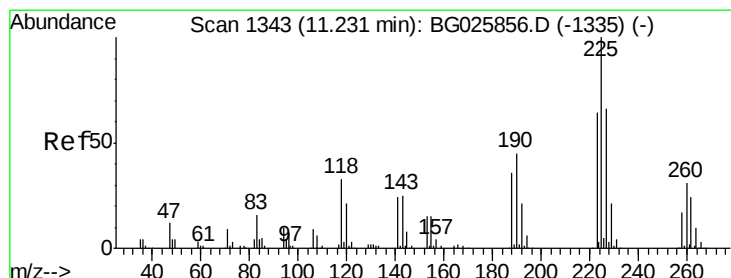
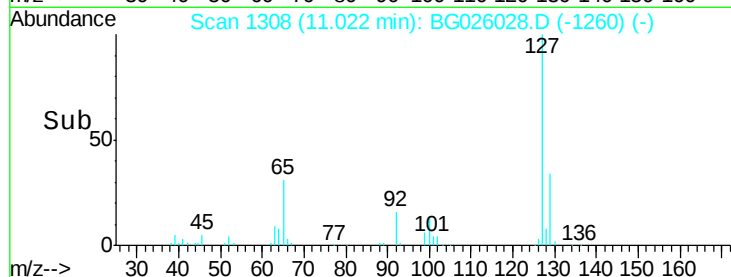
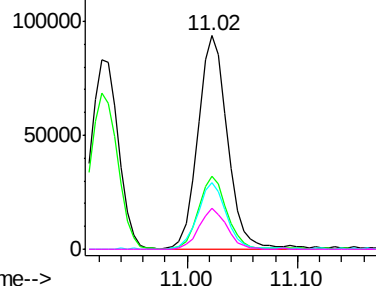
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	174972		
129	34.0	23.6	35.4	
65	31.0	37.7	56.5	
92	18.9	17.6	26.4	

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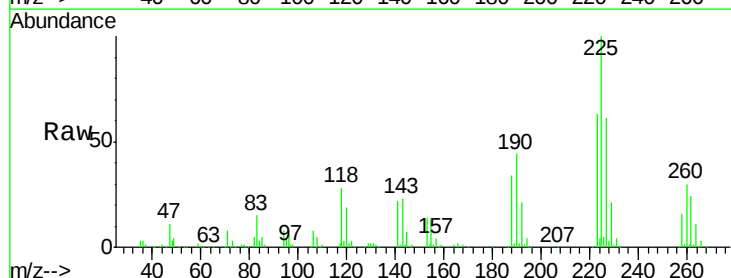


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

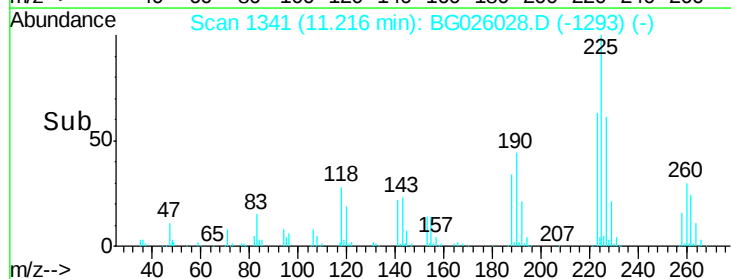
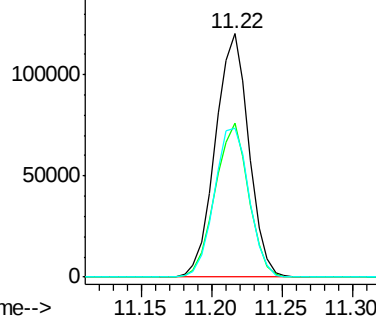


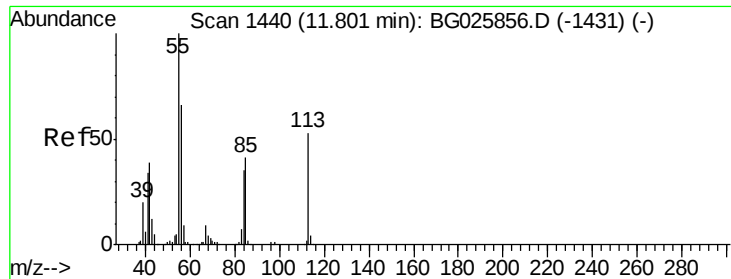
#34
Hexachlorobutadiene
Concen: 43.03 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199691		
223	63.2	50.7	76.1	
227	61.4	49.0	73.6	



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: 45.17 ng m

RT: 11.78 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion:113 Resp: 136765

Ion Ratio Lower Upper

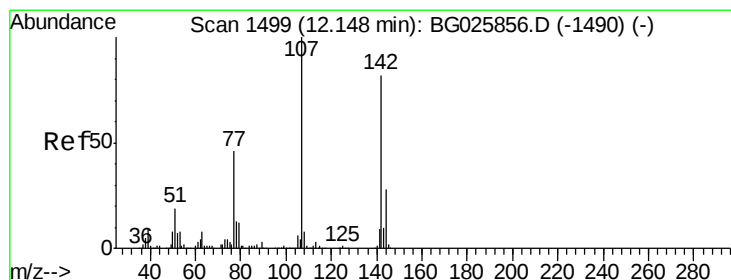
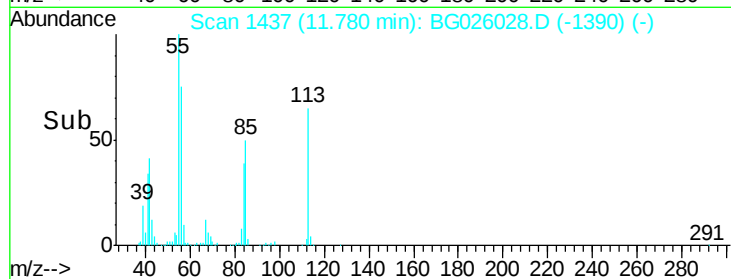
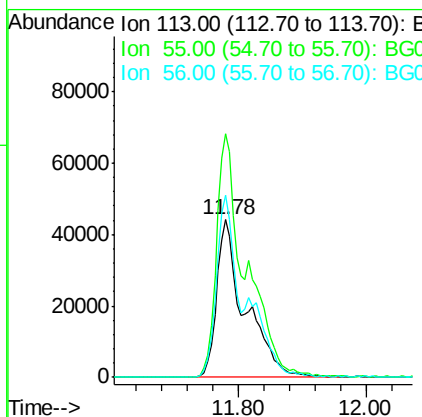
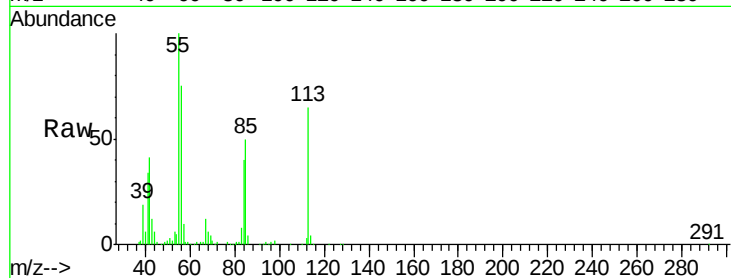
113 100

55 154.7 198.6 238.6#

56 116.0 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 41.01 ng

RT: 12.14 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

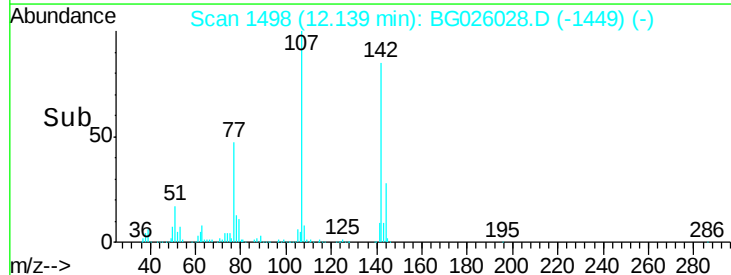
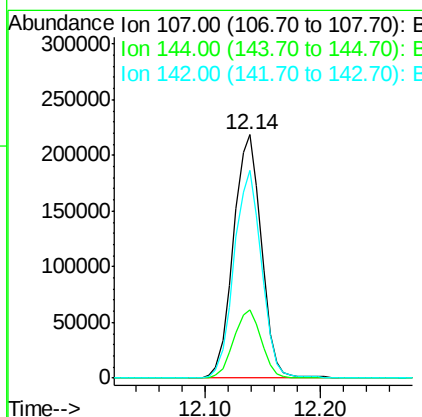
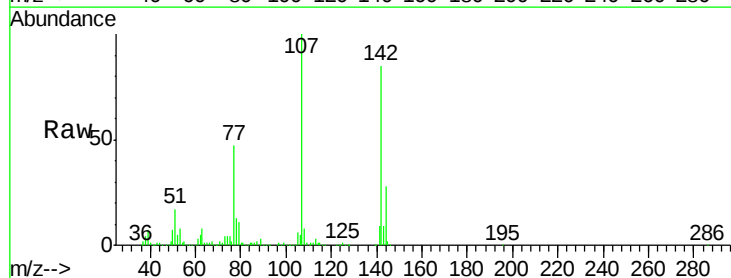
Tgt Ion:107 Resp: 367888

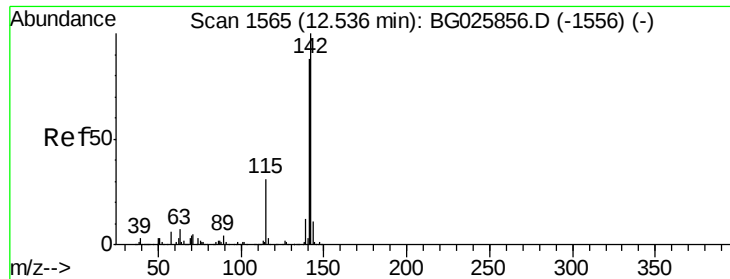
Ion Ratio Lower Upper

107 100

144 28.2 17.4 26.0#

142 85.1 54.1 81.1#





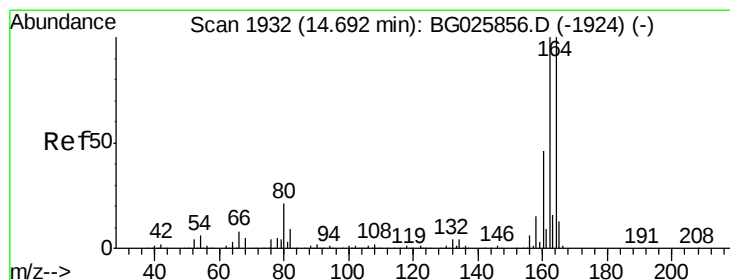
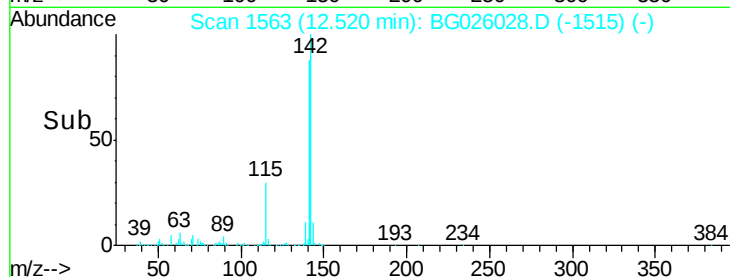
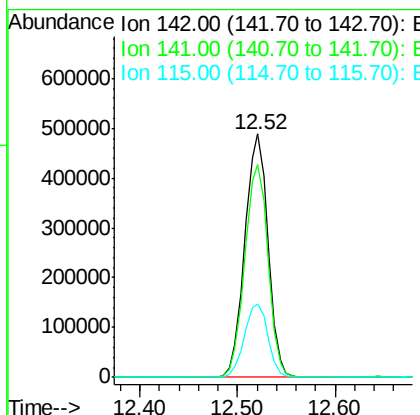
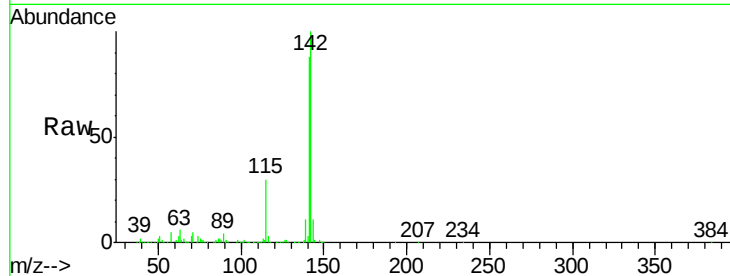
#37
 2-Methylnaphthalene
 Concen: 39.26 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	30.3	35.5	53.3

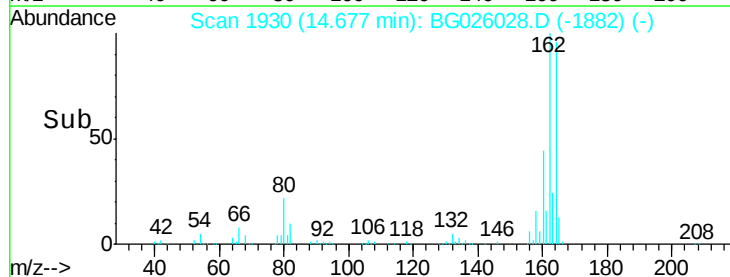
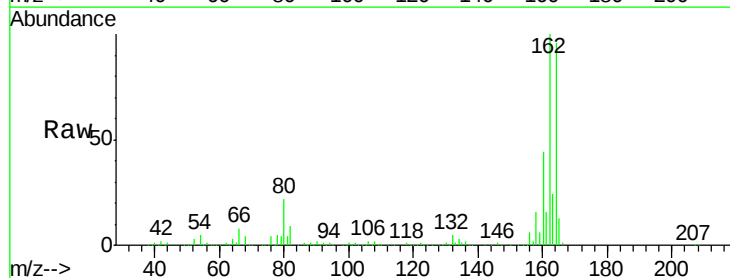
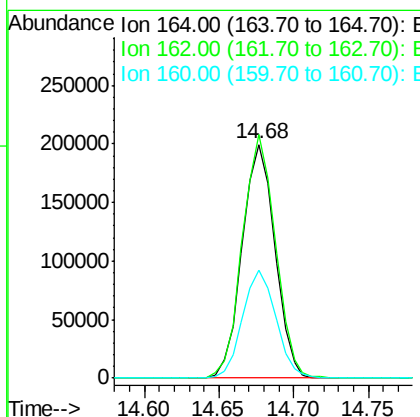
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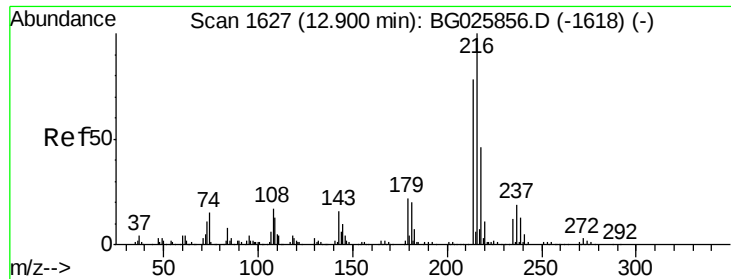
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	46.1	34.7	52.1





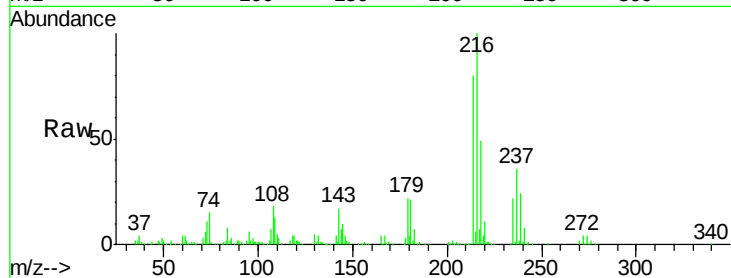
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.00 ng
 RT: 12.88 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

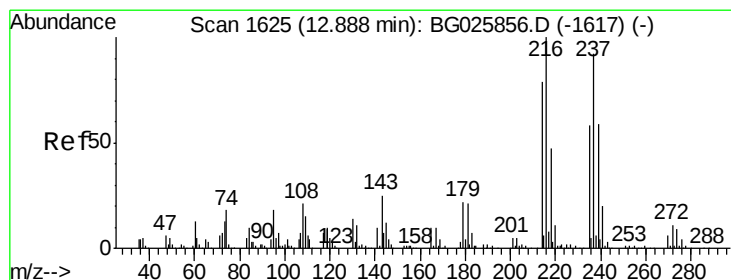
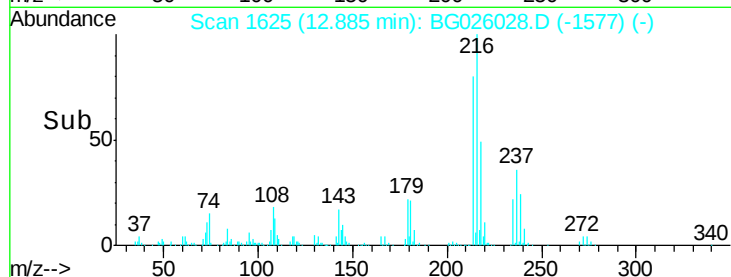
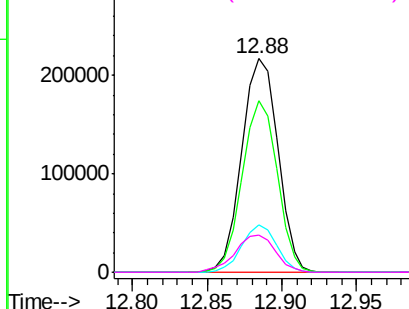
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	364991		
214	77.7	64.4	96.6	
179	21.3	17.4	26.0	
108	19.6	15.6	23.4	

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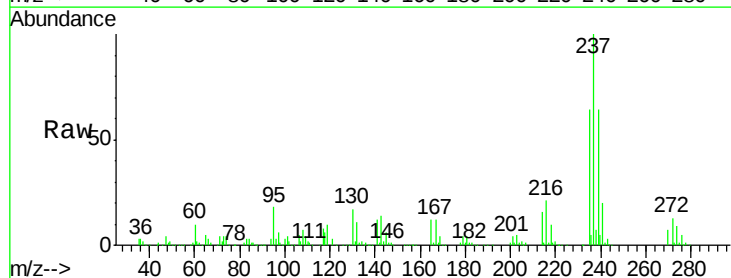


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

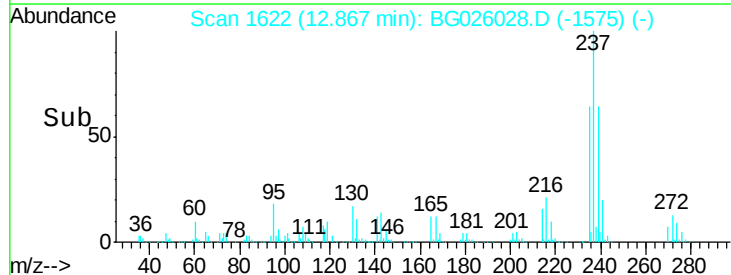
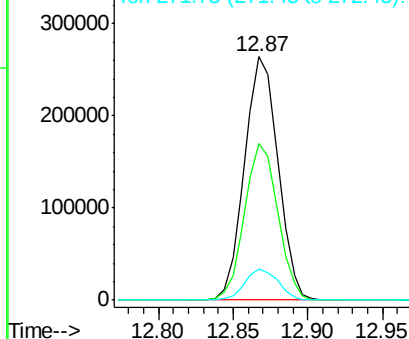


