

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026373.D
 Acq On : 22 Mar 2017 12:01
 Operator : SJ/MA
 Sample : I2304-11MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Manual Integrations
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 3/23/2017 2:06:54 PM

Quant Time: Mar 22 19:14:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	142786	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	645738	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	376962	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	821747	20.00	ng	0.00
75) Chrysene-d12	21.64	240	868717	20.00	ng	0.00
86) Perylene-d12	24.83	264	854060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1174636	146.01	ng	0.00
7) Phenol-d6	7.21	99	1610040	149.07	ng	0.00
23) Nitrobenzene-d5	9.21	82	883575	82.27	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	613340	142.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2234137	83.11	ng	0.00
78) Terphenyl-d14	19.99	244	2652026	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	117702	32.60	ng	# 72
3) Pyridine	3.90	79	364575	36.87	ng	# 62
4) n-Nitrosodimethylamine	3.81	42	110084	40.73	ng	# 1
6) Aniline	7.37	93	249064	17.26	ng	# 89
8) 2-Chlorophenol	7.62	128	482887	53.31	ng	# 81
9) Benzaldehyde	7.18	77	190545	26.13	ng	# 69
10) Phenol	7.24	94	707121	61.35	ng	# 70
11) bis(2-Chloroethyl)ether	7.47	93	435718	46.10	ng	# 82
12) 1,3-Dichlorobenzene	7.94	146	497408	46.13	ng	# 84
13) 1,4-Dichlorobenzene	8.08	146	506430m	46.43	ng	
14) 1,2-Dichlorobenzene	8.41	146	487859	46.73	ng	# 89
15) Benzyl Alcohol	8.28	79	375433	53.02	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.58	45	438794	41.81	ng	# 81
17) 2-Methylphenol	8.49	107	425805	52.02	ng	# 80
18) Hexachloroethane	9.13	117	165447	46.38	ng	# 93
19) n-Nitroso-di-n-propylamine	8.85	70	322196	46.41	ng	# 70
20) 3+4-Methylphenols	8.82	107	596928	52.97	ng	# 86
22) Acetophenone	8.87	105	694842	46.79	ng	# 73
24) Nitrobenzene	9.25	77	469818	44.31	ng	# 73
25) Isophorone	9.77	82	931232	46.01	ng	# 88
26) 2-Nitrophenol	9.96	139	287228	52.06	ng	# 61
27) 2,4-Dimethylphenol	10.02	122	485256	53.58	ng	# 85
28) bis(2-Chloroethoxy)methane	10.25	93	614236	46.71	ng	# 98
29) 2,4-Dichlorophenol	10.50	162	510252	55.71	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	512766	49.84	ng	# 100
31) Naphthalene	10.90	128	1490611	45.66	ng	# 100
32) Benzoic acid	10.10	122	60781	8.72	ng	# 63
33) 4-Chloroaniline	11.00	127	164736	12.41	ng	# 83
34) Hexachlorobutadiene	11.18	225	290725	47.89	ng	# 98
35) Caprolactam	11.77	113	169736m	47.03	ng	
36) 4-Chloro-3-methylphenol	12.12	107	504552	51.50	ng	# 74
37) 2-Methylnaphthalene	12.49	142	1164923	48.71	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	545991	48.14	ng	# 97
40) Hexachlorocyclopentadiene	12.85	237	332993	55.78	ng	# 94

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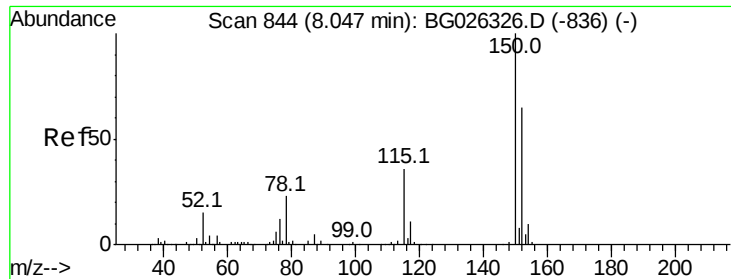
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Quant Time: Mar 22 19:14:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	400181	53.89	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	411949	50.19	nq	# 92
45) 1,1'-Biphenyl	13.49	154	1446085	46.32	nq	100
46) 2-Chloronaphthalene	13.54	162	1095805	48.06	nq	96
47) 2-Nitroaniline	13.73	65	303482	46.80	nq	# 56
48) Acenaphthylene	14.38	152	1729372	43.51	nq	99
49) Dimethylphthalate	14.11	163	1565170	55.01	nq	98
50) 2,6-Dinitrotoluene	14.23	165	326404	49.15	nq	# 58
51) Acenaphthene	14.72	154	1118109	45.68	nq	98
52) 3-Nitroaniline	14.55	138	194747	26.63	nq	# 66
53) 2,4-Dinitrophenol	14.76	184	85072	22.08	nq	# 77
54) Dibenzofuran	15.05	168	1675843	48.63	nq	90
55) 4-Nitrophenol	14.86	139	503747	84.13	nq	# 40
56) 2,4-Dinitrotoluene	15.02	165	452727	48.47	nq	# 68
57) Fluorene	15.70	166	1356620	44.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	358832	50.12	nq	98
59) Diethylphthalate	15.46	149	1324863	45.56	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	668424	45.99	nq	90
61) 4-Nitroaniline	15.71	138	330481	42.73	nq	# 50
62) Azobenzene	15.98	77	1107707	46.85	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	168034	32.43	nq	84
65) n-Nitrosodiphenylamine	15.90	169	1202552	49.86	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	435063	51.44	nq	94
67) Hexachlorobenzene	16.70	284	444091	49.22	nq	92
68) Atrazine	16.84	200	438753	48.06	nq	98
69) Pentachlorophenol	17.04	266	490893	83.68	nq	97
70) Phenanthrene	17.43	178	2007497	45.49	nq	99
71) Anthracene	17.52	178	2054441	45.63	nq	99
72) Carbazole	17.79	167	1947693	42.02	nq	97
73) Di-n-butylphthalate	18.33	149	2117617	44.46	nq	# 95
74) Fluoranthene	19.43	202	2208715	42.56	nq	96
76) Benzidine	19.60	184	243662	8.14	nq	97
77) Pyrene	19.79	202	2229185	44.32	nq	99
79) Butylbenzylphthalate	20.67	149	996069	49.49	nq	# 83
80) Benzo(a)anthracene	21.62	228	2178399	44.56	nq	99
81) 3,3'-Dichlorobenzidine	21.53	252	259989	12.99	nq	# 98
82) Chrysene	21.68	228	2012551	43.09	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1455010	47.86	nq	97
84) Di-n-octyl phthalate	22.71	149	2431170	46.86	nq	# 82
85) Indeno(1,2,3-cd)pyrene	28.46	276	2634375	45.68	nq	# 88
87) Benzo(b)fluoranthene	23.82	252	2276426	45.22	nq	# 96
88) Benzo(k)fluoranthene	23.89	252	2149879	44.03	nq	# 94
89) Benzo(a)pyrene	24.68	252	2151270	44.55	nq	# 95
90) Dibenzo(a,h)anthracene	28.52	278	2197314	45.02	nq	# 92
91) Benzo(g,h,i)perylene	29.62	276	2173624	44.20	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

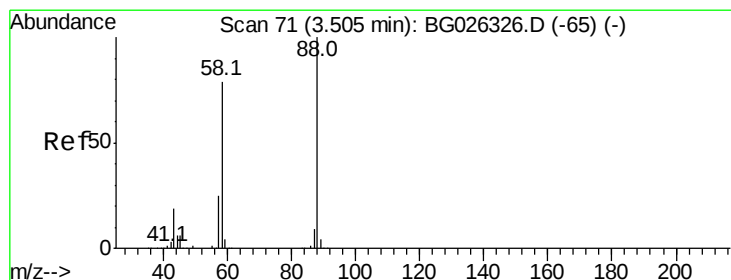
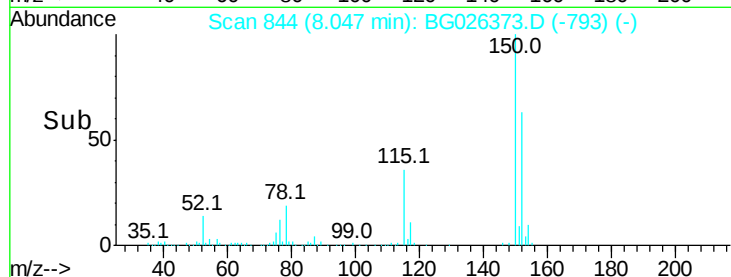
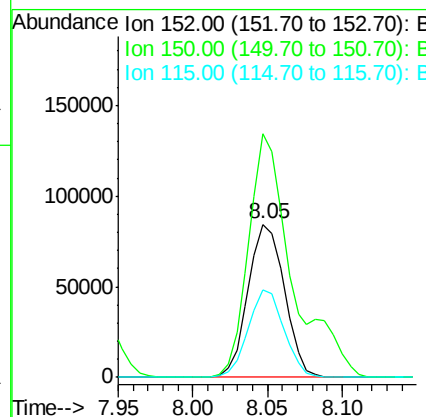
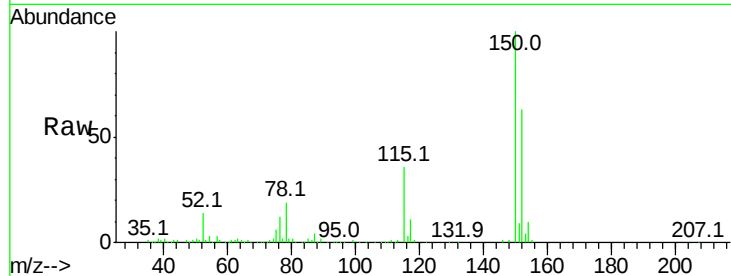
ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	114.0	171.0
115	57.2	48.1	72.1

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#2

1,4-Dioxane

Concen: 32.60 ng

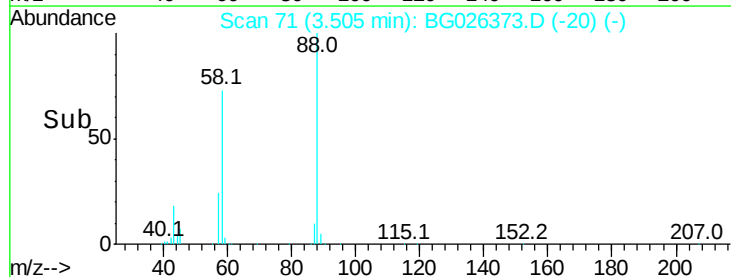
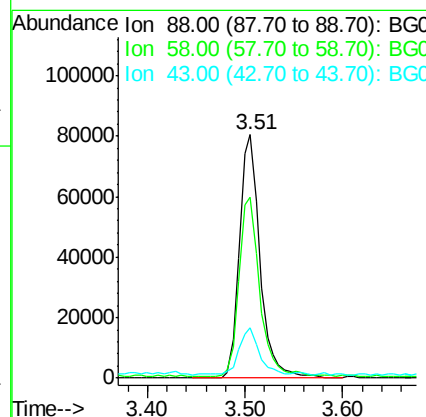
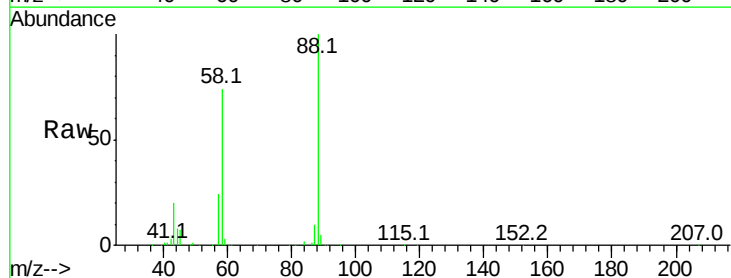
RT: 3.51 min Scan# 71

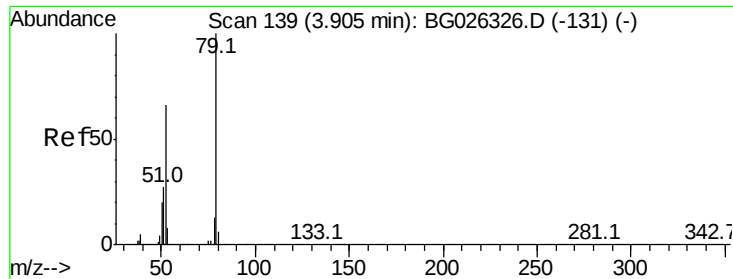
Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	79.4	119.2#
43	18.3	33.8	50.6#





#3

Pvridine

Concen: 36.87 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

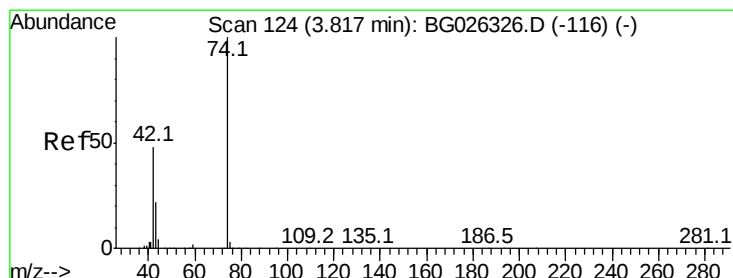
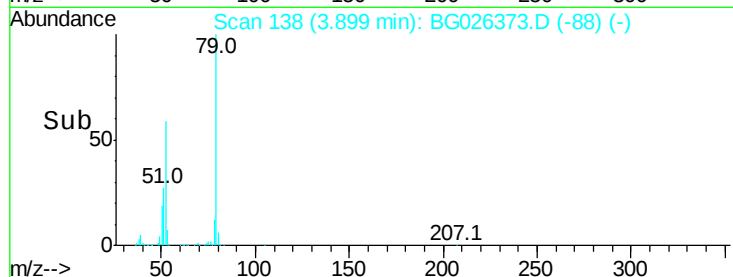
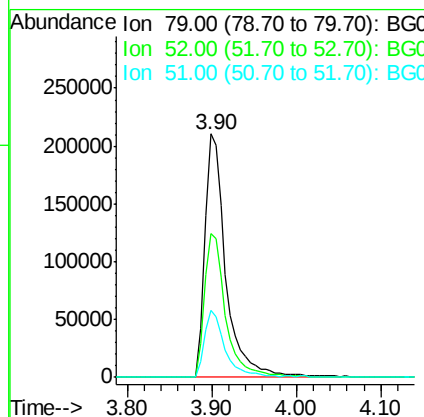
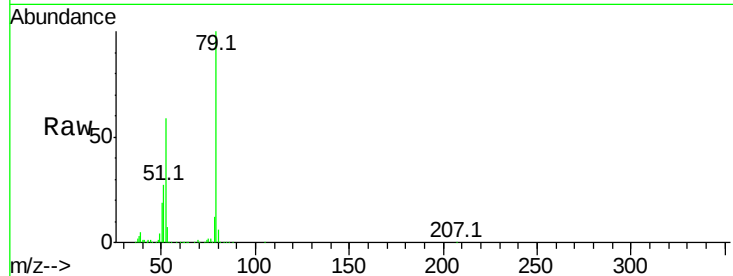
ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.9	77.8	116.6#
51	27.3	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 40.73 ng

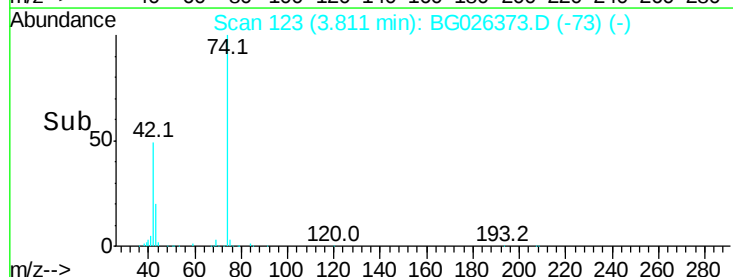
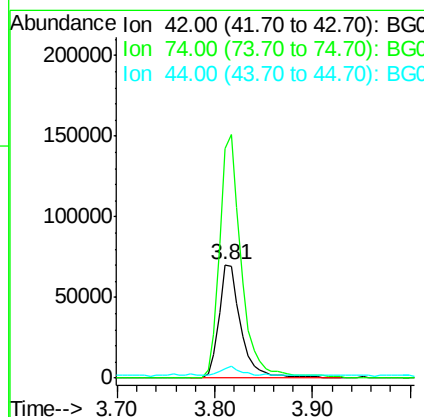
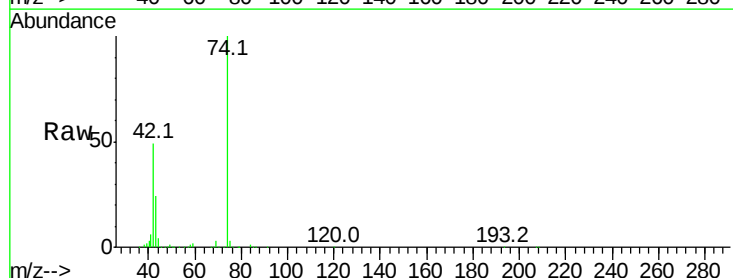
RT: 3.81 min Scan# 123

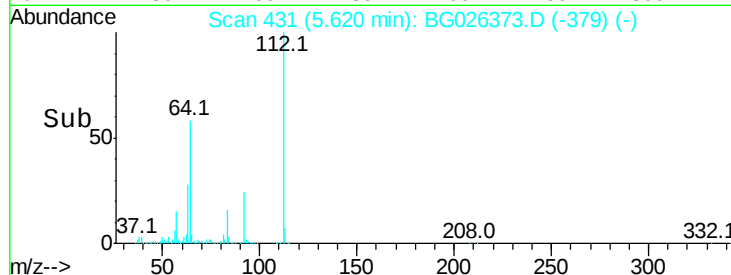
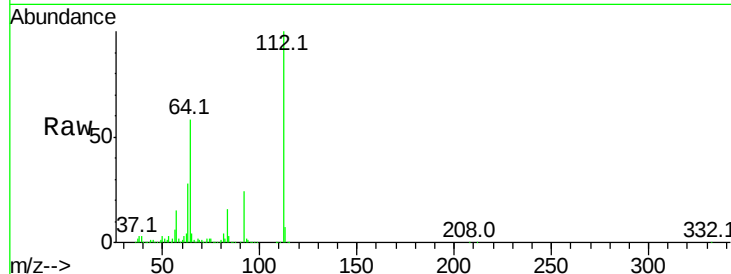
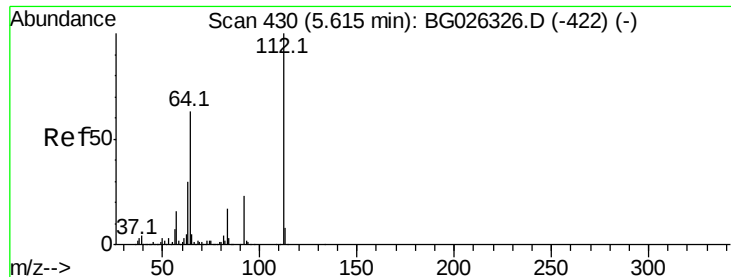
Delta R.T. -0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	202.5	76.7	115.1#
44	8.8	6.1	9.1





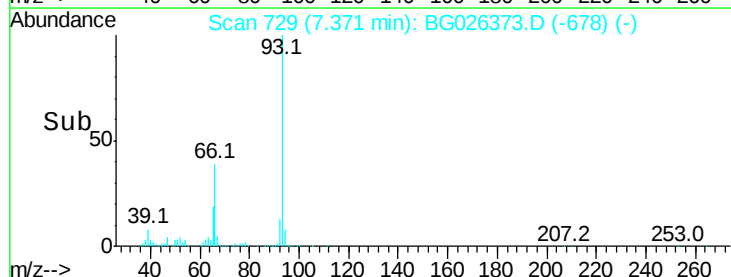
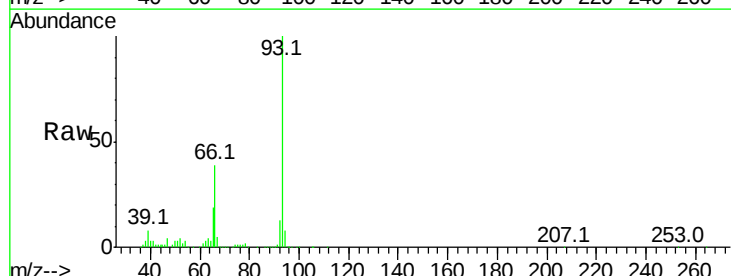
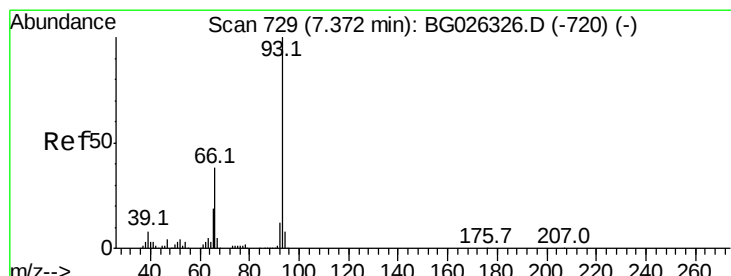
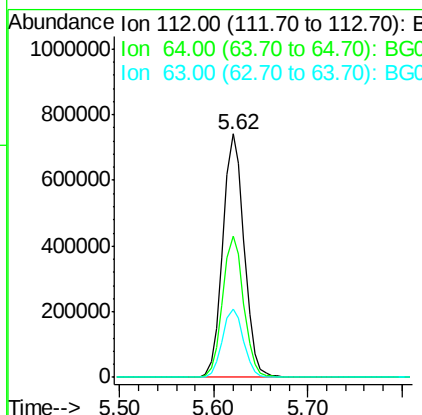
#5
2-Fluorophenol
Concen: 146.01 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tot Ion	Ratio	Lower	Upper
112	100		
64	58.1	61.8	92.6#
63	28.3	37.2	55.8#

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

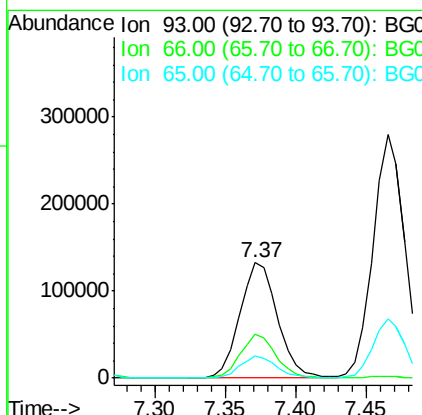
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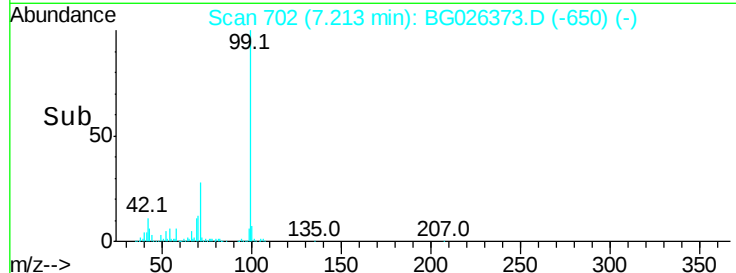
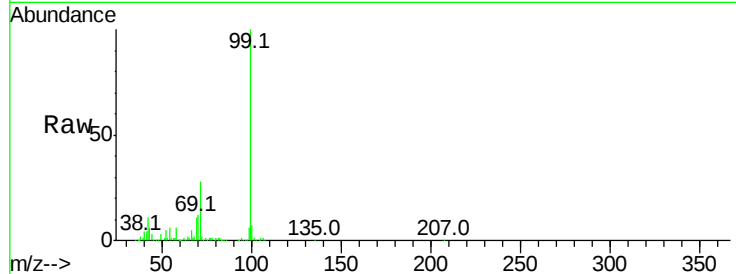
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#6
Aniline
Concen: 17.26 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.5	35.4	53.2
65	19.0	21.2	31.8#





#7

Phenol-d6

Concen: 149.07 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tot Ion:	99	Resp:	1610040
Ion	Ratio	Lower	Upper
99	100		
42	11.0	20.5	30.7#
71	27.8	37.6	56.4#

Instrument :

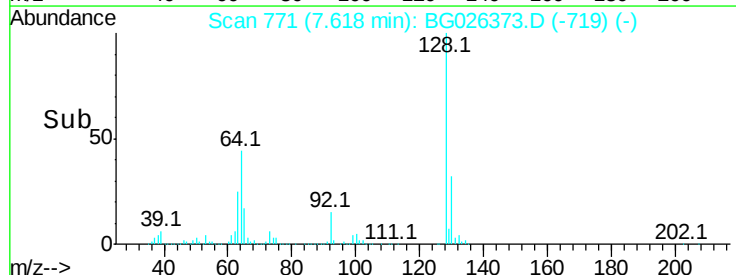
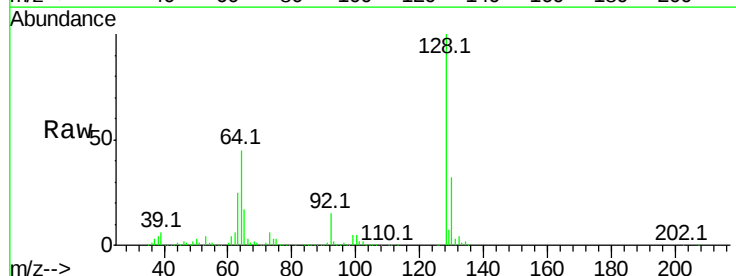
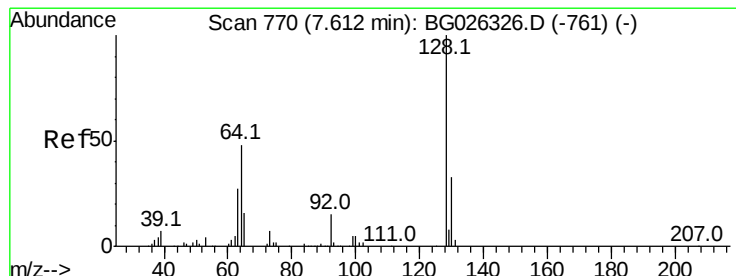
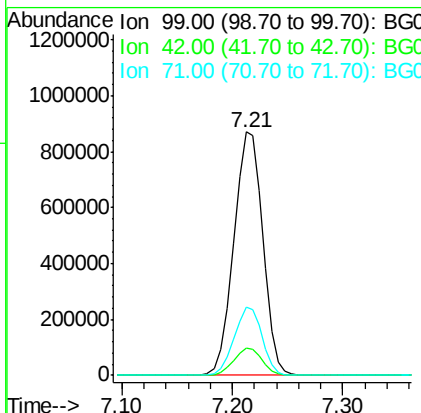
BNA_G

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SPA-B6(0-5)MSD

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#8

2-Chlorophenol

Concen: 53.31 ng

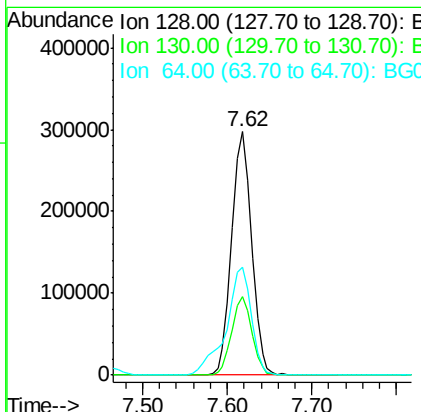
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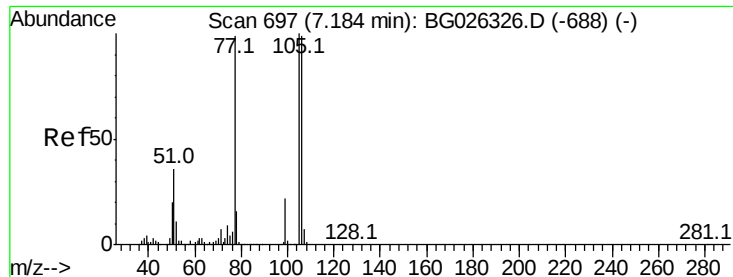
Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion:	128	Resp:	482887
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.4	51.4
64	44.5	46.6	86.6#





#9

Benzaldehyde

Concen: 26.13 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

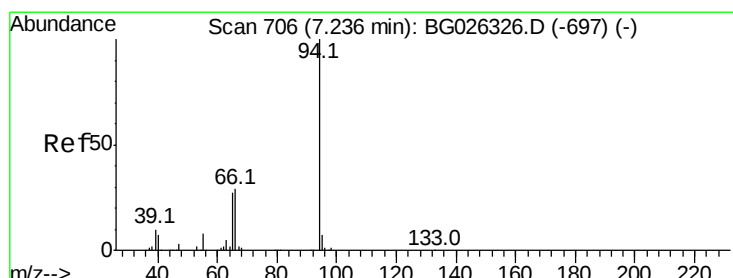
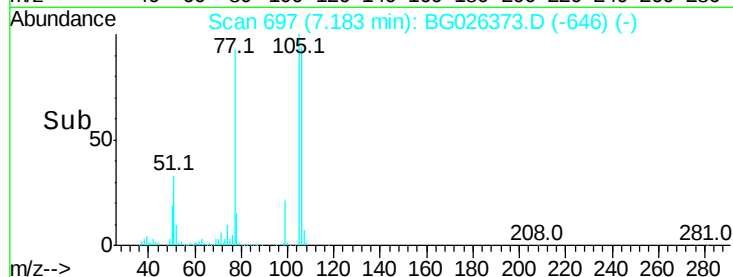
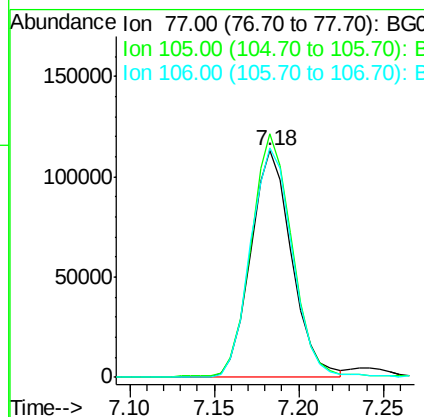
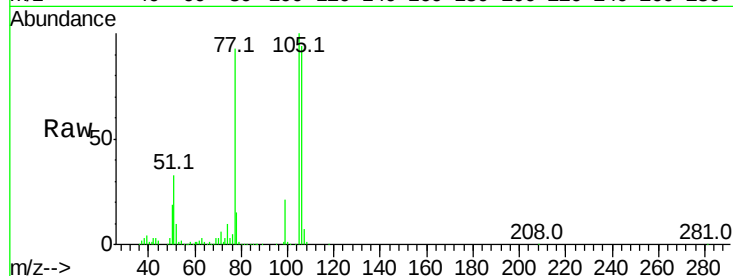
ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.6	60.9	100.9#
106	101.6	55.1	95.1#

