

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026330.D
 Acq On : 20 Mar 2017 17:08
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Manual Integrations
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 3/21/2017 5:22:01 PM

Quant Time: Mar 20 17:43:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	114605	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	502257	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	291625	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	696359	20.00	ng	0.00
75) Chrysene-d12	21.64	240	774140	20.00	ng	0.00
86) Perylene-d12	24.82	264	766245	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	529174	81.95	ng	0.00
7) Phenol-d6	7.21	99	717210	82.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	682763	81.74	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	278231	83.31	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1669644	80.29	ng	0.00
78) Terphenyl-d14	19.98	244	2616528	82.08	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	118033	40.73	ng	# 74
3) Pyridine	3.91	79	331180	41.72	ng	# 66
4) n-Nitrosodimethylamine	3.81	42	88356	40.73	ng	# 1
6) Aniline	7.37	93	472989	40.85	ng	# 90
8) 2-Chlorophenol	7.61	128	297190	40.87	ng	# 83
9) Benzaldehyde	7.18	77	242923	41.51	ng	# 70
10) Phenol	7.23	94	378375	40.90	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	313000	41.26	ng	# 84
12) 1,3-Dichlorobenzene	7.94	146	354188	40.92	ng	# 86
13) 1,4-Dichlorobenzene	8.08	146	364360m	41.62	ng	# 90
14) 1,2-Dichlorobenzene	8.40	146	346812	41.39	ng	# 77
15) Benzyl Alcohol	8.28	79	236369	41.59	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.57	45	331657	39.37	ng	# 80
17) 2-Methylphenol	8.48	107	272274	41.44	ng	# 89
18) Hexachloroethane	9.13	117	119663	41.80	ng	# 72
19) n-Nitroso-di-n-propylamine	8.85	70	226019	40.56	ng	# 86
20) 3+4-Methylphenols	8.81	107	379506	41.96	ng	# 75
22) Acetophenone	8.87	105	469814	40.68	ng	# 90
24) Nitrobenzene	9.25	77	333345	40.42	ng	# 64
25) Isophorone	9.77	82	639686	40.63	ng	# 85
26) 2-Nitrophenol	9.96	139	177039	41.25	ng	# 98
27) 2,4-Dimethylphenol	10.01	122	290795	41.28	ng	# 94
28) bis(2-Chloroethoxy)methane	10.25	93	414072	40.49	ng	# 99
29) 2,4-Dichlorophenol	10.49	162	295592	41.49	ng	# 100
30) 1,2,4-Trichlorobenzene	10.71	180	323246	40.39	ng	# 78
31) Naphthalene	10.90	128	1030905	40.60	ng	# 83
32) Benzoic acid	10.15	122	217115	40.06	ng	# 97
33) 4-Chloroaniline	11.00	127	419040	40.57	ng	# 61
34) Hexachlorobutadiene	11.19	225	190722	40.40	ng	# 80
35) Caprolactam	11.76	113	115539	41.16	ng	# 91
36) 4-Chloro-3-methylphenol	12.12	107	311715	40.90	ng	# 98
37) 2-Methylnaphthalene	12.50	142	753077	40.49	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	356324	40.61	ng	# 97
40) Hexachlorocyclopentadiene	12.84	237	188382	40.79	ng	

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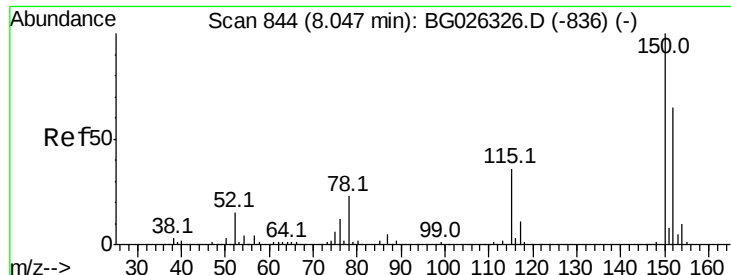
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	234253	40.78	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	258771	40.75	nq #	92
45) 1,1'-Biphenyl	13.50	154	974404	40.35	nq	96
46) 2-Chloronaphthalene	13.54	162	705138	39.98	nq	97
47) 2-Nitroaniline	13.73	65	208416	41.55	nq #	63
48) Acenaphthylene	14.38	152	1239790	40.32	nq	99
49) Dimethylphthalate	14.11	163	908341	41.27	nq	97
50) 2,6-Dinitrotoluene	14.22	165	220646	42.95	nq #	62
51) Acenaphthene	14.72	154	760140	40.14	nq	98
52) 3-Nitroaniline	14.55	138	238517	42.17	nq #	70
53) 2,4-Dinitrophenol	14.76	184	122375	41.06	nq #	78
54) Dibenzofuran	15.05	168	1084782	40.69	nq	90
55) 4-Nitrophenol	14.86	139	198940	42.95	nq #	42
56) 2,4-Dinitrotoluene	15.01	165	309917	42.89	nq #	72
57) Fluorene	15.70	166	970115	40.89	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	227903	41.15	nq	99
59) Diethylphthalate	15.46	149	923497	41.05	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	457806	40.72	nq	93
61) 4-Nitroaniline	15.71	138	253200	42.32	nq #	53
62) Azobenzene	15.98	77	744205	40.68	nq	81
64) 4,6-Dinitro-2-methylphenol	15.78	198	190091	43.30	nq	84
65) n-Nitrosodiphenylamine	15.90	169	831664	40.69	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	300069	41.87	nq	96
67) Hexachlorobenzene	16.70	284	307352	40.20	nq	93
68) Atrazine	16.84	200	318216	41.13	nq	96
69) Pentachlorophenol	17.04	266	206972	41.64	nq	98
70) Phenanthrene	17.43	178	1507518	40.31	nq	97
71) Anthracene	17.52	178	1566401	41.06	nq	100
72) Carbazole	17.78	167	1594704	40.60	nq	97
73) Di-n-butylphthalate	18.34	149	1660014	41.13	nq #	94
74) Fluoranthene	19.43	202	1806210	41.08	nq	95
76) Benzidine	19.60	184	1108978	41.55	nq	96
77) Pyrene	19.79	202	1871364	41.75	nq	99
79) Butylbenzylphthalate	20.66	149	745282	41.55	nq	86
80) Benzo(a)anthracene	21.62	228	1748028	40.13	nq	98
81) 3,3'-Dichlorobenzidine	21.53	252	707488	39.67	nq #	98
82) Chrysene	21.68	228	1681437	40.40	nq	99
83) Bis(2-ethylhexyl)phthalate	21.52	149	1101936	40.68	nq	98
84) Di-n-octyl phthalate	22.71	149	1899594	41.09	nq #	82
85) Indeno(1,2,3-cd)pyrene	28.45	276	2128714	41.42	nq #	87
87) Benzo(b)fluoranthene	23.81	252	1835191	40.63	nq #	96
88) Benzo(k)fluoranthene	23.88	252	1779274	40.62	nq #	94
89) Benzo(a)pyrene	24.67	252	1757890	40.58	nq #	94
90) Dibenzo(a,h)anthracene	28.51	278	1790690	40.90	nq #	94
91) Benzo(g,h,i)perylene	29.59	276	1794743	40.68	nq #	87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

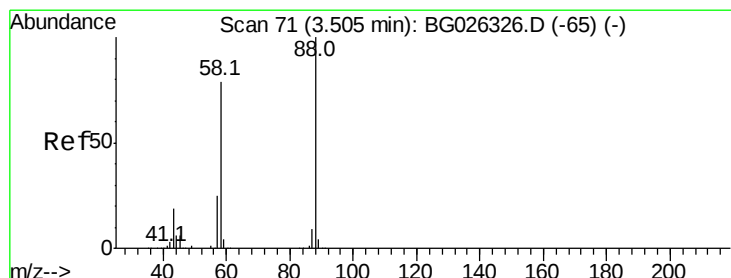
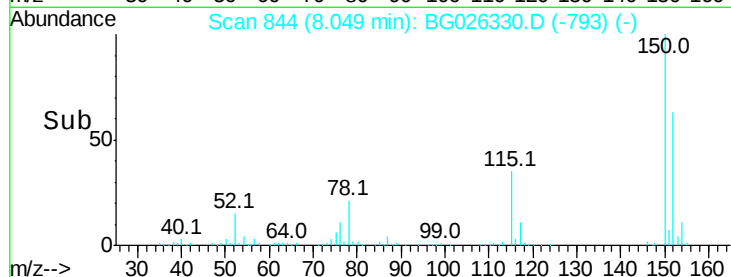
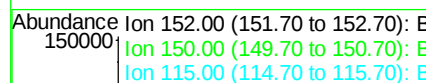
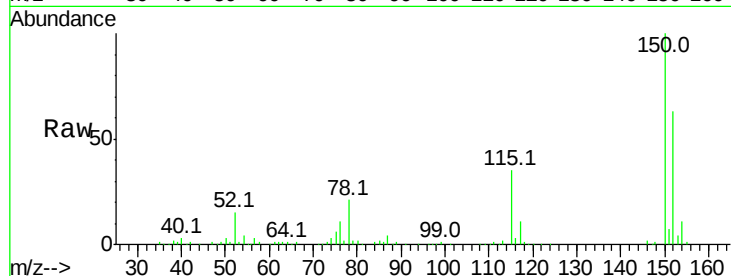
ClientSampleId :

ICVBG032017

Tot Ion:	152	Resp:	114605
Ion Ratio	Lower	Upper	
152	100		
150	157.7	114.0	171.0
115	55.6	48.1	72.1

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#2

1,4-Dioxane

Concen: 40.73 ng

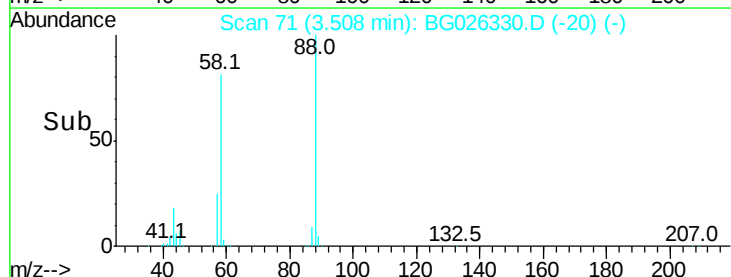
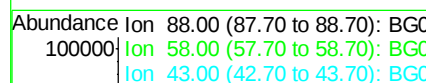
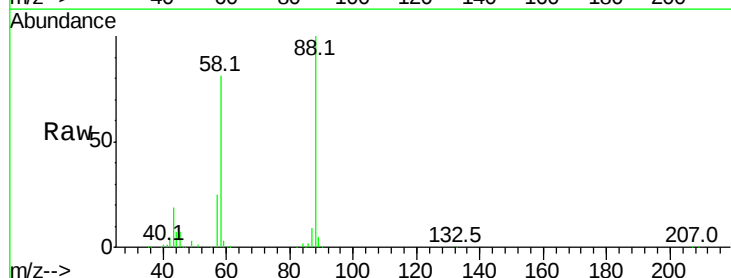
RT: 3.51 min Scan# 71

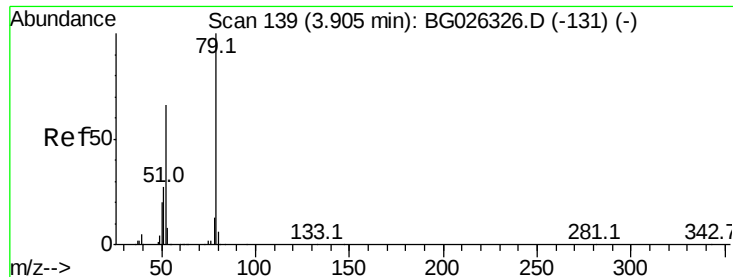
Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion:	88	Resp:	118033
Ion Ratio	Lower	Upper	
88	100		
58	78.3	79.4	119.2#
43	18.5	33.8	50.6#





#3

Pvridine

Concen: 41.72 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

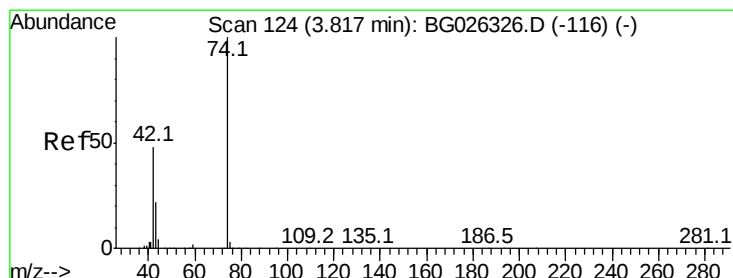
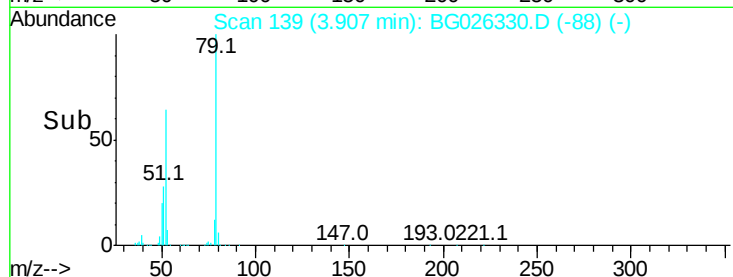
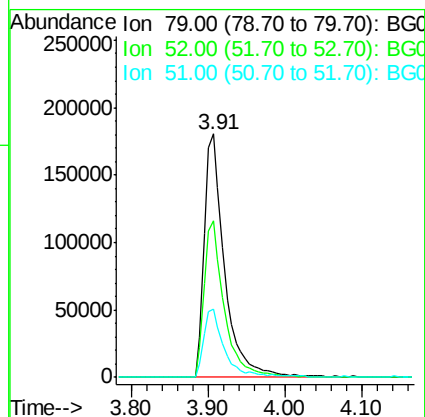
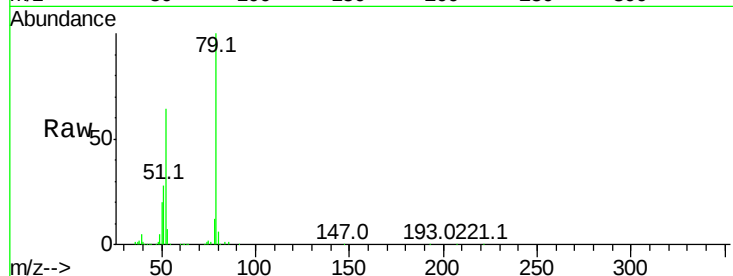
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.2	77.8	116.6#
51	28.2	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 40.73 ng

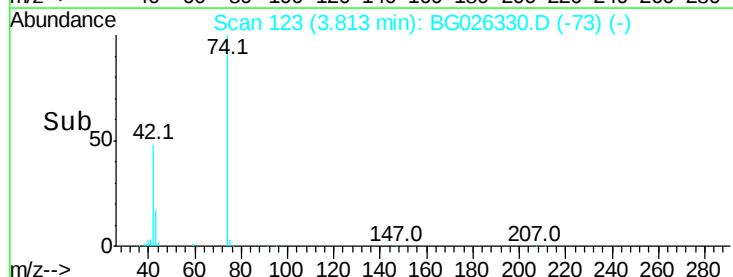
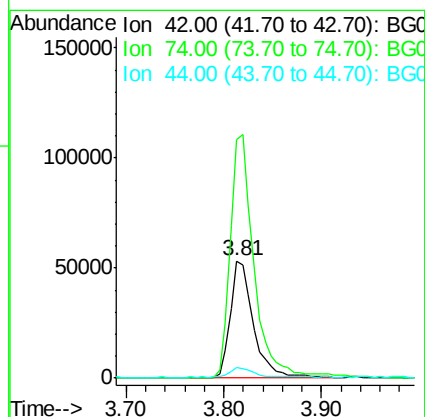
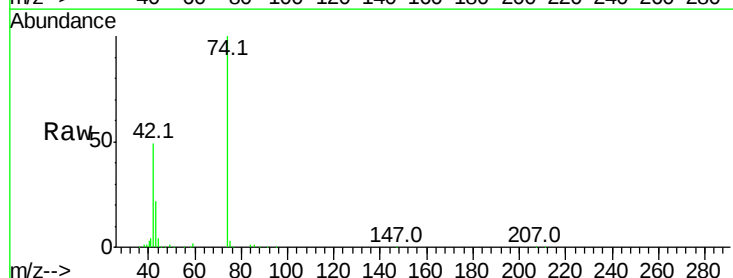
RT: 3.81 min Scan# 123

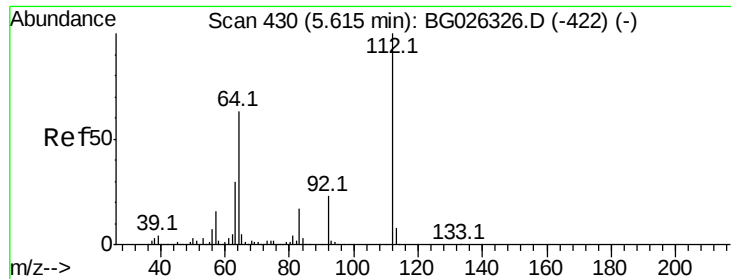
Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	202.9	76.7	115.1#
44	8.9	6.1	9.1





#5

2-Fluorophenol

Concen: 81.95 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

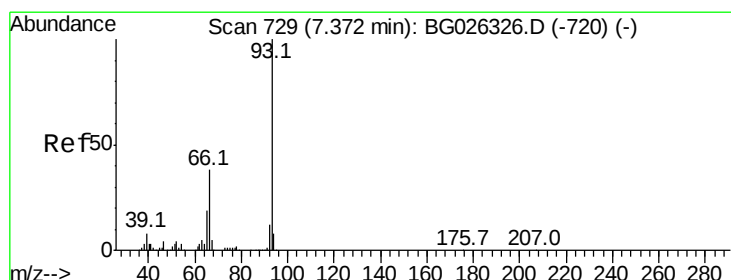
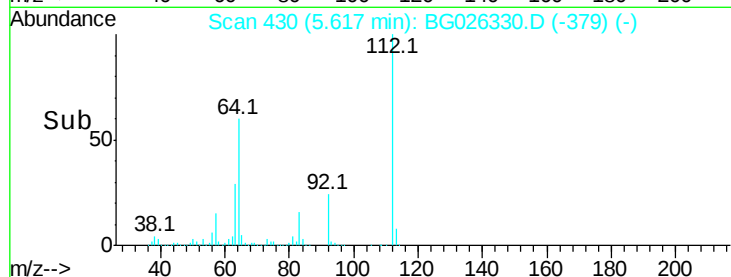
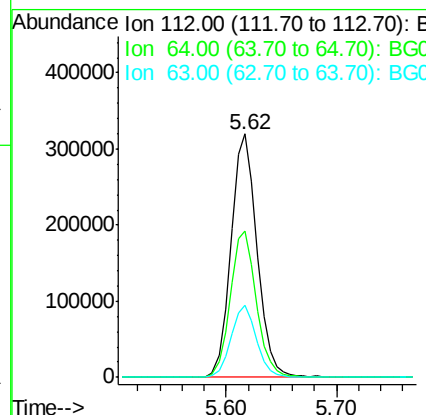
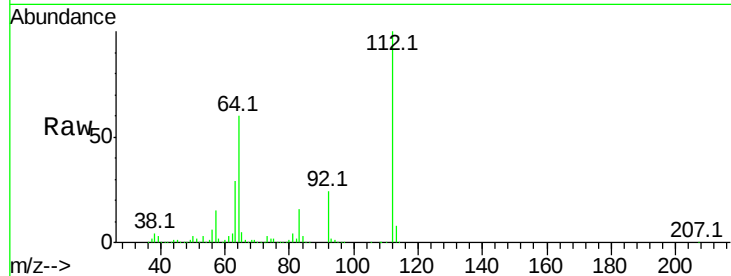
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	529174		
64	60.3	61.8	92.6#	
63	29.5	37.2	55.8#	

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#6

Aniline

Concen: 40.85 ng

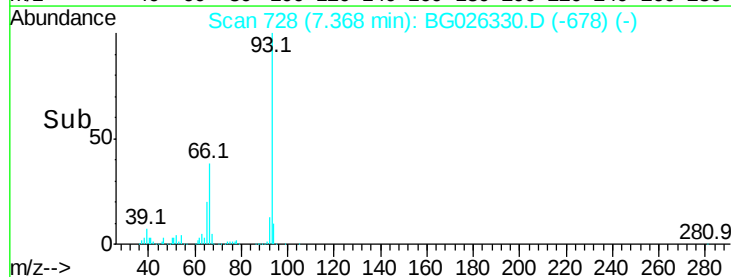
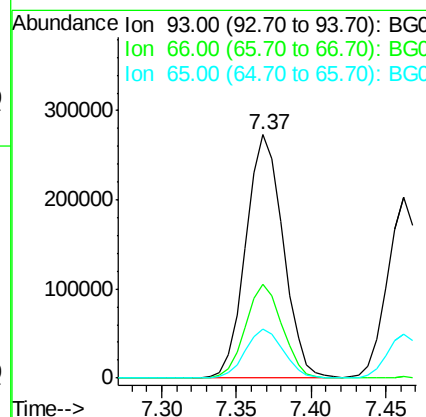
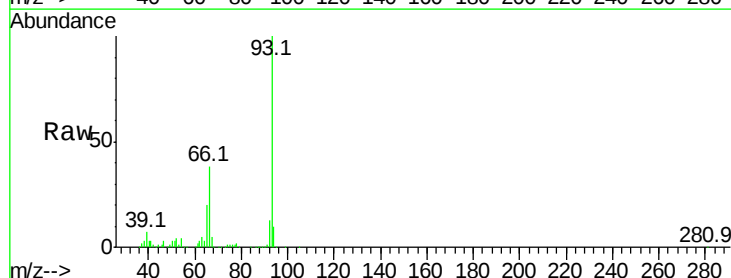
RT: 7.37 min Scan# 728

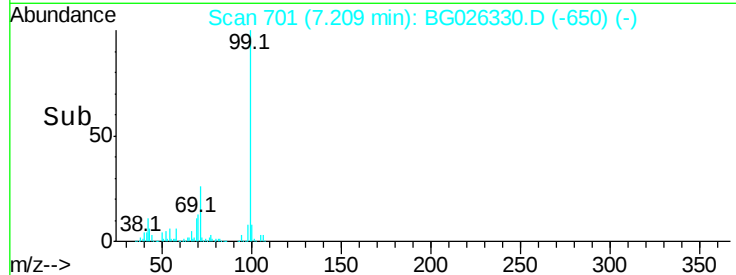
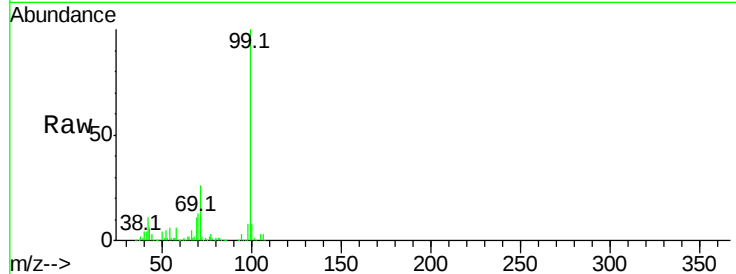
Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	472989		
66	38.4	35.4	53.2	
65	20.3	21.2	31.8#	





#7

Phenol-d6

Concen: 82.74 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tot Ion:	99	Resp:	717210
Ion Ratio	Lower	Upper	
99	100		
42	10.8	20.5	30.7#
71	25.8	37.6	56.4#

Instrument :

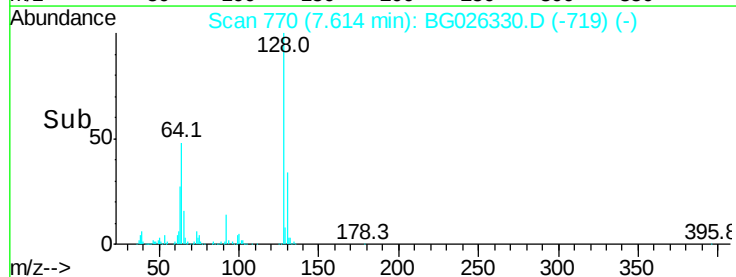
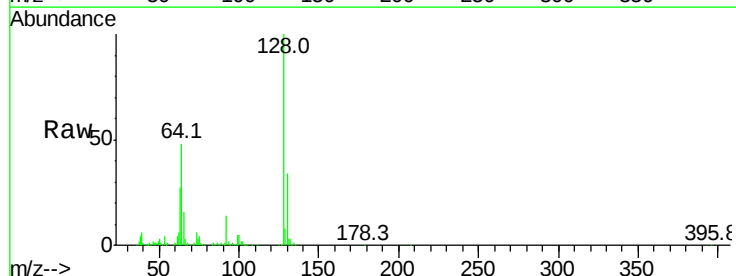
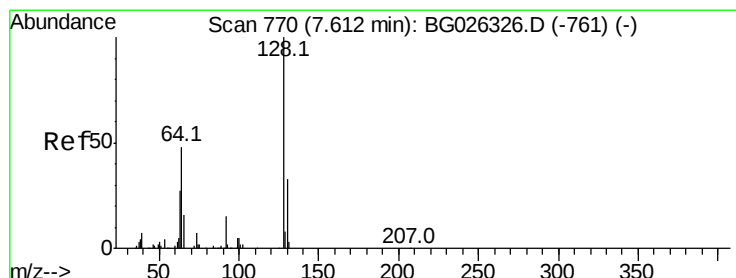
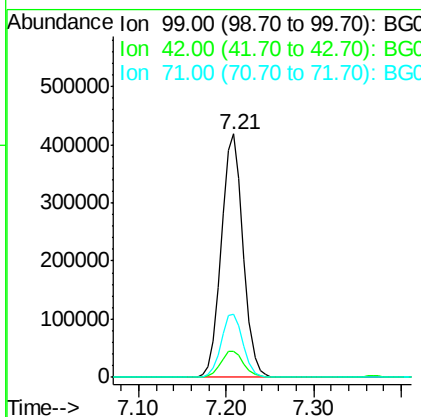
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#8

2-Chlorophenol

Concen: 40.87 ng

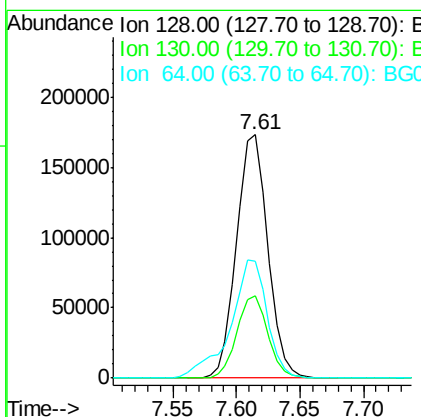
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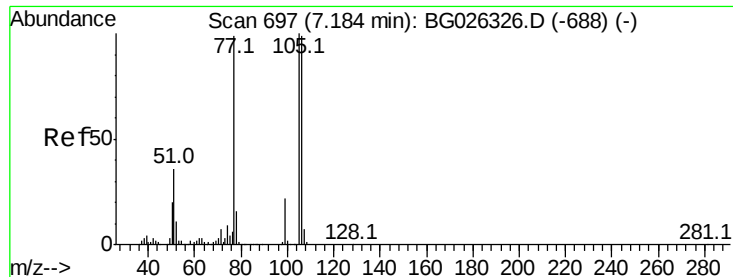
Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion:	128	Resp:	297190
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.4	51.4
64	47.9	46.6	86.6





#9

Benzaldehyde

Concen: 41.51 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

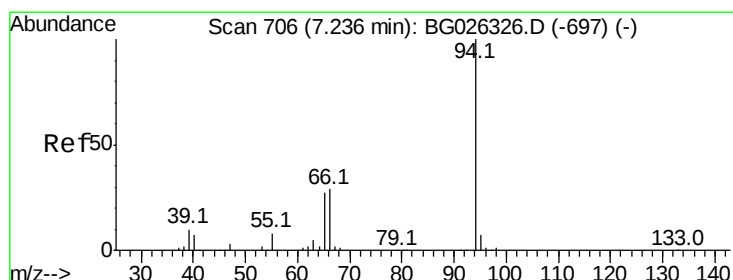
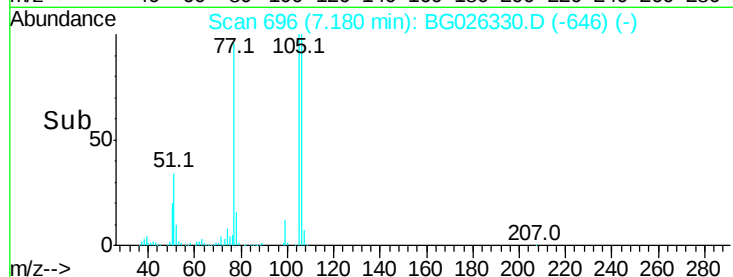
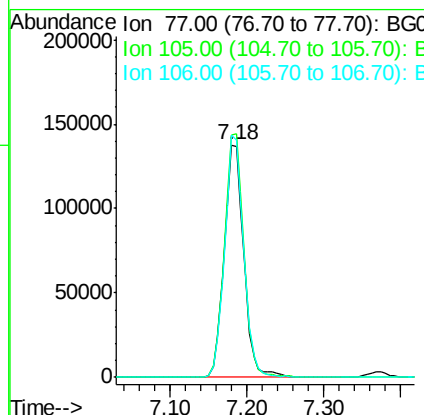
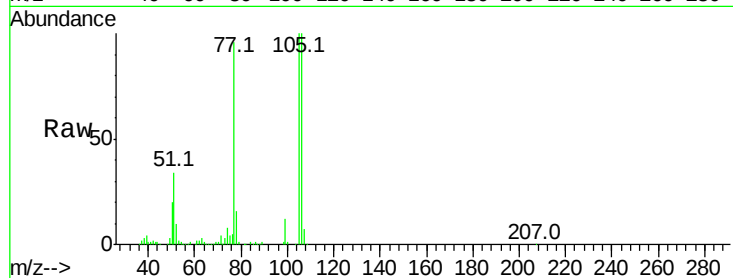
ClientSampleId :

ICVBG032017

Tot Ion:	77	Resp:	242923
Ion	Ratio	Lower	Upper
77	100		
105	103.9	60.9	100.9#
106	104.0	55.1	95.1#