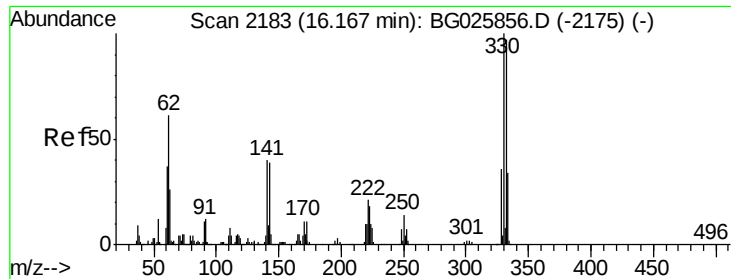
#40
 Hexachlorocyclopentadiene
 Concen: 98.41 ng
 RT: 12.87 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	409437		
235	64.2	39.4	79.4	
272	12.7	0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 110.49 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

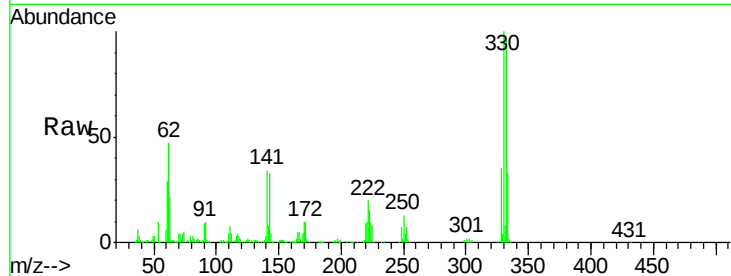
ClientSampled :

PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	309675		
332	96.0	77.3	115.9	
141	37.0	32.1	48.1	

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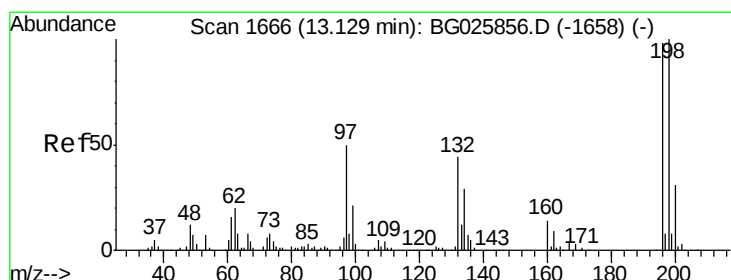
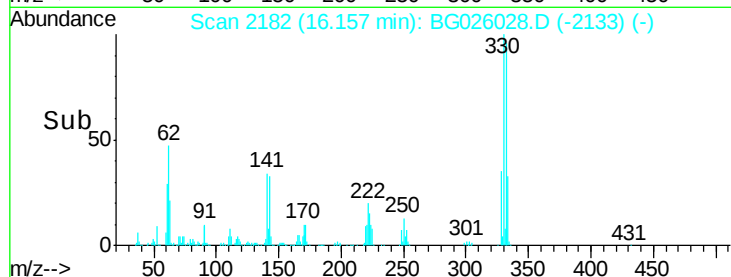
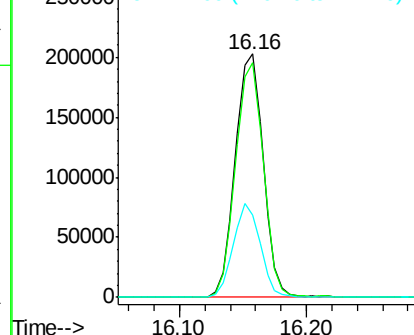


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 54.12 ng

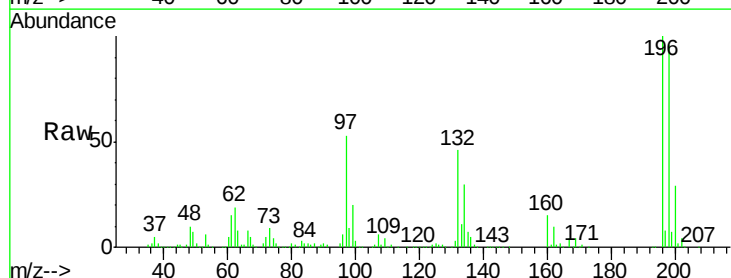
RT: 13.11 min Scan# 1664

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265784		
198	96.0	81.4	122.2	
200	29.2	27.0	40.6	

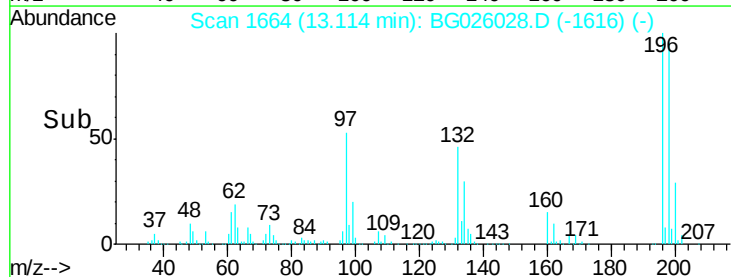
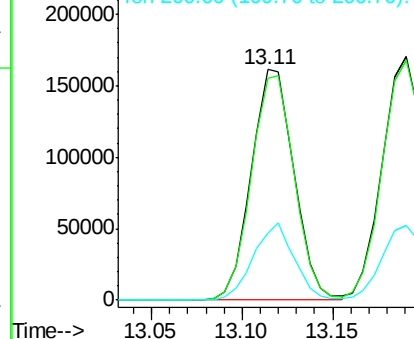


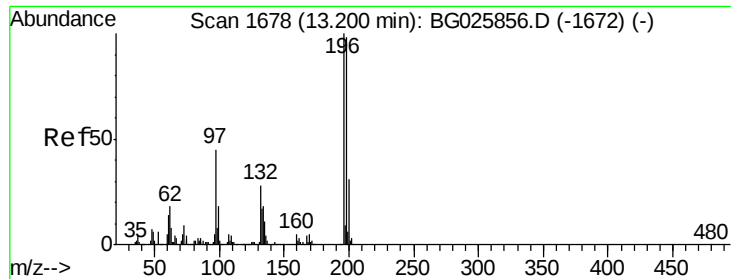
Abundance

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





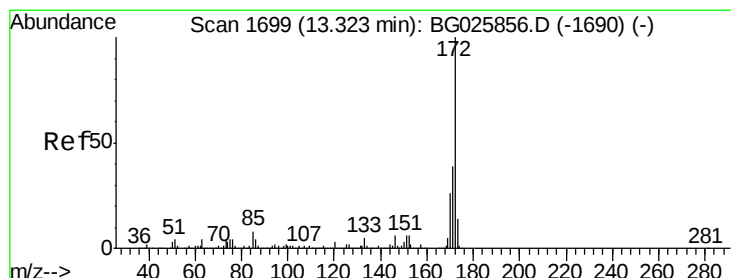
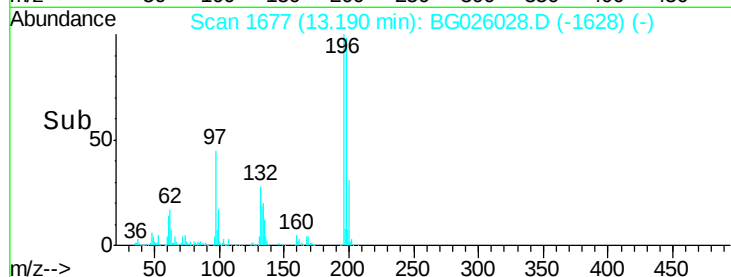
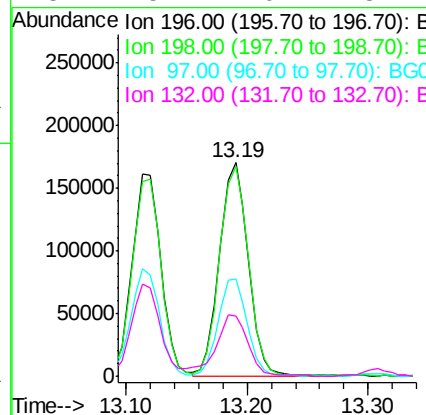
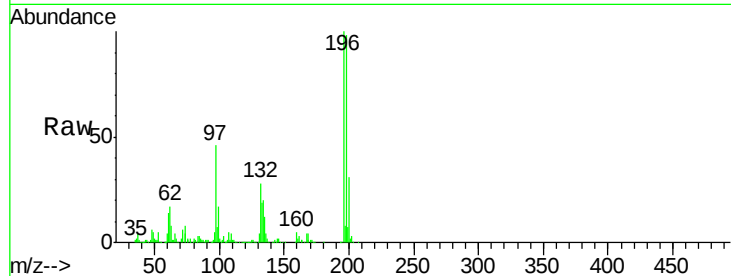
#43
2,4,5-Trichlorophenol
Concen: 50.02 ng
RT: 13.19 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278844		
198	98.5	79.9	119.9	
97	45.6	45.4	68.0	
132	28.2	20.7	31.1	

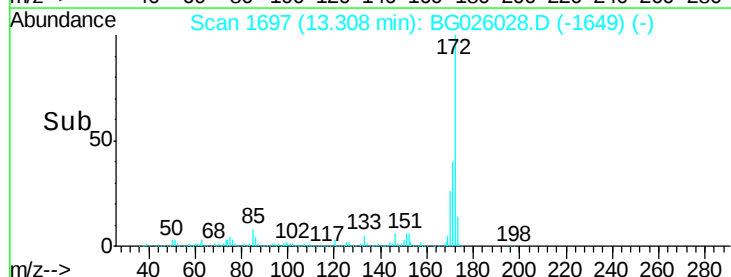
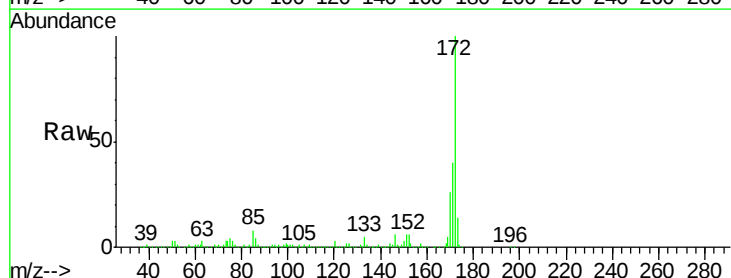
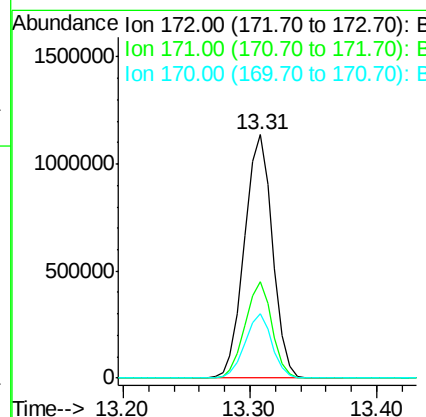
Manual Integrations
APPROVED

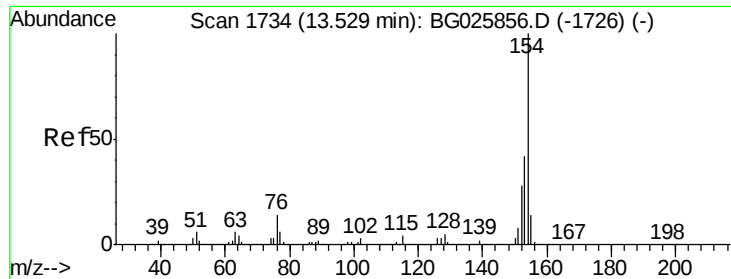
mohammad
3/3/2017 10:56:29 AM



#44
2-Fluorobiphenyl
Concen: 100.36 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1742346		
171	39.8	32.2	48.2	
170	26.4	21.8	32.6	





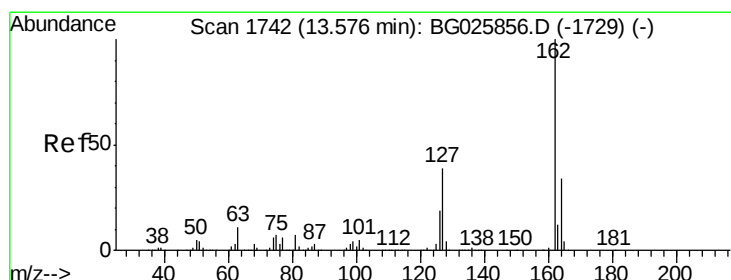
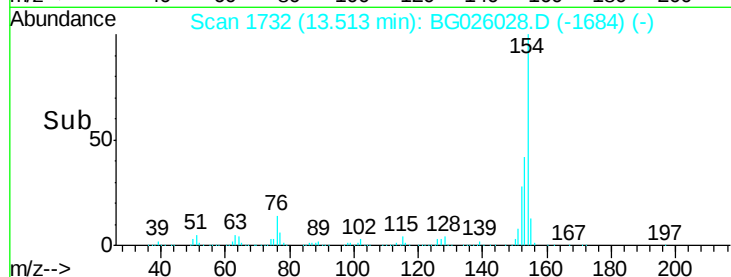
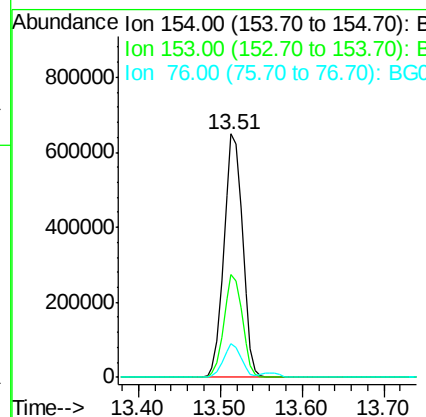
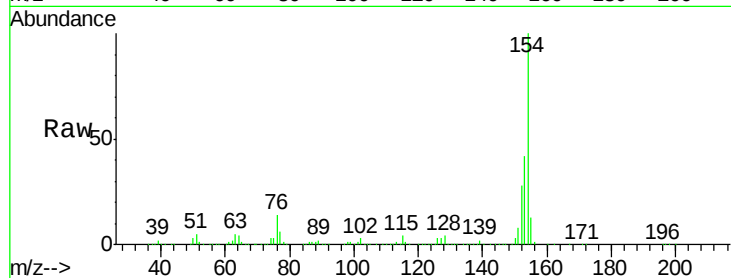
#45
 1,1'-Biphenyl
 Concen: 47.06 ng
 RT: 13.51 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion:154 Resp: 1034634
 Ion Ratio Lower Upper
 154 100
 153 42.4 23.0 63.0
 76 13.6 0.0 33.5

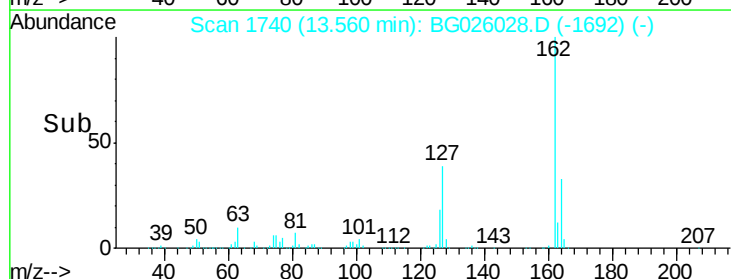
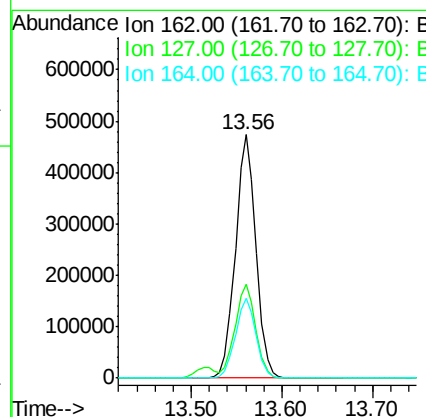
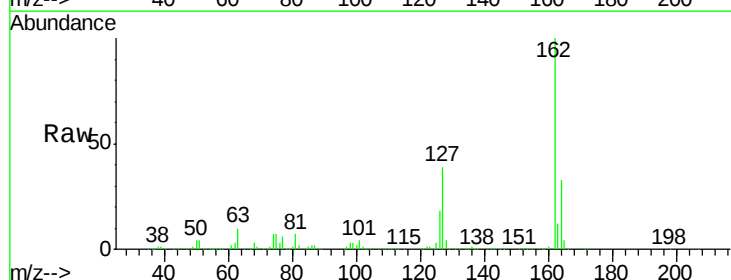
Manual Integrations
 APPROVED

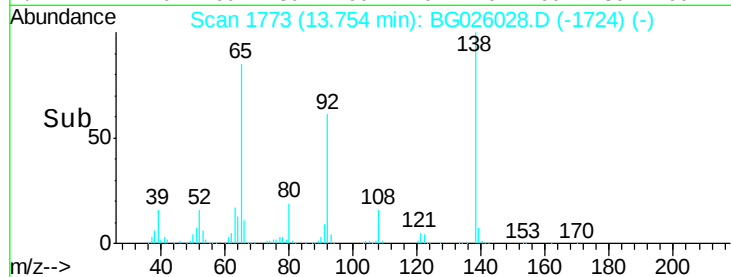
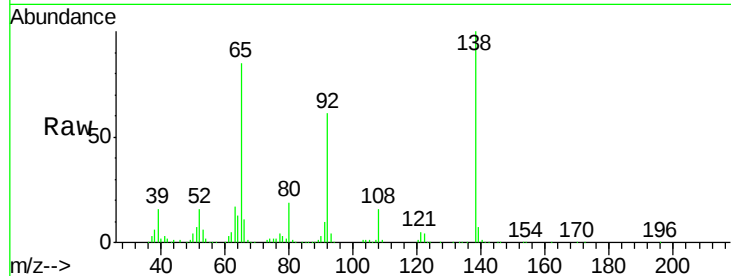
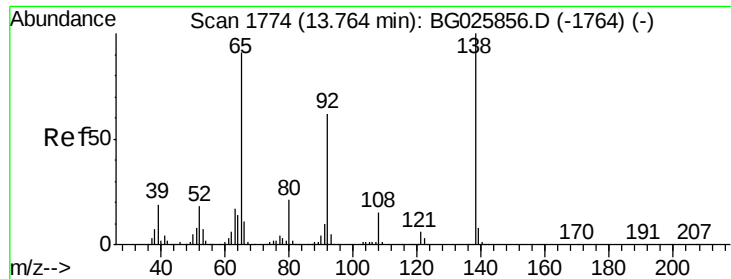
mohammad
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#46
 2-Chloronaphthalene
 Concen: 46.83 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:162 Resp: 744279
 Ion Ratio Lower Upper
 162 100
 127 38.6 32.2 48.4
 164 32.8 27.3 40.9