Manual Integrations
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#10

Phenol

Concen: 61.35 ng

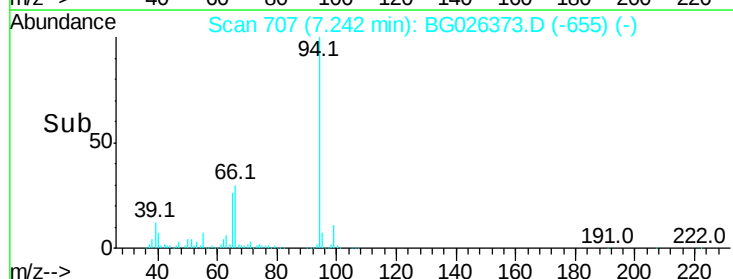
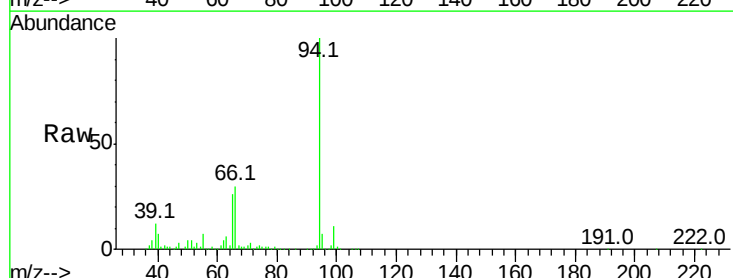
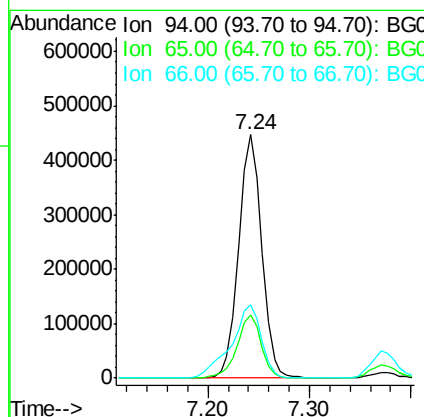
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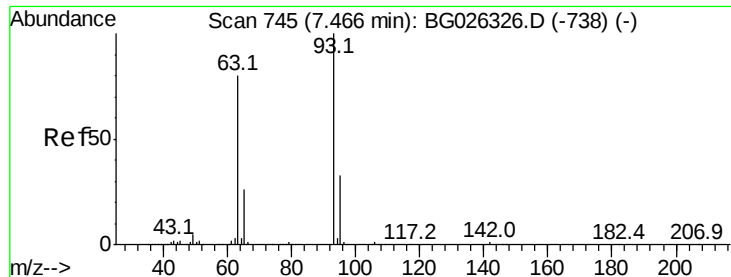
Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.1	20.6	60.6
66	30.3	35.5	75.5#





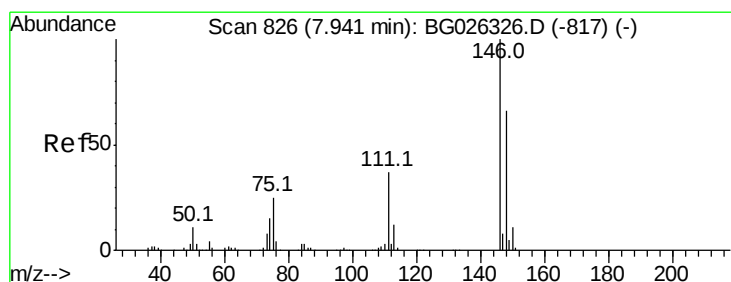
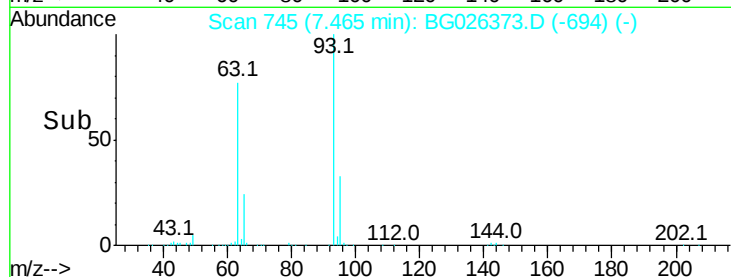
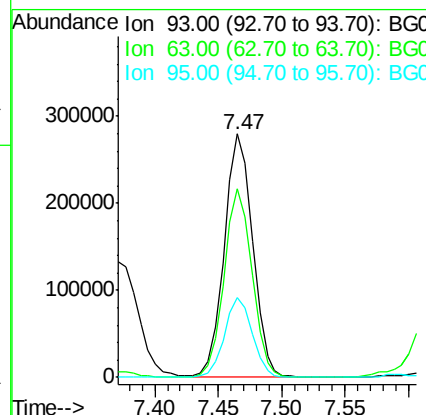
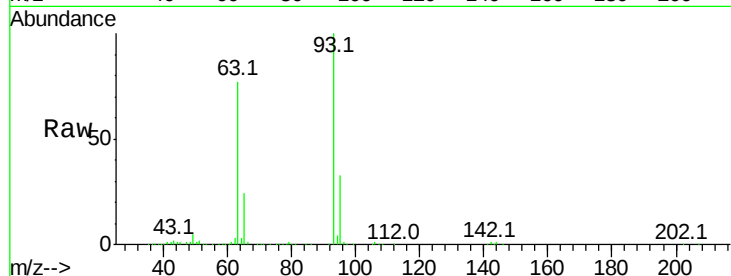
#11
bis(2-Chloroethyl)ether
Concen: 46.10 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	435718		
63	77.3		78.5	118.5#
95	33.0		9.8	49.8

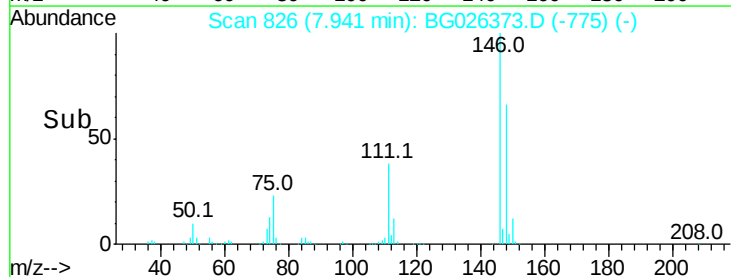
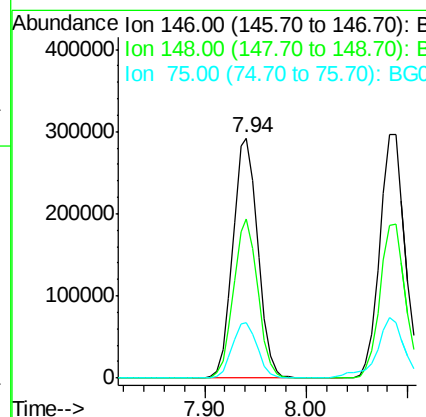
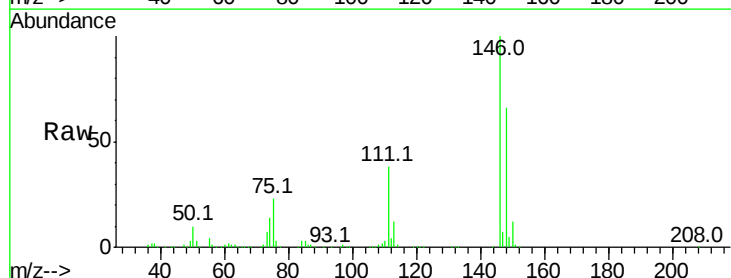
Manual Integrations
APPROVED

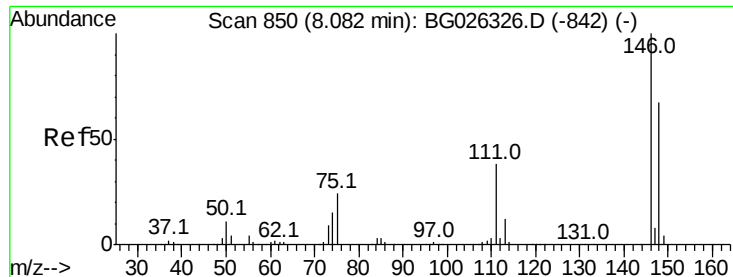
mohammad
3/23/2017 2:06:54 PM



#12
1,3-Dichlorobenzene
Concen: 46.13 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	497408		
148	66.3		49.2	73.8
75	23.3		33.4	50.2#





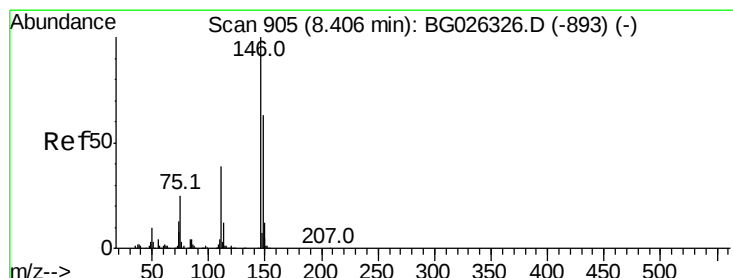
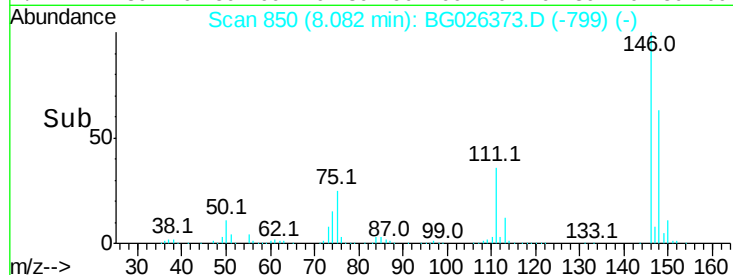
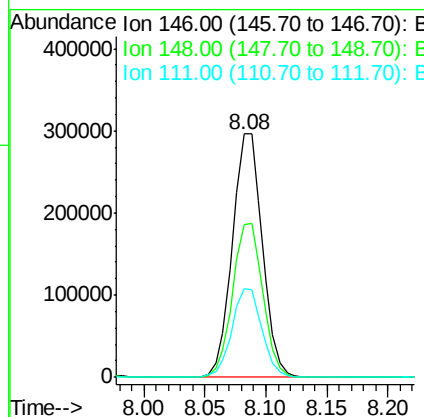
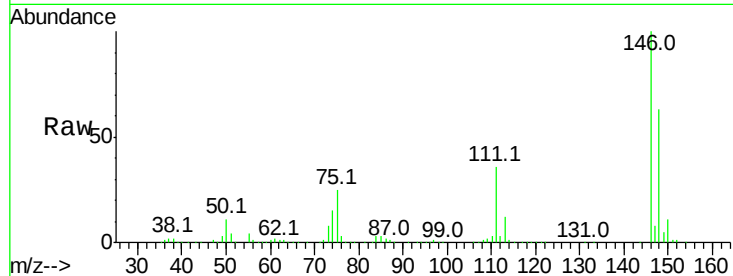
#13
 1,4-Dichlorobenzene
 Concen: 46.43 ng/ml
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.2
111	36.2	37.0	55.6

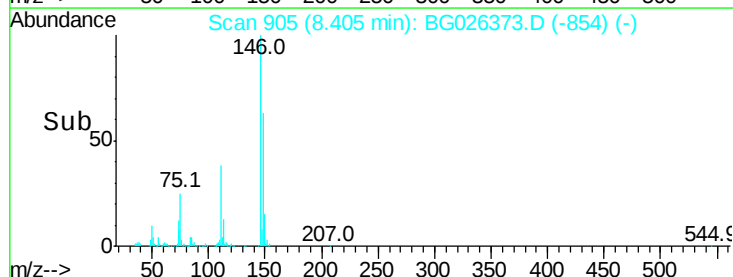
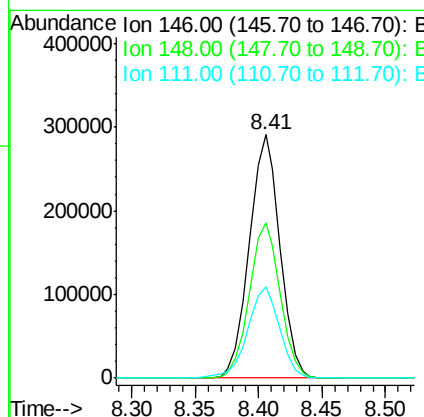
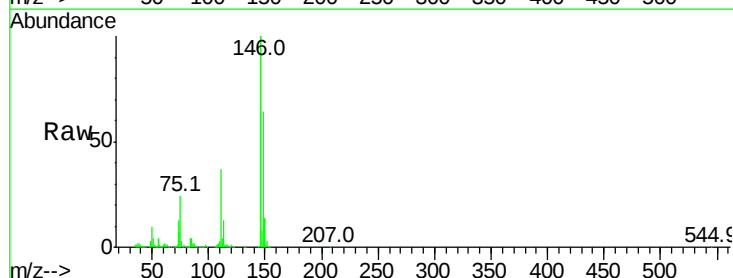
Manual Integrations
 APPROVED

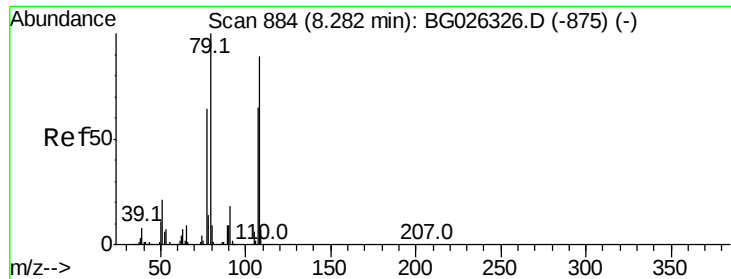
mohammad
 3/23/2017 2:06:54 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.73 ng/ml
 RT: 8.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.6	81.8
111	37.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 53.02 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

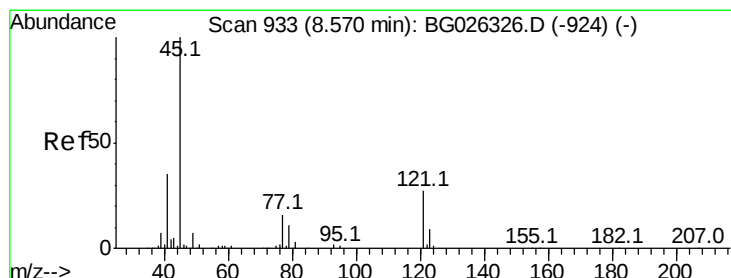
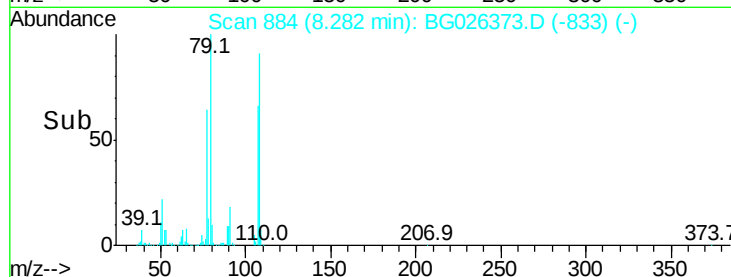
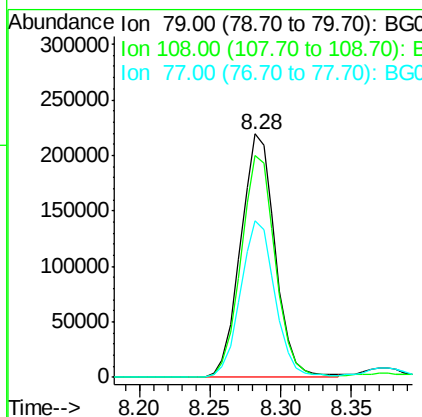
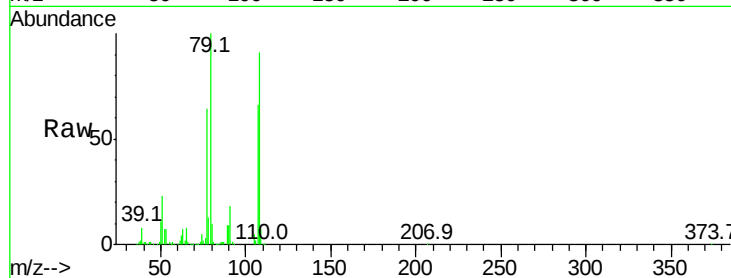
ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	91.0	45.5	68.3#
77	64.1	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.81 ng

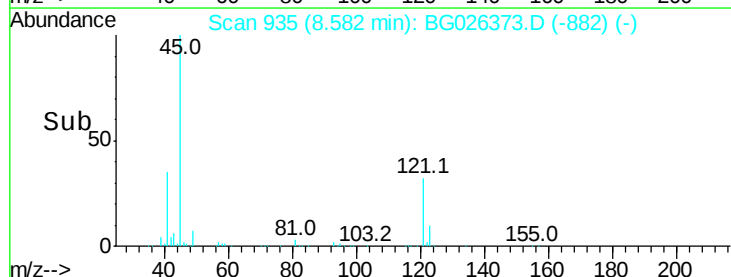
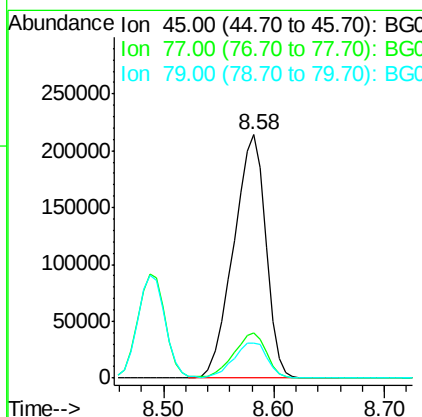
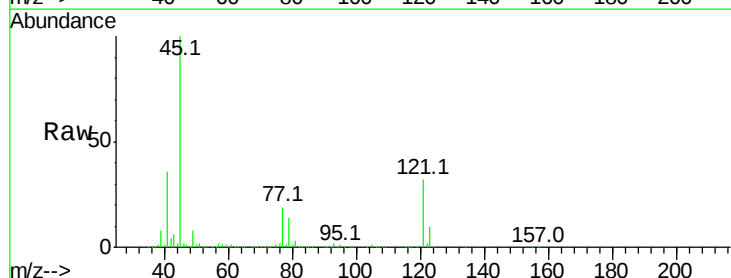
RT: 8.58 min Scan# 935

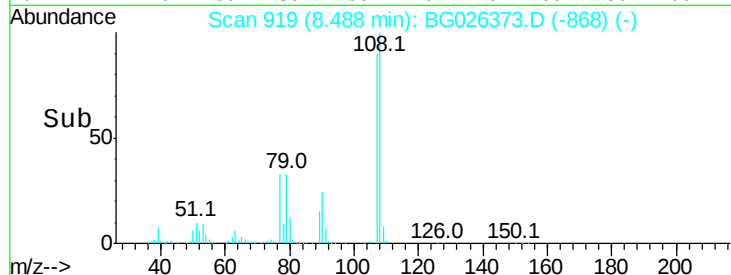
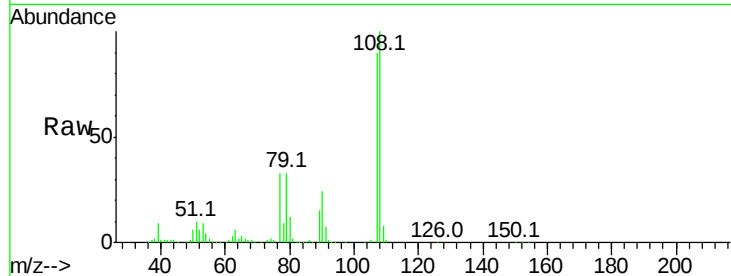
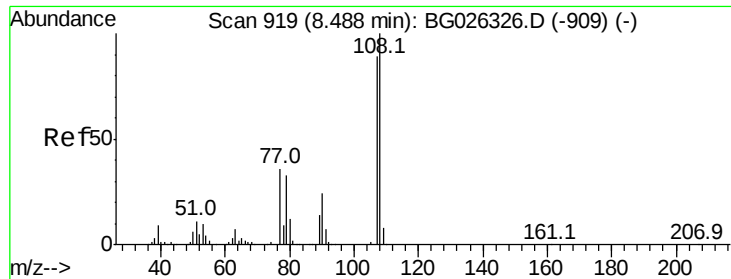
Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	30.6
79	14.3	0.0	28.5





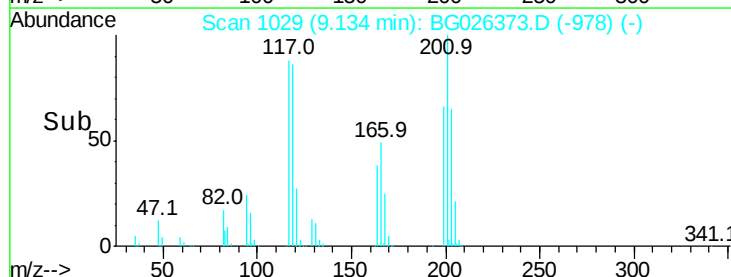
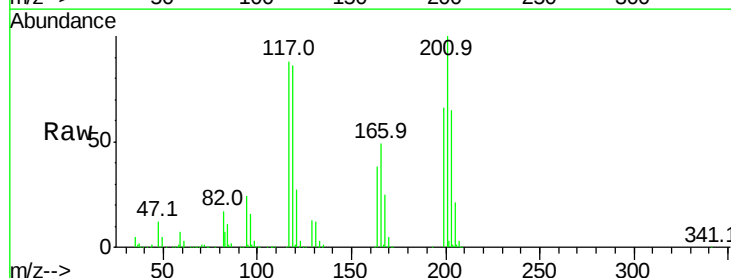
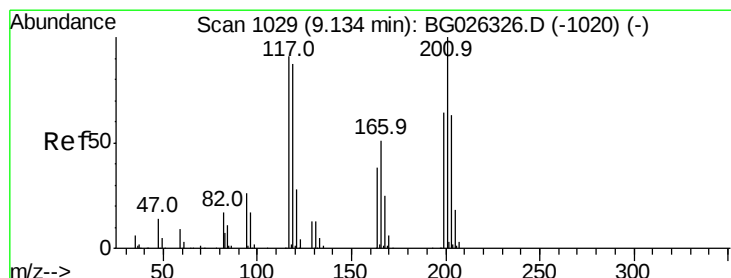
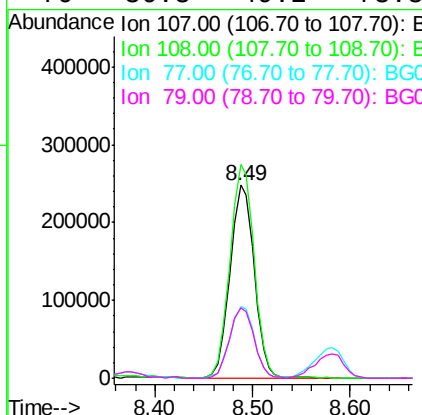
#17
2-Methylphenol
Concen: 52.02 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	110.7	85.6	128.4
77	36.9	51.4	77.2#
79	36.3	49.2	73.8#

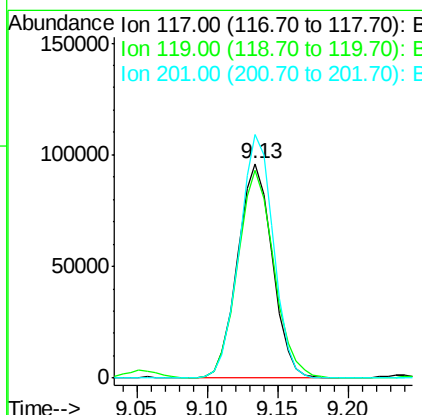
Manual Integrations
APPROVED

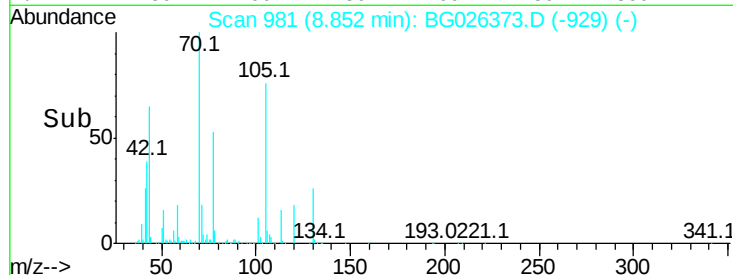
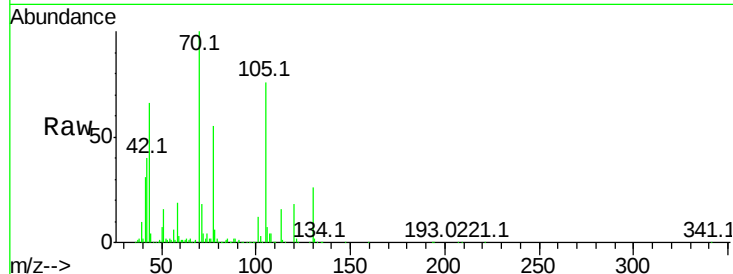
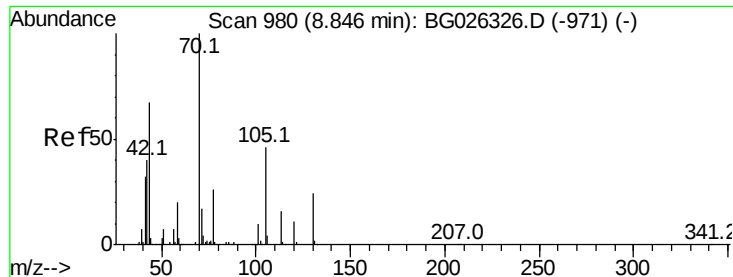
mohammad
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#18
Hexachloroethane
Concen: 46.38 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	97.1	69.8	104.6
201	113.5	95.4	143.0





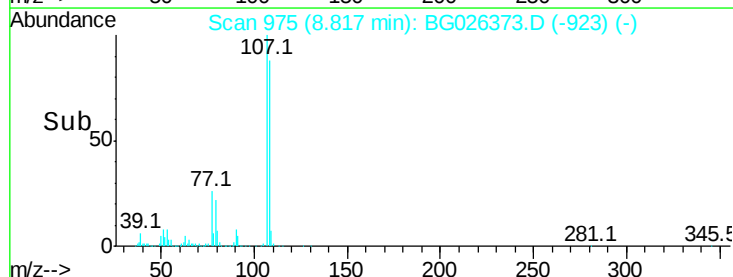
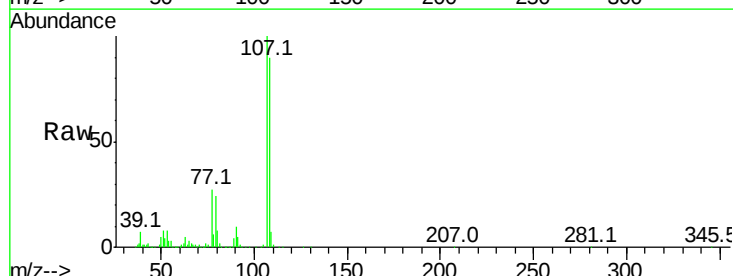
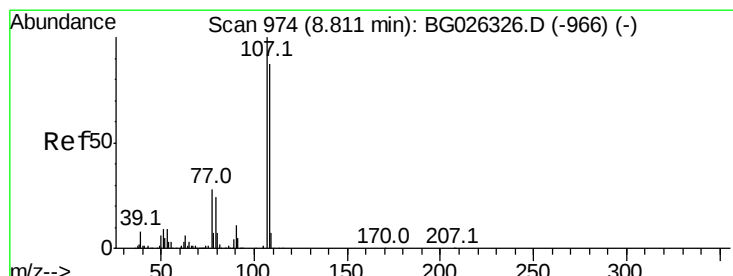
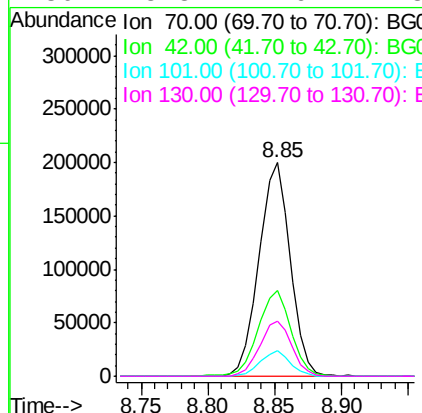
#19
n-Nitroso-di-n-propylamine
Concen: 46.41 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.9	56.1	84.1#
101	12.0	7.5	11.3#
130	25.8	14.6	21.8#

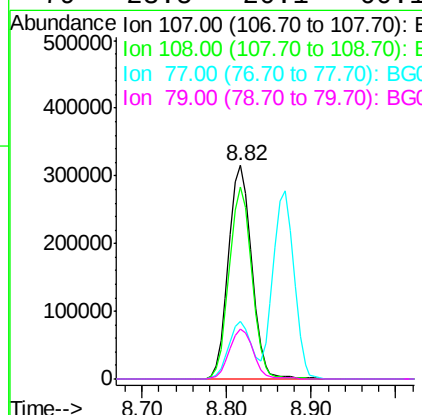
Manual Integrations
APPROVED

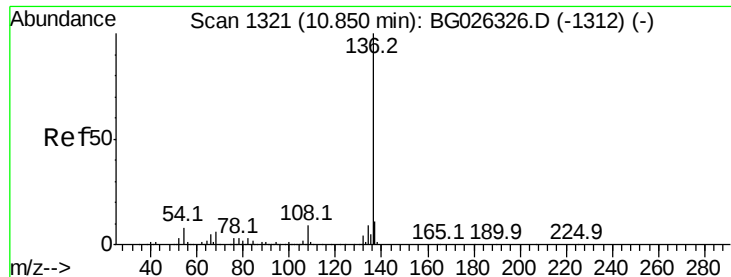
mohammad
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#20
3+4-Methylphenols
Concen: 52.97 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.8	110.8
77	27.0	25.8	65.8
79	23.5	20.1	60.1





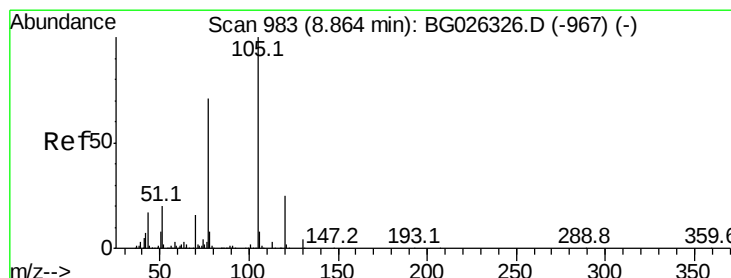
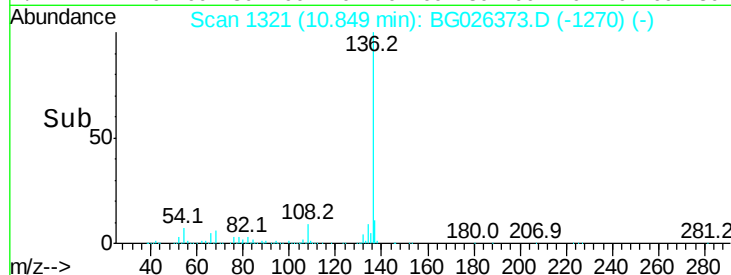
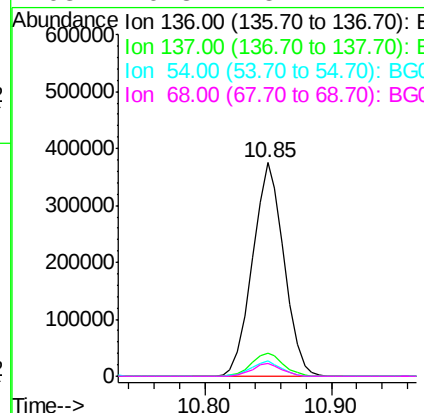
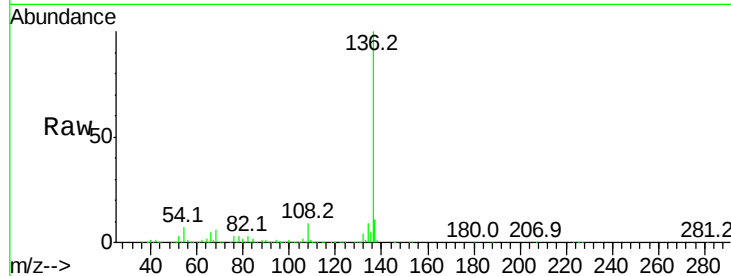
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.1	9.3	13.9	
68	6.3	5.1	7.7	