Manual Integrations
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#10

Phenol

Concen: 40.90 ng

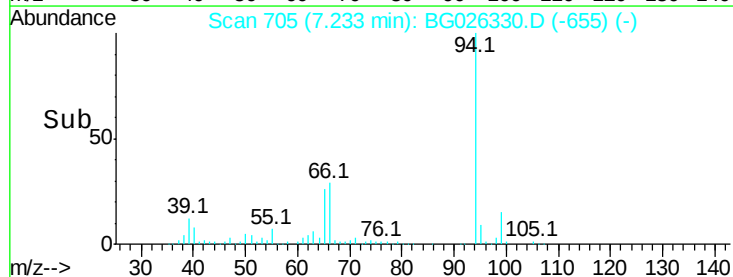
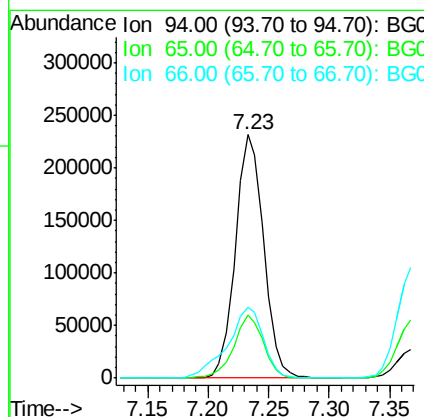
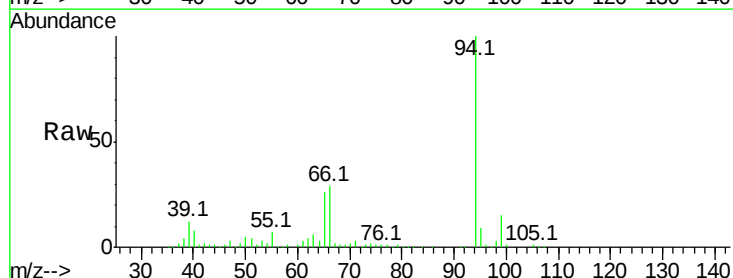
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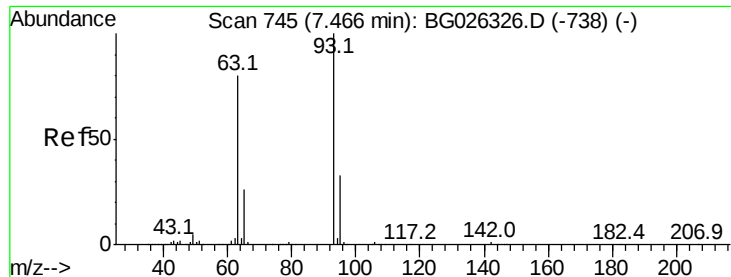
Delta R.T. -0.00 min

Lab File: BG026330.D

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Tgt Ion:	94	Resp:	378375
Ion	Ratio	Lower	Upper
94	100		
65	25.8	20.6	60.6
66	29.2	35.5	75.5#





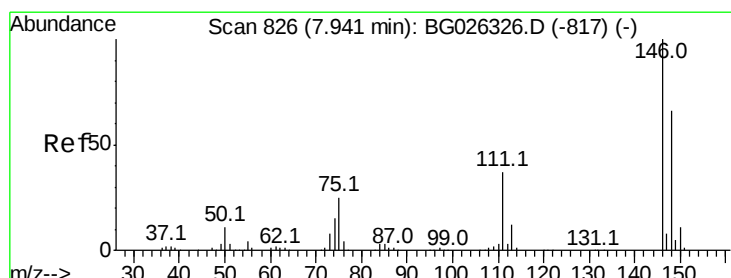
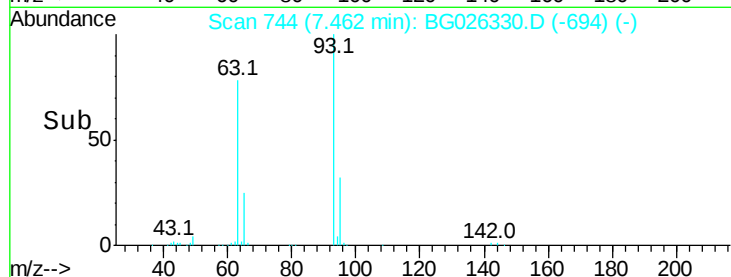
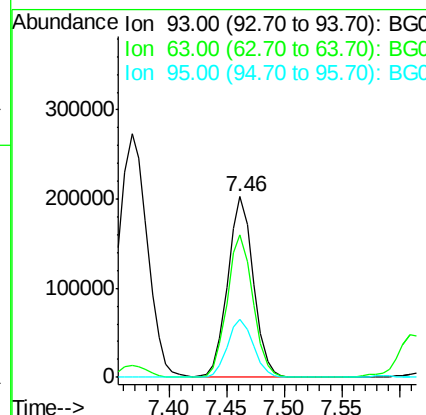
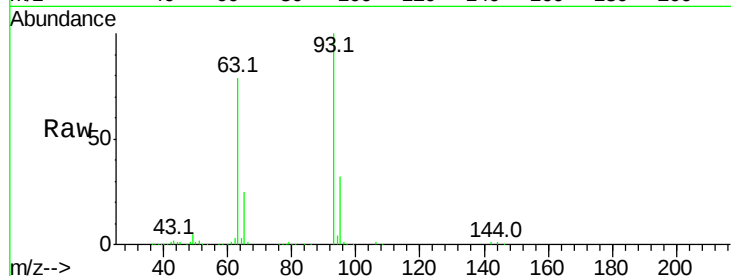
#11
bis(2-Chloroethyl)ether
Concen: 41.26 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	78.5	118.5
95	32.4	9.8	49.8

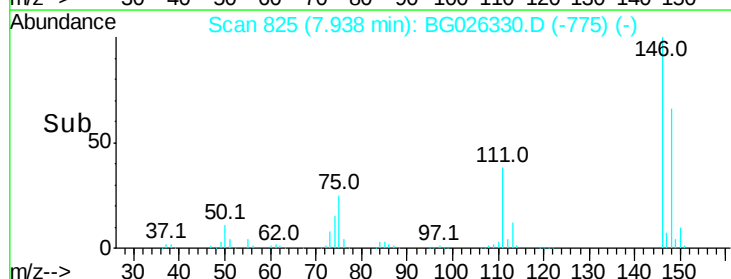
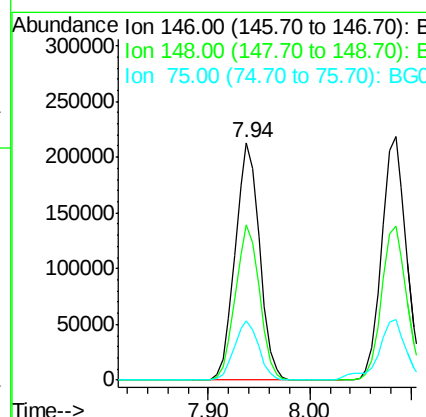
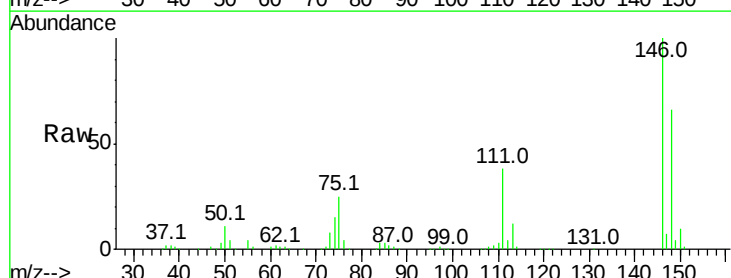
Manual Integrations
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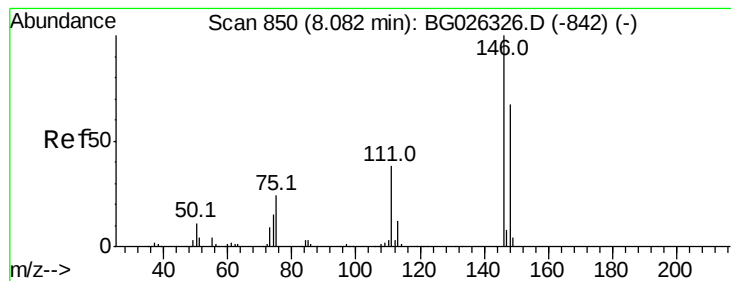
mohammad
3/21/2017 5:22:01 PM



#12
1,3-Dichlorobenzene
Concen: 40.92 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.2	73.8
75	24.9	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 41.62 ng m

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

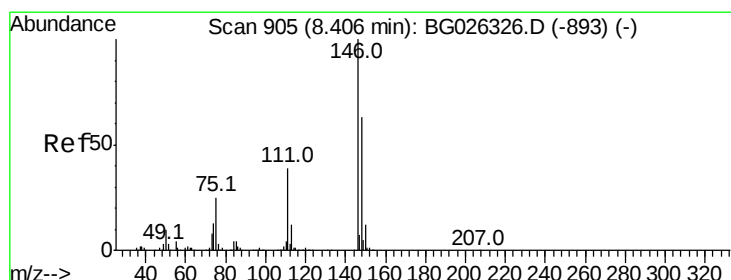
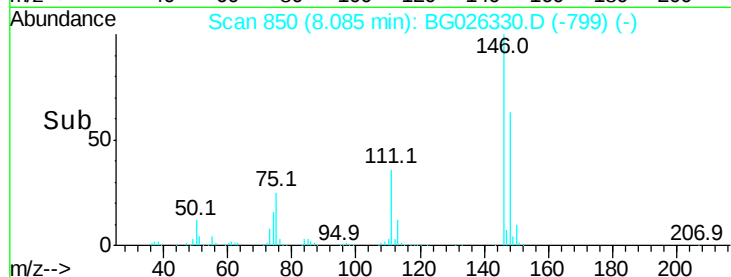
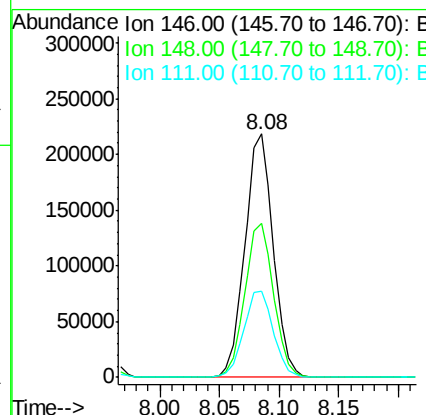
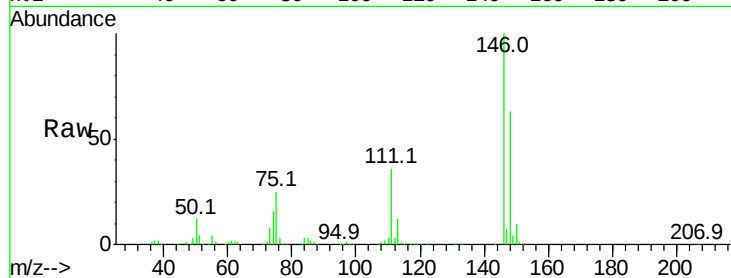
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	35.5	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 41.39 ng

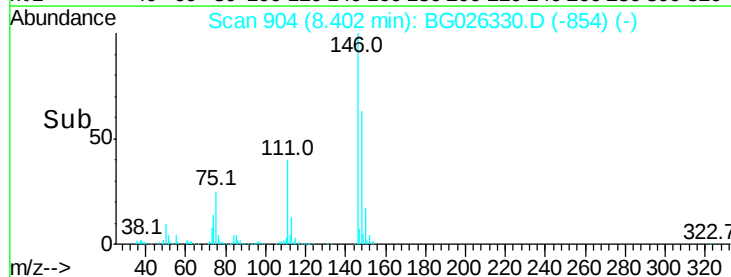
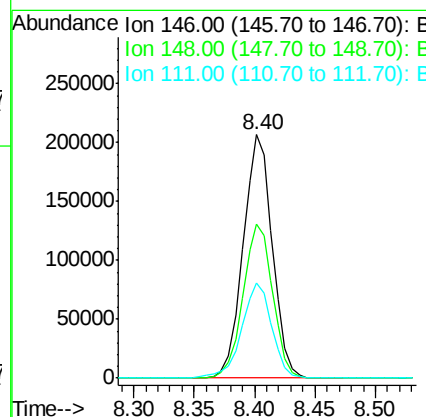
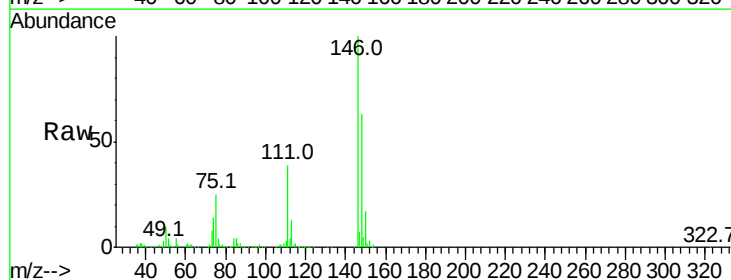
RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.6	81.8
111	39.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 41.59 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

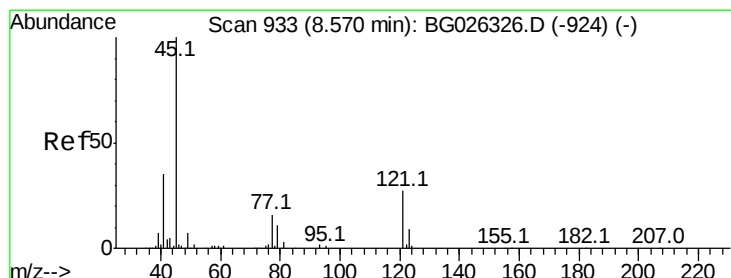
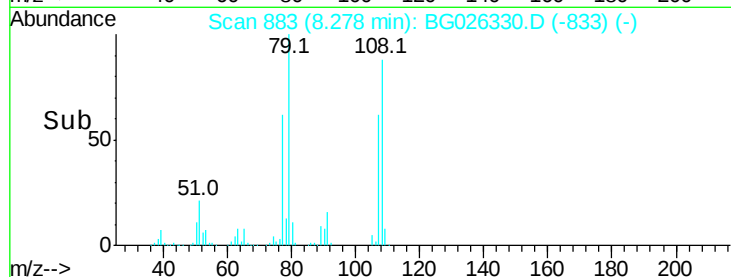
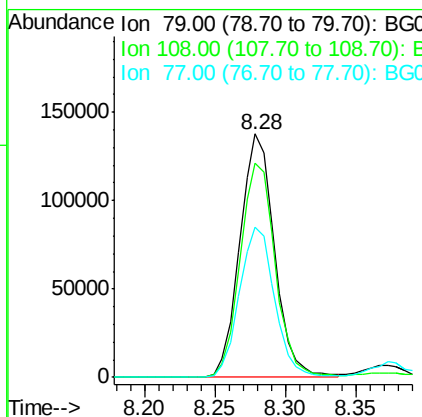
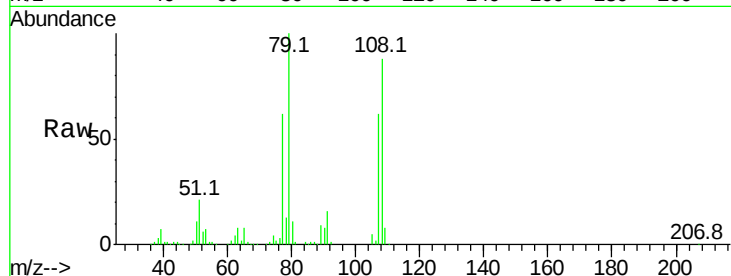
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.1	45.5	68.3#
77	61.9	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.37 ng

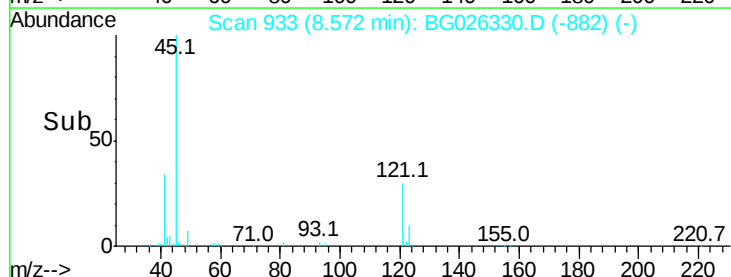
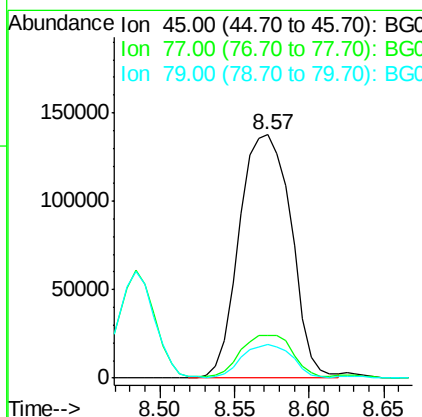
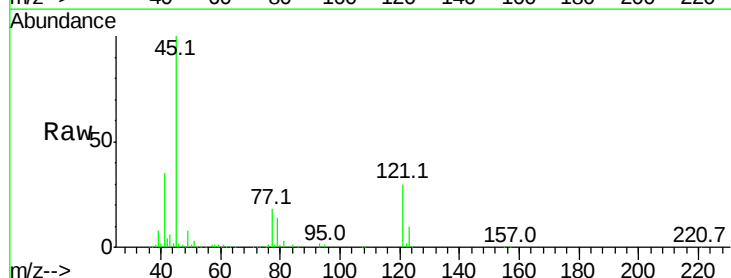
RT: 8.57 min Scan# 933

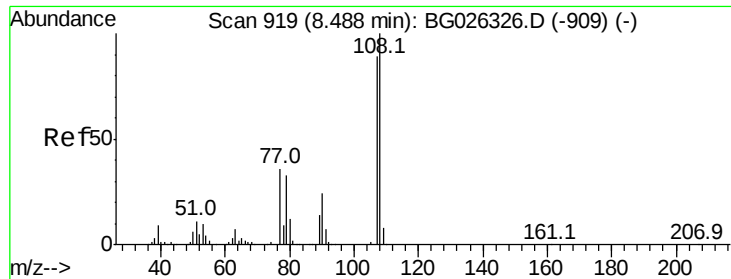
Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	30.6
79	13.8	0.0	28.5





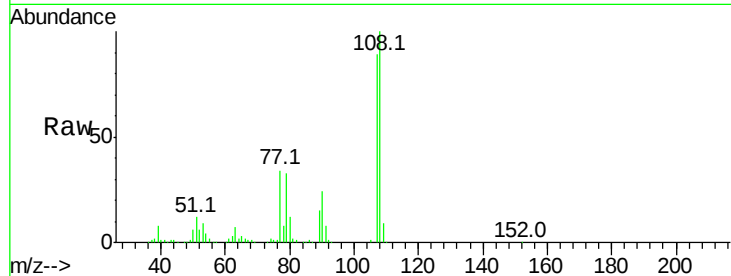
#17
2-Methylphenol
Concen: 41.44 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	85.6	128.4
77	37.7	51.4	77.2#
79	37.2	49.2	73.8#

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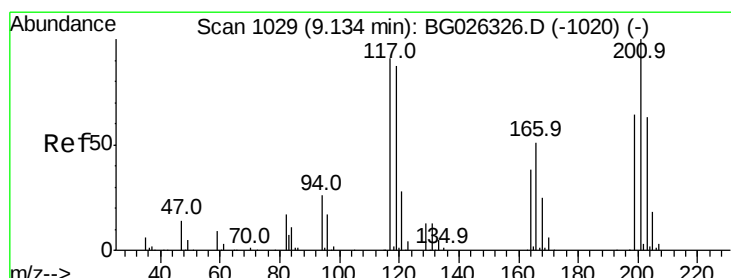
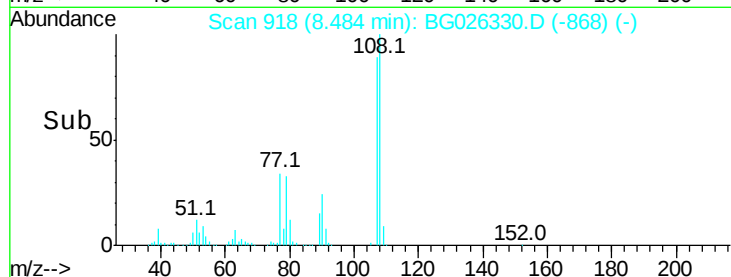
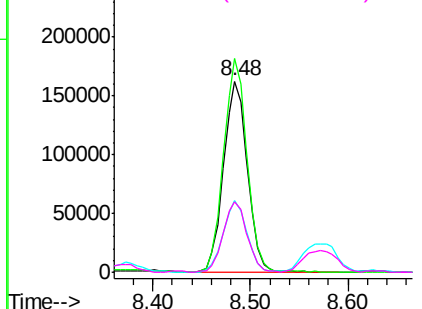
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.80 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

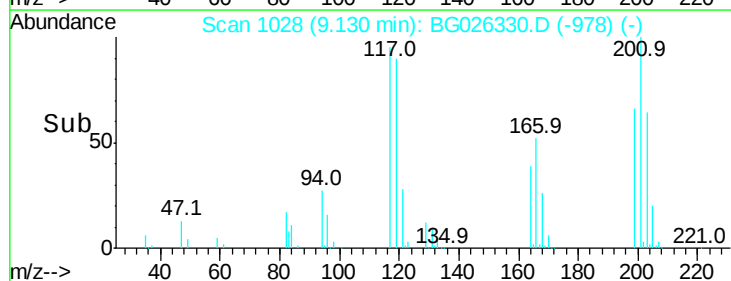
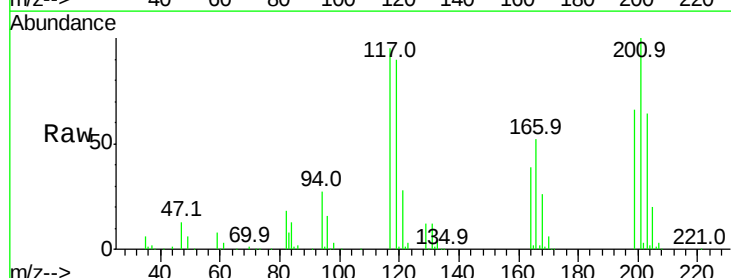
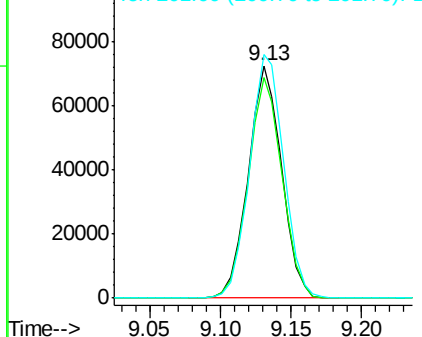
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	69.8	104.6
201	104.8	95.4	143.0

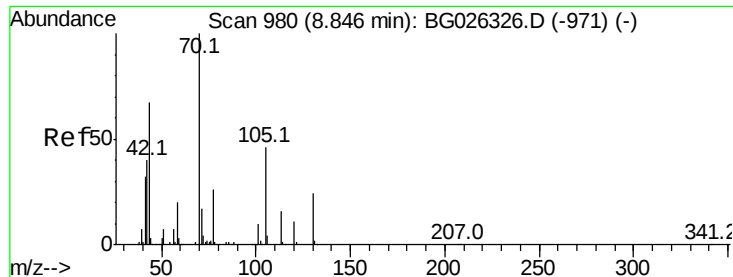
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





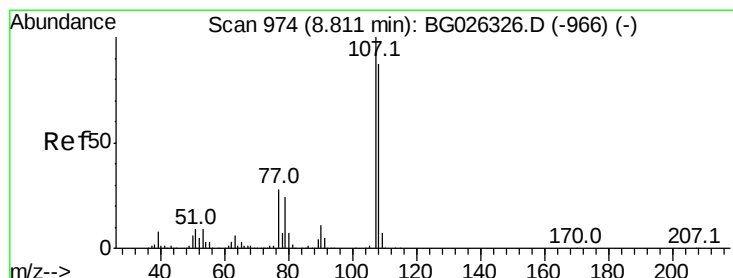
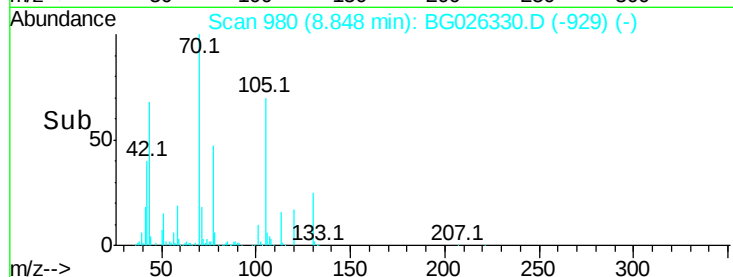
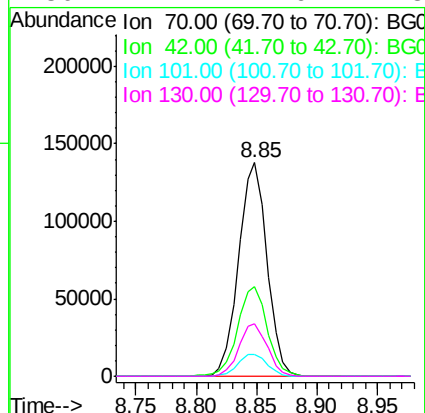
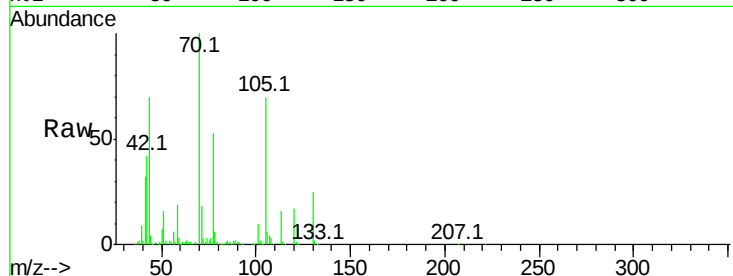
#19
n-Nitroso-di-n-propylamine
Concen: 40.56 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.7	56.1	84.1#
101	10.5	7.5	11.3
130	24.7	14.6	21.8#

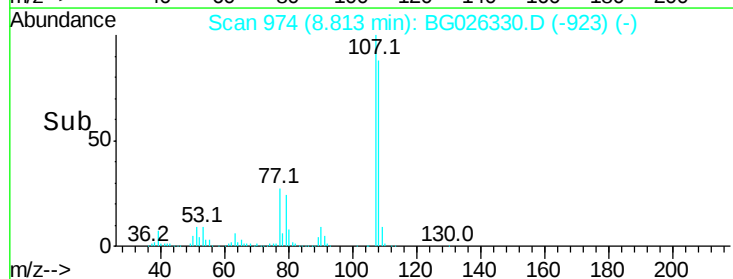
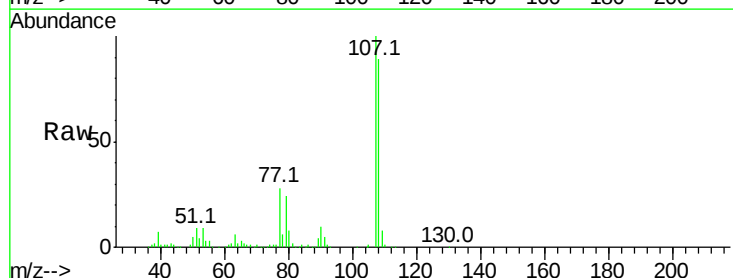
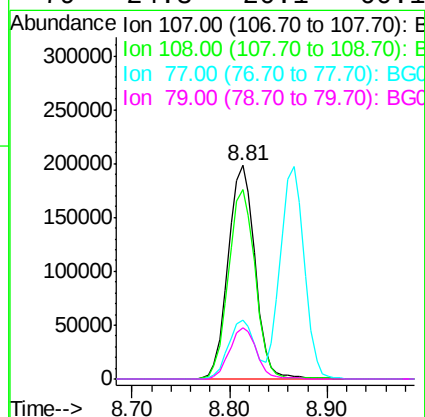
Manual Integrations
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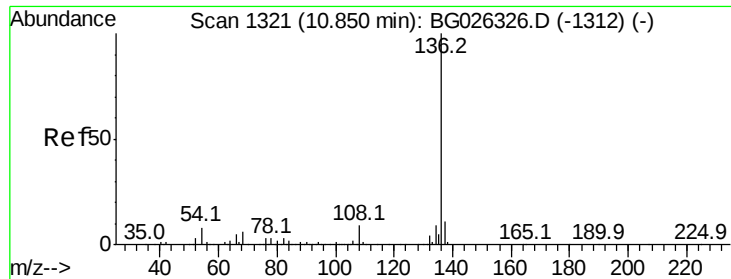
mohammad
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#20
3+4-Methylphenols
Concen: 41.96 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.8	110.8
77	27.7	25.8	65.8
79	24.3	20.1	60.1





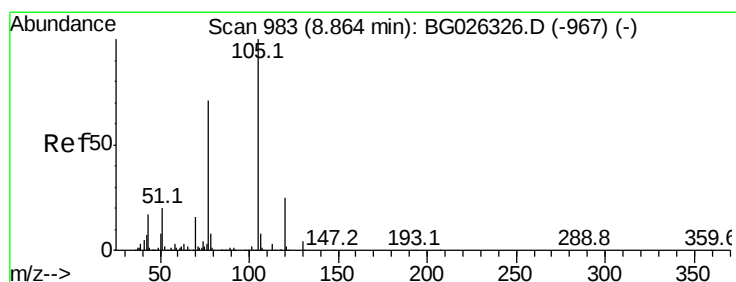
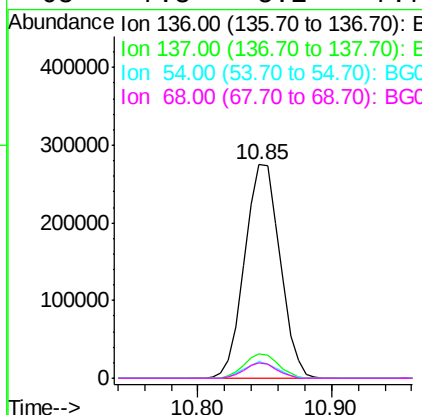
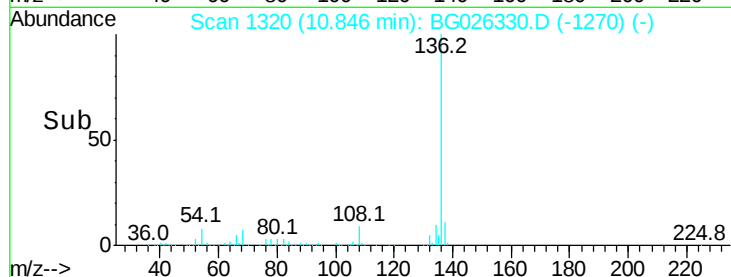
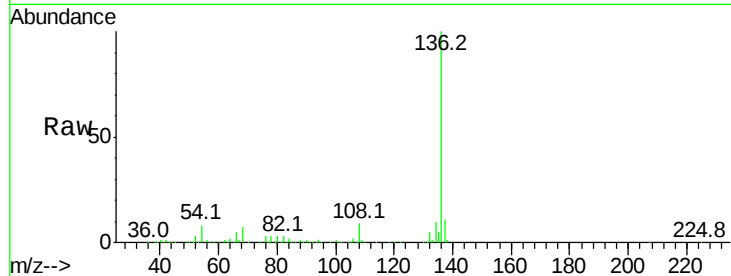
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
136	100	502257		
137	11.2	8.9	13.3	
54	7.9	9.3	13.9	
68	7.3	5.1	7.7	