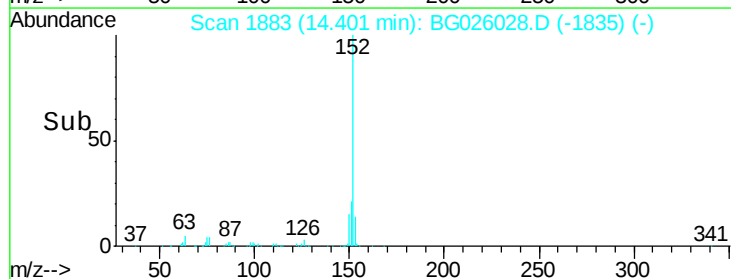
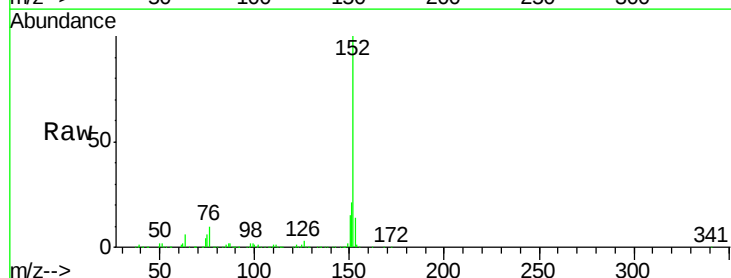
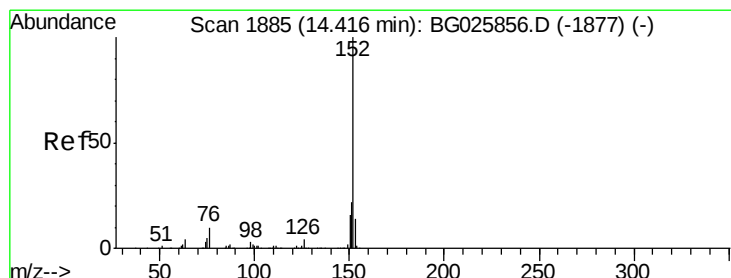
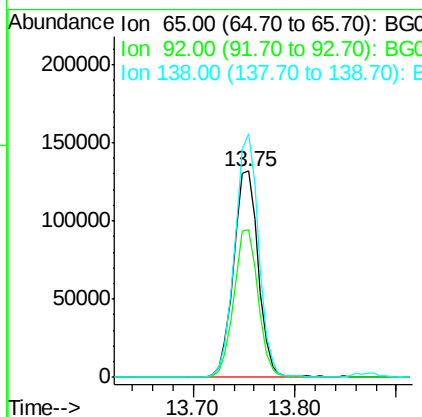
#47
2-Nitroaniline
Concen: 44.59 ng
RT: 13.75 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	224775		
92	71.9	49.0	73.4	
138	118.2	58.6	87.8	

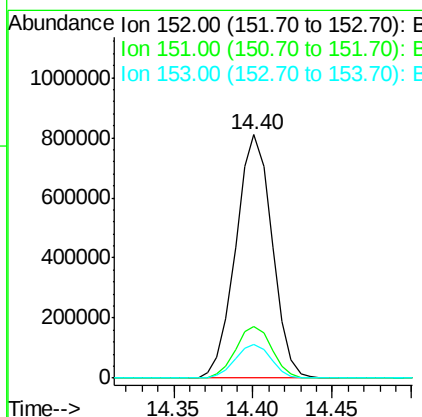
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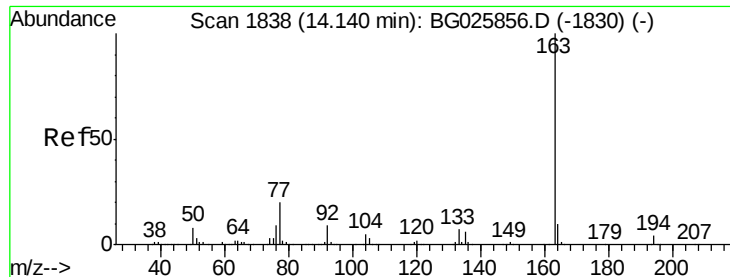
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#48
Acenaphthylene
Concen: 45.27 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1281018		
151	21.4	18.2	27.2	
153	13.9	11.3	16.9	





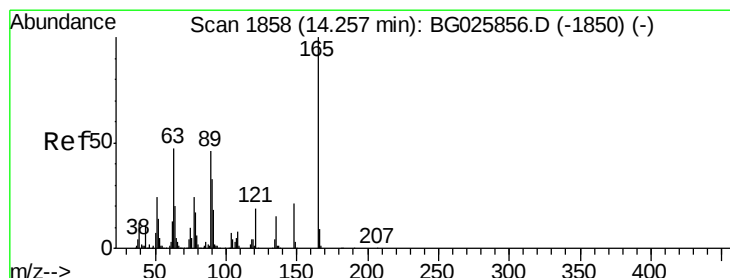
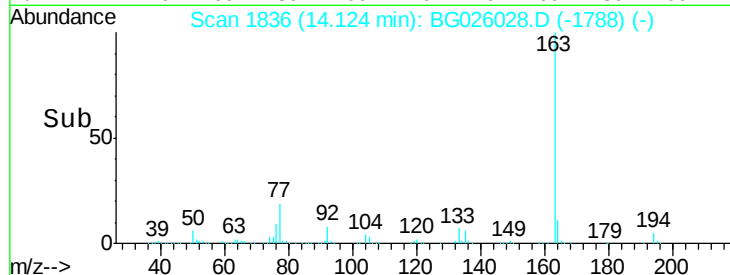
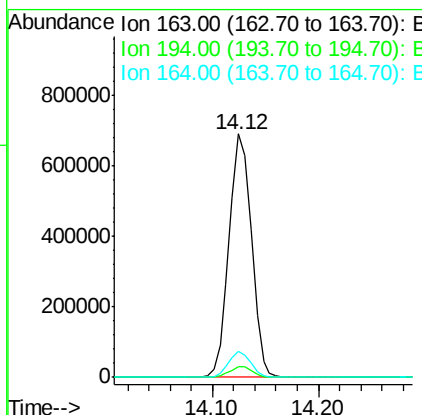
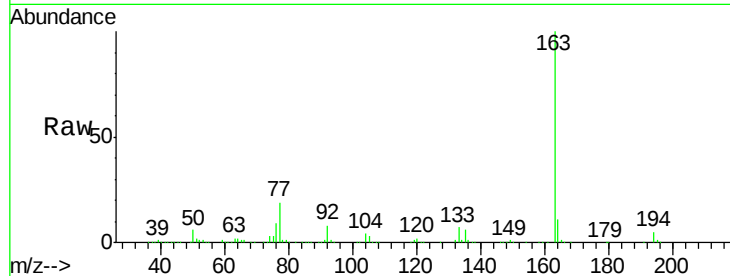
#49
Dimethylphthalate
Concen: 48.61 ng
RT: 14.12 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.5	9.3	13.9

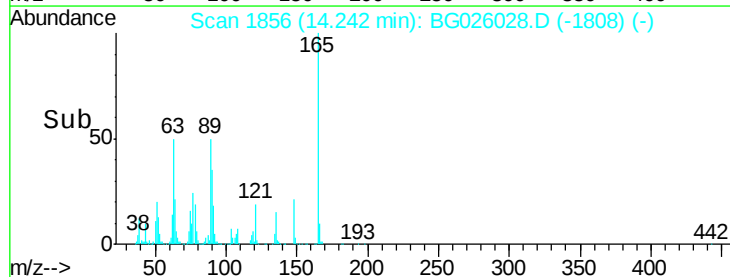
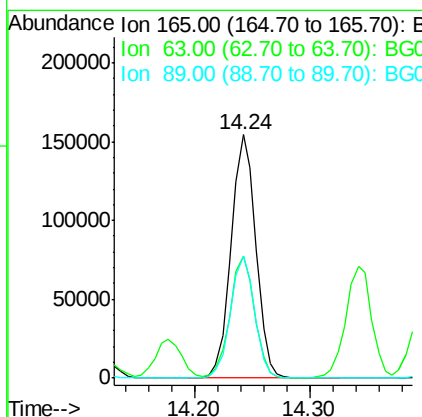
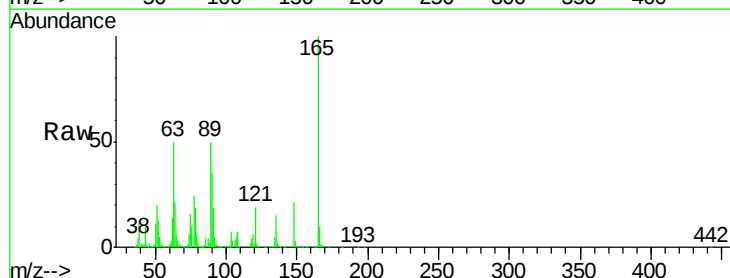
Manual Integrations
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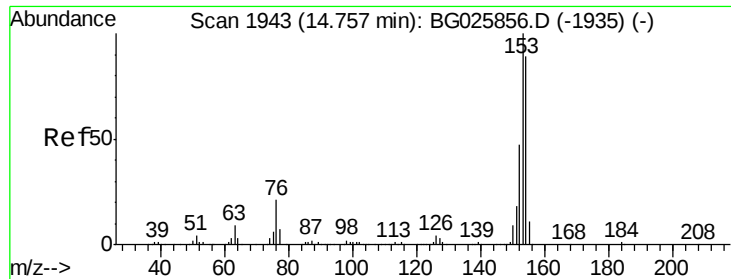
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#50
2,6-Dinitrotoluene
Concen: 48.93 ng
RT: 14.24 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.3	63.9	95.9#
89	49.9	58.6	88.0#





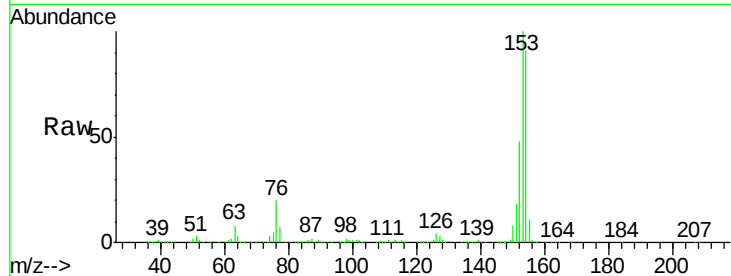
#51
Acenaphthene
Concen: 49.64 ng
RT: 14.74 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

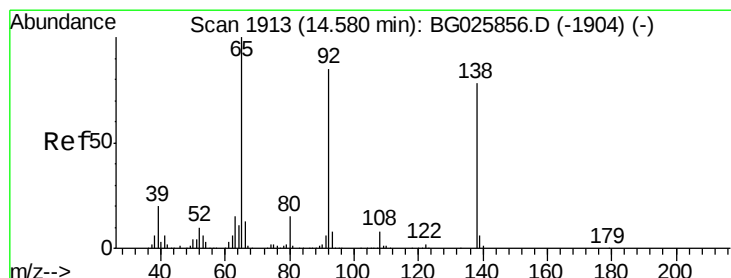
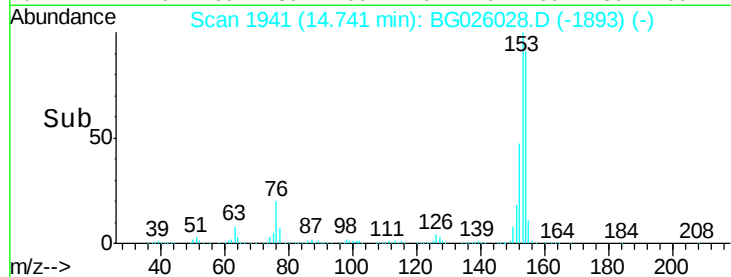
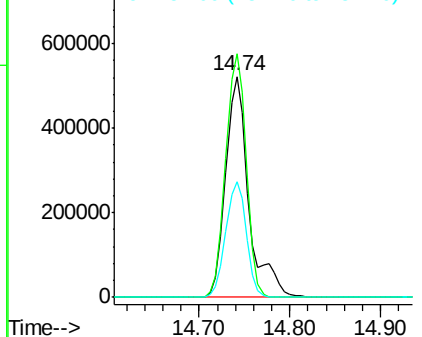
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	927637		
153	110.3	87.8	131.6	
152	52.6	42.2	63.4	

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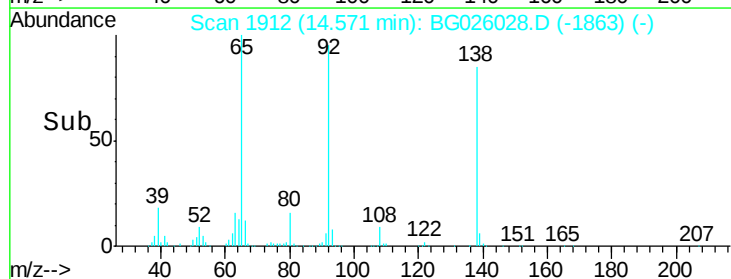
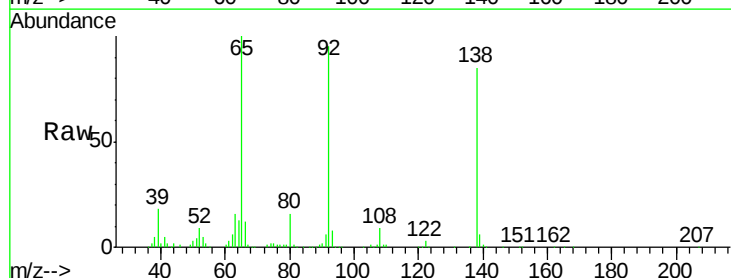
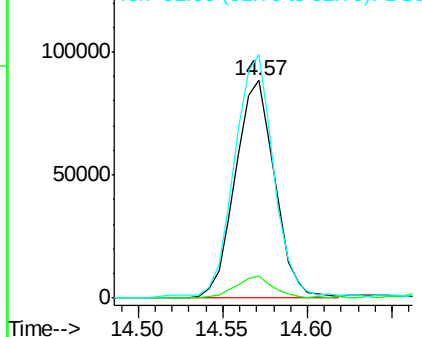
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

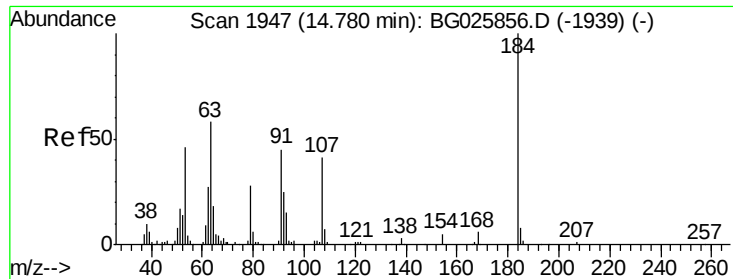


#52
3-Nitroaniline
Concen: 27.65 ng
RT: 14.57 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	144579		
108	10.3	10.9	16.3#	
92	112.0	115.3	172.9#	

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





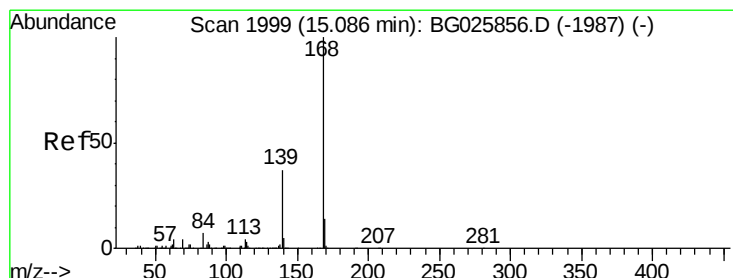
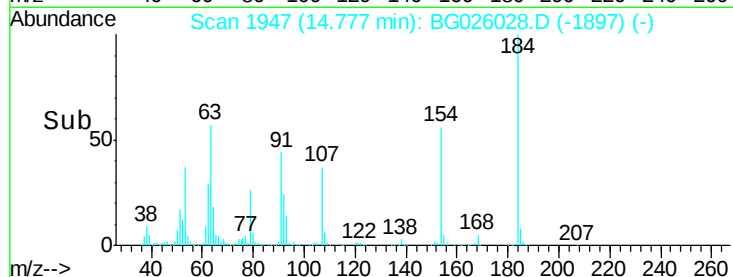
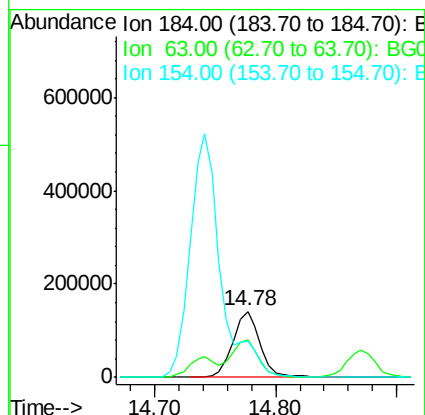
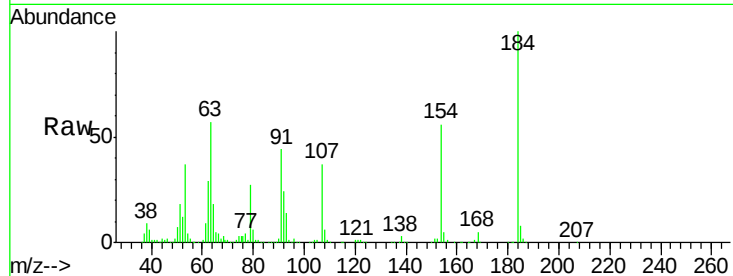
#53
2,4-Dinitrophenol
Concen: 90.21 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	220684		
63	57.4	52.7	79.1	
154	56.1	57.3	85.9	

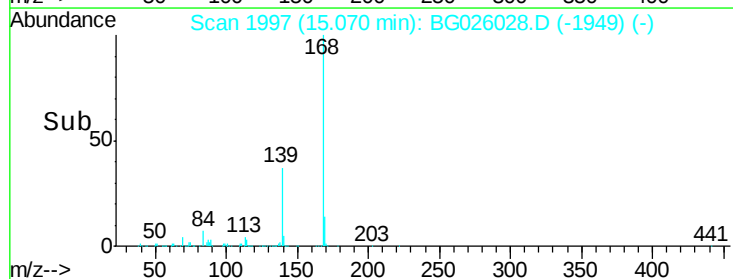
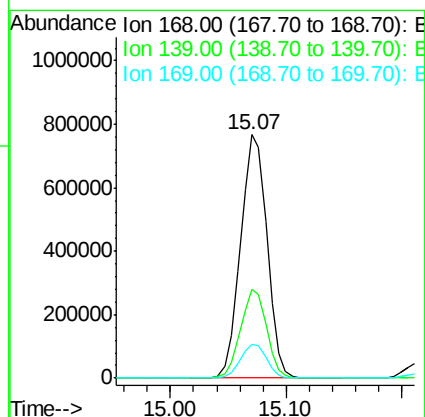
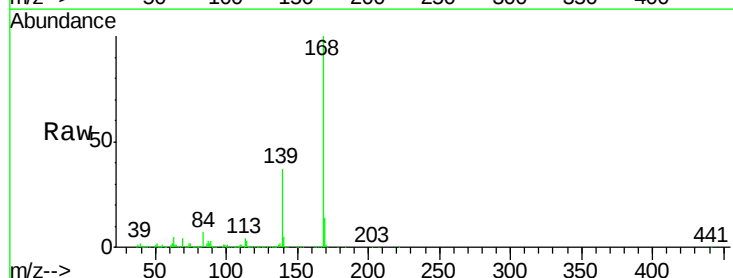
Manual Integrations
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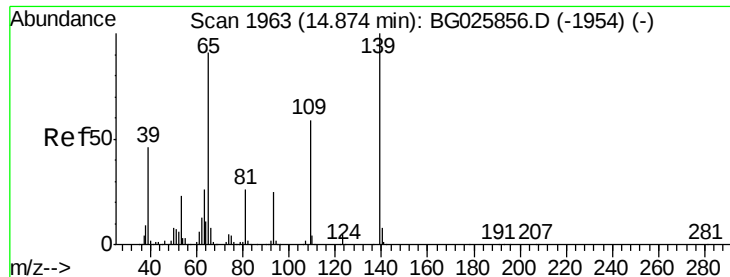
mohammad
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#54
Dibenzofuran
Concen: 48.81 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1216006		
139	36.7	35.3	52.9	
169	13.8	11.5	17.3	





