

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
 Data File : BG026624.D
 Acq On : 11 Apr 2017 19:47
 Operator : SJ/MA
 Sample : PB98180BS
 Misc : For Confirmation
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Manual Integrations
 APPROVED

mohammad
 4/12/2017 5:13:16 PM

Quant Time: Apr 12 05:53:18 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	8.04	152	169205	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	722467	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	450552	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1086824	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1208420	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1219874	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1381211	144.88	ng	0.00
7) Phenol-d6	7.20	99	1808917	141.34	ng	0.00
23) Nitrobenzene-d5	9.19	82	958118	79.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	843720	163.52	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2671775	83.16	ng	-0.01
78) Terphenyl-d14	19.97	244	3667540	73.71	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	141624	33.10	ng	# 70
3) Pyridine	3.89	79	392825	33.52	ng	# 59
4) n-Nitrosodimethylamine	3.80	42	126466	39.48	ng	# 1
6) Aniline	7.36	93	369123	21.59	ng	# 86
8) 2-Chlorophenol	7.60	128	521237	48.56	ng	# 78
9) Benzaldehyde	7.17	77	113547	13.14	ng	# 60
10) Phenol	7.23	94	645069	47.23	ng	# 69
11) bis(2-Chloroethyl)ether	7.45	93	458799	40.96	ng	# 79
12) 1,3-Dichlorobenzene	7.93	146	553510	43.31	ng	# 85
13) 1,4-Dichlorobenzene	8.07	146	563049	43.56	ng	# 92
14) 1,2-Dichlorobenzene	8.39	146	540616	43.70	ng	# 89
15) Benzyl Alcohol	8.27	79	351976	41.95	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.57	45	436133	35.07	ng	# 78
17) 2-Methylphenol	8.48	107	450293	46.42	ng	# 79
18) Hexachloroethane	9.12	117	177098	41.90	ng	# 96
19) n-Nitroso-di-n-propylamine	8.84	70	332627	40.43	ng	# 69
20) 3+4-Methylphenols	8.80	107	629932	47.17	ng	# 84
22) Acetophenone	8.85	105	726391	43.72	ng	# 72
24) Nitrobenzene	9.24	77	489159	41.23	ng	# 69
25) Isophorone	9.75	82	951220	42.00	ng	# 89
26) 2-Nitrophenol	9.95	139	304083	49.26	ng	# 60
27) 2,4-Dimethylphenol	10.01	122	517690	51.09	ng	# 85
28) bis(2-Chloroethoxy)methane	10.23	93	626591	42.59	ng	# 97
29) 2,4-Dichlorophenol	10.48	162	545811	53.26	ng	# 93
30) 1,2,4-Trichlorobenzene	10.70	180	552322	47.98	ng	# 98
31) Naphthalene	10.89	128	1573635	43.08	ng	# 99
32) Benzoic acid	10.15	122	319176	40.94	ng	# 69
33) 4-Chloroaniline	11.00	127	69653	4.69	ng	# 79
34) Hexachlorobutadiene	11.17	225	317410	46.74	ng	# 97
35) Caprolactam	11.76	113	196553m	48.68	ng	#
36) 4-Chloro-3-methylphenol	12.11	107	537616	49.04	ng	# 74
37) 2-Methylnaphthalene	12.48	142	1237242	46.24	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	594379	43.85	ng	# 97
40) Hexachlorocyclopentadiene	12.83	237	709875	99.48	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	445726	50.22	nq	95
43) 2,4,5-Trichlorophenol	13.16	196	486950	49.63	nq	# 90
45) 1,1'-Biphenyl	13.48	154	1590250	42.62	nq	99
46) 2-Chloronaphthalene	13.52	162	1213334	44.52	nq	97
47) 2-Nitroaniline	13.72	65	316402	40.83	nq	# 46
48) Acenaphthylene	14.36	152	1984440	41.77	nq	99
49) Dimethylphthalate	14.09	163	1592706	46.83	nq	99
50) 2,6-Dinitrotoluene	14.21	165	391268	49.30	nq	# 58
51) Acenaphthene	14.71	154	1268315	43.35	nq	99
52) 3-Nitroaniline	14.55	138	125527	14.36	nq	# 58
53) 2,4-Dinitrophenol	14.75	184	473290	102.79	nq	# 75
54) Dibenzofuran	15.04	168	1937548	47.04	nq	# 89
55) 4-Nitrophenol	14.86	139	678052	94.75	nq	# 38
56) 2,4-Dinitrotoluene	15.00	165	552630	49.51	nq	# 67
57) Fluorene	15.69	166	1616723	44.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.26	232	465216	54.37	nq	# 94
59) Diethylphthalate	15.45	149	1590766	45.77	nq	97
60) 4-Chlorophenyl-phenylether	15.68	204	811753	46.73	nq	88
61) 4-Nitroaniline	15.70	138	416534	45.06	nq	# 50
62) Azobenzene	15.96	77	1255724	44.43	nq	77
64) 4,6-Dinitro-2-methylphenol	15.76	198	354906	51.80	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1456638	45.67	nq	98
66) 4-Bromophenyl-phenylether	16.56	248	555703	49.68	nq	95
67) Hexachlorobenzene	16.69	284	591339	49.56	nq	# 89
68) Atrazine	16.83	200	512312	42.43	nq	97
69) Pentachlorophenol	17.03	266	718547	92.62	nq	95
70) Phenanthrene	17.42	178	2511122	43.03	nq	99
71) Anthracene	17.51	178	2584558	43.40	nq	97
72) Carbazole	17.77	167	2465594	40.22	nq	97
73) Di-n-butylphthalate	18.32	149	2692524	42.75	nq	# 95
74) Fluoranthene	19.42	202	2932759	42.73	nq	97
76) Benzidine	19.59	184	918485	22.04	nq	98
77) Pyrene	19.78	202	2979127	42.58	nq	97
79) Butylbenzylphthalate	20.65	149	1272013	45.43	nq	# 84
80) Benzo(a)anthracene	21.60	228	2903821	42.70	nq	97
81) 3,3'-Dichlorobenzidine	21.52	252	782055	28.09	nq	97
82) Chrysene	21.67	228	2695577	41.49	nq	99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1796535	42.49	nq	96
84) Di-n-octyl phthalate	22.68	149	3086555	42.77	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3835208	47.81	nq	# 88
87) Benzo(b)fluoranthene	23.79	252	3116735	43.34	nq	# 95
88) Benzo(k)fluoranthene	23.85	252	3099903	44.45	nq	# 96
89) Benzo(a)pyrene	24.65	252	3089644	44.79	nq	# 97
90) Dibenzo(a,h)anthracene	28.47	278	3228055	46.31	nq	# 93
91) Benzo(g,h,i)perylene	29.55	276	3187262	45.38	nq	# 89

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

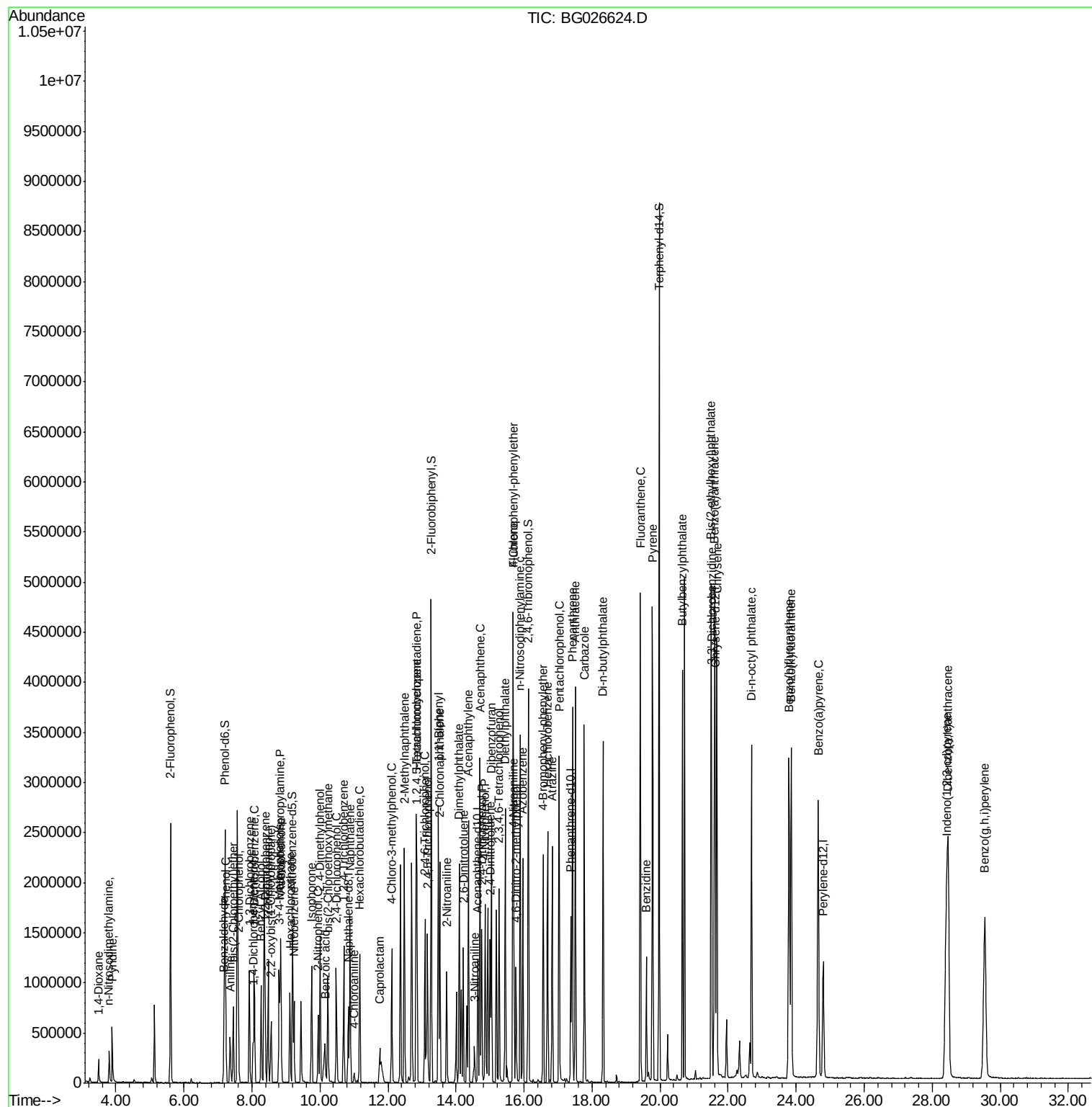
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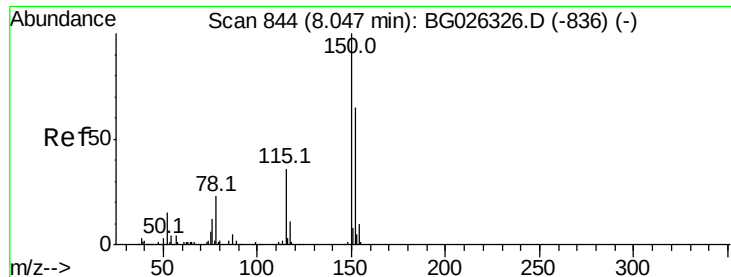
Instrument :
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#1

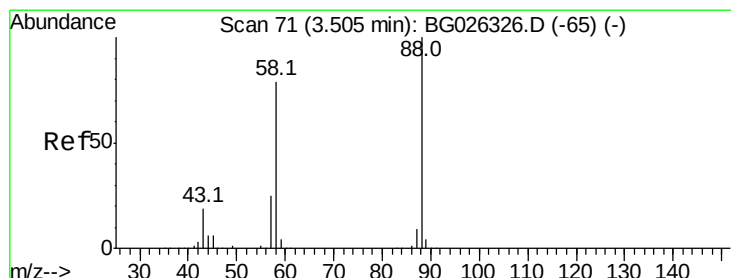
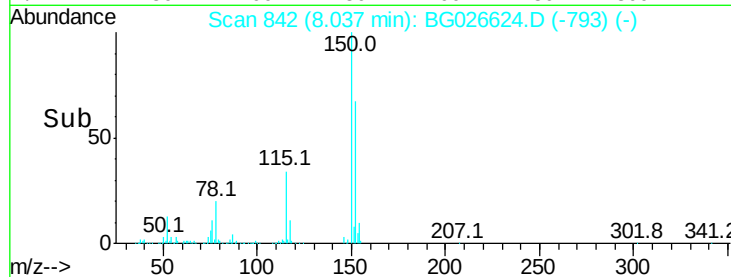
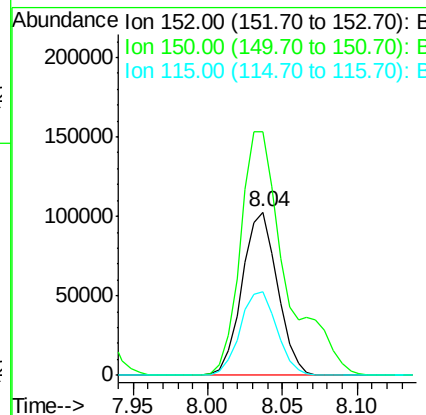
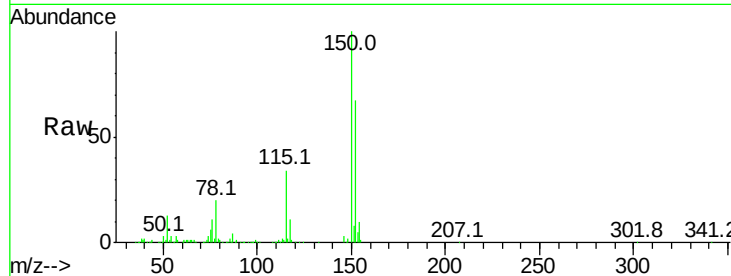
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	114.0	171.0
115	51.1	48.1	72.1

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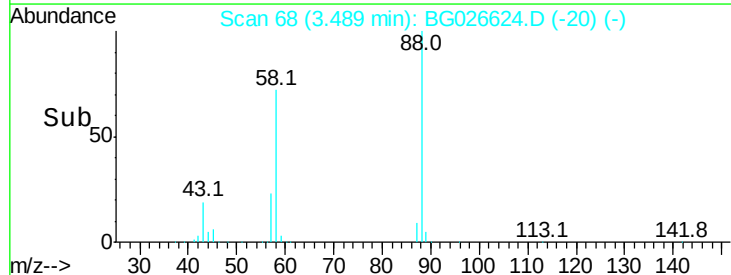
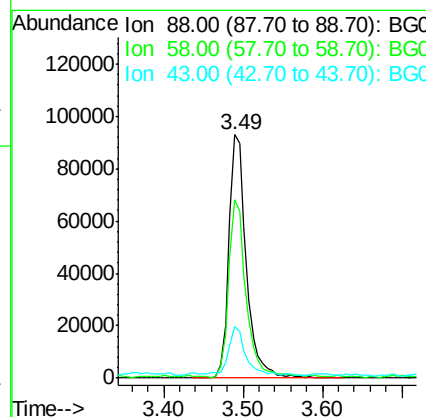
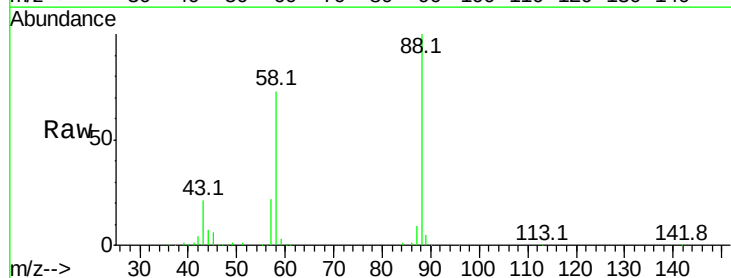
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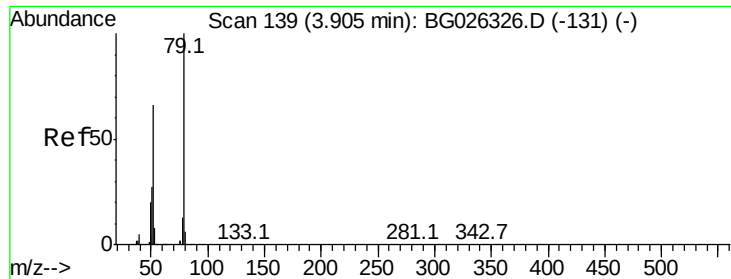


#2

1,4-Dioxane
Concen: 33.10 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	79.4	119.2#
43	18.3	33.8	50.6#





#3

Pvridine

Concen: 33.52 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

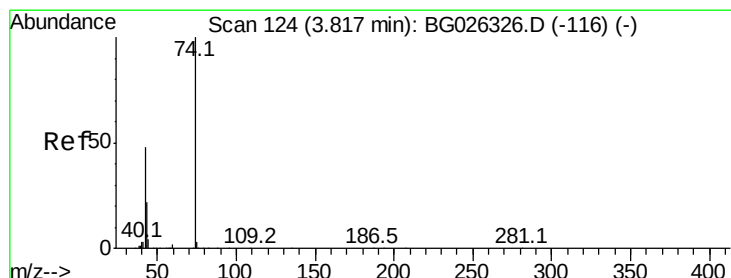
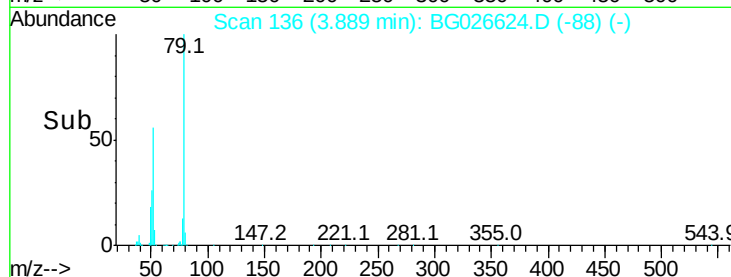
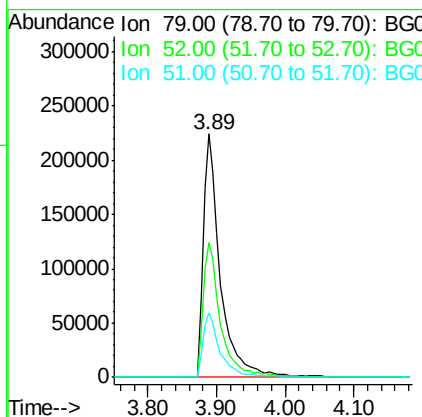
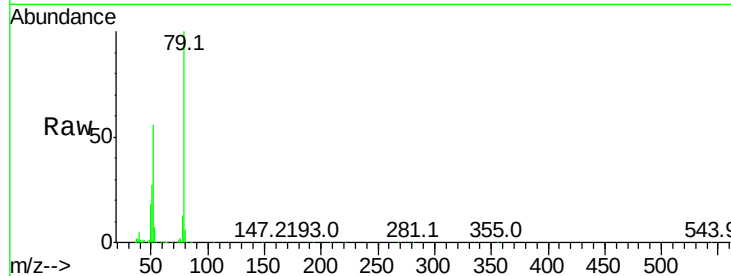
ClientSampleId :

PB98180BS

Tot Ion:	79	Resp:	392825
Ion Ratio	Lower	Upper	
79	100		
52	55.5	77.8	116.6#
51	26.6	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.48 ng

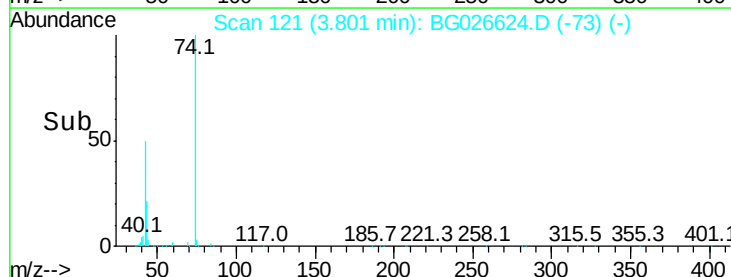
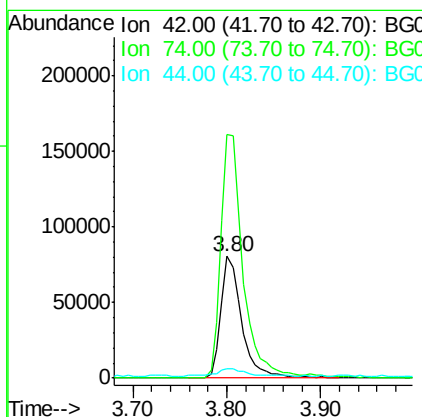
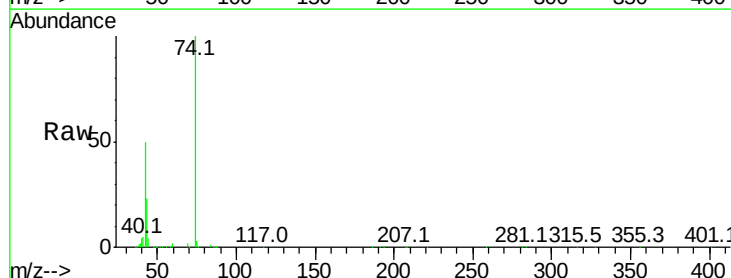
RT: 3.80 min Scan# 121

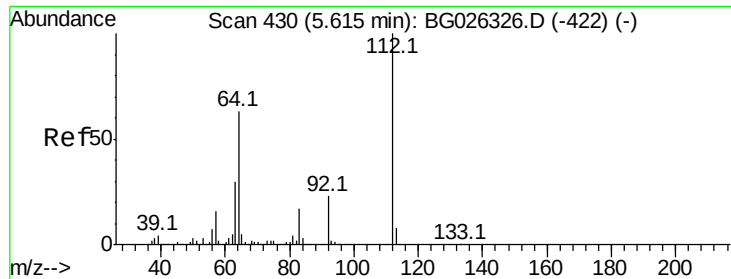
Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Tgt Ion:	42	Resp:	126466
Ion Ratio	Lower	Upper	
42	100		
74	200.2	76.7	115.1#
44	7.9	6.1	9.1





#5

2-Fluorophenol

Concen: 144.88 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampled :

PB98180BS

Tot Ion:112 Resp: 1381211

Ion Ratio Lower Upper

112 100

64 54.2 61.8 92.6#

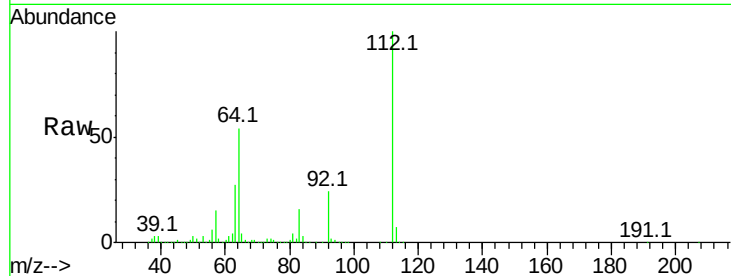
63 26.9 37.2 55.8#

Manual Integrations

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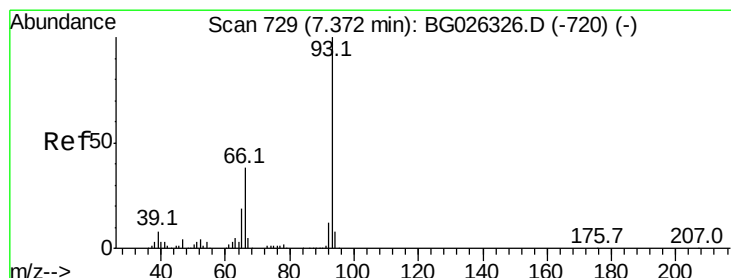
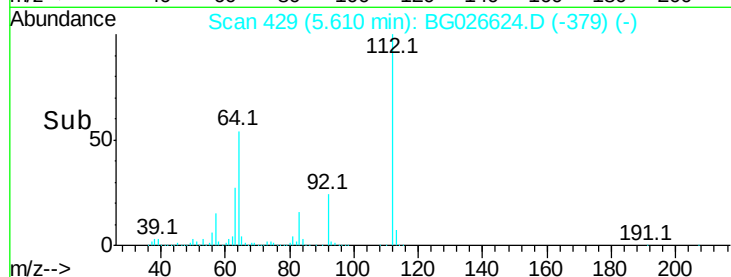
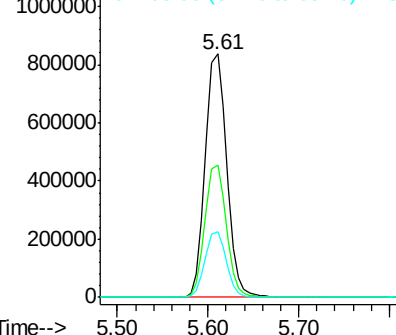
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.59 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

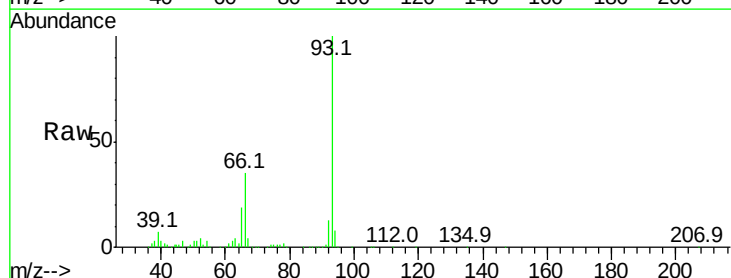
Tgt Ion: 93 Resp: 369123

Ion Ratio Lower Upper

93 100

66 35.3 35.4 53.2#

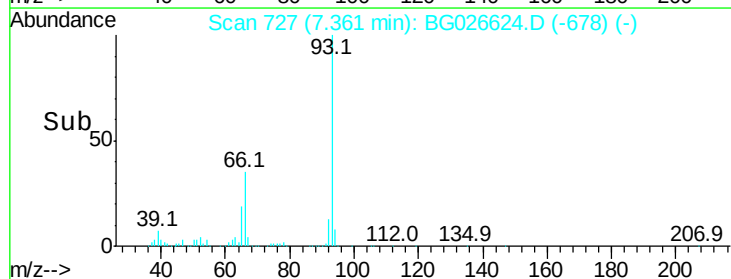
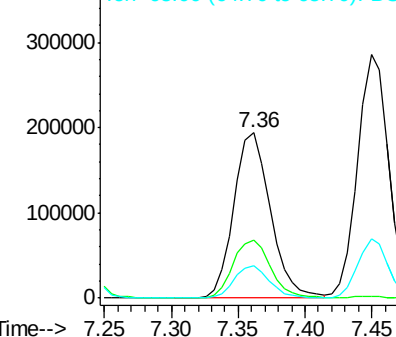
65 19.3 21.2 31.8#

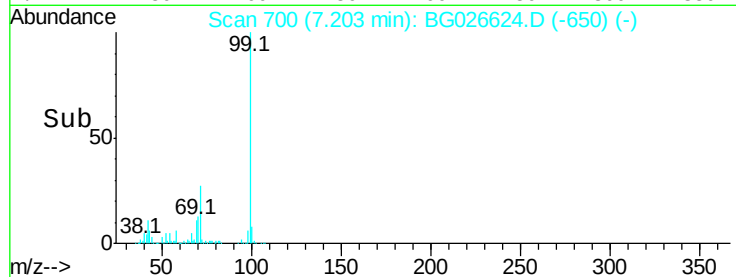
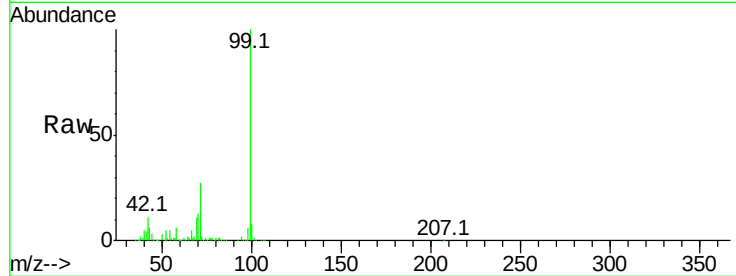
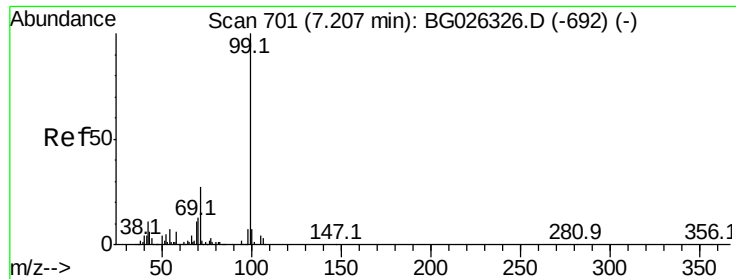


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.34 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026624.D

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Tot Ion	99	Resp	1808917
Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	27.0	37.6	56.4#

Instrument :

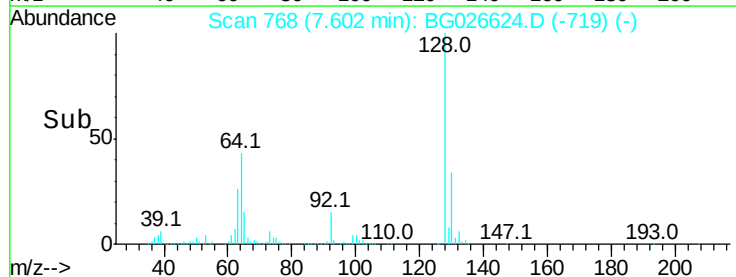
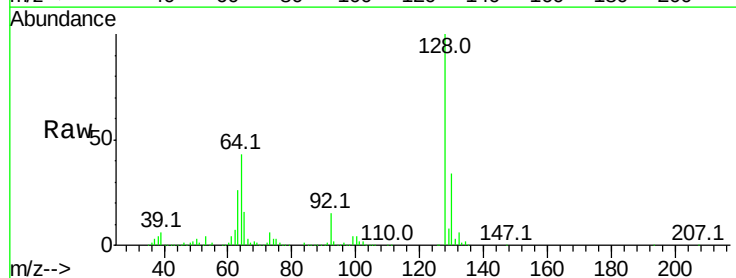
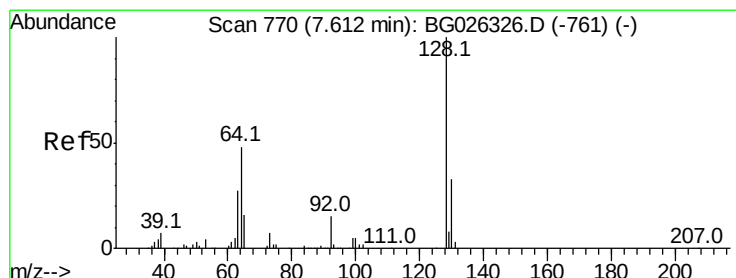
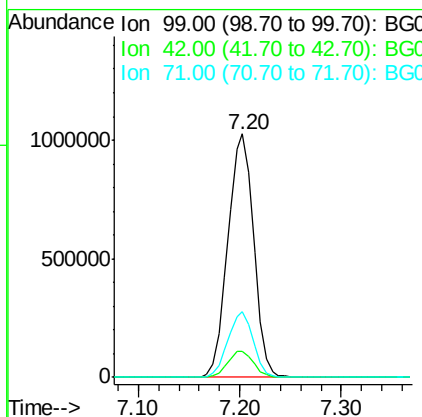
BNA_G

ClientSampled :