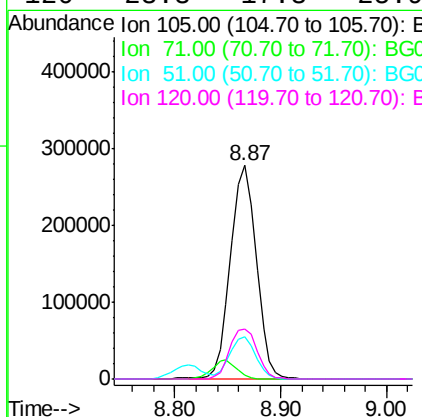
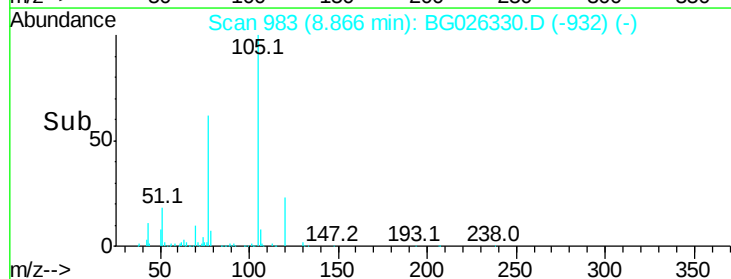
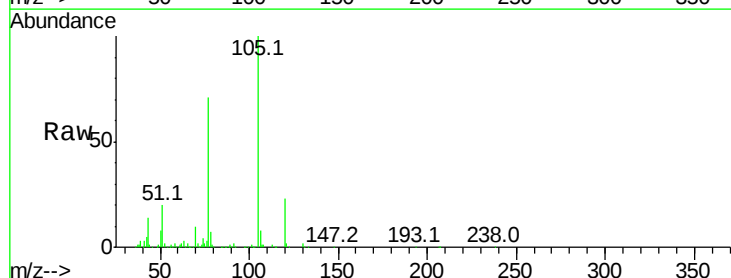
Manual Integrations
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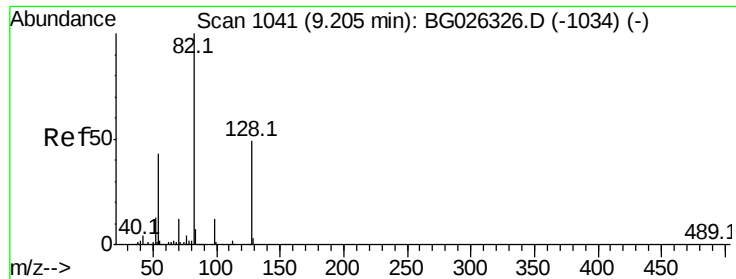
mohammad
3/21/2017 5:22:01 PM



#22
Acetophenone
Concen: 40.68 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	469814		
71	1.6	0.9	1.3	
51	19.6	34.0	51.0	
120	23.3	17.3	25.9	





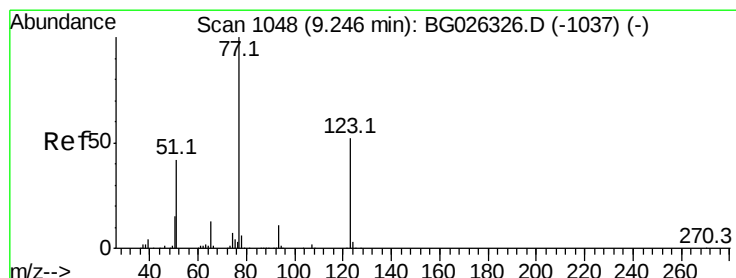
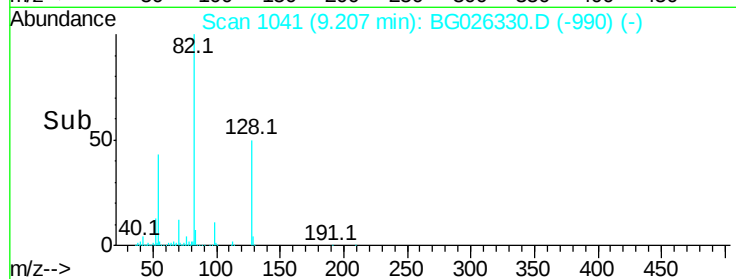
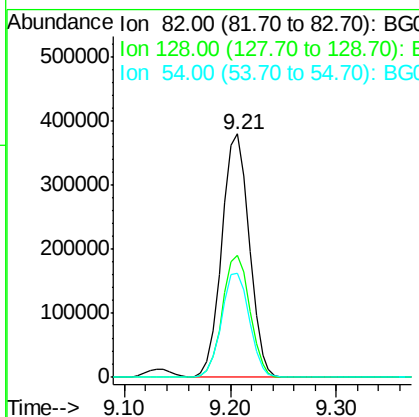
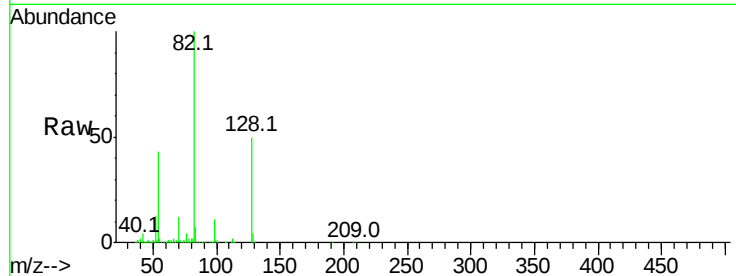
#23
 Nitrobenzene-d5
 Concen: 81.74 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.3	26.4	39.6#
54	42.8	49.4	74.2#

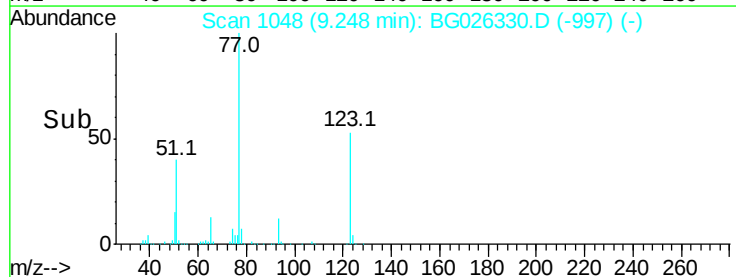
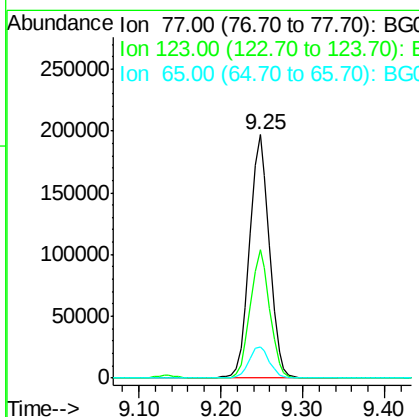
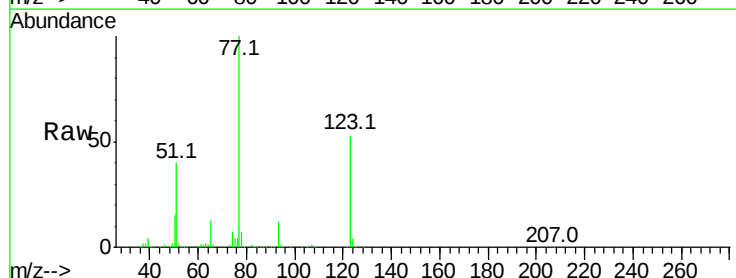
Manual Integrations
 APPROVED

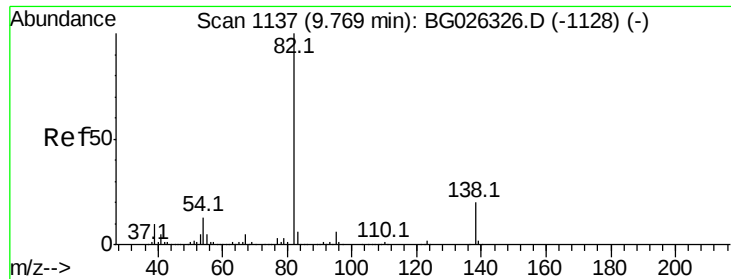
mohammad
 3/21/2017 5:22:01 PM



#24
 Nitrobenzene
 Concen: 40.42 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	26.1	39.1#
65	12.7	12.4	18.6





#25

Isophorone

Concen: 40.63 ng

RT: 9.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

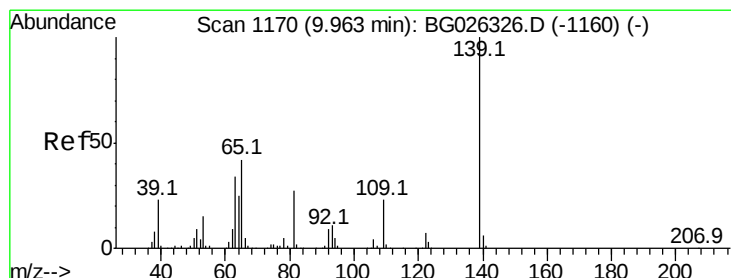
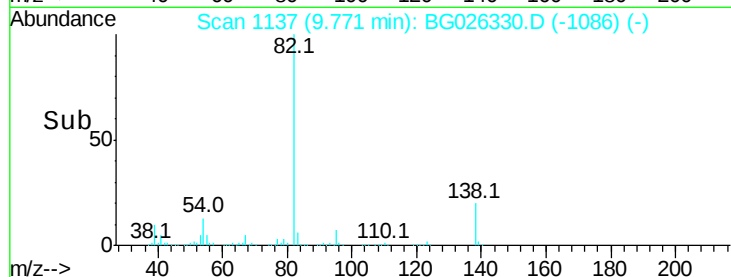
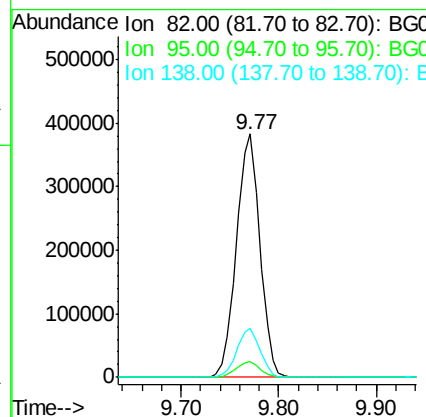
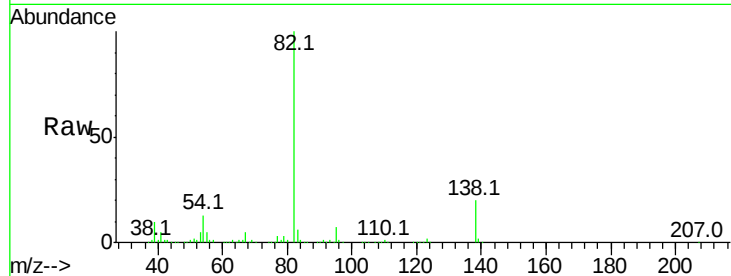
ClientSampleId :

ICVBG032017

Tot Ion:	82	Resp:	639686
Ion Ratio	Lower	Upper	
82	100		
95	6.6	7.5	11.3#
138	20.0	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.25 ng

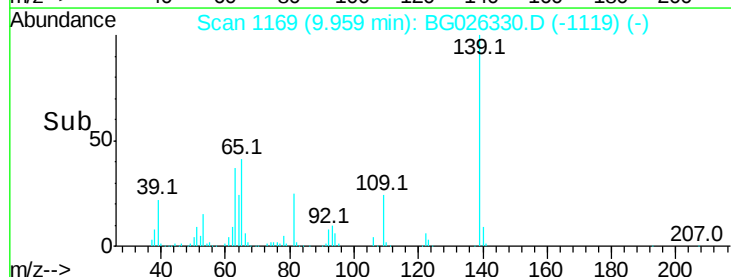
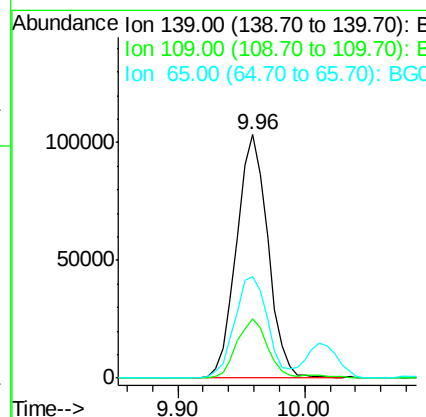
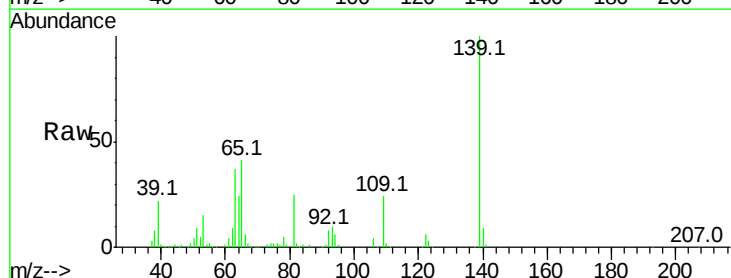
RT: 9.96 min Scan# 1169

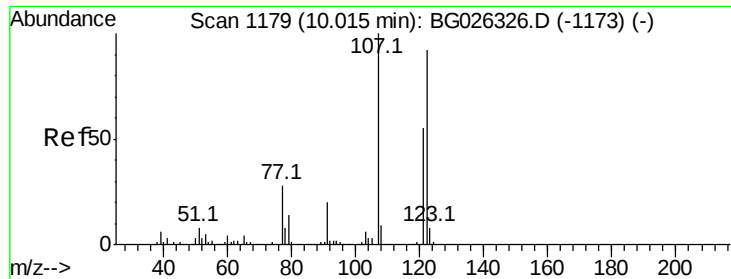
Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion:	139	Resp:	177039
Ion Ratio	Lower	Upper	
139	100		
109	24.4	38.6	58.0#
65	41.4	57.1	85.7#





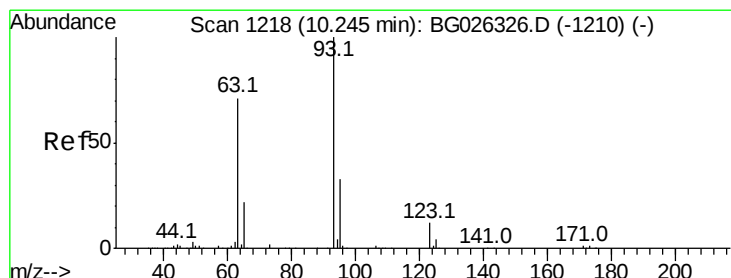
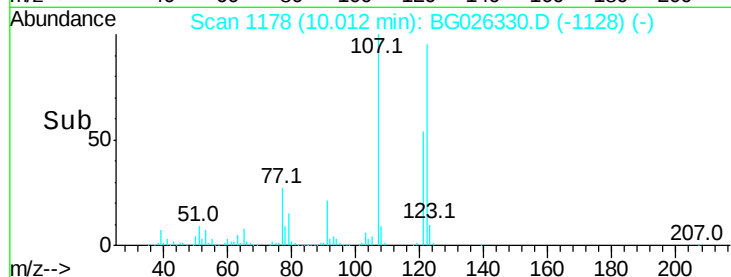
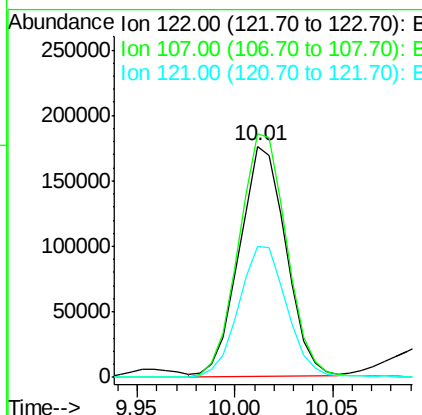
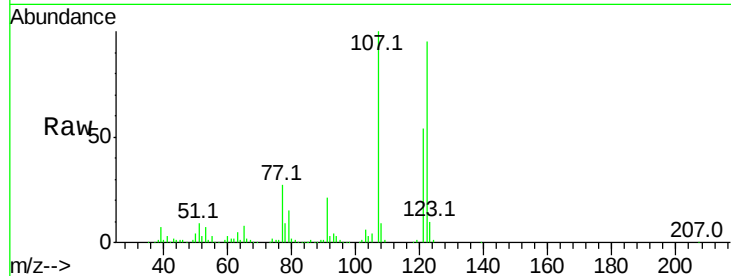
#27
2,4-Dimethylphenol
Concen: 41.28 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampled :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.3	104.2	156.4
121	56.6	46.0	69.0

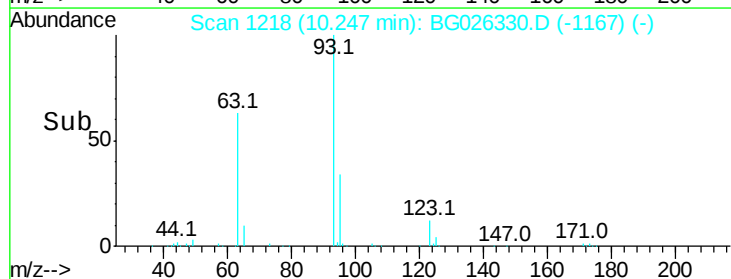
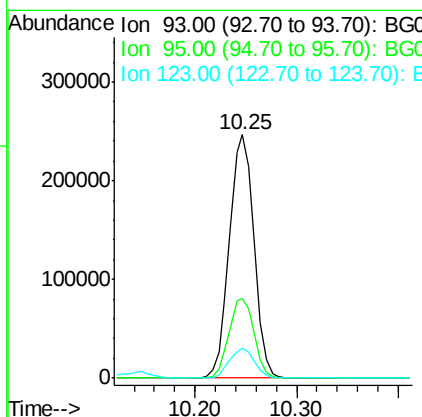
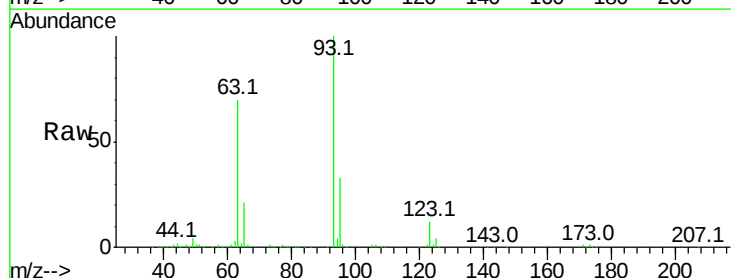
Manual Integrations
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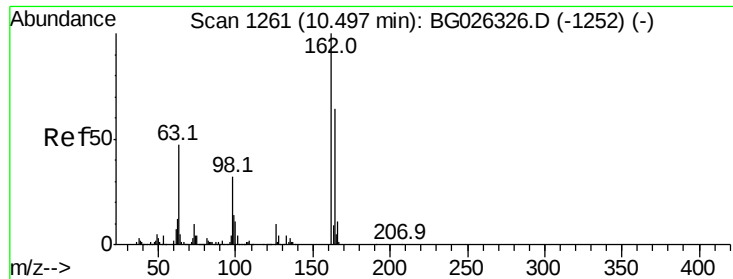
mohammad
3/21/2017 5:22:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.49 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

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





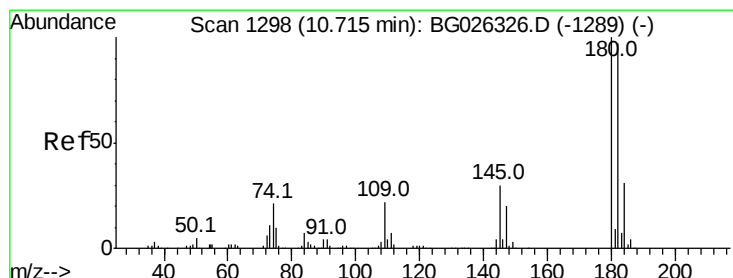
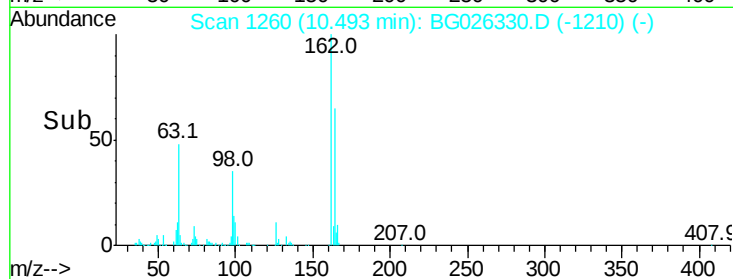
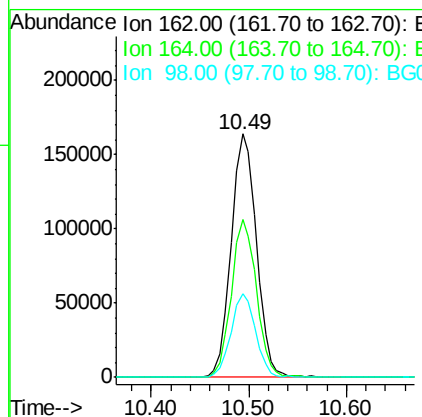
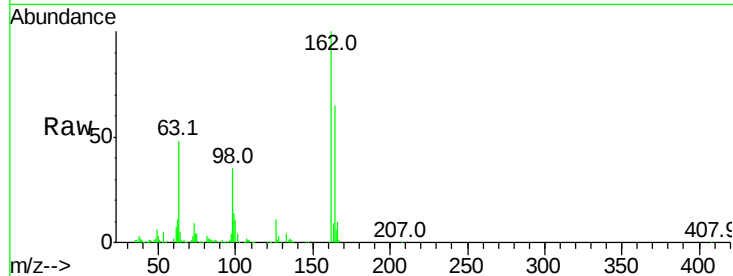
#29
2,4-Dichlorophenol
Concen: 41.49 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	42.4	82.4
98	34.5	20.3	60.3

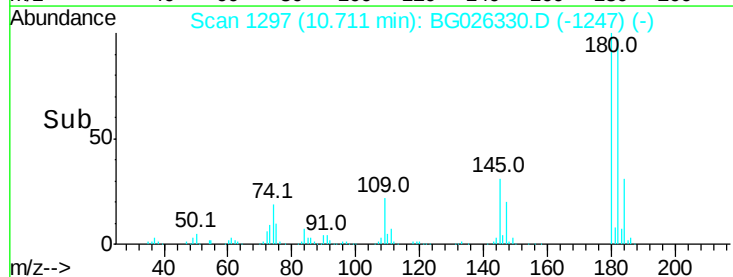
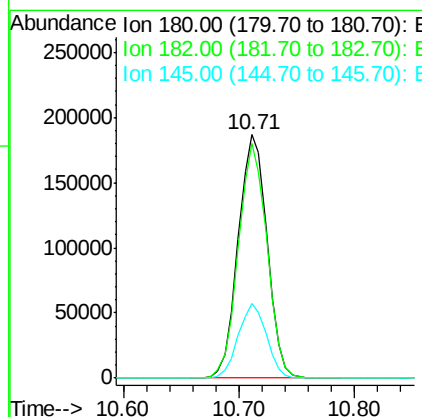
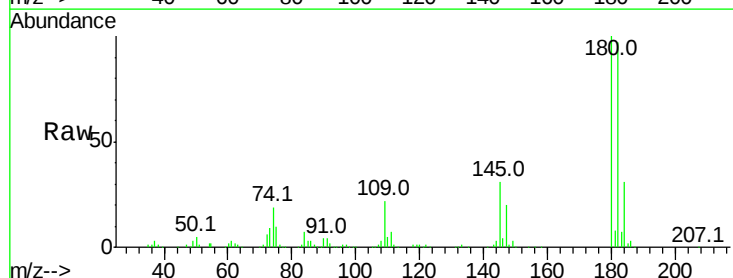
Manual Integrations
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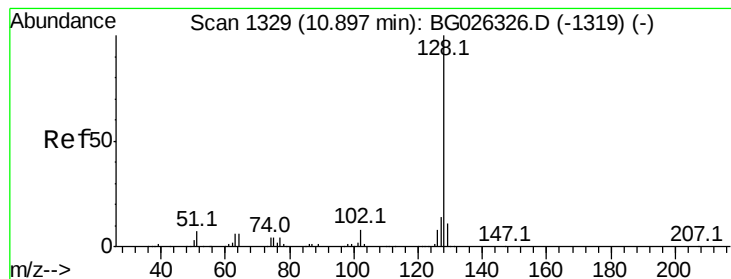
mohammad
3/21/2017 5:22:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.39 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	77.0	115.4
145	30.7	23.4	35.0





#31

Naphthalene

Concen: 40.60 ng

RT: 10.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

ClientSampleId :

ICVBG032017

Tot Ion:128 Resp: 1030905

Ion Ratio Lower Upper

128 100

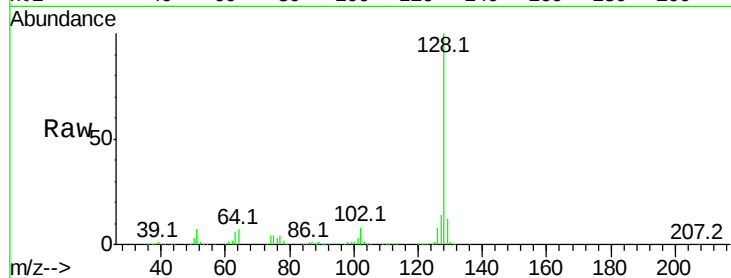
129 11.7 9.3 13.9

127 14.4 11.4 17.0

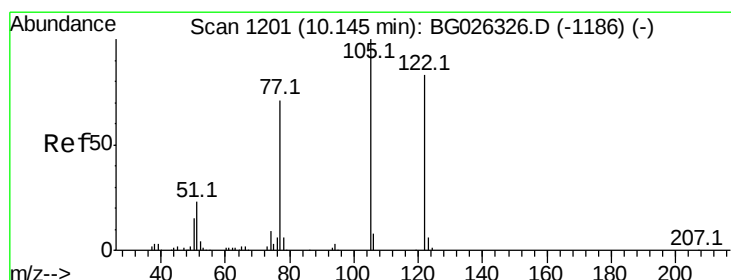
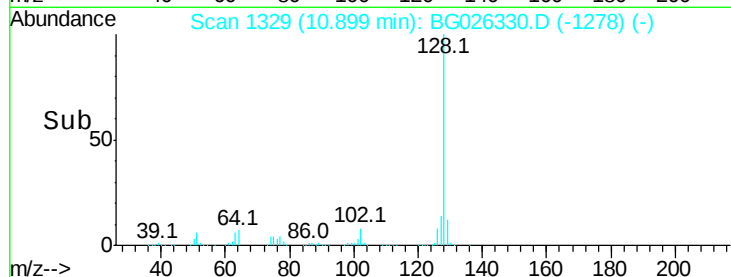
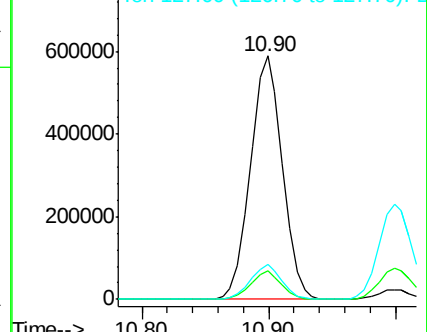
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.06 ng

RT: 10.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

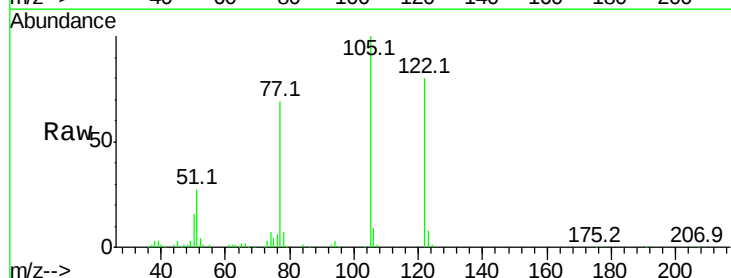
Tgt Ion:122 Resp: 217115

Ion Ratio Lower Upper

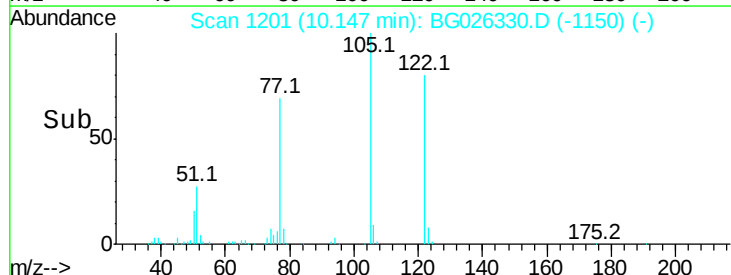
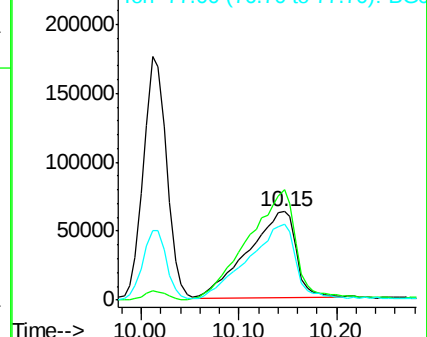
122 100

