

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025989.D
 Acq On : 28 Feb 2017 7:40
 Operator : SJ/MA
 Sample : I1989-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Manual Integrations
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Quant Time: Feb 28 08:14:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	91955	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	475263	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	343712	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	832664	20.00	ng	0.00
75) Chrysene-d12	21.66	240	825002	20.00	ng	-0.02
86) Perylene-d12	24.85	264	809307	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	294950	55.84	ng	-0.01
7) Phenol-d6	7.23	99	456913	58.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	254622	33.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	473734	149.18	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1027702	52.25	ng	-0.01
78) Terphenyl-d14	20.01	244	2639282	77.81	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	25750	10.67	ng	# 85
3) Pyridine	3.94	79	23711	3.30	ng	# 78
4) n-Nitrosodimethylamine	3.84	42	31565	12.20	ng	# 21
6) Aniline	7.39	93	82461	7.59	ng	# 93
8) 2-Chlorophenol	7.64	128	96326	15.34	ng	# 85
9) Benzaldehyde	7.21	77	29136	6.29	ng	# 72
10) Phenol	7.26	94	148597	17.50	ng	# 72
11) bis(2-Chloroethyl)ether	7.49	93	86972	12.46	ng	# 90
12) 1,3-Dichlorobenzene	7.97	146	93225	12.85	ng	# 84
13) 1,4-Dichlorobenzene	8.11	146	97099	13.21	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	97686	13.54	ng	# 91
15) Benzyl Alcohol	8.30	79	96817	16.92	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.61	45	110601	10.92	ng	# 89
17) 2-Methylphenol	8.51	107	100669	16.45	ng	# 81
18) Hexachloroethane	9.17	117	31788	13.05	ng	# 89
19) n-Nitroso-di-n-propylamine	8.87	70	94202	16.50	ng	# 75
20) 3+4-Methylphenols	8.83	107	155648	17.85	ng	# 88
22) Acetophenone	8.89	105	171601	15.05	ng	# 77
24) Nitrobenzene	9.27	77	115243	14.15	ng	# 81
25) Isophorone	9.79	82	319445	19.27	ng	# 93
26) 2-Nitrophenol	9.98	139	64496	16.94	ng	# 66
27) 2,4-Dimethylphenol	10.04	122	131346	18.48	ng	# 87
28) bis(2-Chloroethoxy)methane	10.27	93	168585	16.05	ng	# 96
29) 2,4-Dichlorophenol	10.52	162	136376	20.10	ng	# 95
30) 1,2,4-Trichlorobenzene	10.74	180	105203	14.26	ng	# 98
31) Naphthalene	10.92	128	362341	14.75	ng	# 99
32) Benzoic acid	10.12	122	103915	19.15	ng	# 76
33) 4-Chloroaniline	11.02	127	152188	14.26	ng	# 84
34) Hexachlorobutadiene	11.22	225	55131	13.13	ng	# 97
35) Caprolactam	11.78	113	124363m	45.40	ng	# 97
36) 4-Chloro-3-methylphenol	12.13	107	236057	29.08	ng	# 78
37) 2-Methylnaphthalene	12.52	142	357584	19.11	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	159205	18.48	ng	# 97
40) Hexachlorocyclopentadiene	12.87	237	126064	26.74	ng	# 97