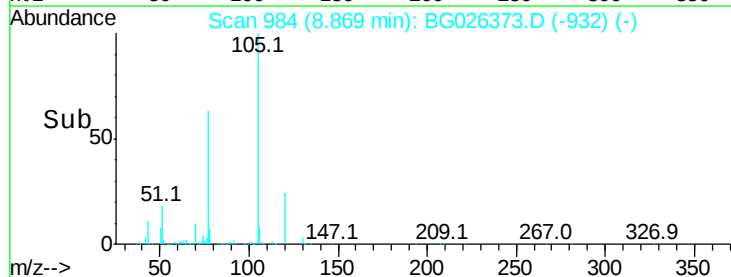
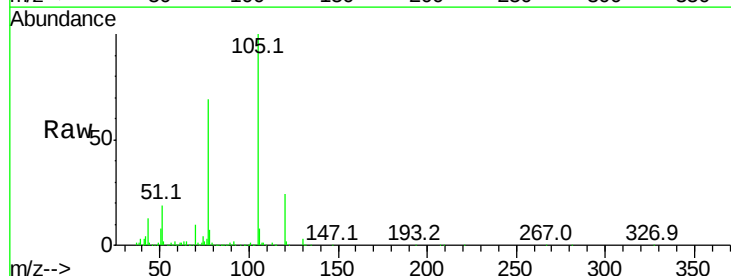
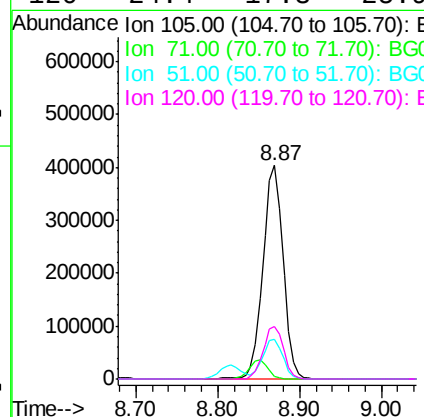
Manual Integrations
APPROVED

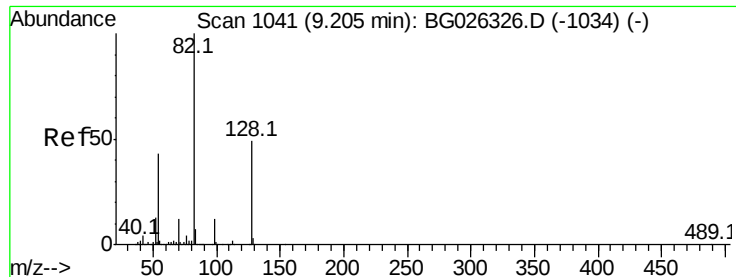
mohammad
3/23/2017 2:06:54 PM



#22
Acetophenone
Concen: 46.79 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	0.9	1.3	
51	18.6	34.0	51.0	
120	24.4	17.3	25.9	





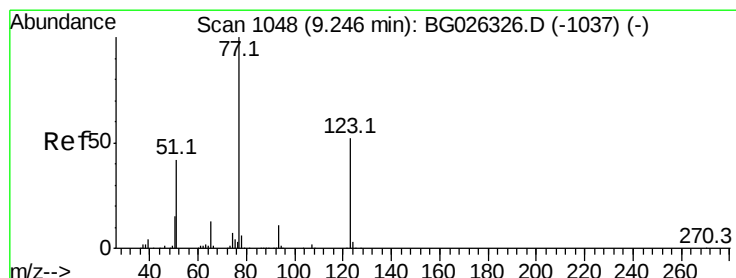
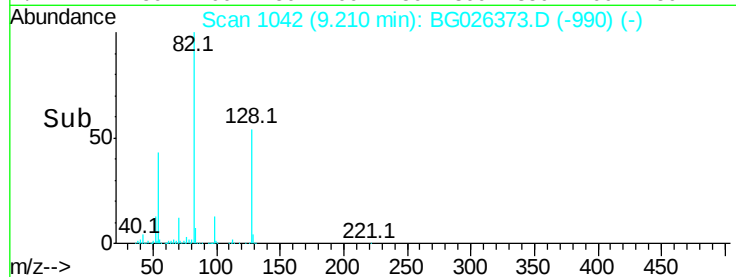
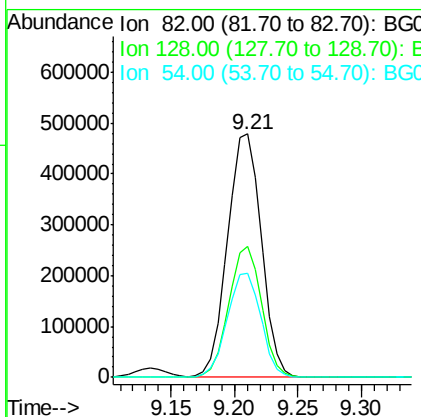
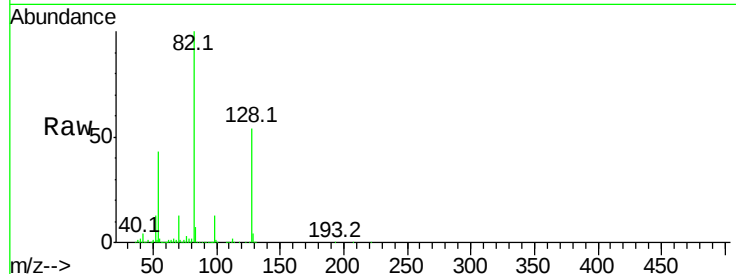
#23
 Nitrobenzene-d5
 Concen: 82.27 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.6	26.4	39.6#
54	42.7	49.4	74.2#

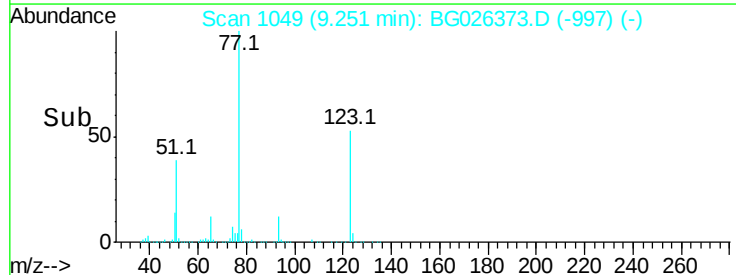
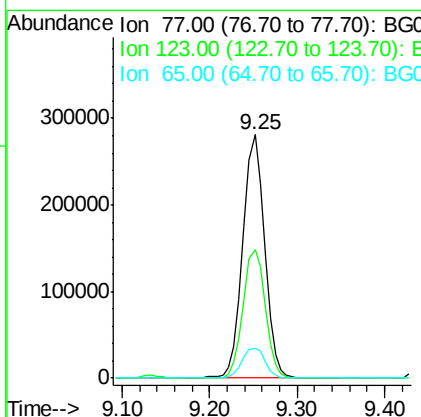
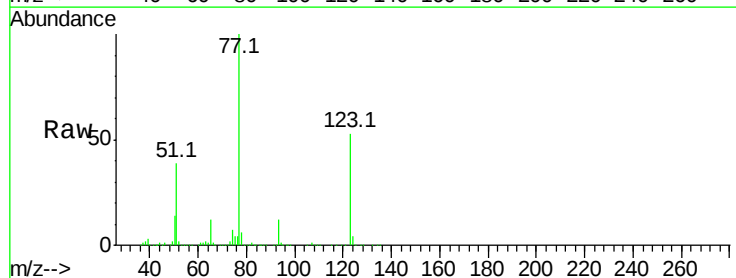
Manual Integrations
 APPROVED

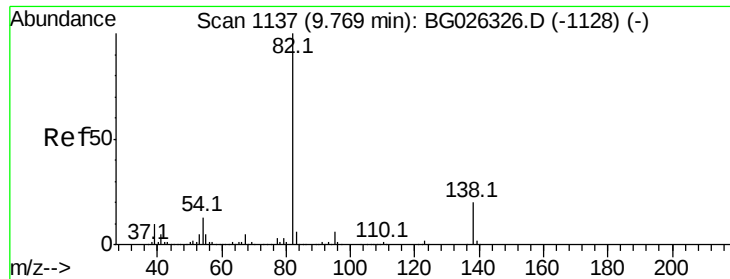
mohammad
 3/23/2017 2:06:54 PM



#24
 Nitrobenzene
 Concen: 44.31 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	26.1	39.1#
65	12.2	12.4	18.6#





#25

Isophorone

Concen: 46.01 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

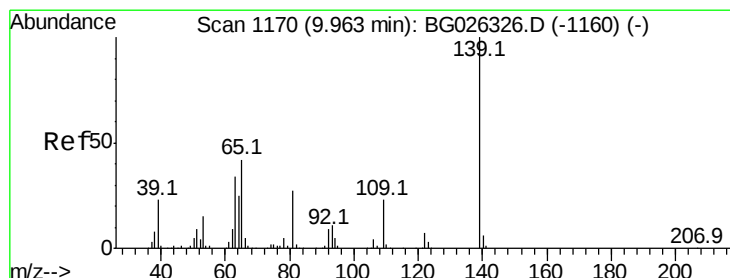
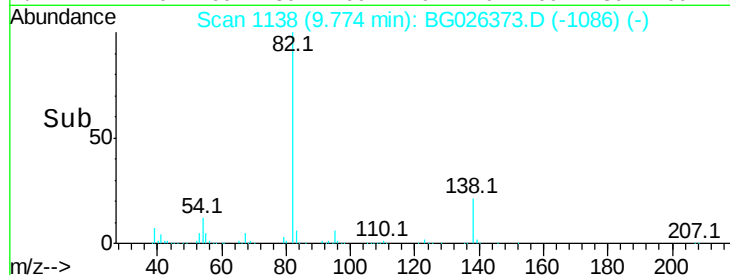
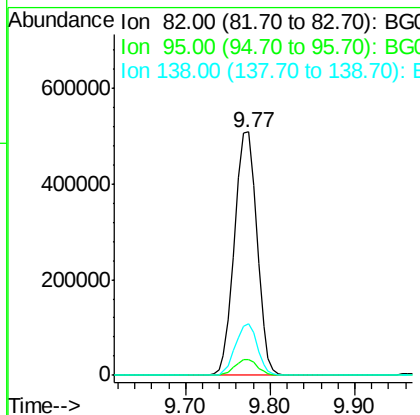
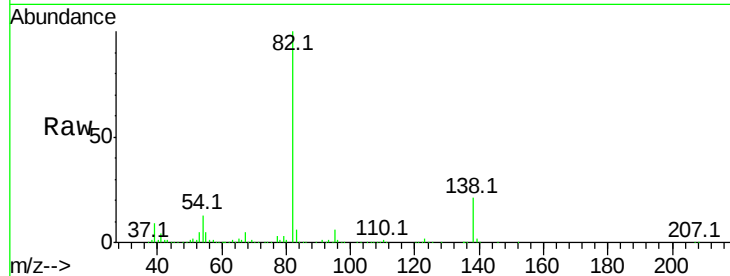
ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:	82	Resp:	931232
Ion Ratio	Lower	Upper	
82	100		
95	6.5	7.5	11.3#
138	21.1	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.06 ng

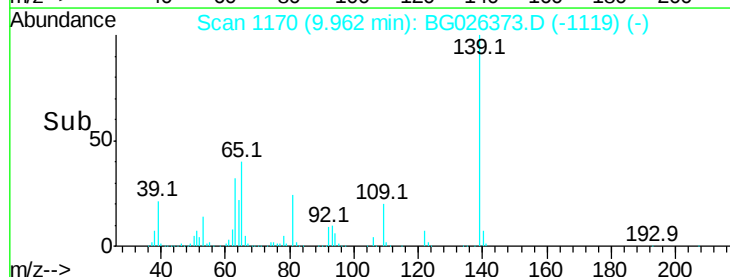
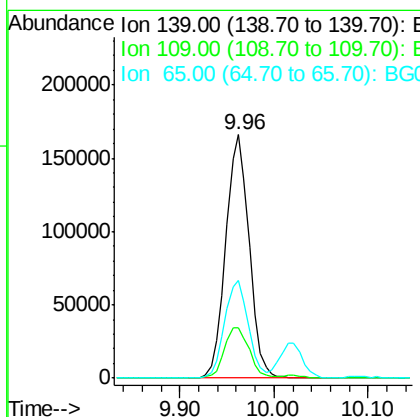
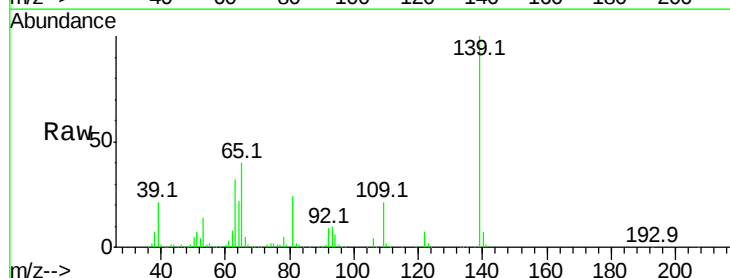
RT: 9.96 min Scan# 1170

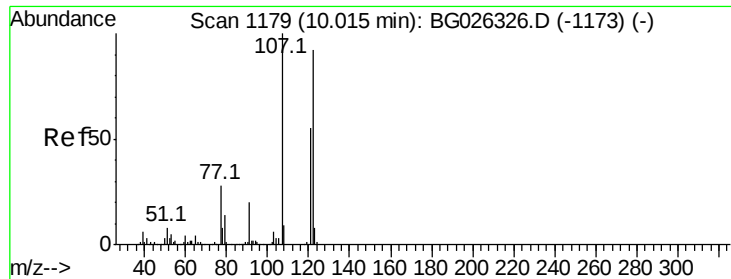
Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion:	139	Resp:	287228
Ion Ratio	Lower	Upper	
139	100		
109	20.5	38.6	58.0#
65	40.3	57.1	85.7#





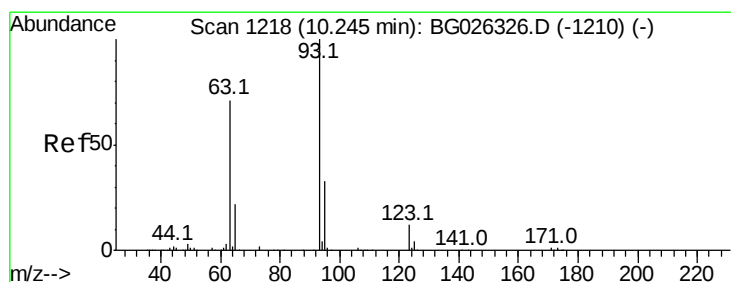
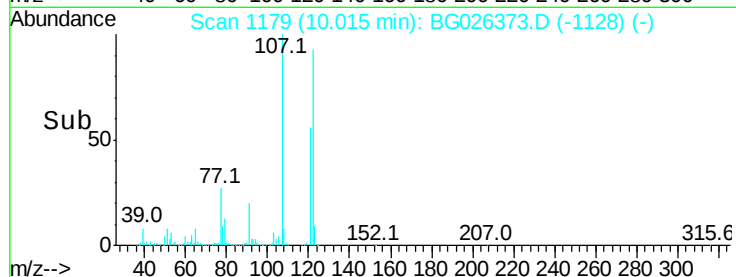
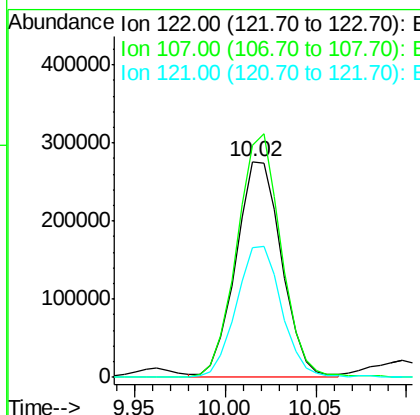
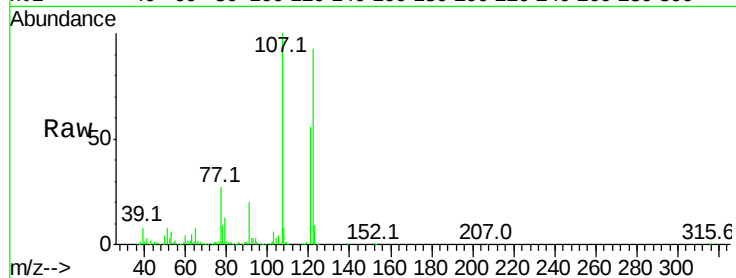
#27
2,4-Dimethylphenol
Concen: 53.58 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.5	104.2	156.4
121	60.2	46.0	69.0

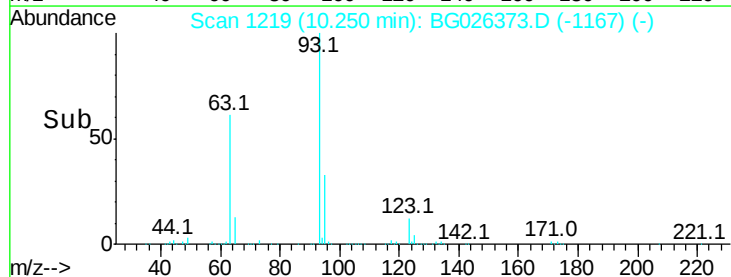
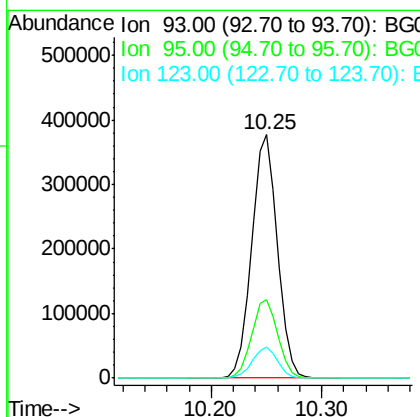
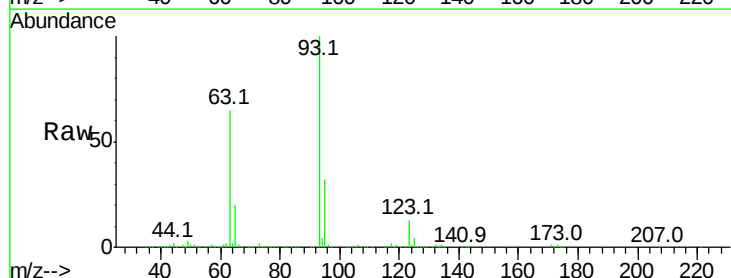
Manual Integrations
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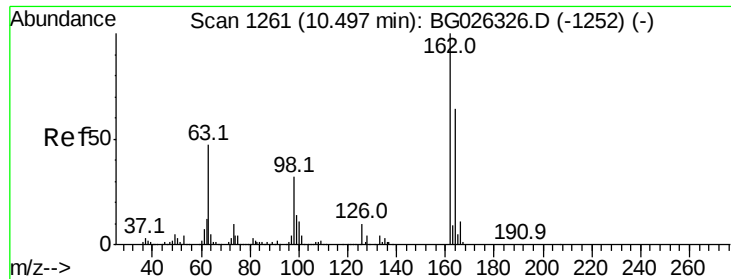
mohammad
3/23/2017 2:06:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.71 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	12.6	8.3	12.5#





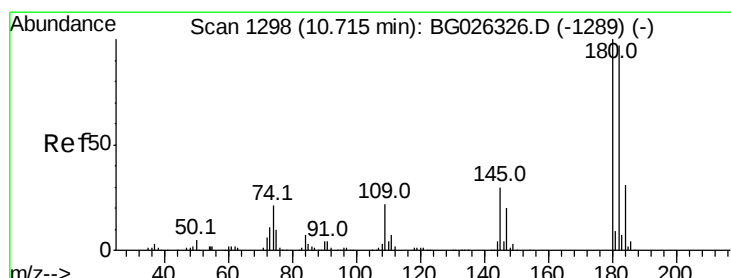
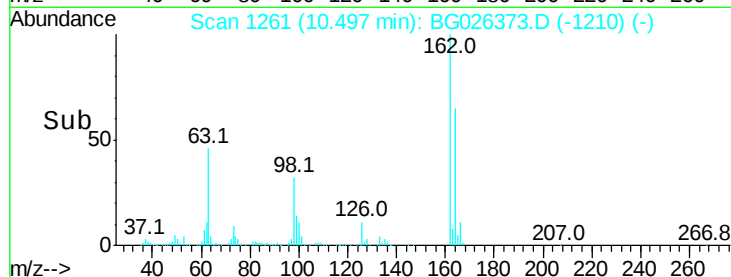
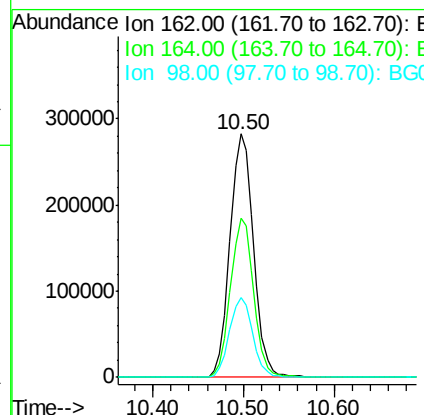
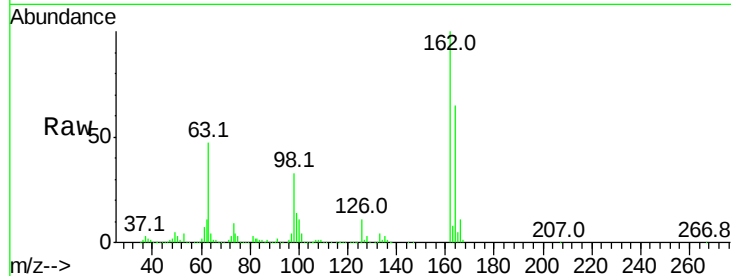
#29
2,4-Dichlorophenol
Concen: 55.71 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.4	82.4
98	32.5	20.3	60.3

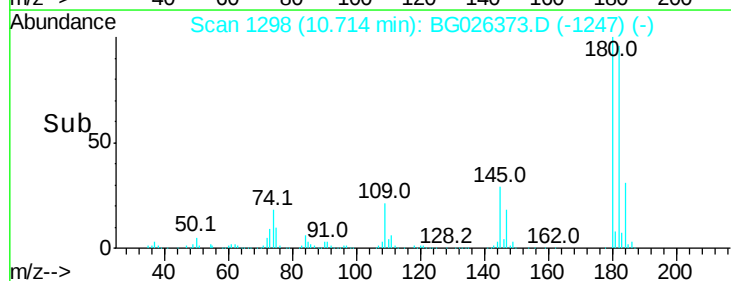
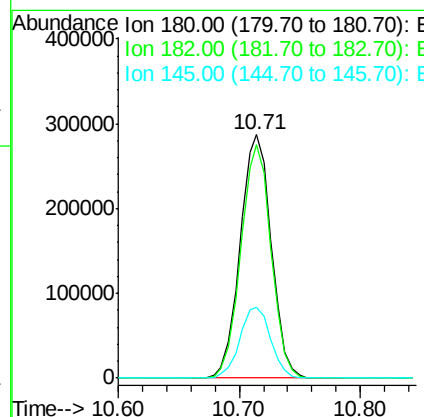
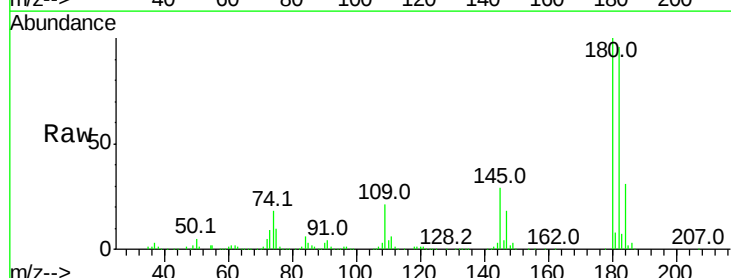
Manual Integrations
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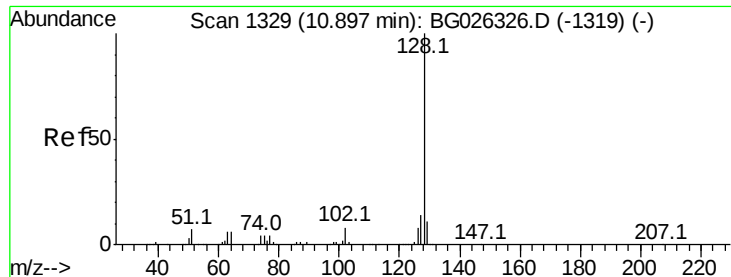
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 49.84 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.4
145	29.3	23.4	35.0





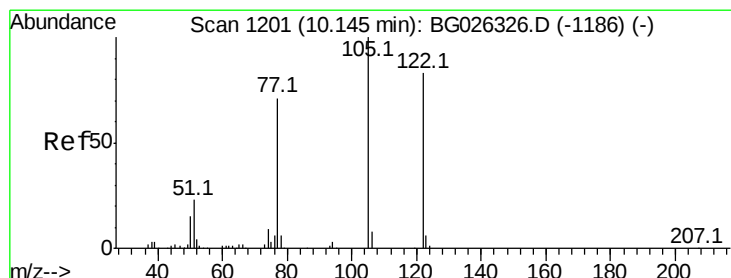
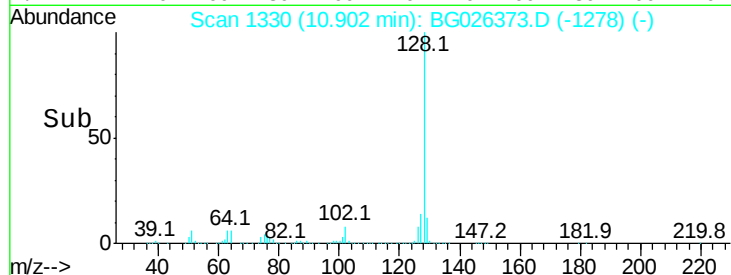
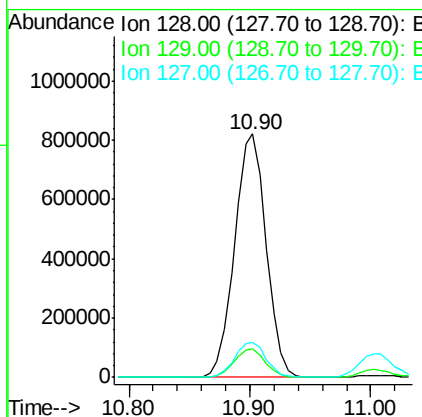
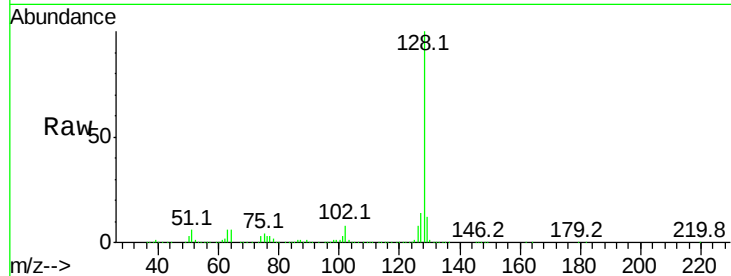
#31
Naphthalene
Concen: 45.66 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.3	11.4	17.0

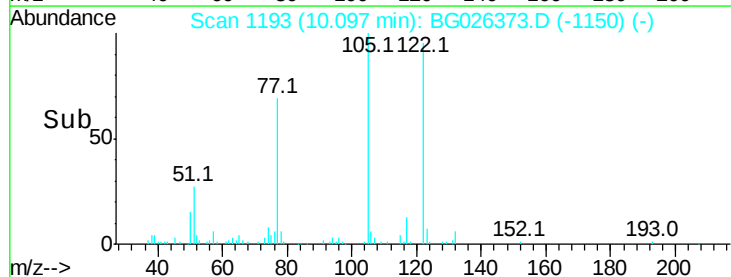
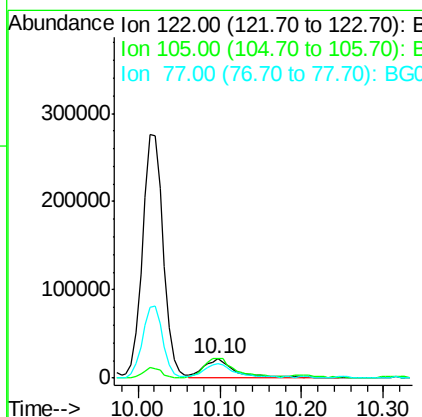
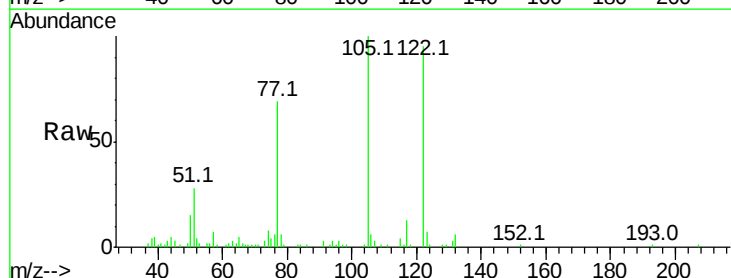
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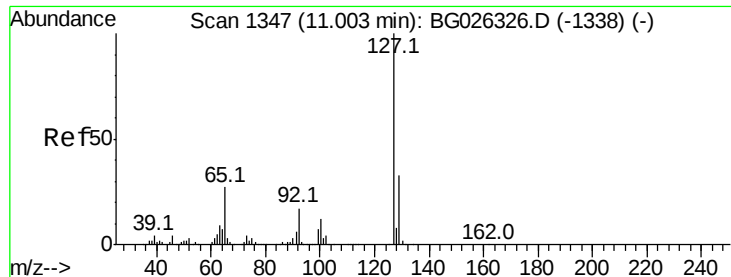
mohammad
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#32
Benzoic acid
Concen: 8.72 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.05 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.8	120.1	160.1#
77	72.4	104.6	144.6#