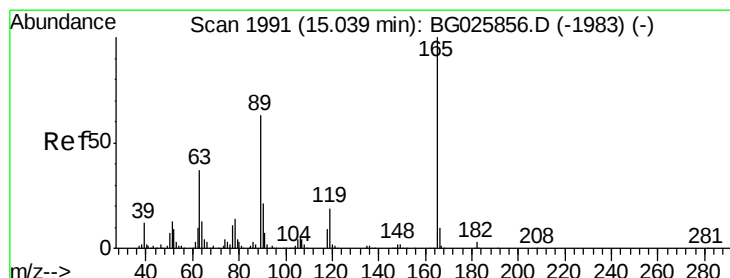
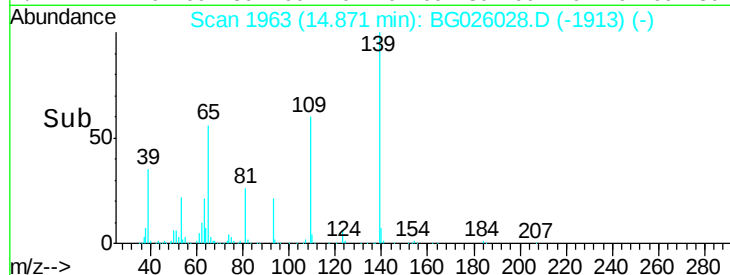
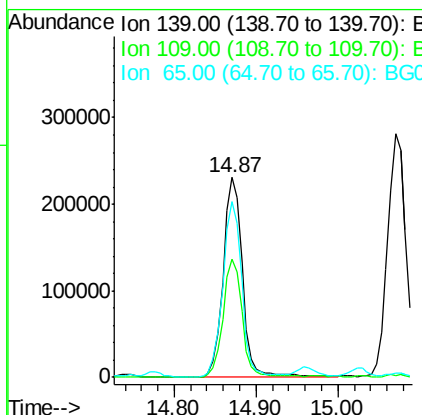
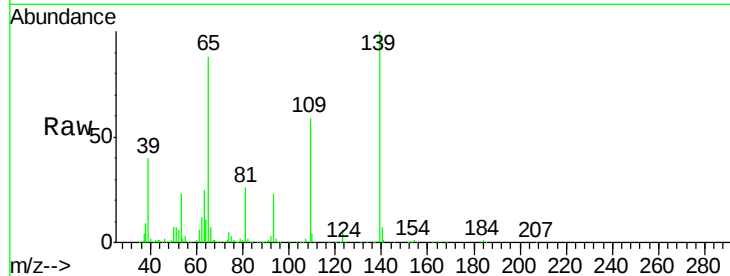
#55
4-Nitrophenol
Concen: 89.66 ng
RT: 14.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	381560		
109	59.4	101.2	141.2#	
65	88.2	135.3	175.3#	

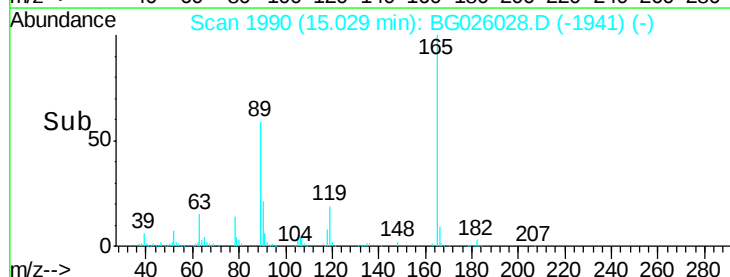
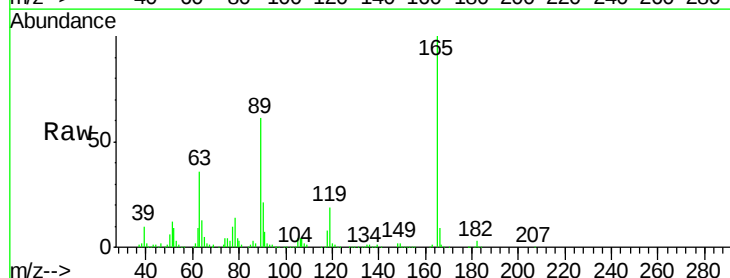
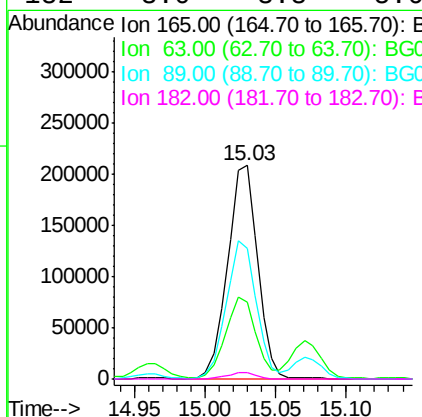
Manual Integrations
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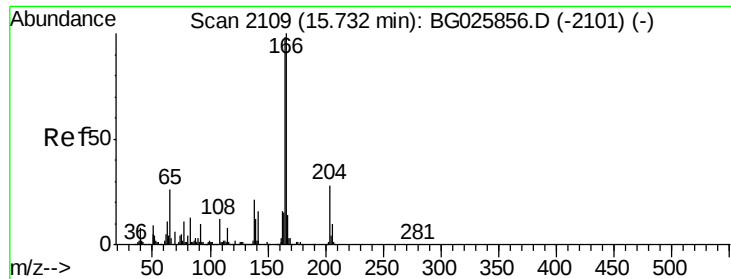
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#56
2,4-Dinitrotoluene
Concen: 49.42 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	310827		
63	36.2	44.0	66.0#	
89	60.9	67.3	100.9#	
182	3.0	3.8	5.6#	





#57

Fluorene

Concen: 45.77 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion:166 Resp: 1018963

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

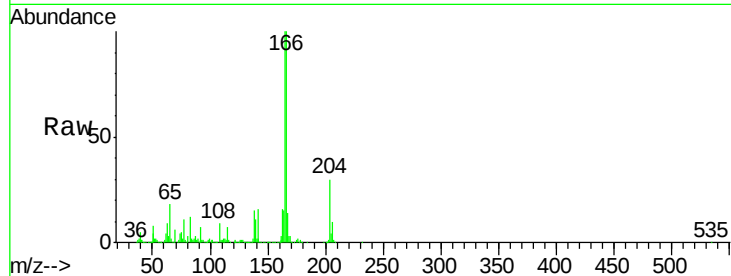
167 14.1 11.6 17.4

Manual Integrations

APPROVED

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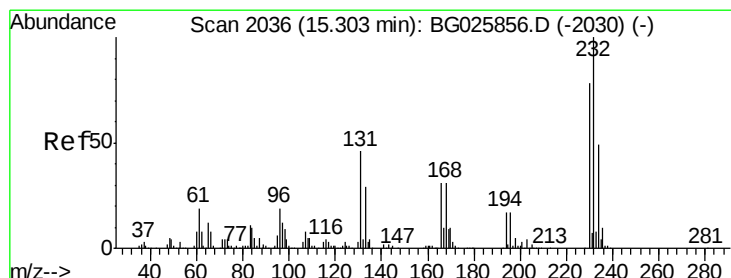
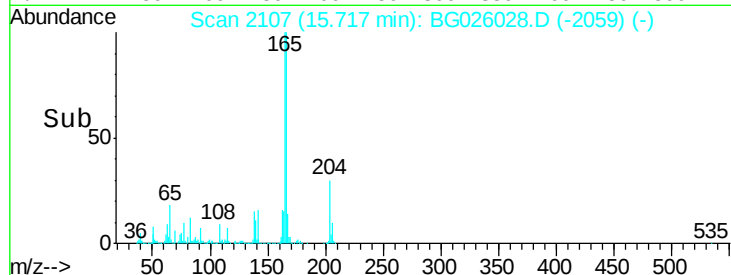
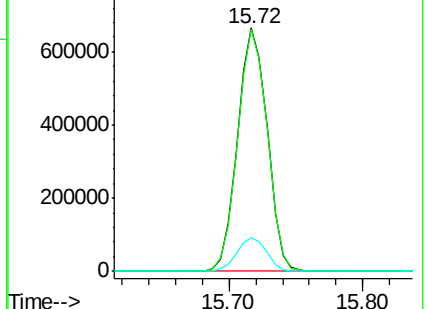
3/3/2017 10:56:29 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.90 ng

RT: 15.29 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion:232 Resp: 265091

Ion Ratio Lower Upper

232 100

131 45.8 34.9 52.3

130 2.5 2.3 3.5

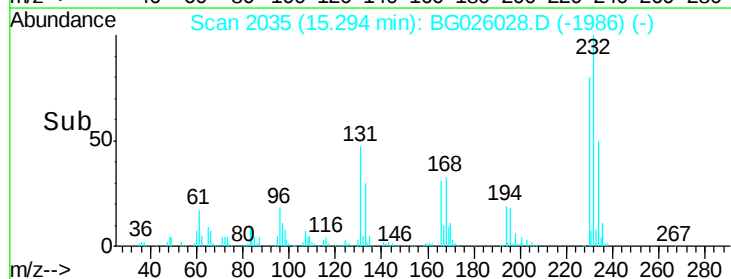
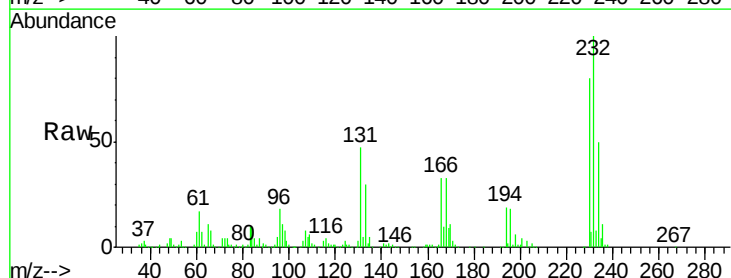
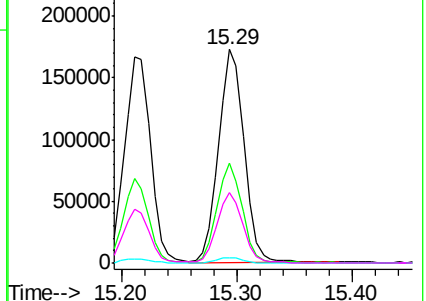
166 33.0 24.2 36.4

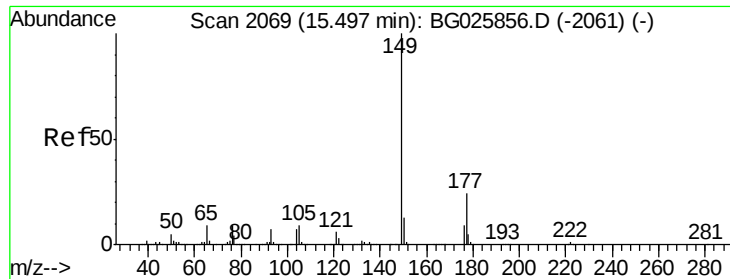
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





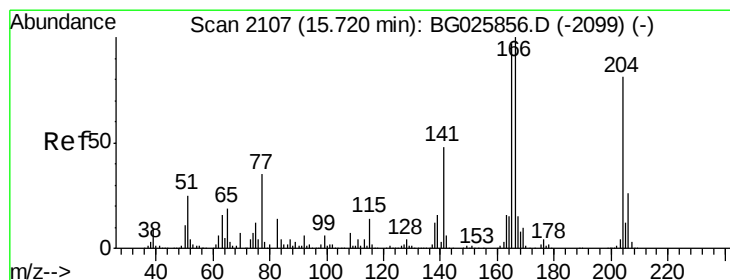
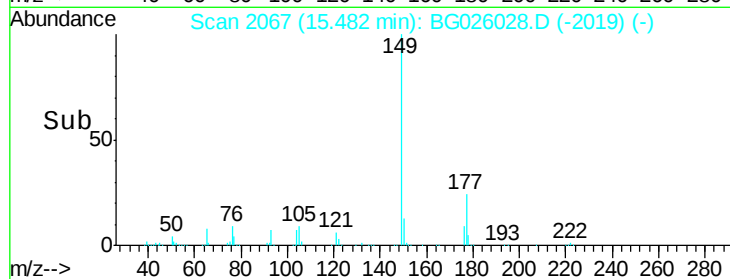
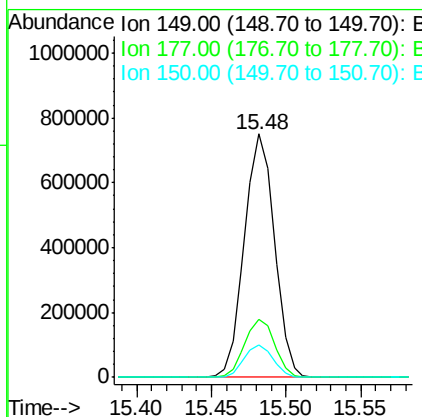
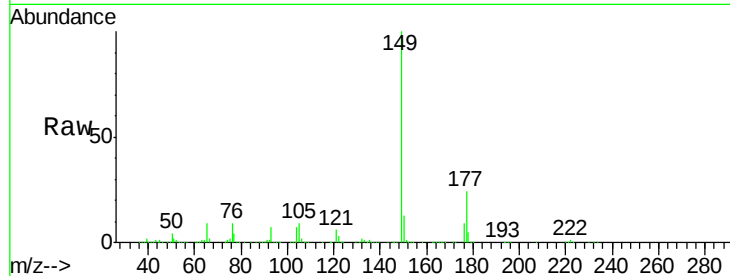
#59
Diethylphthalate
Concen: 48.70 ng
RT: 15.48 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.1	30.1
150	13.1	10.2	15.2

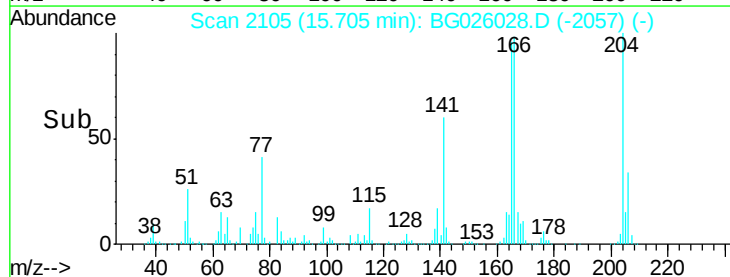
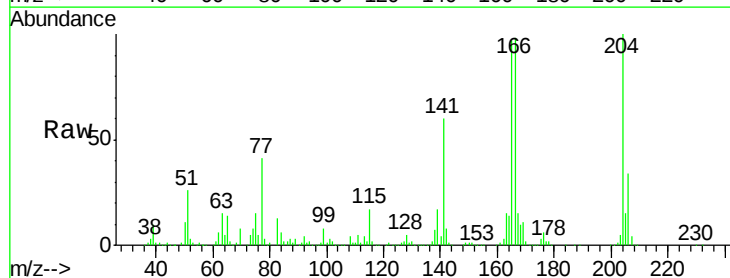
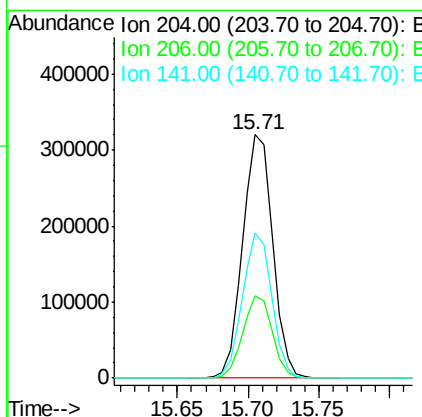
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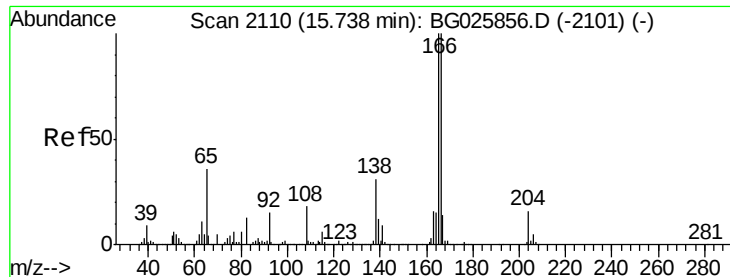
mohammad
3/3/2017 10:56:29 AM



#60
4-Chlorophenyl-phenylether
Concen: 46.41 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	59.5	50.6	76.0





#61

4-Nitroaniline

Concen: 44.34 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

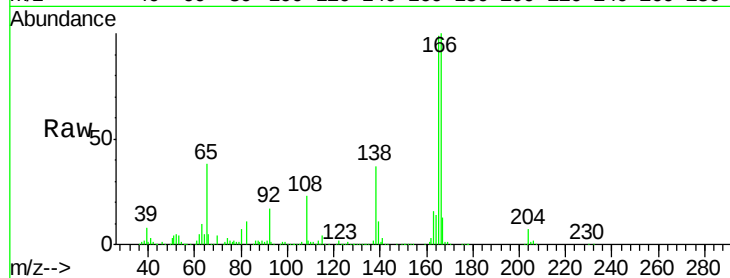
ClientSampleId :

PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	240364		
92	45.8	44.2	84.2	
108	60.8	104.8	144.8	

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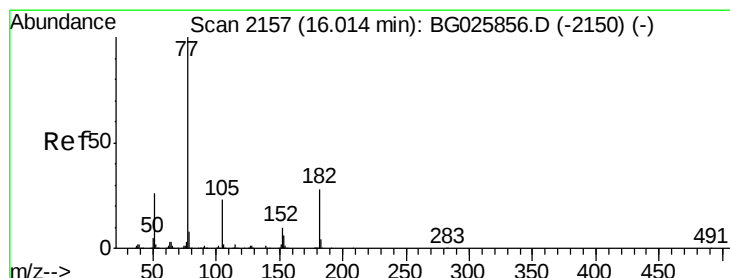
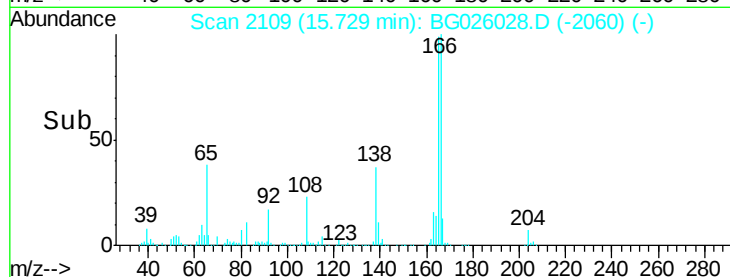
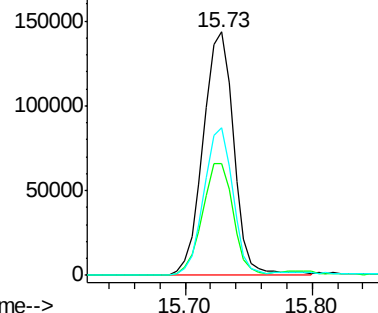


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.48 ng

RT: 16.00 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	915598		
182	29.6	4.7	44.7	
105	23.2	0.0	36.3	
51	24.7	16.4	56.4	

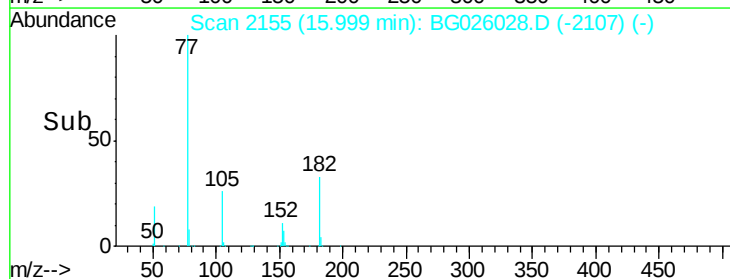
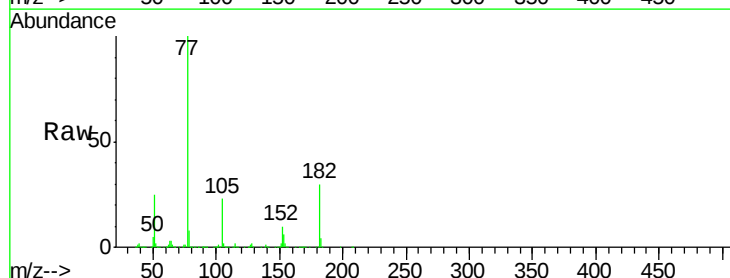
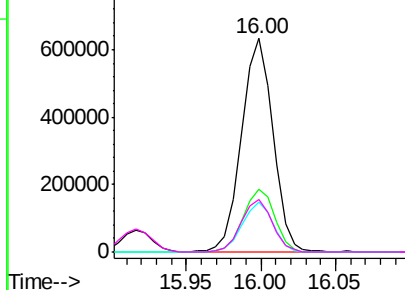
Abundance