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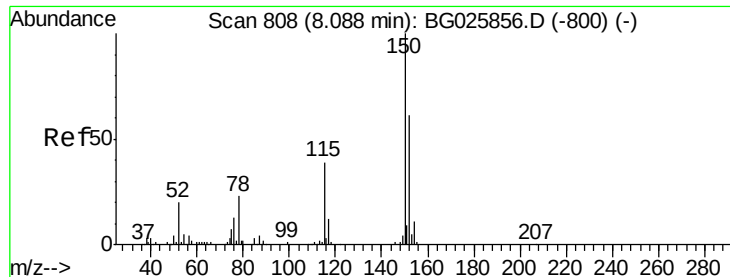
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	164357	29.54	nq	98
43) 2,4,5-Trichlorophenol	13.19	196	196098	31.05	nq	# 93
45) 1,1'-Biphenyl	13.51	154	579529	23.27	nq	97
46) 2-Chloronaphthalene	13.56	162	411295	22.84	nq	97
47) 2-Nitroaniline	13.76	65	201518	35.28	nq	# 70
48) Acenaphthylene	14.40	152	868520	27.09	nq	99
49) Dimethylphthalate	14.13	163	1256580	53.29	nq	98
50) 2,6-Dinitrotoluene	14.24	165	202168	38.17	nq	# 67
51) Acenaphthene	14.74	154	579428	27.37	nq	99
52) 3-Nitroaniline	14.57	138	204080	34.44	nq	# 75
53) 2,4-Dinitrophenol	14.78	184	261294	94.27	nq	# 84
54) Dibenzofuran	15.07	168	932343	33.03	nq	91
55) 4-Nitrophenol	14.87	139	470198	97.51	nq	# 46
56) 2,4-Dinitrotoluene	15.03	165	336473	47.22	nq	# 73
57) Fluorene	15.72	166	857064	33.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	243883	43.77	nq	# 98
59) Diethylphthalate	15.48	149	1001526	41.06	nq	98
60) 4-Chlorophenyl-phenylether	15.71	204	396691	33.94	nq	93
61) 4-Nitroaniline	15.73	138	291827	47.51	nq	# 55
62) Azobenzene	16.00	77	789581	37.66	nq	85
64) 4,6-Dinitro-2-methylphenol	15.79	198	213269	43.77	nq	92
65) n-Nitrosodiphenylamine	15.92	169	849027	33.62	nq	99
66) 4-Bromophenyl-phenylether	16.60	248	296261	33.95	nq	97
67) Hexachlorobenzene	16.72	284	314657	34.98	nq	95
68) Atrazine	16.86	200	328408	36.74	nq	97
69) Pentachlorophenol	17.06	266	456151	82.21	nq	98
70) Phenanthrene	17.45	178	1661037	36.75	nq	96
71) Anthracene	17.55	178	1715766	37.23	nq	99
72) Carbazole	17.80	167	1721133	37.18	nq	96
73) Di-n-butylphthalate	18.36	149	2008474	44.20	nq	# 94
74) Fluoranthene	19.45	202	2037621	40.94	nq	95
76) Benzidine	19.62	184	523866	20.12	nq	98
77) Pyrene	19.81	202	2078500	39.84	nq	99
79) Butylbenzylphthalate	20.69	149	967410	48.86	nq	# 85
80) Benzo(a)anthracene	21.63	228	2055154	42.67	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	635039	36.98	nq	# 97
82) Chrysene	21.71	228	1892998	40.87	nq	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1351864	47.28	nq	97
84) Di-n-octyl phthalate	22.75	149	2367797	50.15	nq	# 85
85) Indeno(1,2,3-cd)pyrene	28.51	276	2559222	46.91	nq	# 88
87) Benzo(b)fluoranthene	23.84	252	2142436	44.20	nq	# 97
88) Benzo(k)fluoranthene	23.91	252	2118993	44.81	nq	# 93
89) Benzo(a)pyrene	24.71	252	2092735	45.60	nq	# 96
90) Dibenzo(a,h)anthracene	28.57	278	2099447	45.53	nq	# 93
91) Benzo(g,h,i)perylene	29.64	276	2119946	45.86	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

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Instrument :

BNA_G

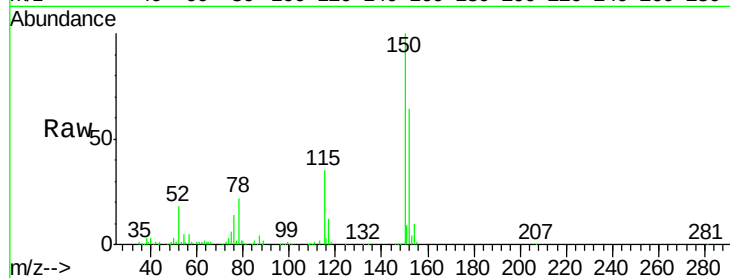
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