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#8

2-Chlorophenol

Concen: 48.56 ng

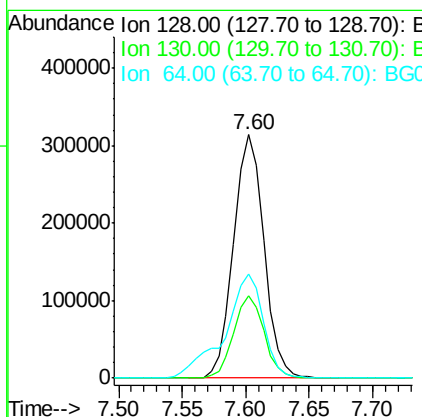
RT: 7.60 min Scan# 768

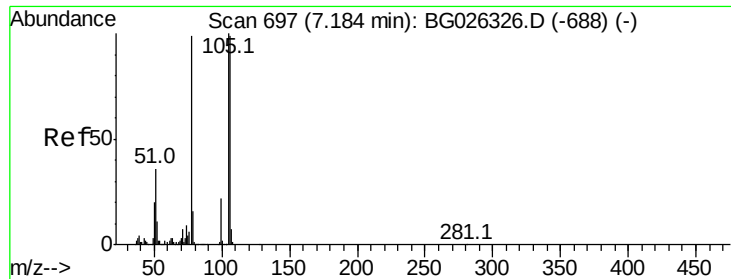
Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Tgt Ion	128	Resp	521237
Ion	Ratio	Lower	Upper
128	100		
130	33.8	11.4	51.4
64	42.7	46.6	86.6#





#9

Benzaldehyde

Concen: 13.14 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

PB98180BS

Tot Ion: 77 Resp: 113547

Ion Ratio Lower Upper

77 100

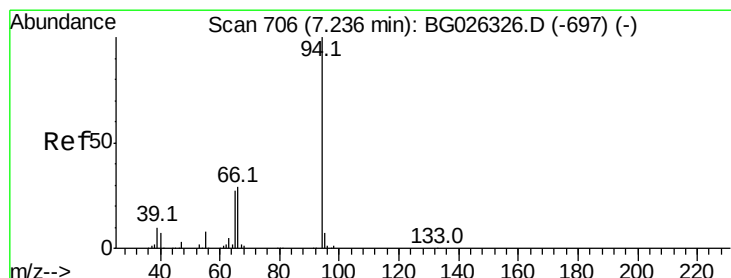
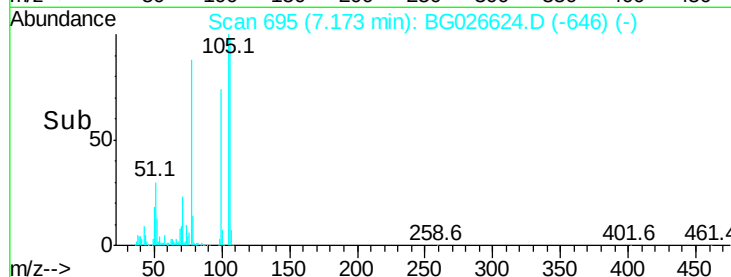
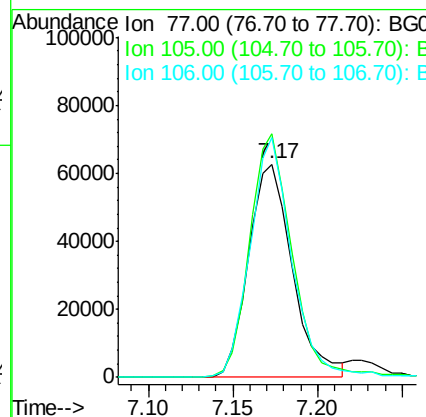
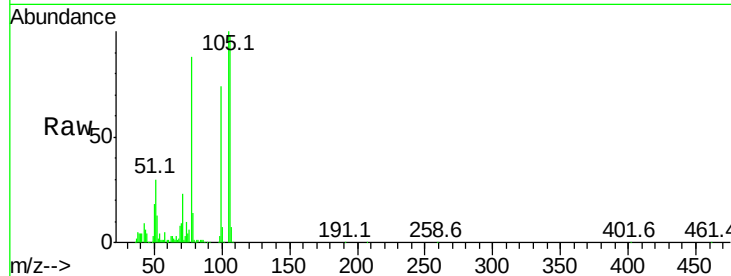
105 114.1 60.9 100.9#

106 112.1 55.1 95.1#

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#10

Phenol

Concen: 47.23 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

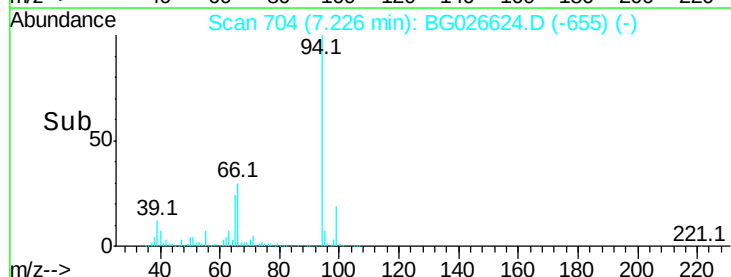
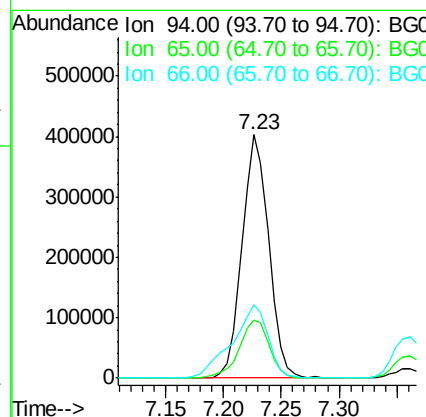
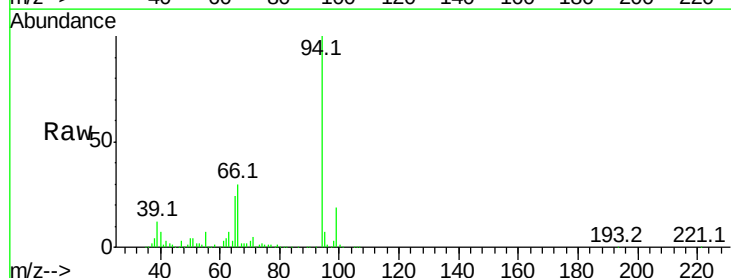
Tgt Ion: 94 Resp: 645069

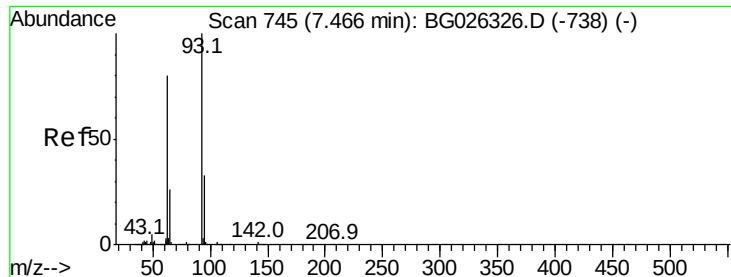
Ion Ratio Lower Upper

94 100

65 24.0 20.6 60.6

66 30.2 35.5 75.5#





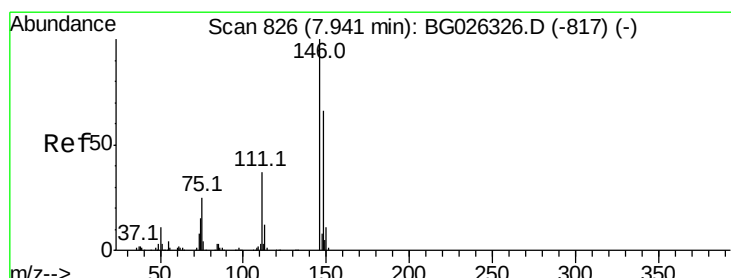
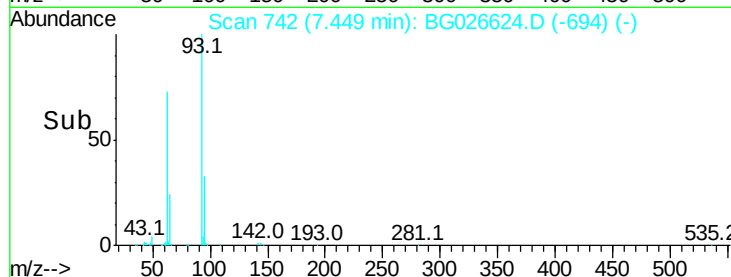
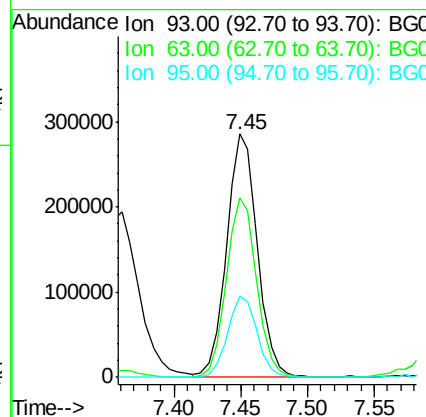
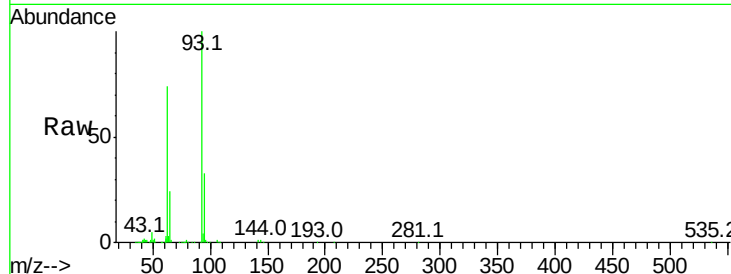
#11
bis(2-Chloroethyl)ether
Concen: 40.96 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	78.5	118.5#
95	33.2	9.8	49.8

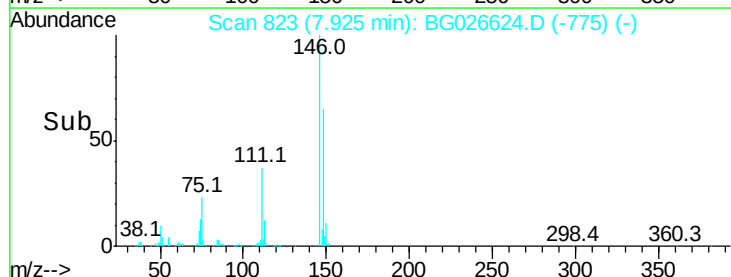
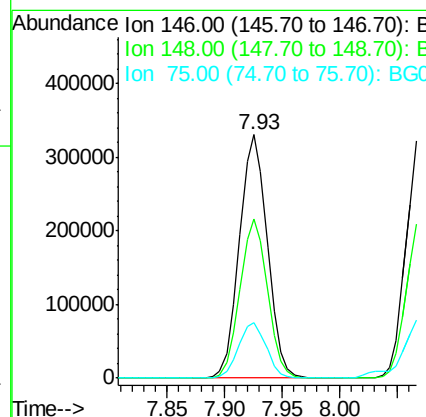
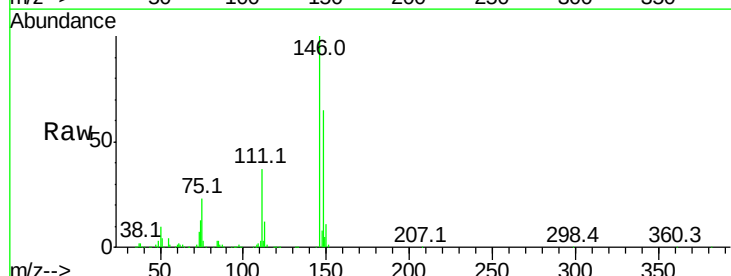
Manual Integrations
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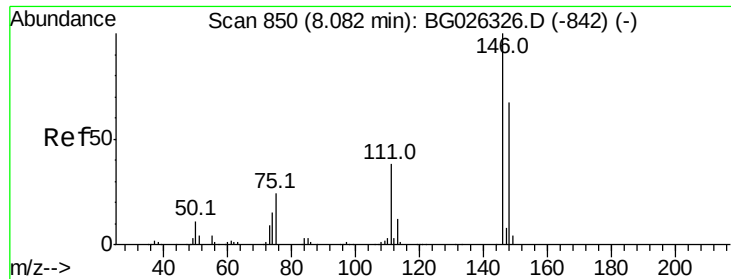
mohammad
4/12/2017 5:13:16 PM



#12
1,3-Dichlorobenzene
Concen: 43.31 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.2	73.8
75	22.8	33.4	50.2#





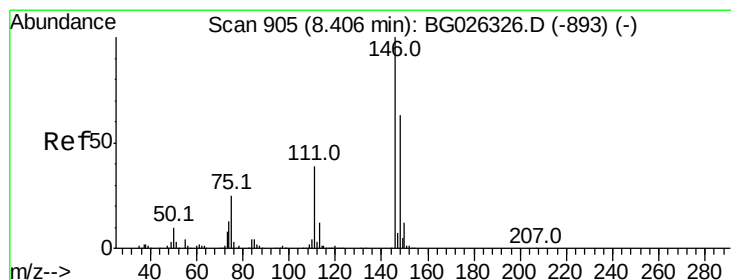
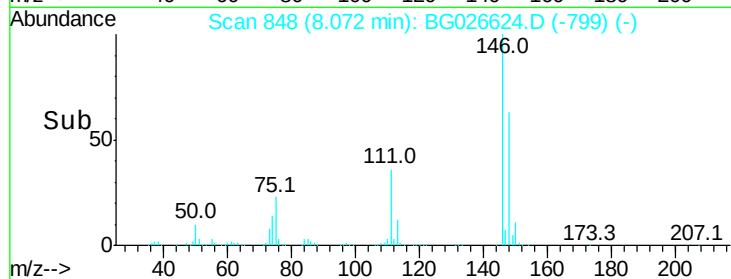
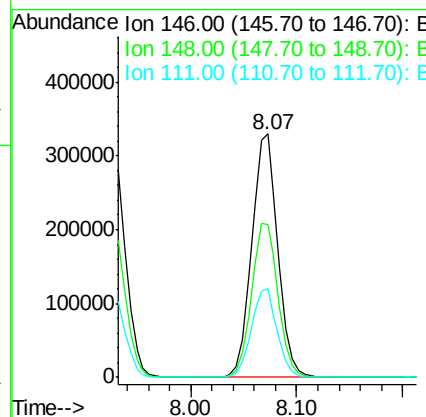
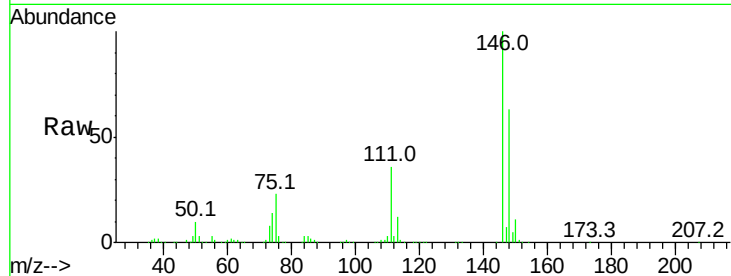
#13
 1,4-Dichlorobenzene
 Concen: 43.56 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	36.2	37.0	55.6#

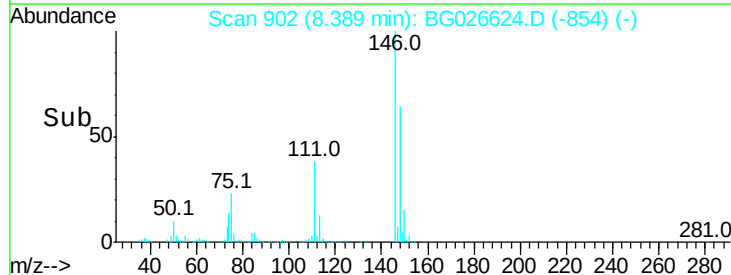
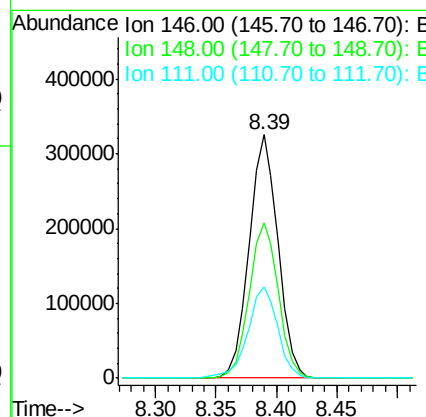
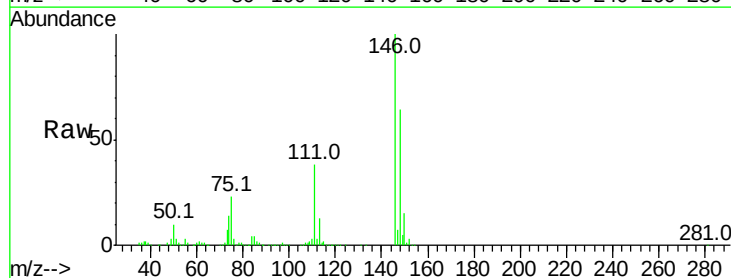
Manual Integrations
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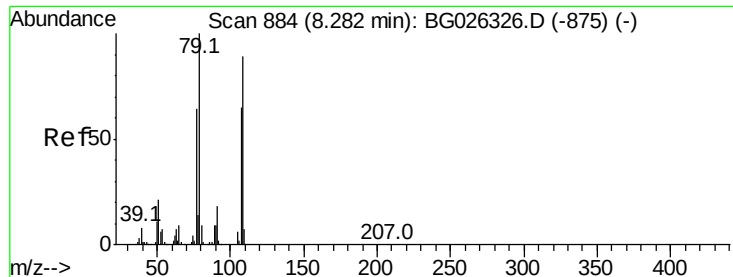
mohammad
 4/12/2017 5:13:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.70 ng
 RT: 8.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	54.6	81.8
111	37.6	39.7	59.5#





#15

Benzyl Alcohol

Concen: 41.95 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampled :

PB98180BS

Tot Ion: 79 Resp: 351976

Ion Ratio Lower Upper

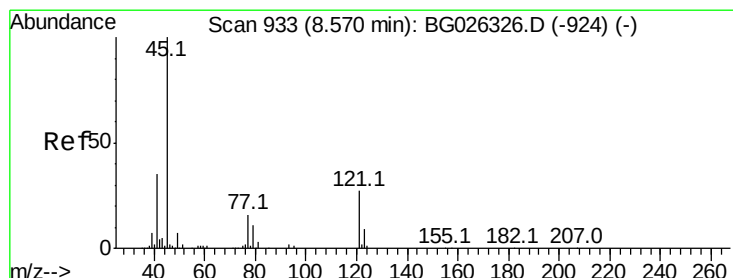
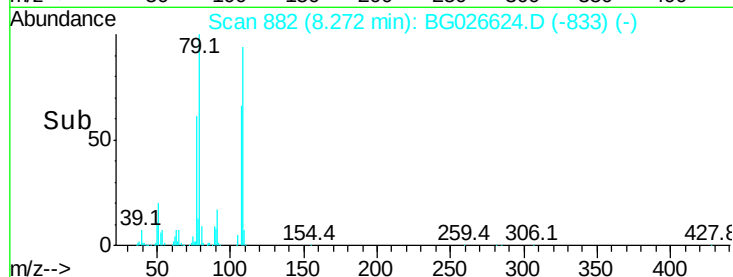
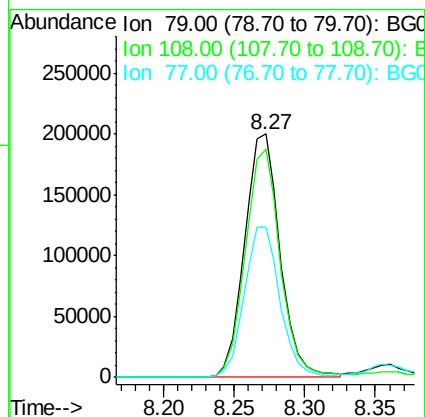
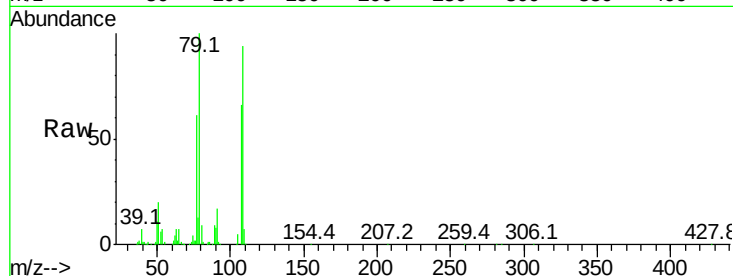
79 100

108 93.7 45.5 68.3#

77 61.5 54.3 81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.07 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

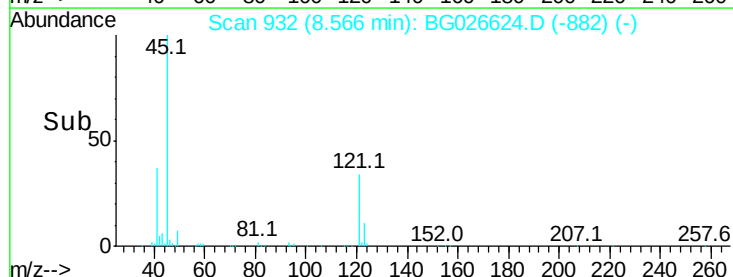
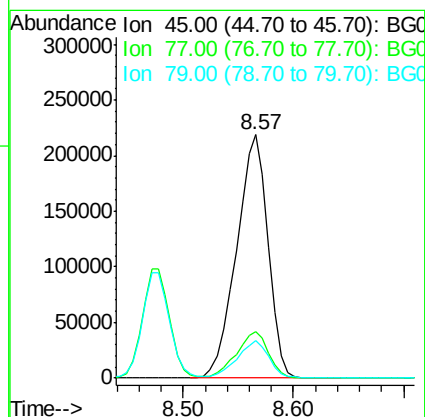
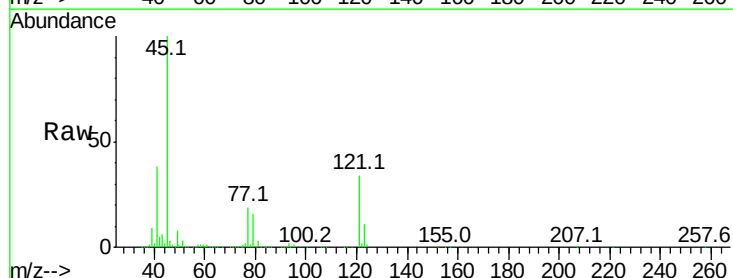
Tgt Ion: 45 Resp: 436133

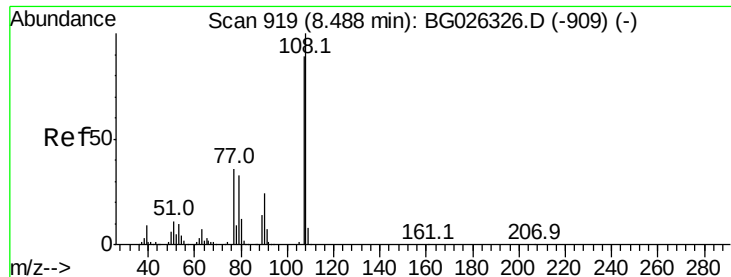
Ion Ratio Lower Upper

45 100

77 19.2 0.0 30.6

79 15.6 0.0 28.5





#17

2-Methylphenol

Concen: 46.42 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

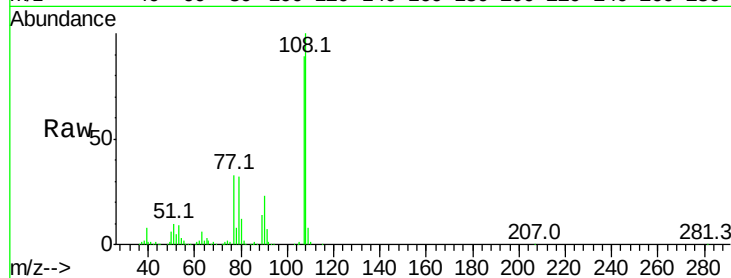
ClientSampleId :

PB98180BS

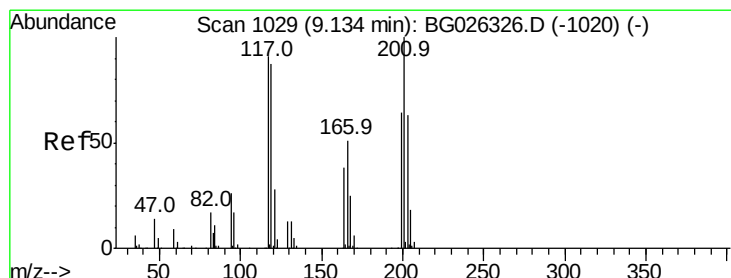
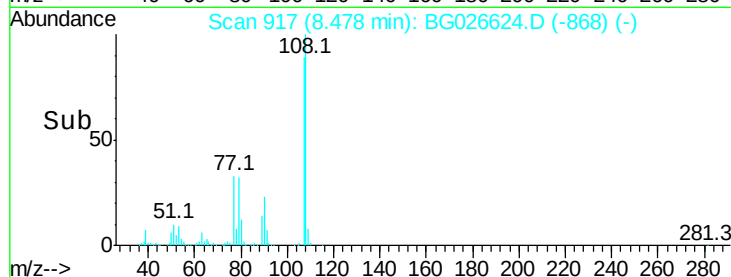
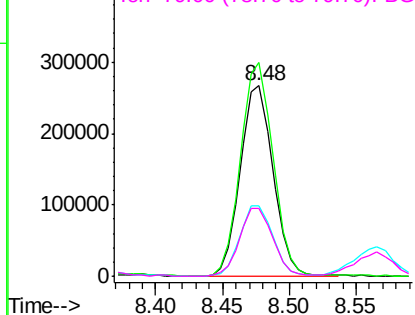
Tot Ion:	107	Resp:	450293
Ion Ratio	Lower	Upper	
107	100		
108	112.2	85.6	128.4
77	36.9	51.4	77.2#
79	35.7	49.2	73.8#

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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: 41.90 ng

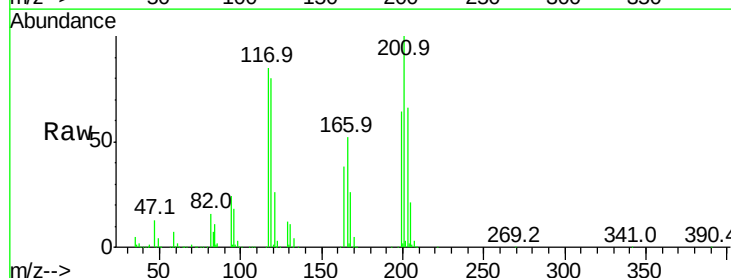
RT: 9.12 min Scan# 1026

Delta R.T. -0.02 min

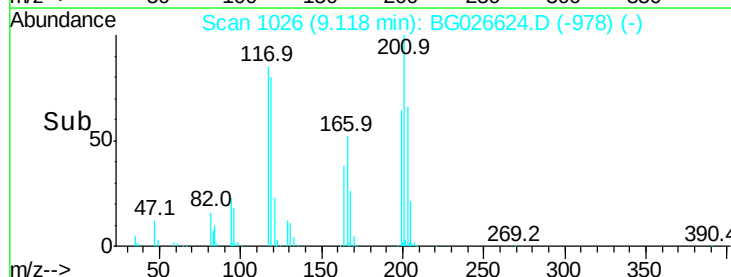
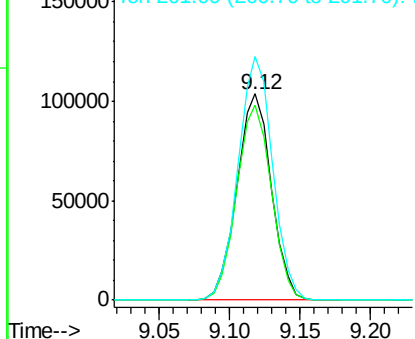
Lab File: BG026624.D

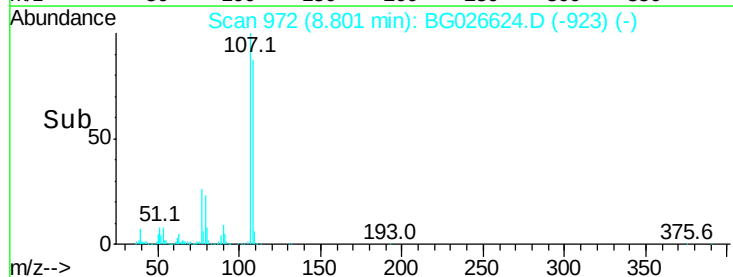
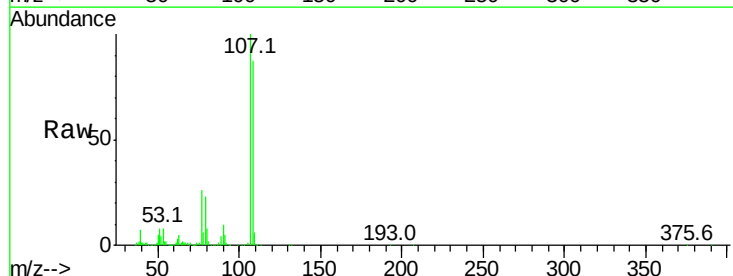
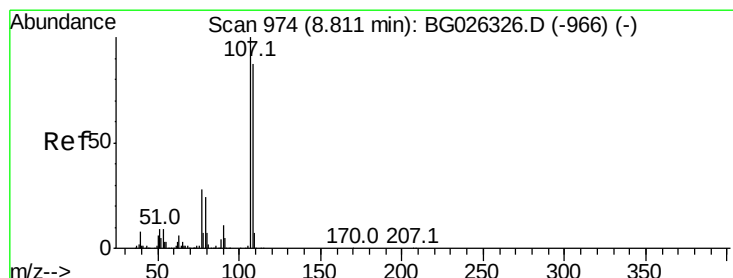
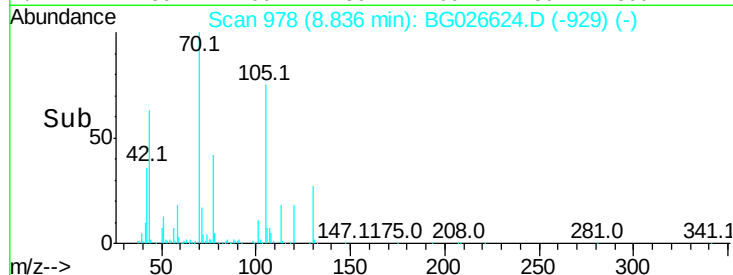
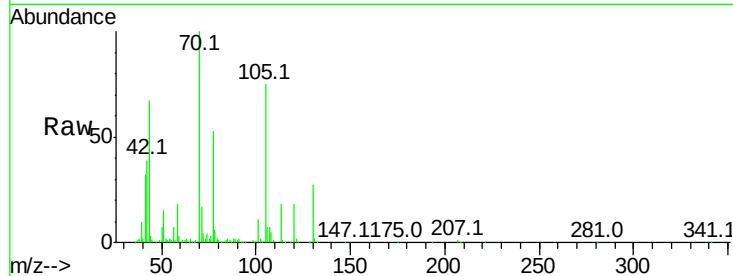
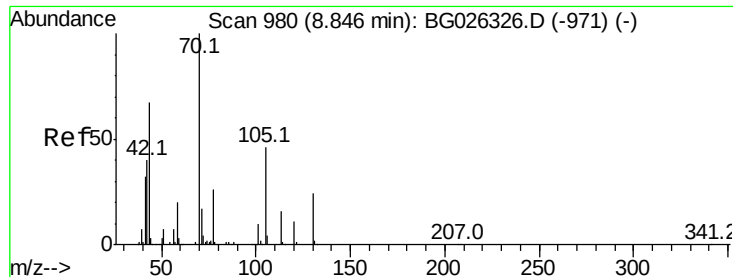
Acq: 11 Apr 2017 19:47

Tgt Ion:	117	Resp:	177098
Ion Ratio	Lower	Upper	
117	100		
119	94.5	69.8	104.6
201	118.1	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





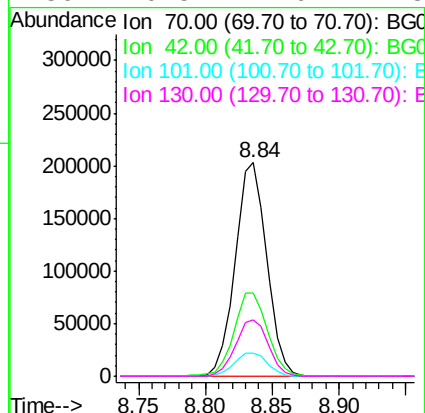
#19
n-Nitroso-di-n-propylamine
Concen: 40.43 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	39.2	56.1	84.1#		
101	11.0	7.5	11.3		
130	26.5	14.6	21.8#		