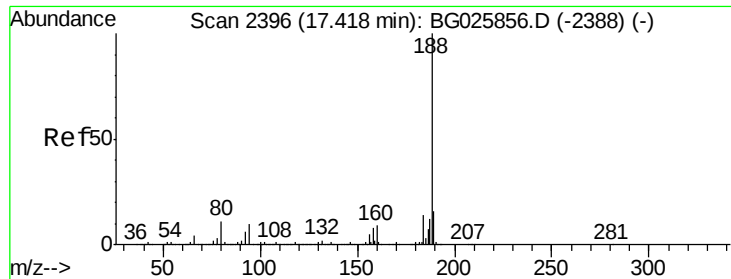
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion:188 Resp: 695735

Ion Ratio Lower Upper

188 100

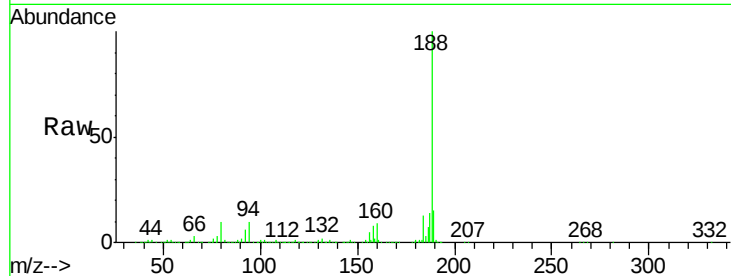
94 9.7 5.8 8.8#

80 10.3 7.5 11.3

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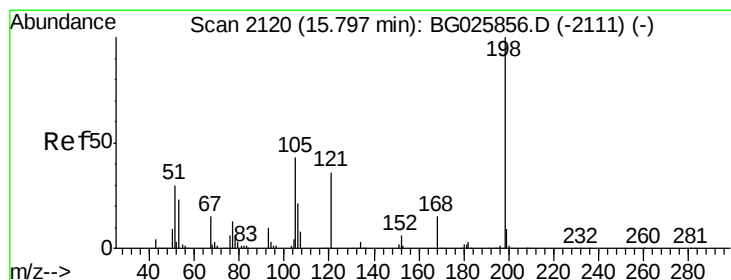
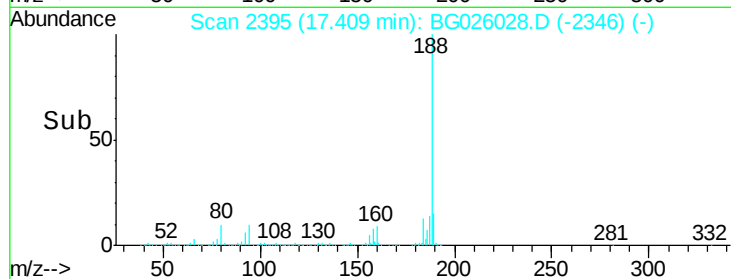
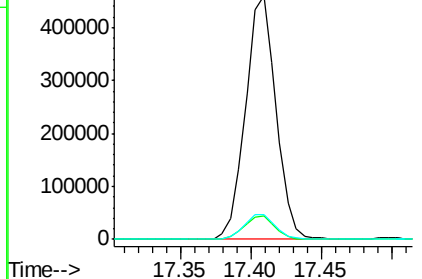
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 42.78 ng

RT: 15.79 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

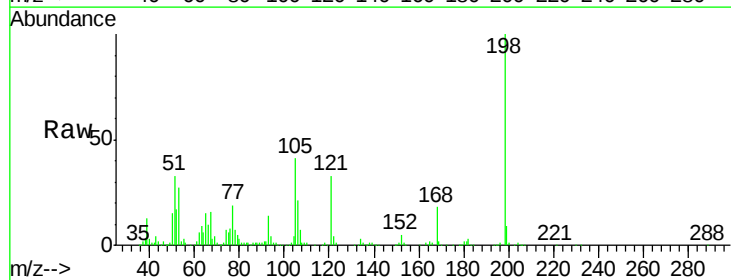
Tgt Ion:198 Resp: 174164

Ion Ratio Lower Upper

198 100

51 33.4 22.6 62.6

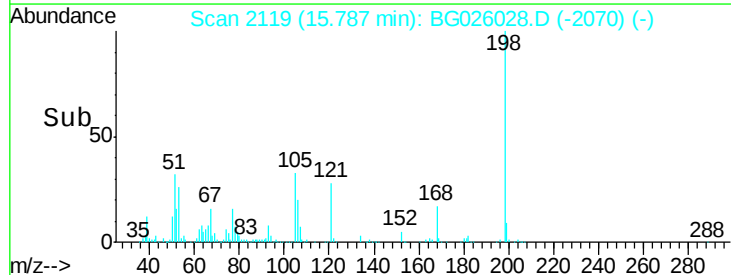
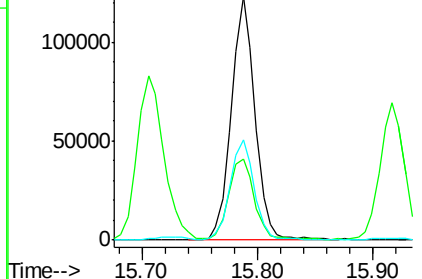
105 41.4 14.4 54.4

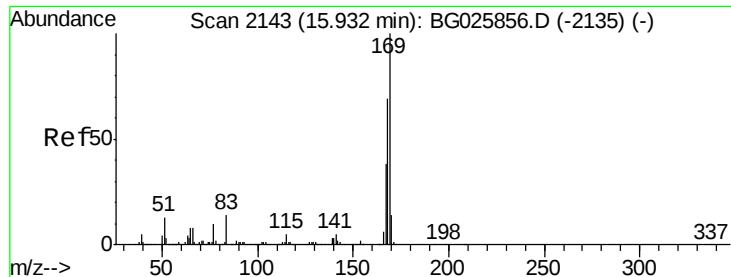


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





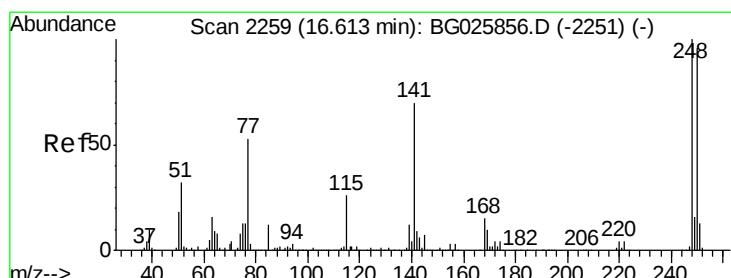
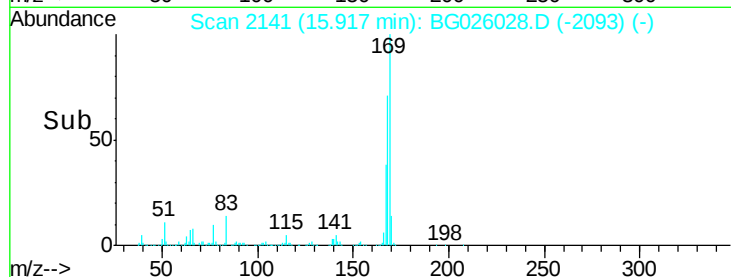
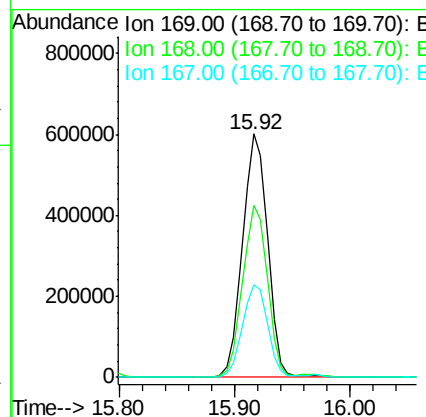
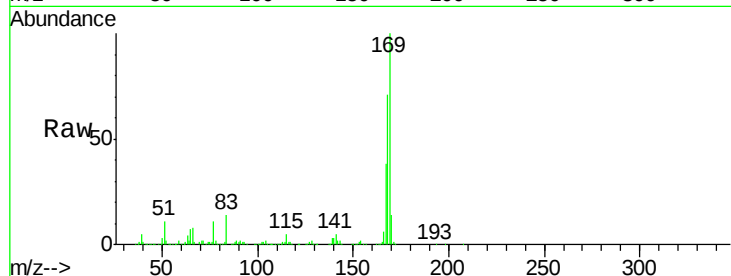
#65
n-Nitrosodiphenylamine
Concen: 42.83 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	903625		
168	70.6		55.7	83.5
167	37.9		29.8	44.6

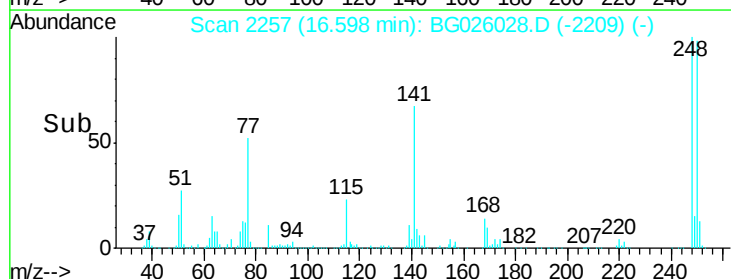
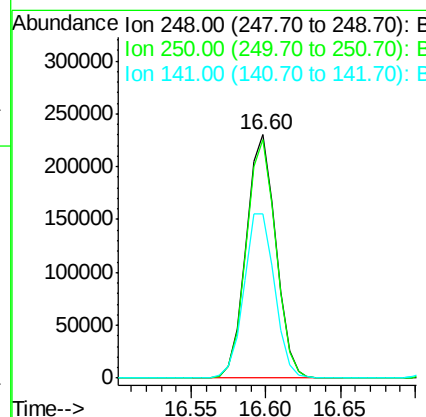
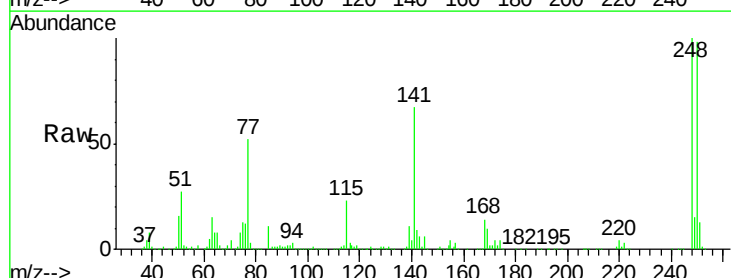
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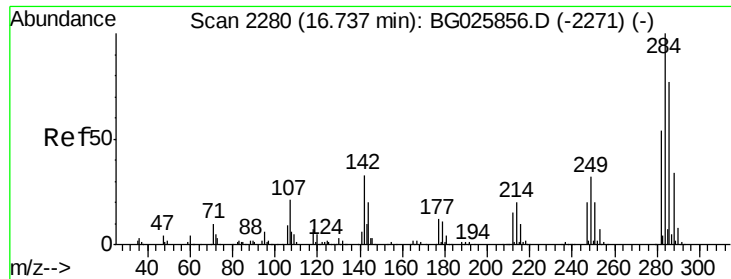
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 43.40 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	316492		
250	97.9		75.0	112.6
141	67.5		55.2	82.8





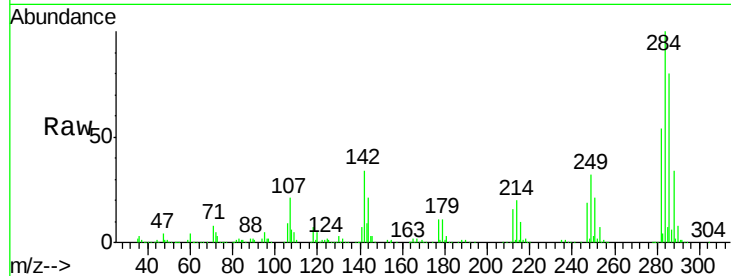
#67
Hexachlorobenzene
Concen: 44.27 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

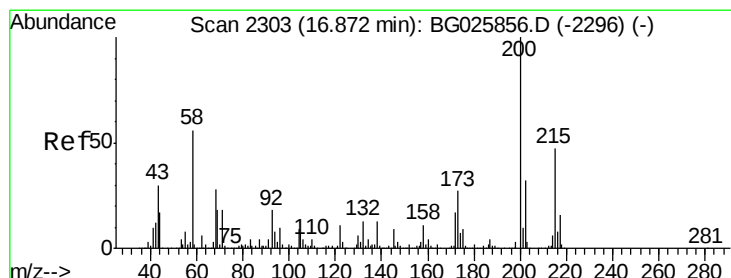
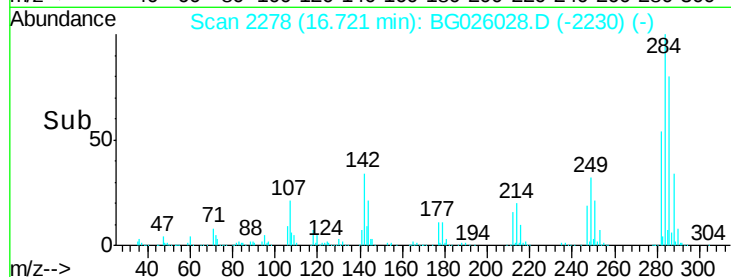
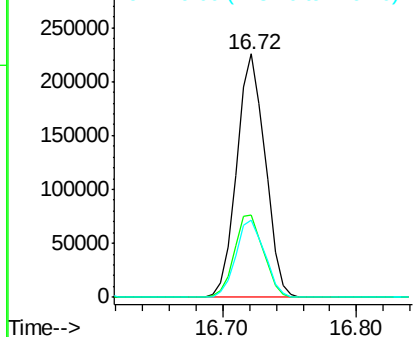
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	332747		
142	33.9	29.9	44.9	
249	31.9	29.2	43.8	

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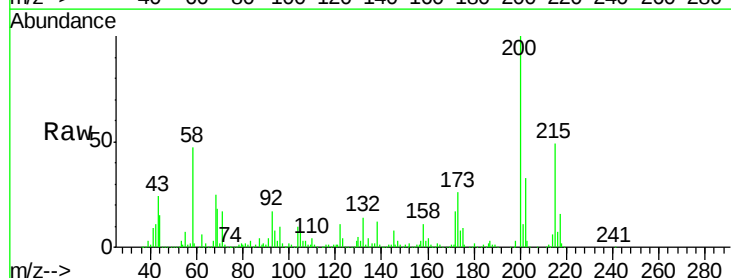


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

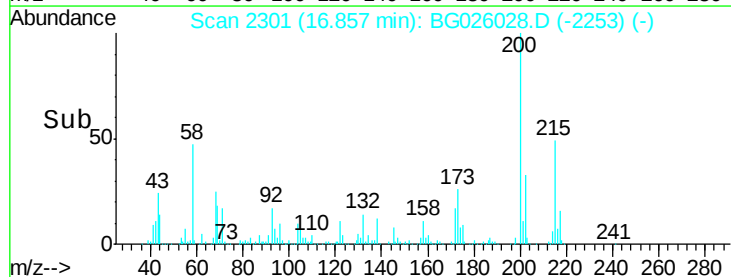
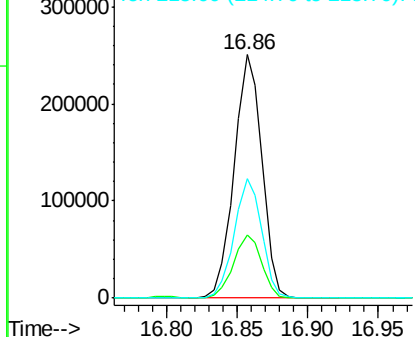


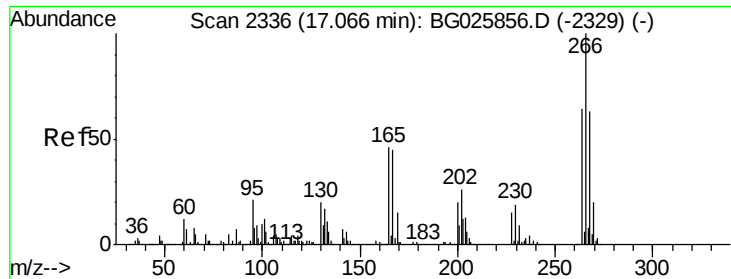
#68
Atrazine
Concen: 45.84 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	342319		
173	26.0	3.0	43.0	
215	49.2	28.4	68.4	



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





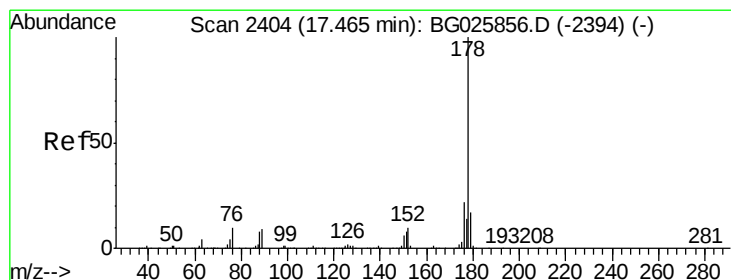
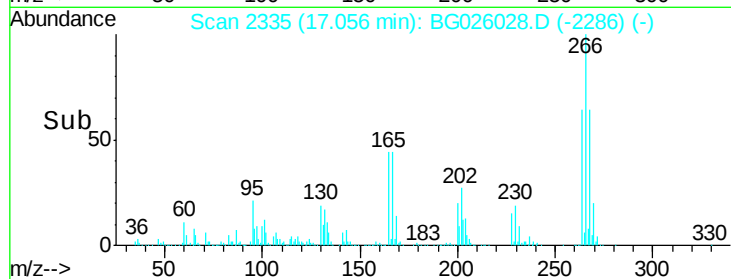
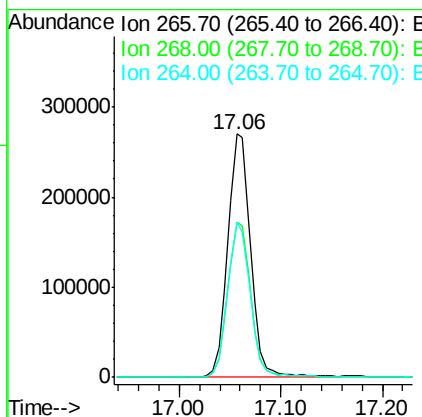
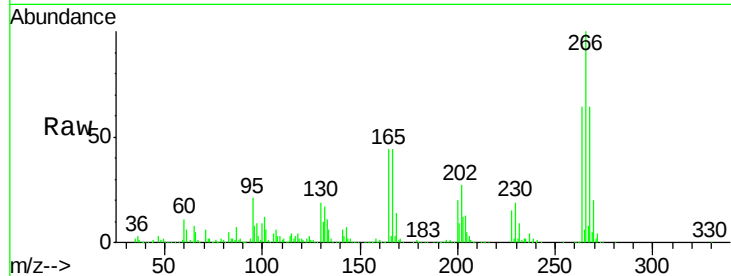
#69
 Pentachlorophenol
 Concen: 90.97 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	48.6	72.8
264	63.6	50.1	75.1