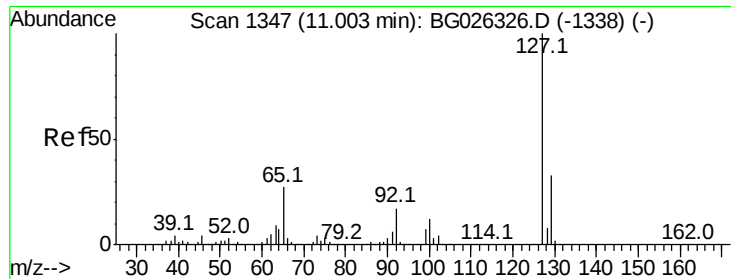
105 125.3 120.1 160.1

77 86.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





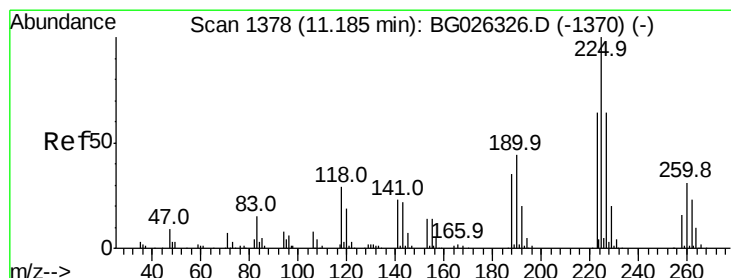
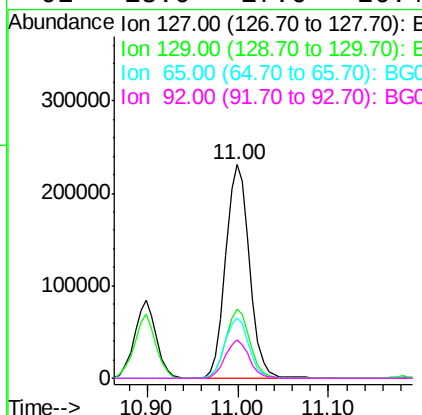
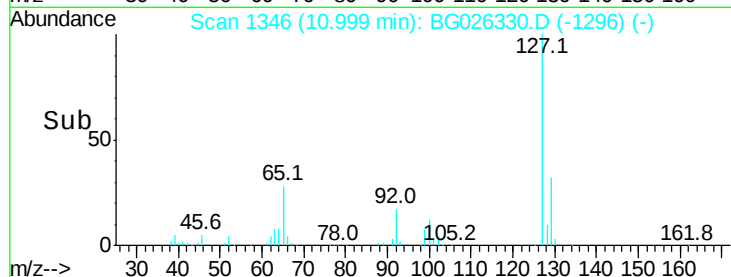
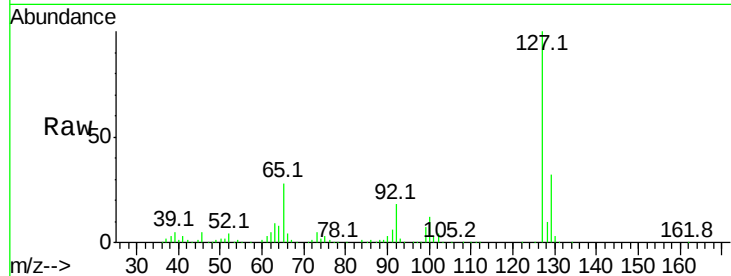
#33
4-Chloroaniline
Concen: 40.57 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	23.6	35.4
65	28.3	37.7	56.5
92	18.0	17.6	26.4

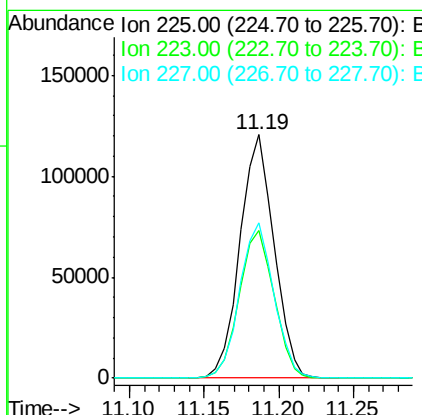
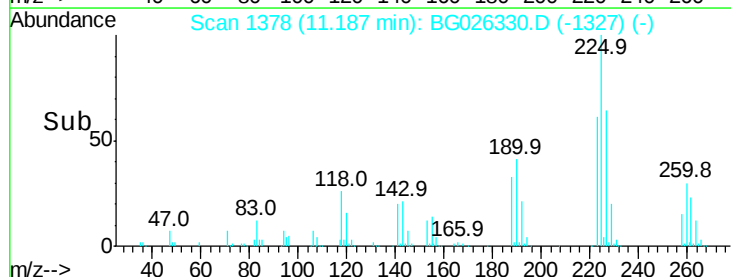
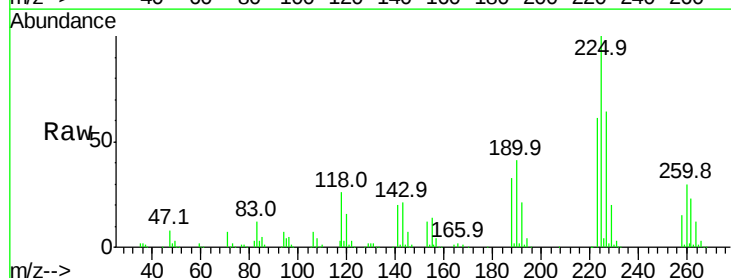
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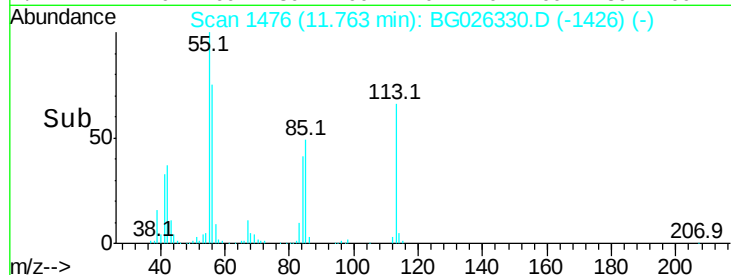
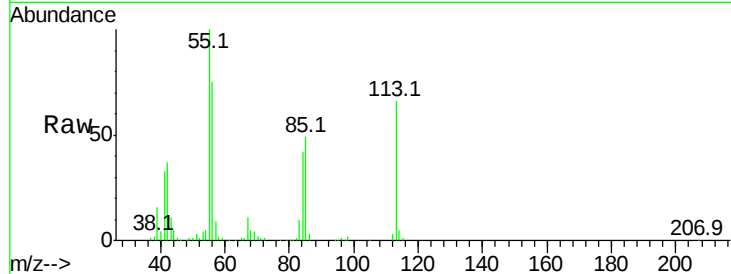
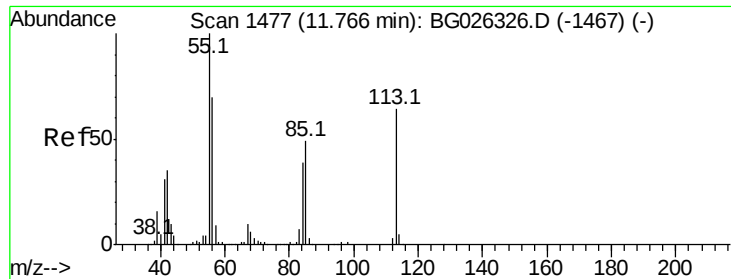
mohammad
3/21/2017 5:22:01 PM



#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.7	76.1
227	64.0	49.0	73.6





#35

Caprolactam

Concen: 41.16 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

ClientSampleId :

ICVBG032017

Tot Ion:113 Resp: 115539

Ion Ratio Lower Upper

113 100

55 152.0 198.6 238.6#

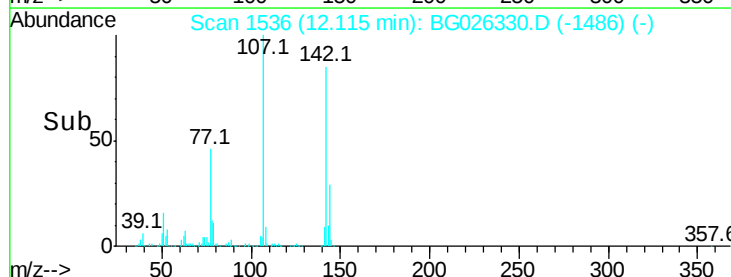
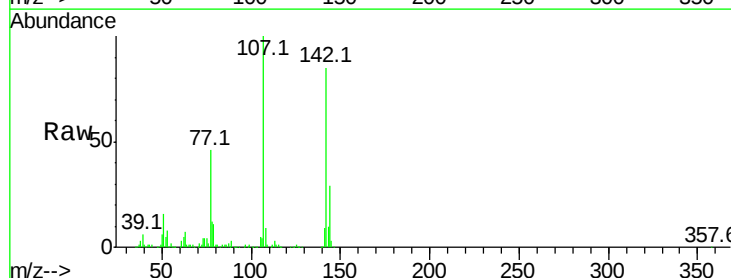
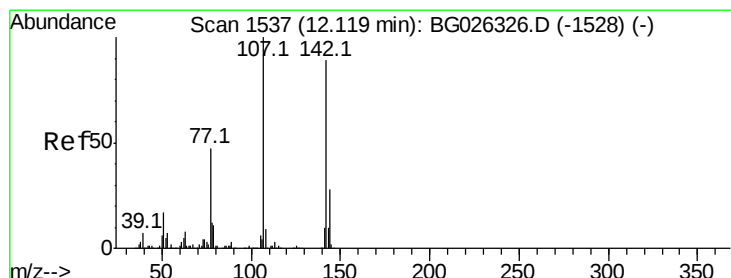
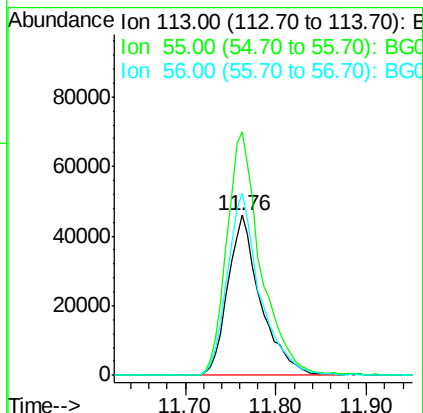
56 114.0 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 40.90 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

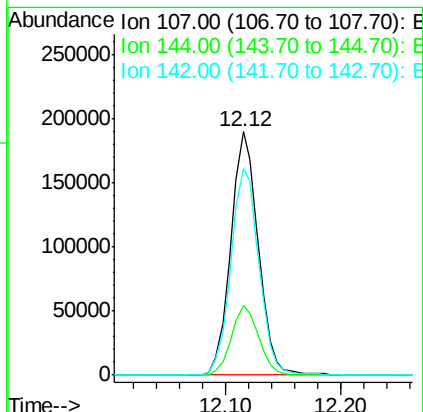
Tgt Ion:107 Resp: 311715

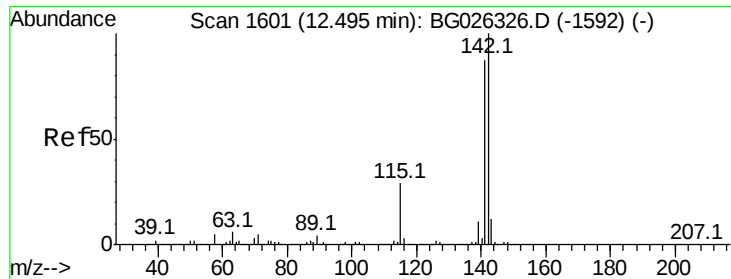
Ion Ratio Lower Upper

107 100

144 28.6 17.4 26.0#

142 84.7 54.1 81.1#





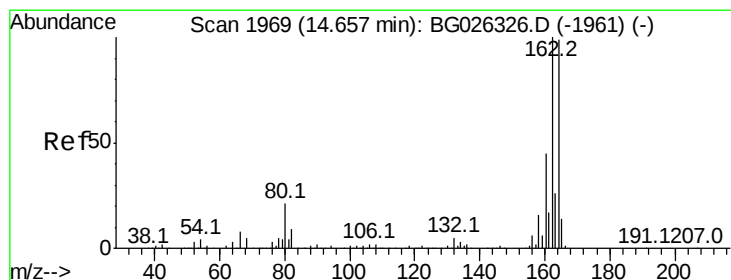
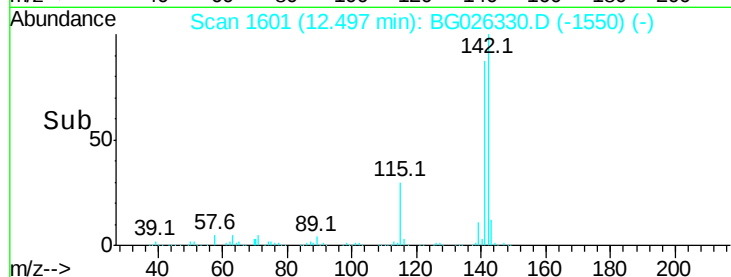
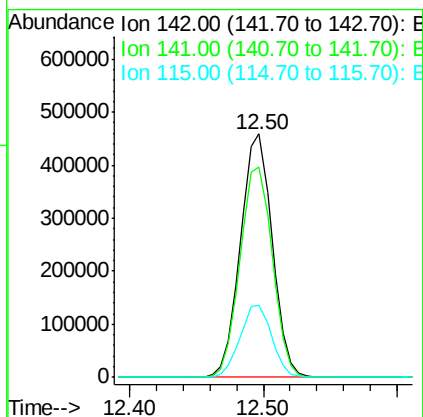
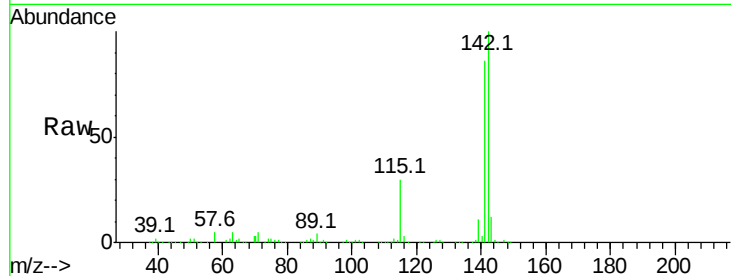
#37
2-Methylnaphthalene
Concen: 40.49 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.4	105.6
115	29.7	35.5	53.3#

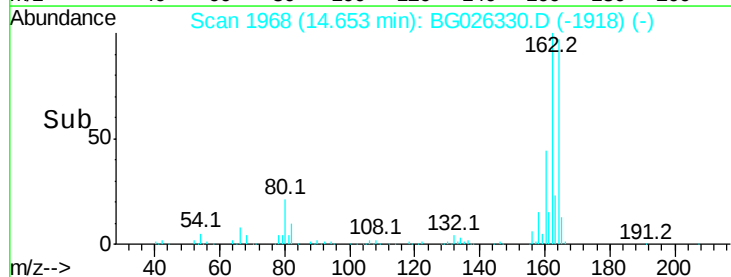
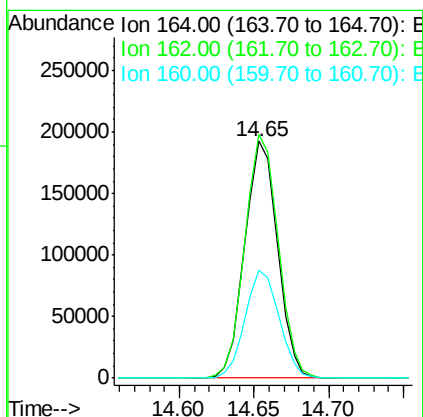
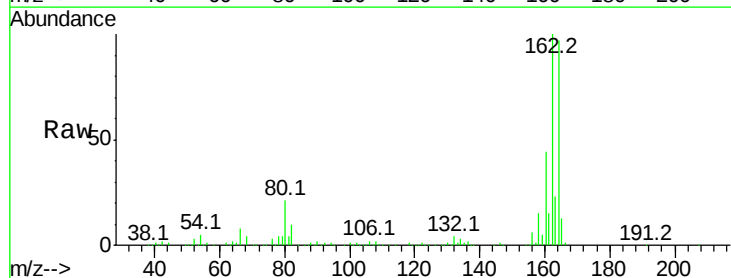
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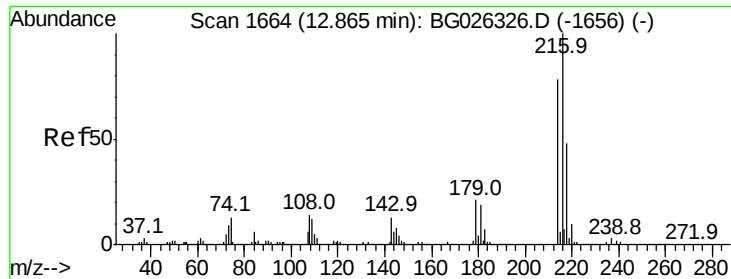
mohammad
3/21/2017 5:22:01 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	45.6	34.7	52.1





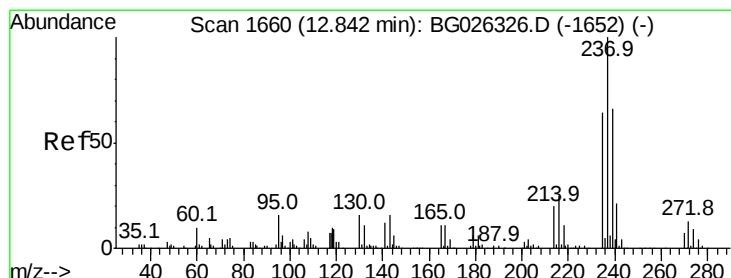
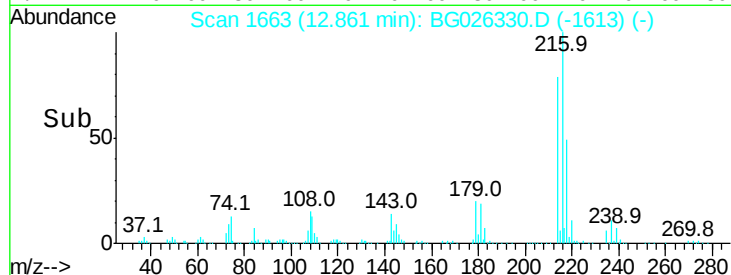
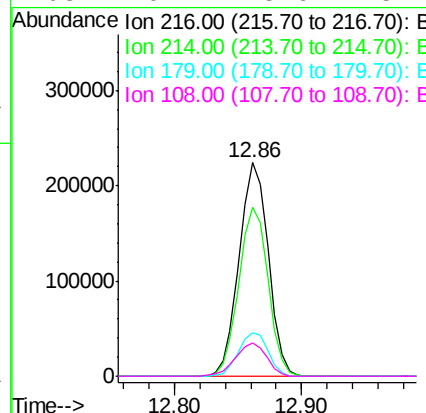
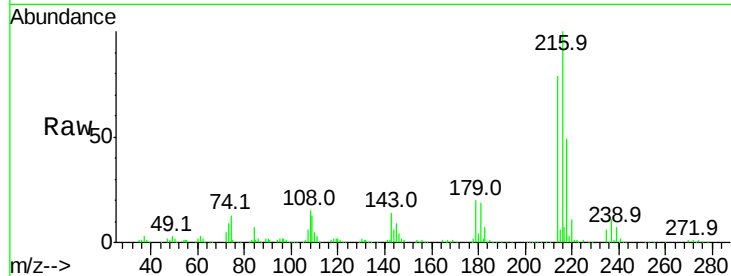
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.61 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
216	100	356324		
214	79.5	64.4	96.6	
179	20.8	17.4	26.0	
108	16.7	15.6	23.4	

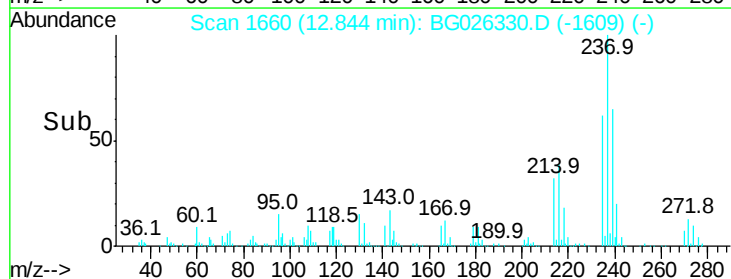
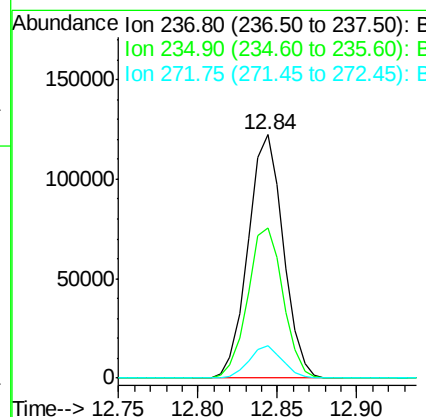
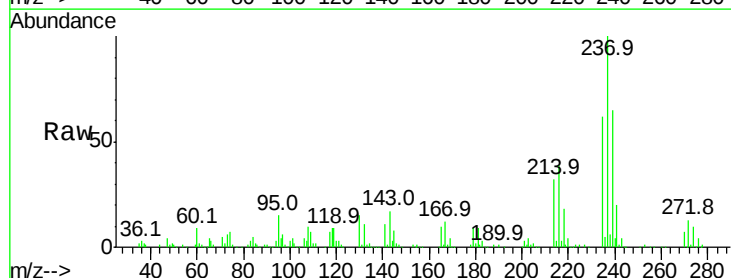
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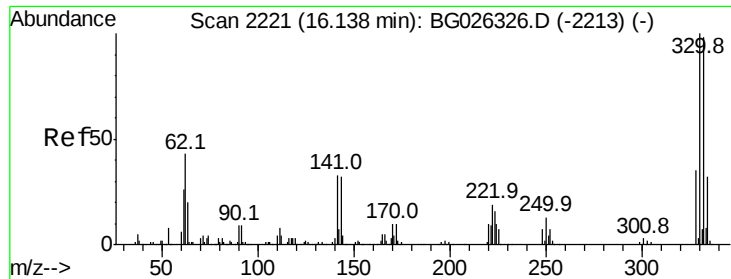
mohammad
 3/21/2017 5:22:01 PM



#40
 Hexachlorocyclopentadiene
 Concen: 40.79 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	188382		
235	61.9	39.4	79.4	
272	13.3	0.0	32.0	





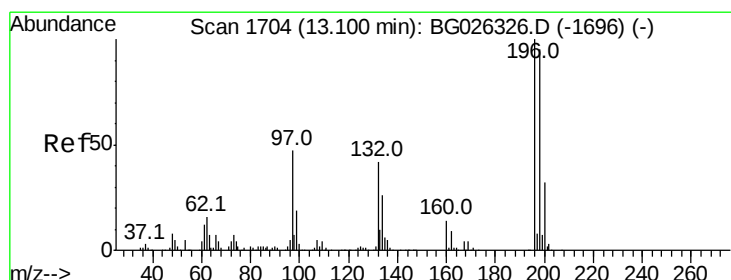
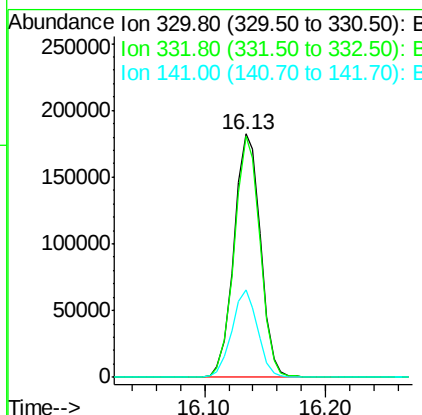
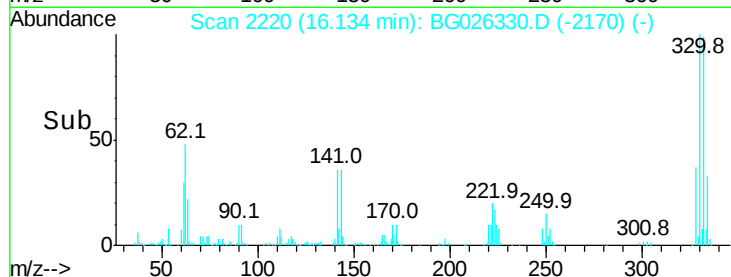
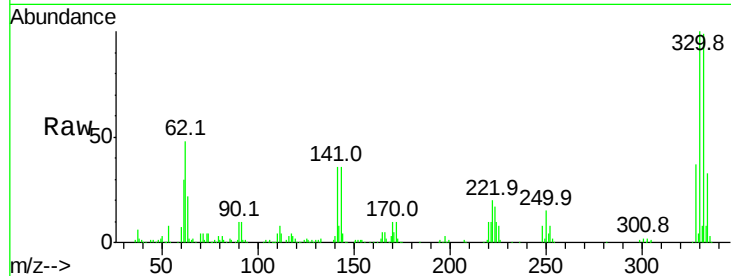
#41
 2,4,6-Tribromophenol
 Concen: 83.31 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
330	100	278231		
332	96.3	77.3	115.9	
141	34.9	32.1	48.1	

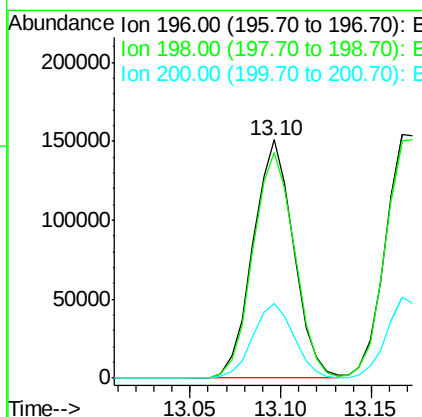
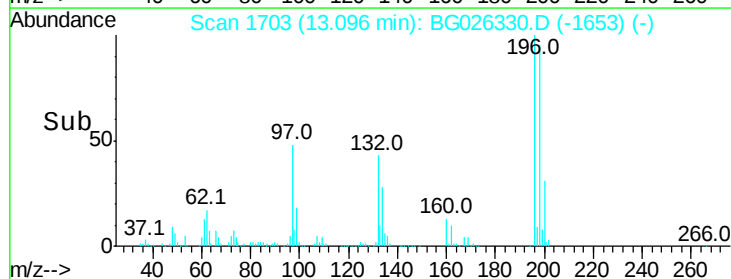
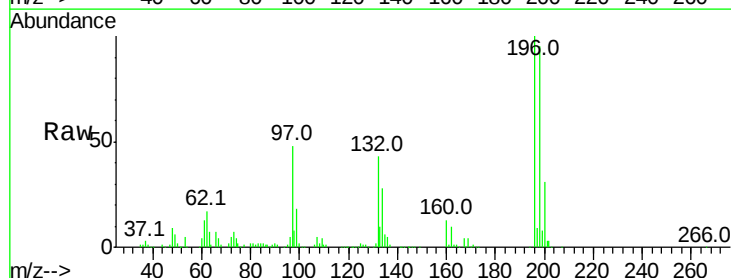
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 40.78 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234253		
198	94.7	81.4	122.2	
200	31.4	27.0	40.6	





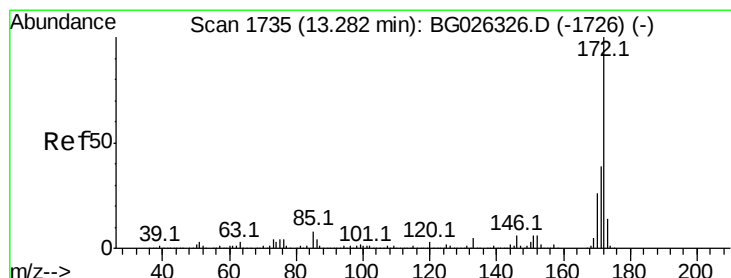
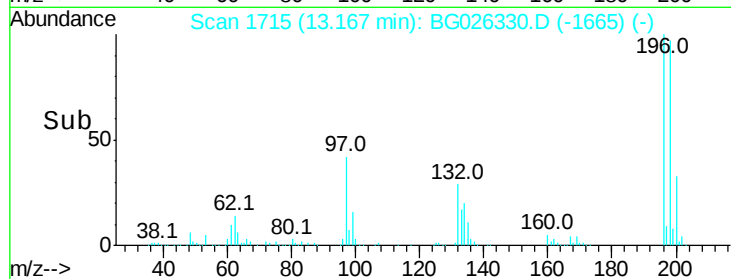
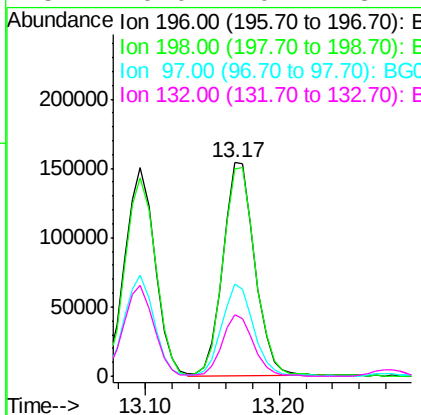
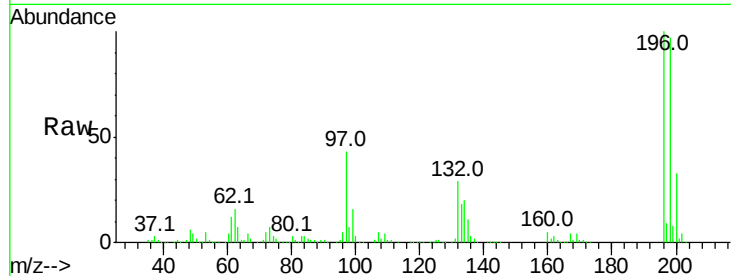
#43
 2,4,5-Trichlorophenol
 Concen: 40.75 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion:	196	Resp:	258771
Ion Ratio	Lower	Upper	
196	100		
198	97.4	79.9	119.9
97	43.2	45.4	68.0
132	29.0	20.7	31.1

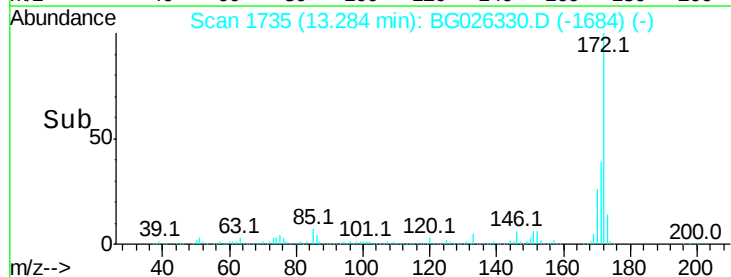
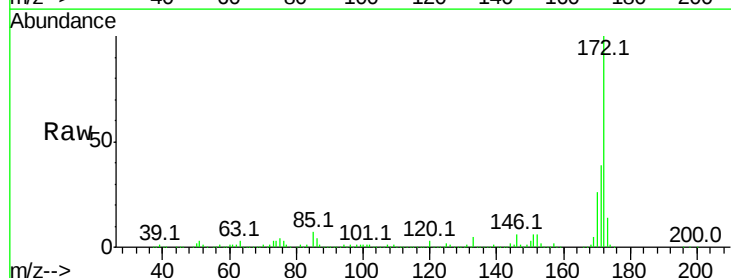
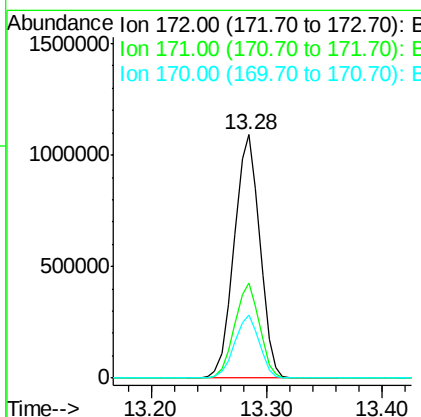
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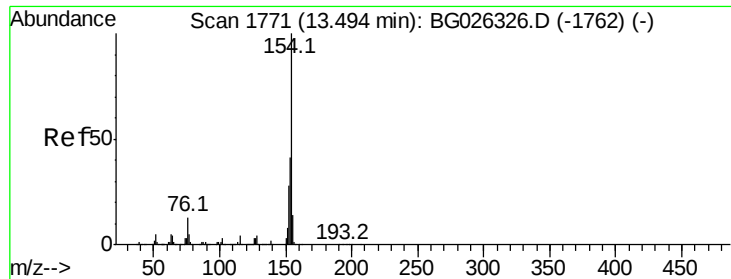
mohammad
 3/21/2017 5:22:01 PM