Instrument :
BNA_G
ClientSampleId :
PB98180BS

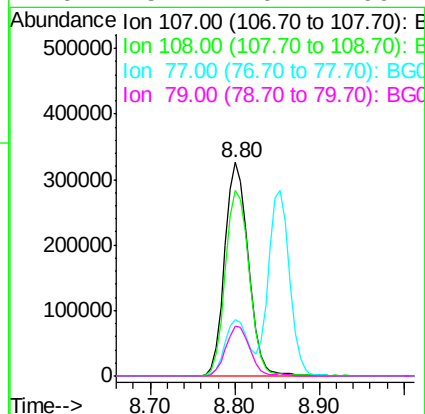
Manual Integrations
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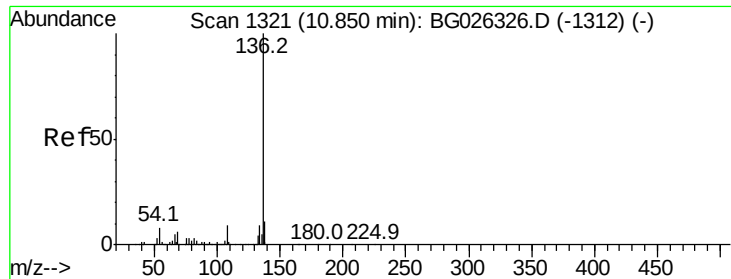
mohammad
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#20
3+4-Methylphenols
Concen: 47.17 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.1	70.8	110.8		
77	26.4	25.8	65.8		
79	23.2	20.1	60.1		





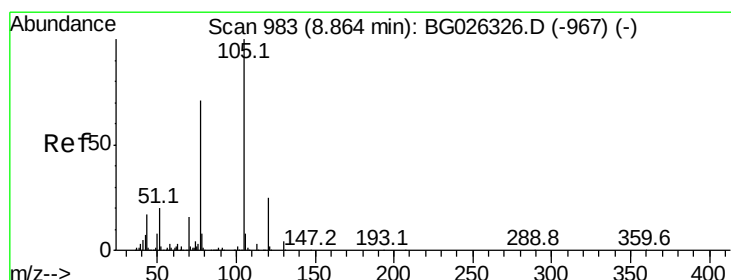
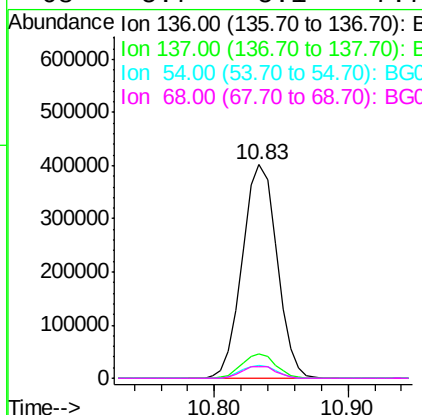
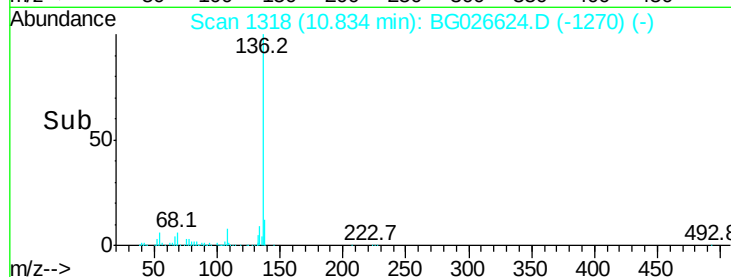
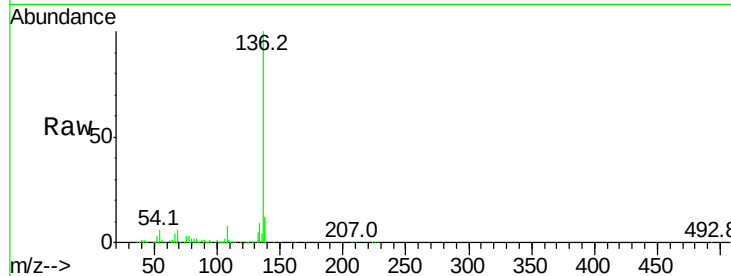
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	6.3	9.3	13.9	
68	5.7	5.1	7.7	

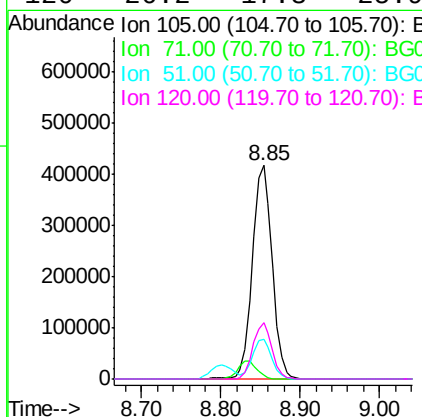
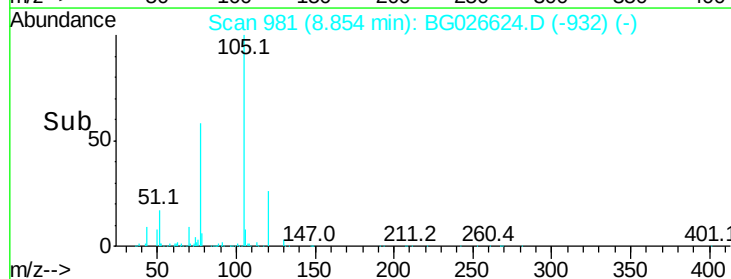
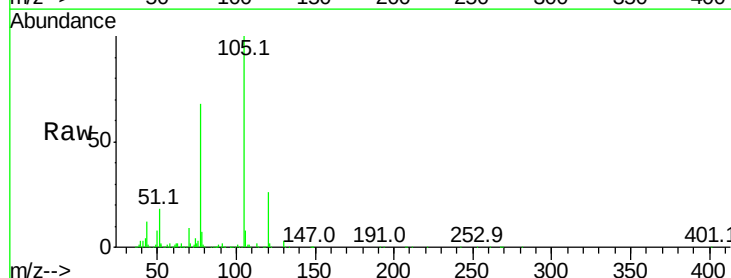
Manual Integrations
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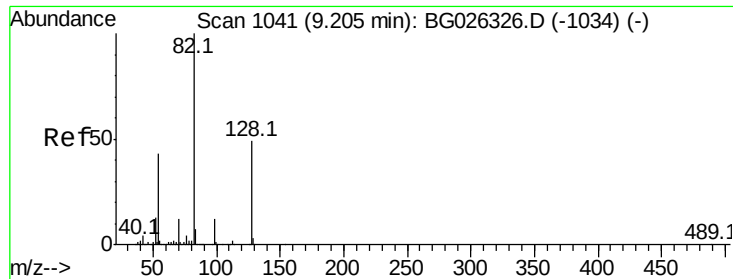
mohammad
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#22
Acetophenone
Concen: 43.72 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	0.9	1.3	
51	18.4	34.0	51.0	
120	26.2	17.3	25.9	





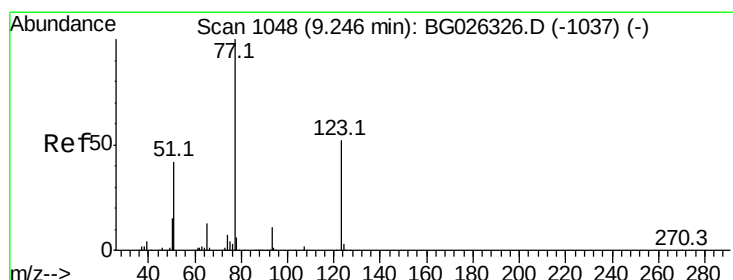
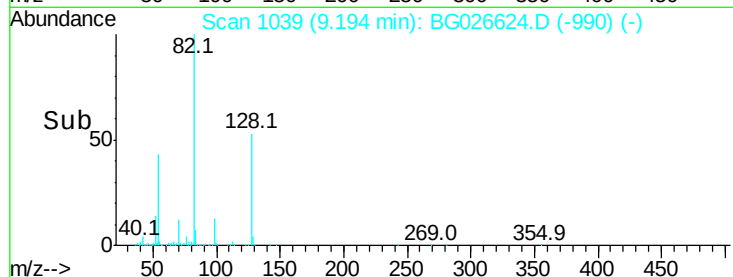
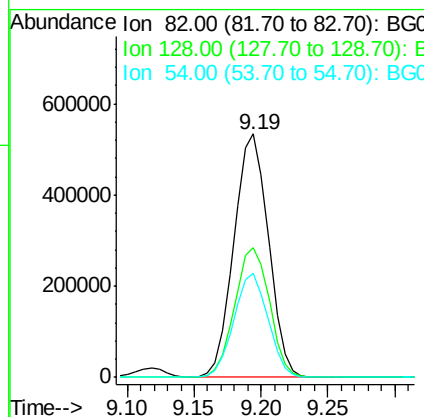
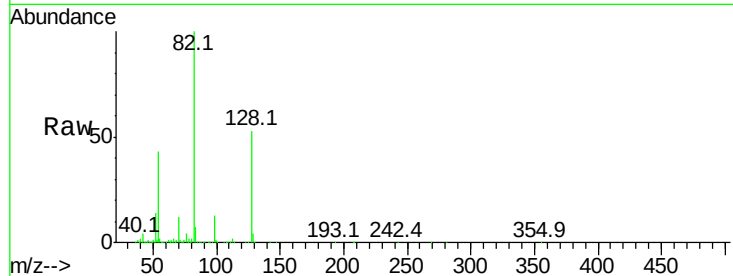
#23
 Nitrobenzene-d5
 Concen: 79.74 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	53.4	26.4	39.6#	
54	42.6	49.4	74.2#	

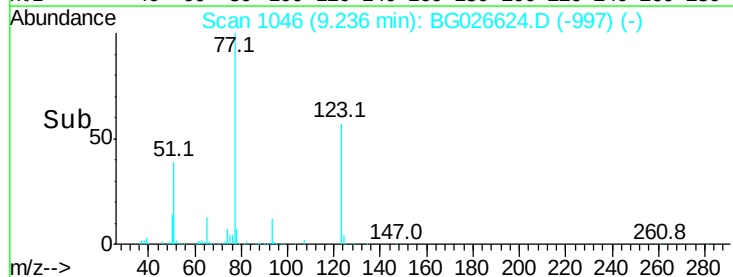
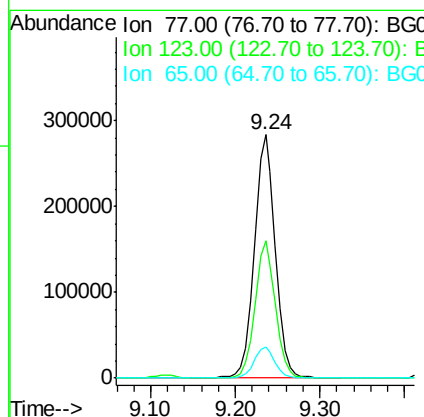
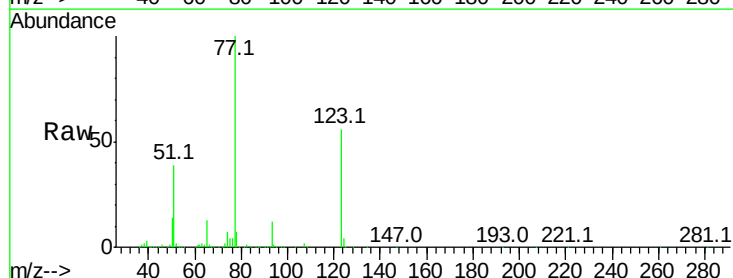
Manual Integrations
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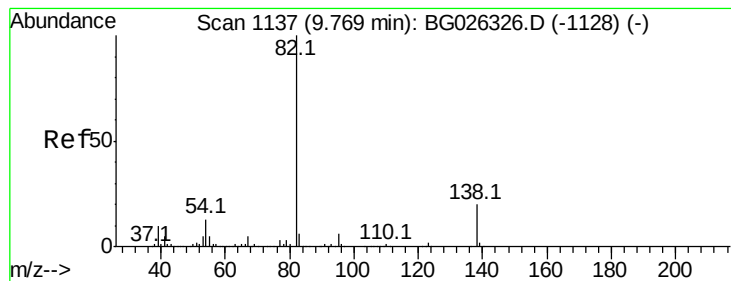
mohammad
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#24
 Nitrobenzene
 Concen: 41.23 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	56.5	26.1	39.1#	
65	12.8	12.4	18.6	





#25

Isophorone

Concen: 42.00 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

PB98180BS

Tot Ion: 82 Resp: 951220

Ion Ratio Lower Upper

82 100

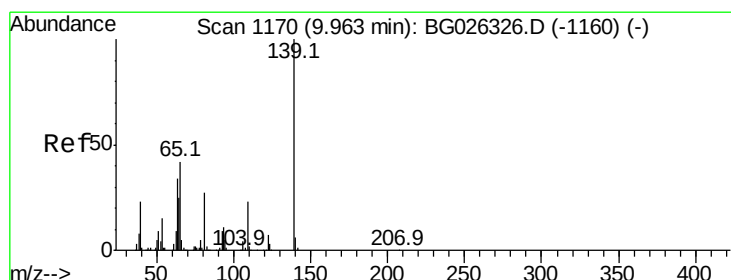
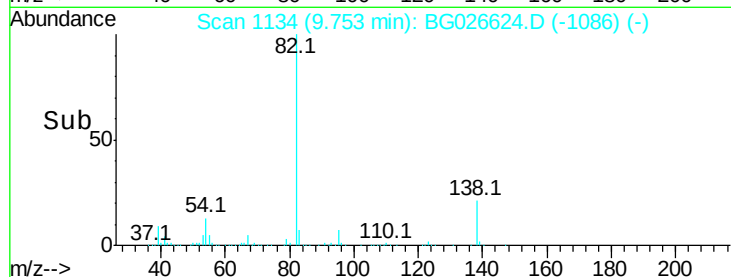
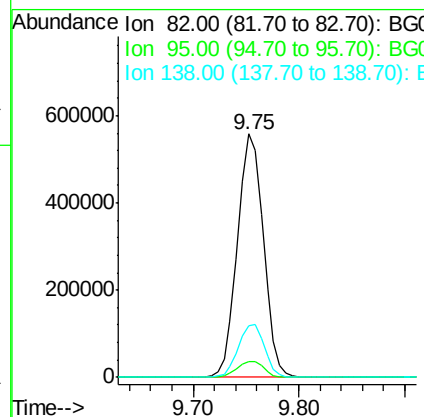
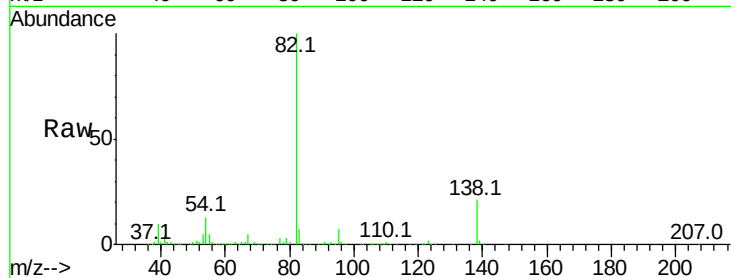
95 6.7 7.5 11.3#

138 21.1 12.3 18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.26 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

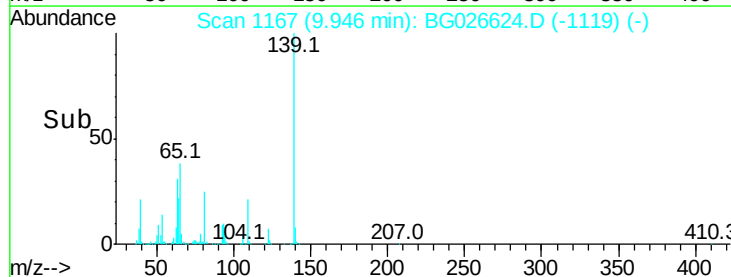
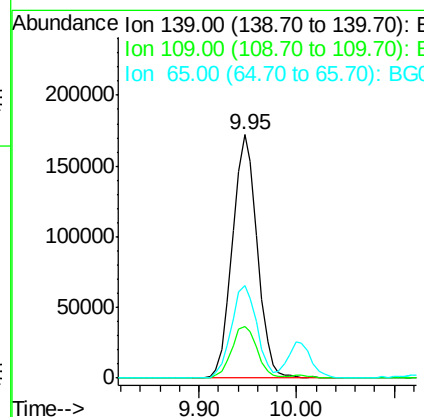
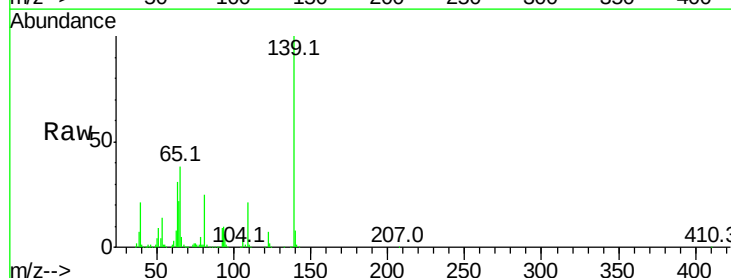
Tgt Ion: 139 Resp: 304083

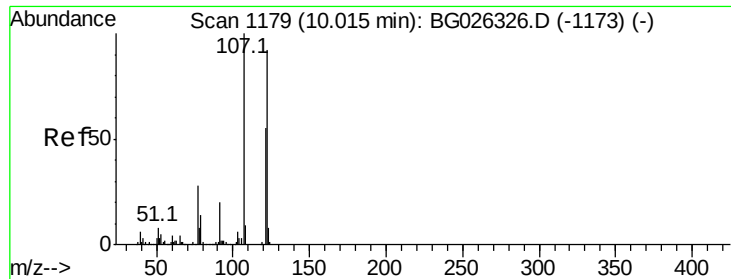
Ion Ratio Lower Upper

139 100

109 21.1 38.6 58.0#

65 38.2 57.1 85.7#





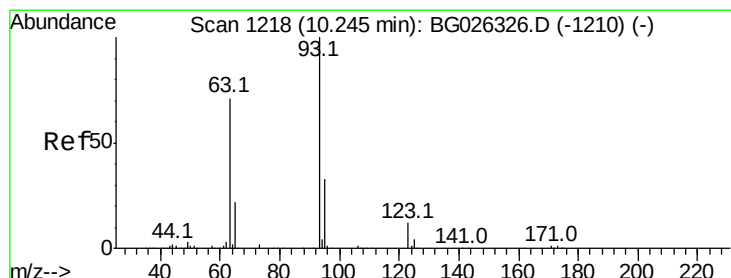
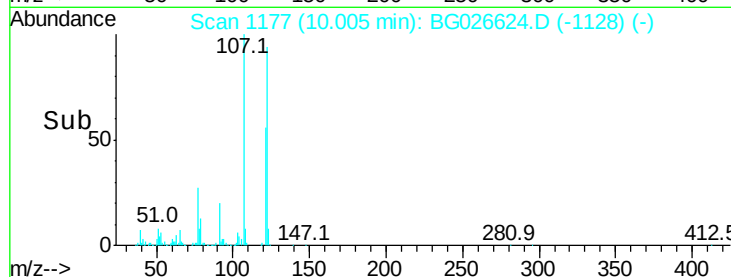
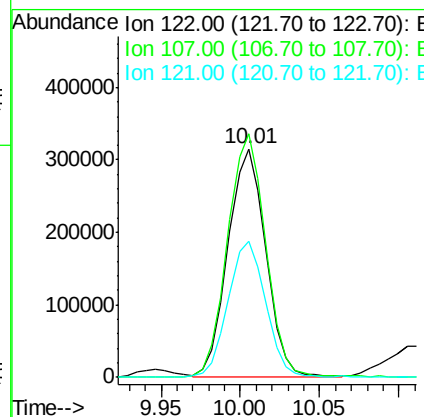
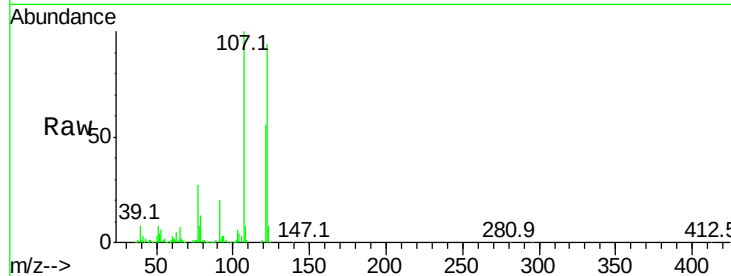
#27
2,4-Dimethylphenol
Concen: 51.09 ng
RT: 10.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.4	104.2	156.4
121	59.7	46.0	69.0

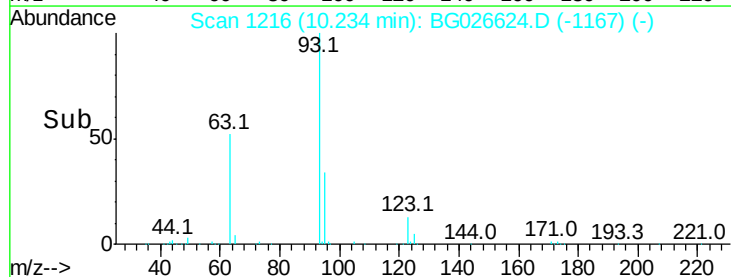
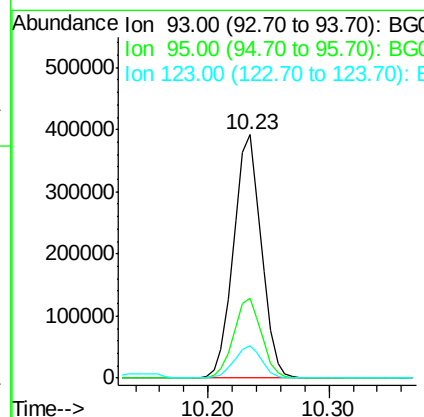
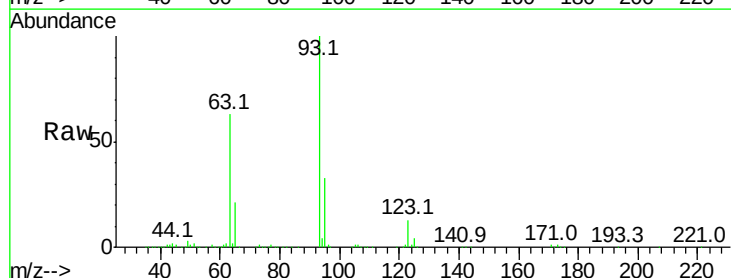
Manual Integrations
APPROVED

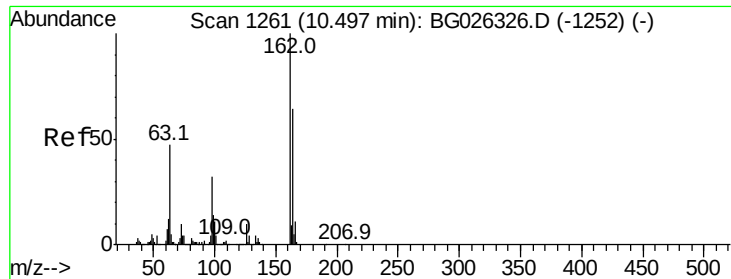
mohammad
4/12/2017 5:13:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.59 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	13.1	8.3	12.5#





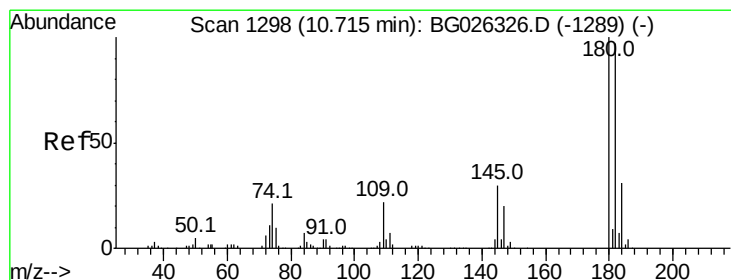
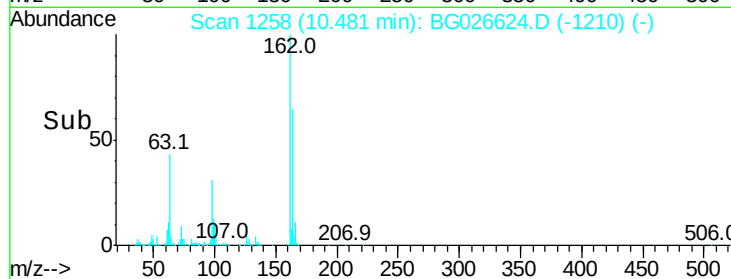
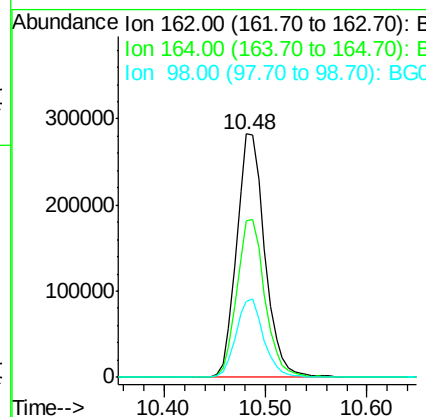
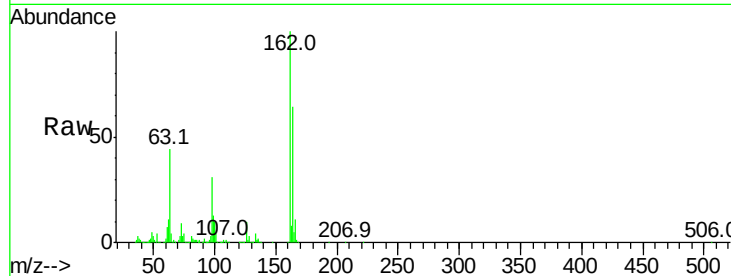
#29
 2,4-Dichlorophenol
 Concen: 53.26 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	545811		
164	64.4	42.4	82.4	
98	31.3	20.3	60.3	

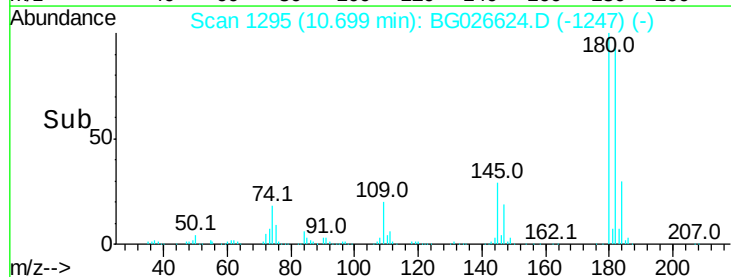
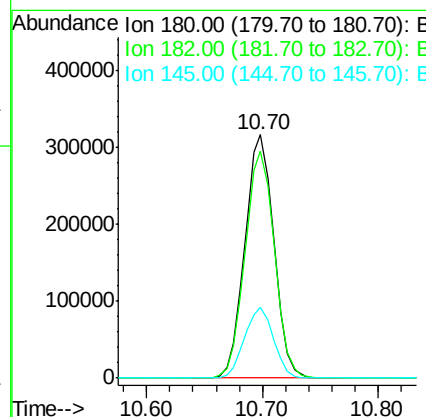
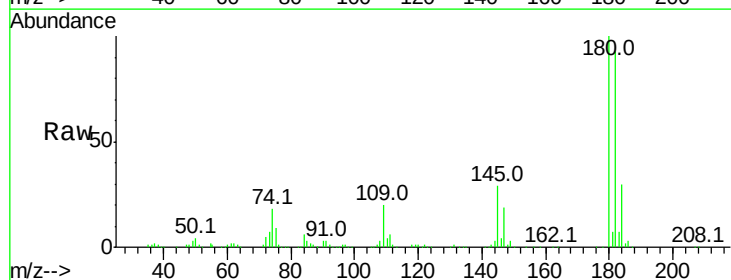
Manual Integrations
 APPROVED

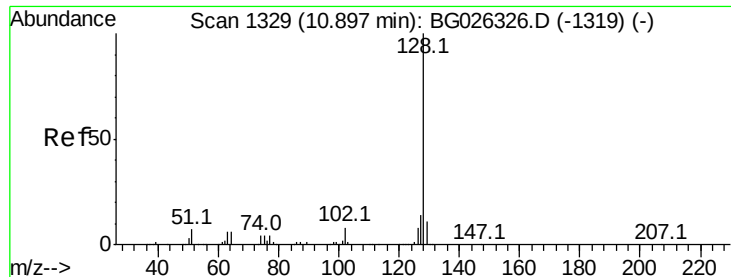
mohammad
 4/12/2017 5:13:16 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.98 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	552322		
182	93.5	77.0	115.4	
145	29.1	23.4	35.0	





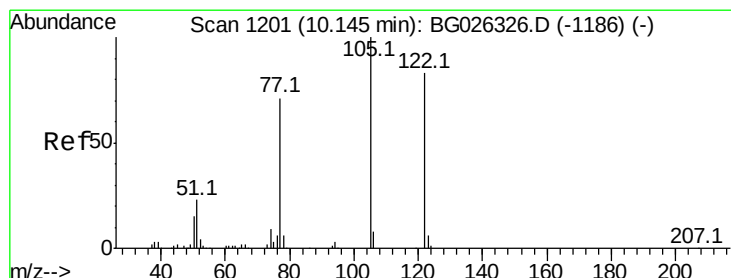
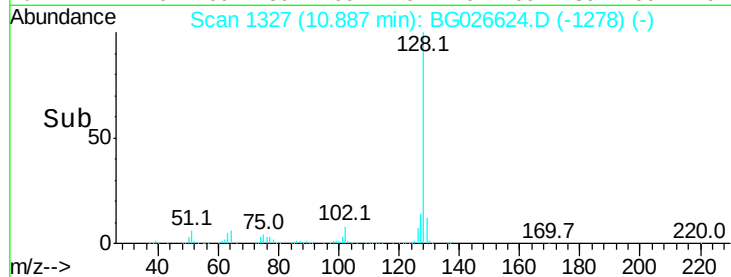
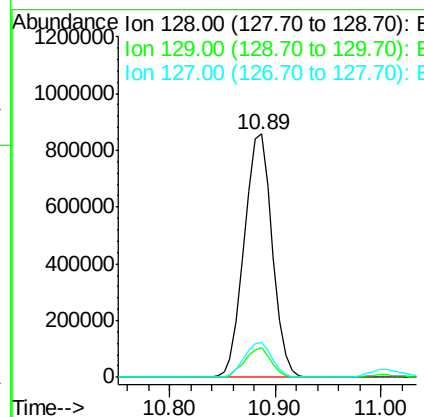
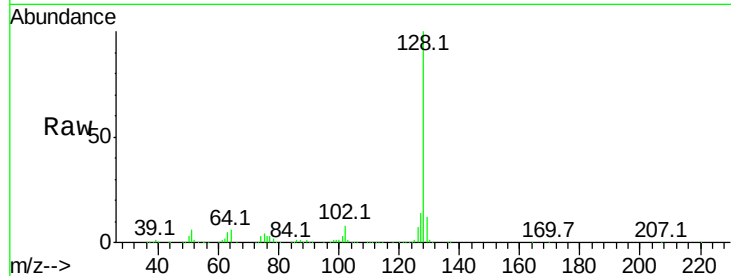
#31
Naphthalene
Concen: 43.08 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.2	11.4	17.0