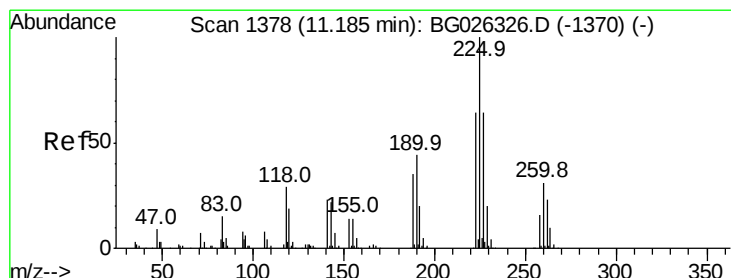
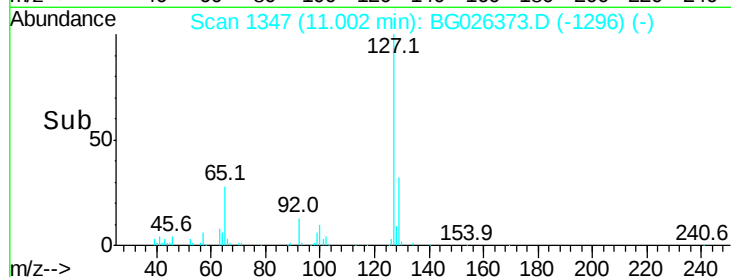
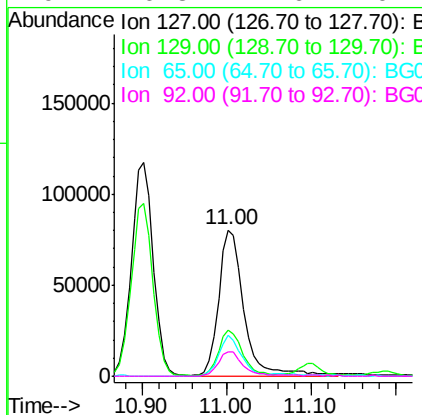
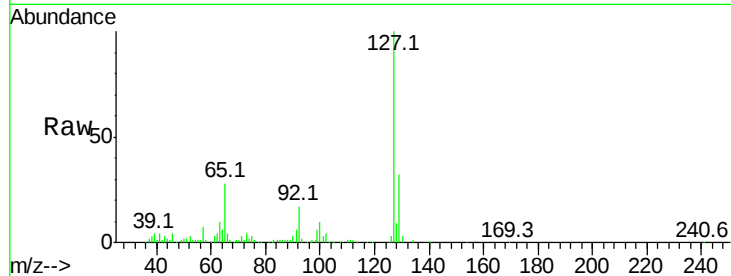
#33
4-Chloroaniline
Concen: 12.41 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	23.6	35.4
65	27.9	37.7	56.5#
92	16.8	17.6	26.4#

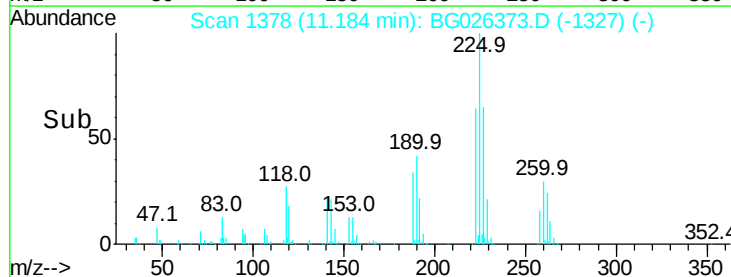
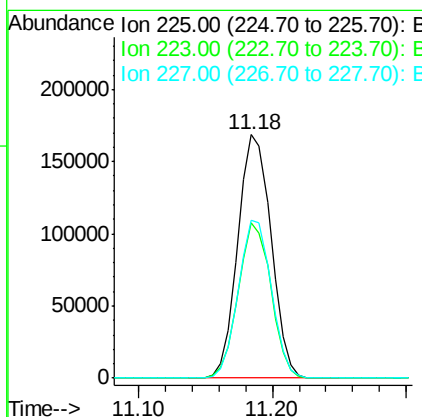
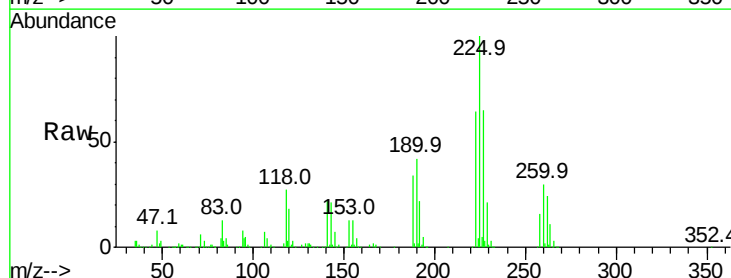
Manual Integrations
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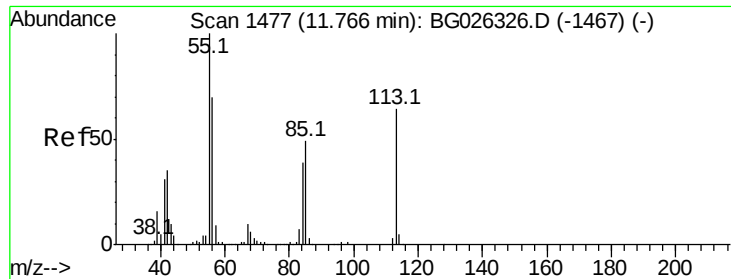
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#34
Hexachlorobutadiene
Concen: 47.89 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	64.8	49.0	73.6





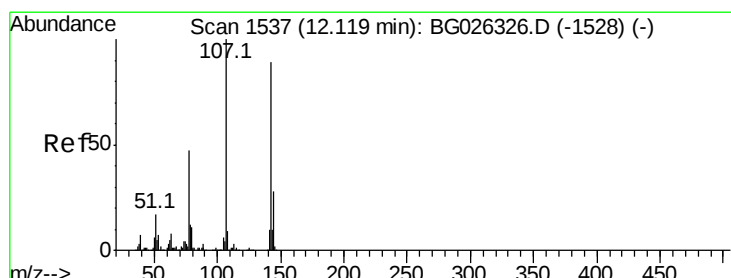
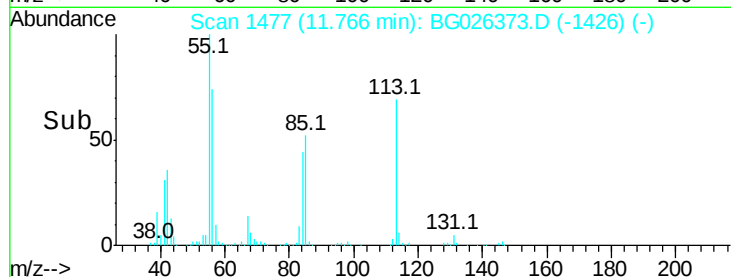
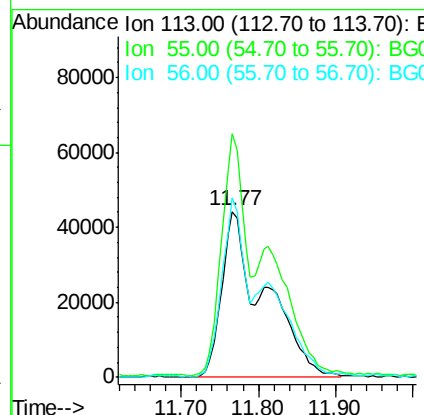
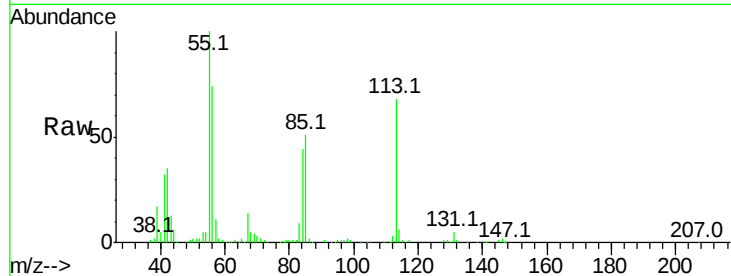
#35
Caprolactam
Concen: 47.03 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.7	198.6	238.6#
56	108.6	140.4	180.4#

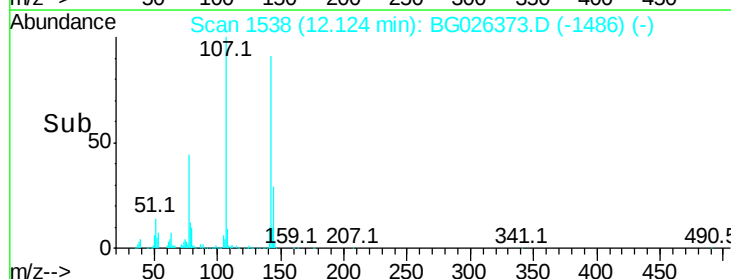
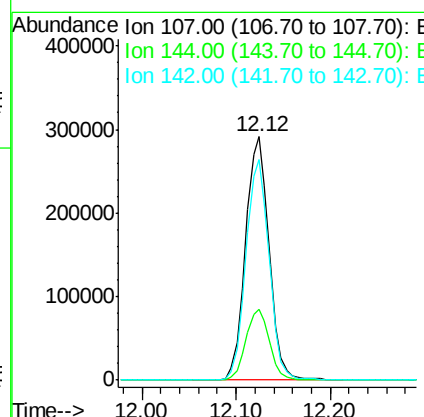
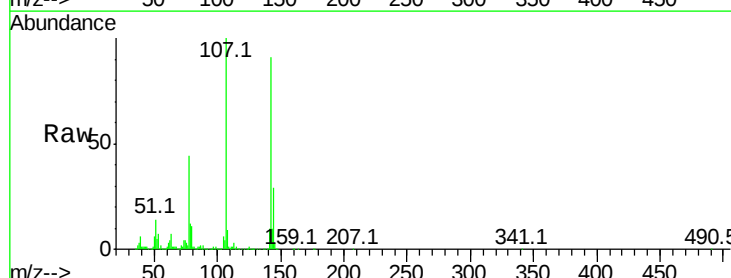
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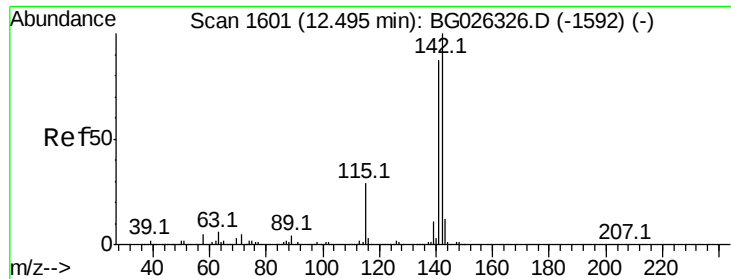
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.50 ng
RT: 12.12 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	17.4	26.0#
142	90.8	54.1	81.1#





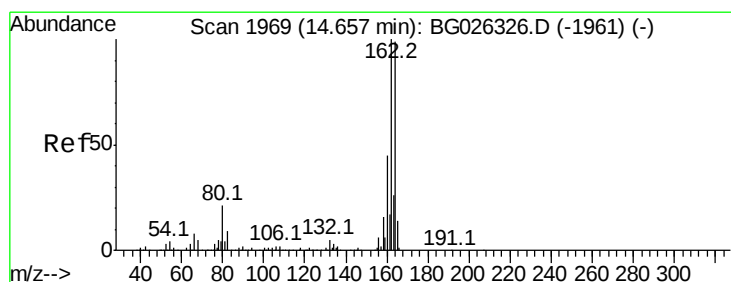
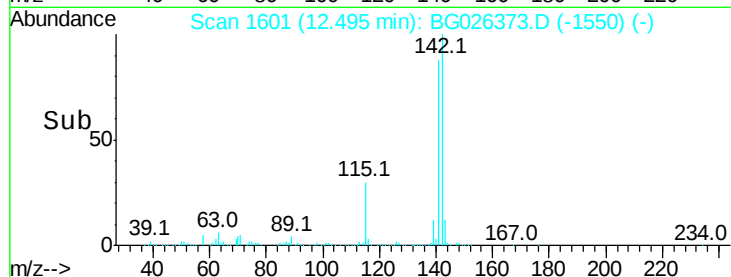
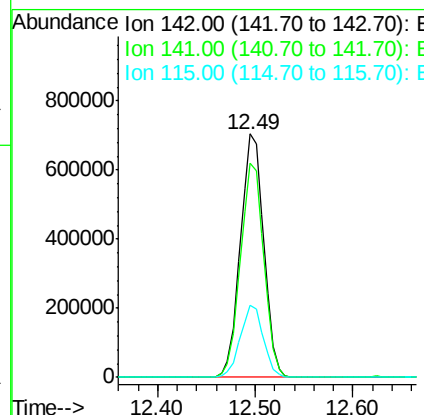
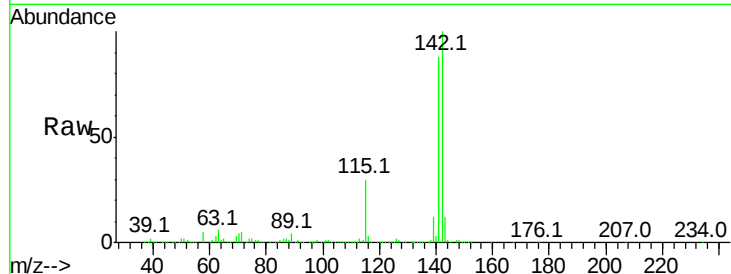
#37
2-Methylnaphthalene
Concen: 48.71 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	29.6	35.5	53.3

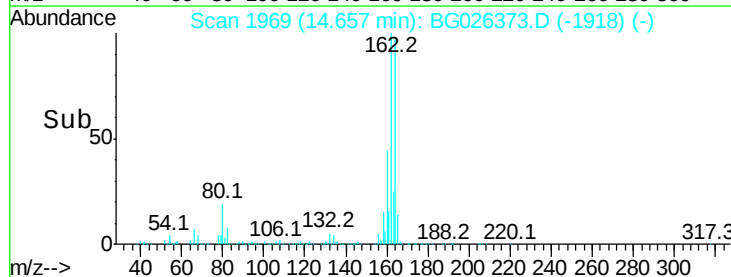
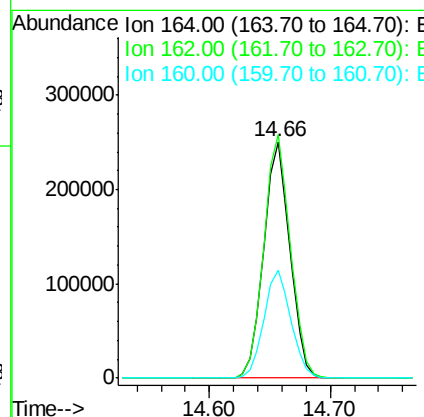
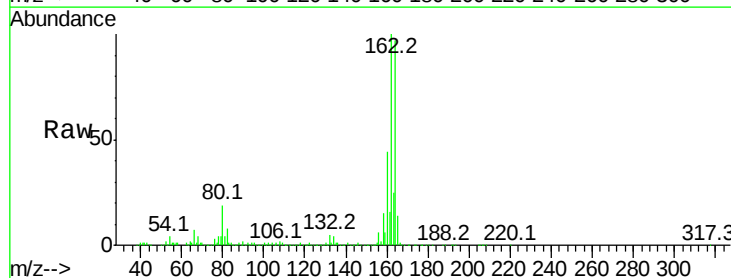
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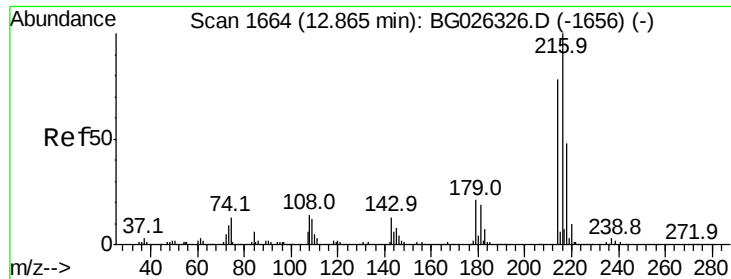
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	45.8	34.7	52.1





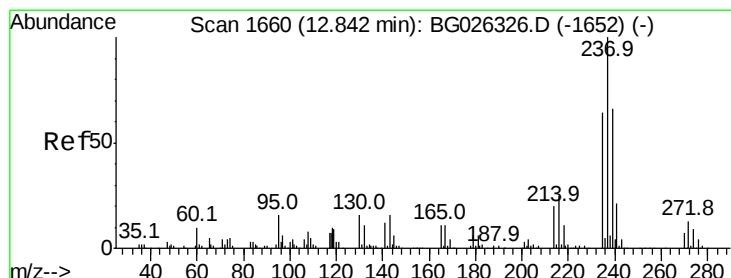
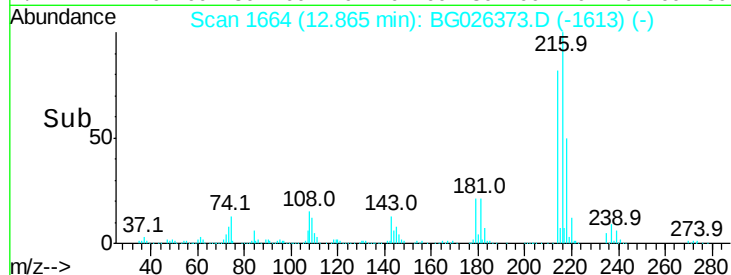
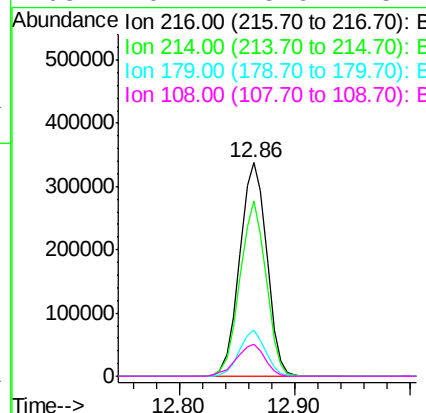
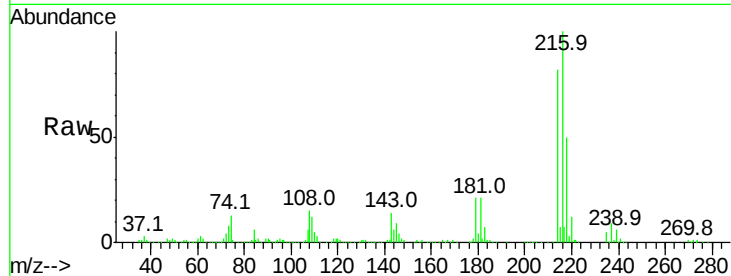
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.14 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.4	96.6
179	20.7	17.4	26.0
108	16.2	15.6	23.4

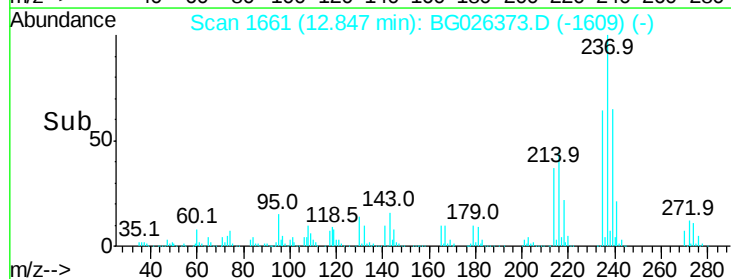
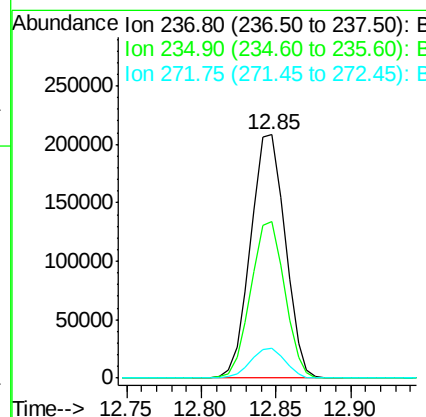
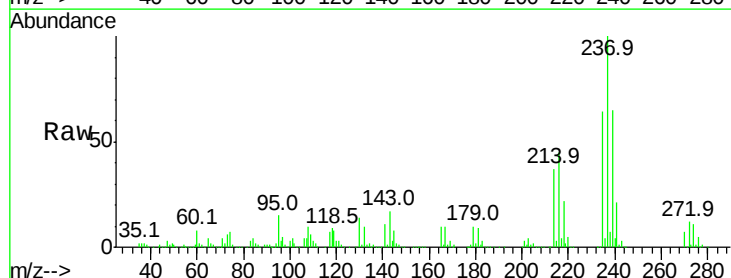
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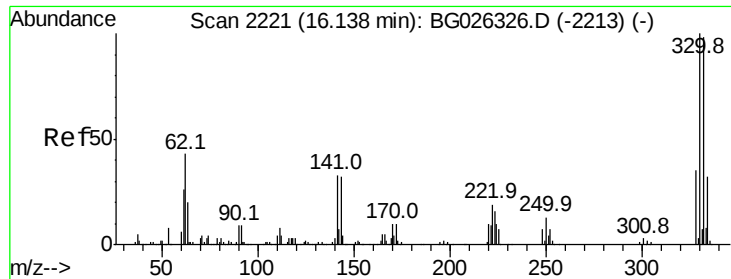
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 55.78 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	39.4	79.4
272	12.3	0.0	32.0





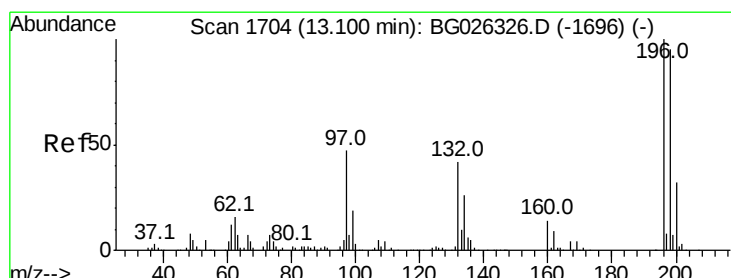
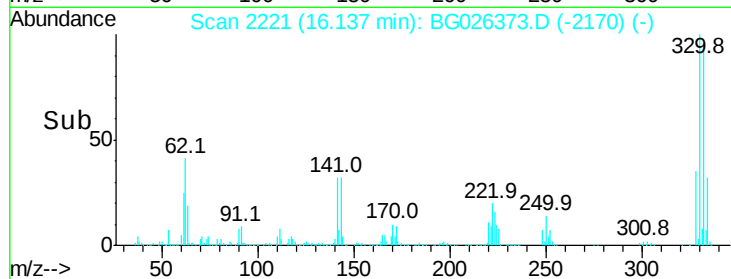
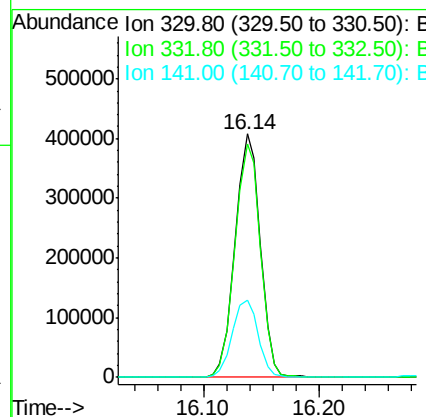
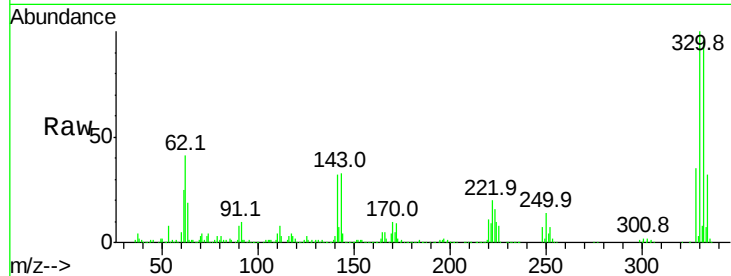
#41
 2,4,6-Tribromophenol
 Concen: 142.08 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	32.3	32.1	48.1

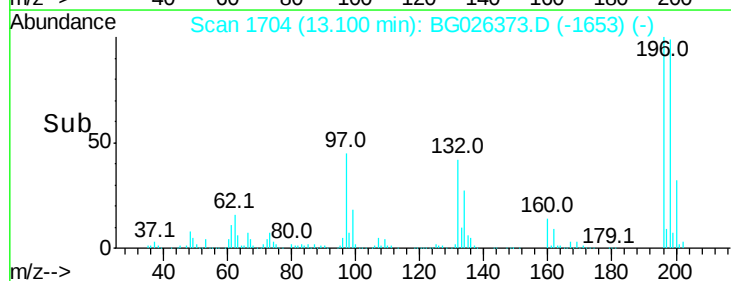
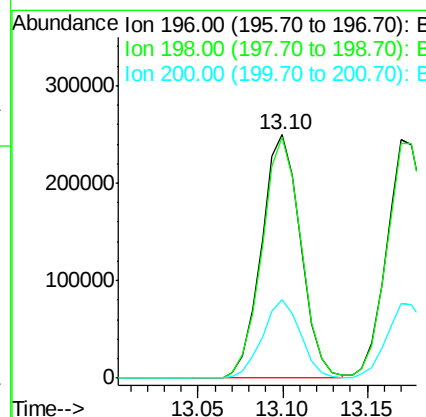
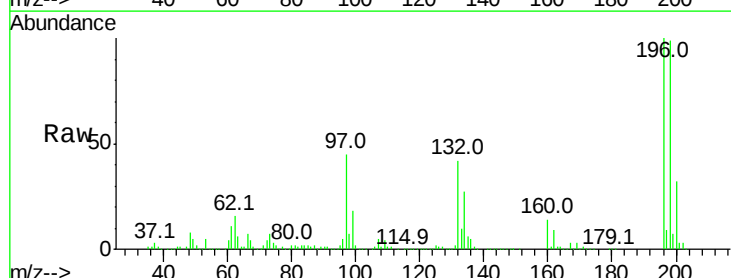
Manual Integrations
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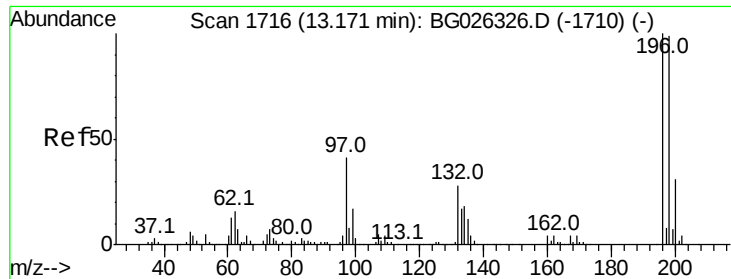
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 53.89 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	81.4	122.2
200	32.1	27.0	40.6





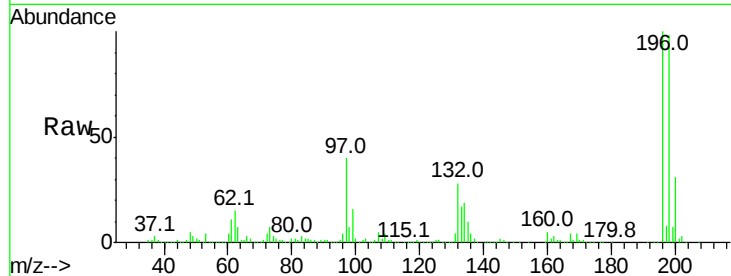
#43
 2,4,5-Trichlorophenol
 Concen: 50.19 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.9	119.9
97	40.1	45.4	68.0
132	27.6	20.7	31.1

Manual Integrations
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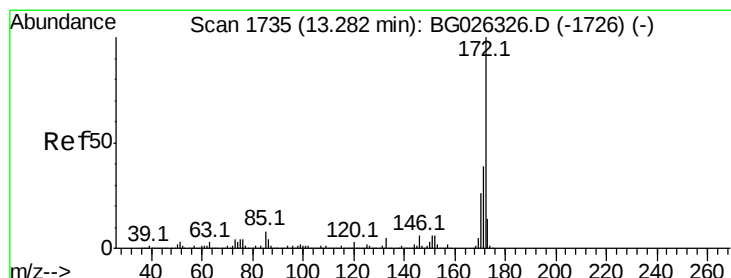
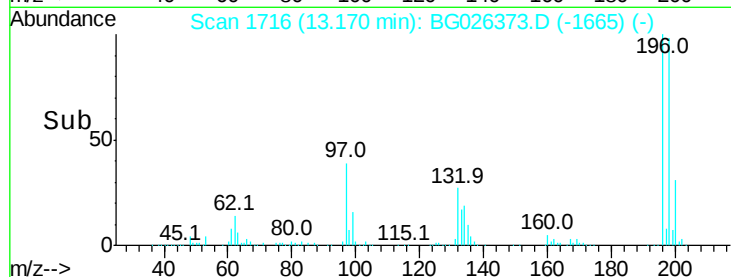
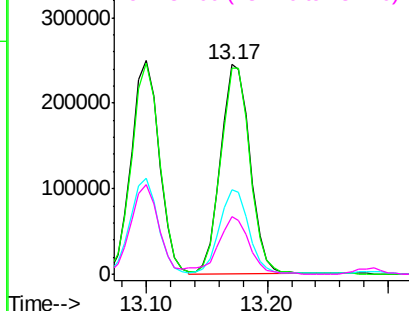
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

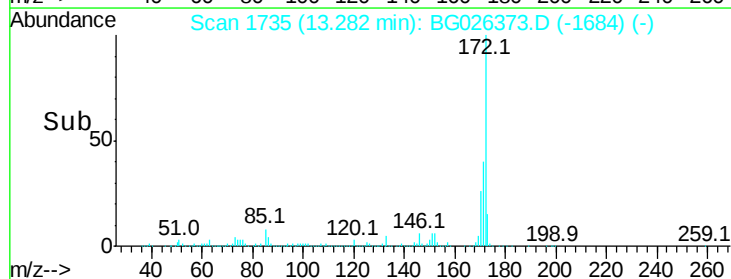
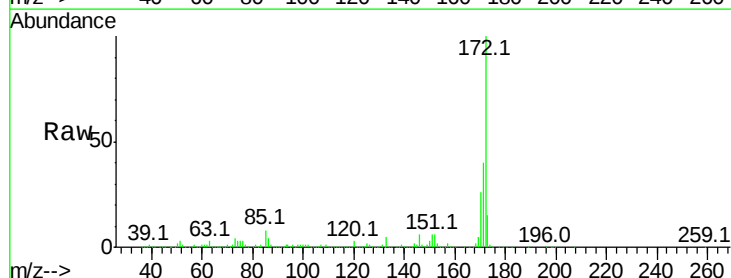
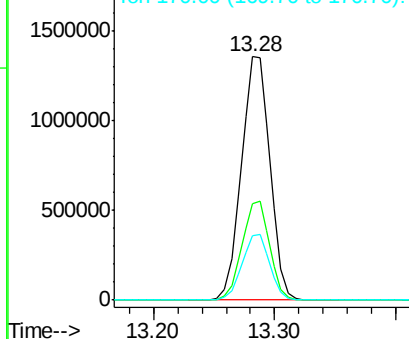
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.2	48.2
170	26.3	21.8	32.6

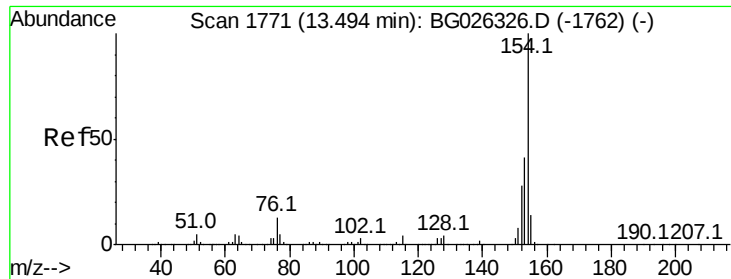
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