#44
 2-Fluorobiphenyl
 Concen: 80.29 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Tgt Ion:	172	Resp:	1669644
Ion Ratio	Lower	Upper	
172	100		
171	39.0	32.2	48.2
170	26.2	21.8	32.6





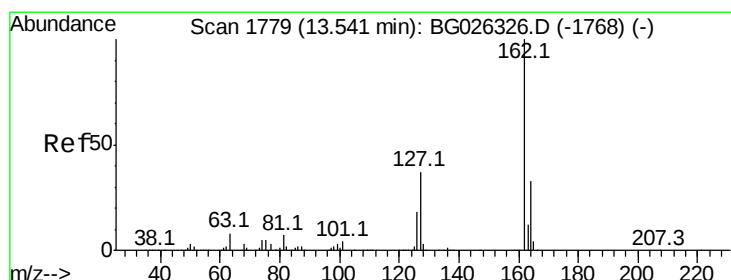
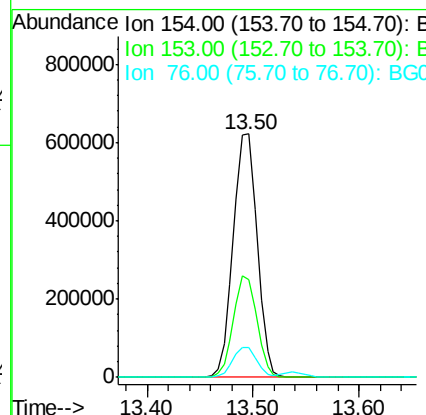
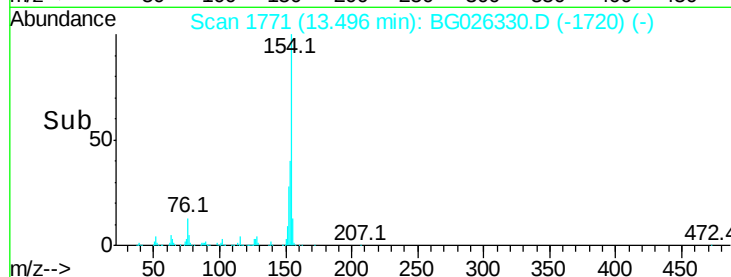
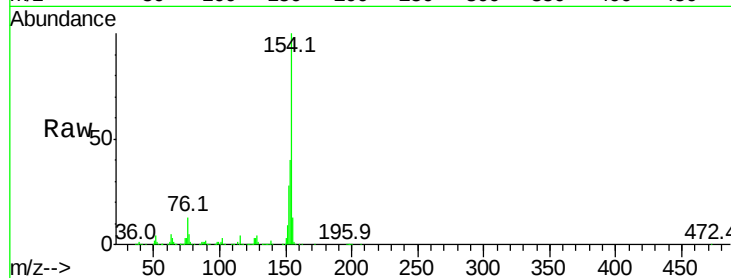
#45
1,1'-Biphenyl
Concen: 40.35 ng
RT: 13.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	23.0	63.0	
76	12.5	0.0	33.5	

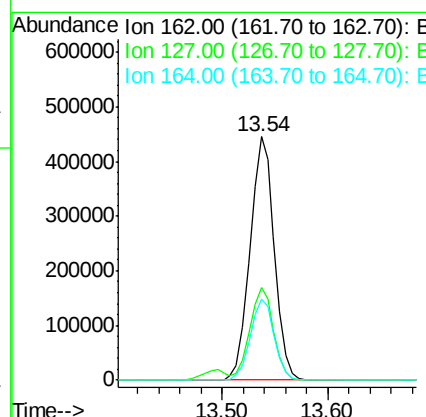
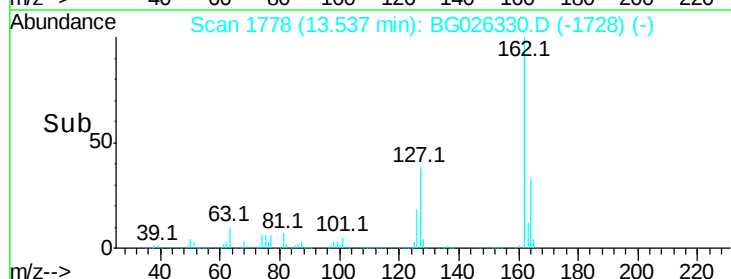
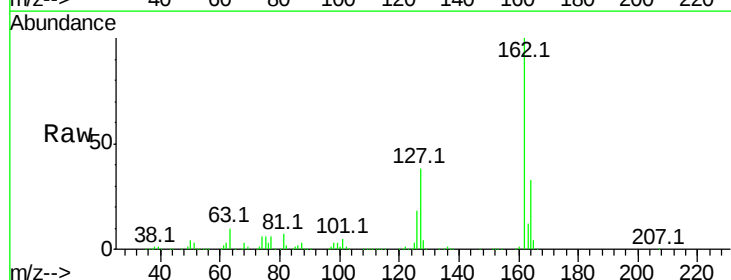
Manual Integrations
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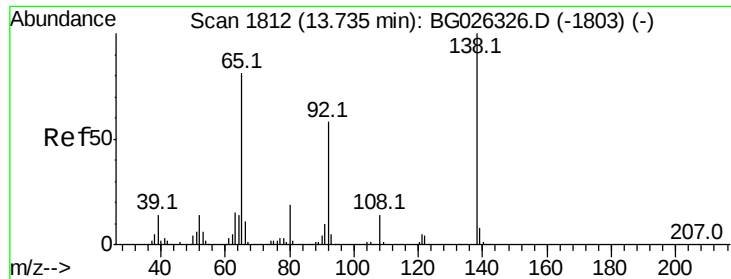
mohammad
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#46
2-Chloronaphthalene
Concen: 39.98 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.9	32.2	48.4	
164	33.5	27.3	40.9	





#47

2-Nitroaniline

Concen: 41.55 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

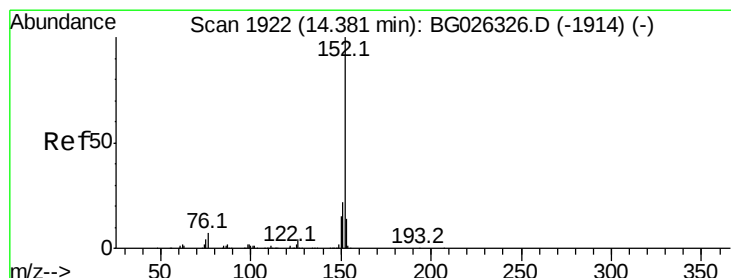
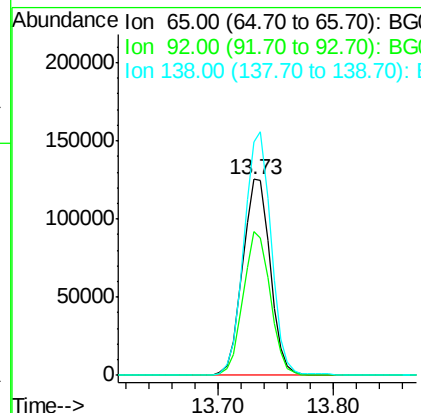
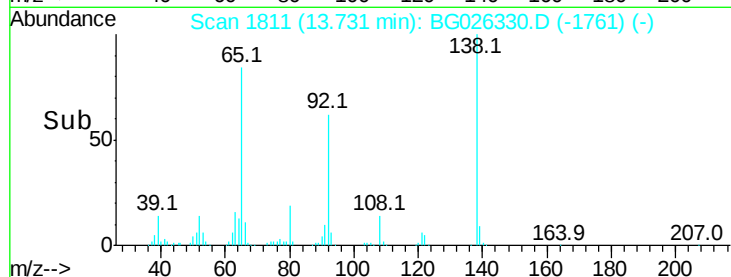
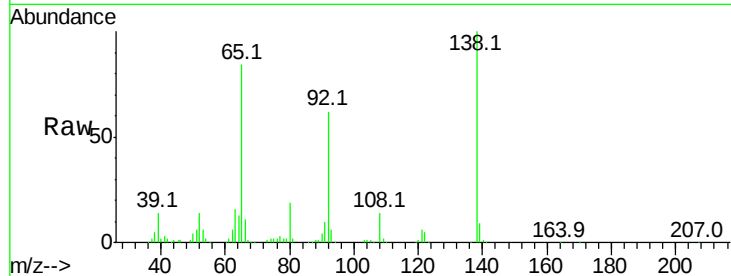
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.5	49.0	73.4#	
138	119.0	58.6	87.8#	

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#48

Acenaphthylene

Concen: 40.32 ng

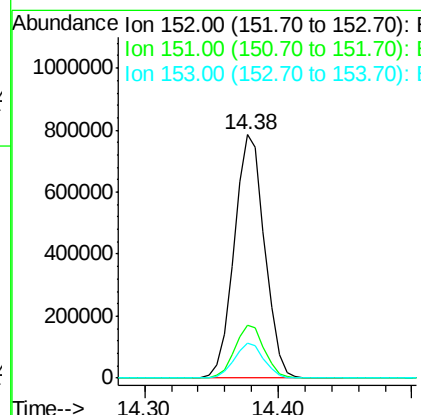
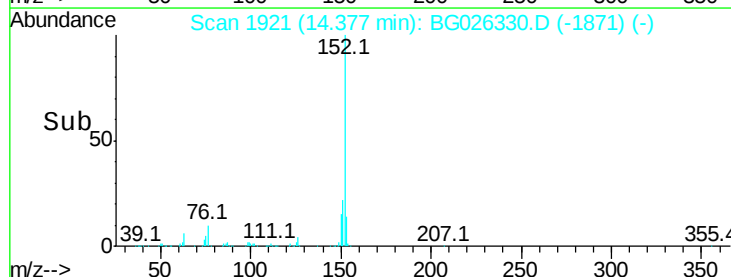
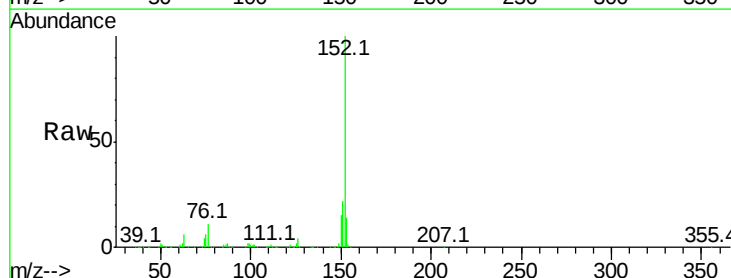
RT: 14.38 min Scan# 1921

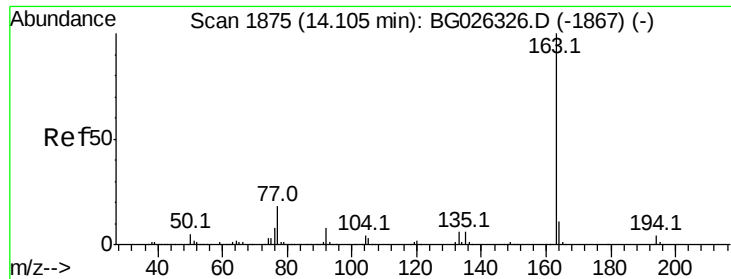
Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.9	18.2	27.2	
153	14.3	11.3	16.9	





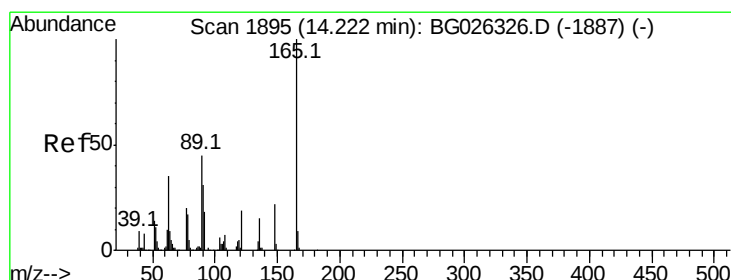
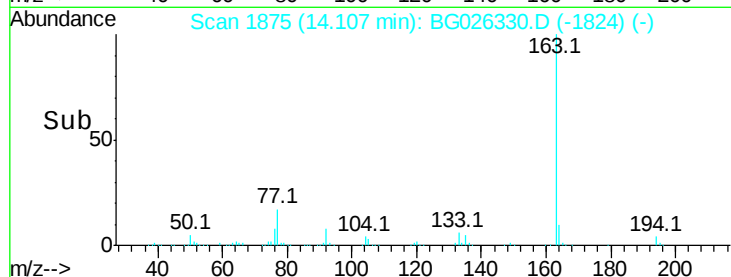
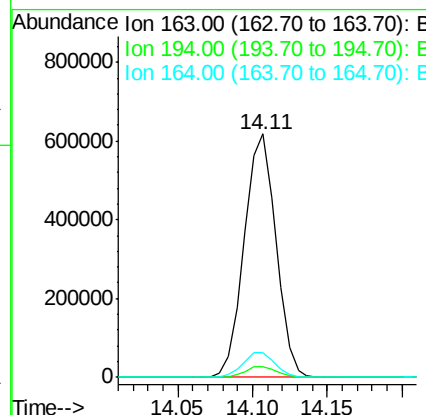
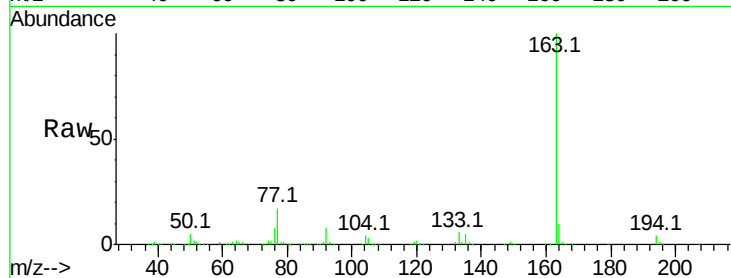
#49
Dimethylphthalate
Concen: 41.27 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
163	100	908341		
194	4.4		3.8	5.6
164	10.2		9.3	13.9

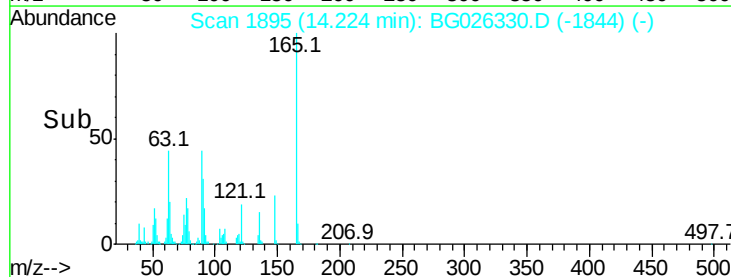
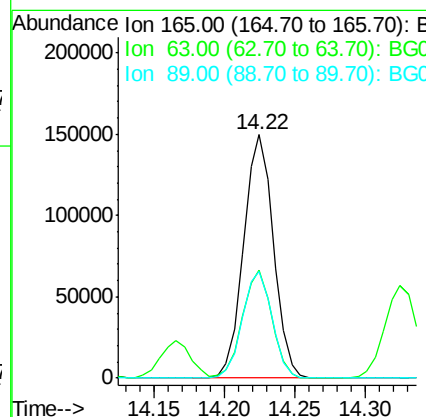
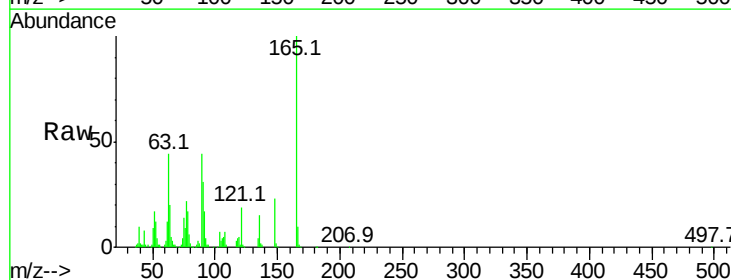
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 42.95 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220646		
63	44.2		63.9	95.9#
89	43.6		58.6	88.0#





#51

Acenaphthene

Concen: 40.14 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

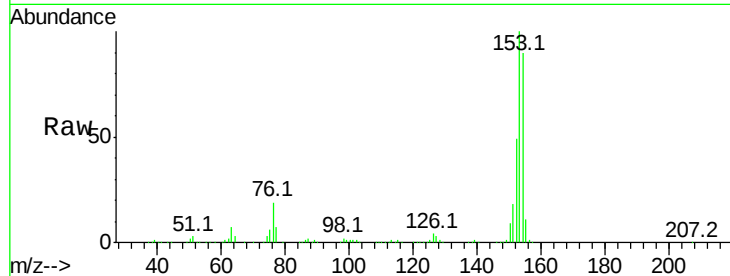
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.8	131.6
152	54.6	42.2	63.4

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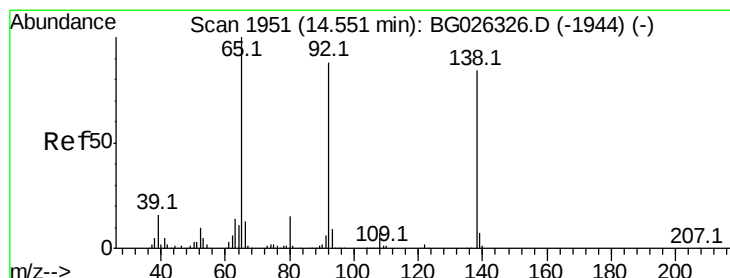
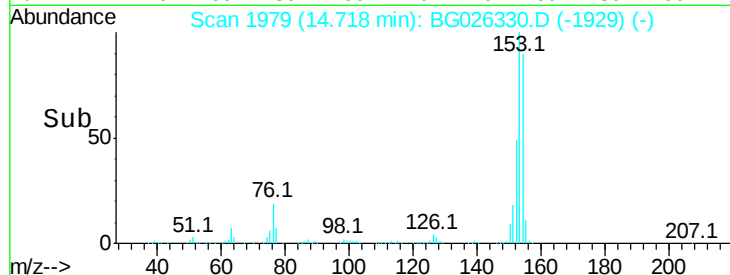
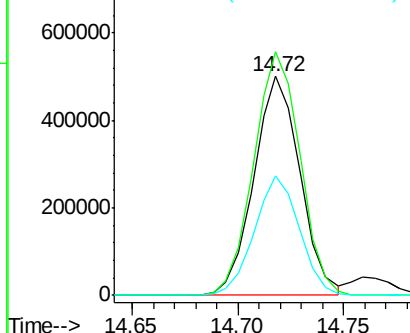
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.17 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026330.D

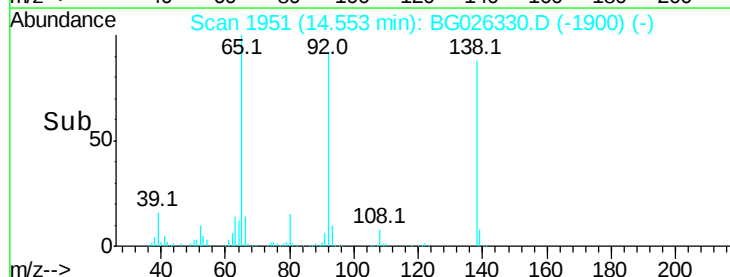
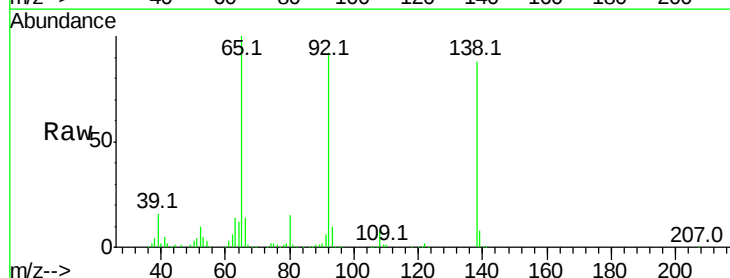
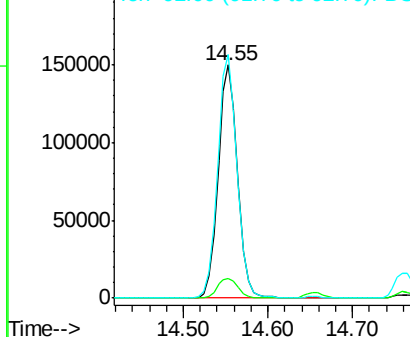
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.6	10.9	16.3#
92	104.4	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): BGC





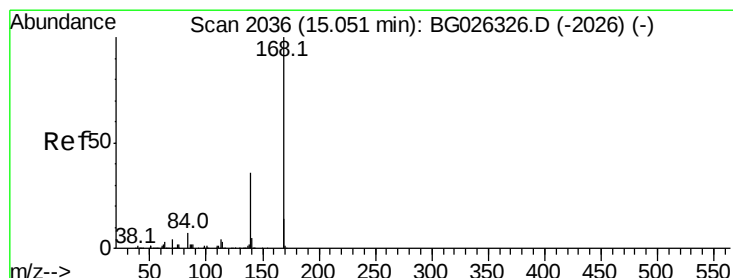
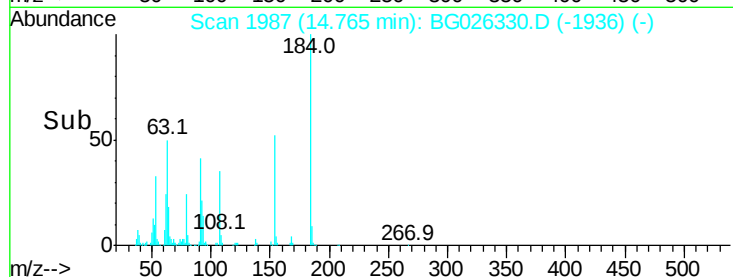
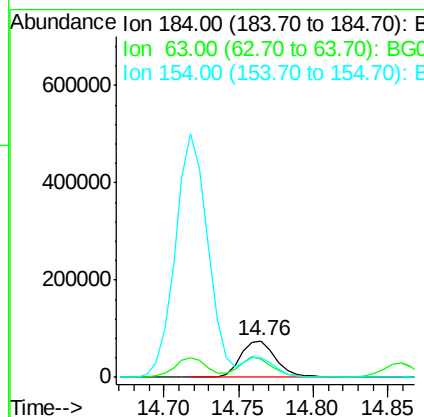
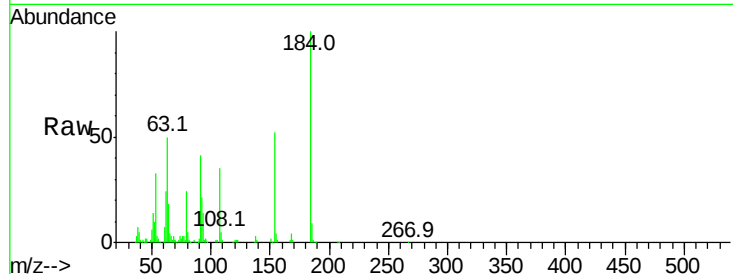
#53
 2,4-Dinitrophenol
 Concen: 41.06 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.0	52.7	79.1#
154	52.3	57.3	85.9#

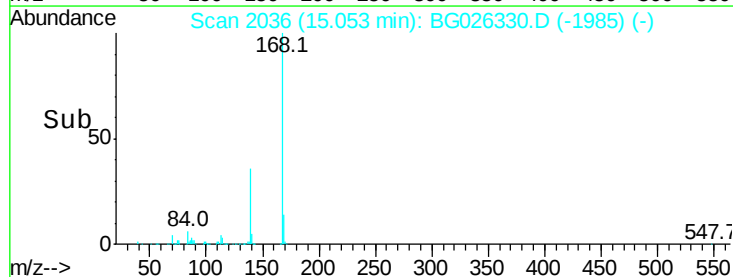
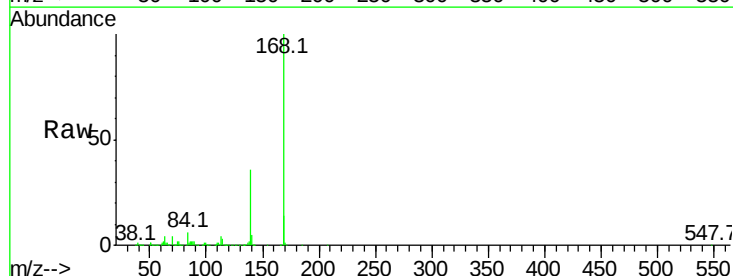
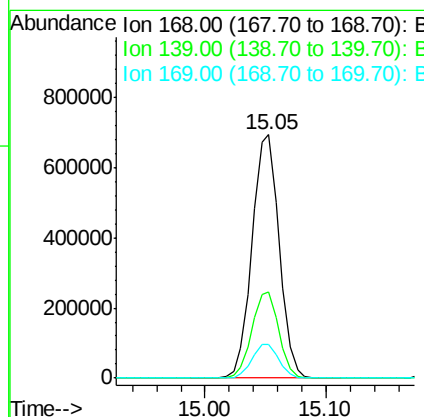
Manual Integrations
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#54
 Dibenzofuran
 Concen: 40.69 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	35.3	52.9
169	13.6	11.5	17.3





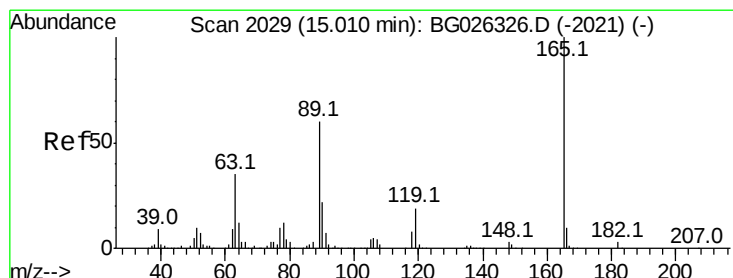
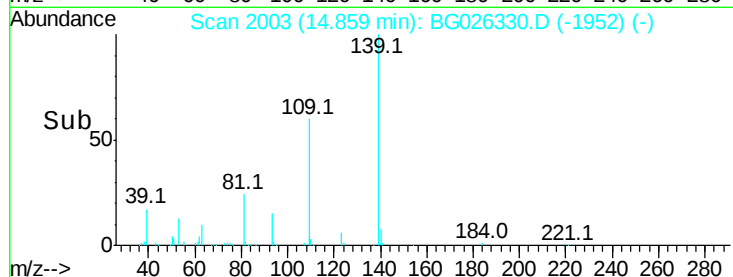
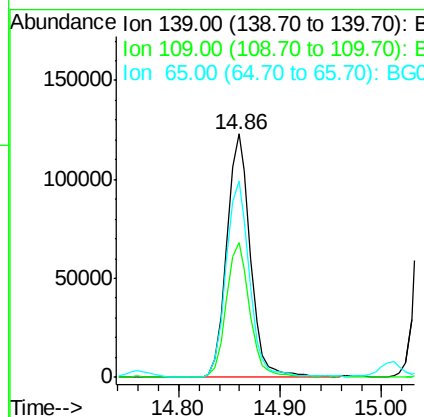
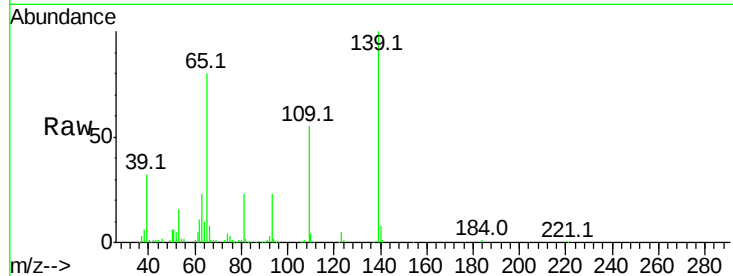
#55
4-Nitrophenol
Concen: 42.95 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.4	101.2	141.2#	
65	80.5	135.3	175.3#	

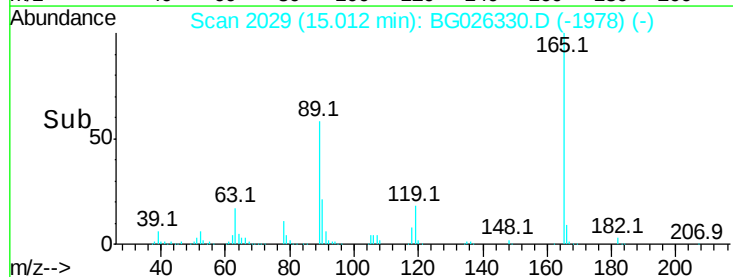
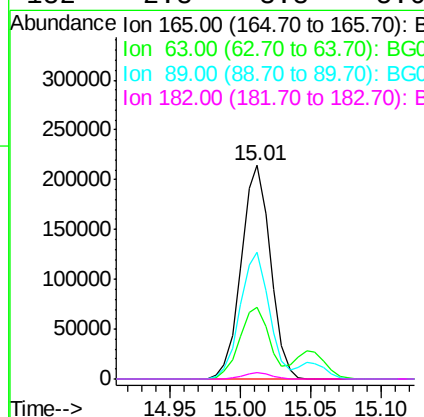
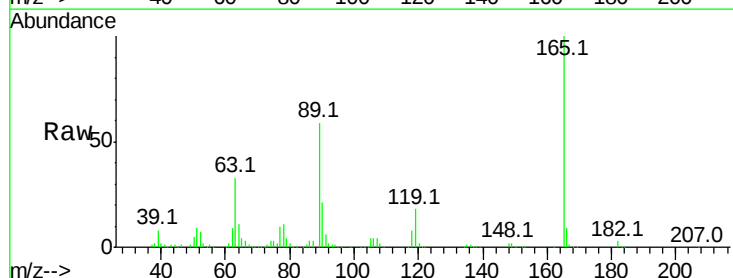
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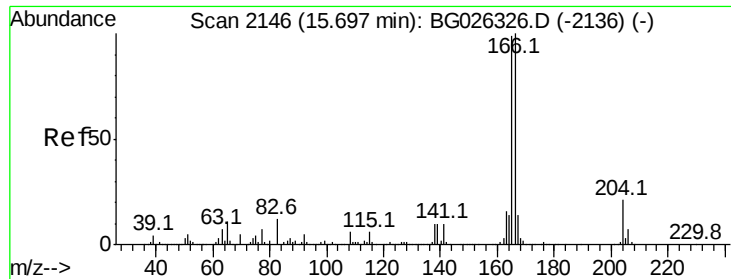
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#56
2,4-Dinitrotoluene
Concen: 42.89 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.3	44.0	66.0#	
89	59.2	67.3	100.9#	
182	2.8	3.8	5.6#	