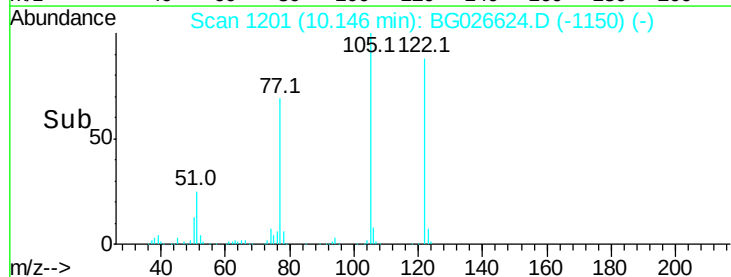
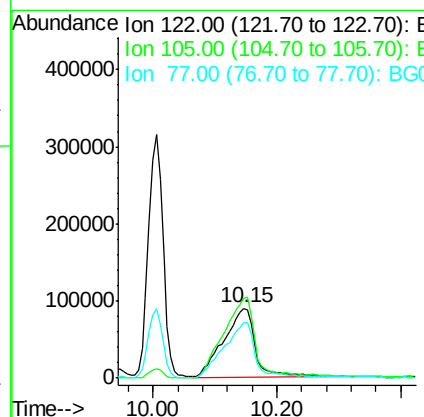
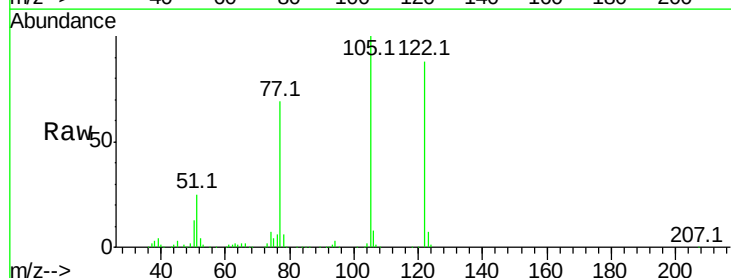
Manual Integrations
APPROVED

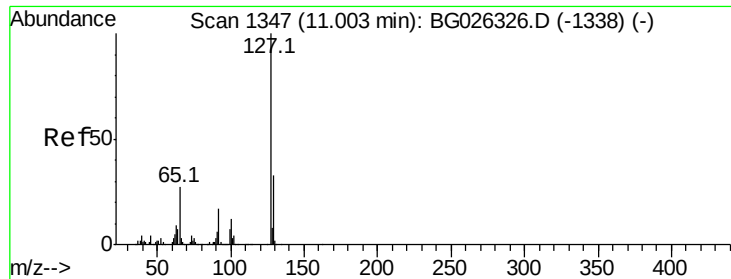
mohammad
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#32
Benzoic acid
Concen: 40.94 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.7	120.1	160.1#
77	78.4	104.6	144.6#





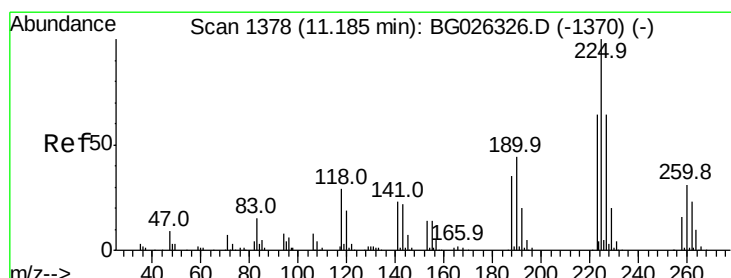
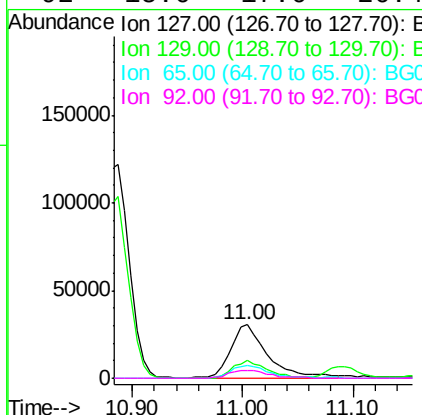
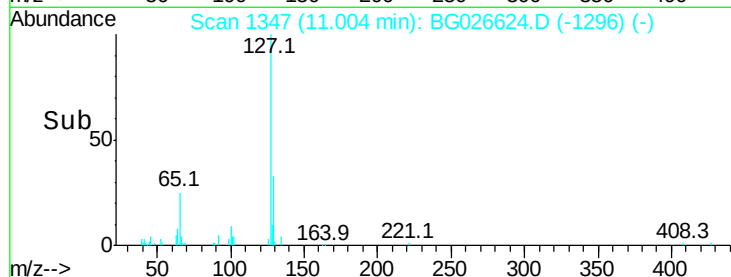
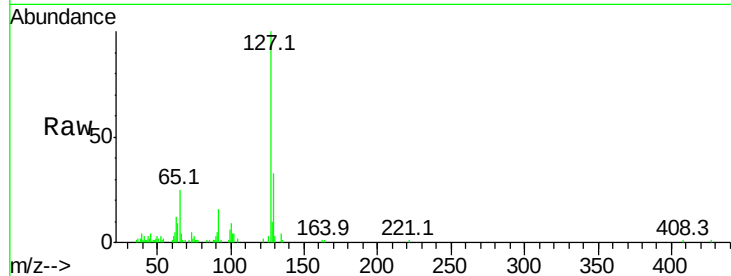
#33
4-Chloroaniline
Concen: 4.69 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	69653		
129	32.8	23.6	35.4	
65	24.7	37.7	56.5	
92	15.6	17.6	26.4	

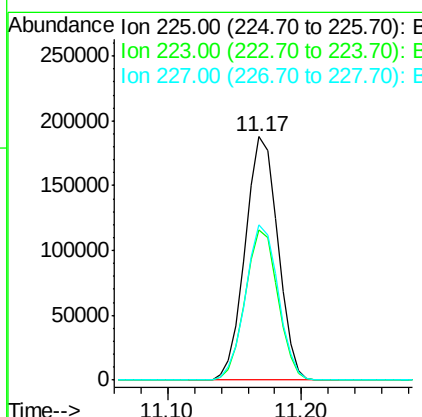
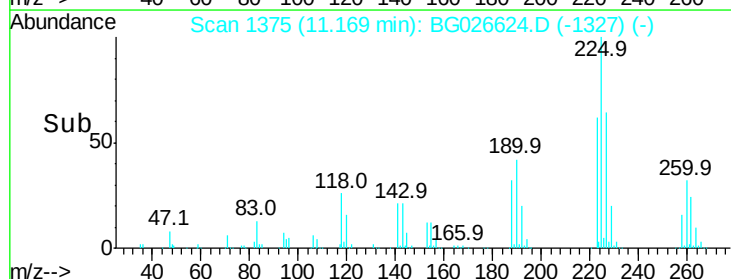
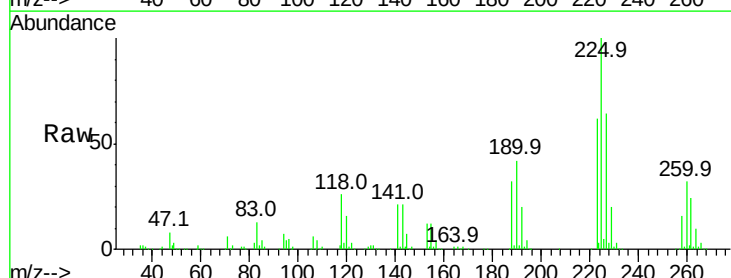
Manual Integrations
APPROVED

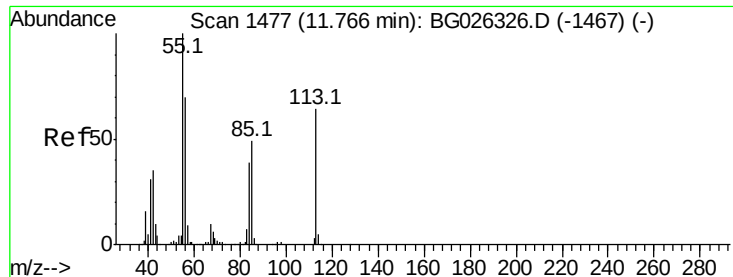
mohammad
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#34
Hexachlorobutadiene
Concen: 46.74 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	317410		
223	61.8	50.7	76.1	
227	63.8	49.0	73.6	





#35

Caprolactam

Concen: 48.68 ng/ml

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

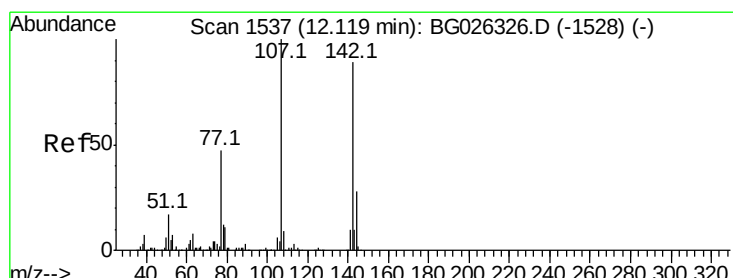
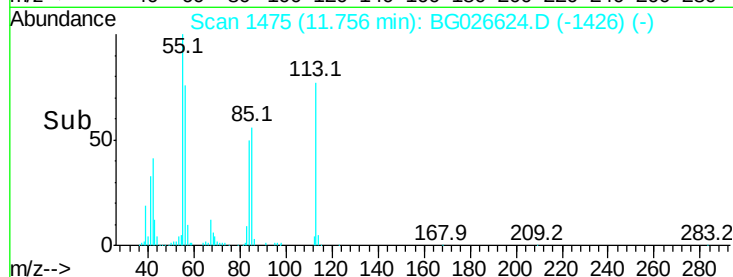
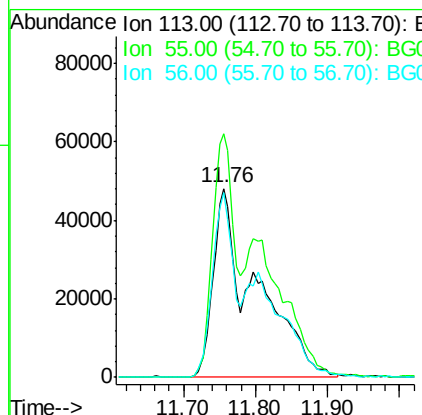
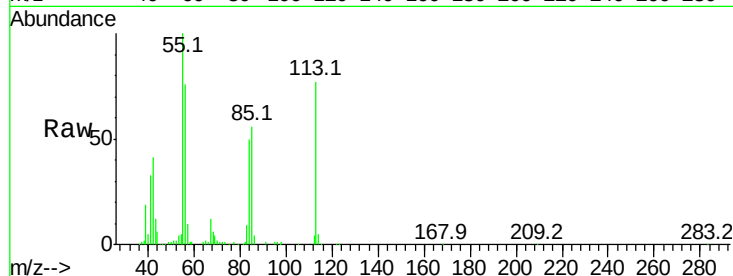
ClientSampleId :

PB98180BS

Tot Ion:	113	Resp:	196553
Ion Ratio	Lower	Upper	
113	100		
55	129.1	198.6	238.6#
56	97.7	140.4	180.4#

Manual Integrations
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mohammad
4/12/2017 5:13:16 PM



#36

4-Chloro-3-methylphenol

Concen: 49.04 ng/ml

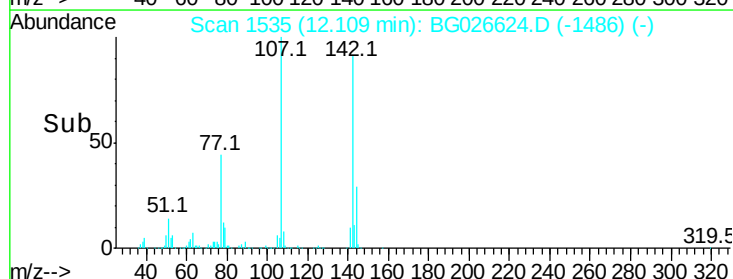
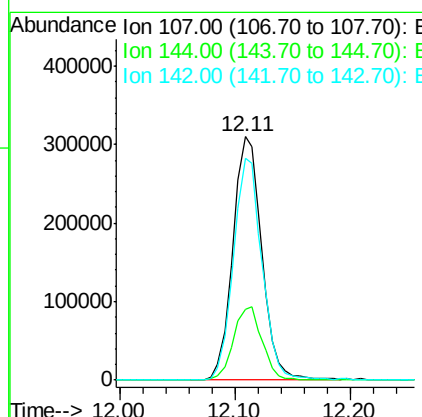
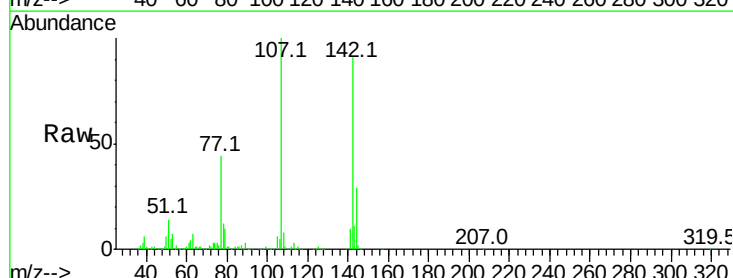
RT: 12.11 min Scan# 1535

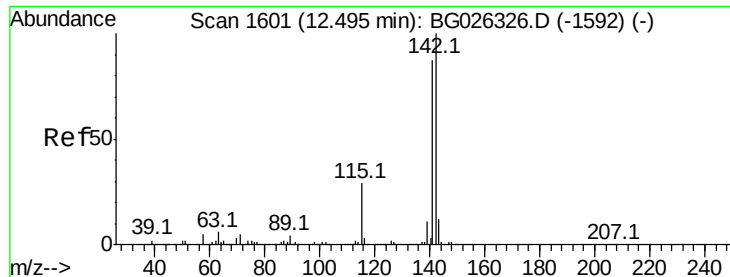
Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Tgt Ion:	107	Resp:	537616
Ion Ratio	Lower	Upper	
107	100		
144	29.3	17.4	26.0#
142	91.4	54.1	81.1#





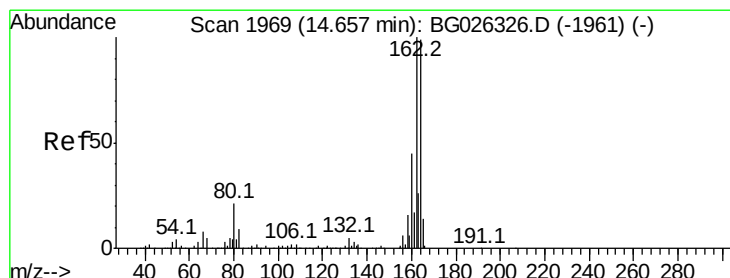
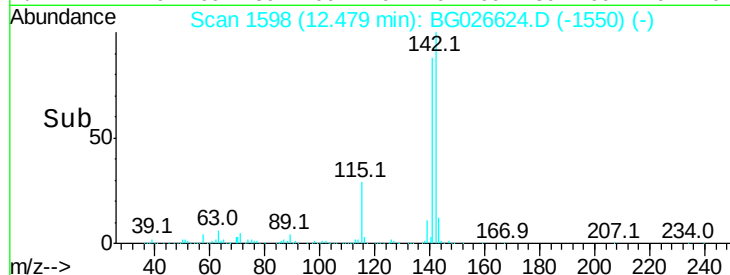
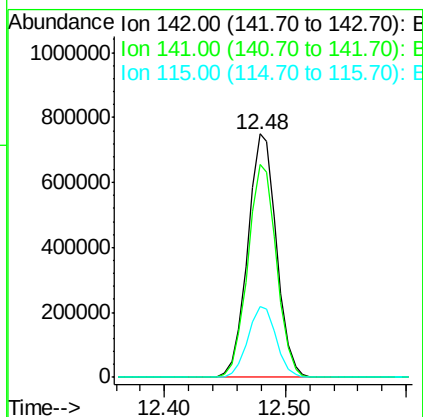
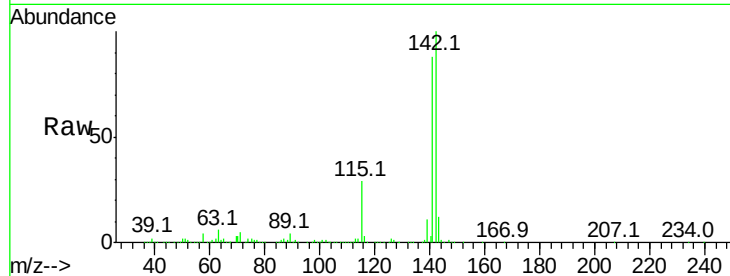
#37
2-Methylnaphthalene
Concen: 46.24 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	29.2	35.5	53.3

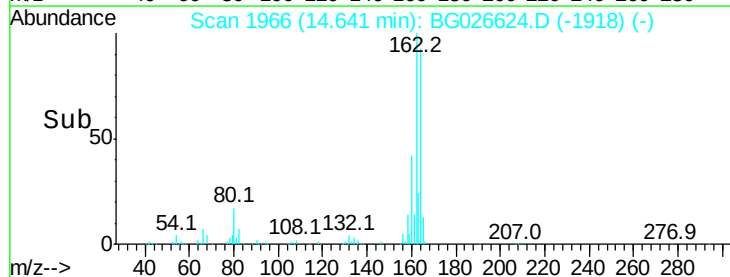
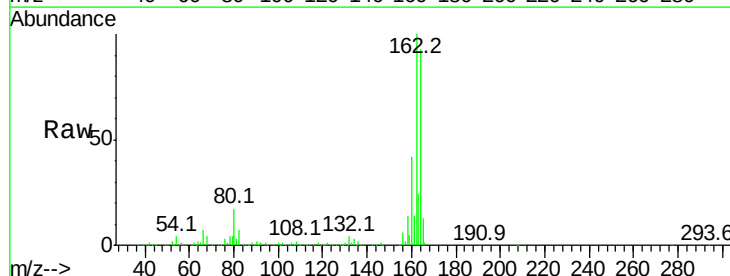
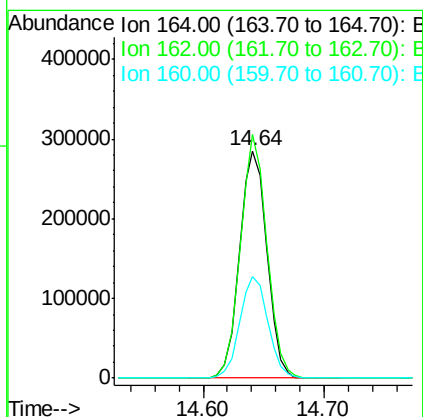
Manual Integrations
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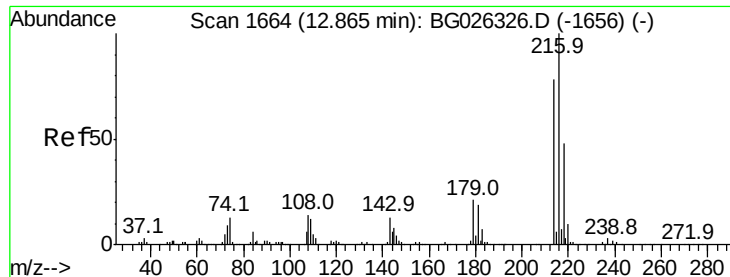
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	44.9	34.7	52.1





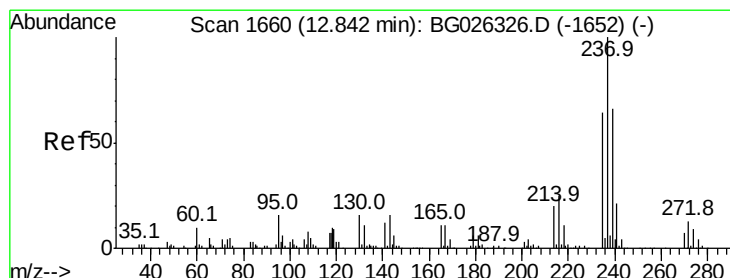
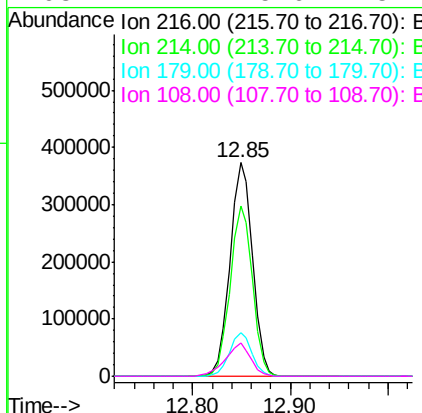
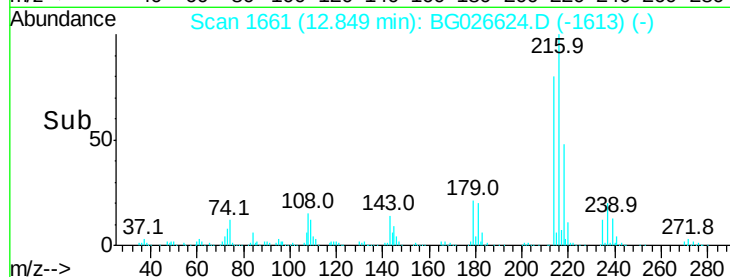
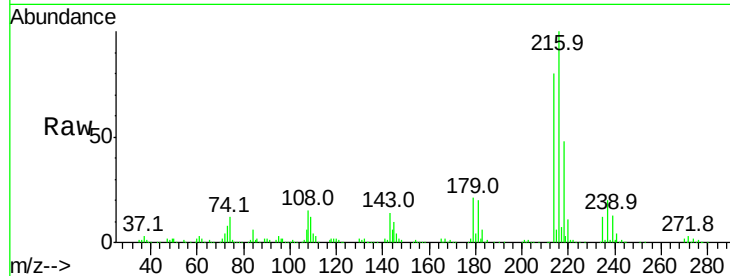
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.85 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	594379		
214	79.0	64.4	96.6	
179	20.2	17.4	26.0	
108	17.1	15.6	23.4	

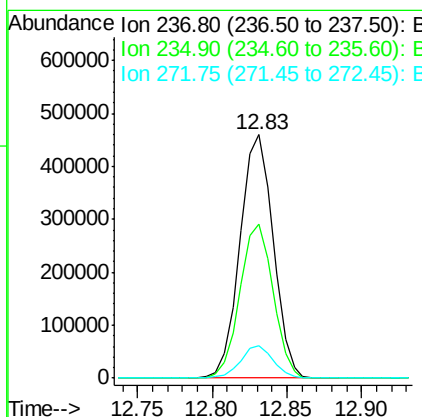
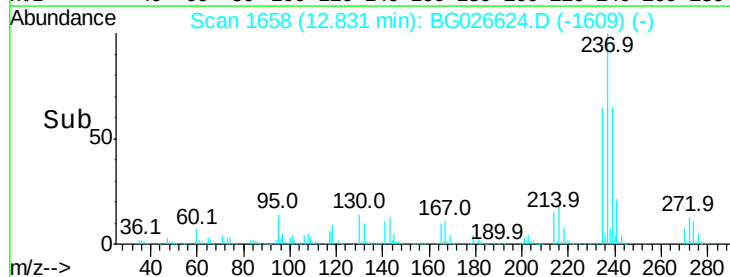
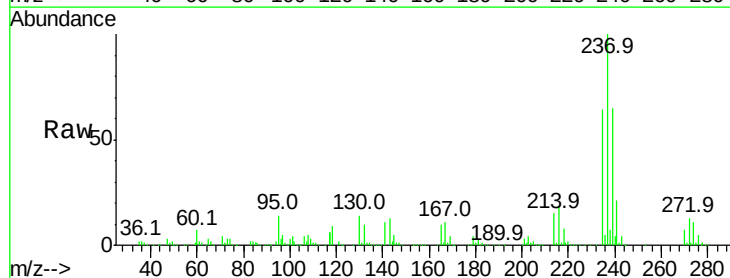
Manual Integrations
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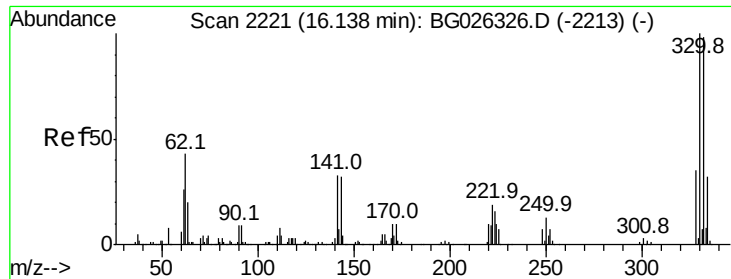
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 99.48 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	709875		
235	63.5	39.4	79.4	
272	13.4	0.0	32.0	





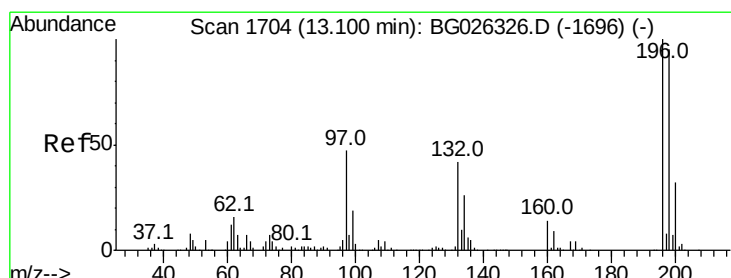
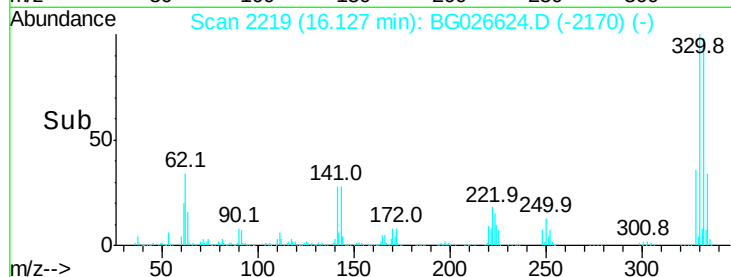
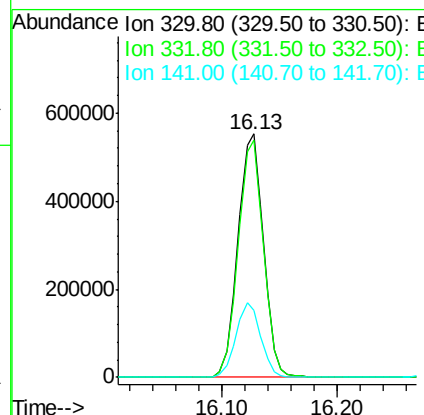
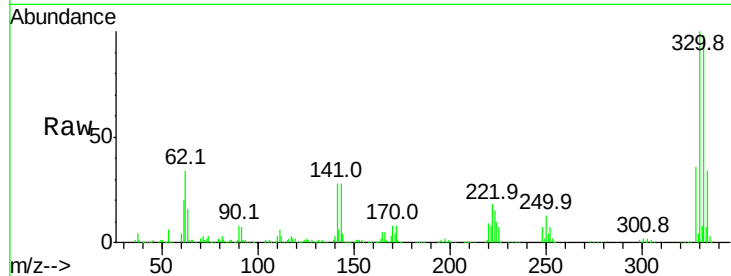
#41
 2,4,6-Tribromophenol
 Concen: 163.52 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	843720		
332	96.6		77.3	115.9
141	30.1		32.1	48.1#

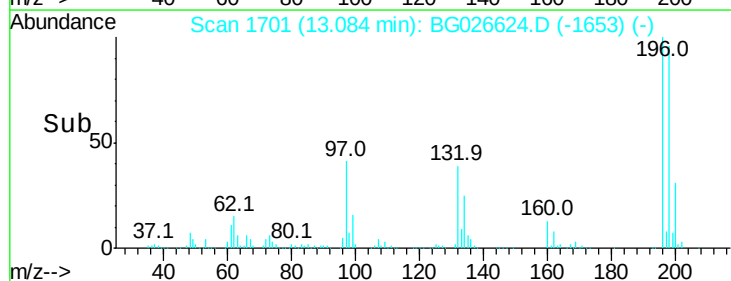
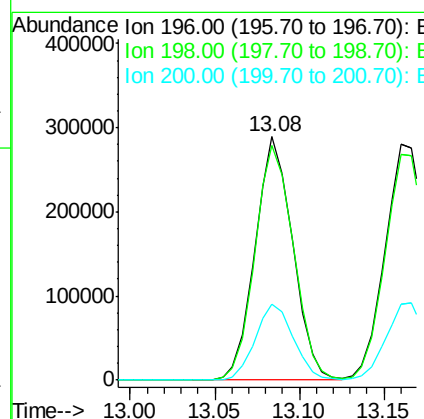
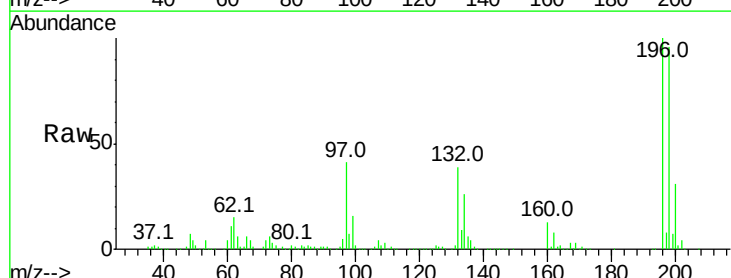
Manual Integrations
 APPROVED

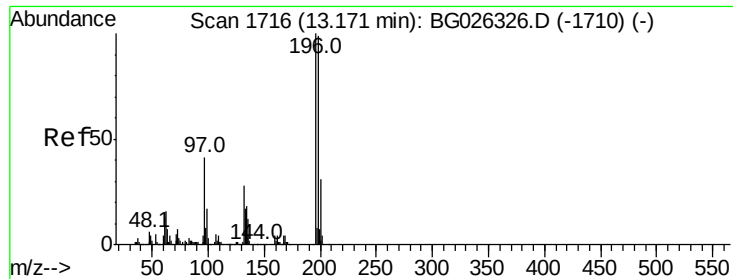
mohammad
 4/12/2017 5:13:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.22 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	445726		
198	96.3		81.4	122.2
200	31.0		27.0	40.6





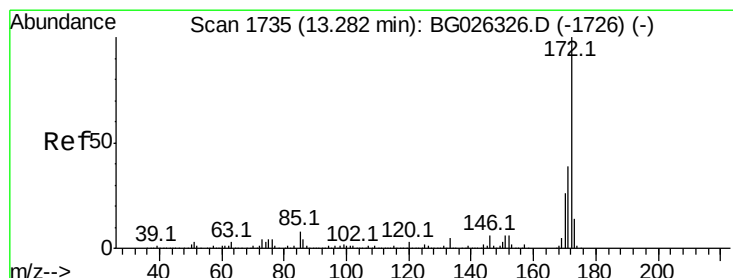
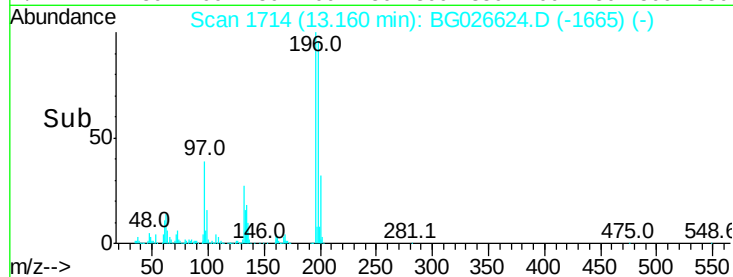
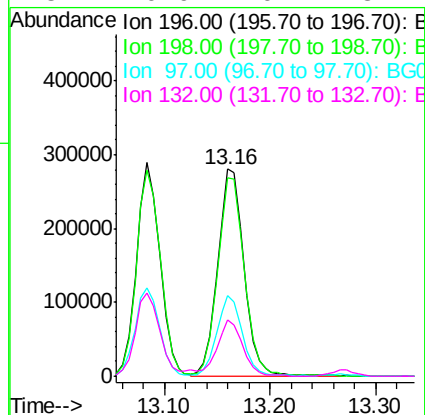
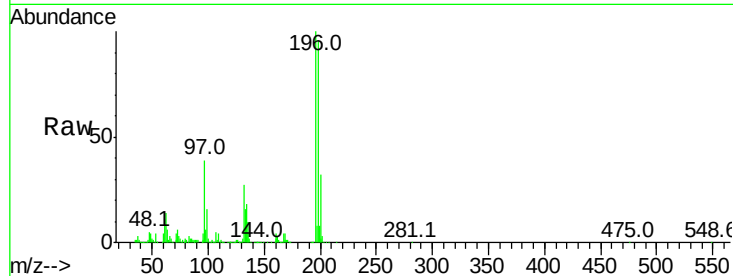
#43
2,4,5-Trichlorophenol
Concen: 49.63 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		486950		
198	95.8	79.9	119.9		
97	38.9	45.4	68.0		
132	26.9	20.7	31.1		