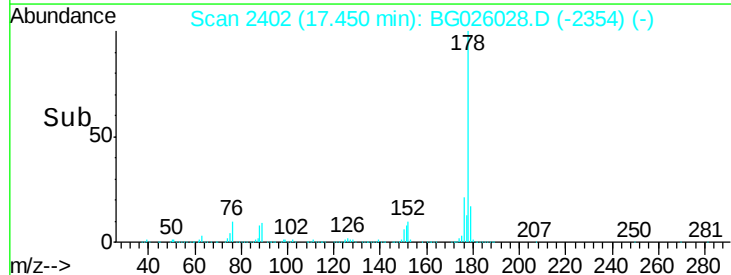
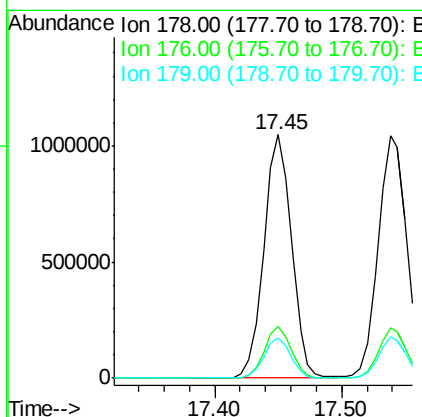
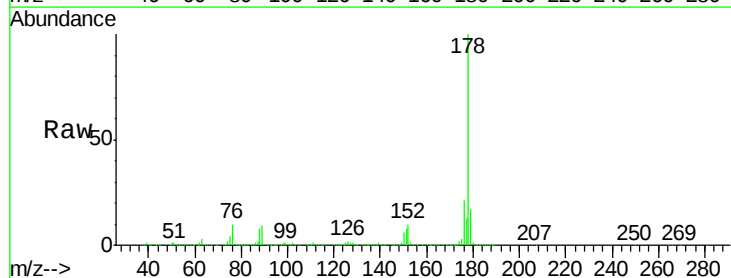
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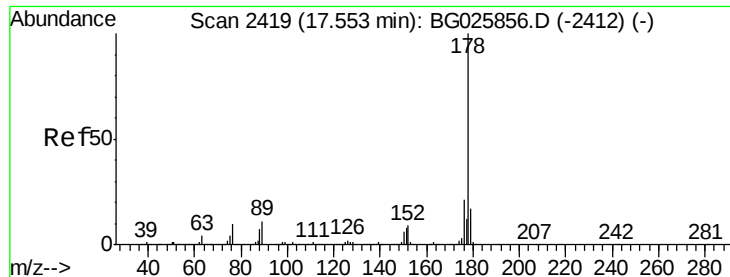
mohammad
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#70
 Phenanthrene
 Concen: 42.11 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.6	15.0	22.6





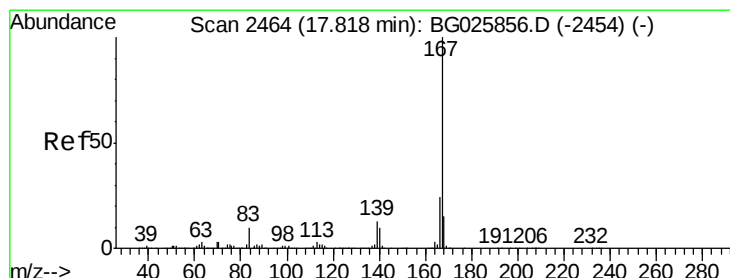
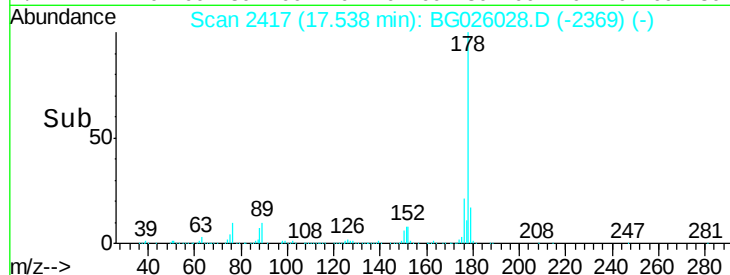
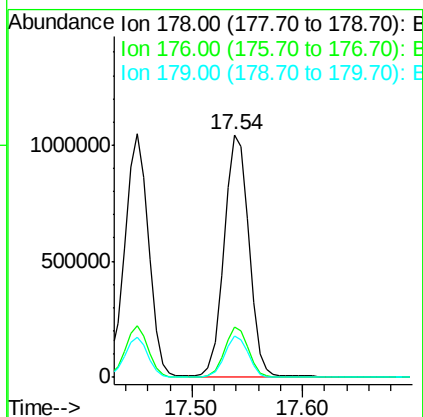
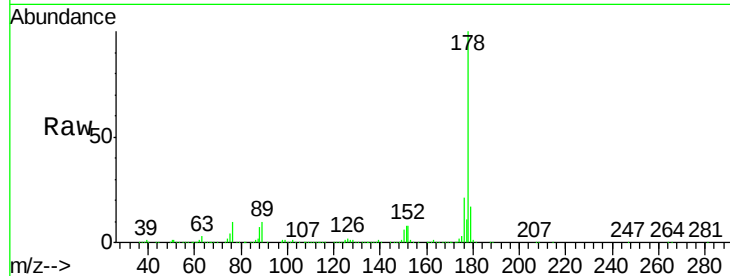
#71
 Anthracene
 Concen: 42.62 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion:178 Resp: 1640863
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.4 24.6
 179 17.0 13.8 20.8

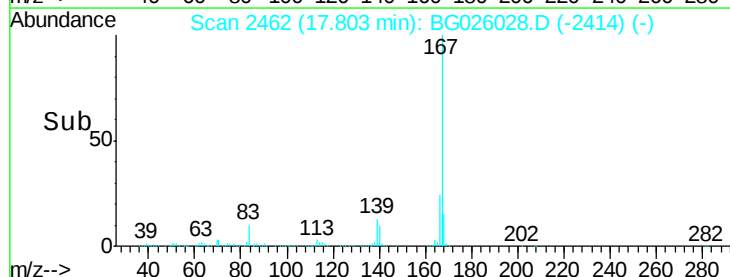
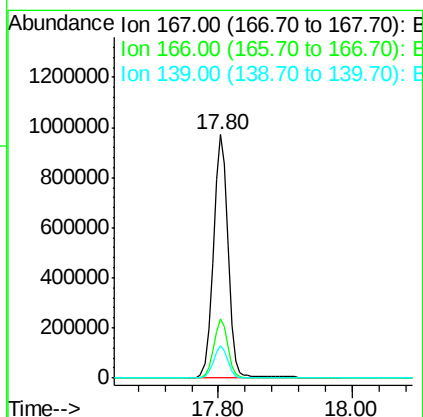
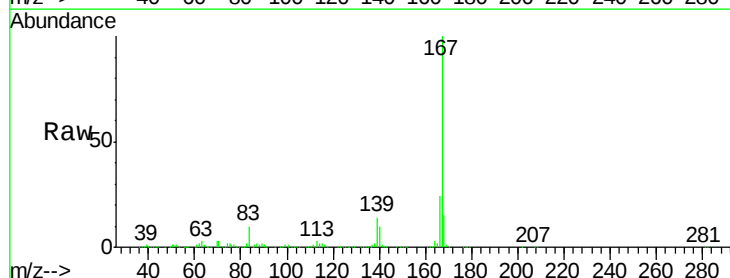
Manual Integrations
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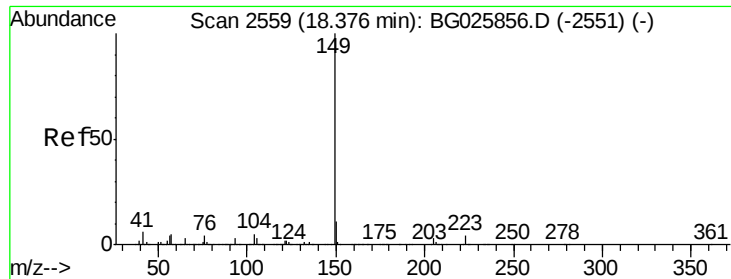
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#72
 Carbazole
 Concen: 39.24 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:167 Resp: 1517846
 Ion Ratio Lower Upper
 167 100
 166 24.3 20.2 30.2
 139 13.5 12.8 19.2





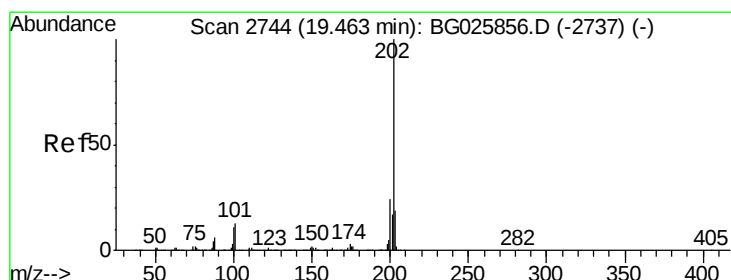
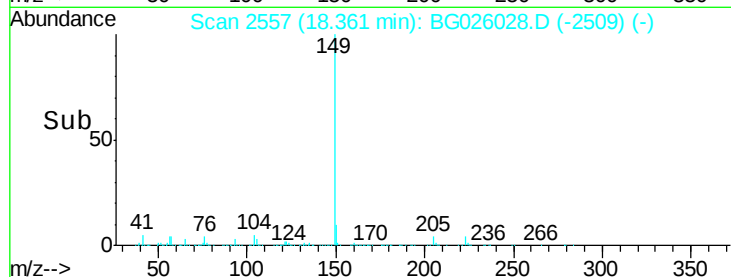
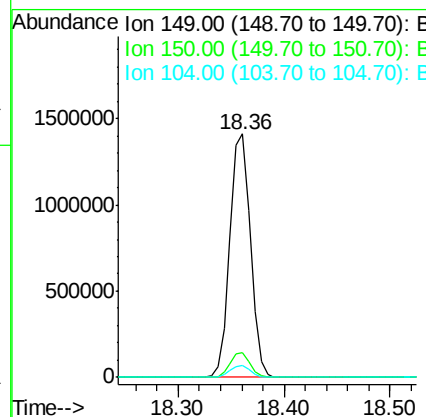
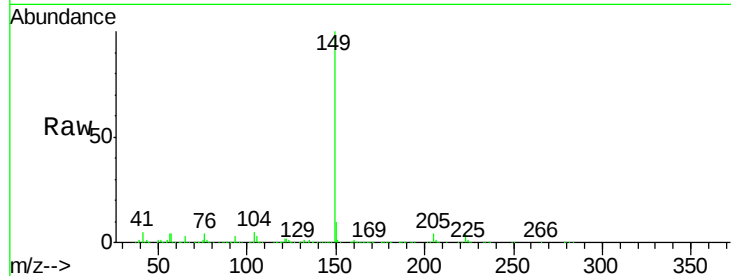
#73
Di-n-butylphthalate
Concen: 50.01 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1898815		
150	9.9		9.1	13.7
104	4.7		6.7	10.1

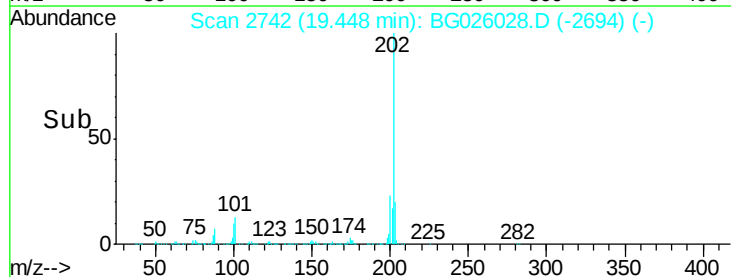
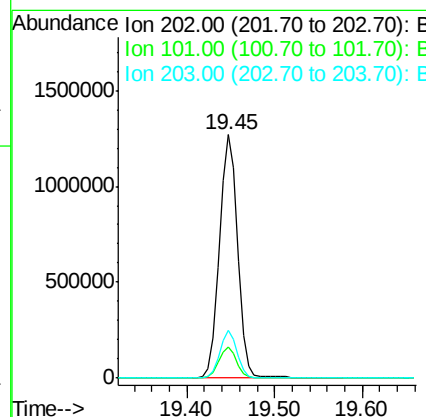
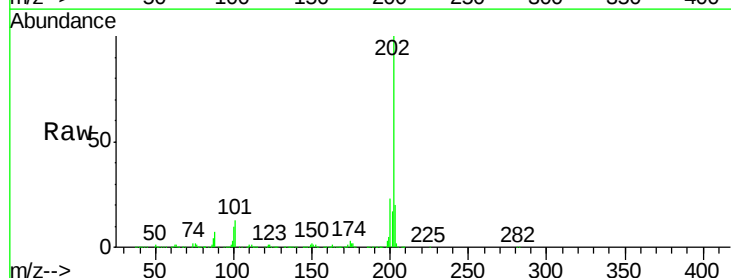
Manual Integrations
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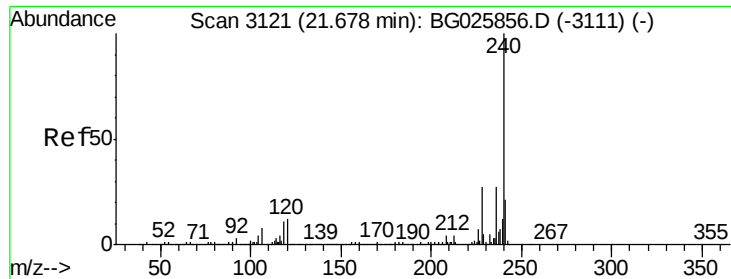
mohammad
3/3/2017 10:56:29 AM



#74
Fluoranthene
Concen: 44.16 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1836518		
101	13.0		0.0	30.1
203	19.6		1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

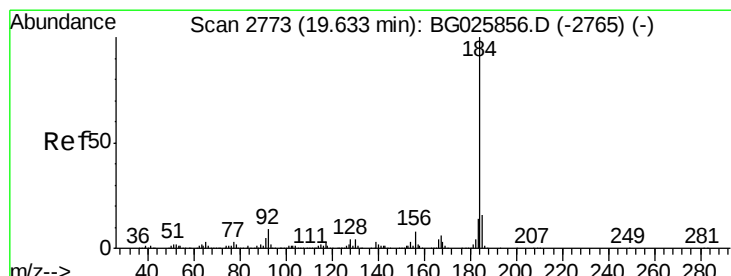
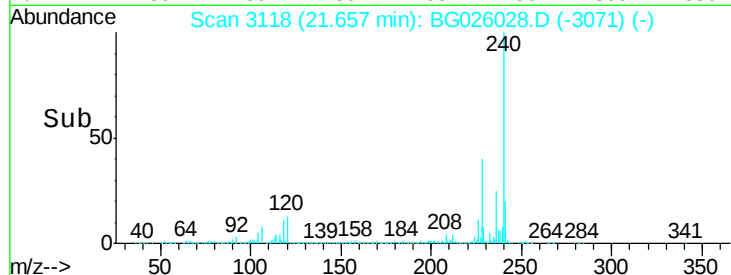
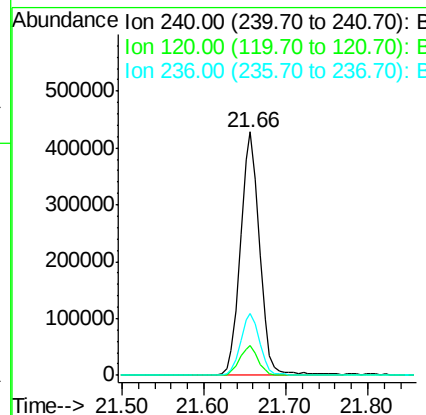
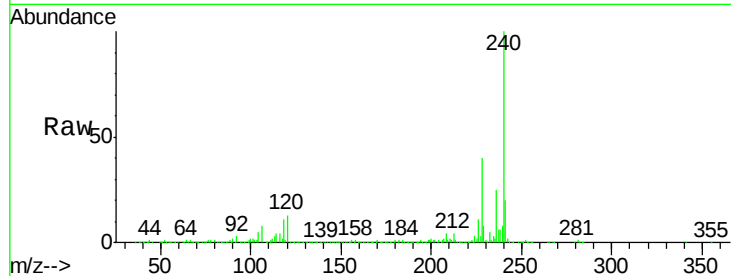
ClientSampleId :

PB97261BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.7	8.5#
236	25.5	22.2	33.4

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#76

Benzidine

Concen: 25.57 ng

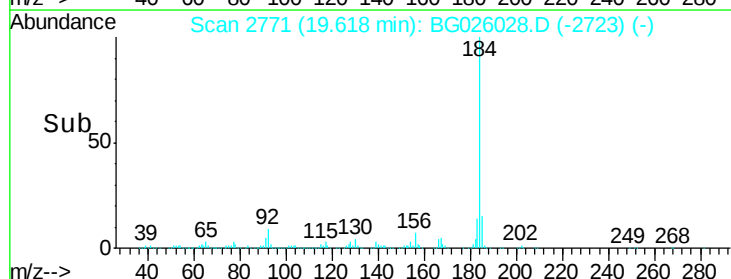
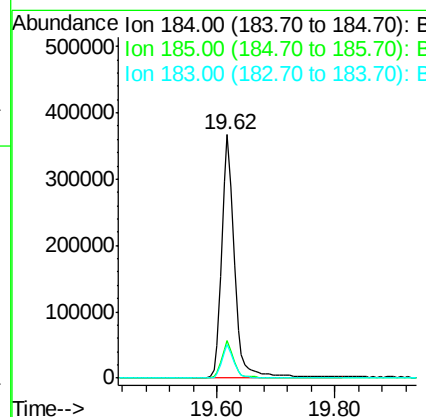
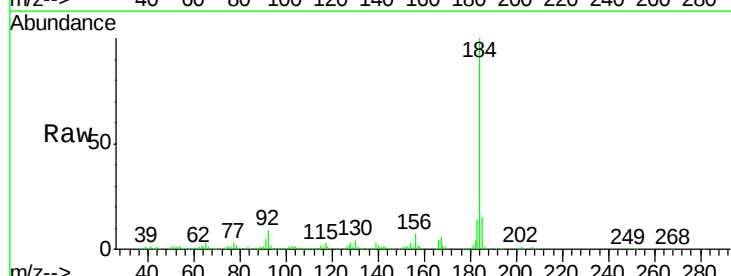
RT: 19.62 min Scan# 2771

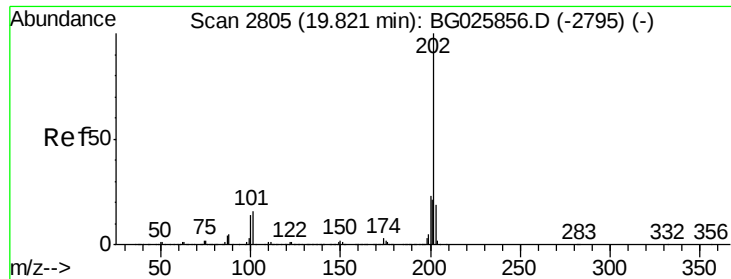
Delta R.T. -0.02 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.6
183	13.6	11.0	16.6