#57

Fluorene

Concen: 40.89 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

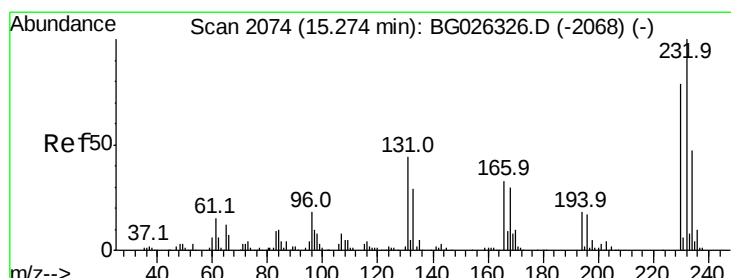
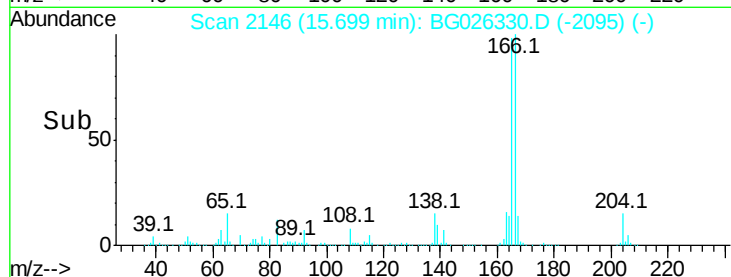
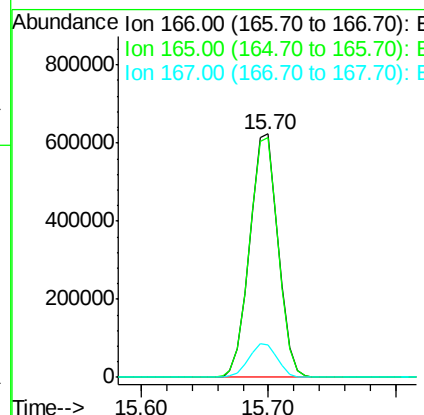
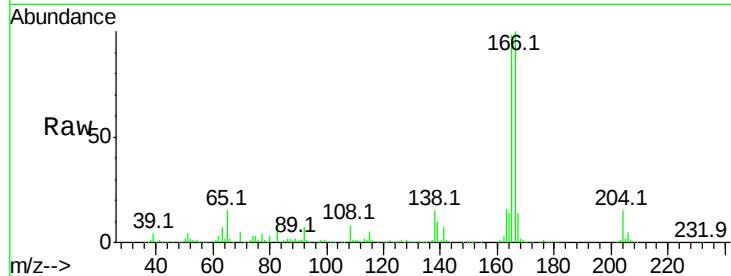
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
166	100	970115		
165	98.3		78.6	117.8
167	13.5		11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.15 ng

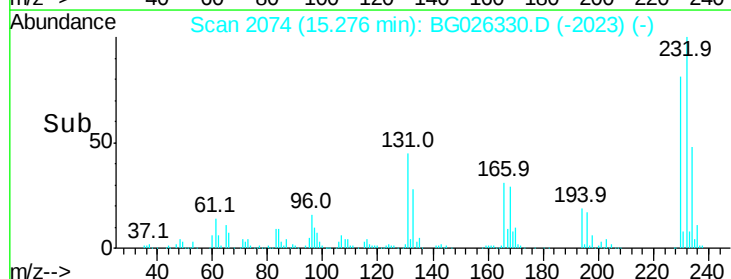
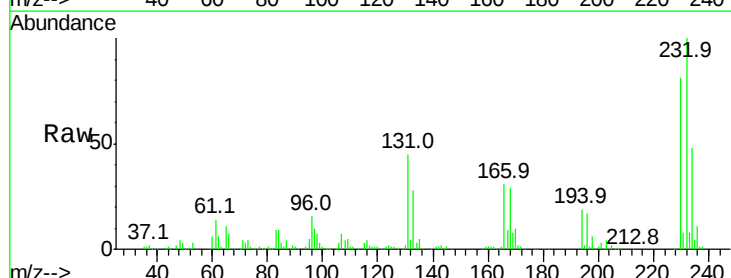
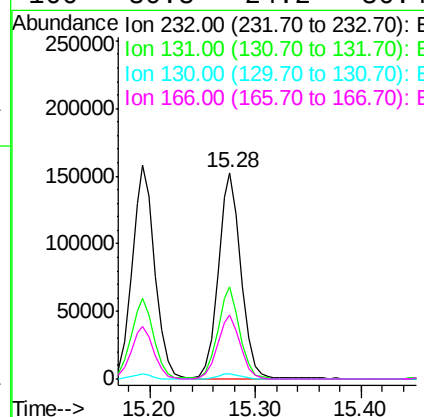
RT: 15.28 min Scan# 2074

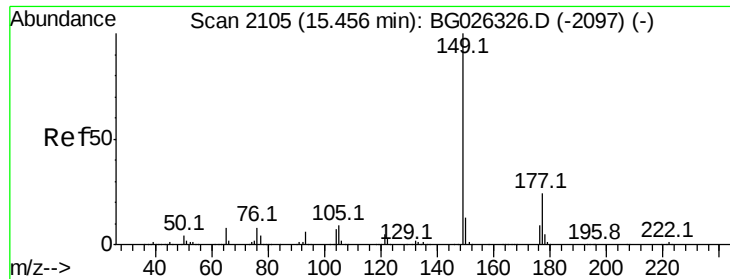
Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	227903		
131	42.6		34.9	52.3
130	2.4		2.3	3.5
166	30.8		24.2	36.4





#59

Diethylphthalate

Concen: 41.05 ng

RT: 15.46 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

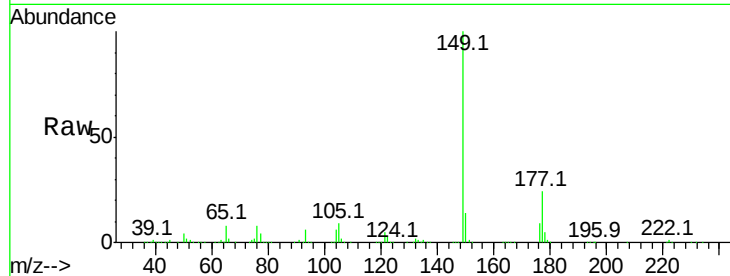
ClientSampleId :

ICVBG032017

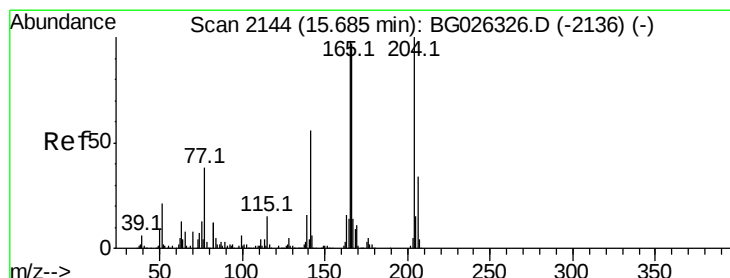
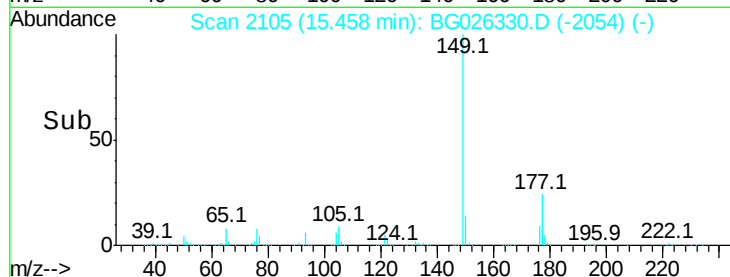
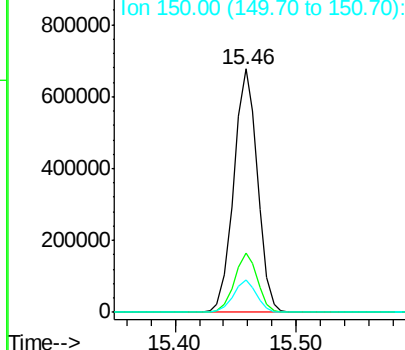
Tot Ion:	149	Resp:	923497
Ion Ratio	Lower	Upper	
149	100		
177	24.2	20.1	30.1
150	13.5	10.2	15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.72 ng

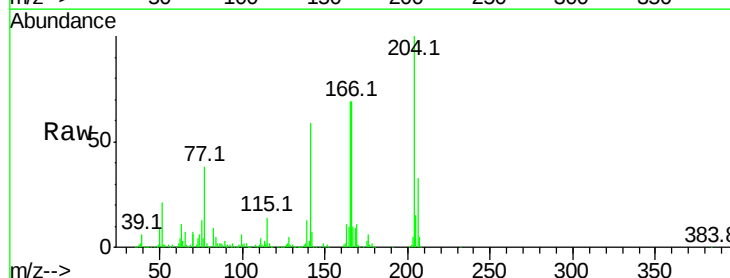
RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

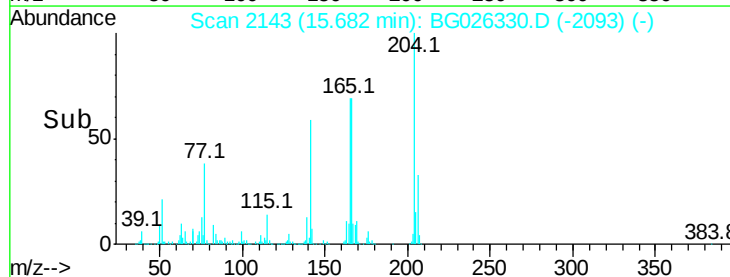
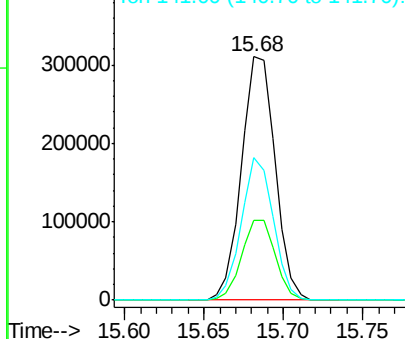
Lab File: BG026330.D

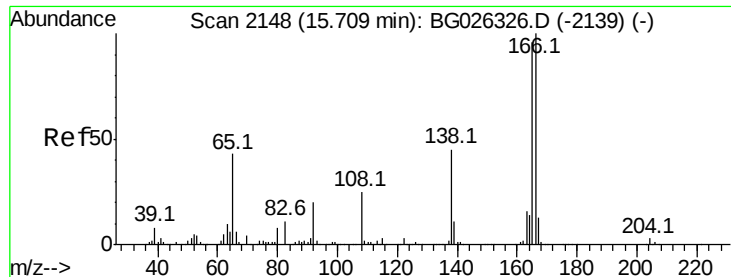
Acq: 20 Mar 2017 17:08

Tgt Ion:	204	Resp:	457806
Ion Ratio	Lower	Upper	
204	100		
206	32.9	30.1	45.1
141	58.7	50.6	76.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





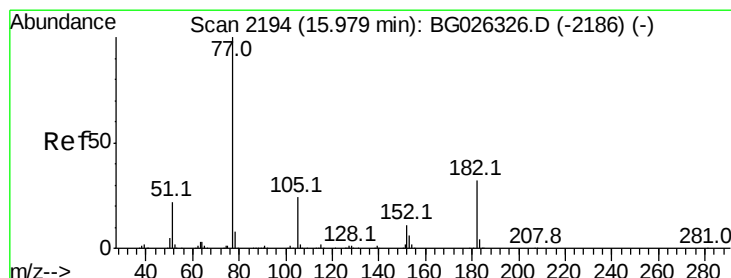
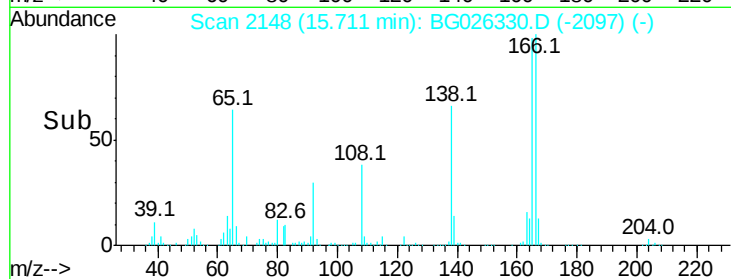
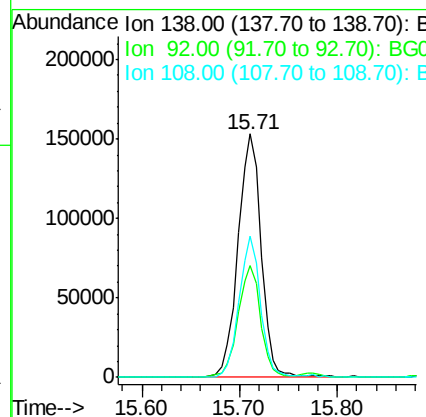
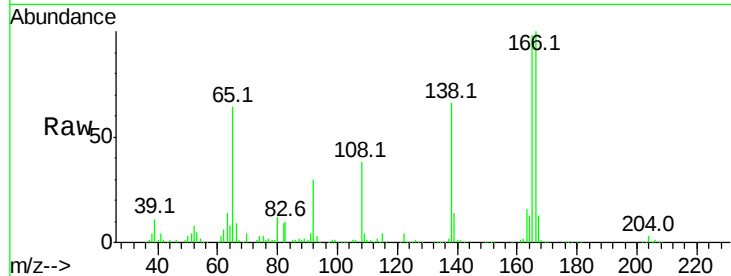
#61
4-Nitroaniline
Concen: 42.32 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.1	44.2	84.2
108	58.1	104.8	144.8#

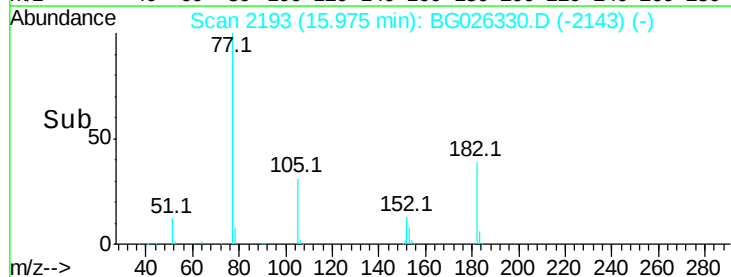
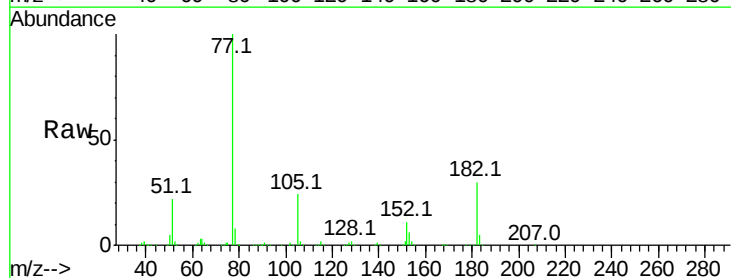
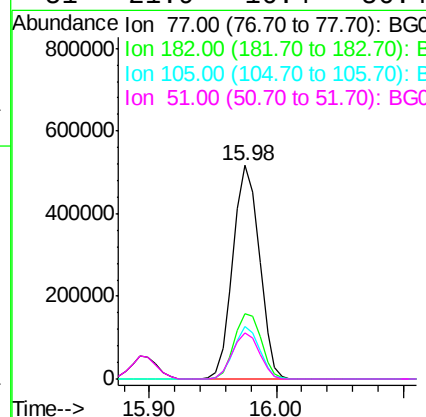
Manual Integrations
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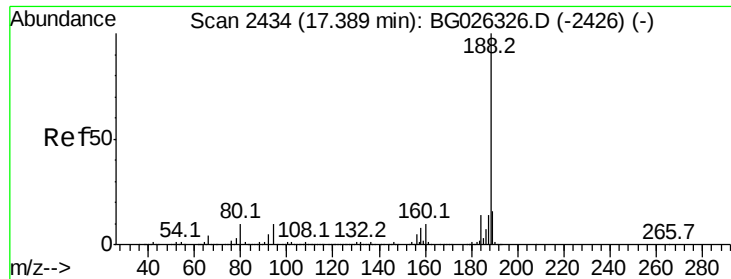
mohammad
3/21/2017 5:22:01 PM



#62
Azobenzene
Concen: 40.68 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.4	4.7	44.7
105	24.3	0.0	36.3
51	21.9	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

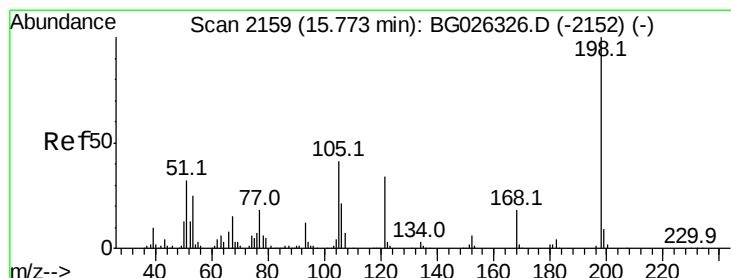
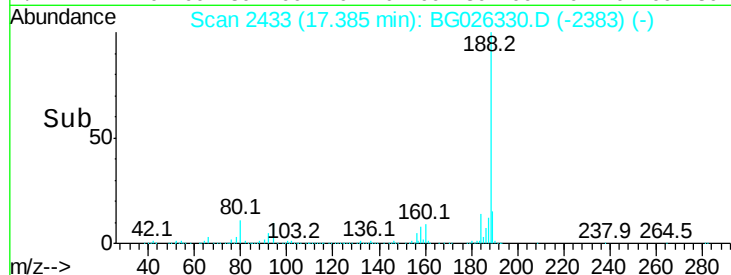
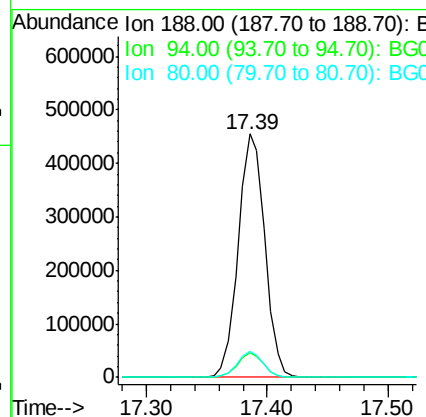
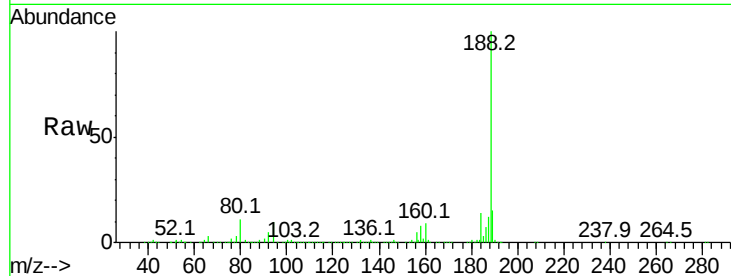
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
188	100	696359		
94	10.1	5.8	8.8#	
80	10.6	7.5	11.3	

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.30 ng

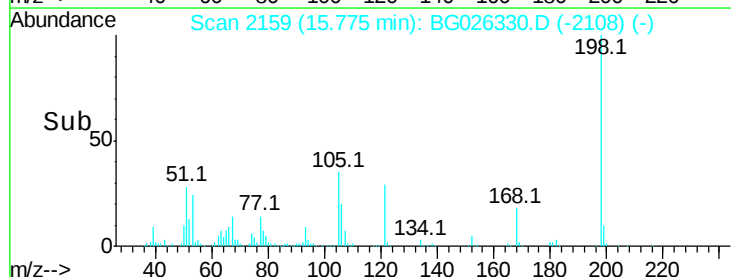
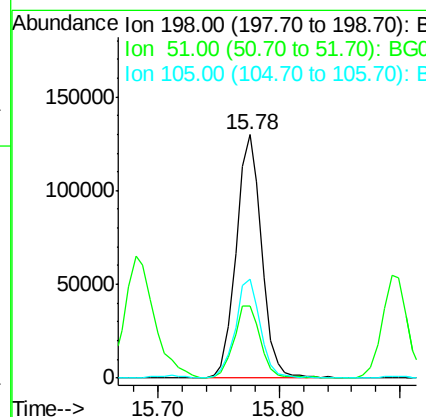
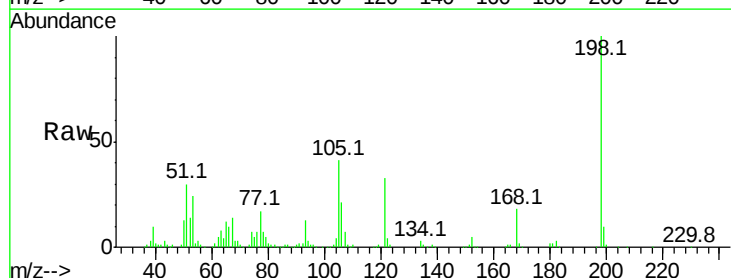
RT: 15.78 min Scan# 2159

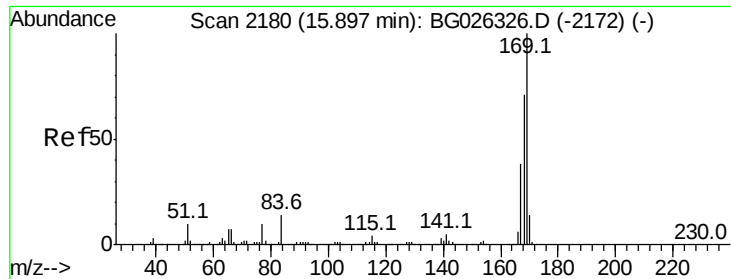
Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	190091		
51	29.6	22.6	62.6	
105	40.6	14.4	54.4	





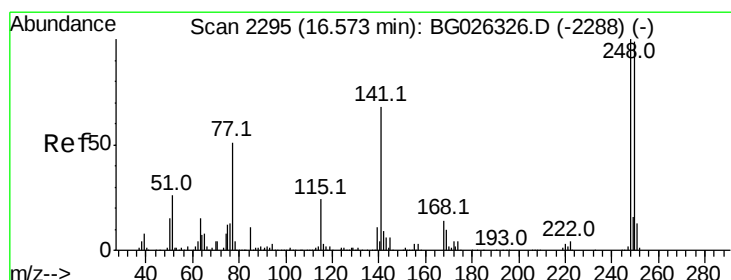
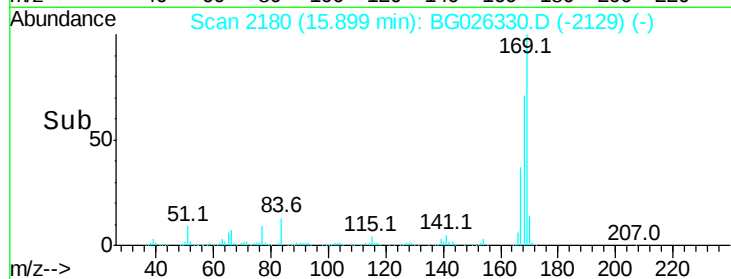
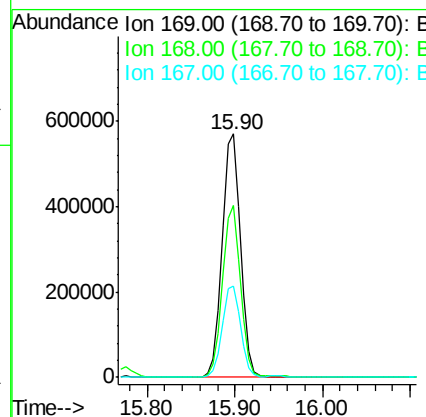
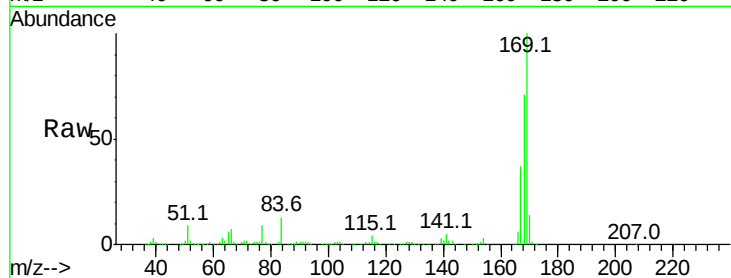
#65
n-Nitrosodiphenylamine
Concen: 40.69 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
169	100	831664		
168	70.6	55.7	83.5	
167	37.3	29.8	44.6	

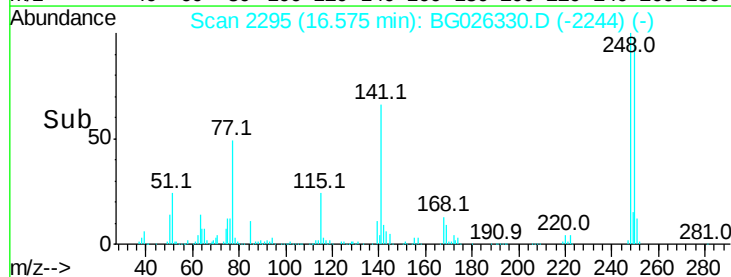
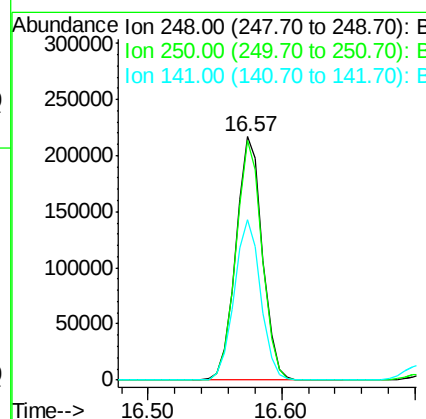
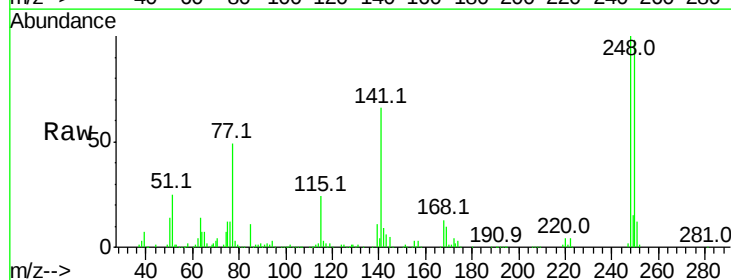
Manual Integrations
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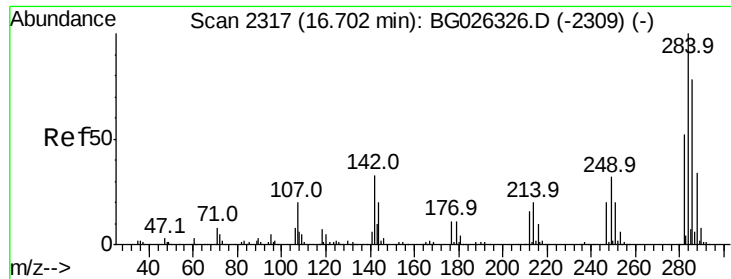
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 41.87 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	300069		
250	98.3	75.0	112.6	
141	65.9	55.2	82.8	





#67

Hexachlorobenzene

Concen: 40.20 ng

RT: 16.70 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

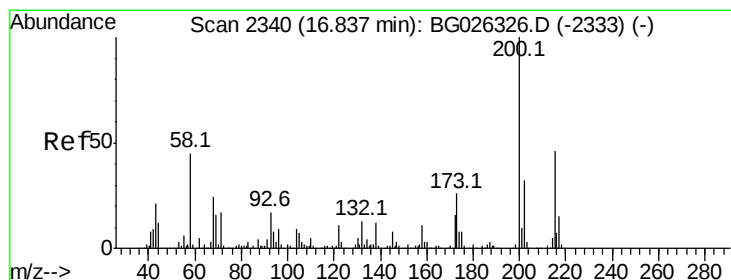
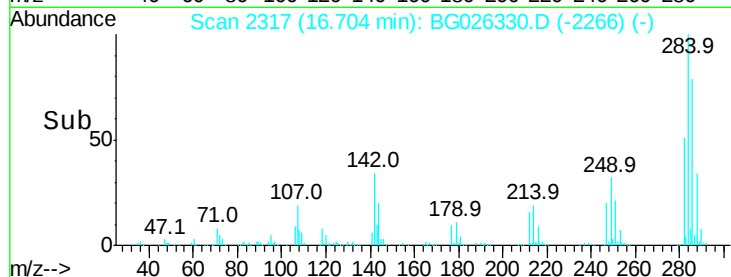
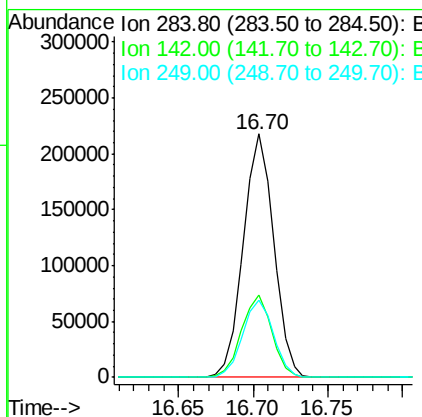
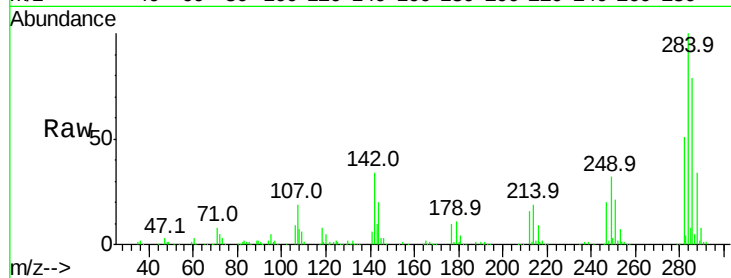
ClientSampleId :

ICVBG032017

Tot Ion:	284	Resp:	307352
Ion Ratio		Lower	Upper
284	100		
142	33.9	29.9	44.9
249	31.8	29.2	43.8