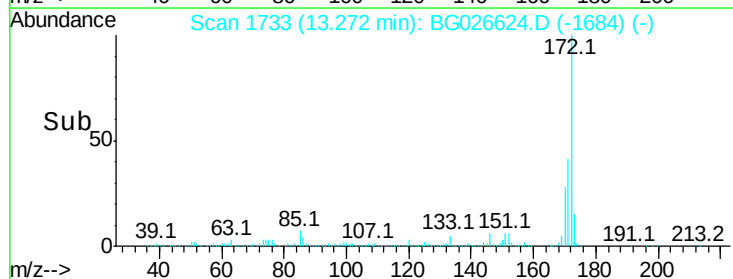
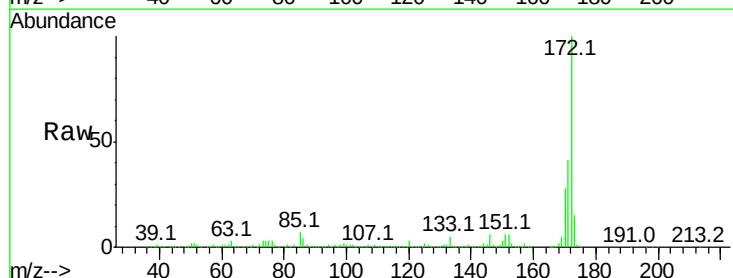
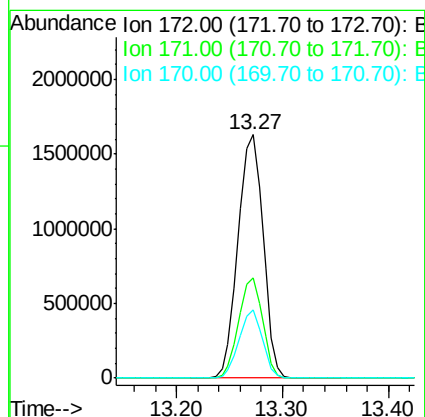
Manual Integrations
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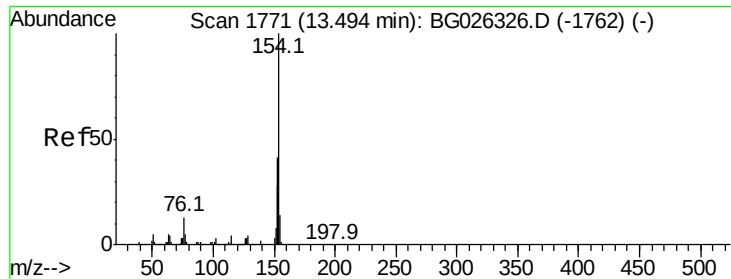
mohammad
4/12/2017 5:13:16 PM



#44
2-Fluorobiphenyl
Concen: 83.16 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2671775		
171	41.2	32.2	48.2		
170	27.8	21.8	32.6		





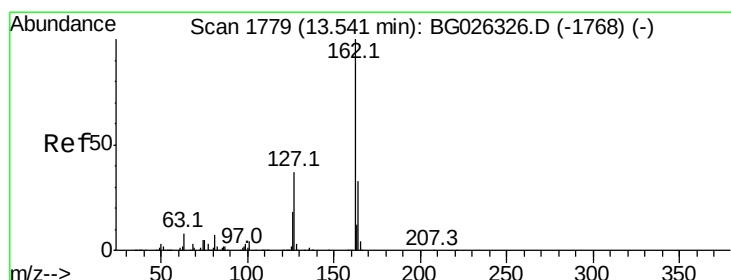
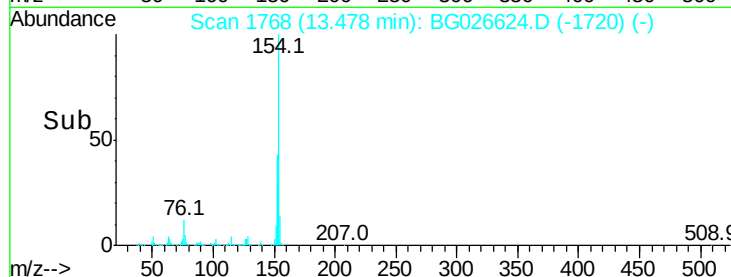
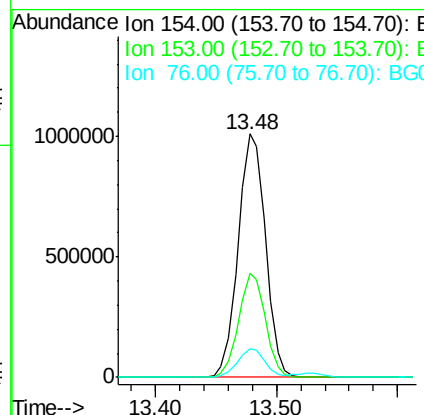
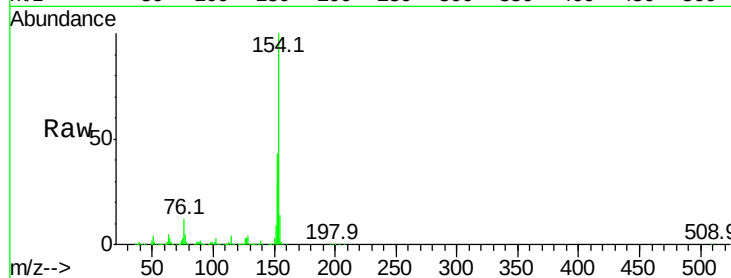
#45
 1,1'-Biphenyl
 Concen: 42.62 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.0	63.0
76	11.8	0.0	33.5

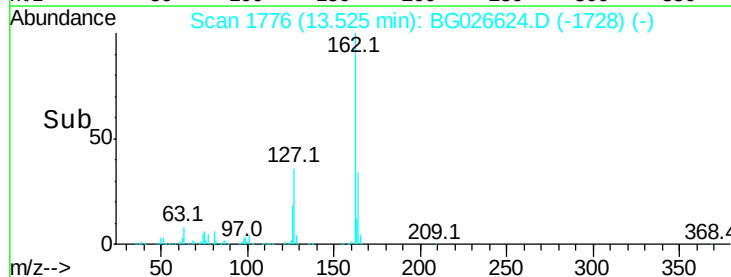
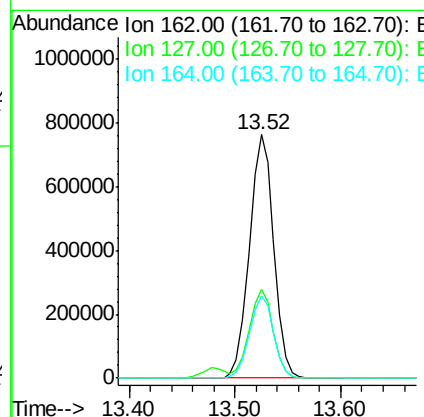
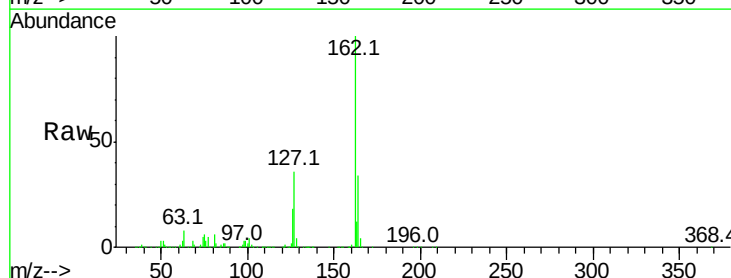
Manual Integrations
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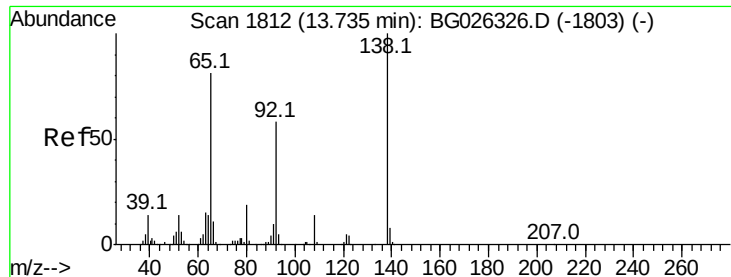
mohammad
 4/12/2017 5:13:16 PM



#46
 2-Chloronaphthalene
 Concen: 44.52 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	32.2	48.4
164	34.0	27.3	40.9





#47

2-Nitroaniline

Concen: 40.83 ng

RT: 13.72 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

PB98180BS

Tot Ion: 65 Resp: 316402

Ion Ratio Lower Upper

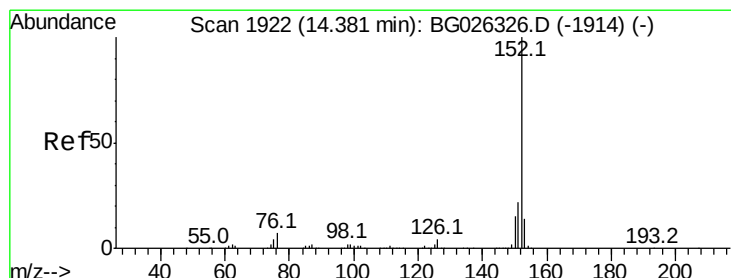
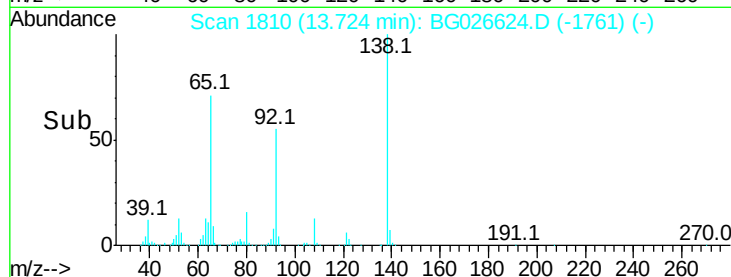
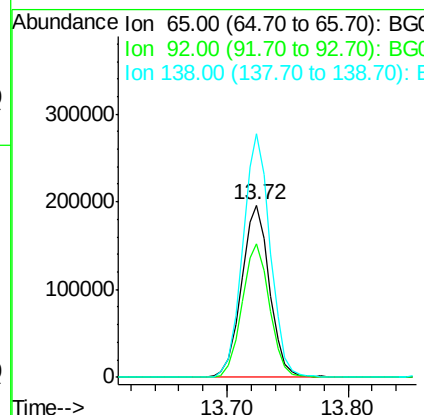
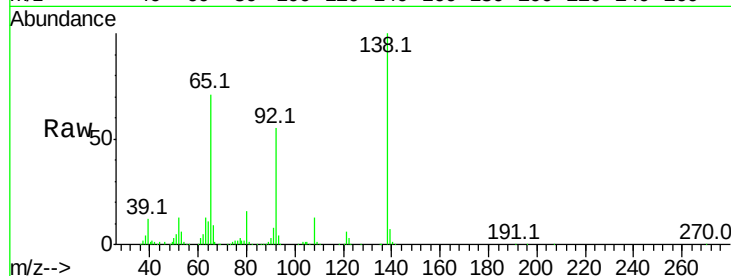
65 100

92 77.7 49.0 73.4#

138 141.6 58.6 87.8#

Manual Integrations
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mohammad
4/12/2017 5:13:16 PM



#48

Acenaphthylene

Concen: 41.77 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

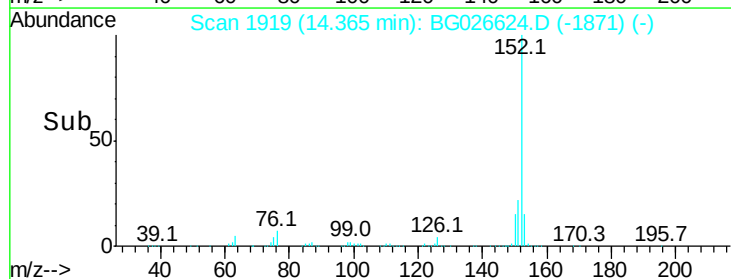
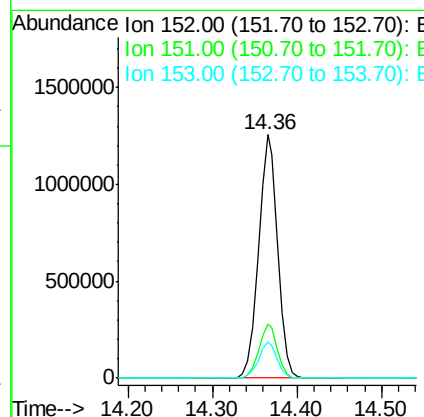
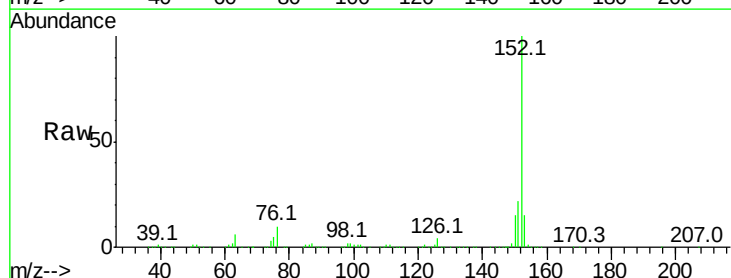
Tgt Ion: 152 Resp: 1984440

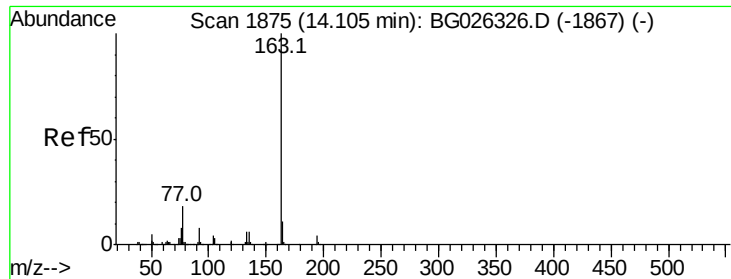
Ion Ratio Lower Upper

152 100

151 22.5 18.2 27.2

153 14.9 11.3 16.9





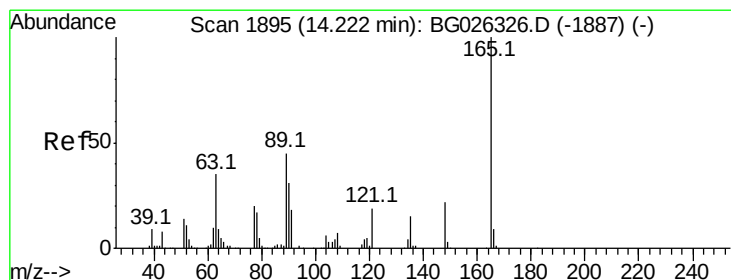
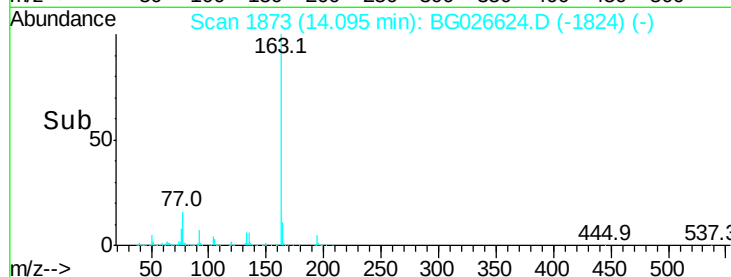
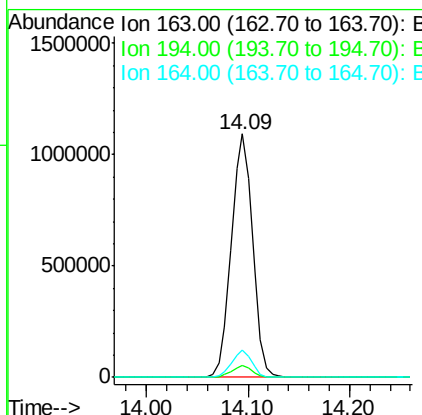
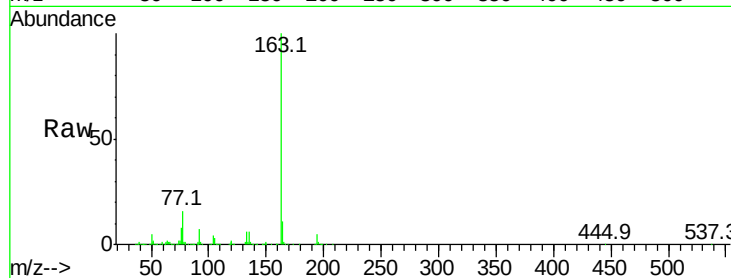
#49
Dimethylphthalate
Concen: 46.83 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	11.0	9.3	13.9

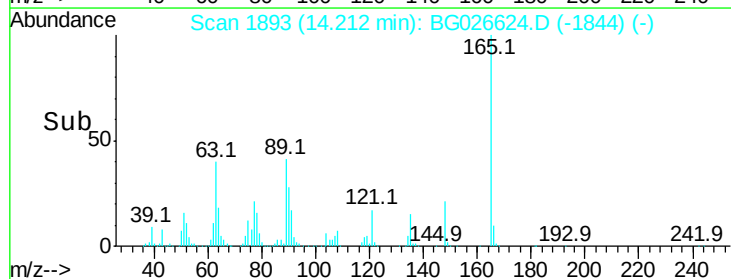
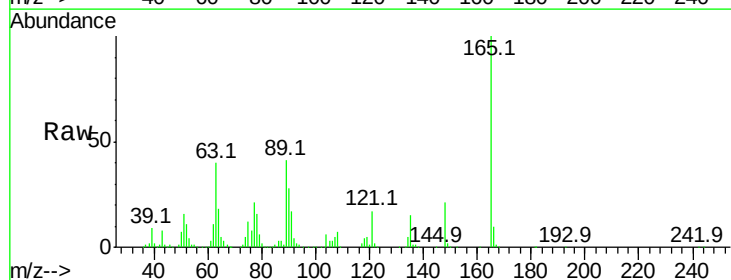
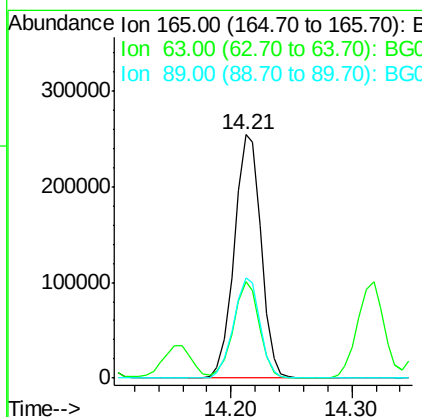
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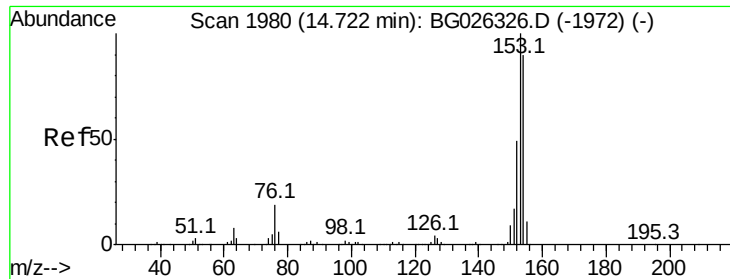
mohammad
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#50
2,6-Dinitrotoluene
Concen: 49.30 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.7	63.9	95.9#
89	41.4	58.6	88.0#





#51

Acenaphthene

Concen: 43.35 ng

RT: 14.71 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

PB98180BS

Tot Ion:154 Resp: 1268315

Ion Ratio Lower Upper

154 100

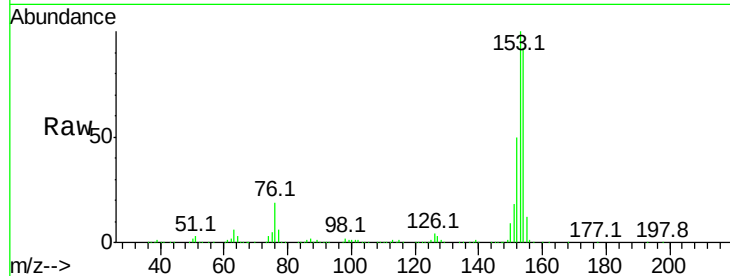
153 108.3 87.8 131.6

152 53.8 42.2 63.4

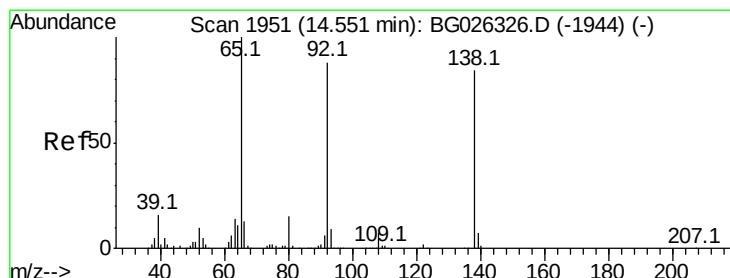
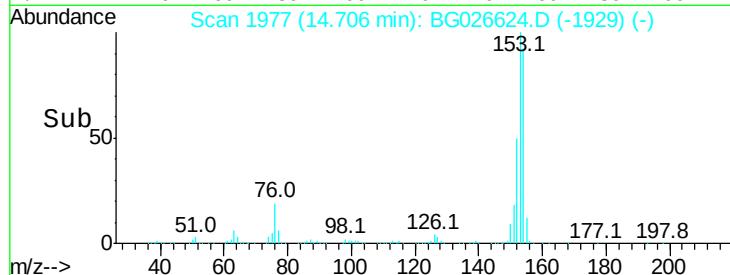
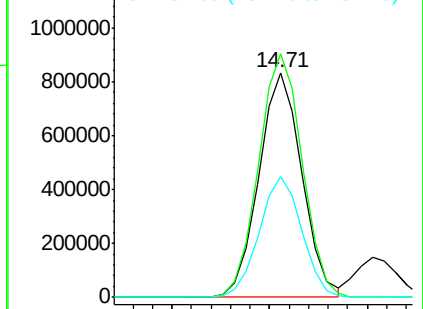
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.36 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

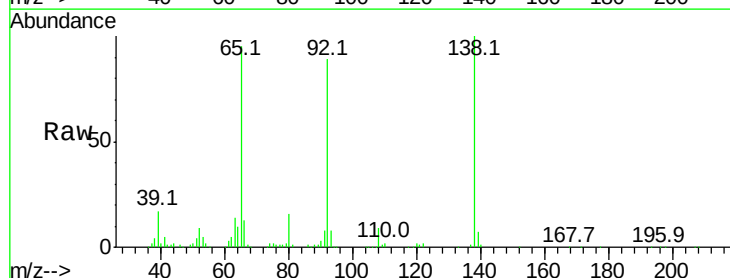
Tgt Ion:138 Resp: 125527

Ion Ratio Lower Upper

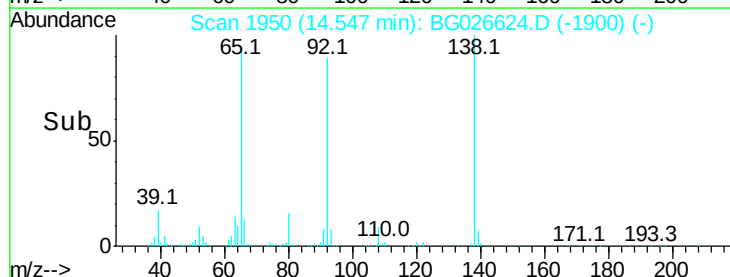
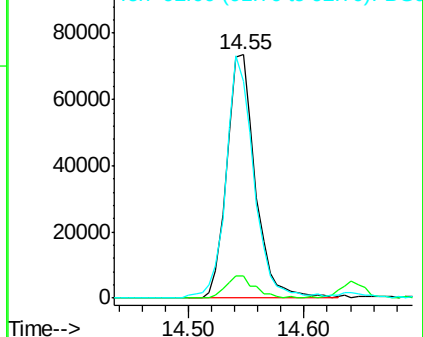
138 100

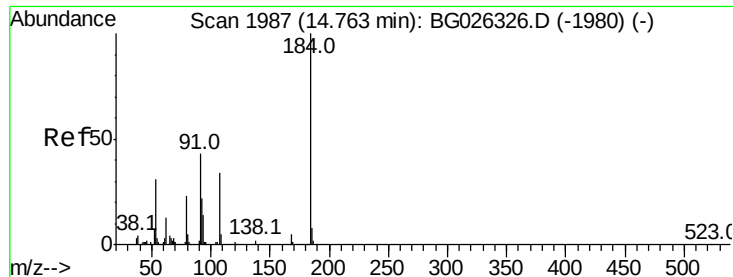
108 8.9 10.9 16.3#

92 89.1 115.3 172.9#



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





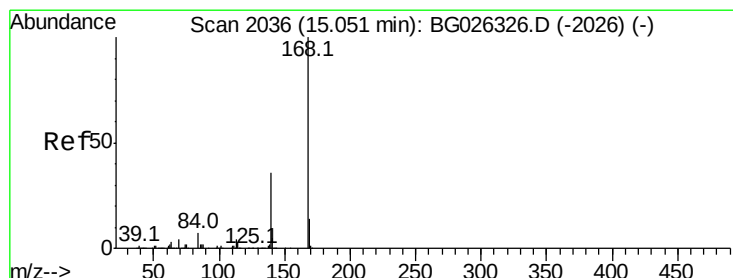
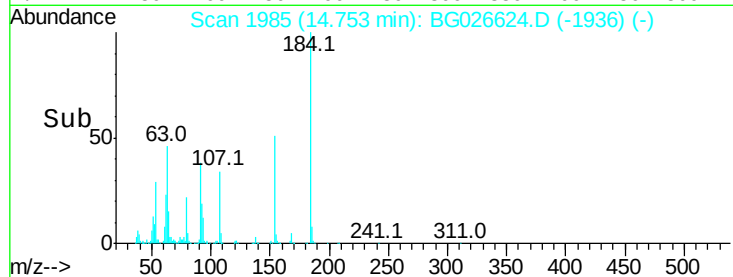
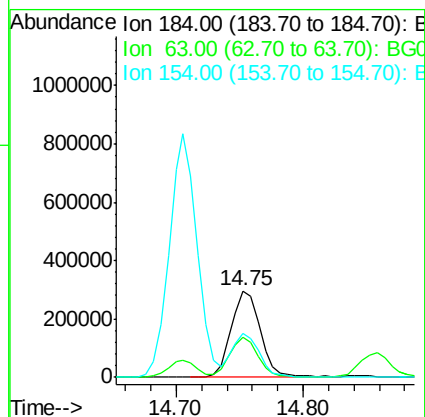
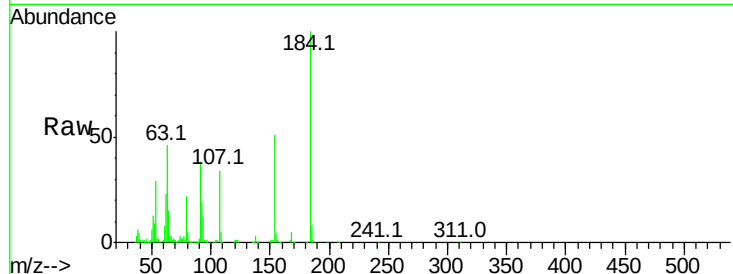
#53
2,4-Dinitrophenol
Concen: 102.79 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.4	52.7	79.1#
154	51.1	57.3	85.9#

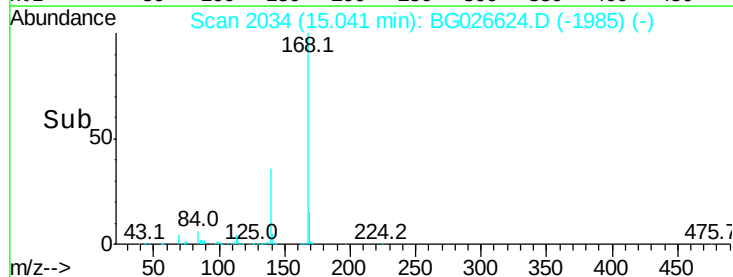
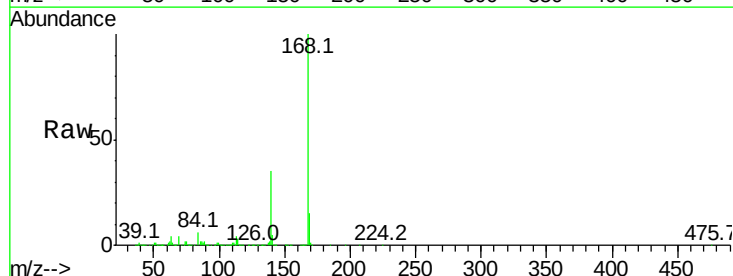
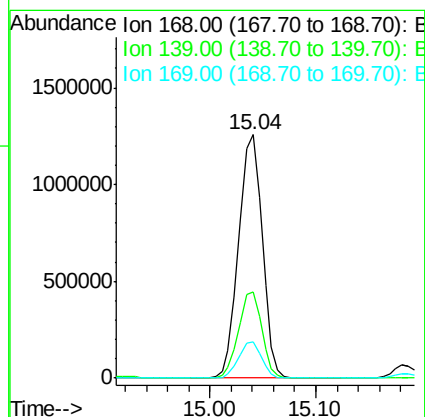
Manual Integrations
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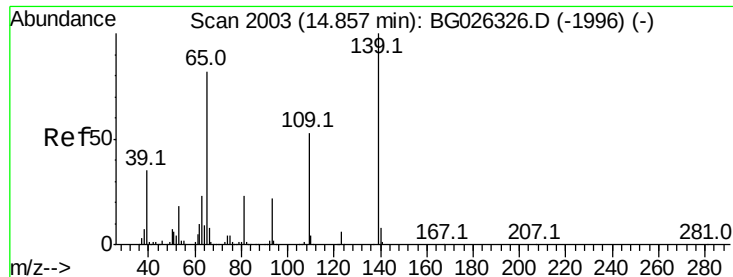
mohammad
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#54
Dibenzofuran
Concen: 47.04 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	35.3	52.9#
169	15.0	11.5	17.3





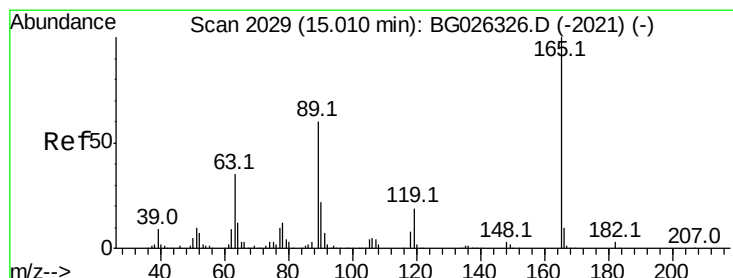
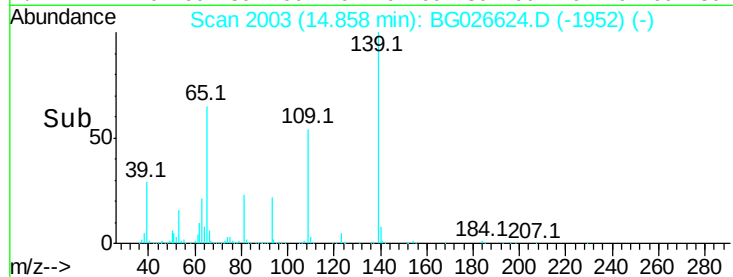
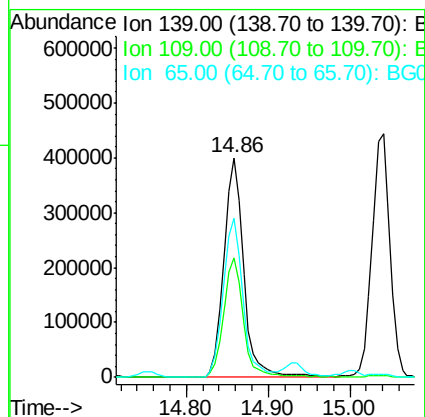
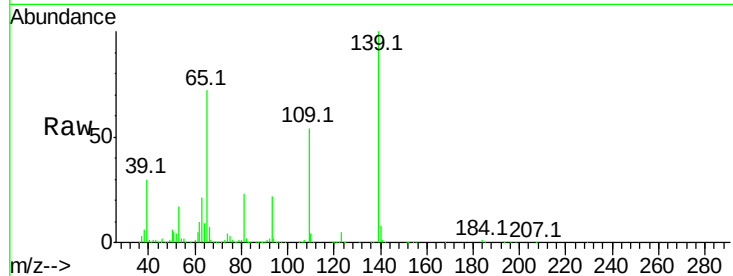
#55
4-Nitrophenol
Concen: 94.75 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.1	101.2	141.2#	
65	72.4	135.3	175.3#	