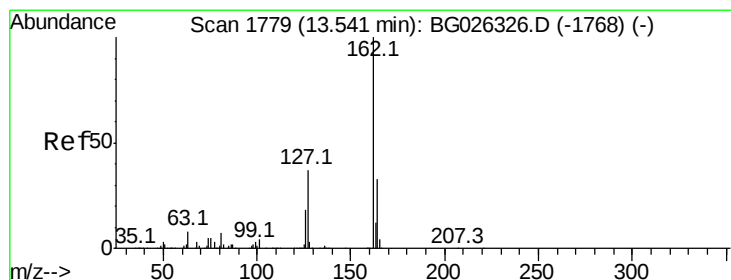
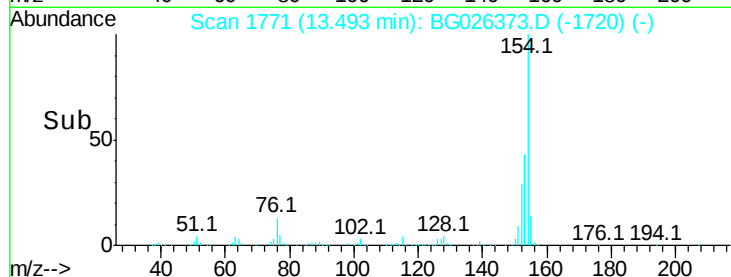
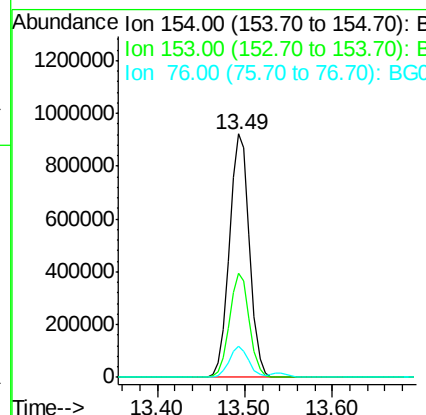
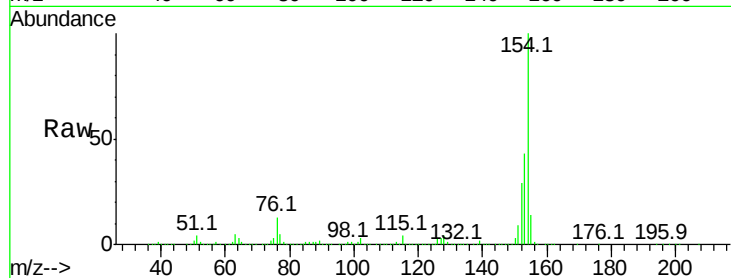
#45
1,1'-Biphenyl
Concen: 46.32 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.0	63.0
76	13.0	0.0	33.5

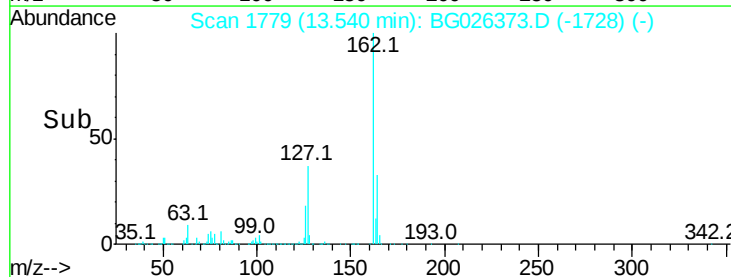
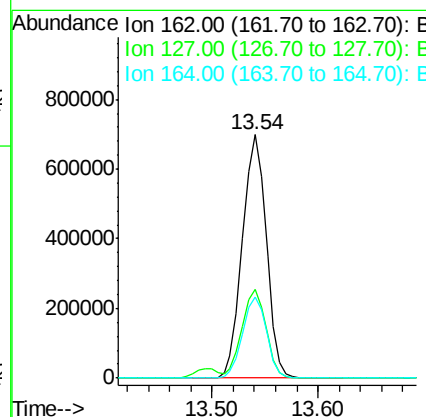
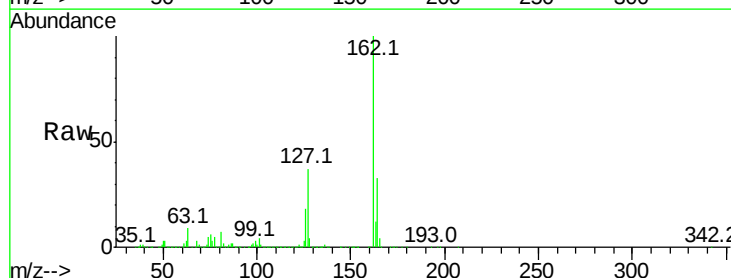
Manual Integrations
APPROVED

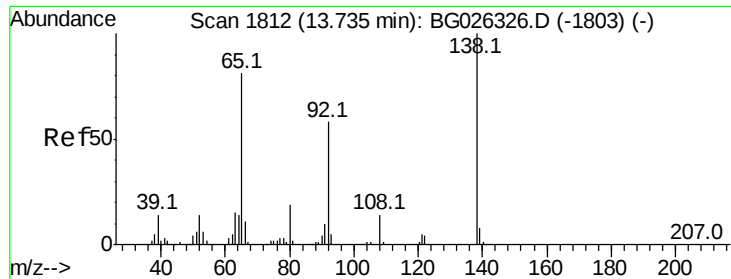
mohammad
3/23/2017 2:06:54 PM



#46
2-Chloronaphthalene
Concen: 48.06 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	32.2	48.4
164	33.2	27.3	40.9





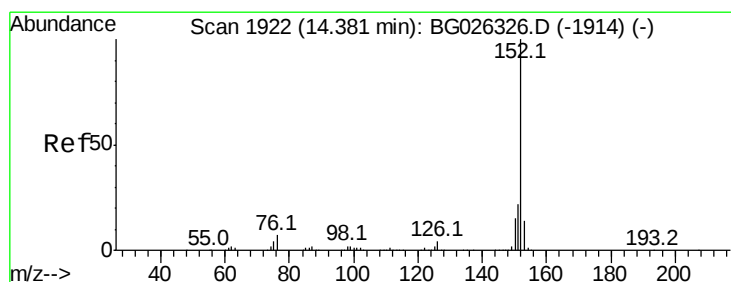
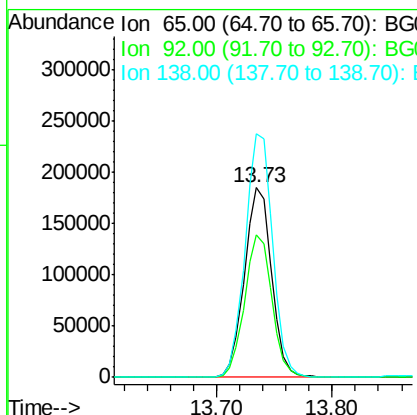
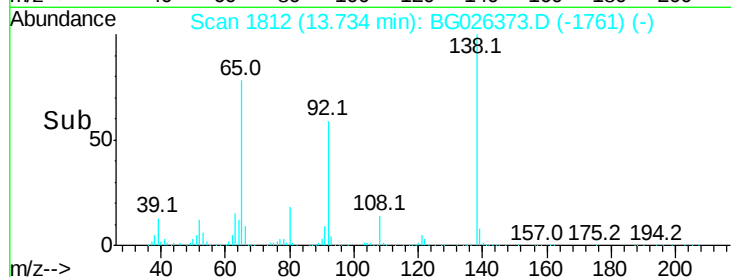
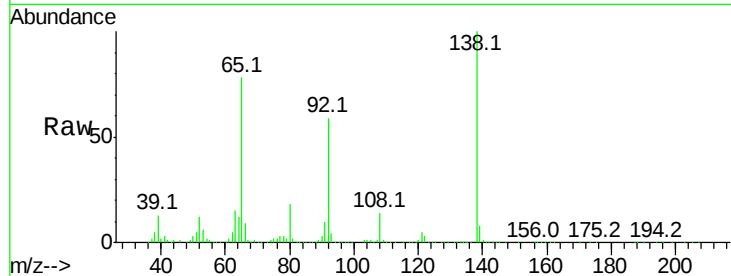
#47
2-Nitroaniline
Concen: 46.80 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.4	49.0	73.4#
138	128.3	58.6	87.8#

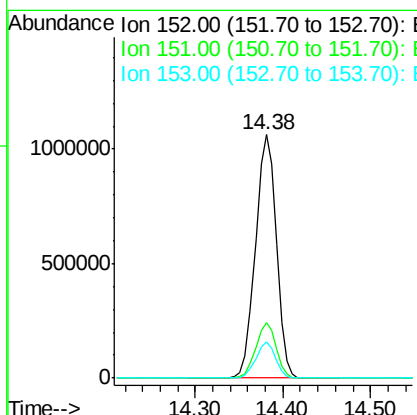
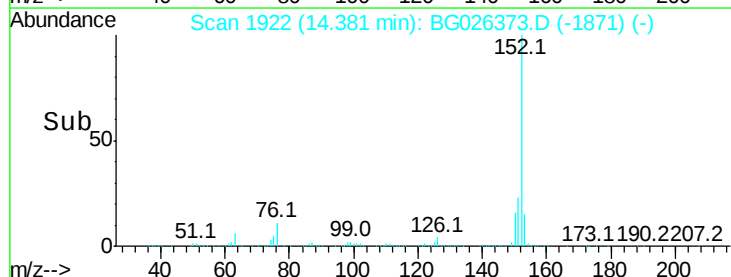
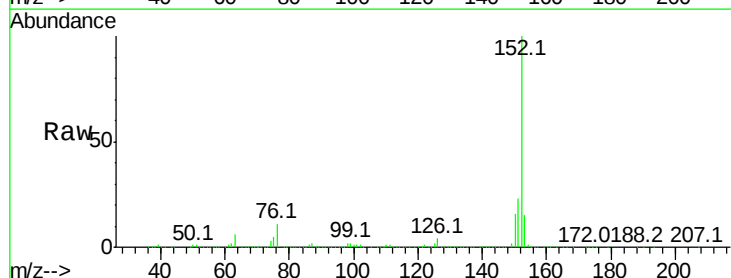
Manual Integrations
APPROVED

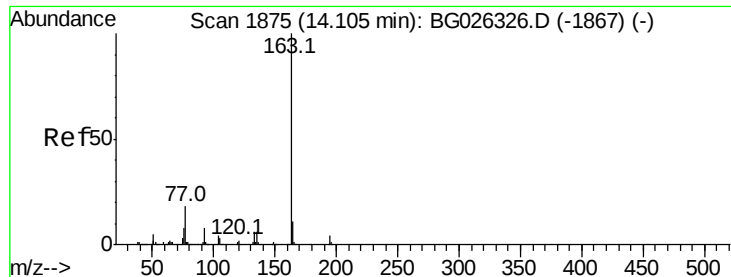
mohammad
3/23/2017 2:06:54 PM



#48
Acenaphthylene
Concen: 43.51 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.2	27.2
153	14.7	11.3	16.9





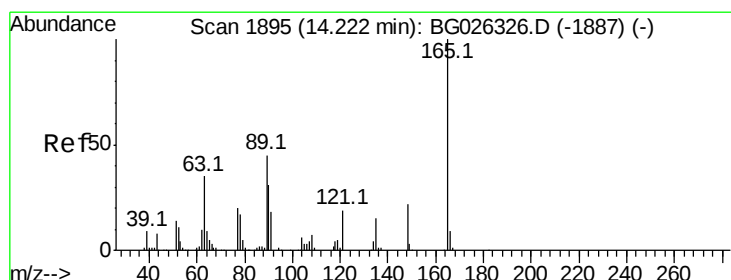
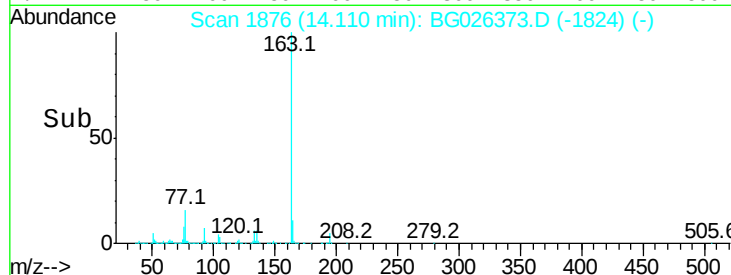
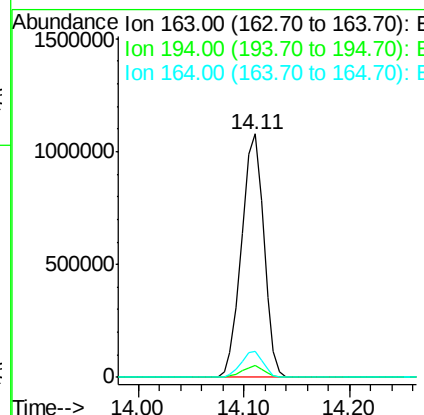
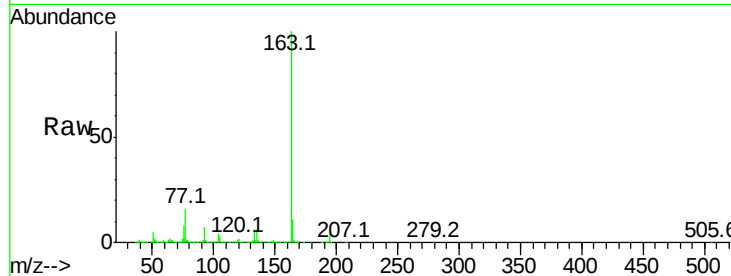
#49
Dimethylphthalate
Concen: 55.01 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.8	9.3	13.9

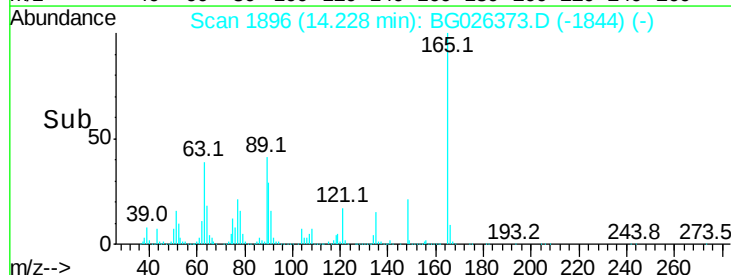
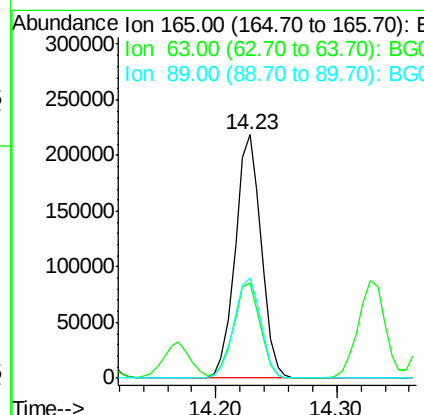
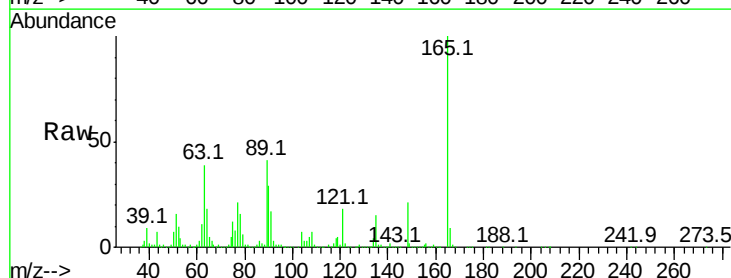
Manual Integrations
APPROVED

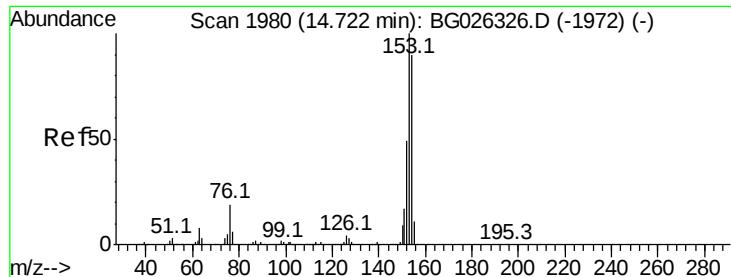
mohammad
3/23/2017 2:06:54 PM



#50
2,6-Dinitrotoluene
Concen: 49.15 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	63.9	95.9#
89	41.4	58.6	88.0#





#51

Acenaphthene

Concen: 45.68 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:154 Resp: 1118109

Ion Ratio Lower Upper

154 100

153 111.0 87.8 131.6

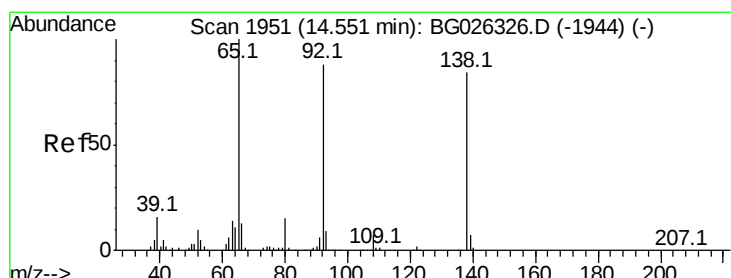
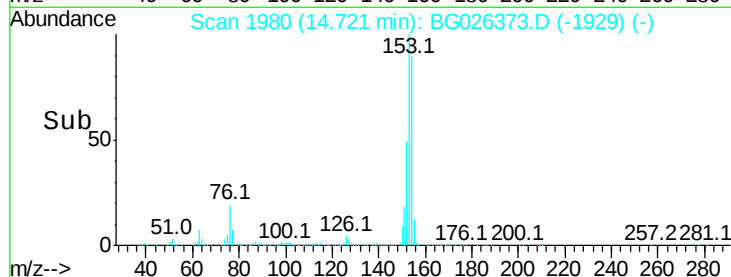
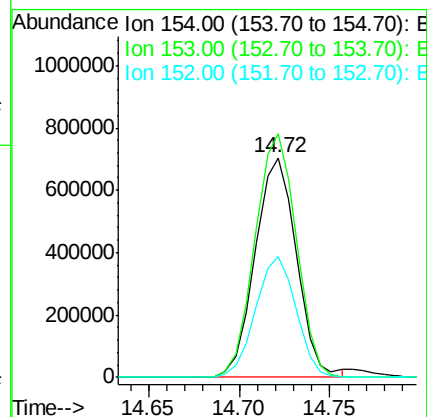
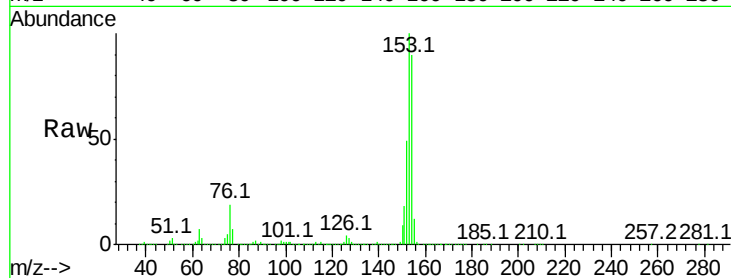
152 54.9 42.2 63.4

Manual Integrations

APPROVED

mohammad

3/23/2017 2:06:54 PM



#52

3-Nitroaniline

Concen: 26.63 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

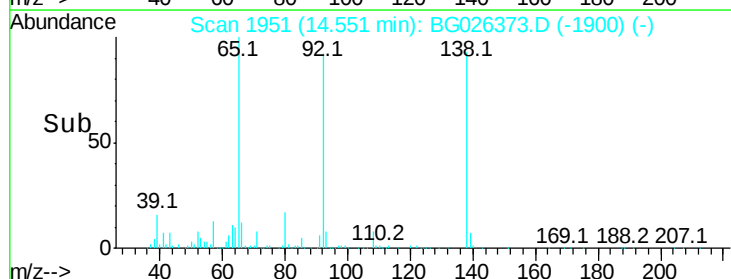
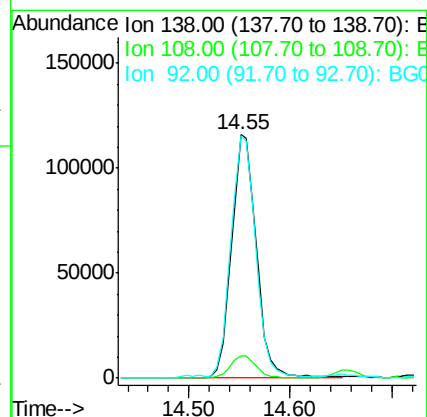
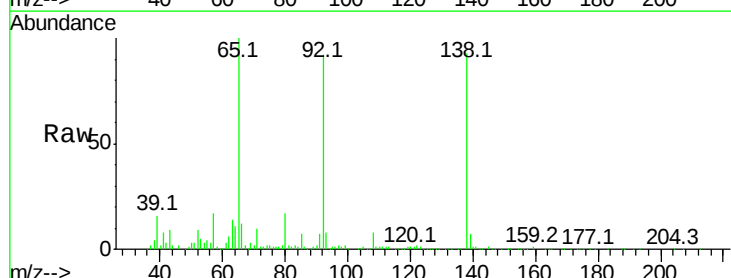
Tgt Ion:138 Resp: 194747

Ion Ratio Lower Upper

138 100

108 8.9 10.9 16.3#

92 99.5 115.3 172.9#





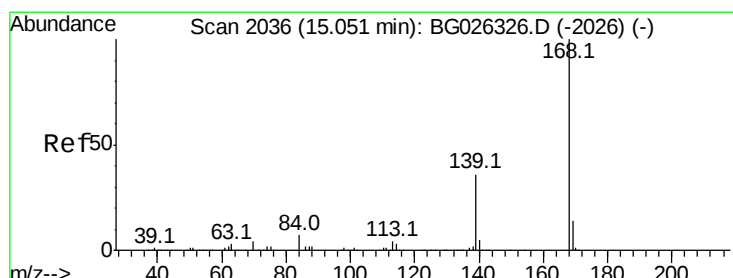
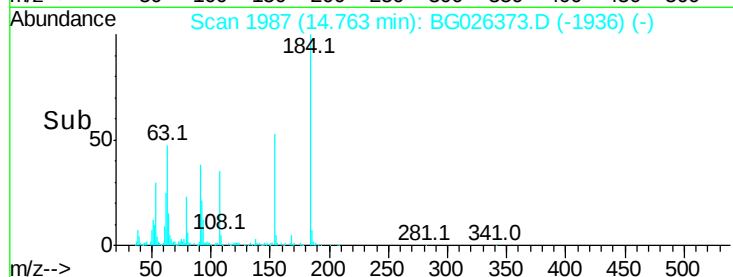
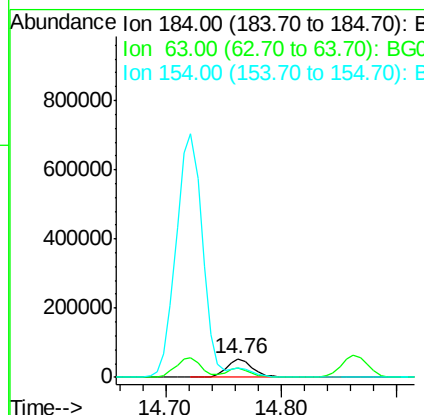
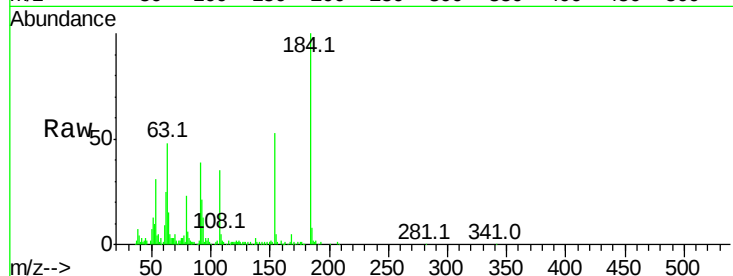
#53
2,4-Dinitrophenol
Concen: 22.08 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.1	52.7	79.1#
154	52.7	57.3	85.9#

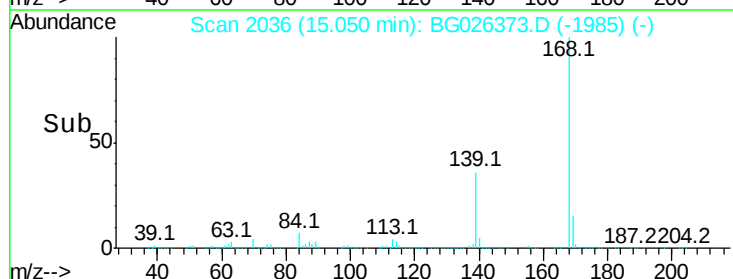
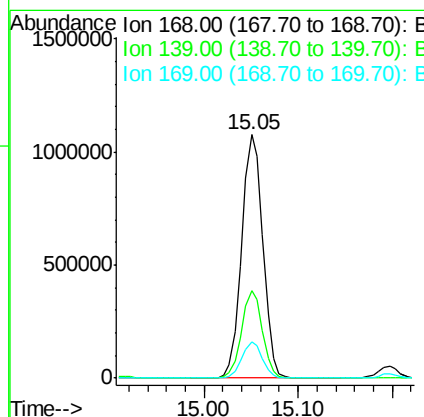
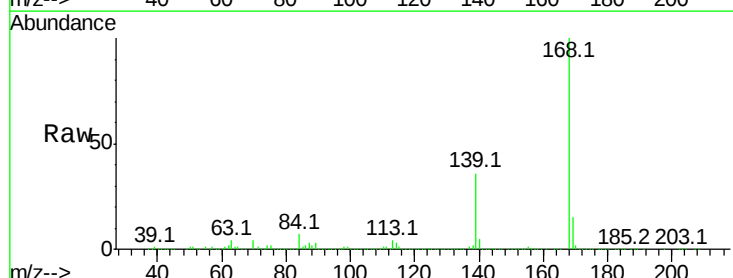
Manual Integrations
APPROVED

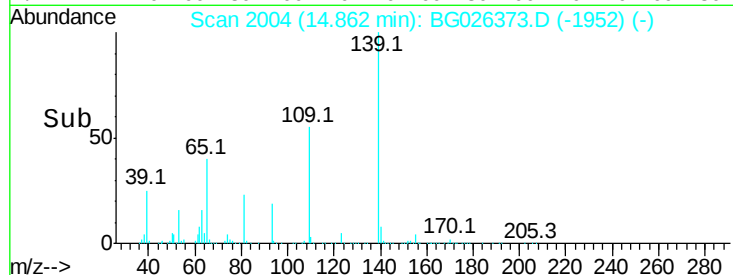
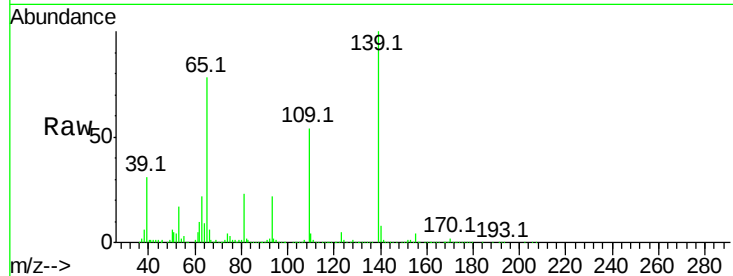
mohammad
3/23/2017 2:06:54 PM



#54
Dibenzofuran
Concen: 48.63 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	35.3	52.9
169	15.0	11.5	17.3





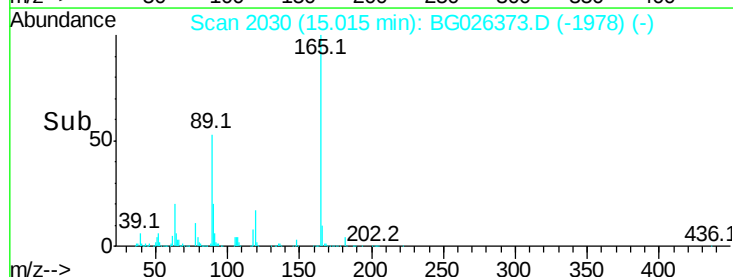
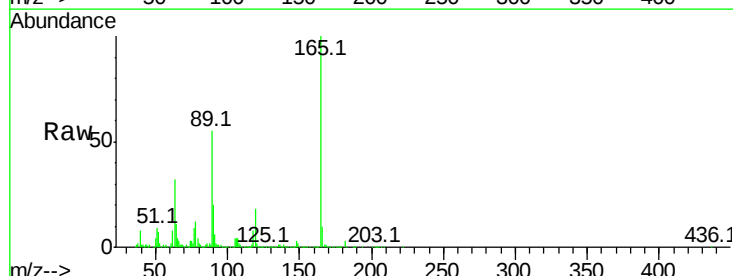
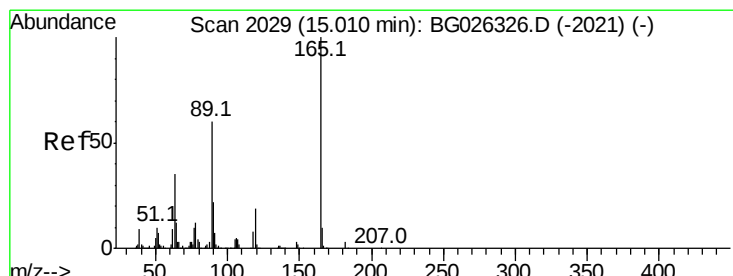
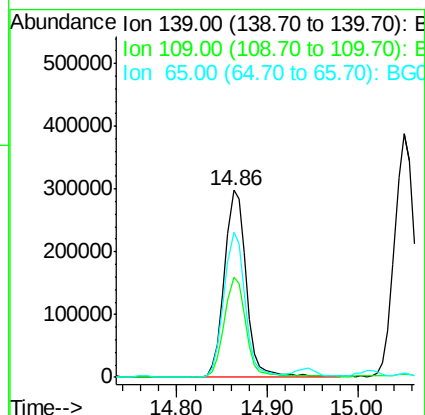
#55
4-Nitrophenol
Concen: 84.13 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.9	101.2	141.2#
65	77.9	135.3	175.3#

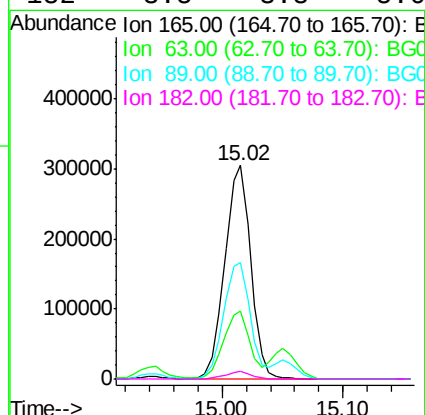
Manual Integrations
APPROVED

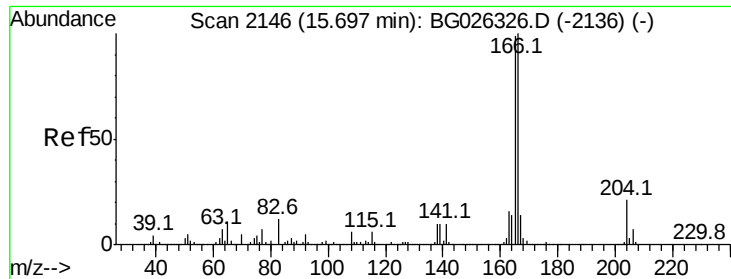
mohammad
3/23/2017 2:06:54 PM



#56
2,4-Dinitrotoluene
Concen: 48.47 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.5	44.0	66.0#
89	54.6	67.3	100.9#
182	3.5	3.8	5.6#