Manual Integrations
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#68

Atrazine

Concen: 41.13 ng

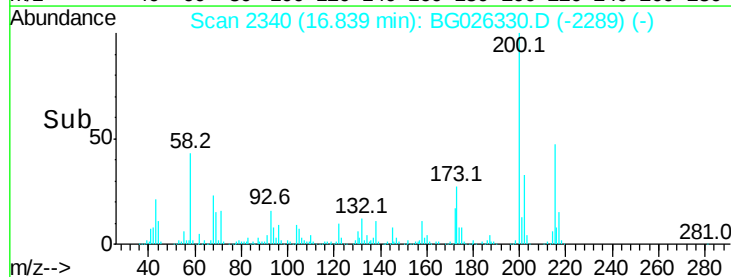
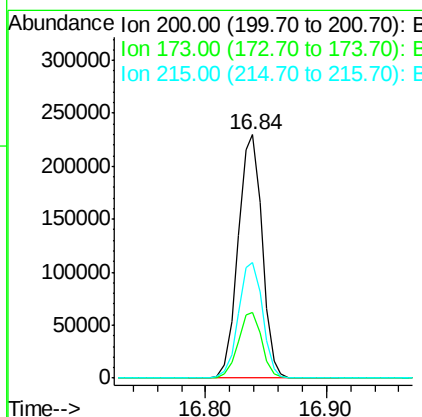
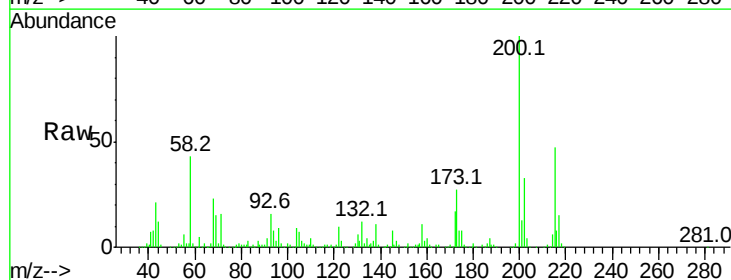
RT: 16.84 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion:	200	Resp:	318216
Ion Ratio		Lower	Upper
200	100		
173	27.1	3.0	43.0
215	47.4	28.4	68.4





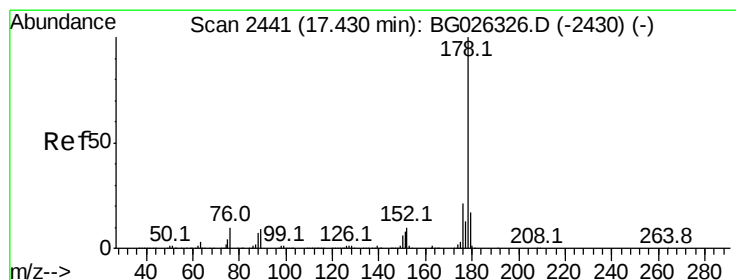
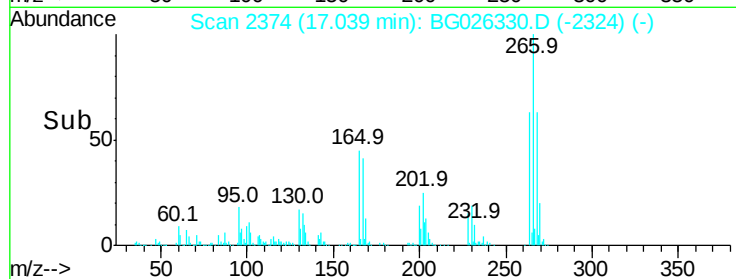
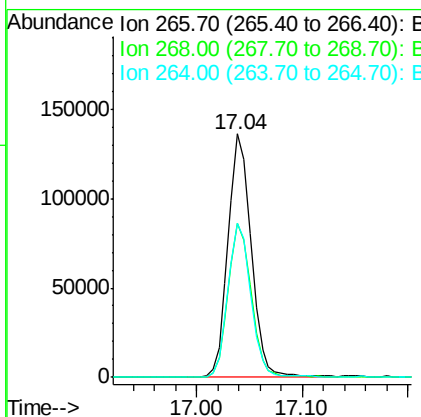
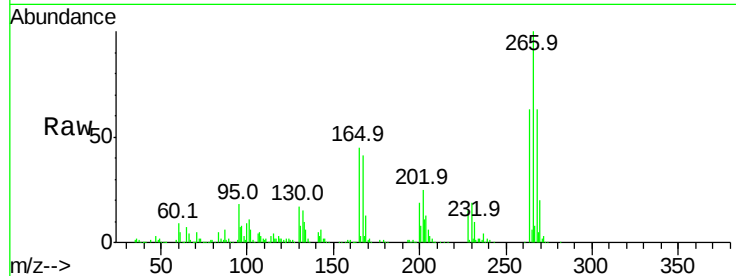
#69
 Pentachlorophenol
 Concen: 41.64 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion	Ratio	Resp	Lower	Upper
266	100	206972		
268	63.4	48.6	72.8	
264	63.1	50.1	75.1	

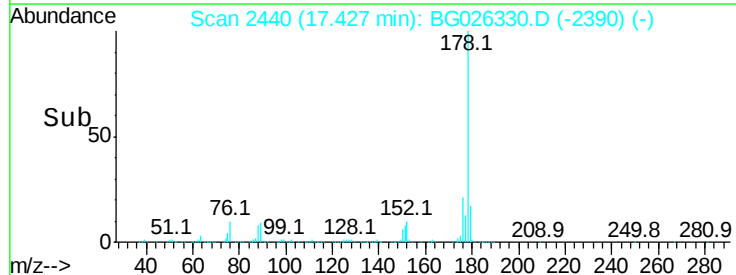
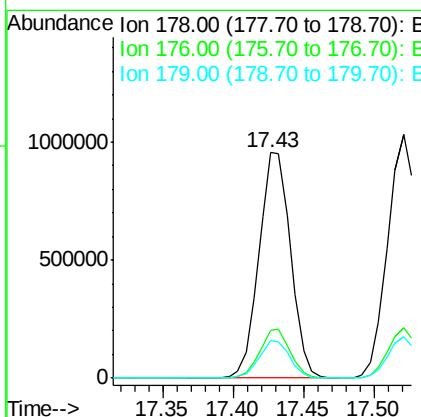
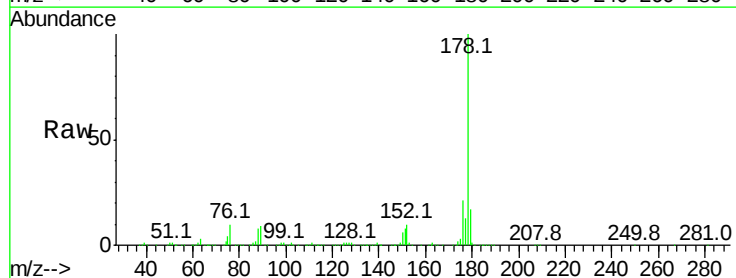
Manual Integrations
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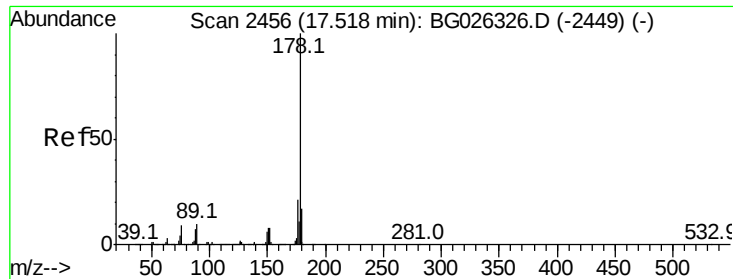
mohammad
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#70
 Phenanthrene
 Concen: 40.31 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1507518		
176	21.0	17.7	26.5	
179	16.9	15.0	22.6	





#71

Anthracene

Concen: 41.06 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

ClientSampleId :

ICVBG032017

Tot Ion:178 Resp: 1566401

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

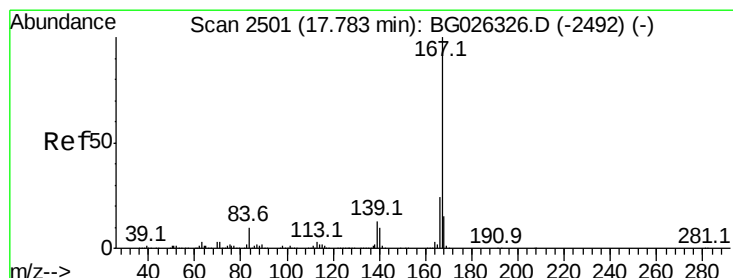
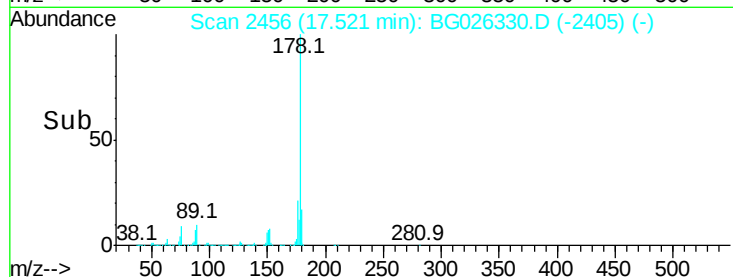
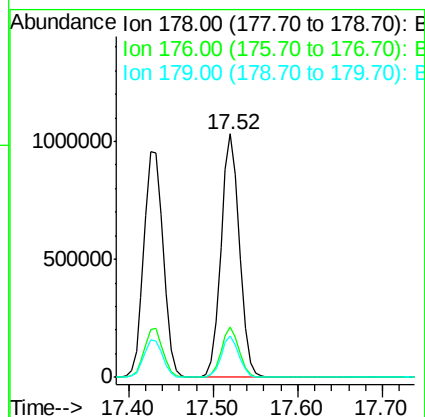
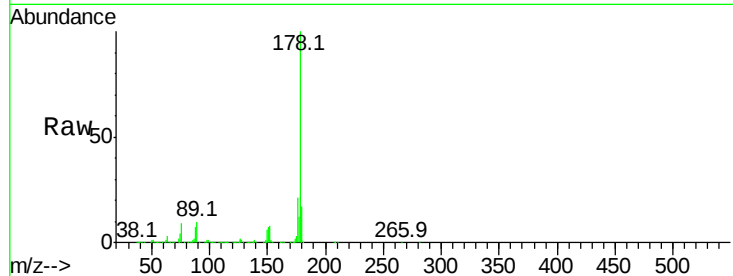
179 16.9 13.8 20.8

Manual Integrations

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#72

Carbazole

Concen: 40.60 ng

RT: 17.78 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

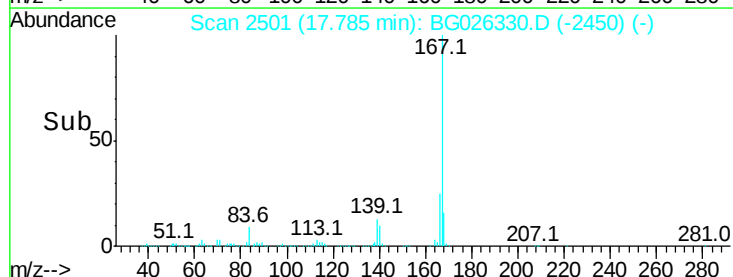
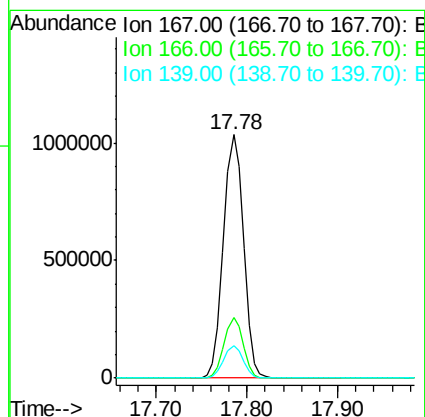
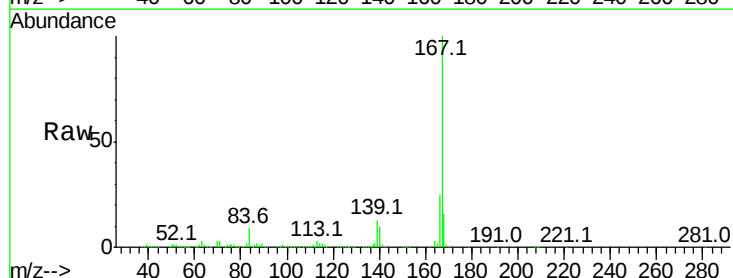
Tgt Ion:167 Resp: 1594704

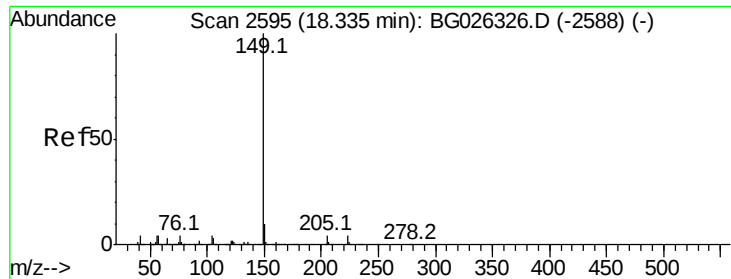
Ion Ratio Lower Upper

167 100

166 24.7 20.2 30.2

139 13.1 12.8 19.2





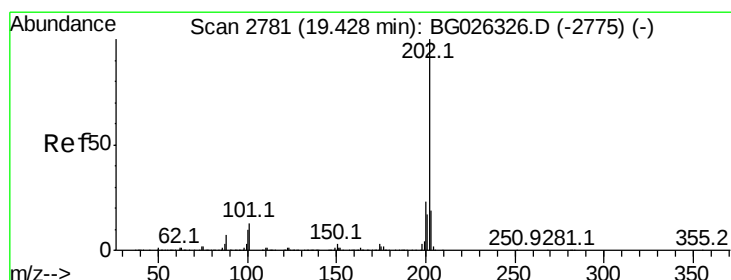
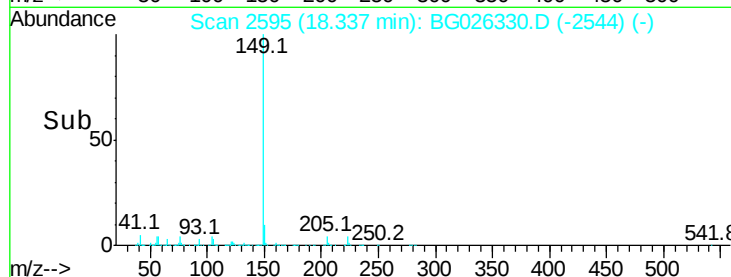
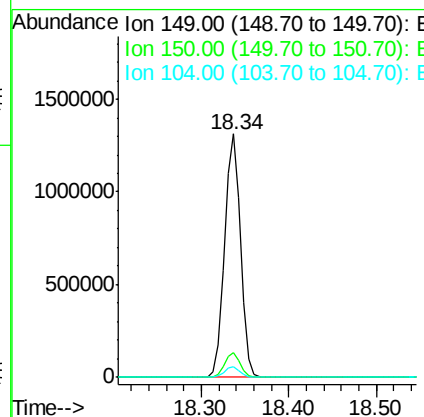
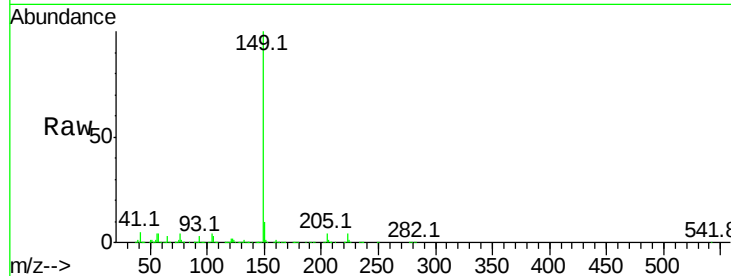
#73
Di-n-butylphthalate
Concen: 41.13 ng
RT: 18.34 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.1	13.7
104	4.4	6.7	10.1

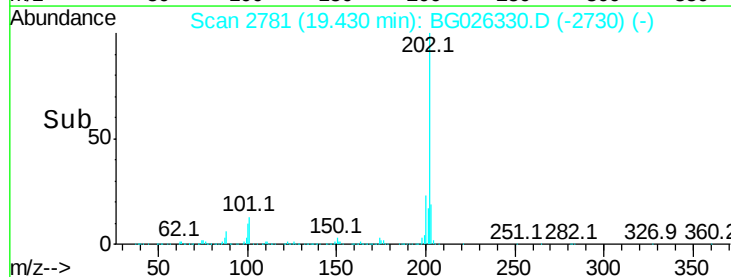
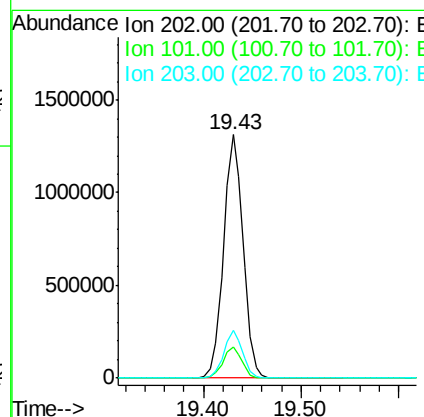
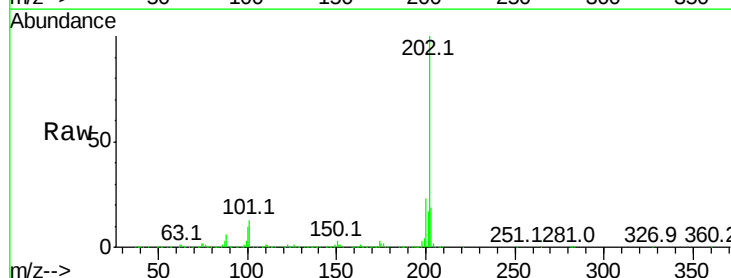
Manual Integrations
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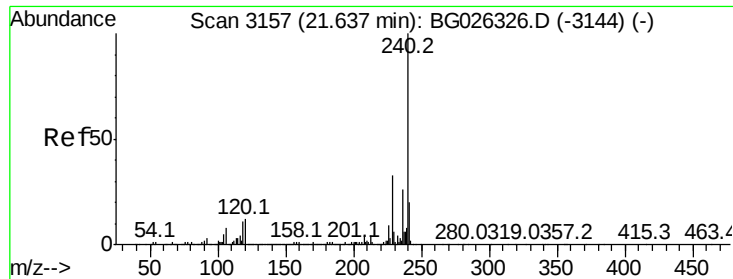
mohammad
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#74
Fluoranthene
Concen: 41.08 ng
RT: 19.43 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	30.1
203	19.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

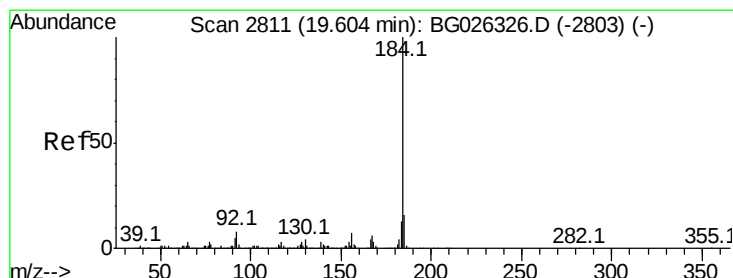
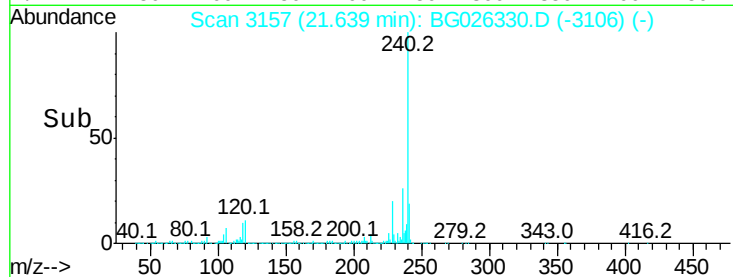
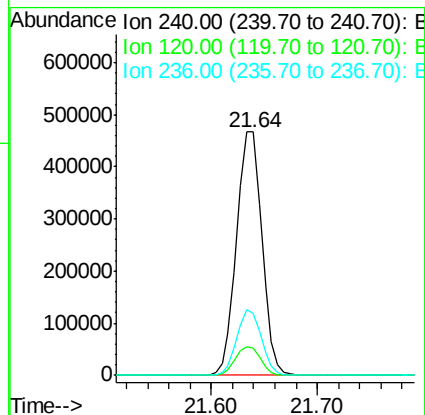
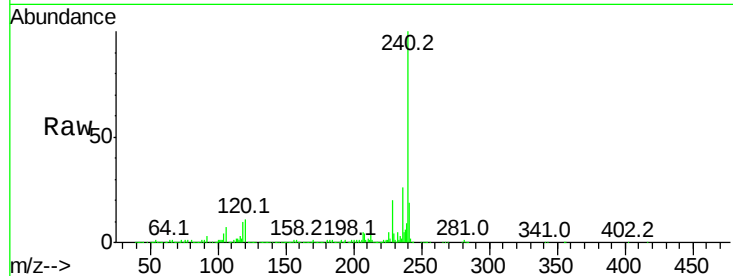
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.6	22.2	33.4

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#76

Benzidine

Concen: 41.55 ng

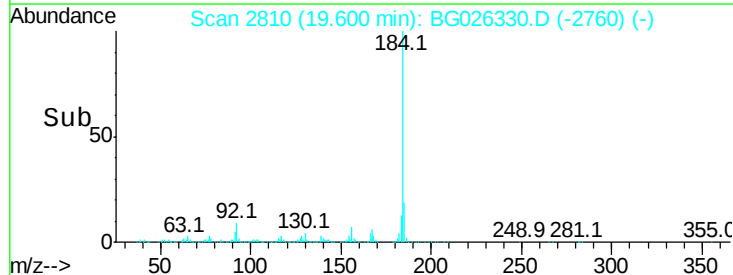
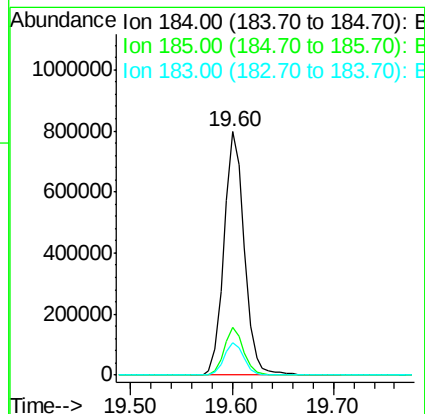
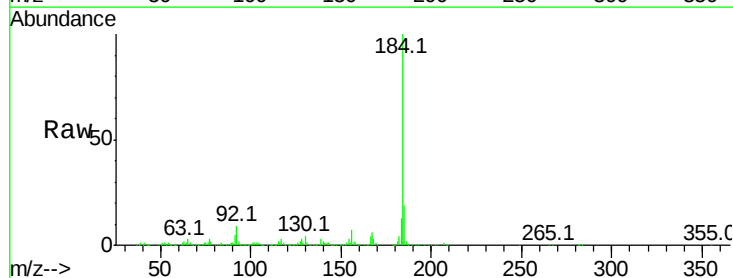
RT: 19.60 min Scan# 2810

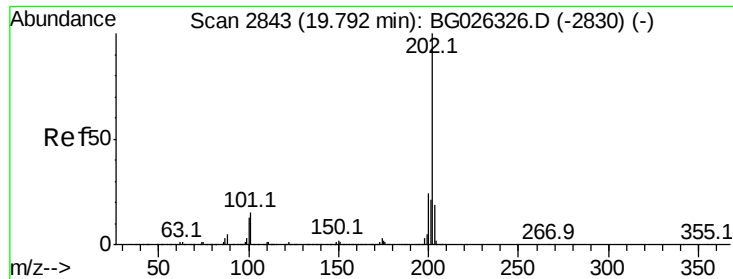
Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.4	13.0	19.6
183	13.4	11.0	16.6





#77

Pvrene

Concen: 41.75 ng

RT: 19.79 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

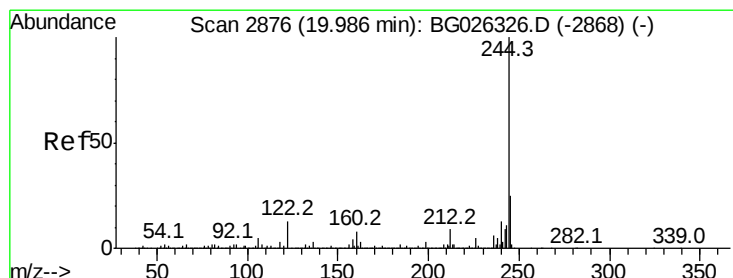
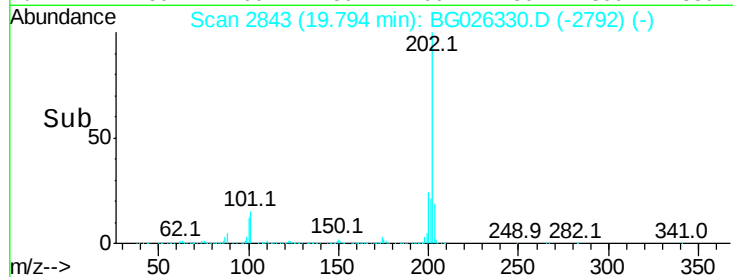
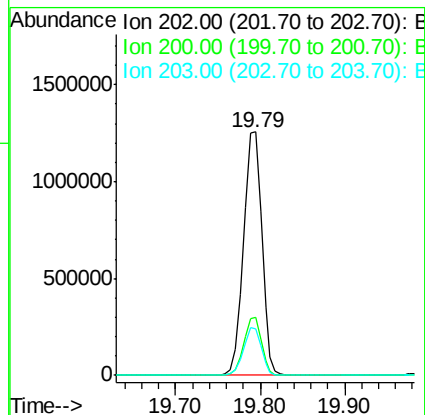
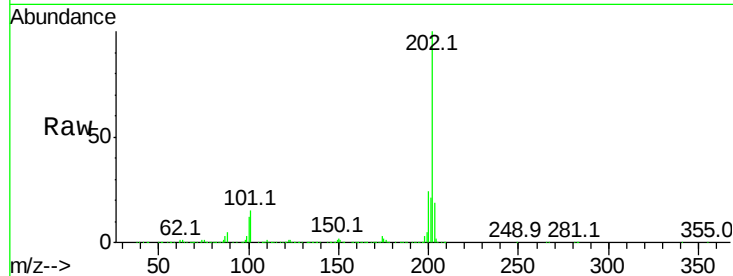
ClientSampleId :

ICVBG032017

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.6	29.4
203	19.3	15.8	23.8

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#78

Terphenyl-d14

Concen: 82.08 ng

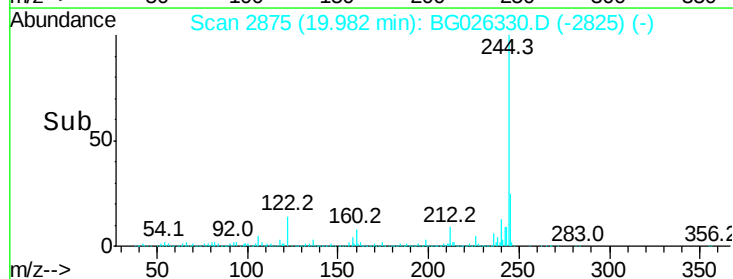
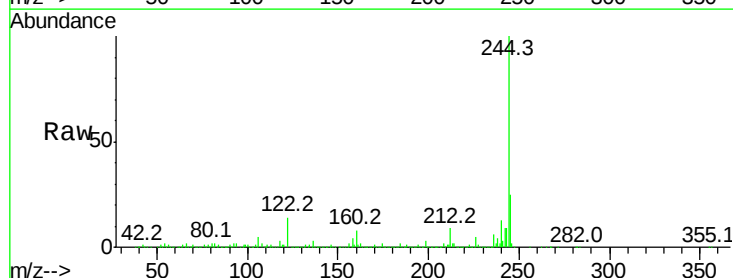
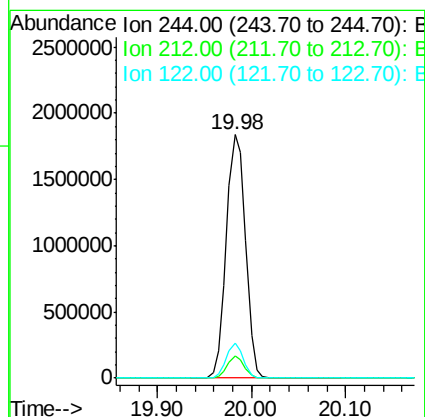
RT: 19.98 min Scan# 2875

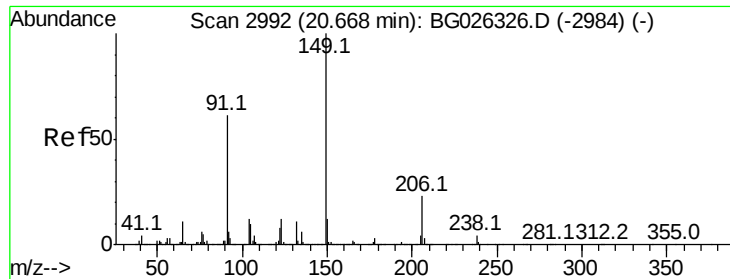
Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	14.4	8.6	12.8#





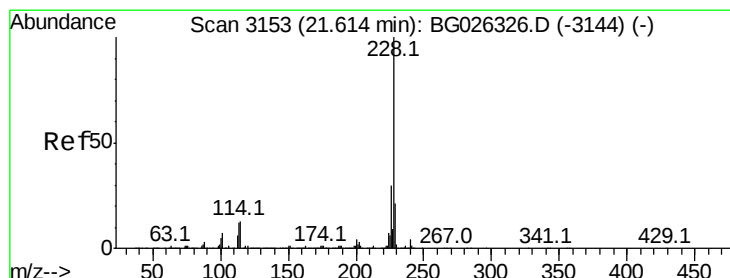
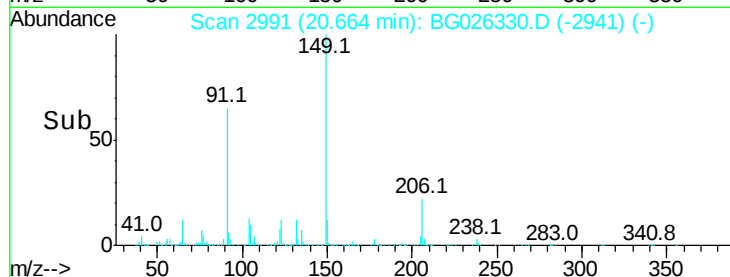
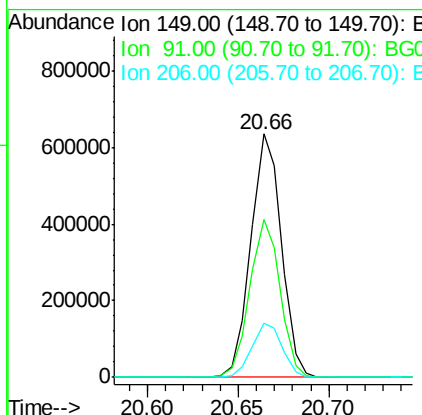
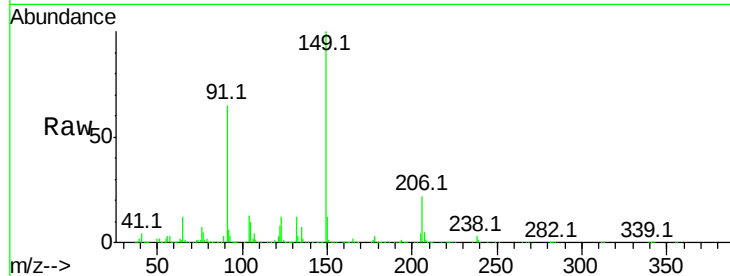
#79
Butylbenzylphthalate
Concen: 41.55 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.0	63.5	95.3
206	22.4	21.0	31.6