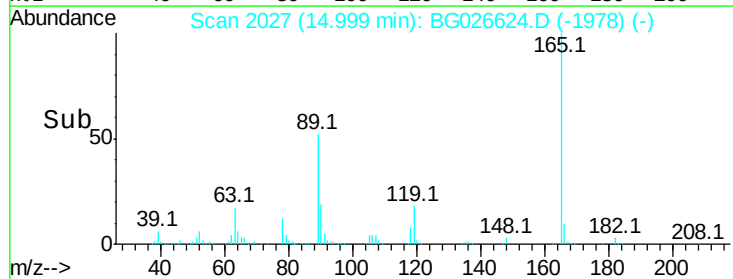
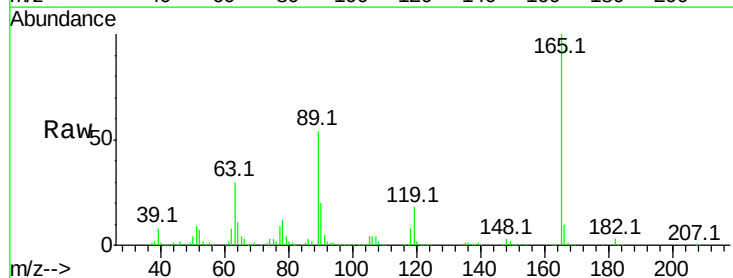
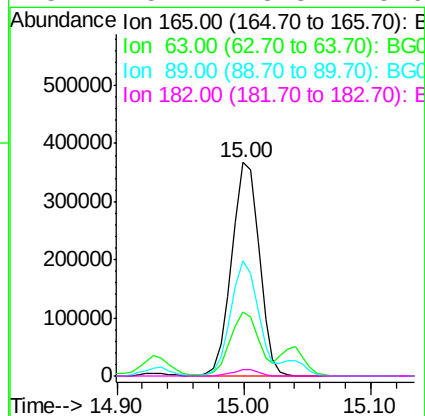
Manual Integrations
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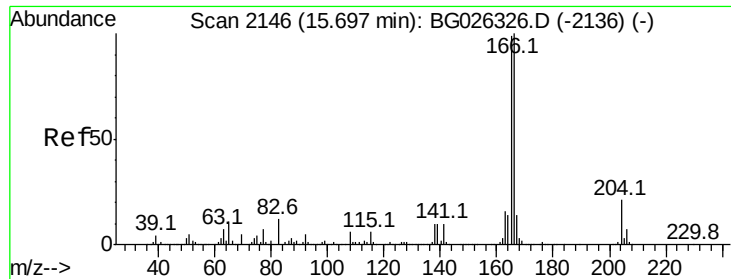
mohammad
4/12/2017 5:13:16 PM



#56
2,4-Dinitrotoluene
Concen: 49.51 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	29.9	44.0	66.0#	
89	53.8	67.3	100.9#	
182	3.1	3.8	5.6#	





#57

Fluorene

Concen: 44.11 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

PB98180BS

Tot Ion:166 Resp: 1616723

Ion Ratio Lower Upper

166 100

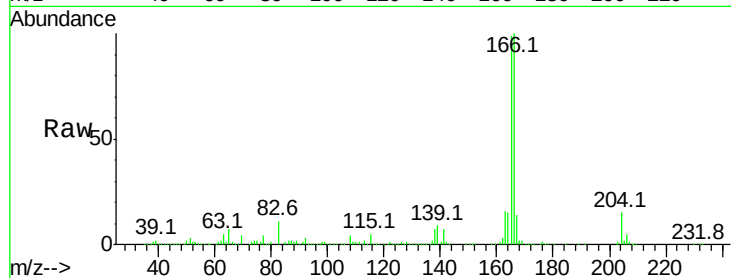
165 98.6 78.6 117.8

167 14.3 11.6 17.4

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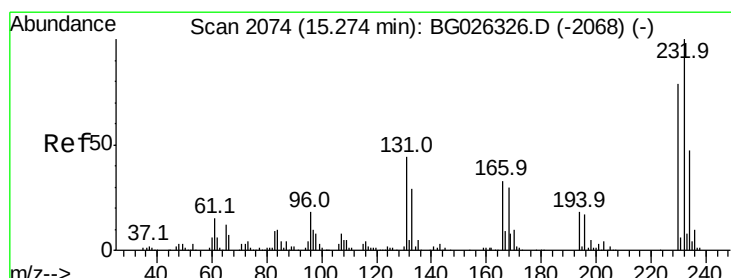
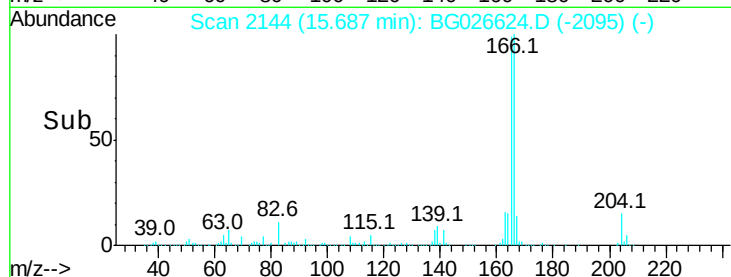
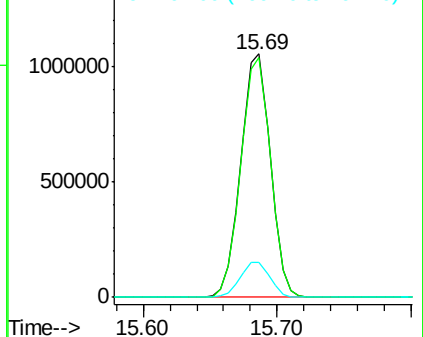
4/12/2017 5:13:16 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.37 ng

RT: 15.26 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Tgt Ion:232 Resp: 465216

Ion Ratio Lower Upper

232 100

131 38.1 34.9 52.3

130 2.0 2.3 3.5#

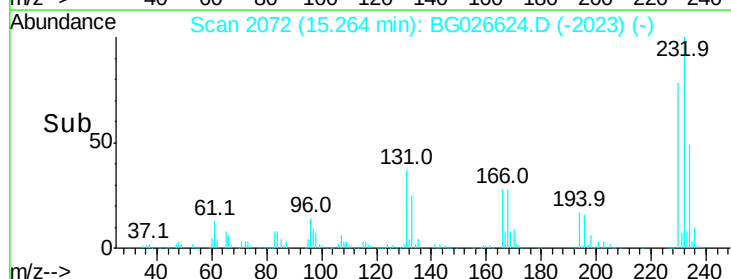
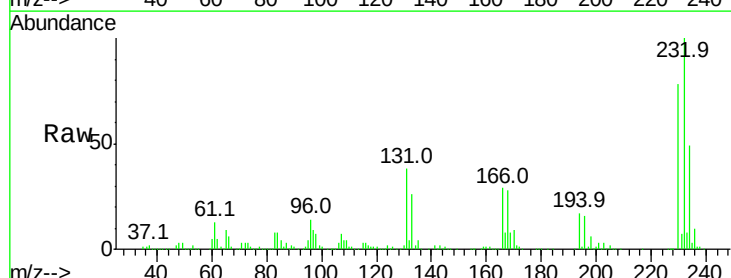
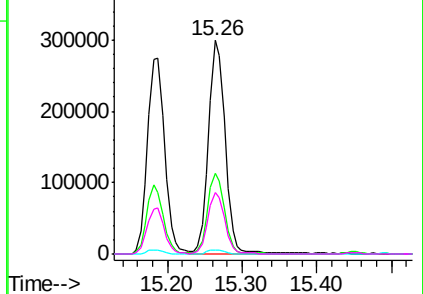
166 28.9 24.2 36.4

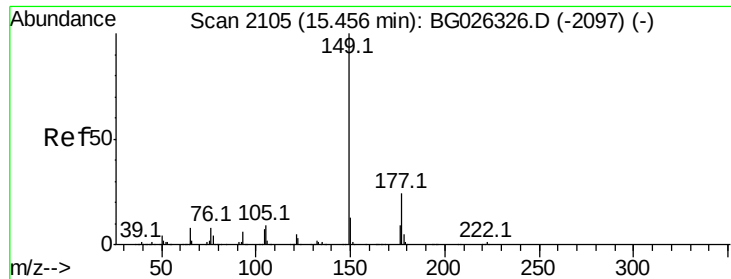
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.77 ng

RT: 15.45 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

PB98180BS

Tot Ion:149 Resp: 1590766

Ion Ratio Lower Upper

149 100

177 26.4 20.1 30.1

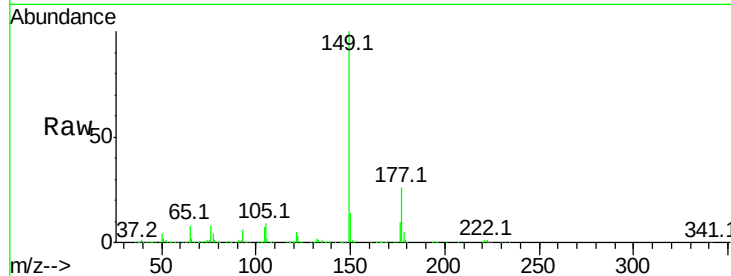
150 13.8 10.2 15.2

Manual Integrations

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mohammad

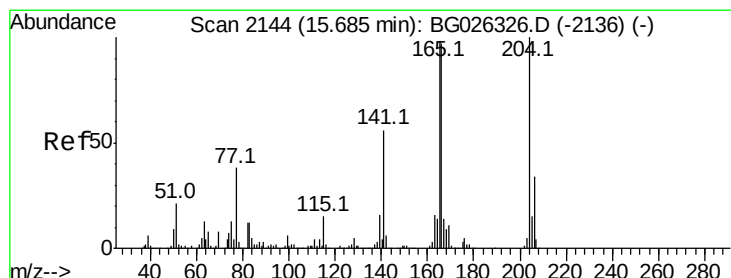
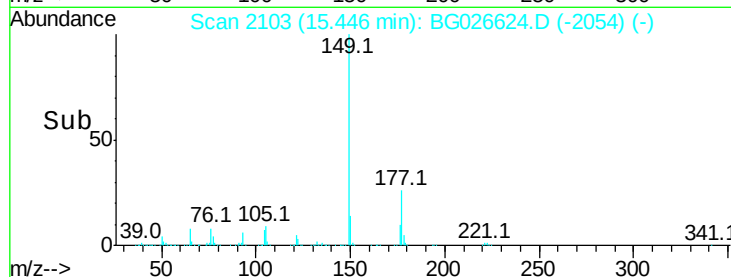
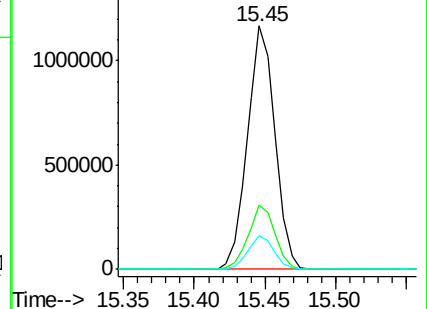
4/12/2017 5:13:16 PM



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: 46.73 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

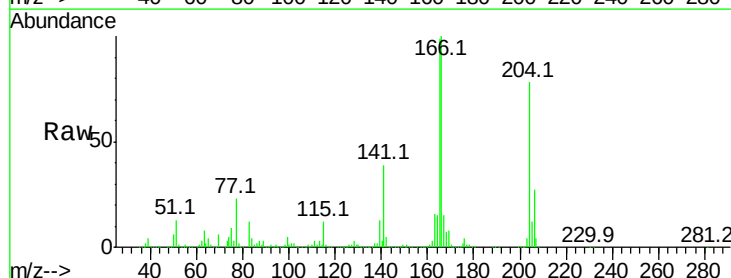
Tgt Ion:204 Resp: 811753

Ion Ratio Lower Upper

204 100

206 34.5 30.1 45.1

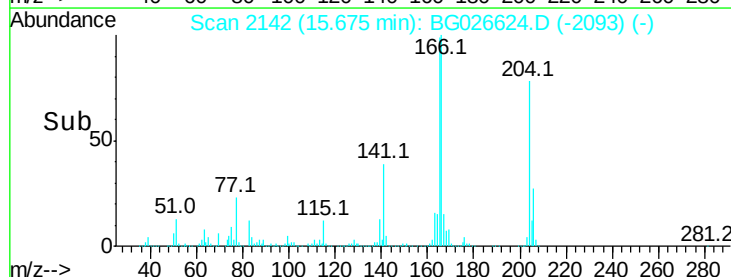
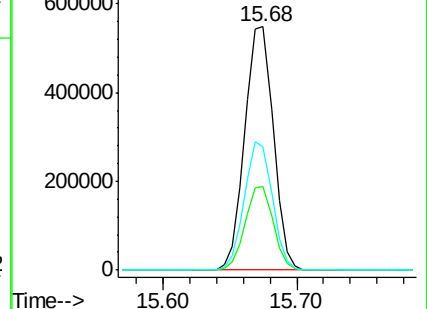
141 50.7 50.6 76.0

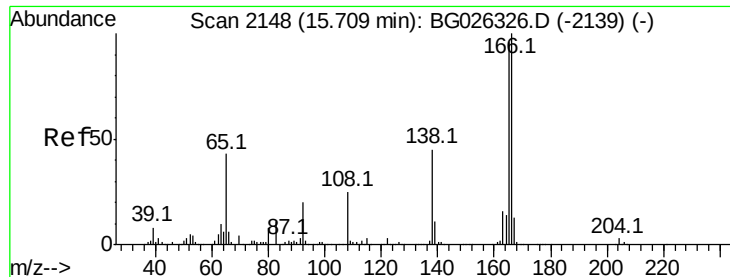


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





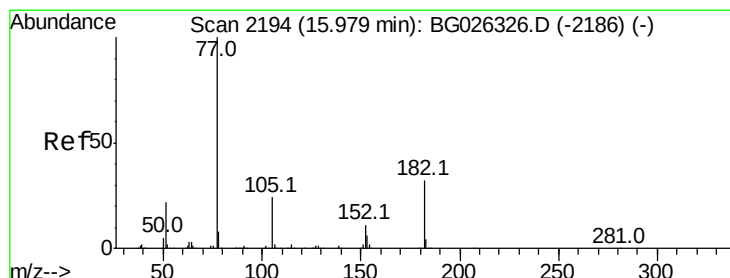
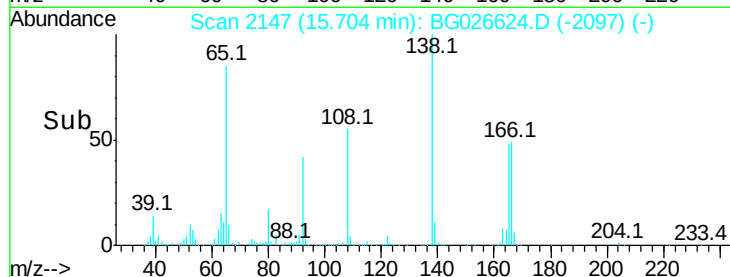
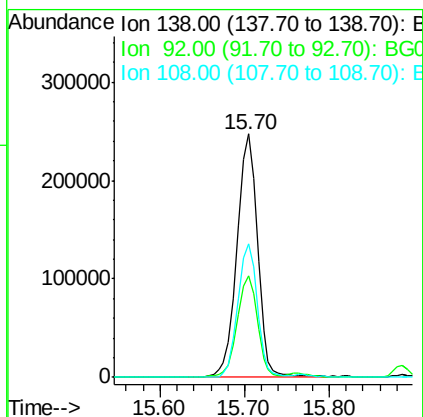
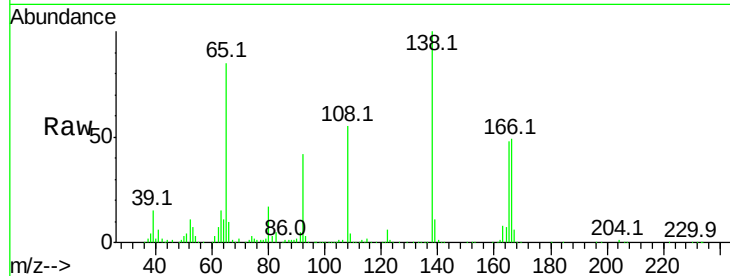
#61
4-Nitroaniline
Concen: 45.06 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion:138 Resp: 416534
Ion Ratio Lower Upper
138 100
92 41.5 44.2 84.2#
108 55.0 104.8 144.8#

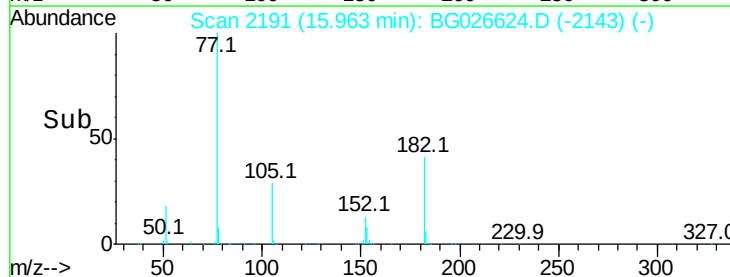
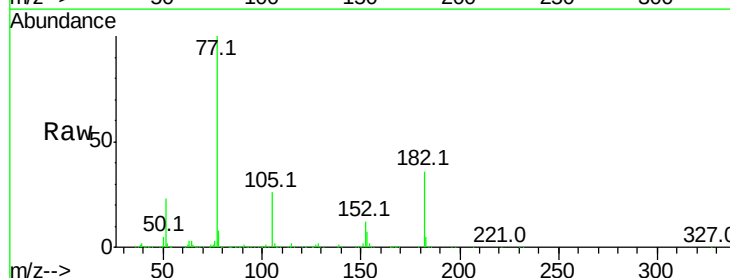
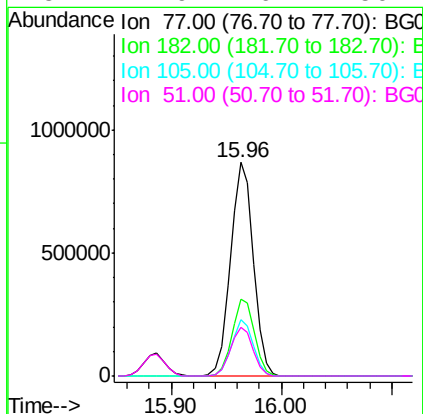
Manual Integrations
APPROVED

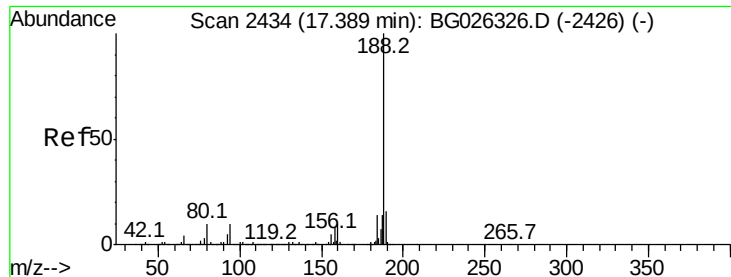
mohammad
4/12/2017 5:13:16 PM



#62
Azobenzene
Concen: 44.43 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion: 77 Resp: 1255724
Ion Ratio Lower Upper
77 100
182 36.0 4.7 44.7
105 26.1 0.0 36.3
51 22.9 16.4 56.4





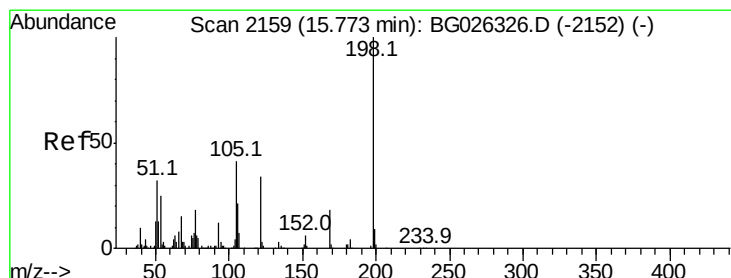
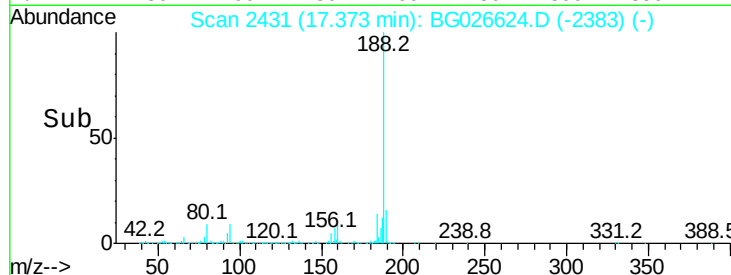
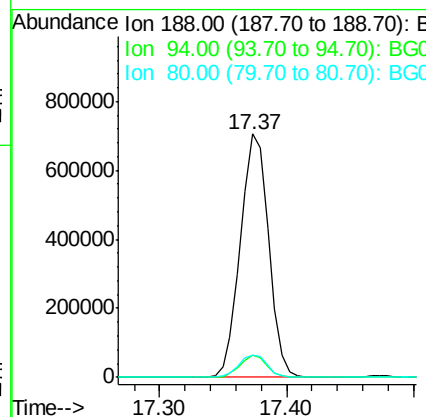
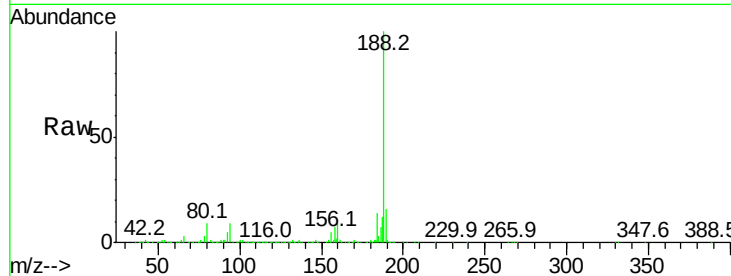
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.8	8.8#
80	9.1	7.5	11.3

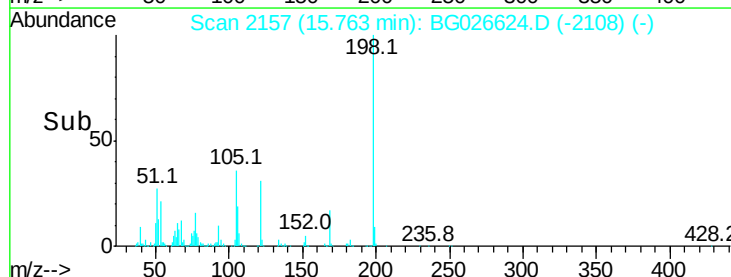
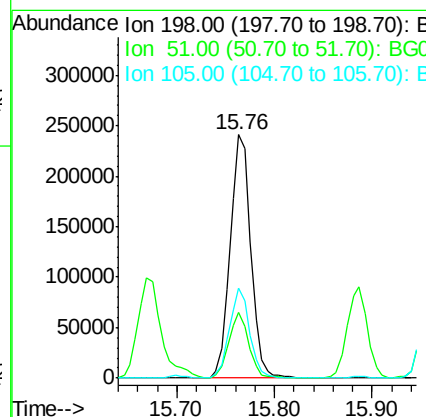
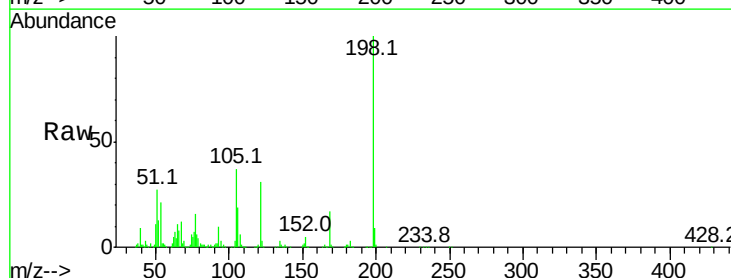
Manual Integrations
 APPROVED

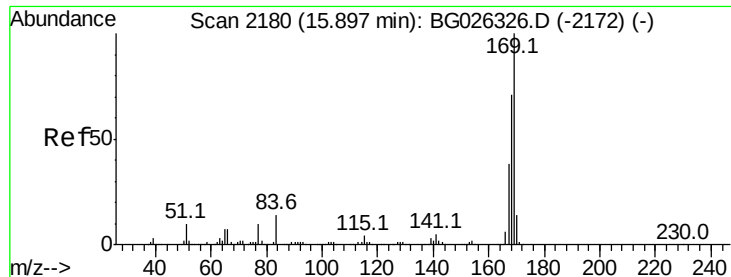
mohammad
 4/12/2017 5:13:16 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.80 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	26.8	22.6	62.6
105	36.9	14.4	54.4





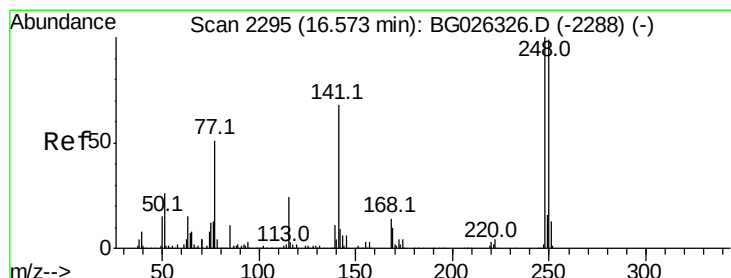
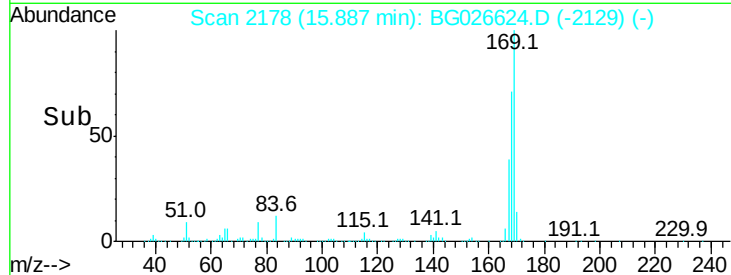
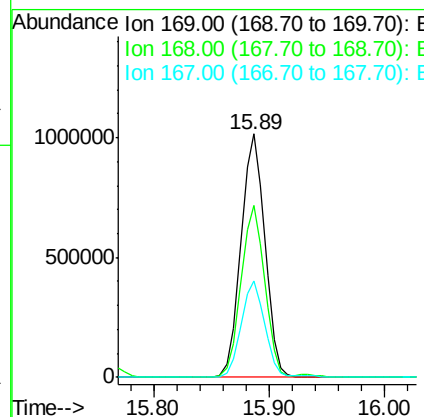
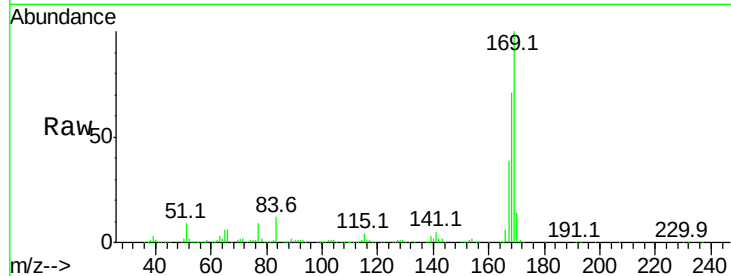
#65
n-Nitrosodiphenylamine
Concen: 45.67 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion:169 Resp: 1456638
Ion Ratio Lower Upper
169 100
168 70.5 55.7 83.5
167 39.4 29.8 44.6

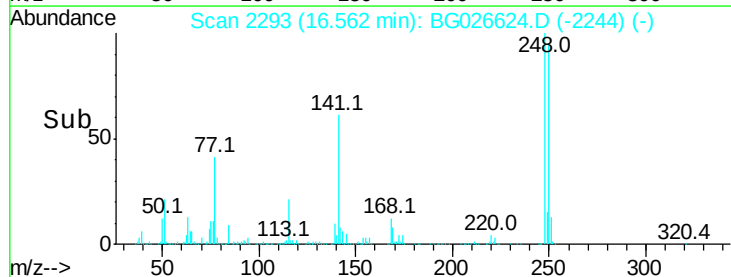
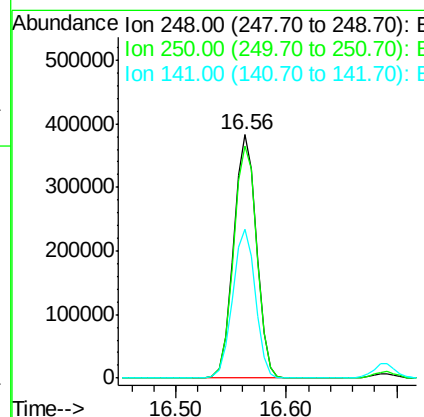
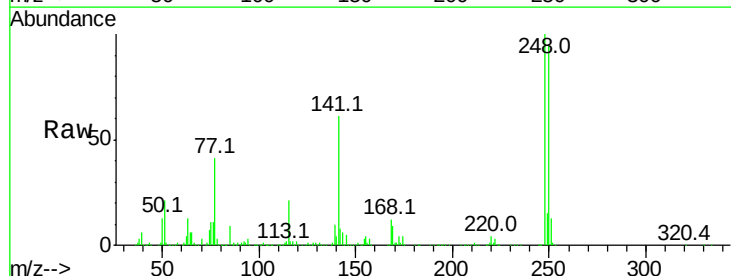
Manual Integrations
APPROVED

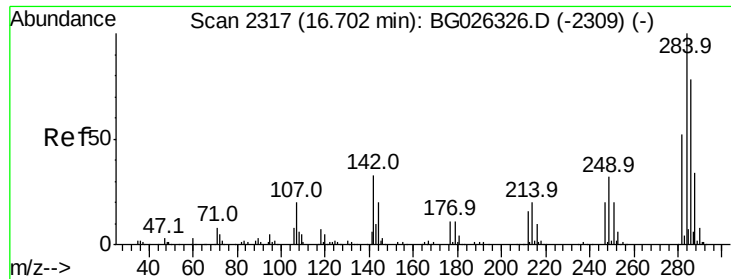
mohammad
4/12/2017 5:13:16 PM



#66
4-Bromophenyl-phenylether
Concen: 49.68 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion:248 Resp: 555703
Ion Ratio Lower Upper
248 100
250 95.4 75.0 112.6
141 61.0 55.2 82.8