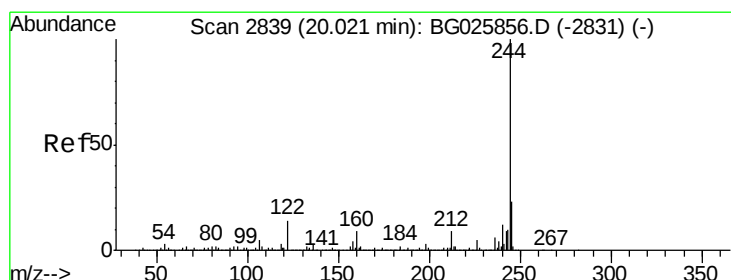
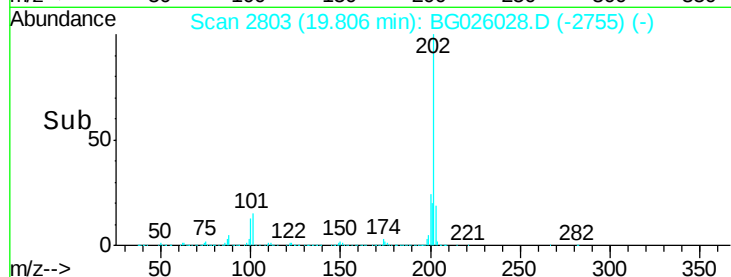
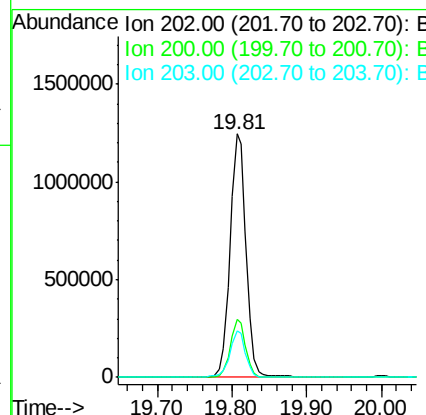
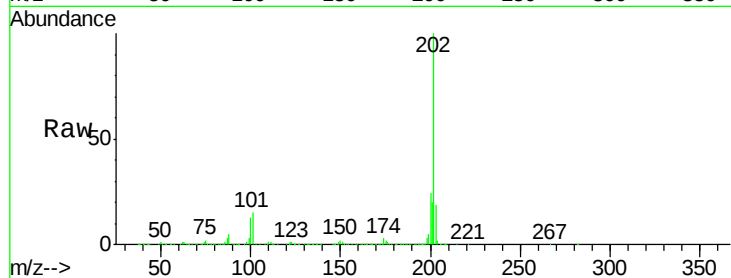
#77
Pyrene
Concen: 42.24 ng
RT: 19.81 min Scan# 2803
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	19.6	29.4
203	19.2	15.8	23.8

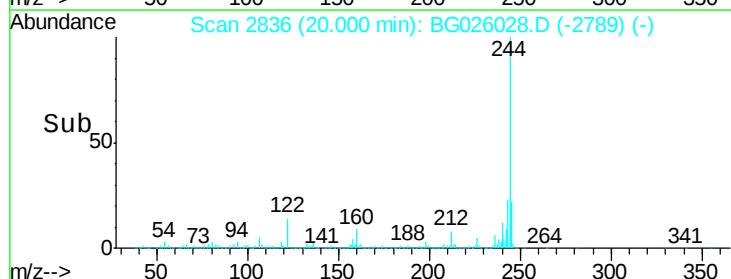
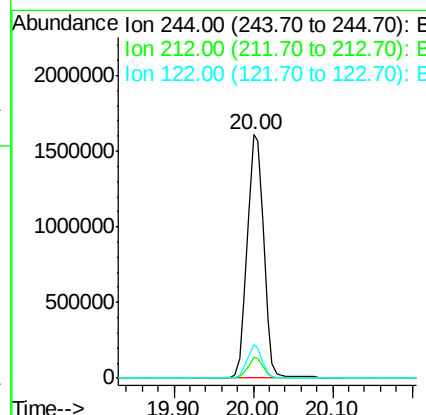
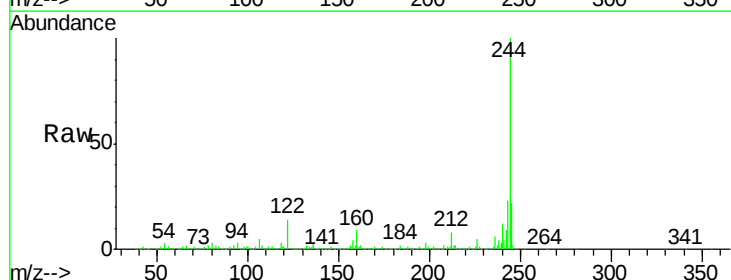
Manual Integrations
APPROVED

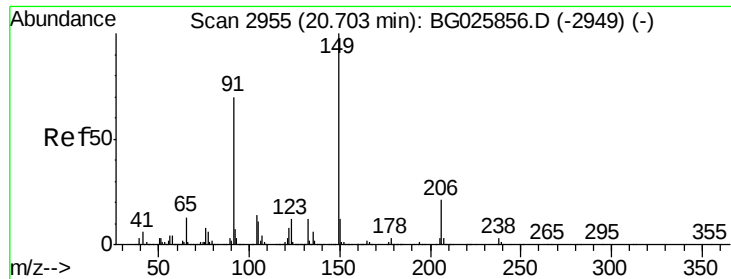
mohammad
3/3/2017 10:56:29 AM



#78
Terphenyl-d14
Concen: 81.33 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	13.9	8.6	12.8#





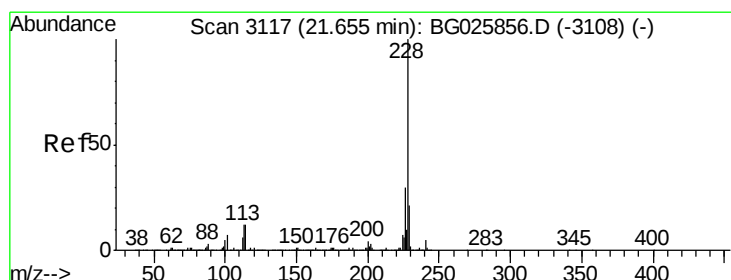
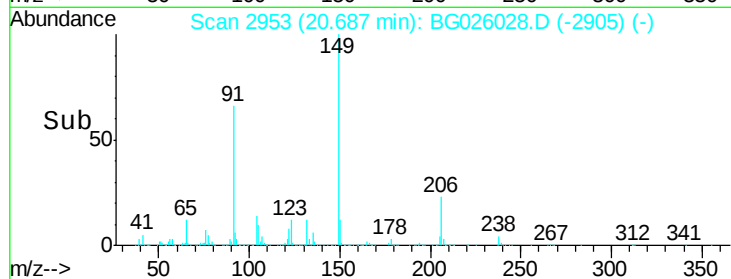
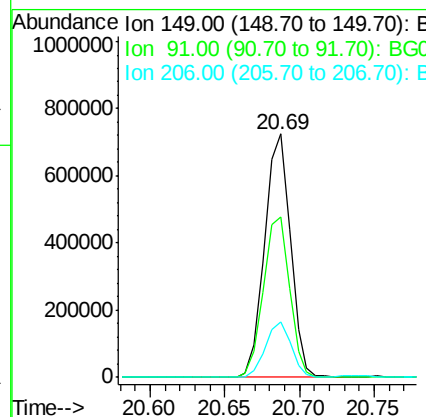
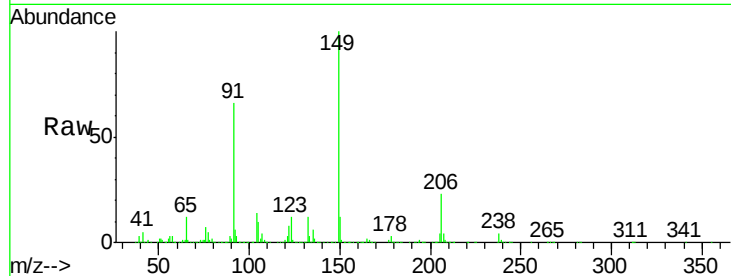
#79
Butylbenzylphthalate
Concen: 51.76 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	865384		
91	66.1	63.5	95.3	
206	22.9	21.0	31.6	

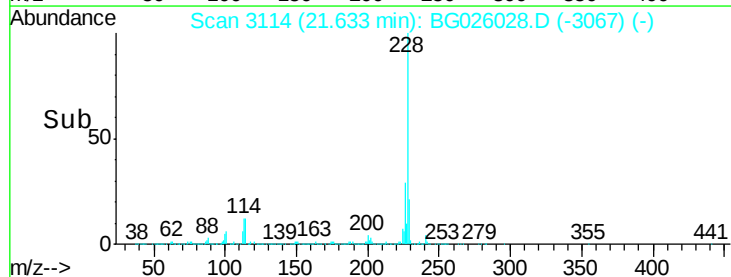
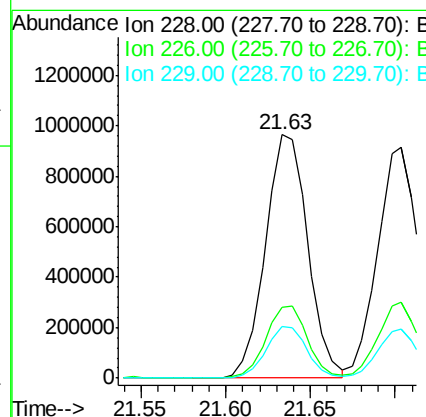
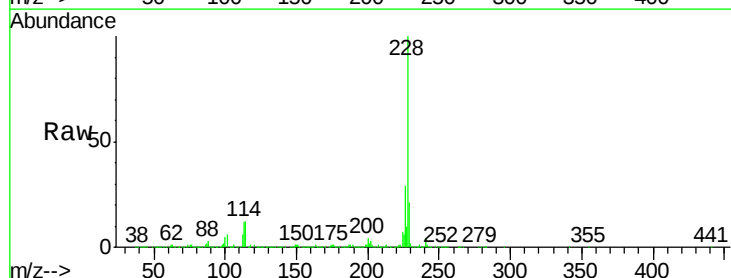
Manual Integrations
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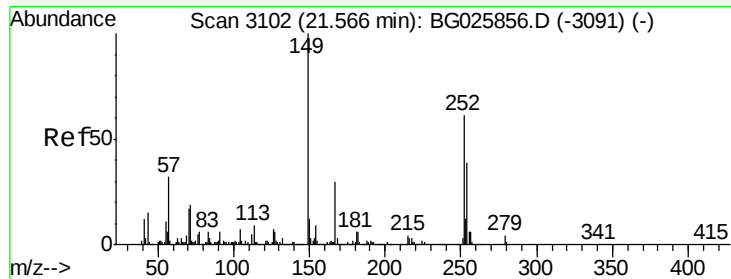
mohammad
3/3/2017 10:56:29 AM



#80
Benzo(a)anthracene
Concen: 41.28 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1678772		
226	29.3	24.9	37.3	
229	21.3	18.2	27.2	





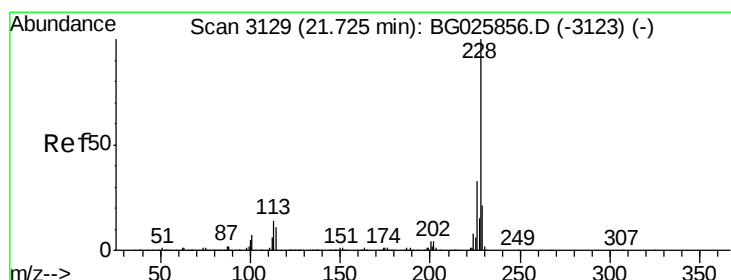
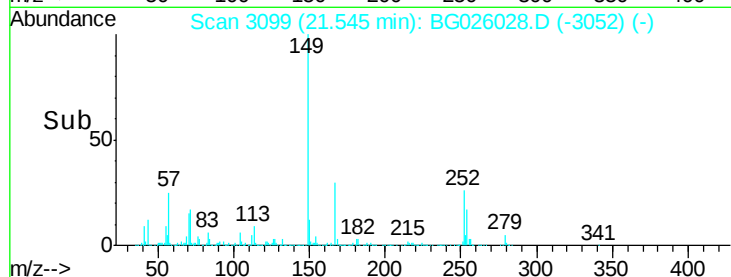
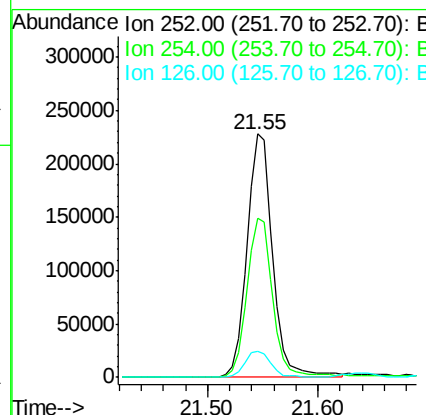
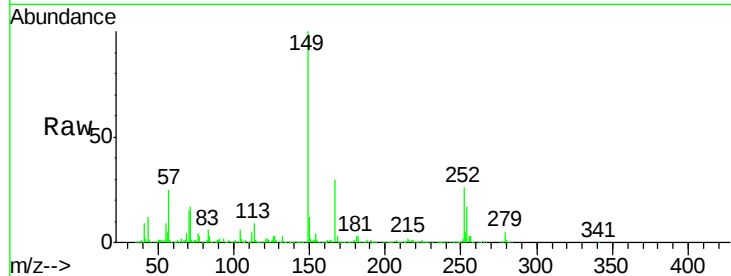
#81
 3,3'-Dichlorobenzidine
 Concen: 25.62 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	371411		
254	65.2	53.1	79.7	
126	10.8	7.0	10.4	

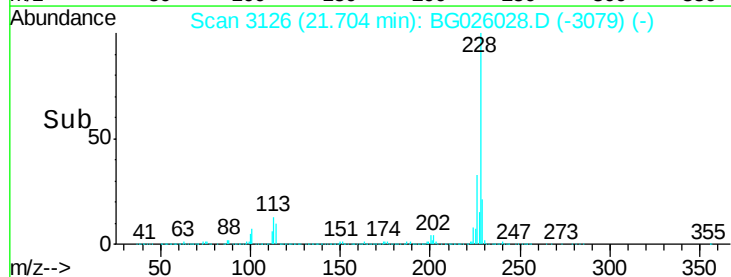
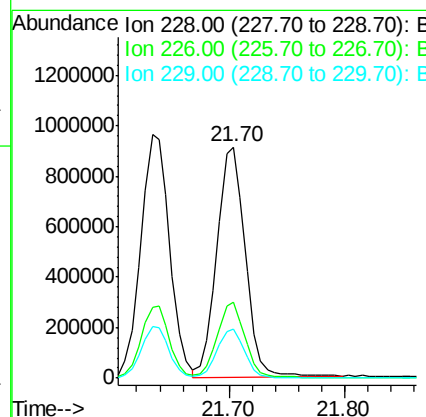
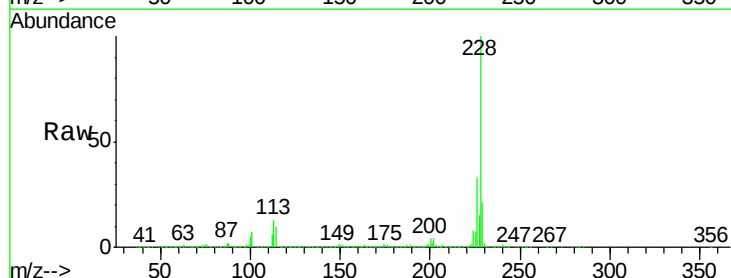
Manual Integrations
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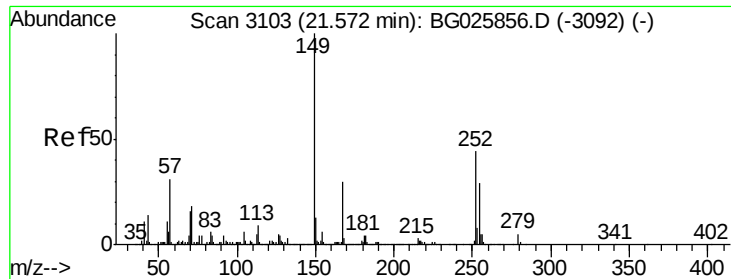
mohammad
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#82
 Chrysene
 Concen: 39.66 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1550882		
226	32.6	27.0	40.4	
229	21.0	17.8	26.6	





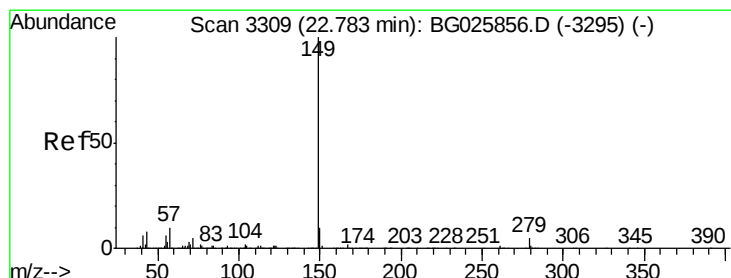
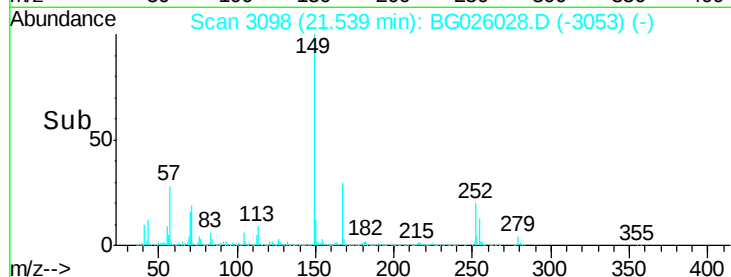
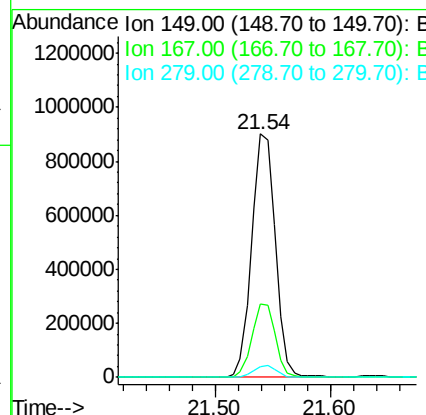
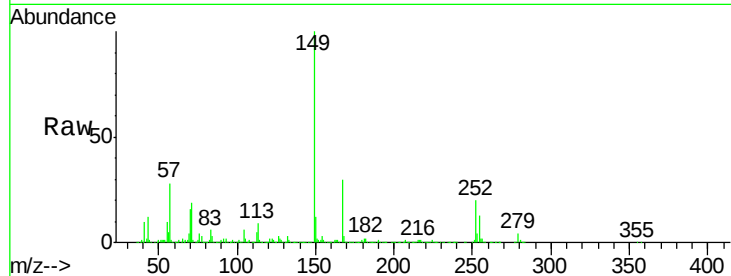
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.22 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BS

Tgt Ion:149 Resp: 1284671
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.7 35.5
 279 4.4 4.6 6.8#

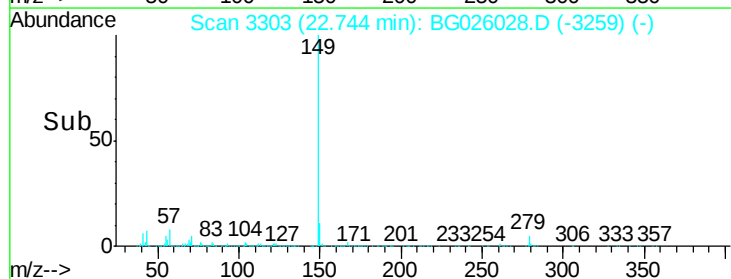
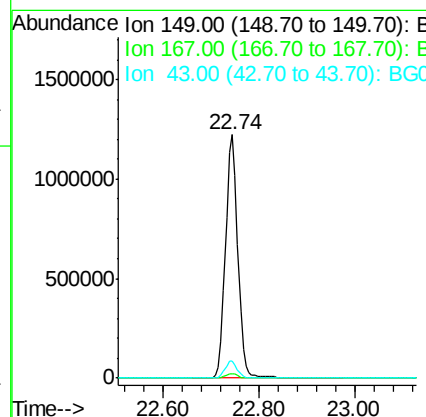
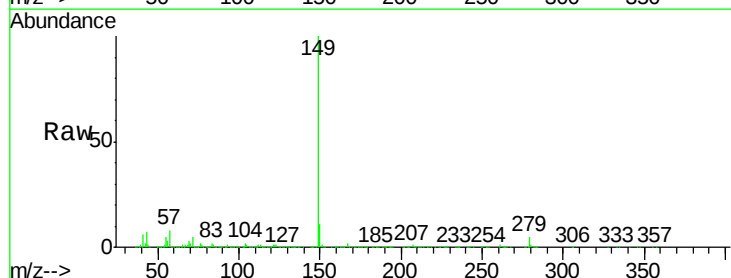
Manual Integrations
 APPROVED