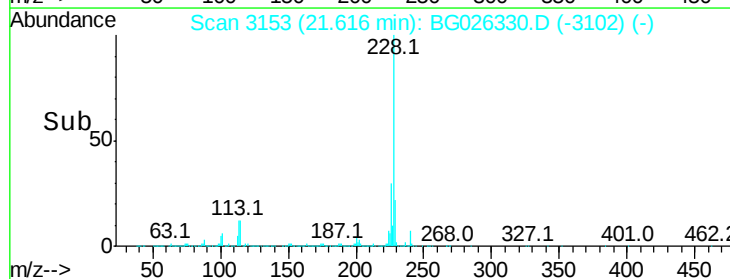
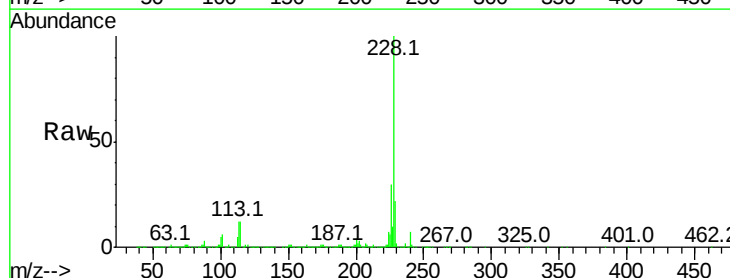
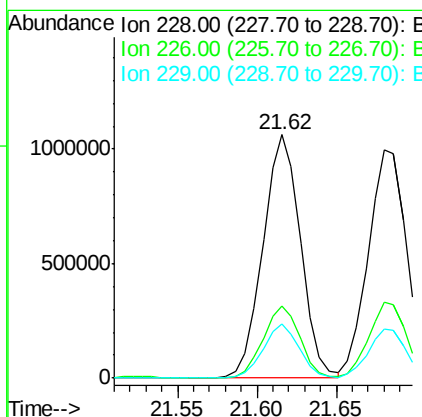
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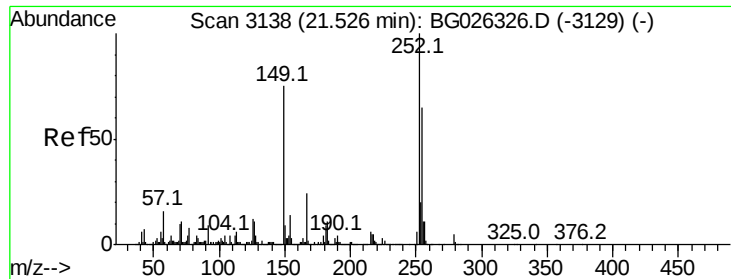
mohammad
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#80
Benzo(a)anthracene
Concen: 40.13 ng
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.0	18.2	27.2





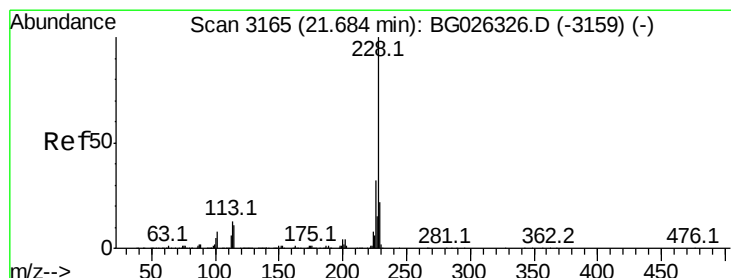
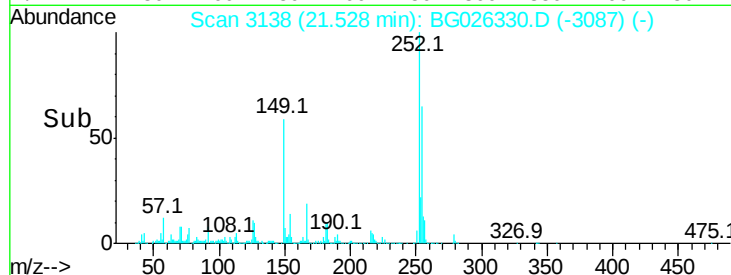
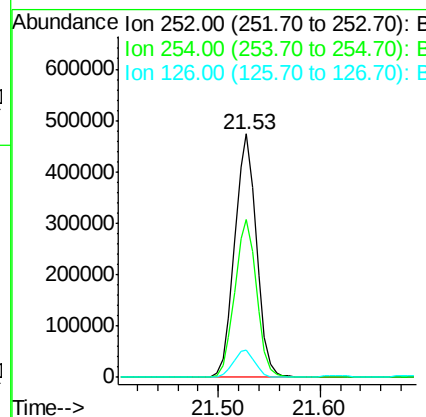
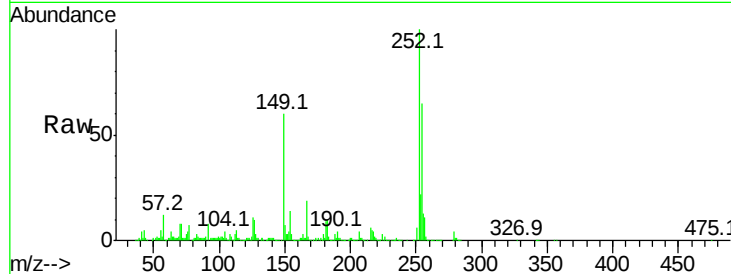
#81
 3,3'-Dichlorobenzidine
 Concen: 39.67 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.1	79.7
126	11.3	7.0	10.4

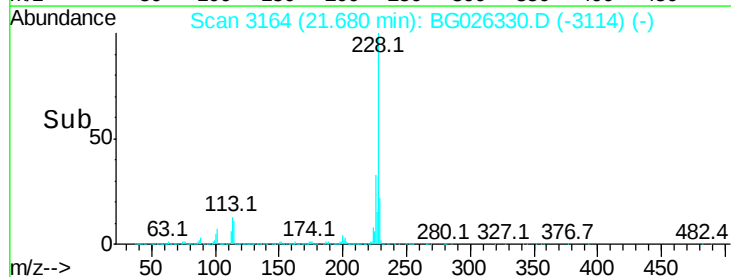
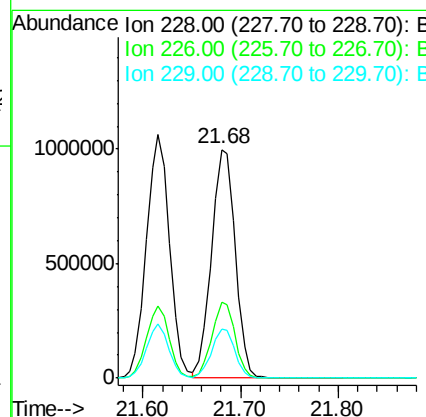
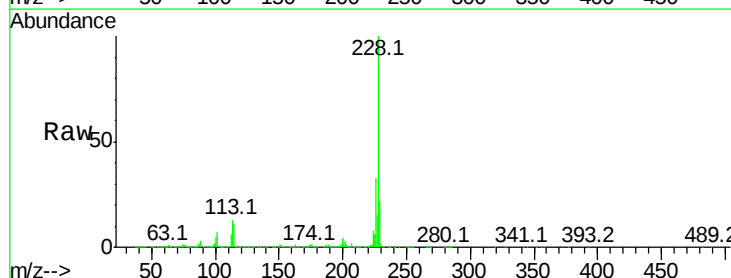
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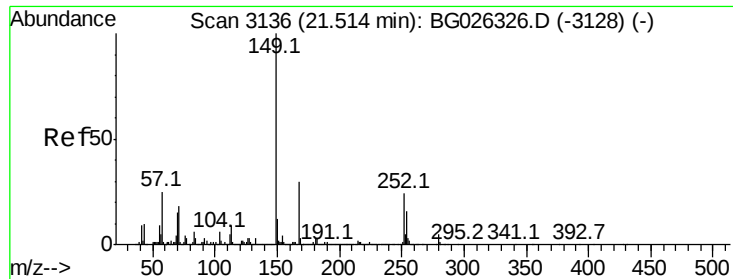
mohammad
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#82
 Chrysene
 Concen: 40.40 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.0	40.4
229	21.6	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.68 ng

RT: 21.52 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

ClientSampleId :

ICVBG032017

Tot Ion:149 Resp: 1101936

Ion Ratio Lower Upper

149 100

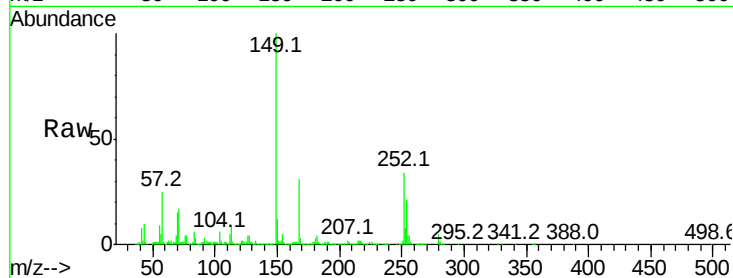
167 30.7 23.7 35.5

279 5.0 4.6 6.8

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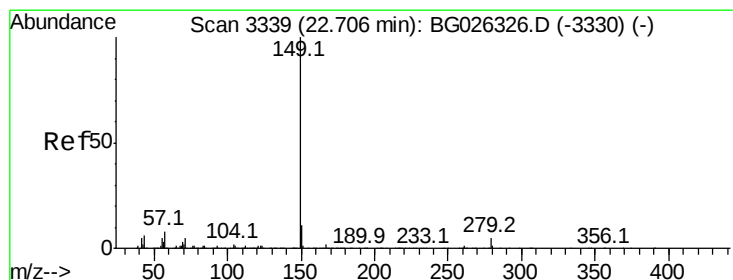
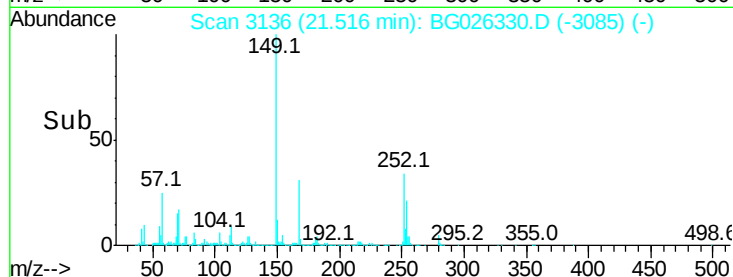
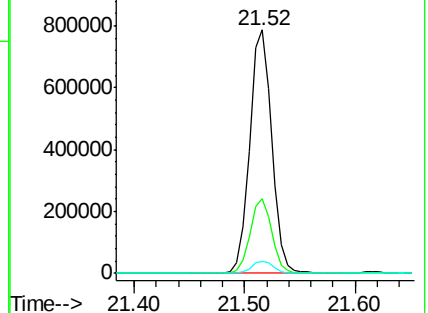
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.09 ng

RT: 22.71 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

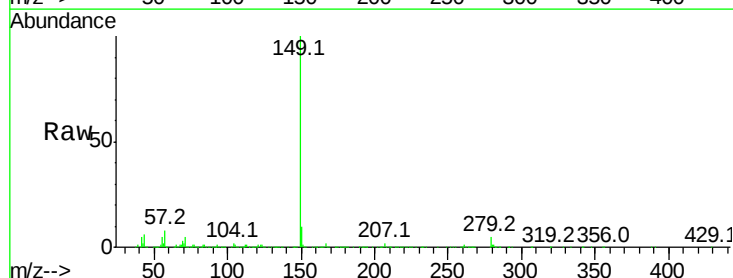
Tgt Ion:149 Resp: 1899594

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

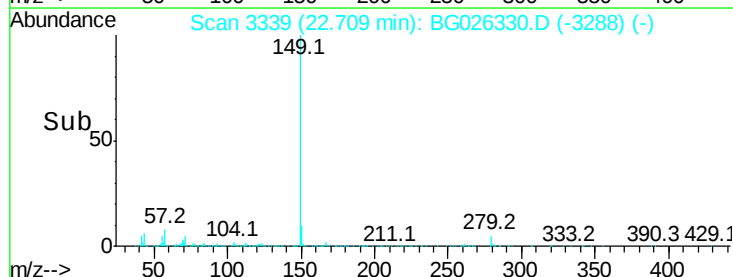
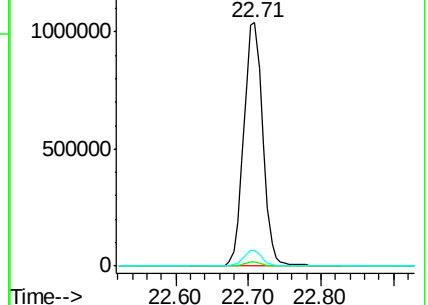
43 6.3 11.8 17.6#

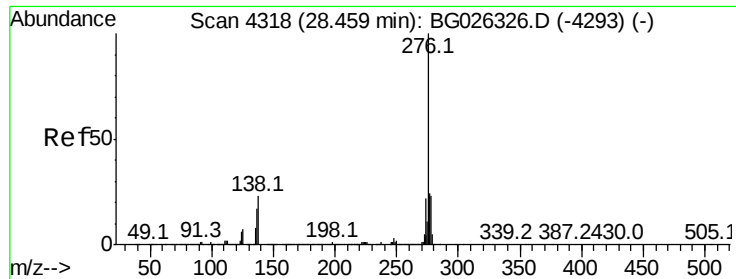


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





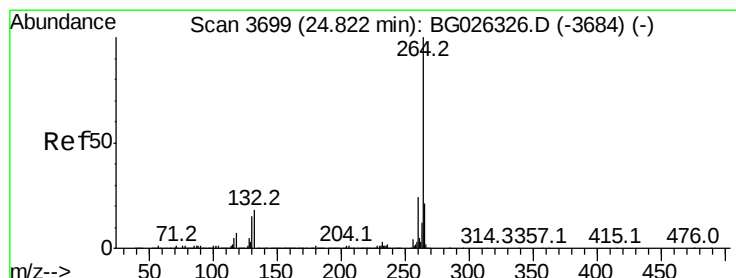
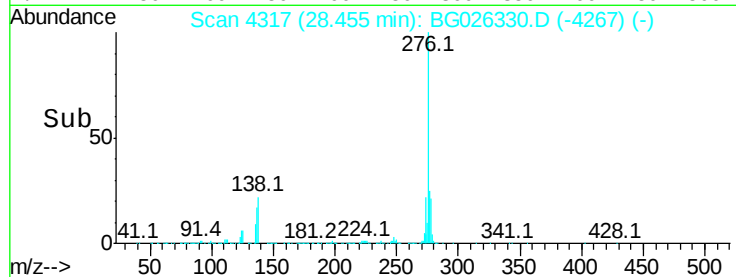
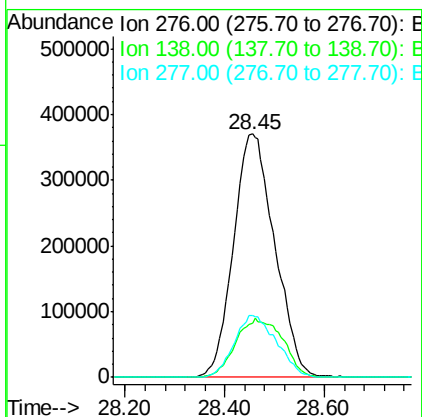
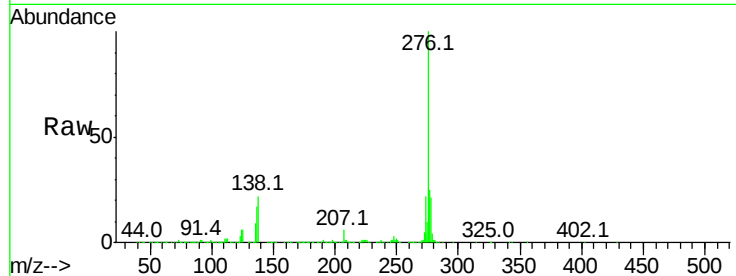
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.42 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion:276 Resp: 2128714
Ion Ratio Lower Upper
276 100
138 27.6 4.7 7.1#
277 26.2 20.6 31.0

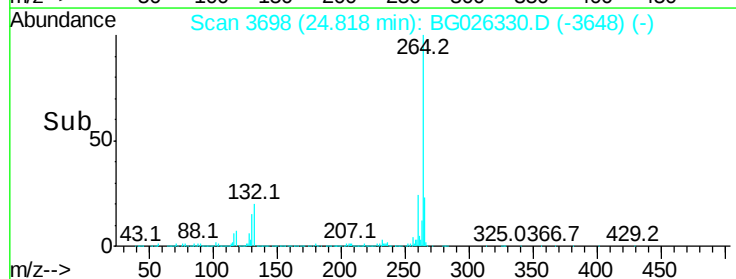
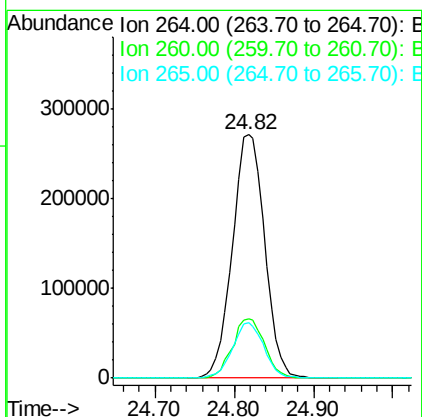
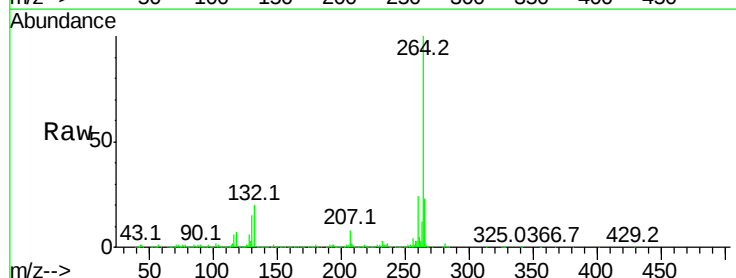
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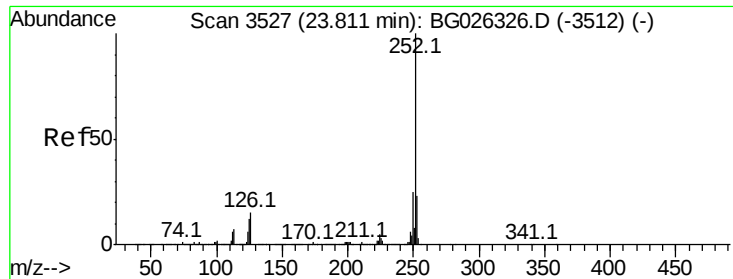
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion:264 Resp: 766245
Ion Ratio Lower Upper
264 100
260 24.3 21.8 32.8
265 22.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 40.63 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Instrument :

BNA_G

ClientSampleId :

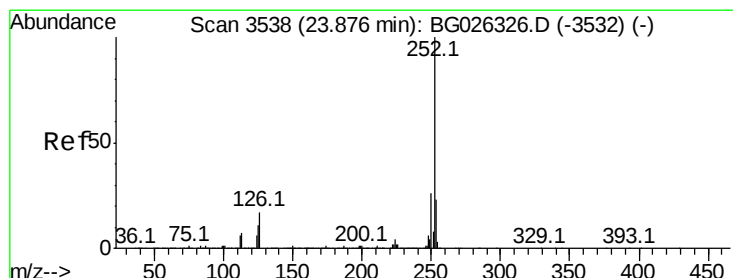
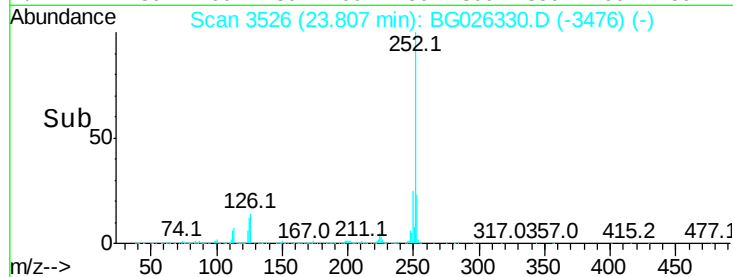
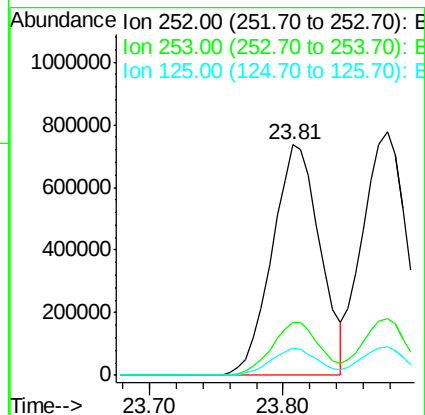
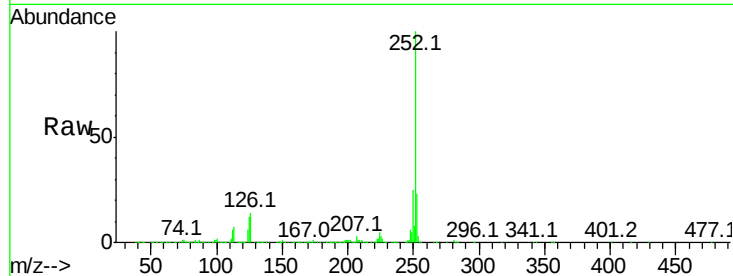
ICVBG032017

Tot Ion:252 Resp: 1835191

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	11.7	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 40.62 ng

RT: 23.88 min Scan# 3538

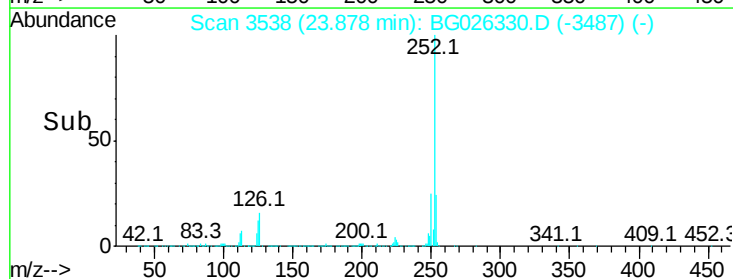
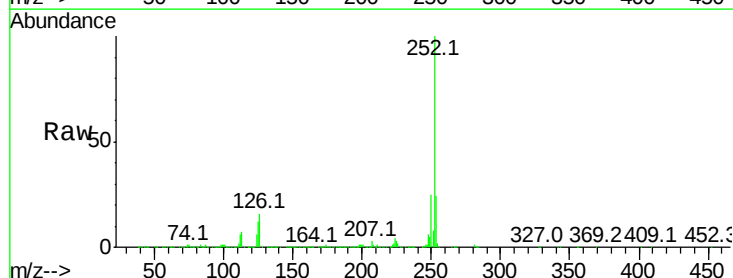
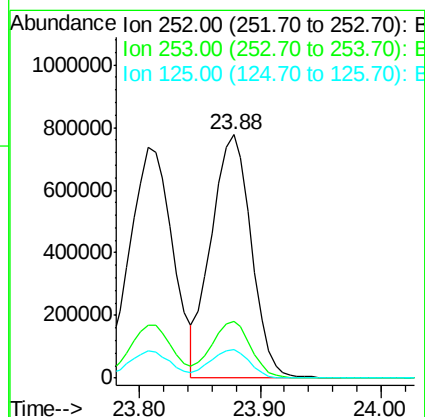
Delta R.T. 0.00 min

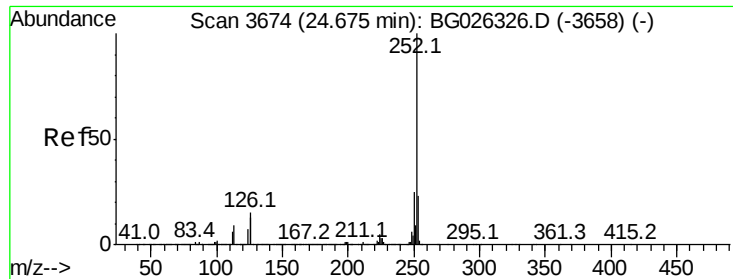
Lab File: BG026330.D

Acq: 20 Mar 2017 17:08

Tgt Ion:252 Resp: 1779274

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.2	30.2
125	11.8	5.1	7.7#





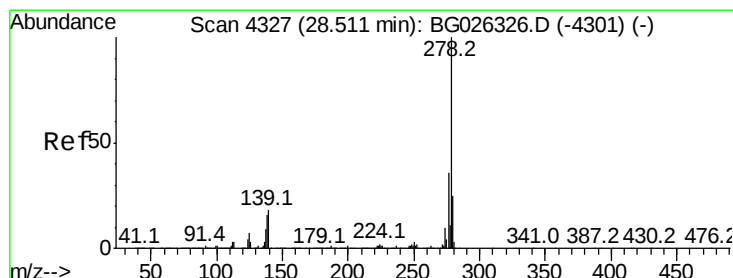
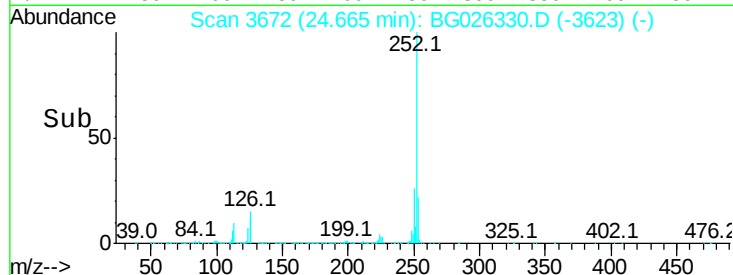
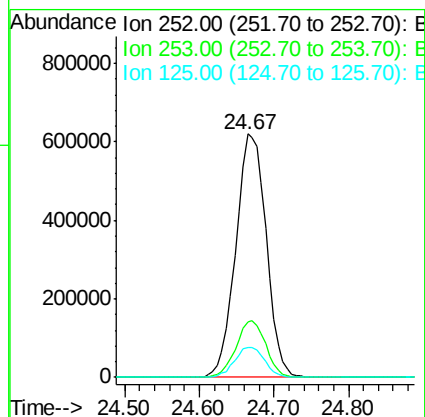
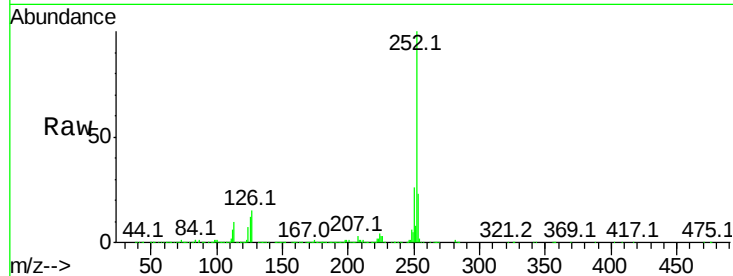
#89
Benzo(a)pyrene
Concen: 40.58 ng
RT: 24.67 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Instrument :
BNA_G
ClientSampleId :
ICVBG032017

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	12.3	5.4	8.0

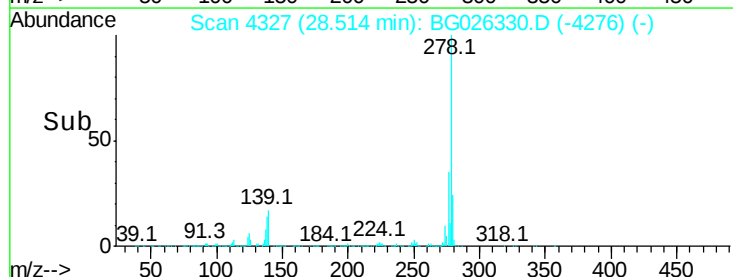
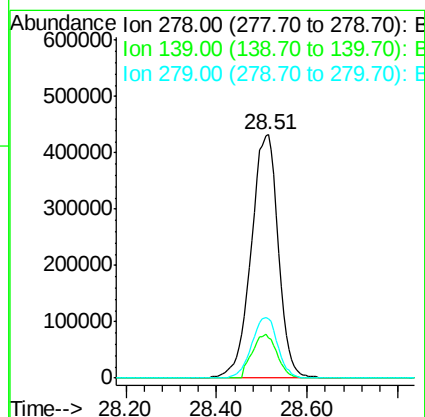
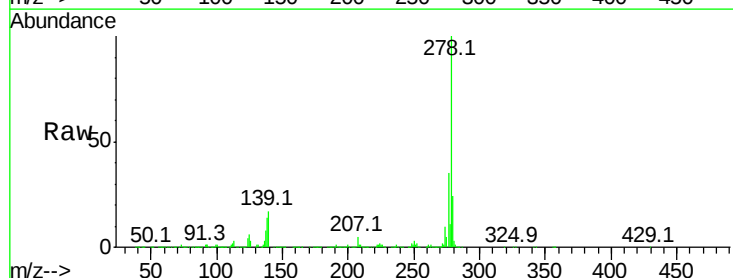
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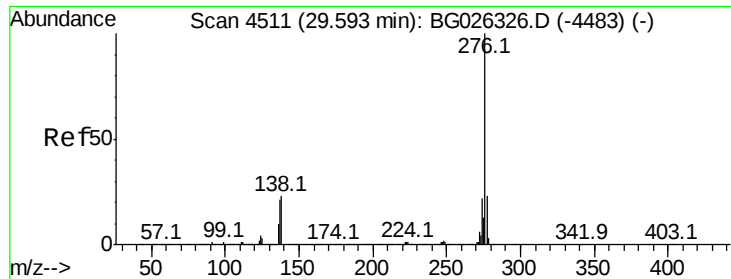
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 40.90 ng
RT: 28.51 min Scan# 4327
Delta R.T. 0.00 min
Lab File: BG026330.D
Acq: 20 Mar 2017 17:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	7.7	11.5
279	24.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 40.68 ng
 RT: 29.59 min Scan# 4511
 Delta R.T. 0.00 min
 Lab File: BG026330.D
 Acq: 20 Mar 2017 17:08

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG032017

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	23.2	8.1	12.1#

Manual Integrations
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