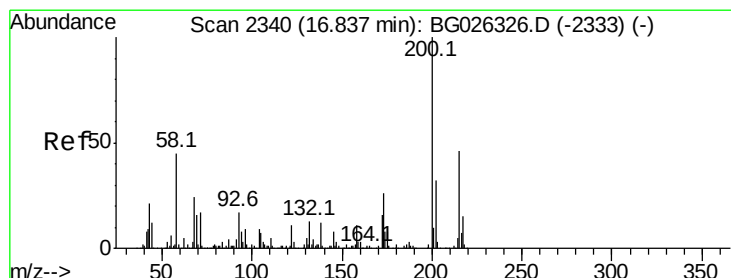
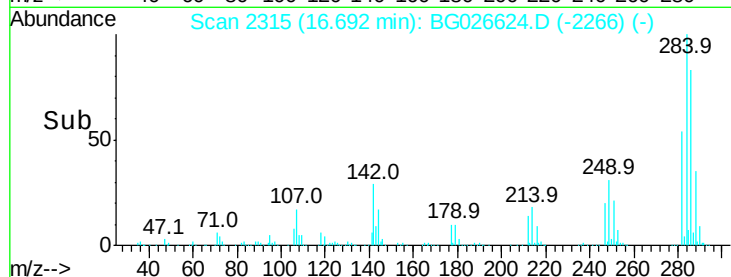
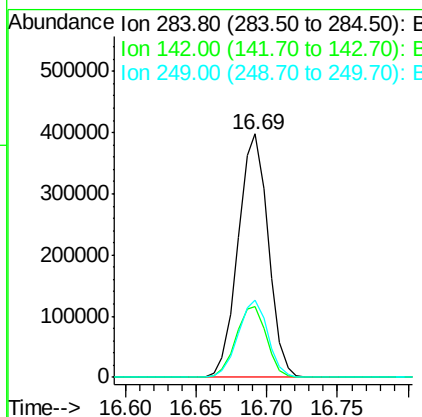
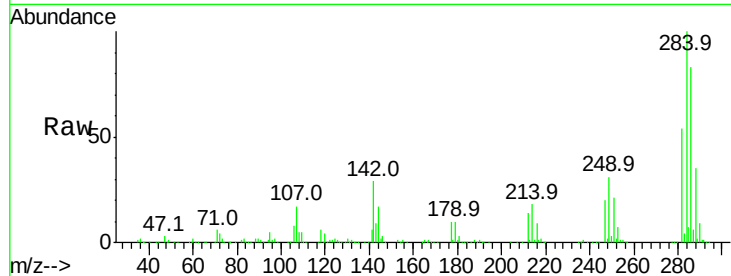
#67
Hexachlorobenzene
Concen: 49.56 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampled :
PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.9	29.9	44.9	
249	31.5	29.2	43.8	

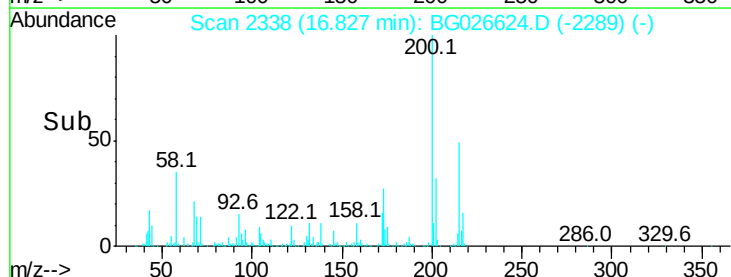
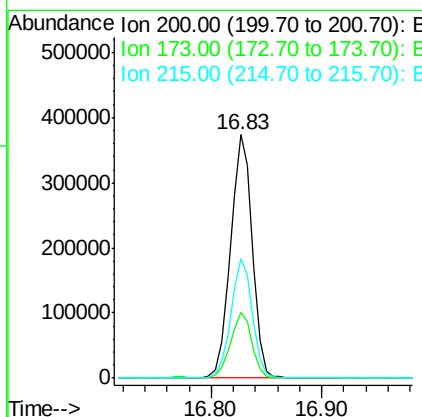
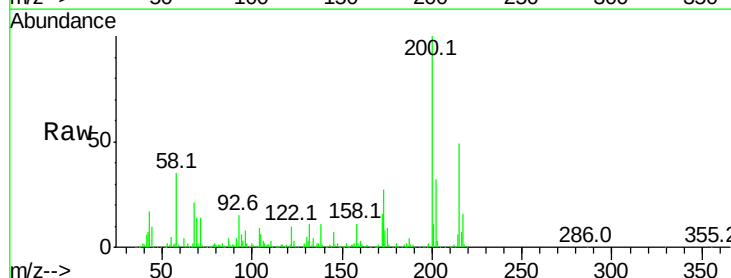
Manual Integrations
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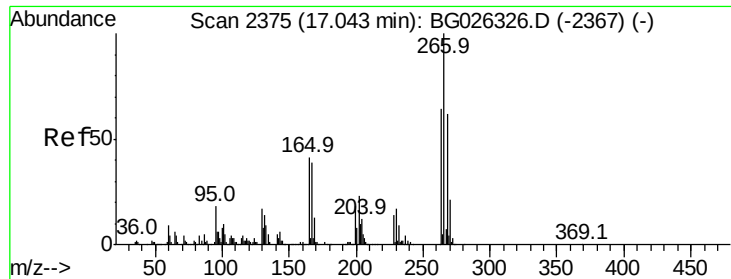
mohammad
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#68
Atrazine
Concen: 42.43 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	3.0	43.0	
215	49.1	28.4	68.4	





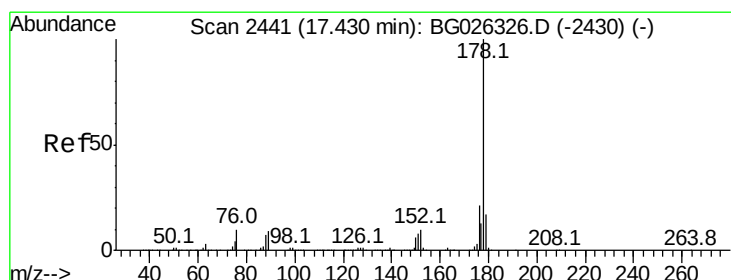
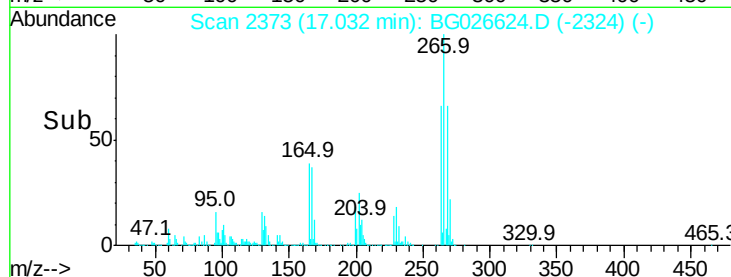
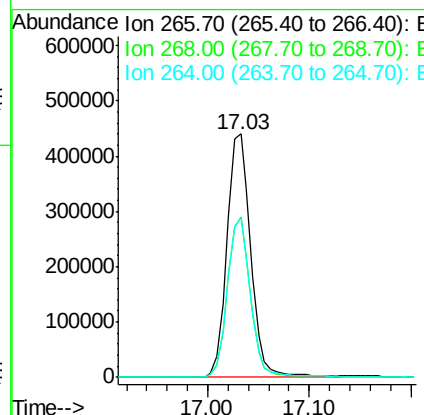
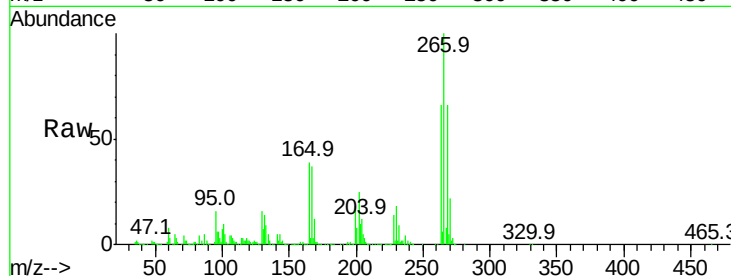
#69
 Pentachlorophenol
 Concen: 92.62 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	718547		
268	65.6	48.6	72.8	
264	65.6	50.1	75.1	

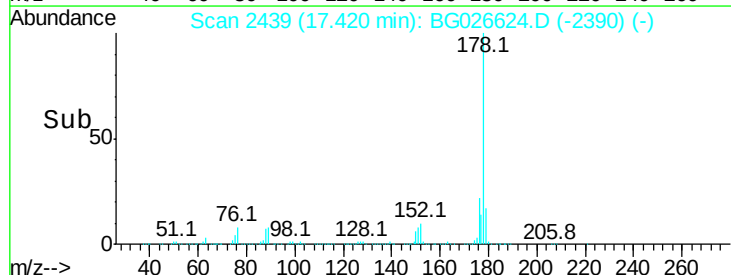
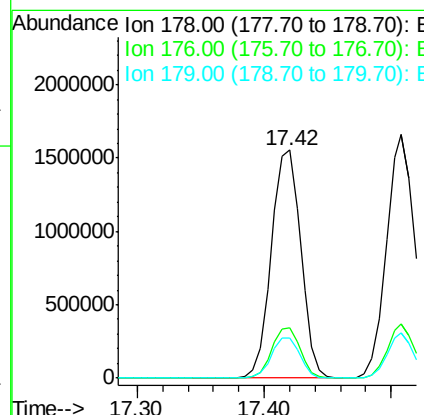
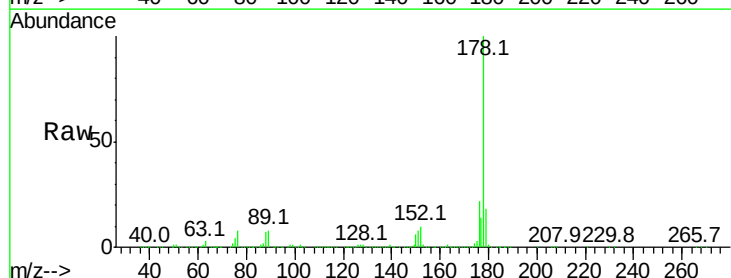
Manual Integrations
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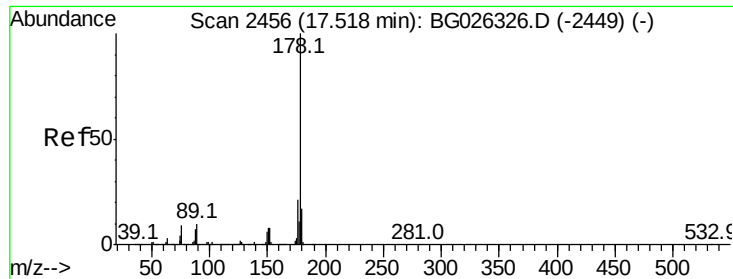
mohammad
 4/12/2017 5:13:16 PM



#70
 Phenanthrene
 Concen: 43.03 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2511122		
176	22.1	17.7	26.5	
179	17.5	15.0	22.6	





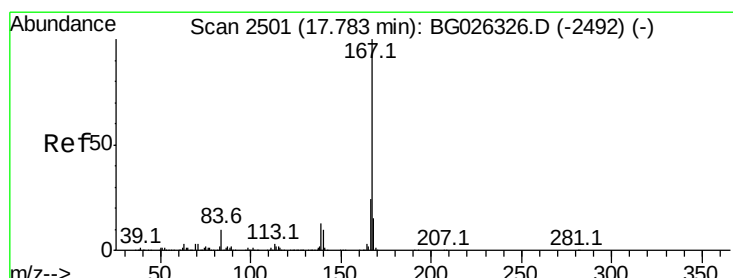
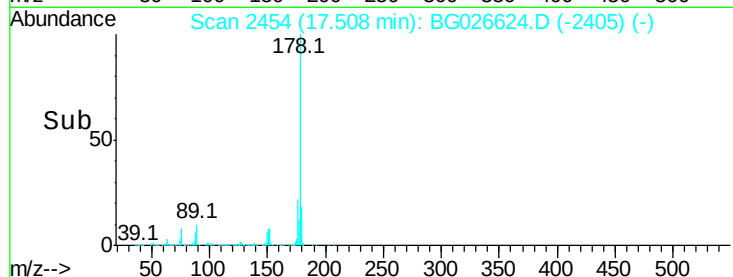
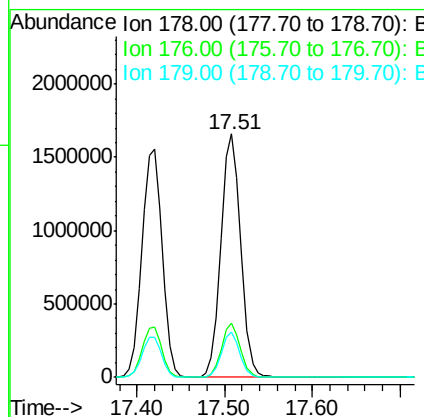
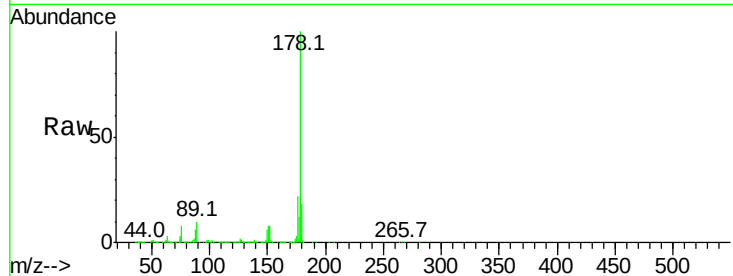
#71
 Anthracene
 Concen: 43.40 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.2	16.4	24.6
179	18.4	13.8	20.8

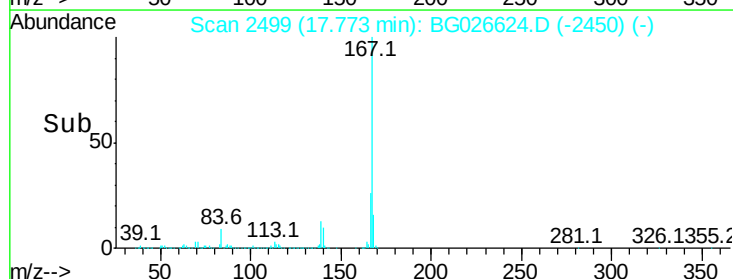
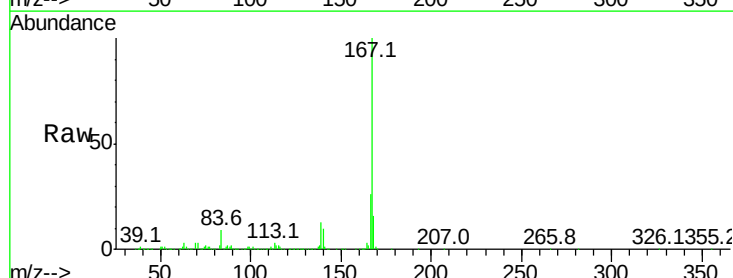
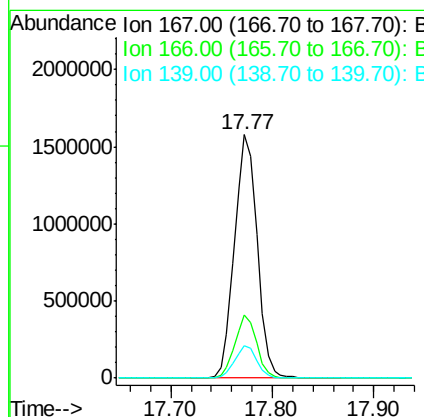
Manual Integrations
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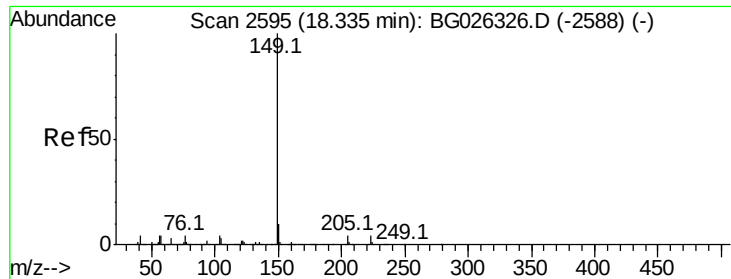
mohammad
 4/12/2017 5:13:16 PM



#72
 Carbazole
 Concen: 40.22 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.8	20.2	30.2
139	13.3	12.8	19.2





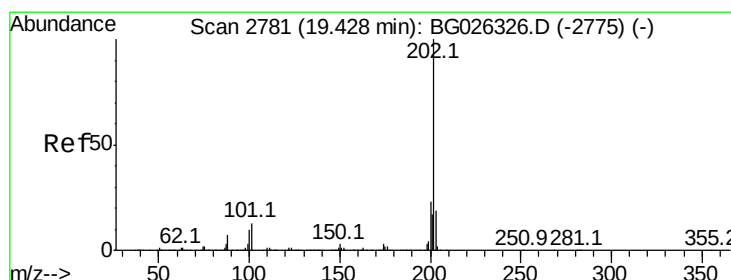
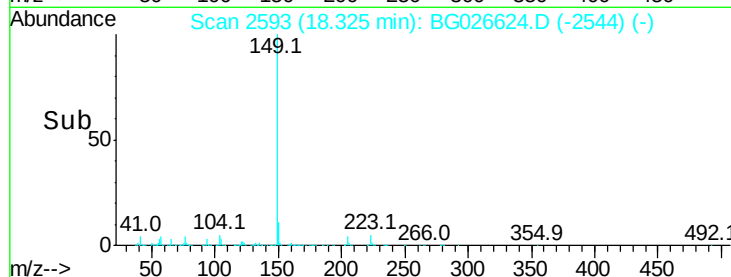
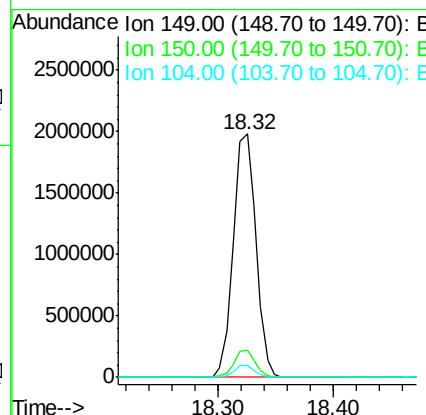
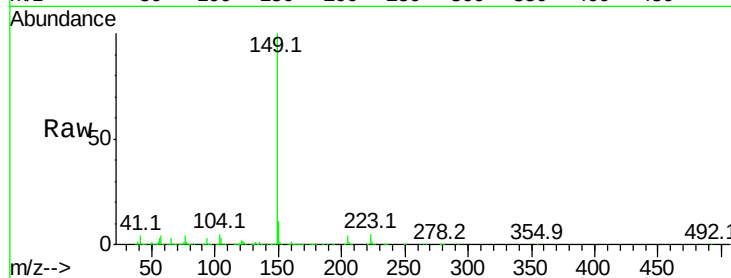
#73
Di-n-butylphthalate
Concen: 42.75 ng
RT: 18.32 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.1	13.7
104	4.7	6.7	10.1

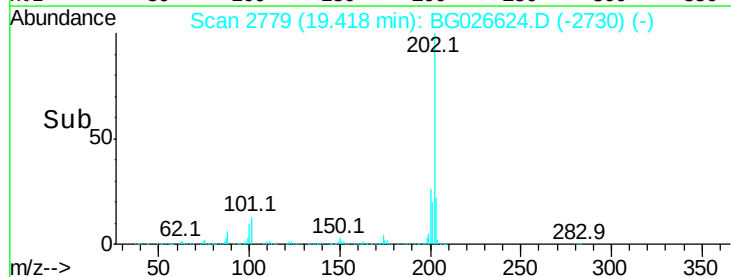
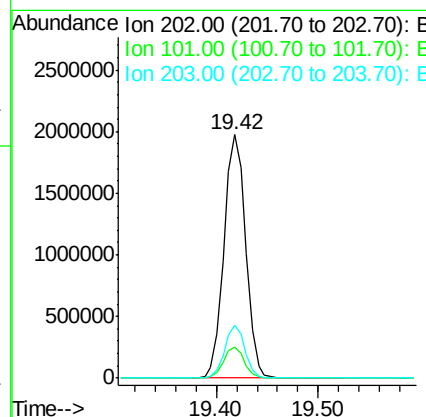
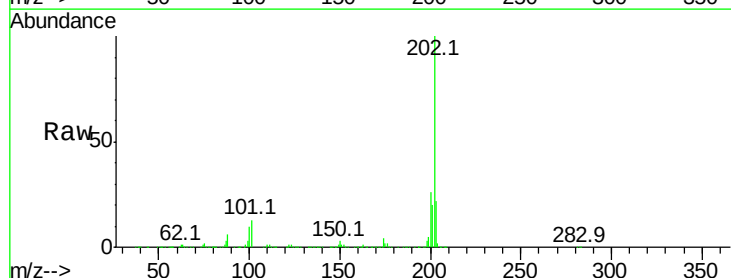
Manual Integrations
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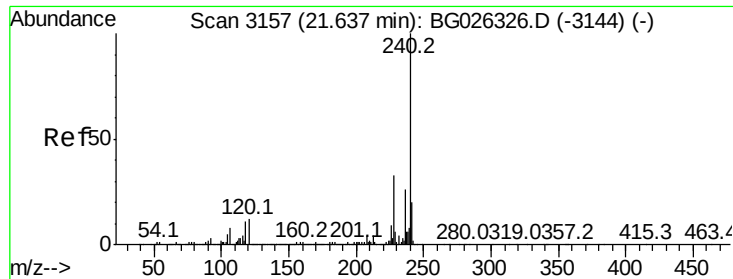
mohammad
4/12/2017 5:13:16 PM



#74
Fluoranthene
Concen: 42.73 ng
RT: 19.42 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.1
203	21.5	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

PB98180BS

Tot Ion:240 Resp: 1208420

Ion Ratio Lower Upper

240 100

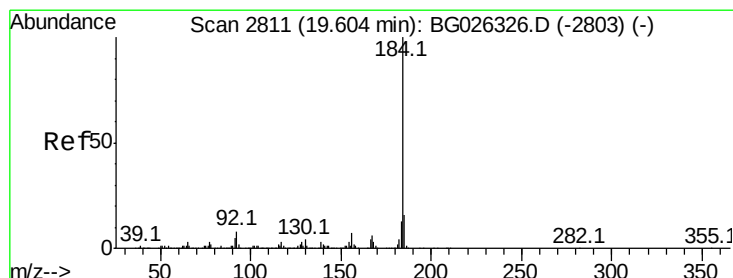
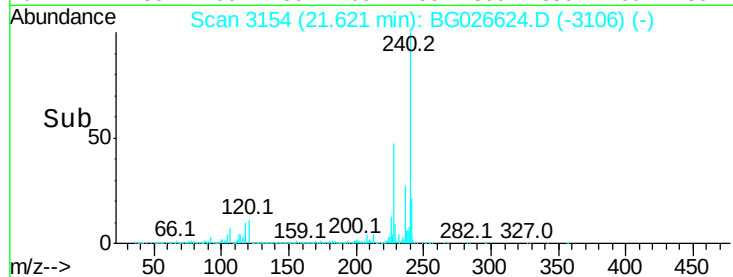
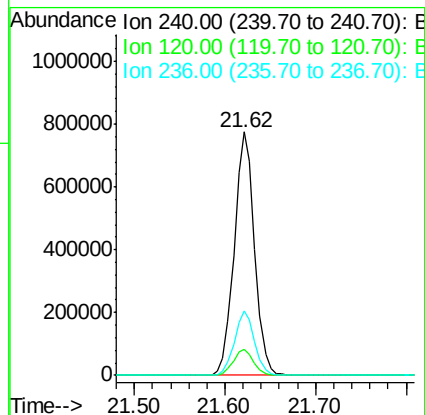
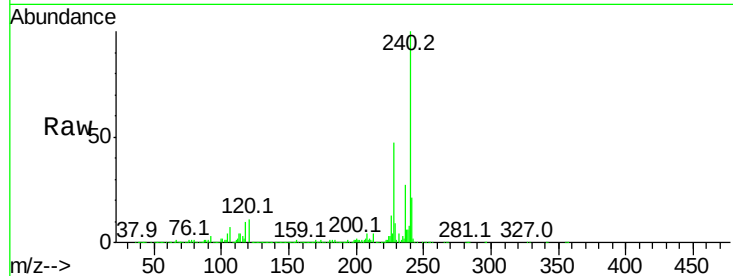
120 10.8 5.7 8.5#

236 26.6 22.2 33.4

Manual Integrations
APPROVED

mohammad

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#76

Benzidine

Concen: 22.04 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

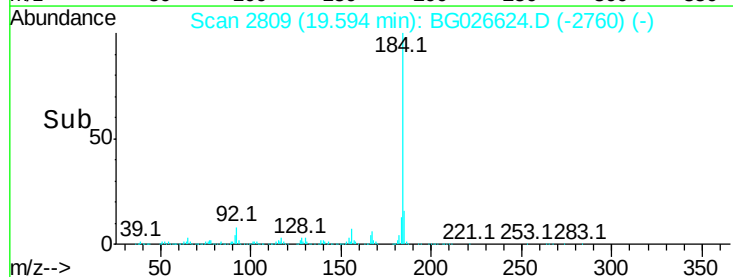
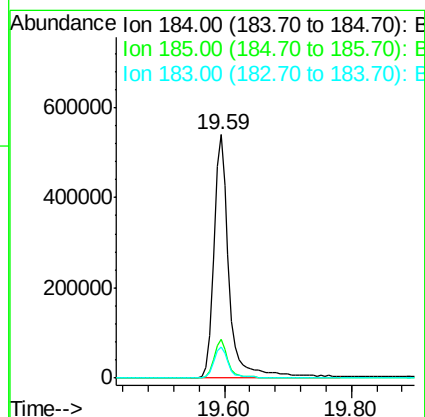
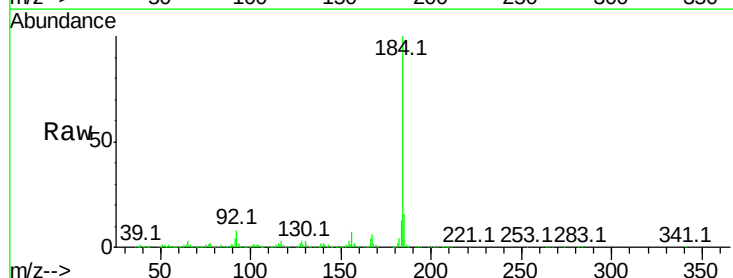
Tgt Ion:184 Resp: 918485

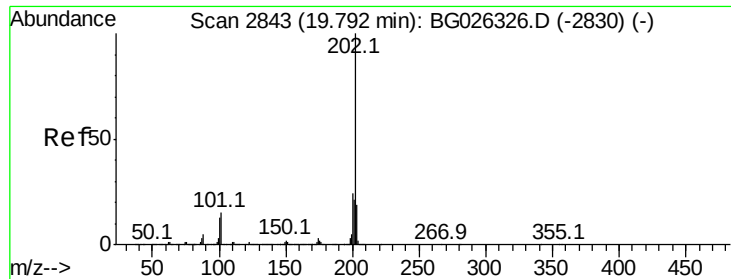
Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

183 13.0 11.0 16.6





#77

Pvrene

Concen: 42.58 ng

RT: 19.78 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampled :

PB98180BS

Tot Ion:202 Resp: 2979127

Ion Ratio Lower Upper

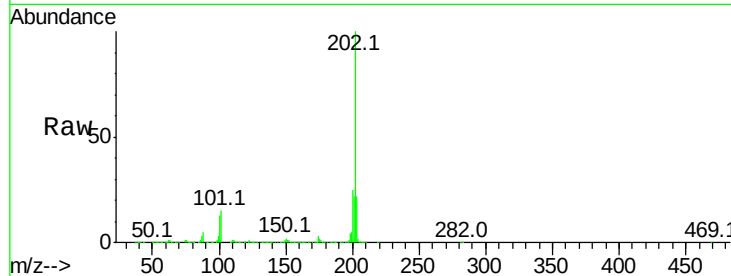
202 100

200 25.5 19.6 29.4

203 21.6 15.8 23.8

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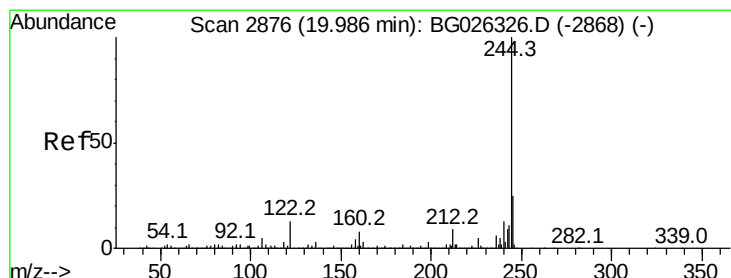
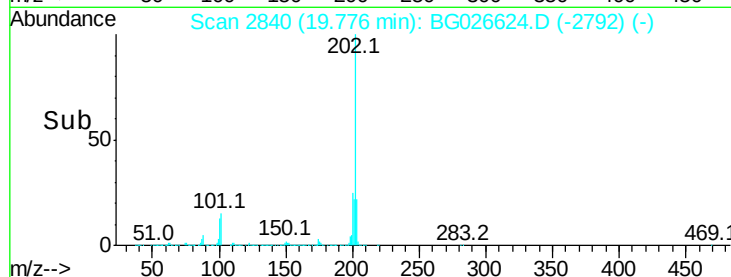
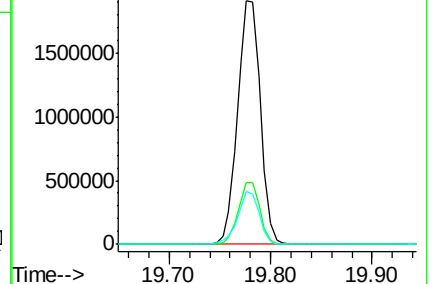
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.71 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

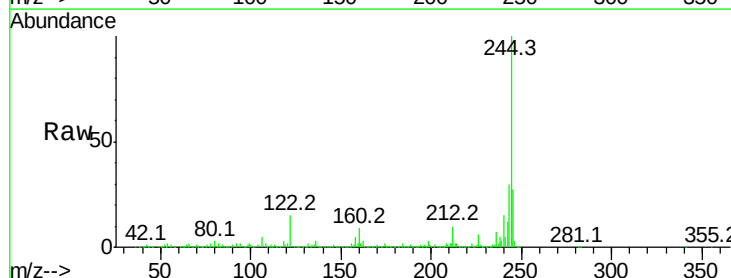
Tgt Ion:244 Resp: 3667540

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

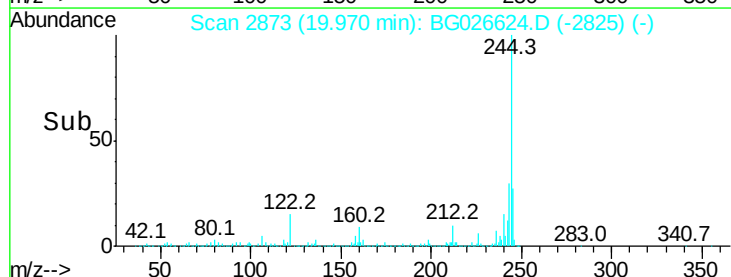
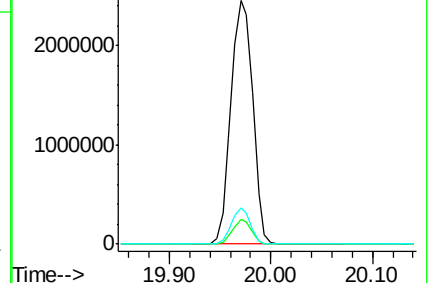
122 14.9 8.6 12.8#

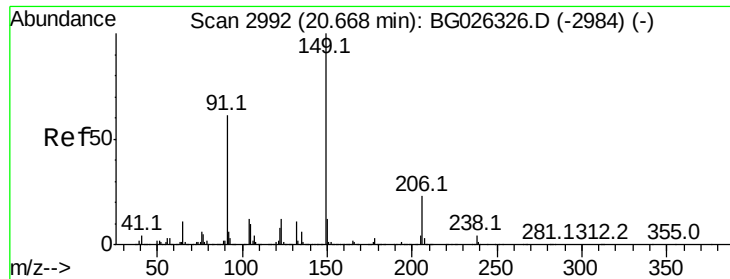


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.43 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