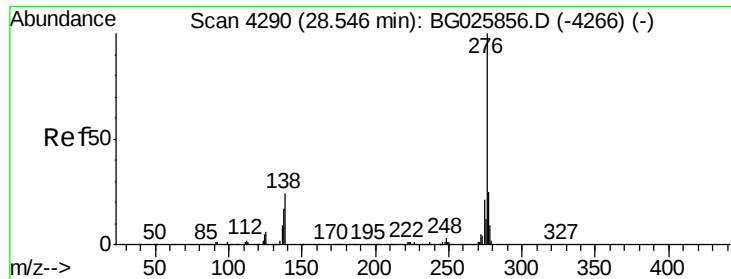
mohammad
 3/3/2017 10:56:29 AM



#84
 Di-n-octyl phthalate
 Concen: 55.32 ng
 RT: 22.74 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG026028.D
 Acq: 2 Mar 2017 14:00

Tgt Ion:149 Resp: 2205486
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.0 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.07 ng

RT: 28.50 min Scan# 4282

Delta R.T. -0.05 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion:276 Resp: 1707570

Ion Ratio Lower Upper

276 100

138 27.5 4.7 7.1#

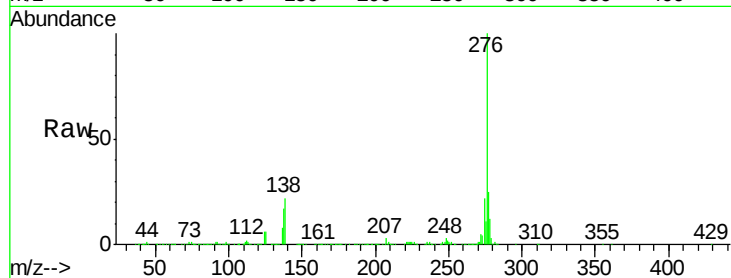
277 25.8 20.6 31.0

Manual Integrations

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mohammad

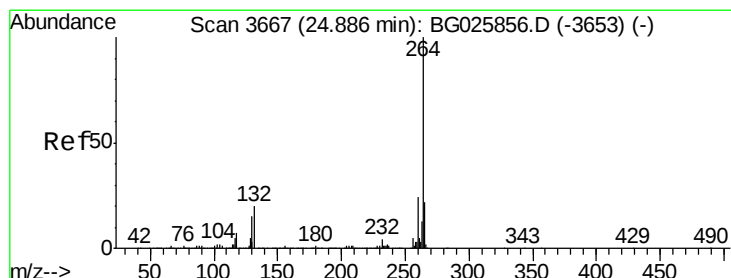
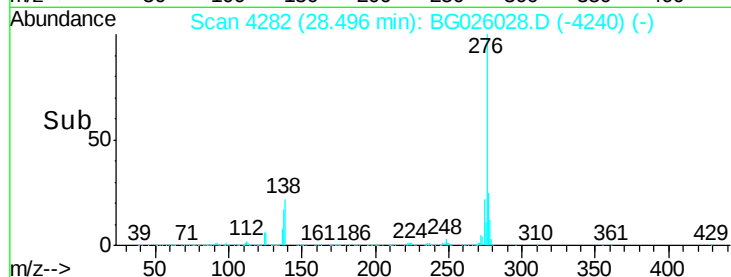
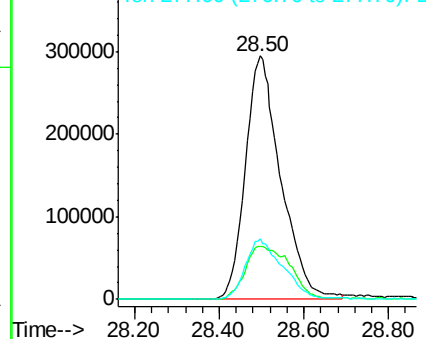
3/3/2017 10:56:29 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

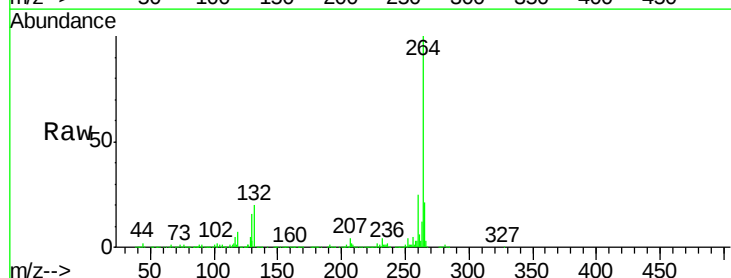
Tgt Ion:264 Resp: 646348

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

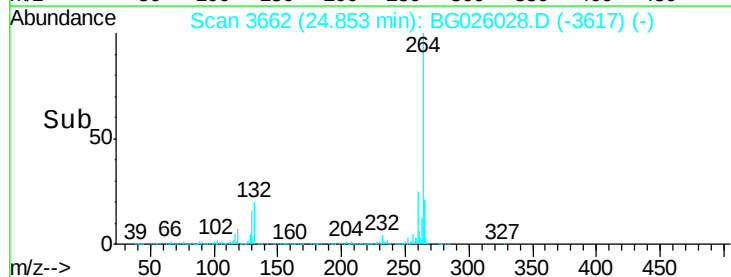
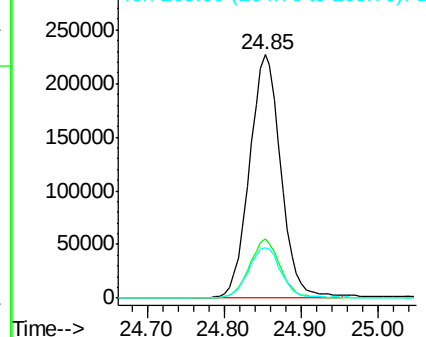
265 20.9 18.2 27.4

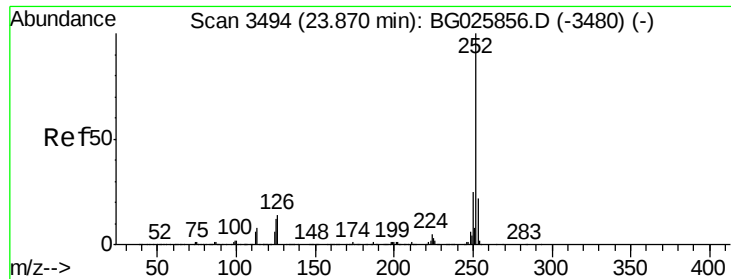


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





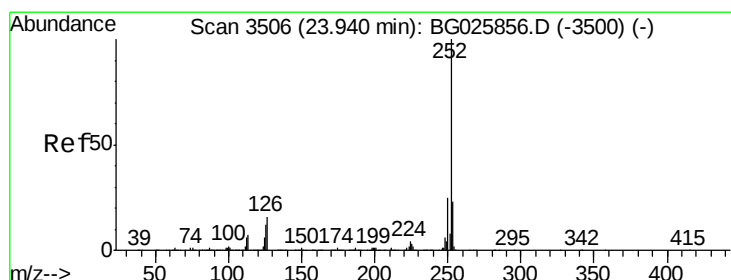
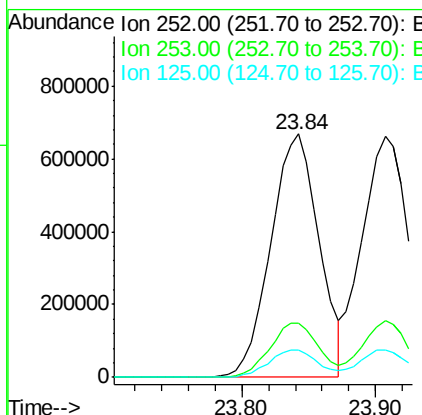
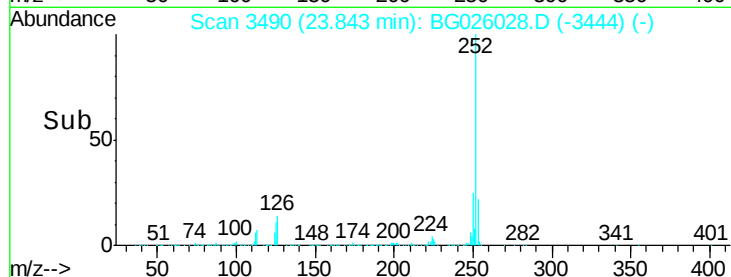
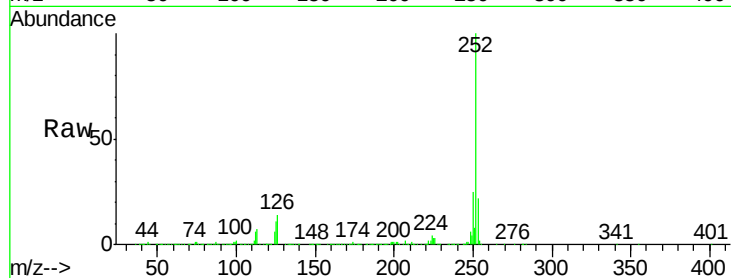
#87
Benzo(b)fluoranthene
Concen: 43.23 ng
RT: 23.84 min Scan# 3490
Delta R.T. -0.03 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Instrument :
BNA_G
ClientSampleId :
PB97261BS

Tgt Ion:252 Resp: 1673385
Ion Ratio Lower Upper
252 100
253 22.1 18.7 28.1
125 11.5 5.3 7.9#

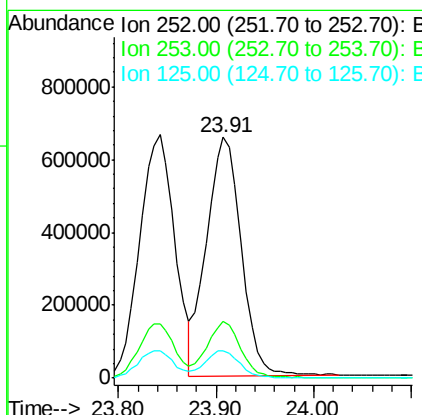
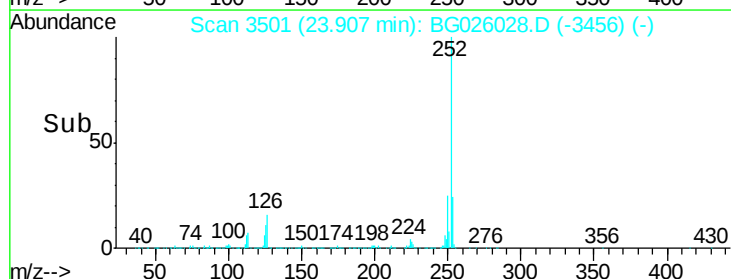
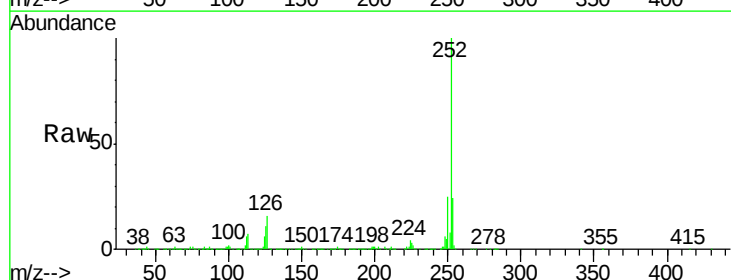
Manual Integrations
APPROVED

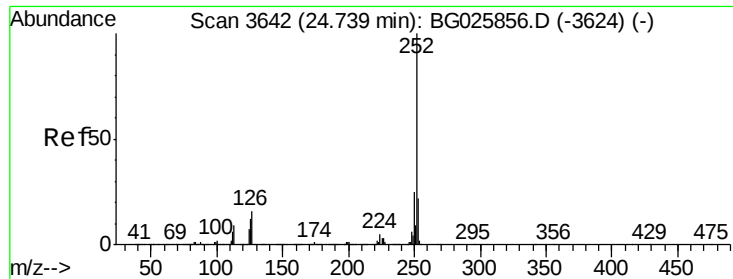
mohammad
3/3/2017 10:56:29 AM



#88
Benzo(k)fluoranthene
Concen: 42.84 ng
RT: 23.91 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BG026028.D
Acq: 2 Mar 2017 14:00

Tgt Ion:252 Resp: 1618161
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.2
125 11.5 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 42.83 ng

RT: 24.71 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion:252 Resp: 1570048

Ion Ratio Lower Upper

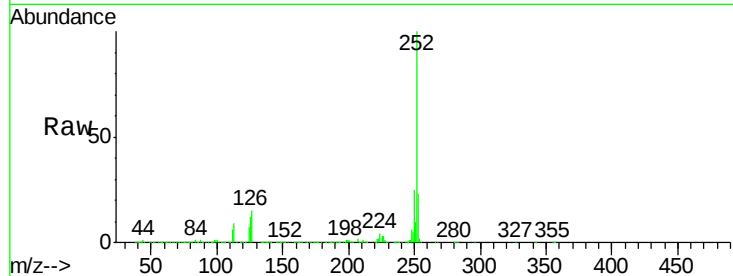
252 100

253 23.0 19.2 28.8

125 12.2 5.4 8.0#

Manual Integrations
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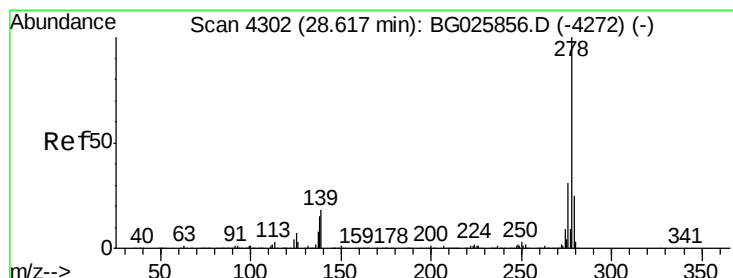
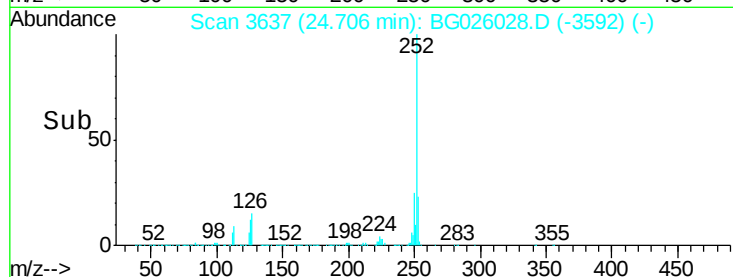
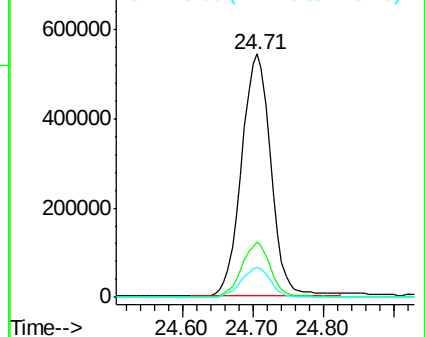
mohammad
3/3/2017 10:56:29 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.23 ng

RT: 28.56 min Scan# 4293

Delta R.T. -0.06 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

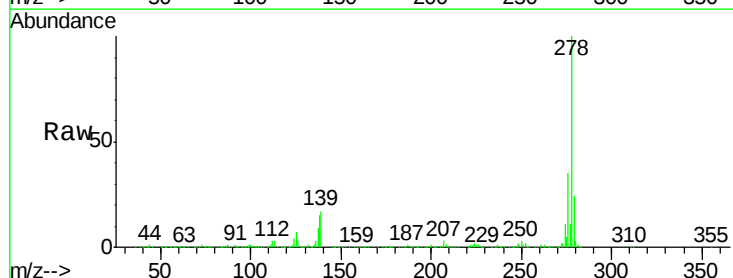
Tgt Ion:278 Resp: 1370932

Ion Ratio Lower Upper

278 100

139 17.5 7.7 11.5#

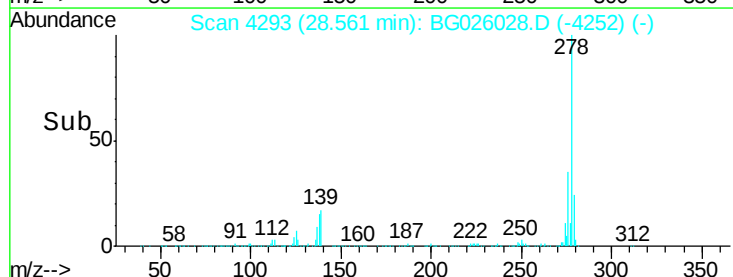
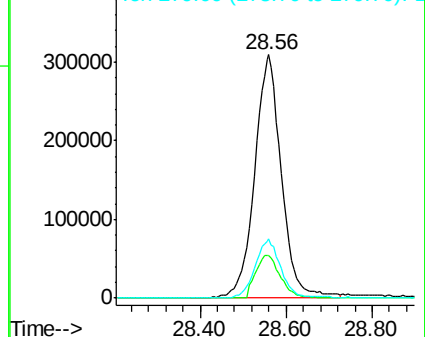
279 24.3 19.1 28.7

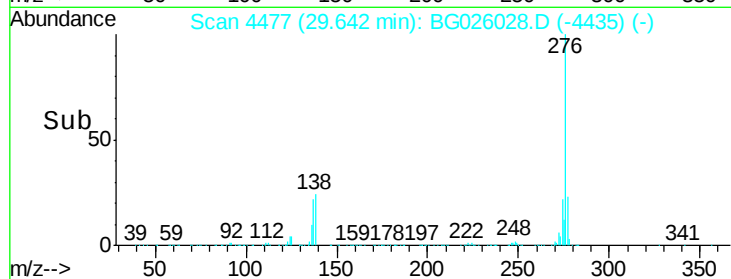
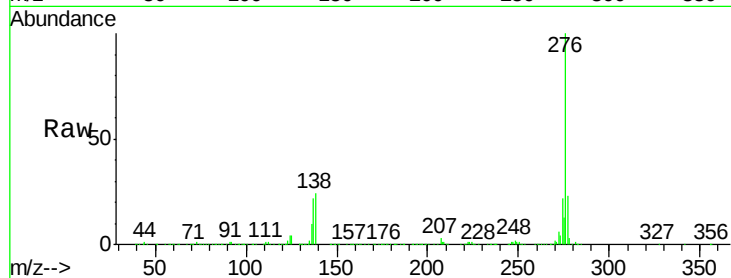
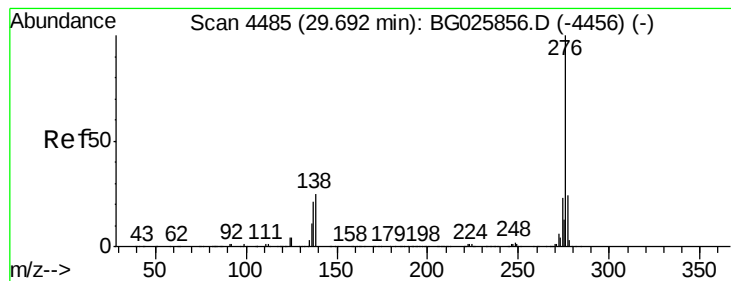


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.55 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG026028.D

Acq: 2 Mar 2017 14:00

Instrument :

BNA_G

ClientSampleId :

PB97261BS

Tgt Ion: 276 Resp: 1460111

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 23.5 8.1 12.1#

Manual Integrations

APPROVED

mohammad

3/3/2017 10:56:29 AM