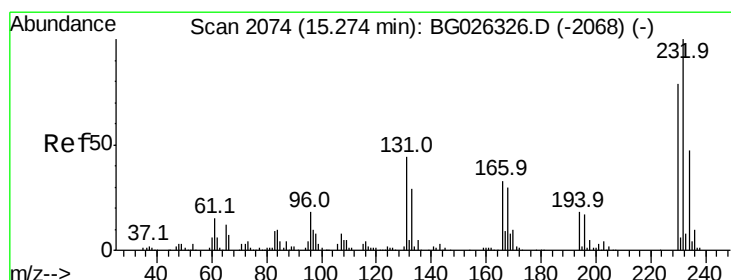
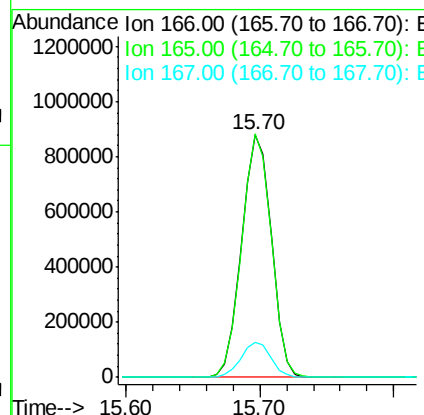
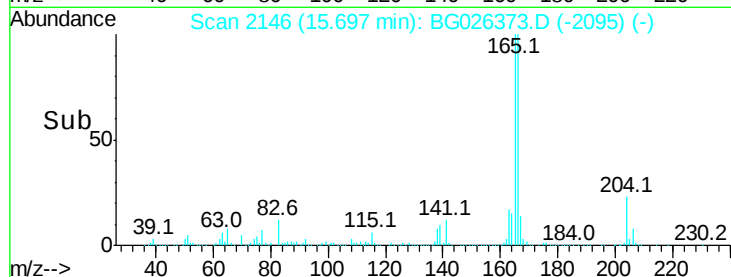
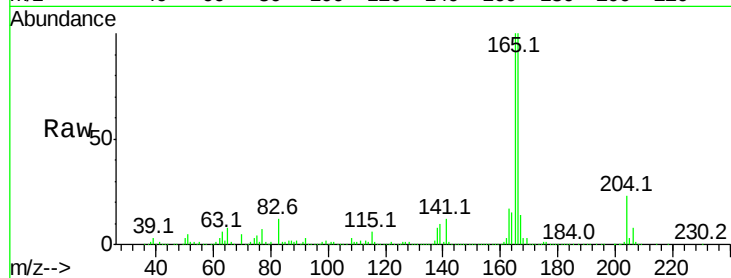
#57
Fluorene
 Concen: 44.24 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.6	117.8
167	14.4	11.6	17.4

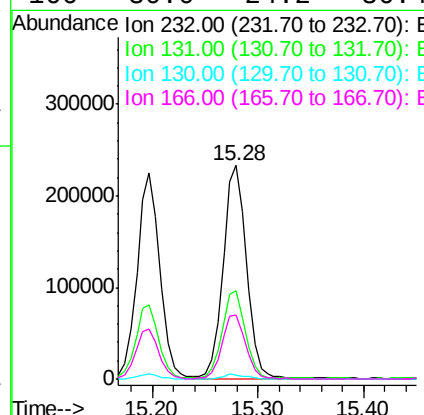
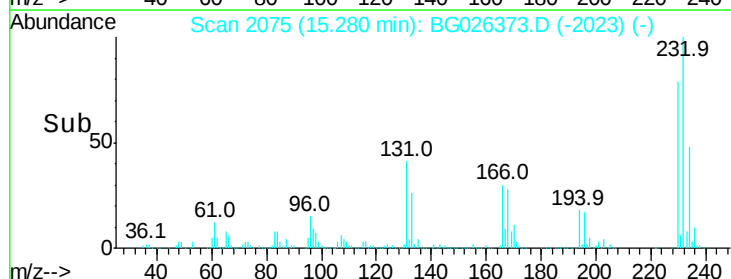
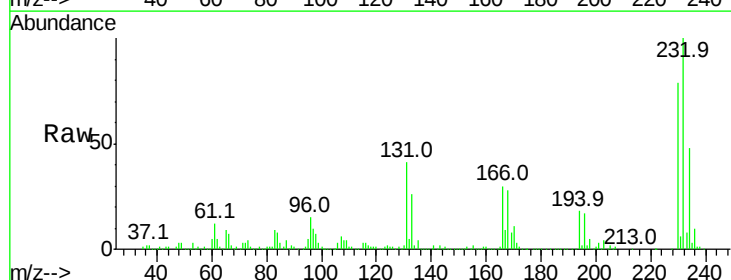
Manual Integrations
APPROVED

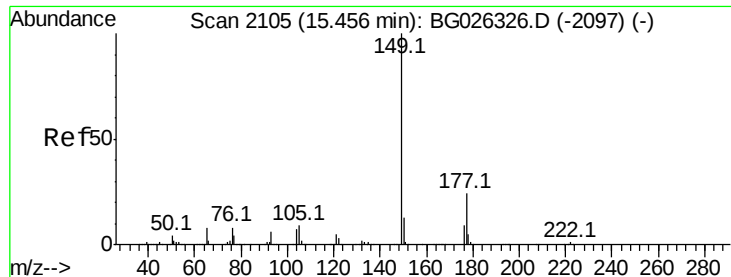
mohammad
 3/23/2017 2:06:54 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.12 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.4	2.3	3.5
166	30.0	24.2	36.4





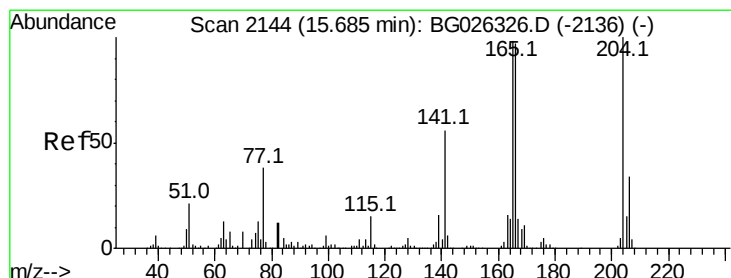
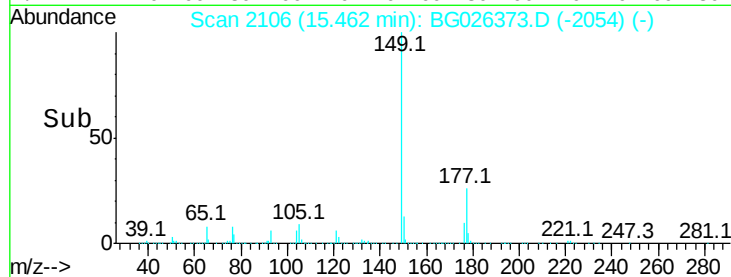
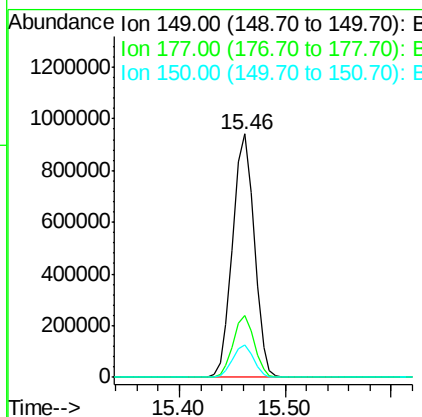
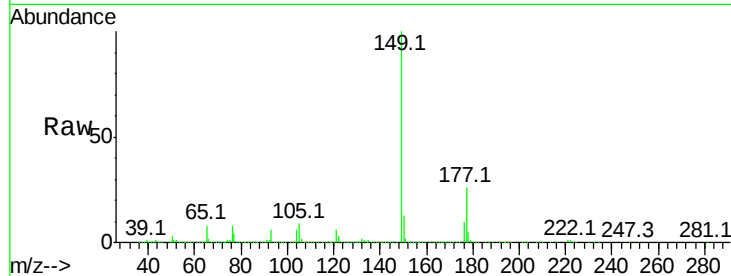
#59
Diethylphthalate
Concen: 45.56 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion:149 Resp: 1324863
Ion Ratio Lower Upper
149 100
177 25.6 20.1 30.1
150 13.4 10.2 15.2

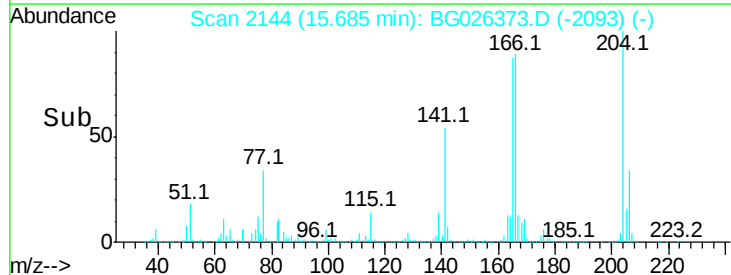
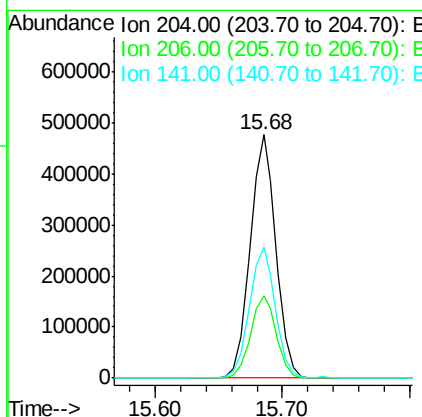
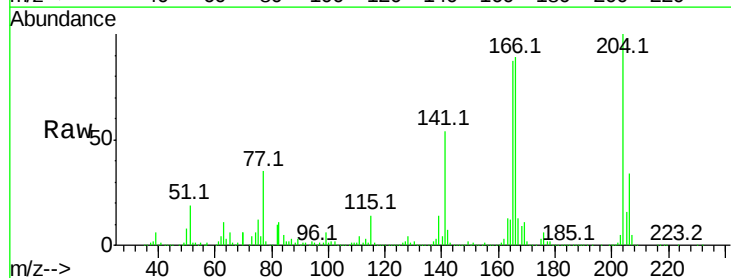
Manual Integrations
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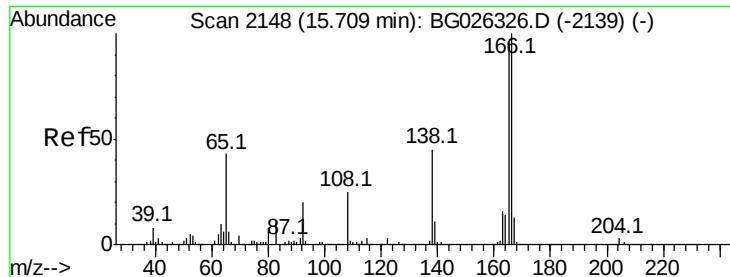
mohammad
3/23/2017 2:06:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.99 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:204 Resp: 668424
Ion Ratio Lower Upper
204 100
206 33.8 30.1 45.1
141 53.9 50.6 76.0





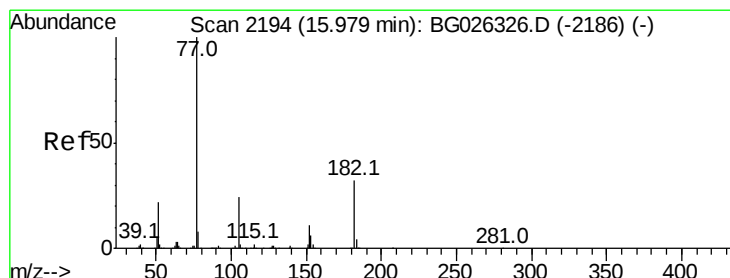
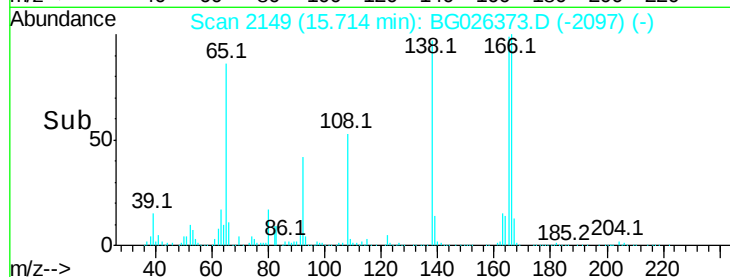
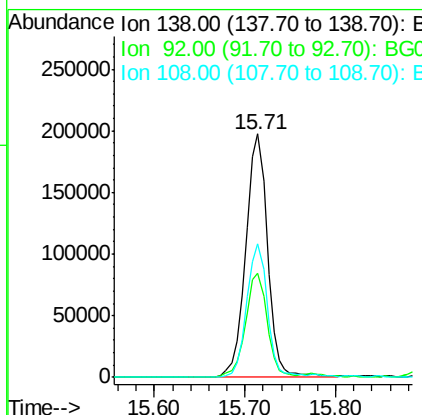
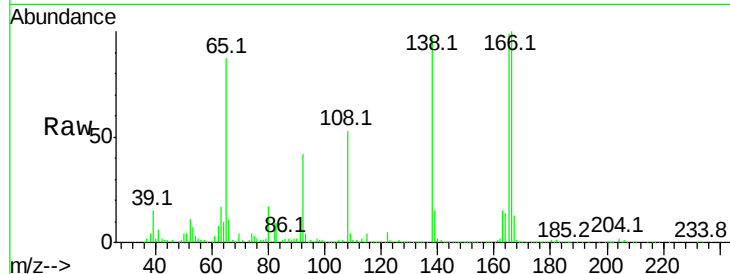
#61
4-Nitroaniline
Concen: 42.73 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.9	44.2	84.2#
108	55.0	104.8	144.8#

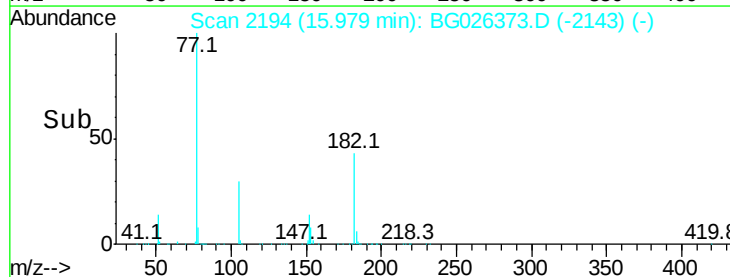
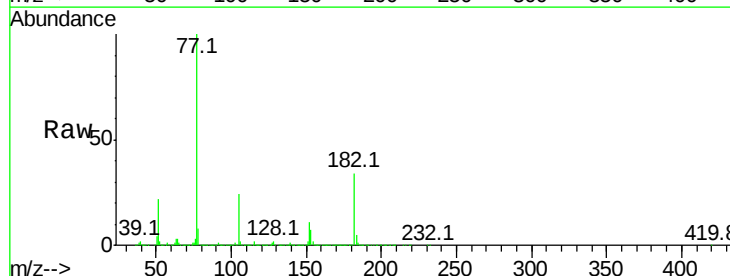
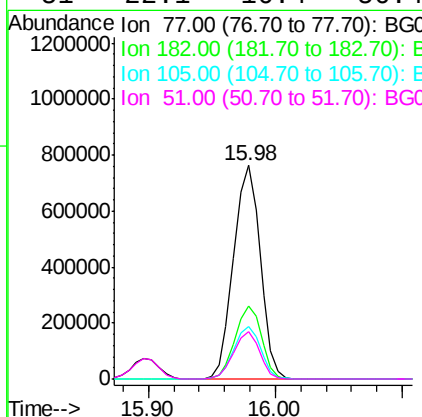
Manual Integrations
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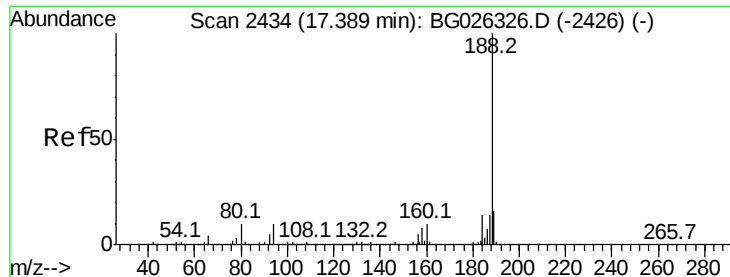
mohammad
3/23/2017 2:06:54 PM



#62
Azobenzene
Concen: 46.85 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.3	4.7	44.7
105	24.5	0.0	36.3
51	22.1	16.4	56.4





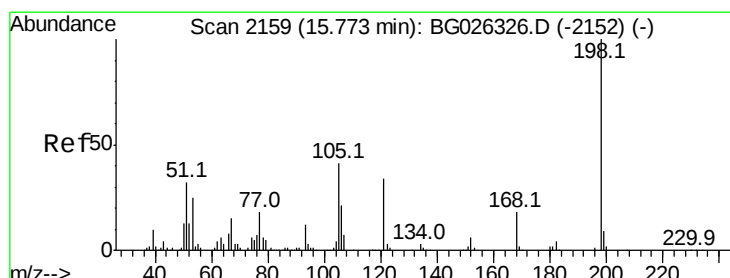
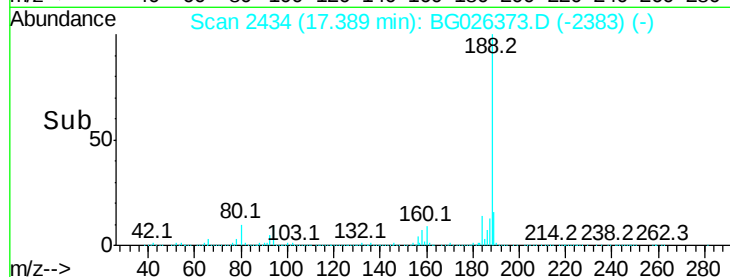
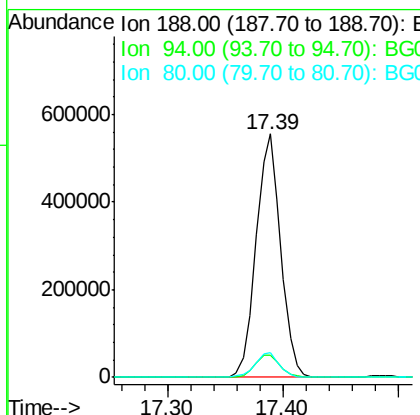
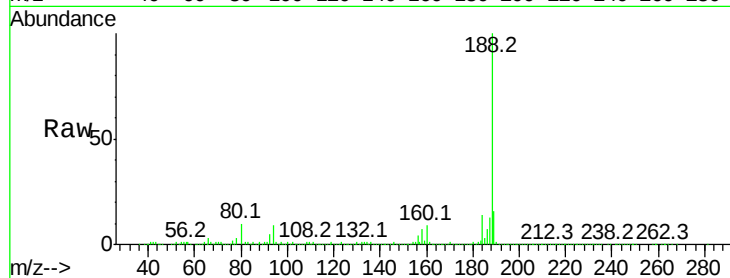
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	821747		
94	9.1	5.8	8.8#	
80	10.1	7.5	11.3	

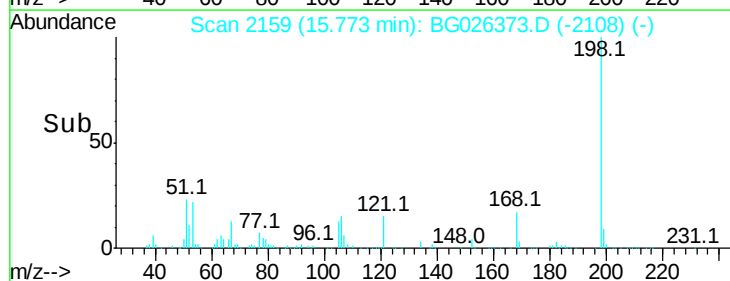
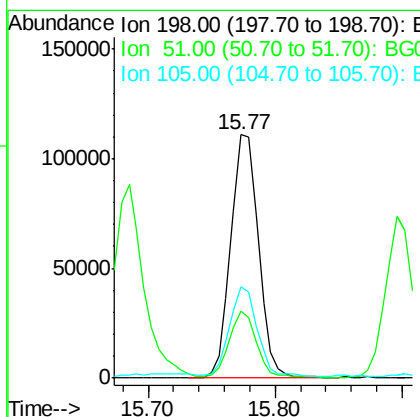
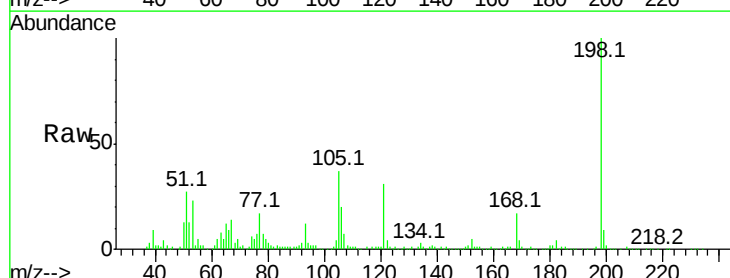
Manual Integrations
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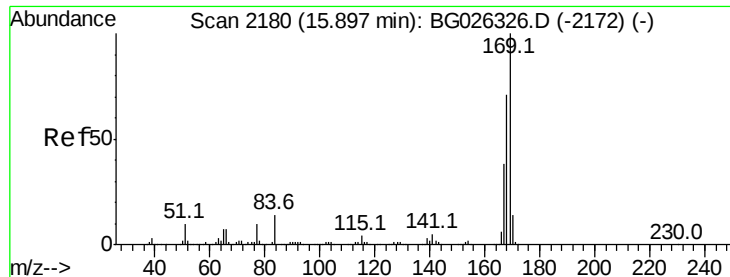
mohammad
3/23/2017 2:06:54 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.43 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	168034		
51	27.3	22.6	62.6	
105	37.4	14.4	54.4	





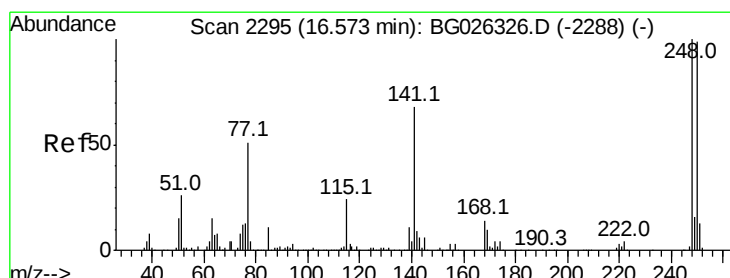
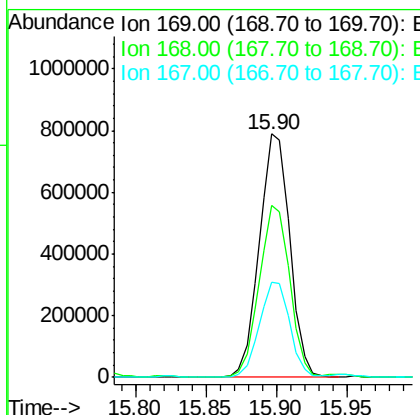
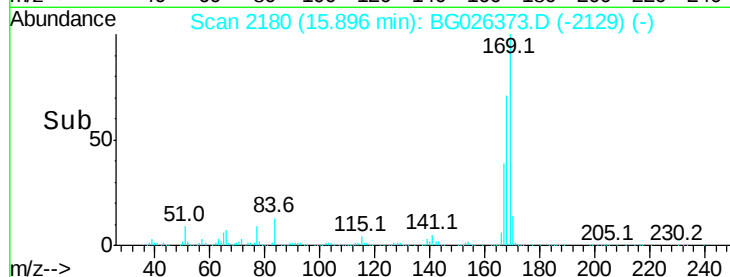
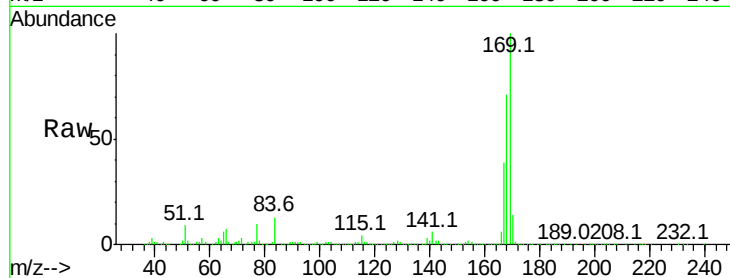
#65
n-Nitrosodiphenylamine
Concen: 49.86 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion:169 Resp: 1202552
Ion Ratio Lower Upper
169 100
168 70.7 55.7 83.5
167 39.0 29.8 44.6

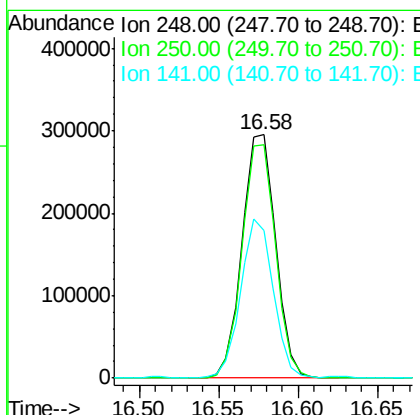
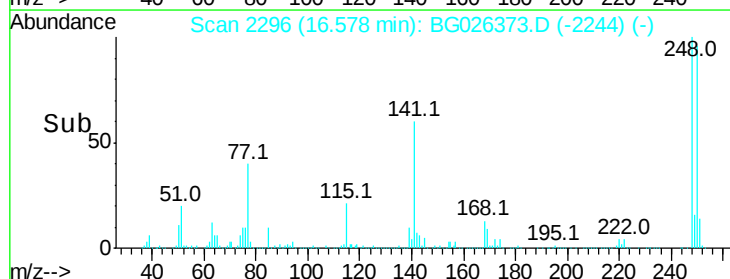
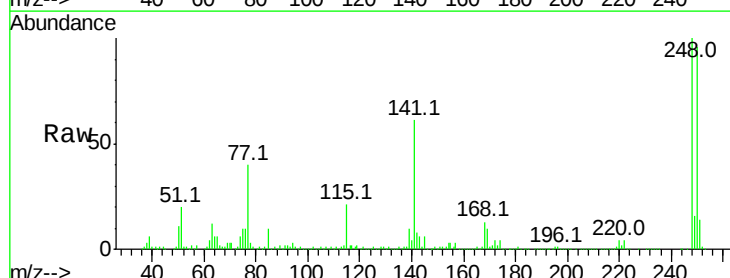
Manual Integrations
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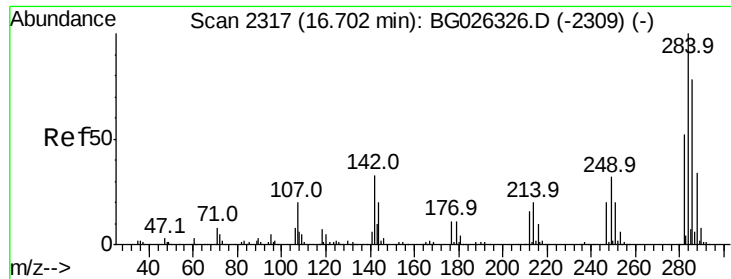
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 51.44 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion:248 Resp: 435063
Ion Ratio Lower Upper
248 100
250 96.1 75.0 112.6
141 60.7 55.2 82.8





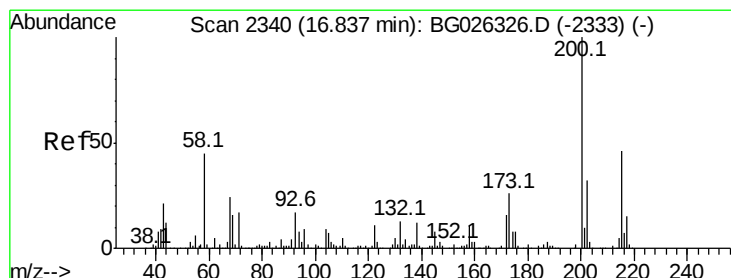
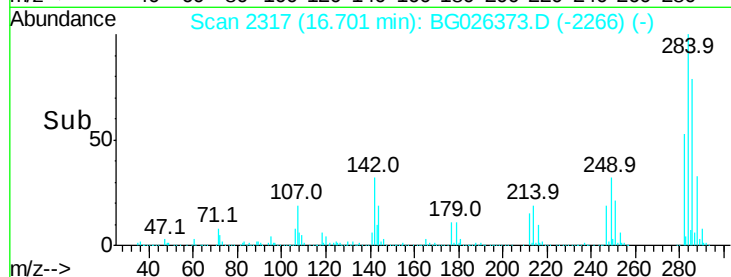
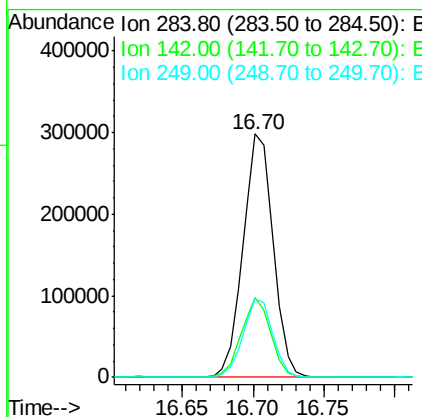
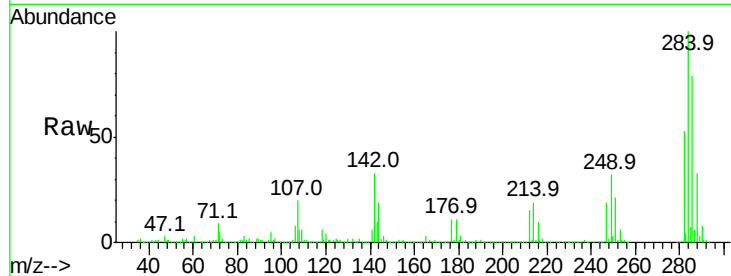
#67
Hexachlorobenzene
Concen: 49.22 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.6	29.9	44.9	
249	32.1	29.2	43.8	