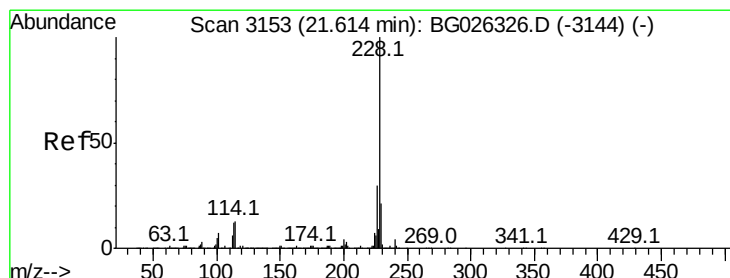
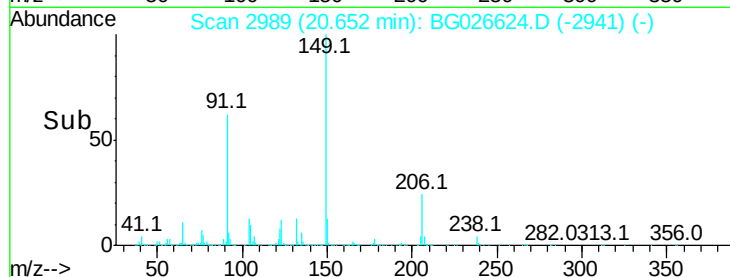
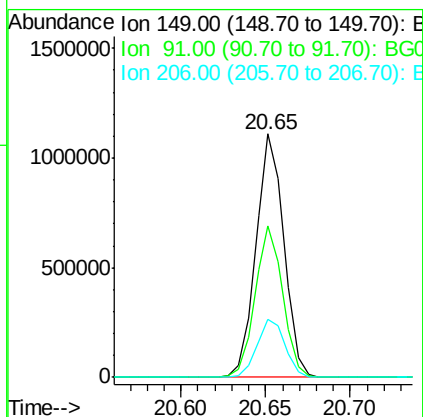
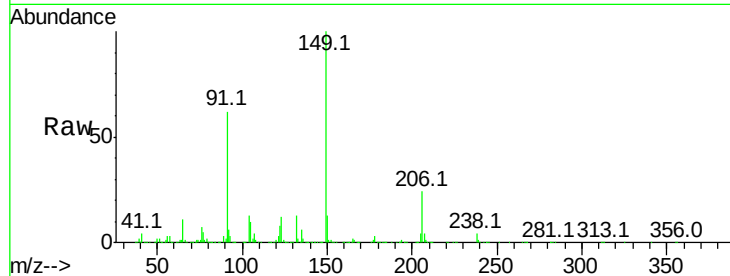
ClientSampled :

PB98180BS

Tot Ion:	149	Resp:	1272013
Ion	Ratio	Lower	Upper
149	100		
91	62.2	63.5	95.3#
206	23.9	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 42.70 ng

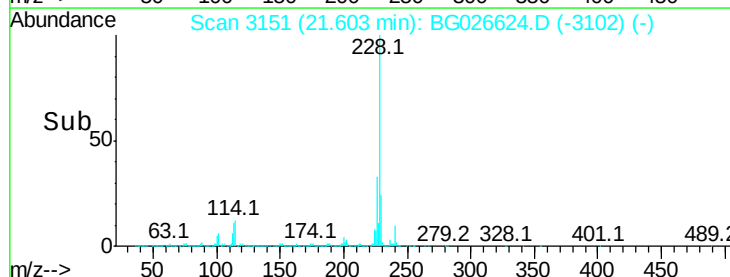
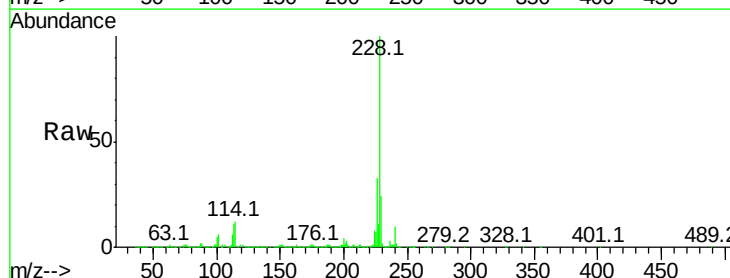
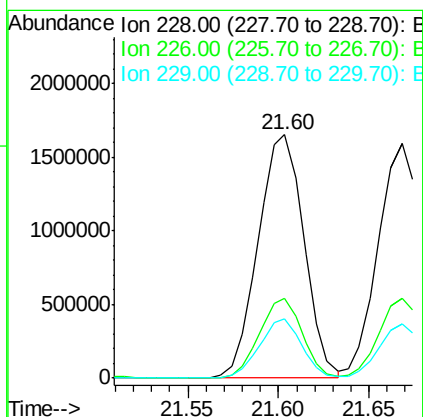
RT: 21.60 min Scan# 3151

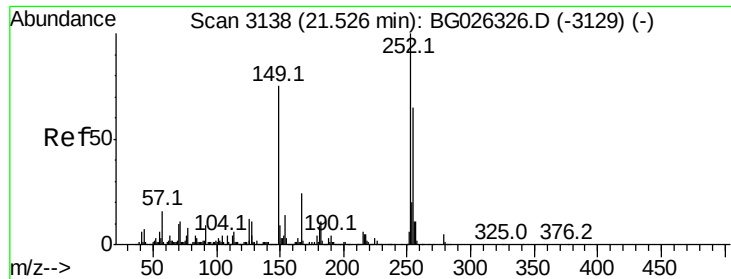
Delta R.T. -0.01 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Tgt Ion:	228	Resp:	2903821
Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	24.3	18.2	27.2





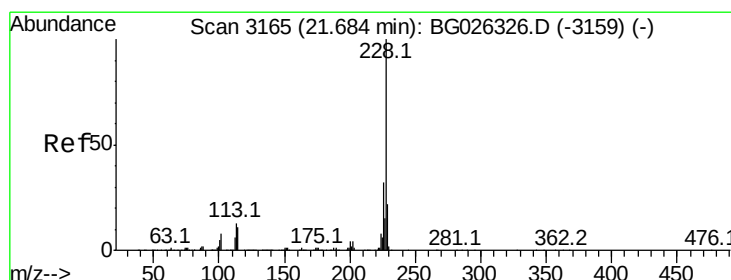
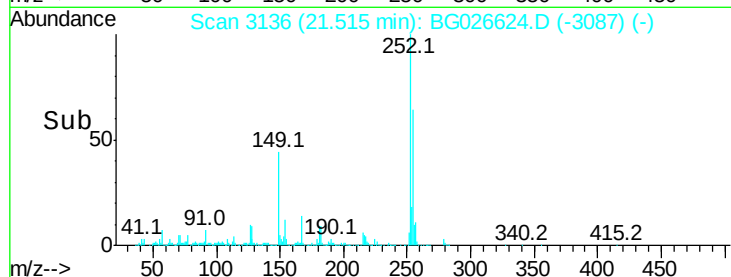
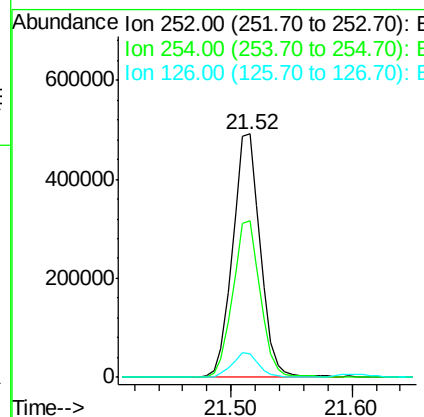
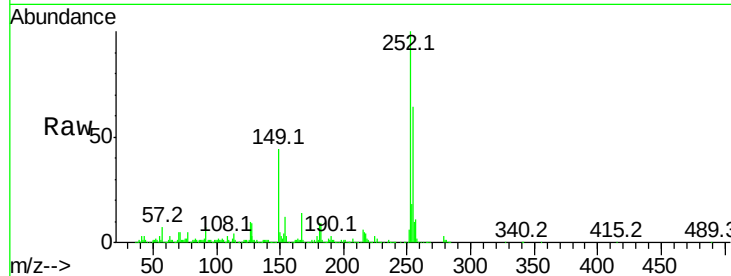
#81
 3,3'-Dichlorobenzidine
 Concen: 28.09 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	782055		
254	64.3	53.1	79.7	
126	9.7	7.0	10.4	

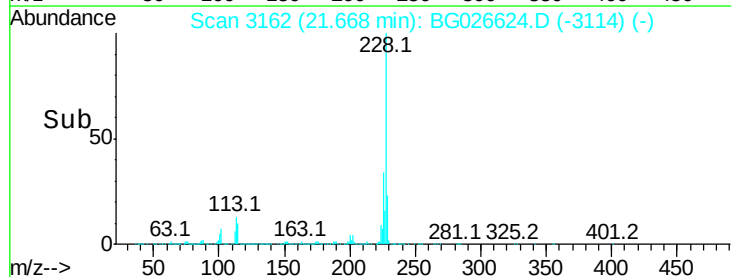
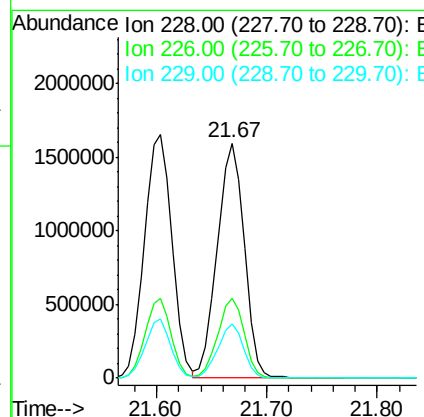
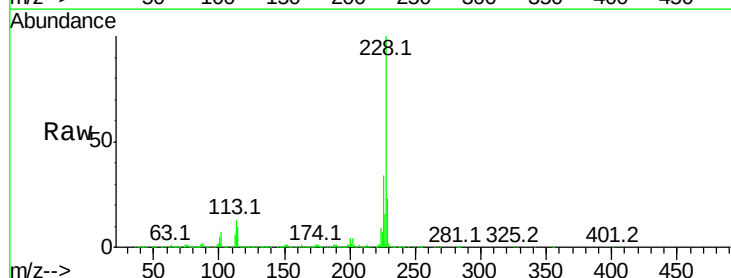
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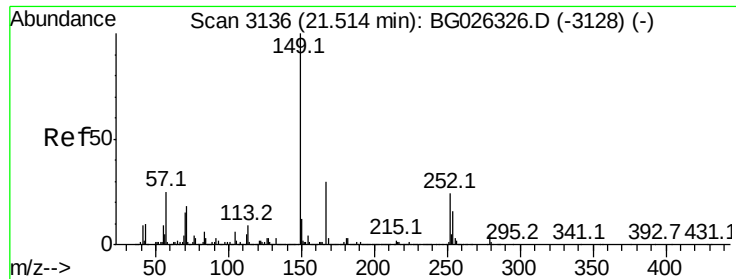
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#82
 Chrysene
 Concen: 41.49 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2695577		
226	34.2	27.0	40.4	
229	23.1	17.8	26.6	





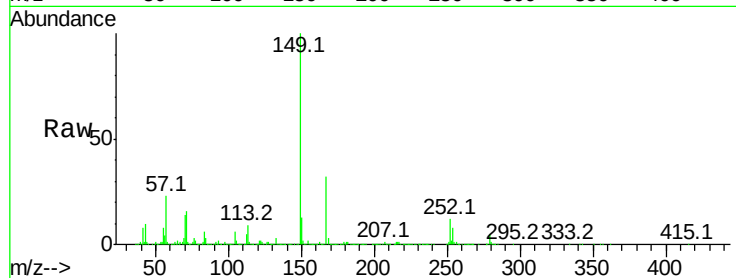
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.49 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

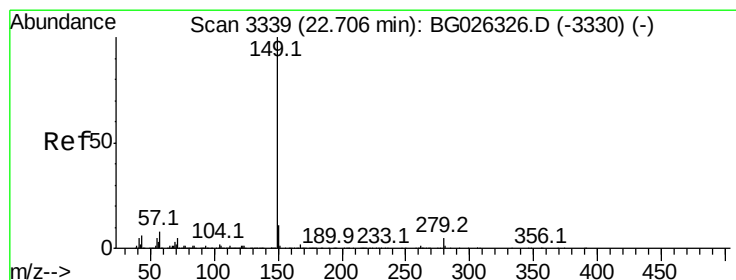
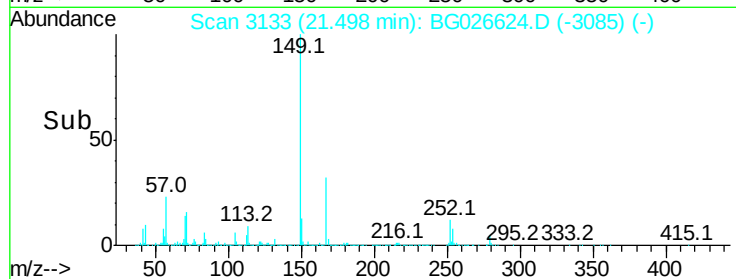
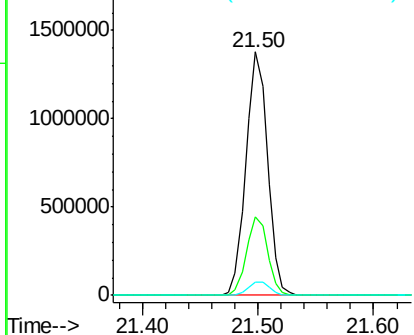
Tot Ion	Ratio	Lower	Upper
149	100		
167	32.0	23.7	35.5
279	5.4	4.6	6.8

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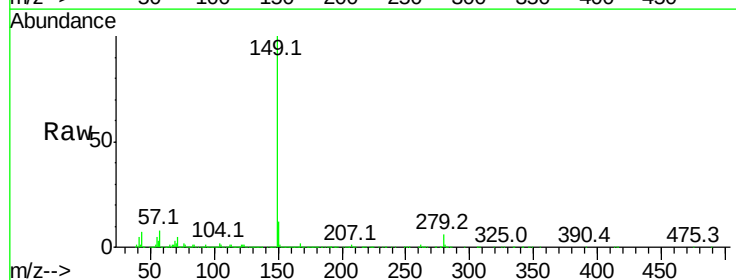


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

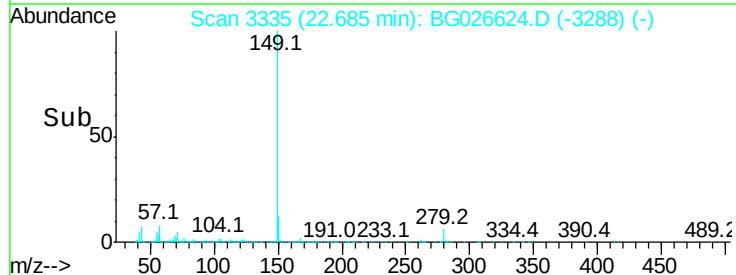
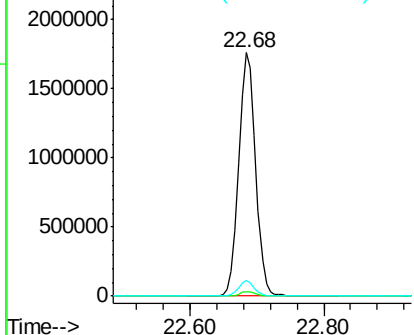


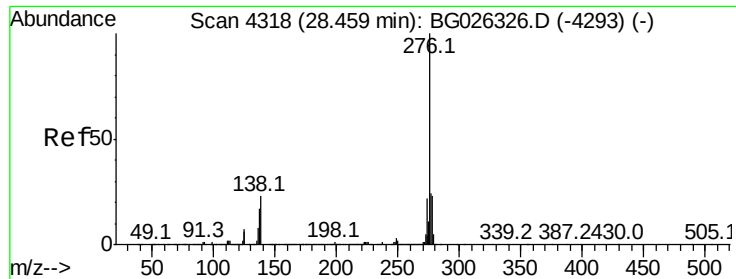
#84
 Di-n-octyl phthalate
 Concen: 42.77 ng
 RT: 22.68 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	5.8	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): BG0





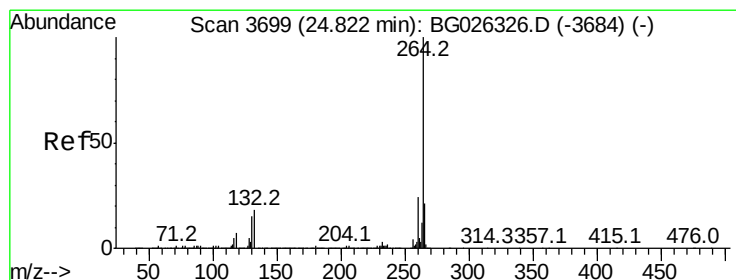
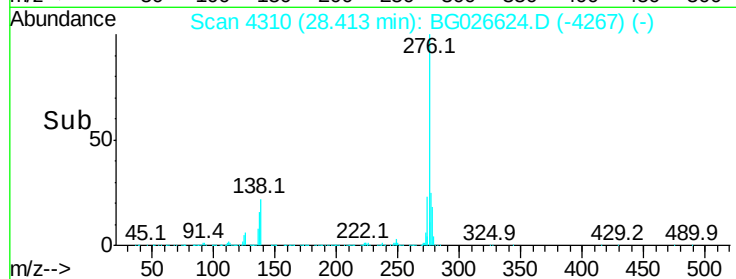
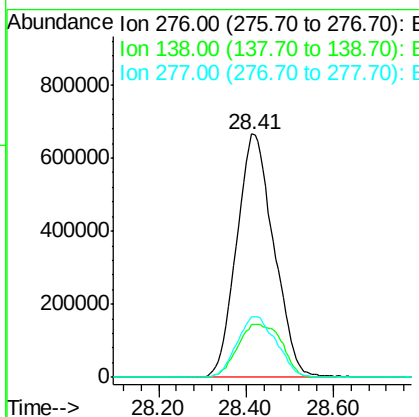
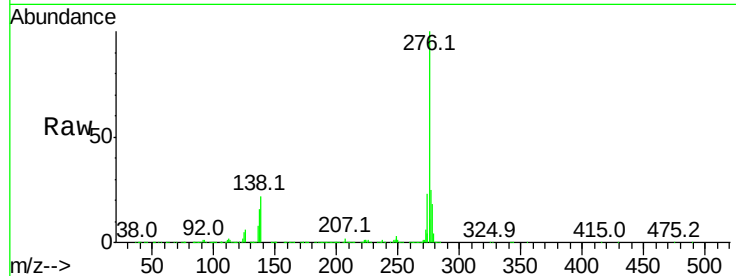
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.81 ng
RT: 28.41 min Scan# 4310
Delta R.T. -0.05 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion:276 Resp: 3835208
Ion Ratio Lower Upper
276 100
138 26.0 4.7 7.1#
277 26.4 20.6 31.0

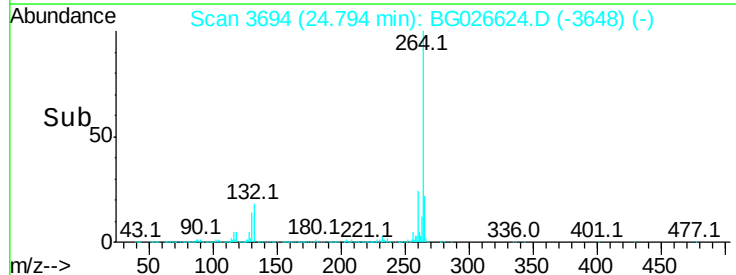
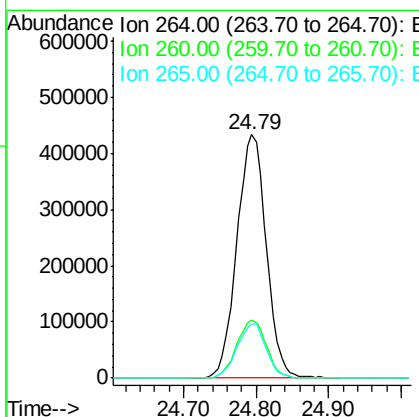
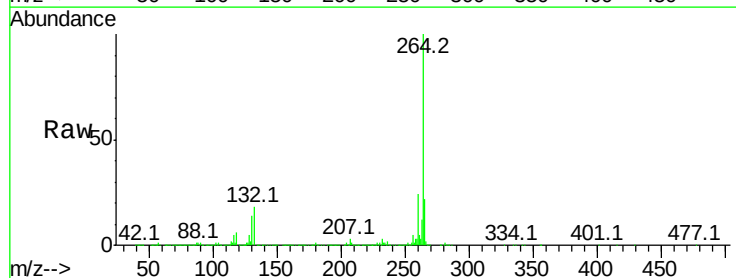
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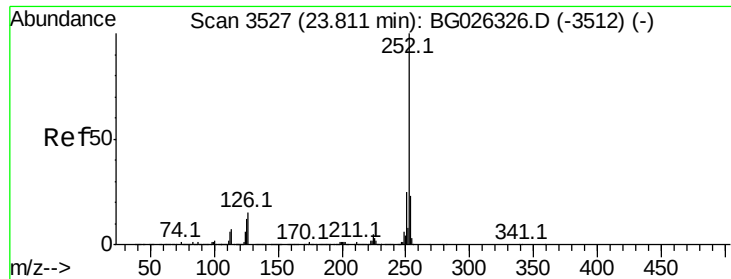
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.03 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Tgt Ion:264 Resp: 1219874
Ion Ratio Lower Upper
264 100
260 23.9 21.8 32.8
265 22.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 43.34 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.02 min

Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Instrument :

BNA_G

ClientSampleId :

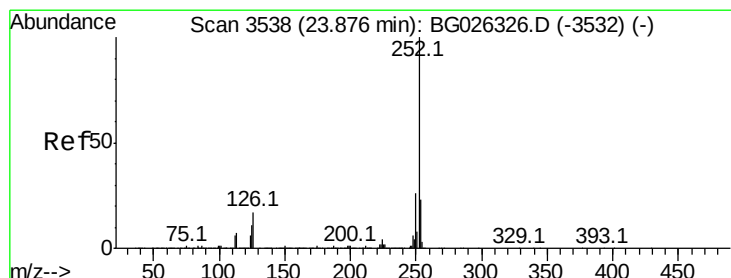
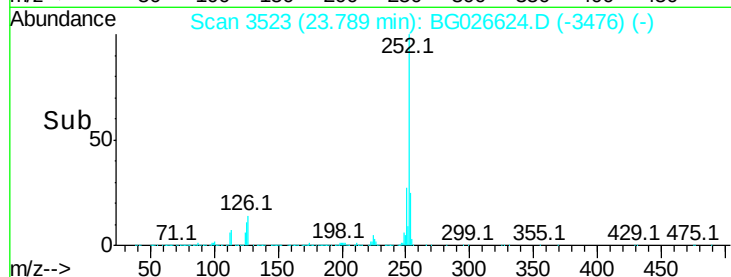
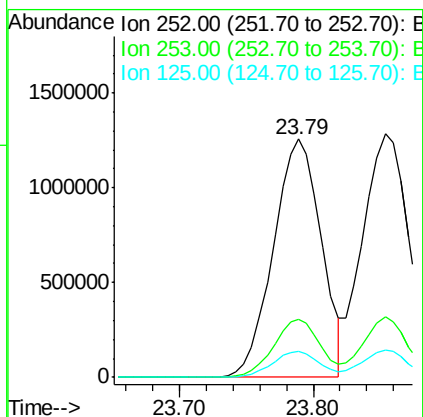
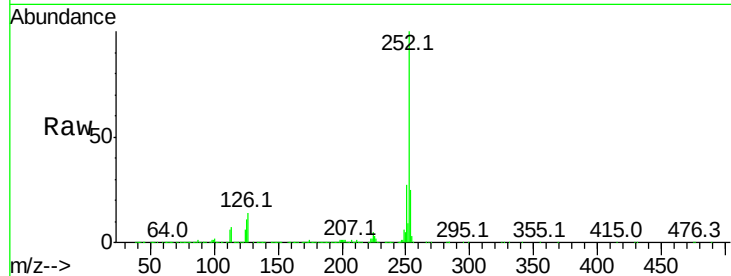
PB98180BS

Tot Ion:252 Resp: 3116735

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	11.1	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 44.45 ng

RT: 23.85 min Scan# 3534

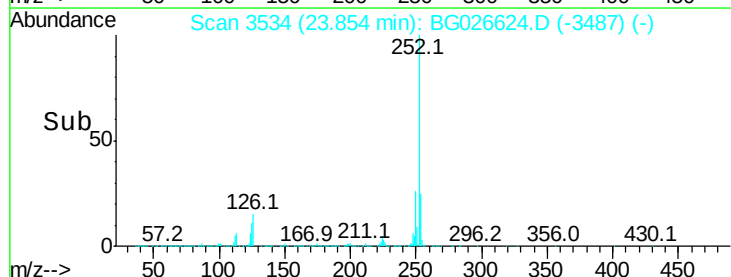
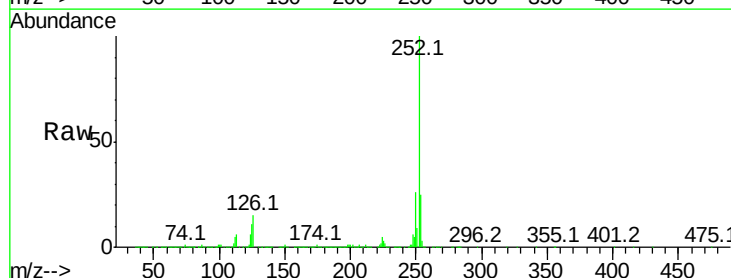
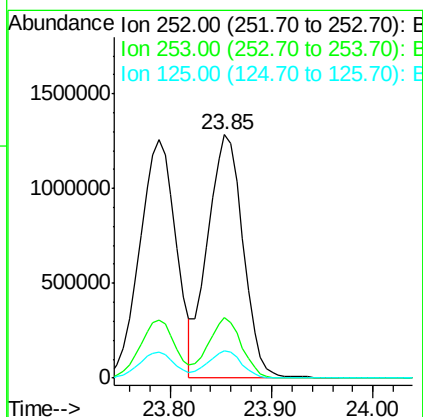
Delta R.T. -0.02 min

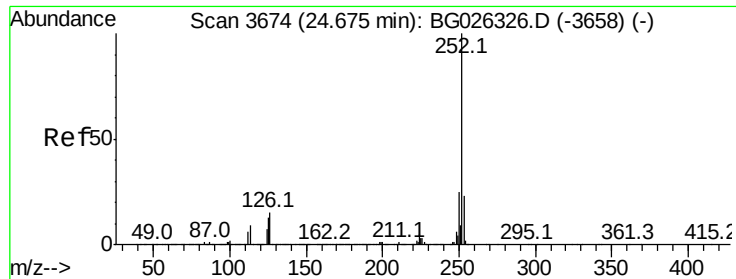
Lab File: BG026624.D

Acq: 11 Apr 2017 19:47

Tgt Ion:252 Resp: 3099903

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.2	30.2
125	11.2	5.1	7.7#





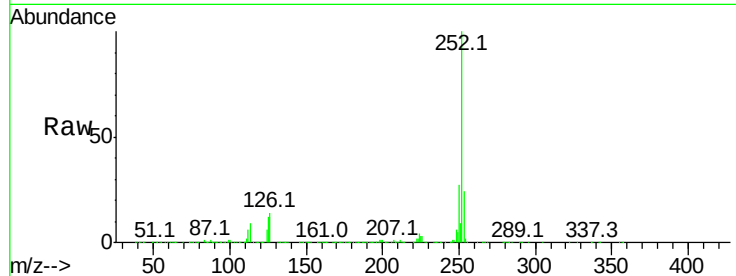
#89
Benzo(a)pyrene
Concen: 44.79 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.03 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

Instrument :
BNA_G
ClientSampleId :
PB98180BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	11.7	5.4	8.0

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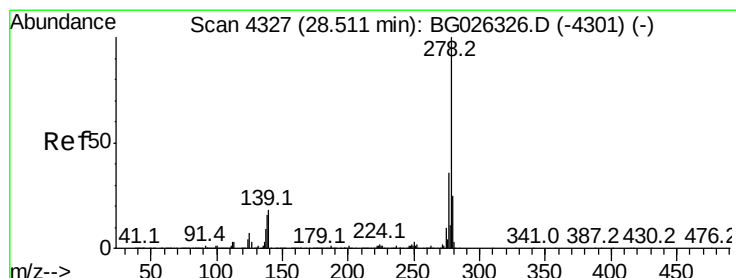
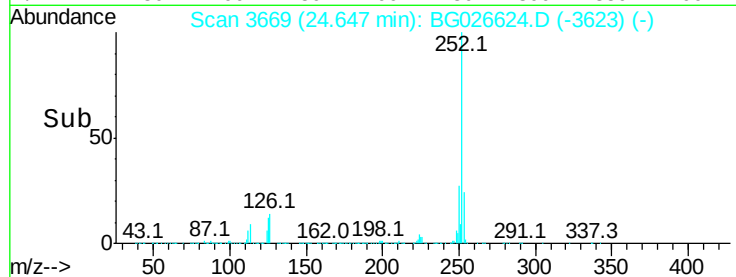
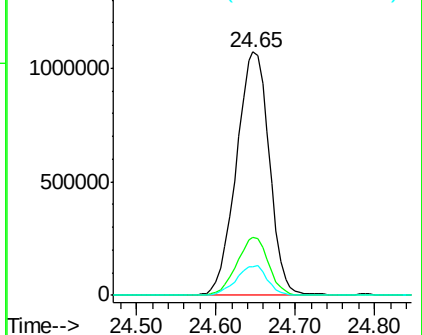


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 46.31 ng
RT: 28.47 min Scan# 4319
Delta R.T. -0.05 min
Lab File: BG026624.D
Acq: 11 Apr 2017 19:47

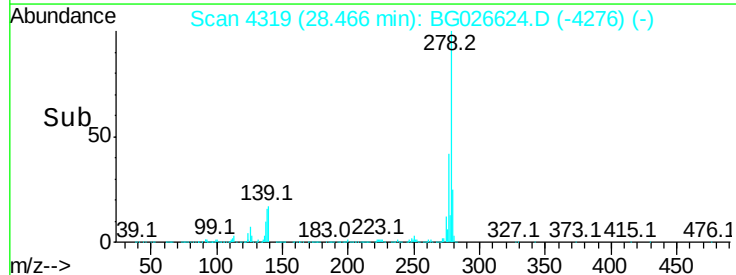
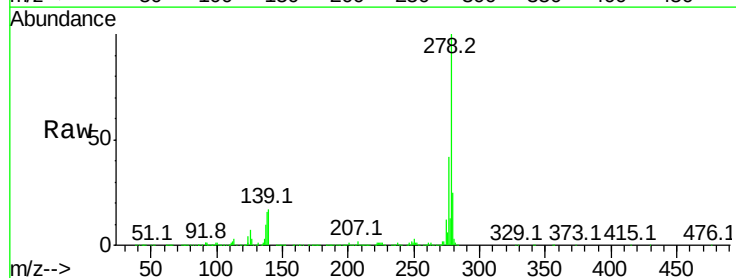
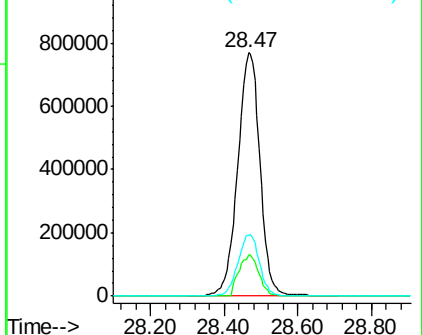
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	7.7	11.5
279	24.7	19.1	28.7

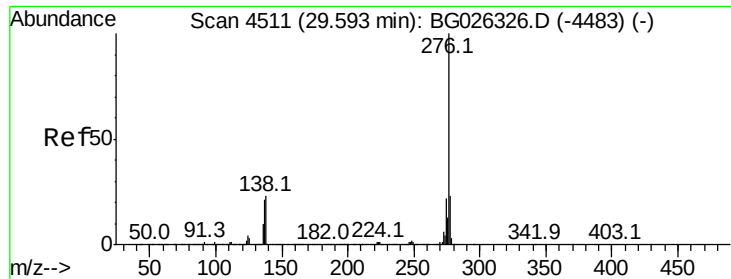
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.38 ng
 RT: 29.55 min Scan# 4503
 Delta R.T. -0.05 min
 Lab File: BG026624.D
 Acq: 11 Apr 2017 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	27.8
138	22.0	8.1	12.1

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