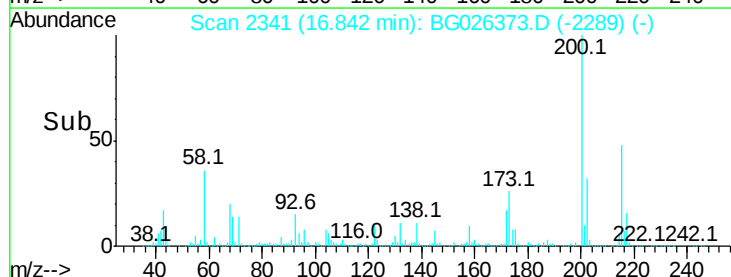
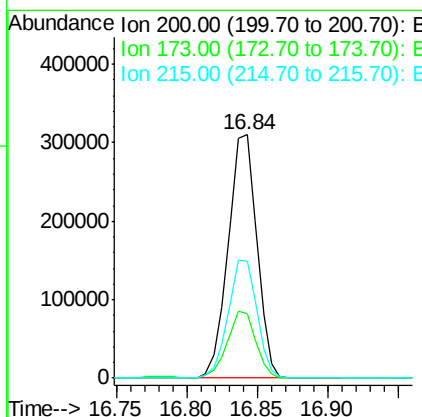
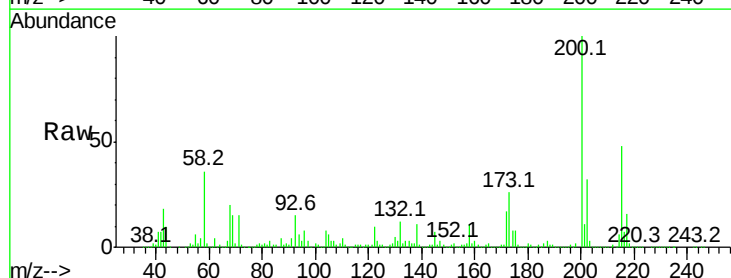
Manual Integrations
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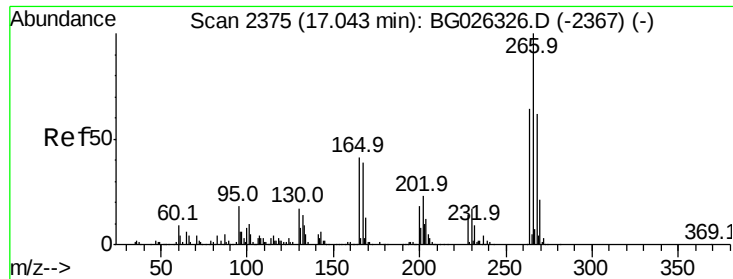
mohammad
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#68
Atrazine
Concen: 48.06 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	3.0	43.0	
215	48.3	28.4	68.4	





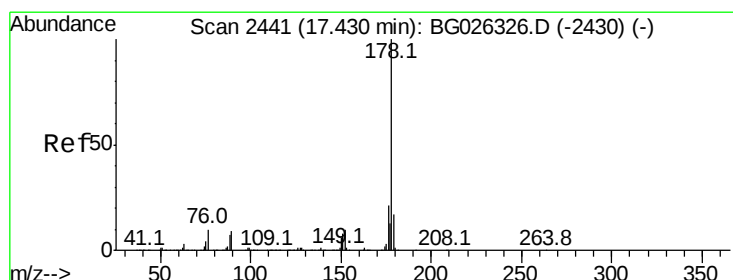
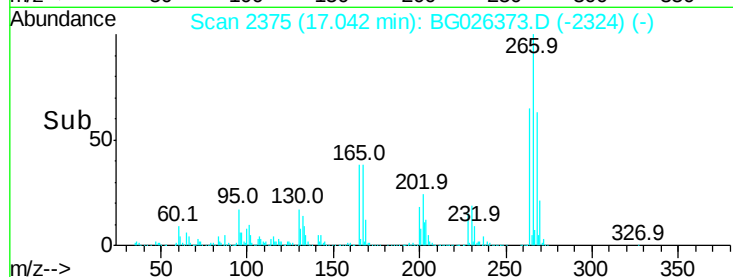
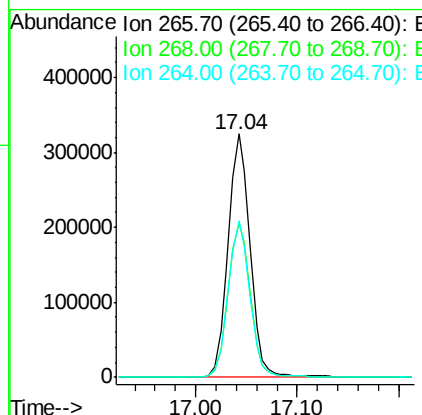
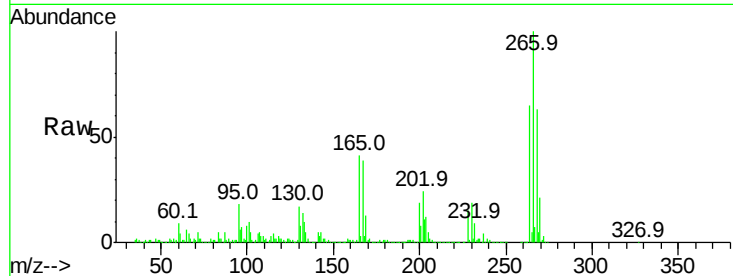
#69
 Pentachlorophenol
 Concen: 83.68 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	490893		
268	63.1		48.6	72.8
264	64.6		50.1	75.1

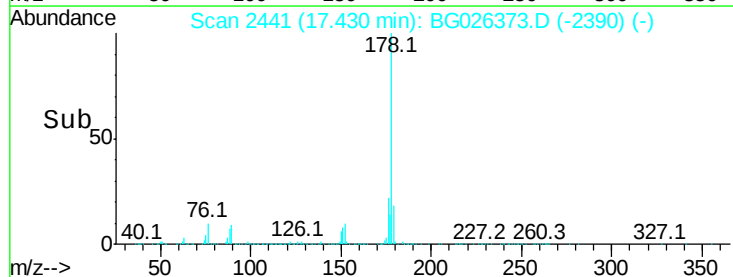
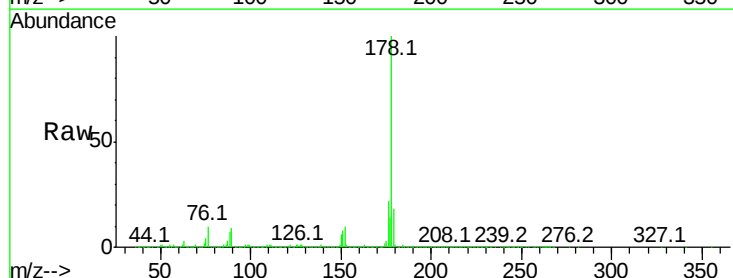
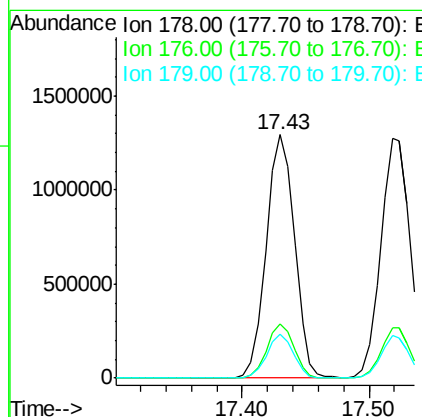
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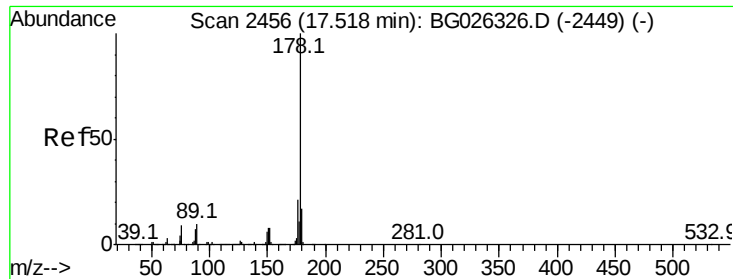
mohammad
 3/23/2017 2:06:54 PM



#70
 Phenanthrene
 Concen: 45.49 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2007497		
176	22.0		17.7	26.5
179	18.0		15.0	22.6





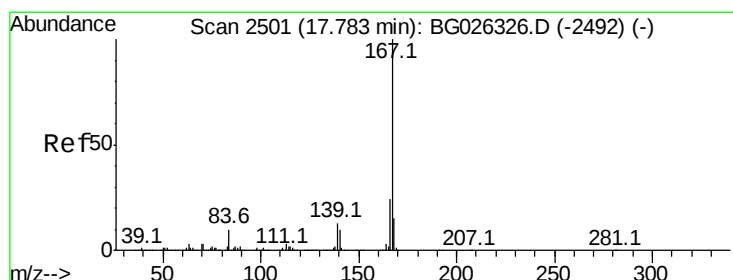
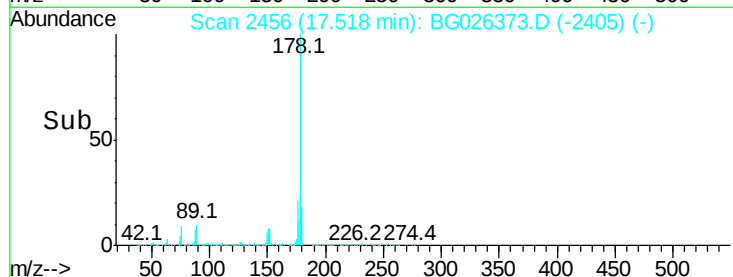
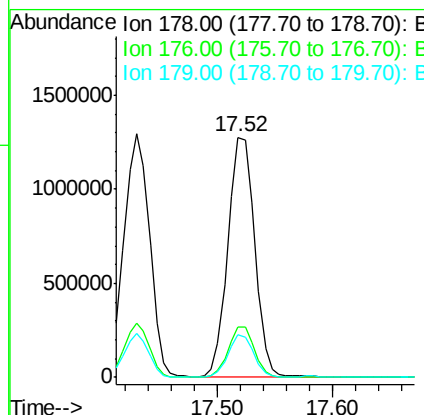
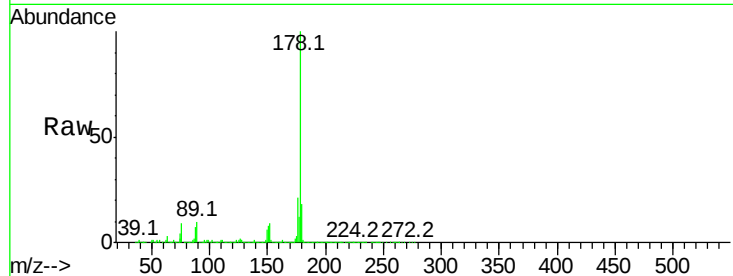
#71
 Anthracene
 Concen: 45.63 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.4	24.6
179	17.8	13.8	20.8

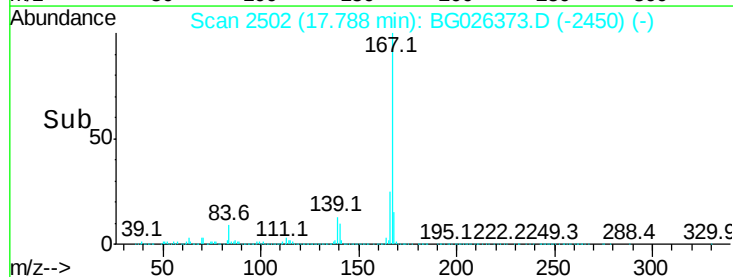
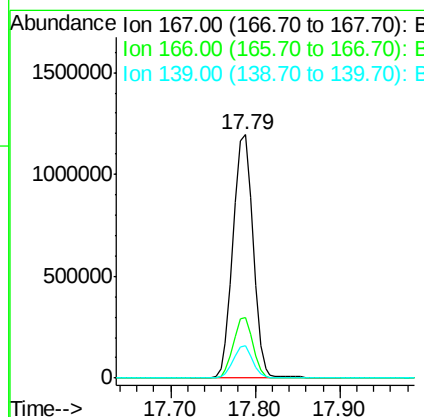
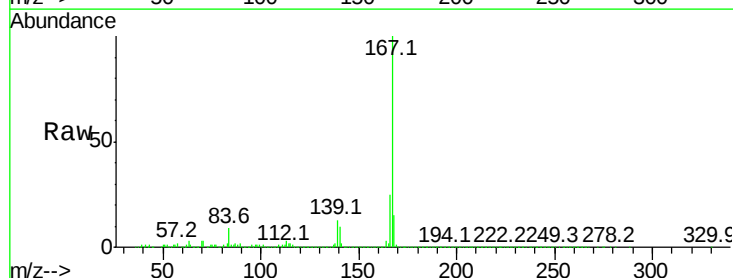
Manual Integrations
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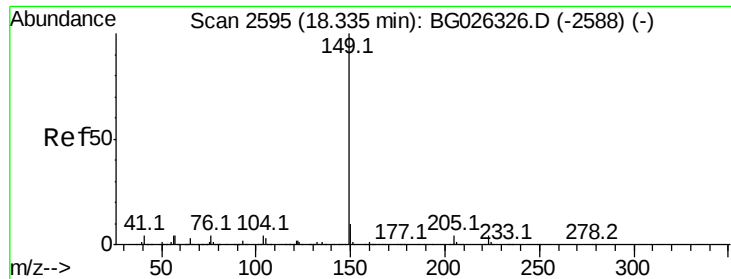
mohammad
 3/23/2017 2:06:54 PM



#72
 Carbazole
 Concen: 42.02 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.7	20.2	30.2
139	13.2	12.8	19.2





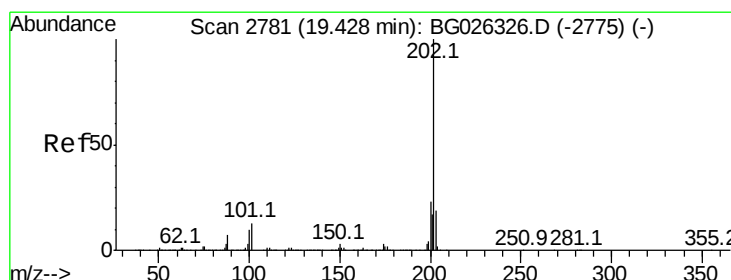
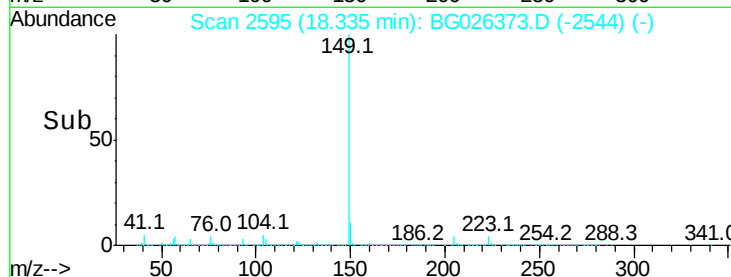
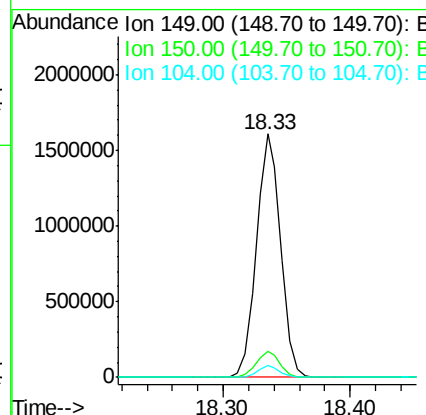
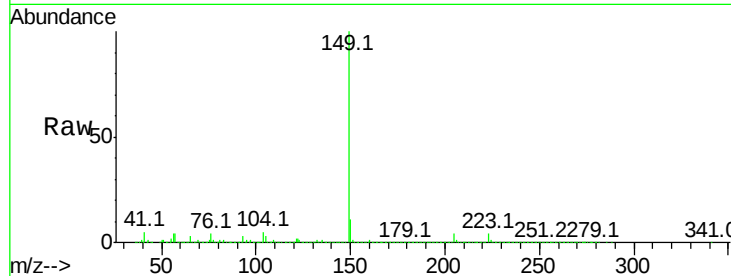
#73
Di-n-butylphthalate
Concen: 44.46 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.1	13.7
104	4.6	6.7	10.1

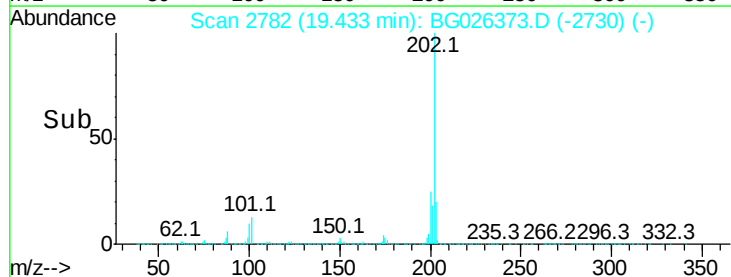
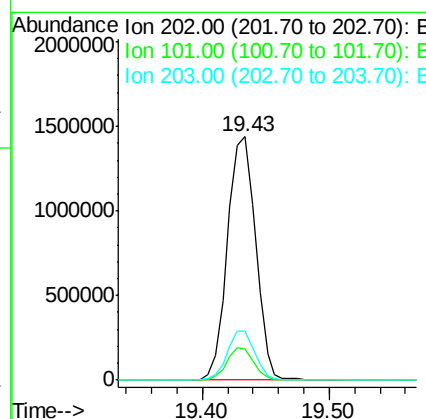
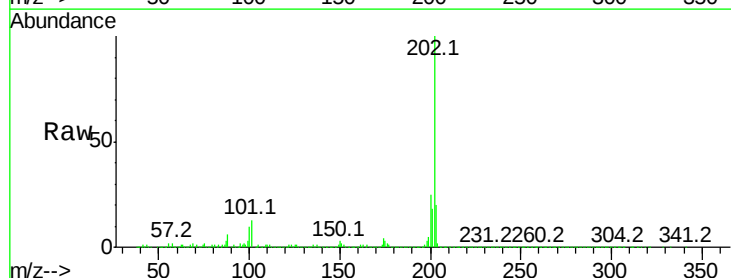
Manual Integrations
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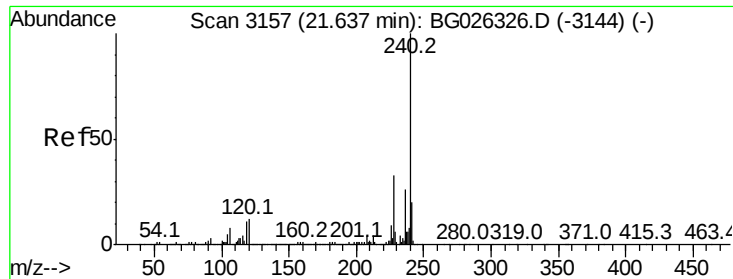
mohammad
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#74
Fluoranthene
Concen: 42.56 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.1
203	20.1	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

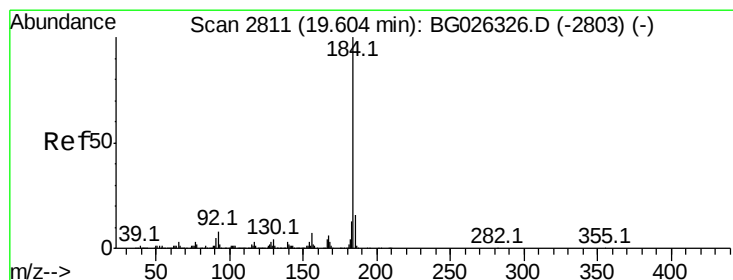
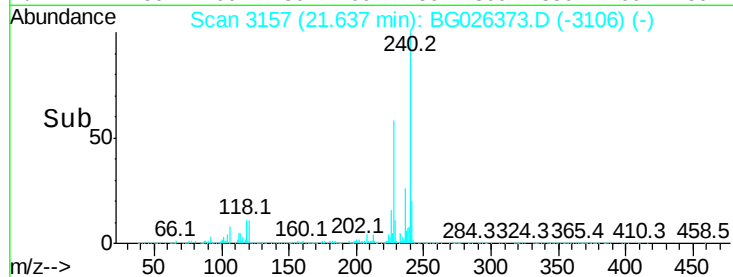
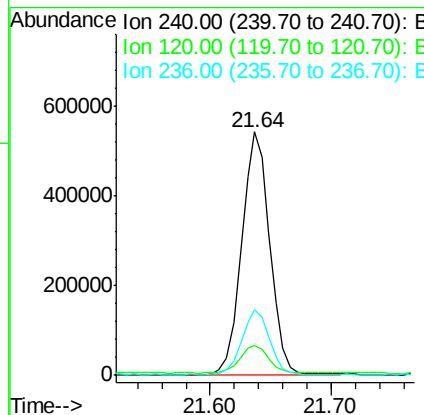
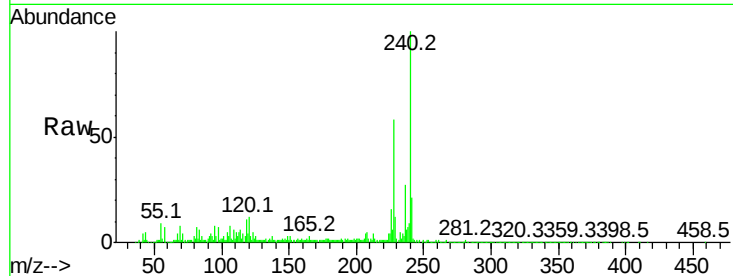
ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.7	8.5#
236	26.8	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 8.14 ng

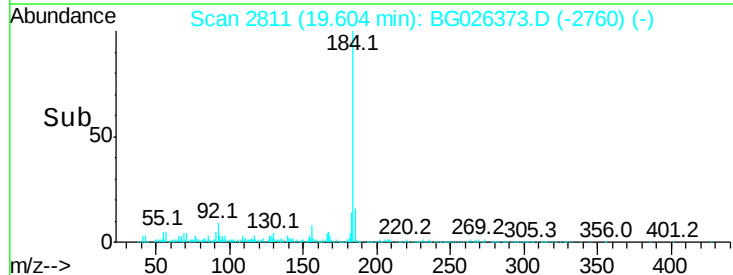
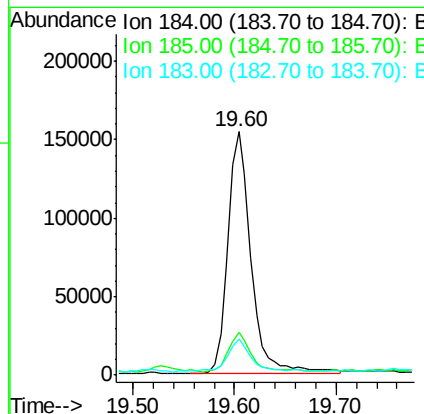
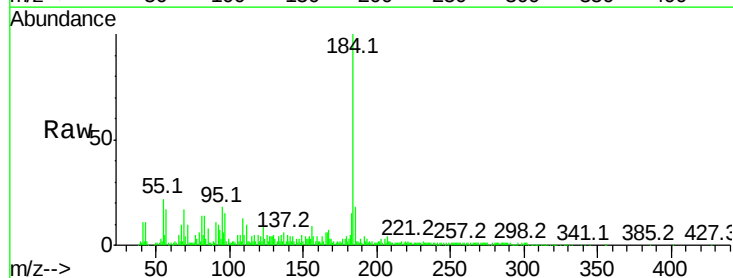
RT: 19.60 min Scan# 2811

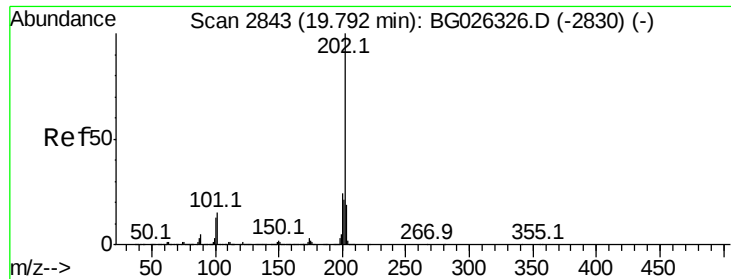
Delta R.T. -0.00 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.8	13.0	19.6
183	14.8	11.0	16.6





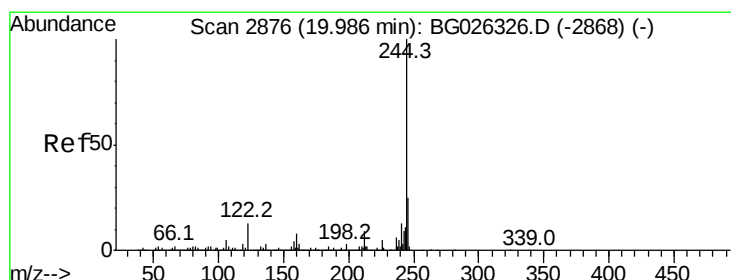
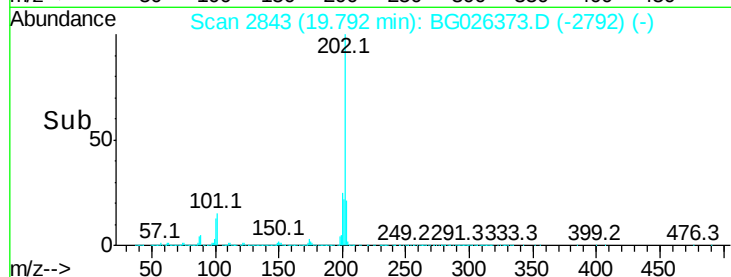
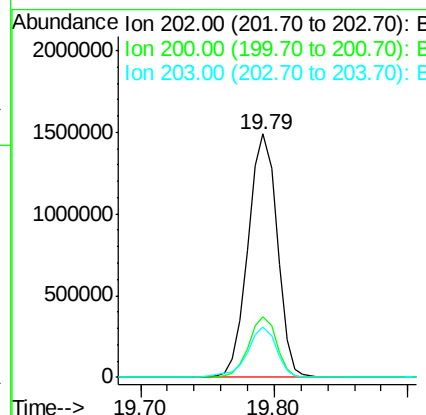
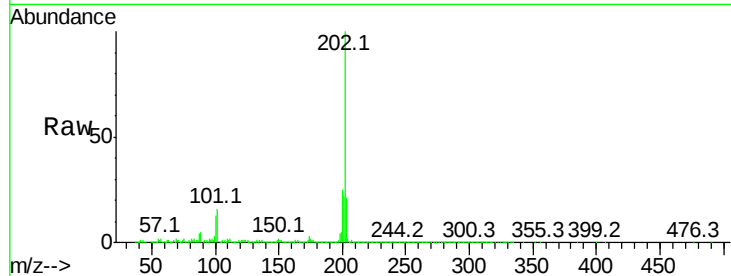
#77
Pvrene
Concen: 44.32 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.9	19.6	29.4
203	20.7	15.8	23.8

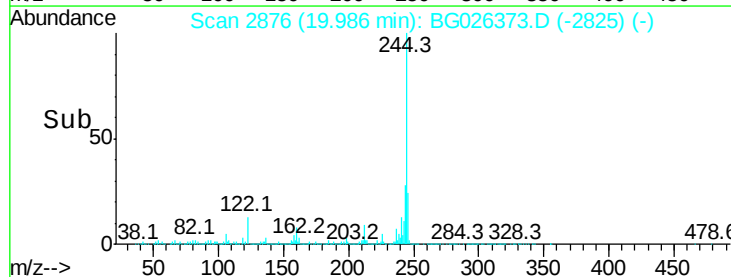
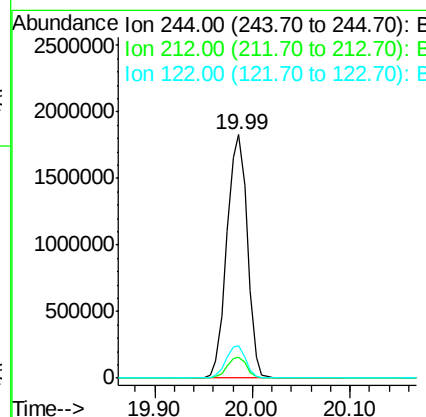
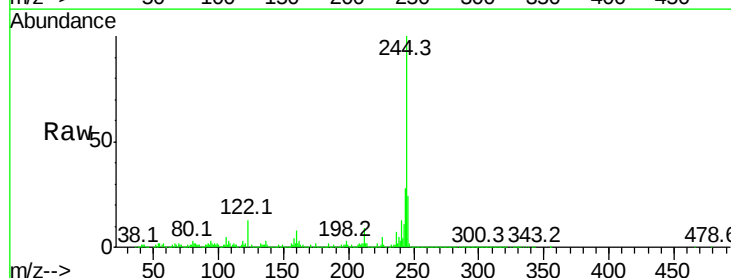
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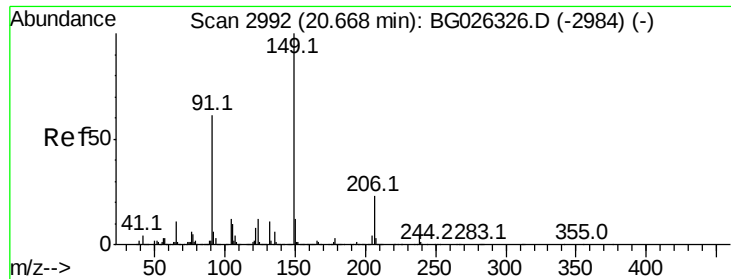
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#78
Terphenyl-d14
Concen: 74.14 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	13.2	8.6	12.8#





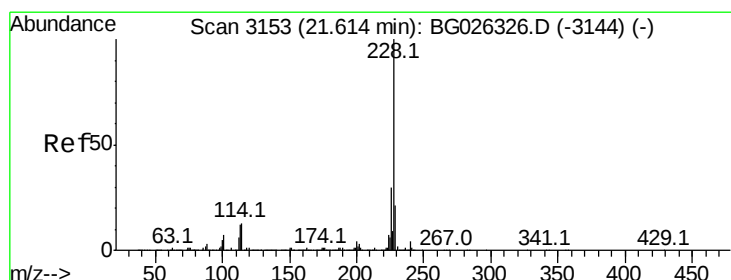
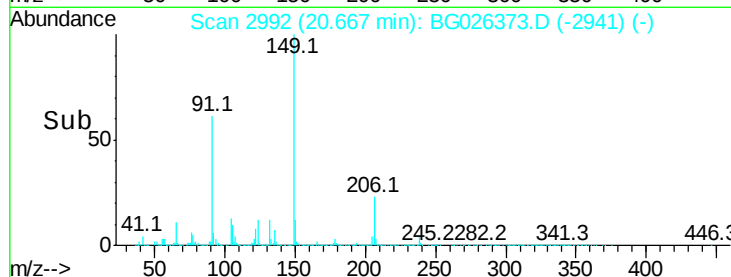
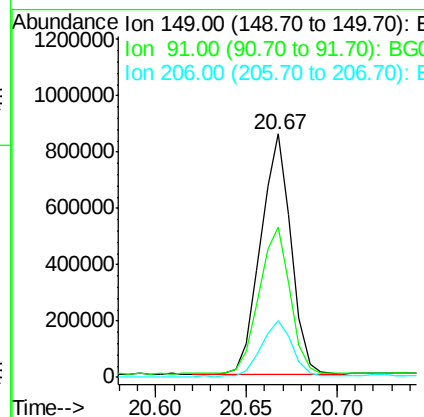
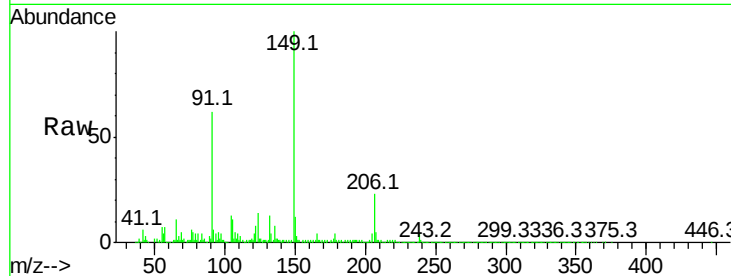
#79
Butylbenzylphthalate
Concen: 49.49 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.8	63.5	95.3#
206	23.1	21.0	31.6

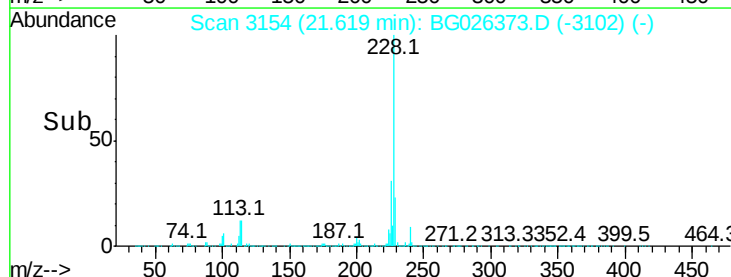
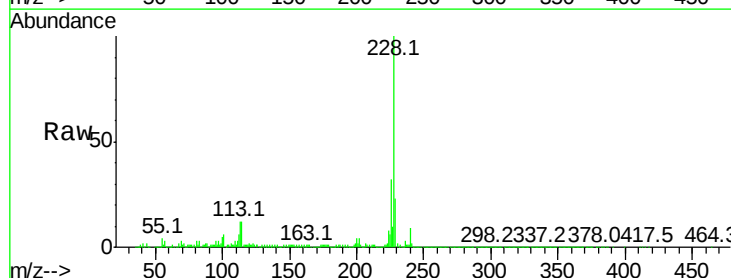
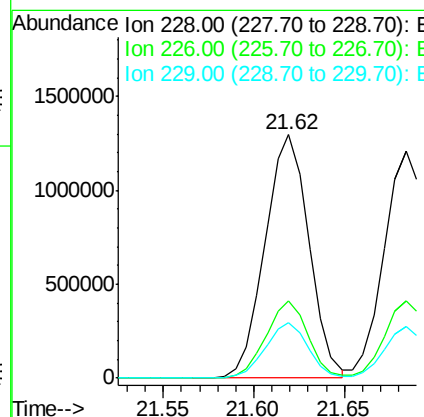
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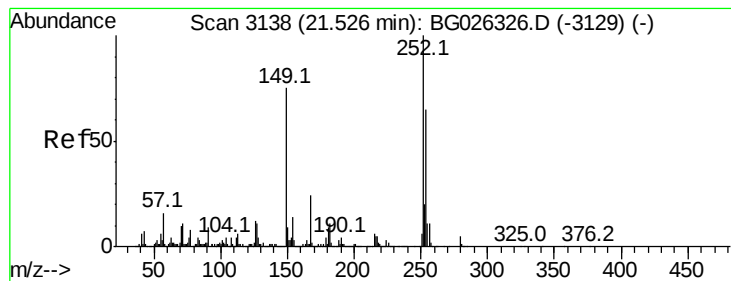
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#80
Benzo(a)anthracene
Concen: 44.56 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.9	18.2	27.2





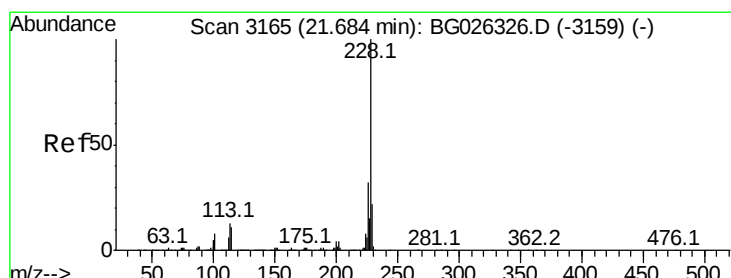
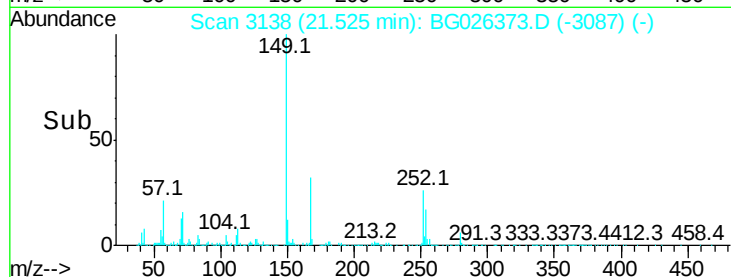
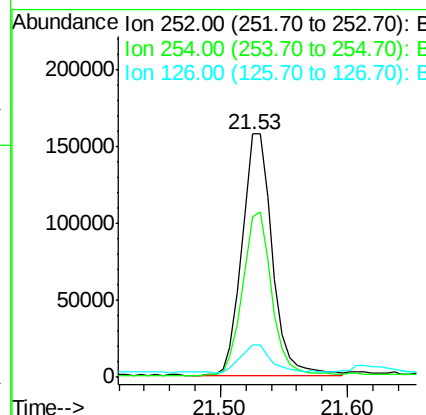
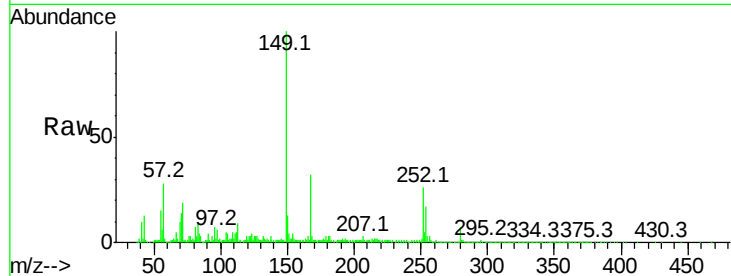
#81
 3,3'-Dichlorobenzidine
 Concen: 12.99 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	13.1	7.0	10.4

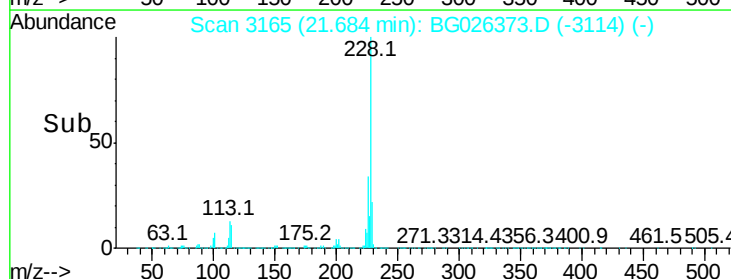
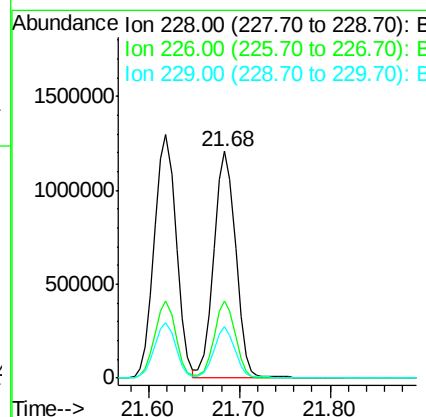
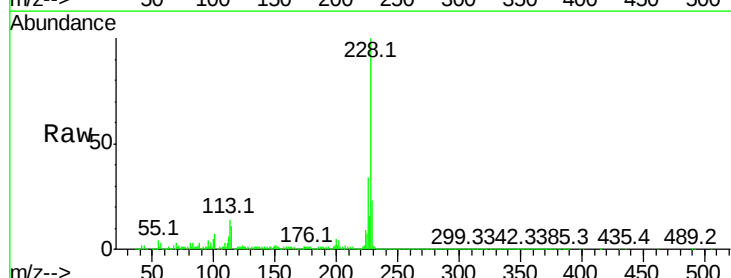
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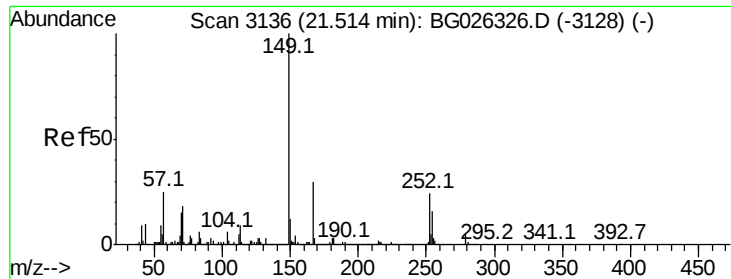
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#82
 Chrysene
 Concen: 43.09 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.4
229	22.7	17.8	26.6





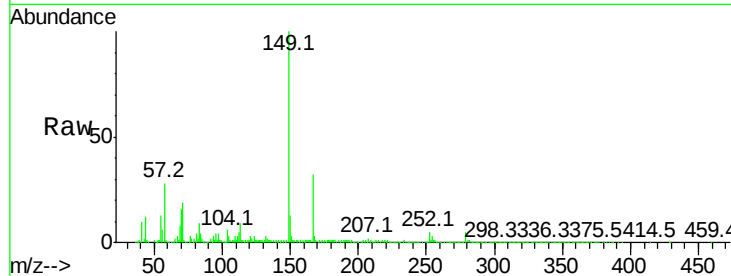
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.86 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

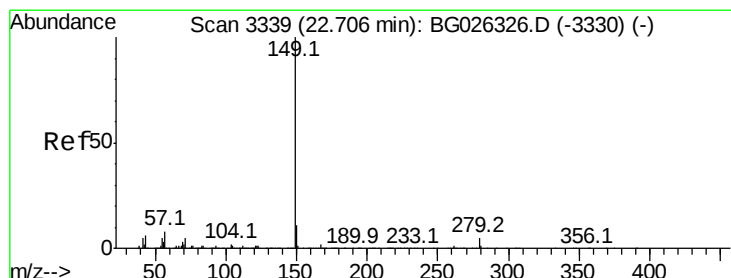
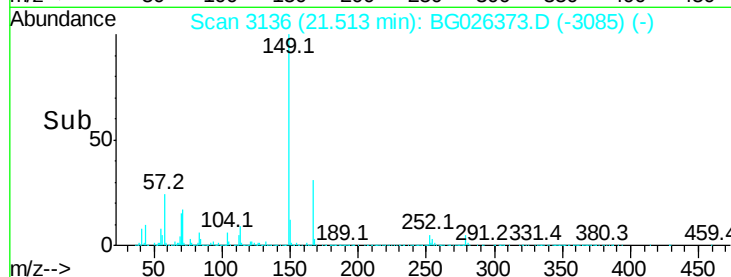
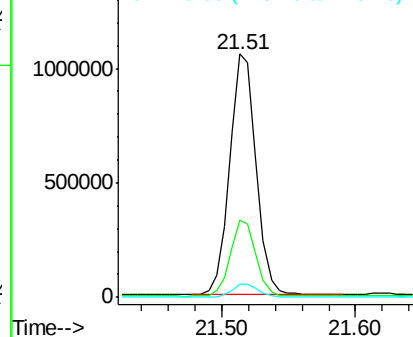
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.7	23.7	35.5
279	5.3	4.6	6.8

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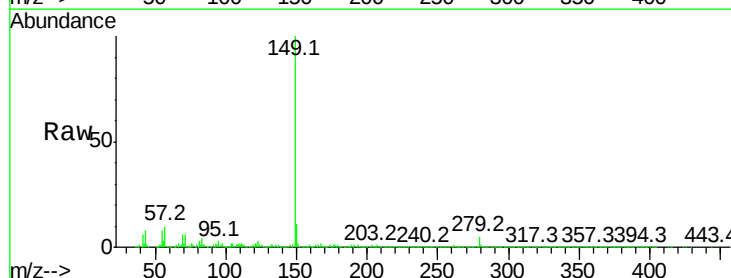


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

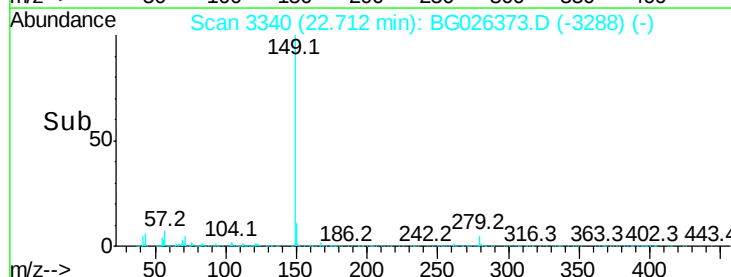
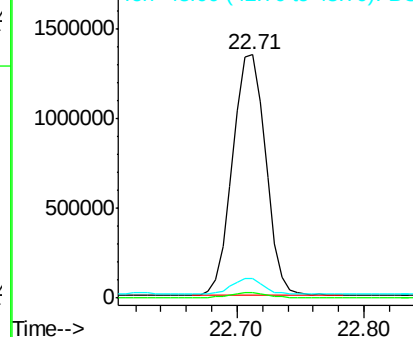


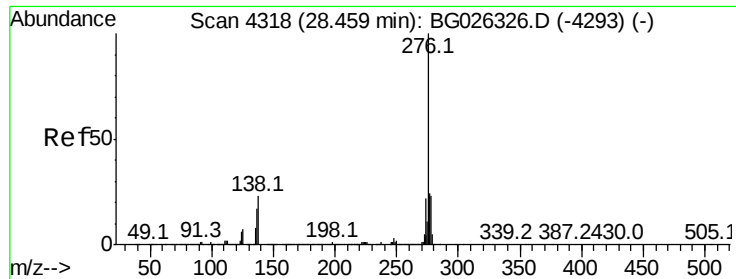
#84
 Di-n-octyl phthalate
 Concen: 46.86 ng
 RT: 22.71 min Scan# 3340
 Delta R.T. 0.01 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	6.3	11.8	17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.68 ng

RT: 28.46 min Scan# 4319

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:276 Resp: 2634375

Ion Ratio Lower Upper

276 100

138 27.3 4.7 7.1#

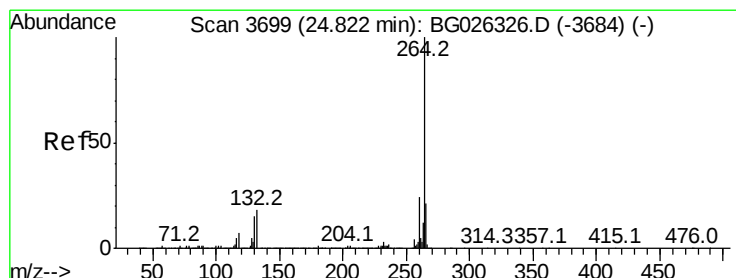
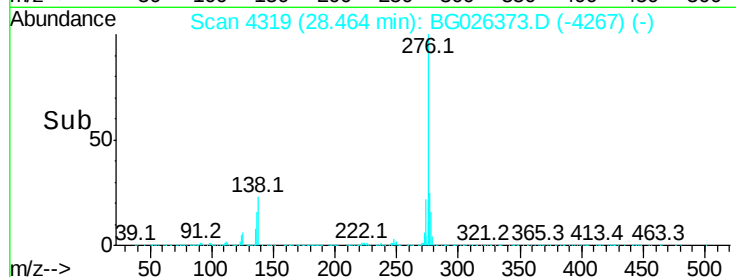
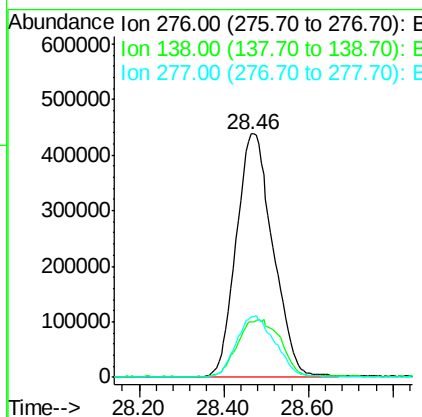
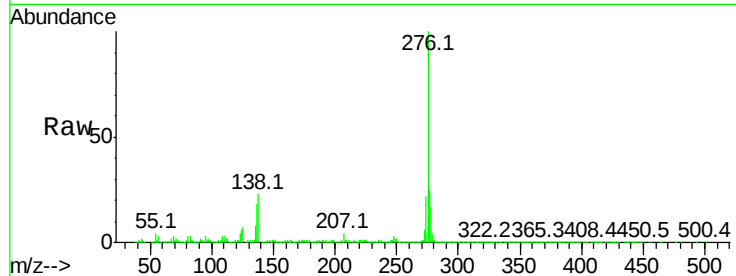
277 26.2 20.6 31.0

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#86

Perylene-d12

Concen: 20.00 ng

RT: 24.83 min Scan# 3700

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

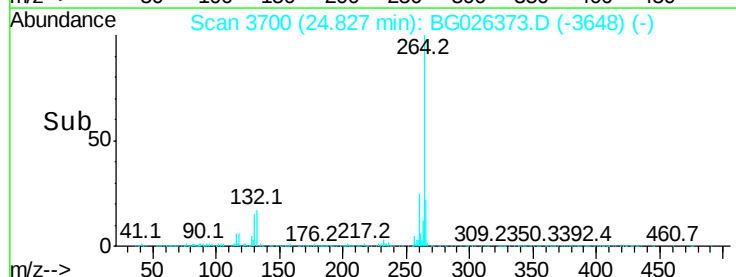
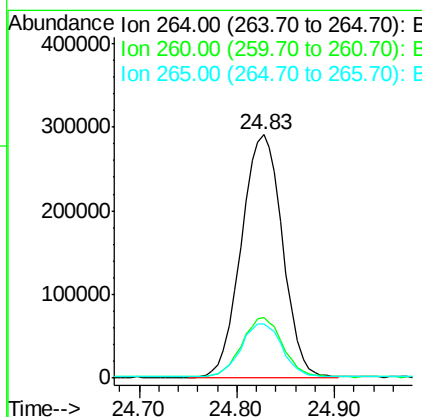
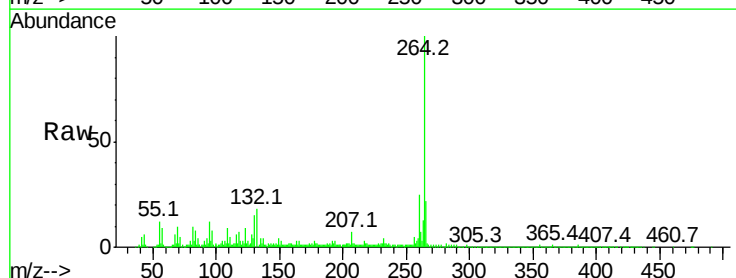
Tgt Ion:264 Resp: 854060

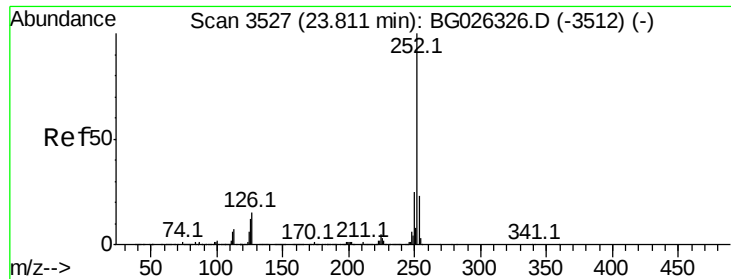
Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.22 ng

RT: 23.82 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Instrument :

BNA_G

ClientSampleId :

SPA-B6(0-5)MSD

Tot Ion:252 Resp: 2276426

Ion Ratio Lower Upper

252 100

253 23.9 18.7 28.1

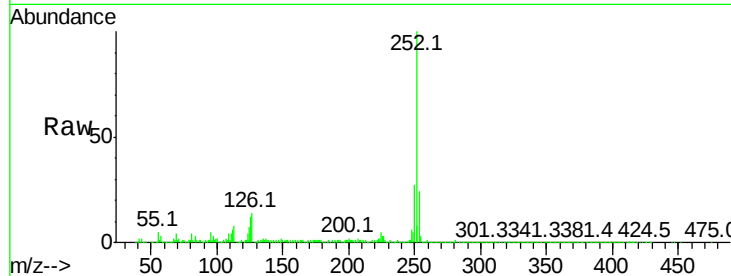
125 12.2 5.3 7.9#

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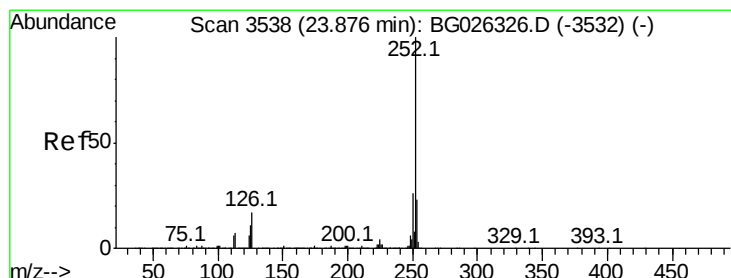
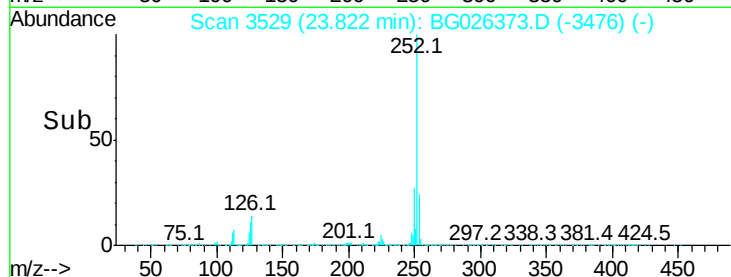
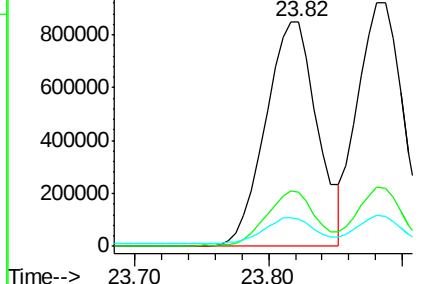
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.03 ng

RT: 23.89 min Scan# 3540

Delta R.T. 0.01 min

Lab File: BG026373.D

Acq: 22 Mar 2017 12:01

Tgt Ion:252 Resp: 2149879

Ion Ratio Lower Upper

252 100

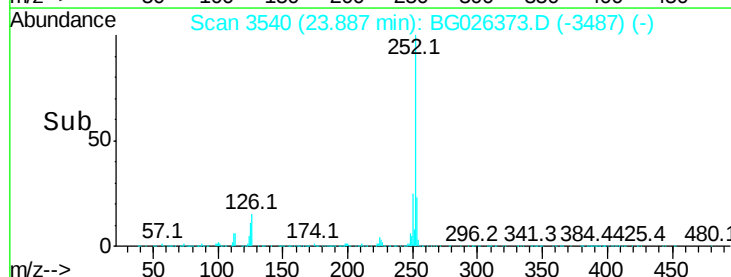
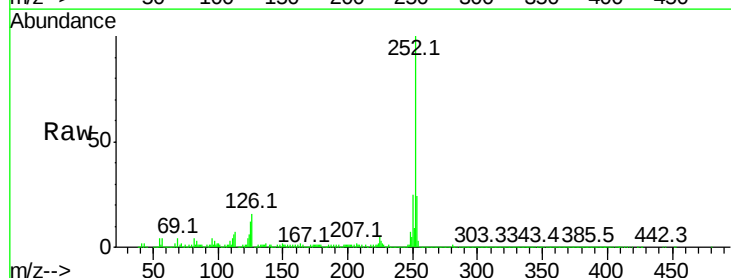
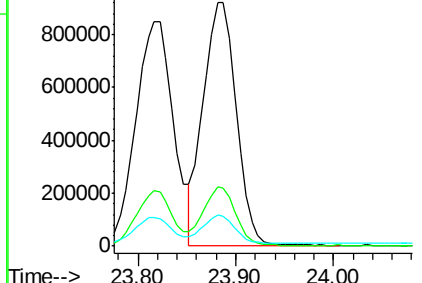
253 23.6 20.2 30.2

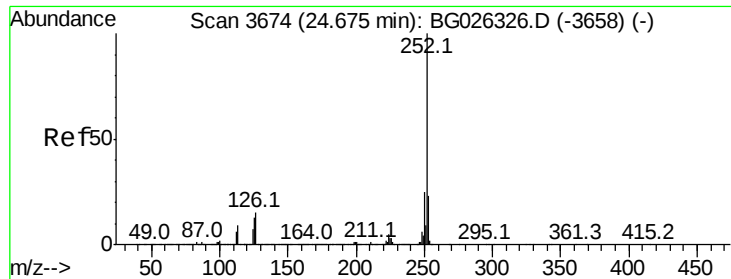
125 12.2 5.1 7.7#

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





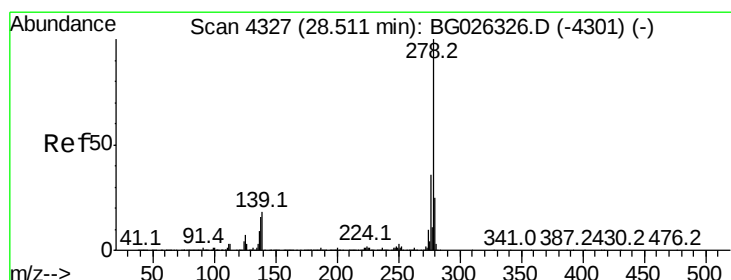
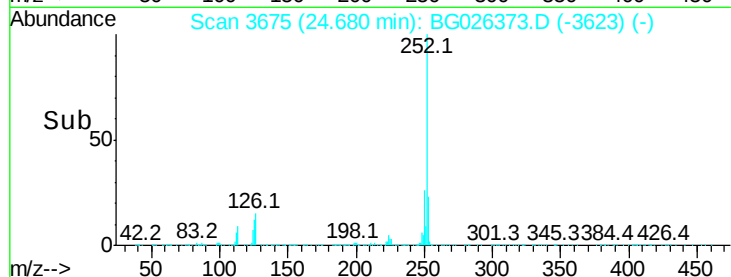
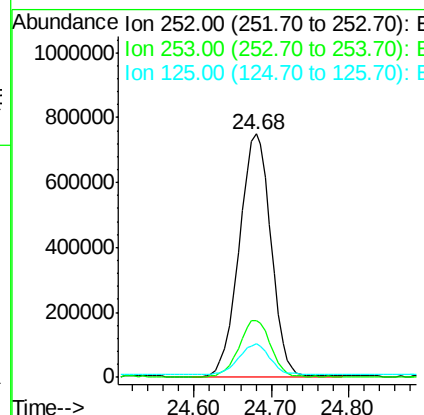
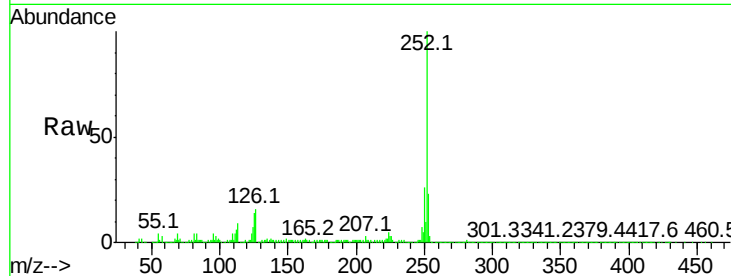
#89
Benzo(a)pyrene
Concen: 44.55 ng
RT: 24.68 min Scan# 3675
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Instrument :
BNA_G
ClientSampleId :
SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	13.6	5.4	8.0

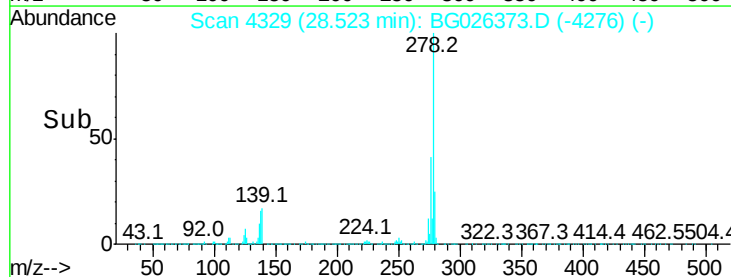
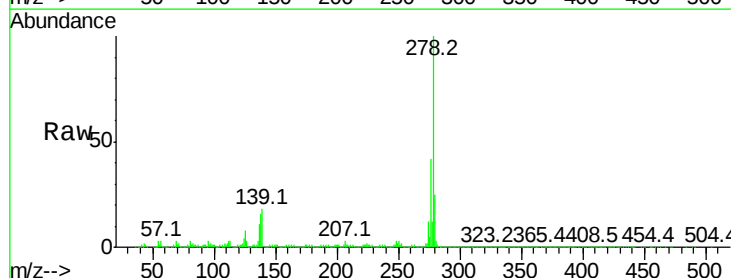
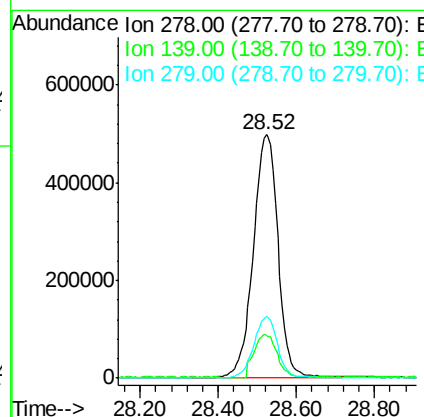
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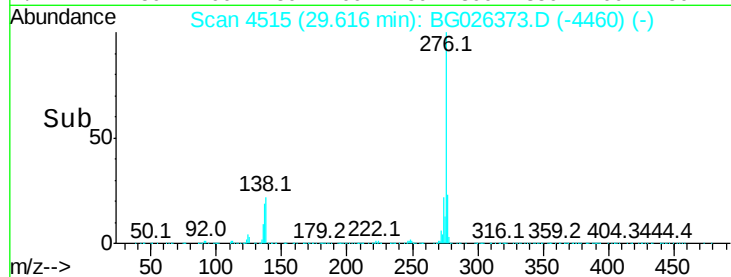
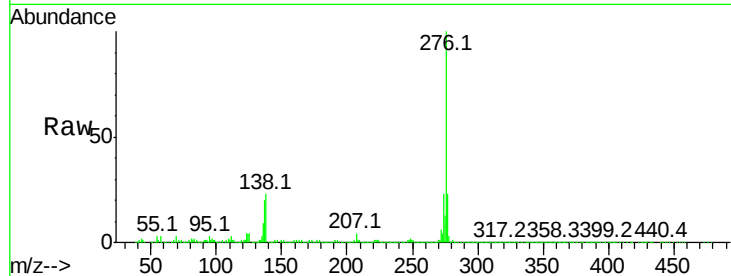
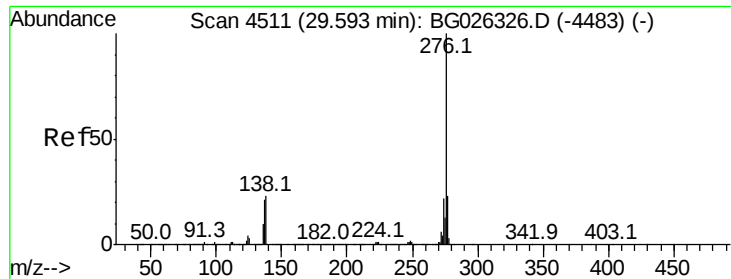
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#90
Dibenzo(a,h)anthracene
Concen: 45.02 ng
RT: 28.52 min Scan# 4329
Delta R.T. 0.01 min
Lab File: BG026373.D
Acq: 22 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	7.7	11.5
279	25.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 44.20 ng
 RT: 29.62 min Scan# 4515
 Delta R.T. 0.02 min
 Lab File: BG026373.D
 Acq: 22 Mar 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SPA-B6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	22.7	8.1	12.1#

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