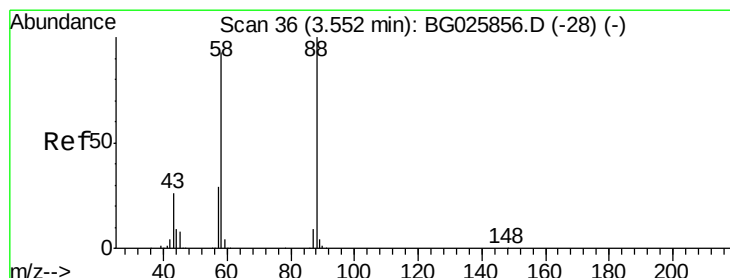
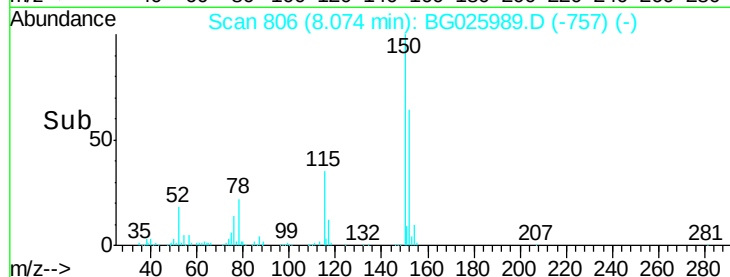
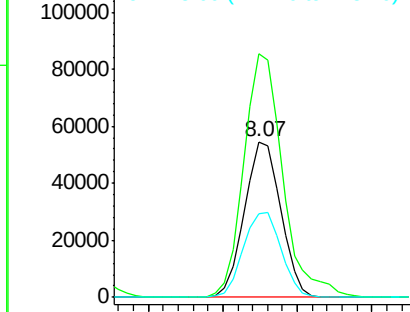
Tot Ion:	152	Resp:	91955
Ion	Ratio	Lower	Upper
152	100		
150	156.3	114.0	171.0
115	53.9	48.1	72.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.67 ng

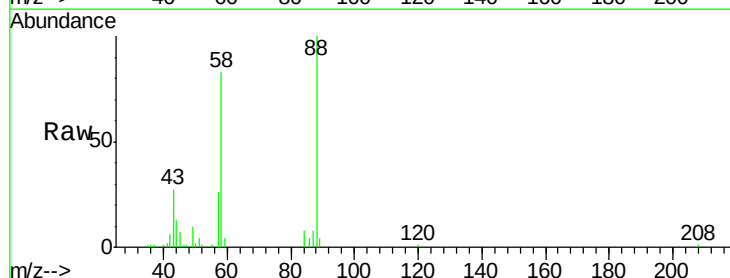
RT: 3.54 min Scan# 34

Delta R.T. -0.01 min

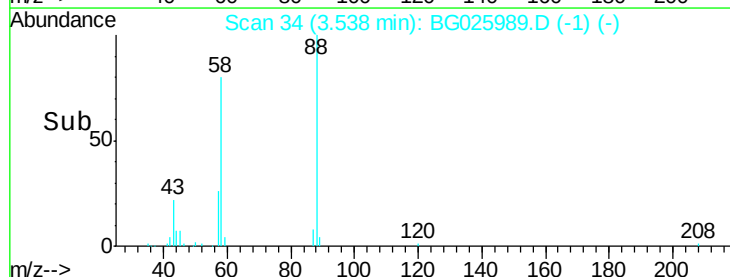
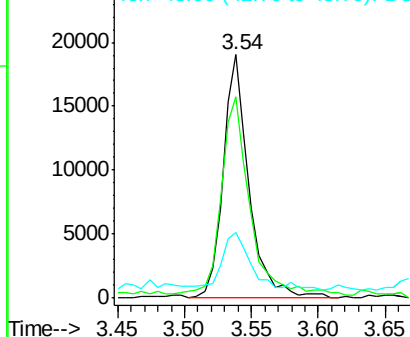
Lab File: BG025989.D

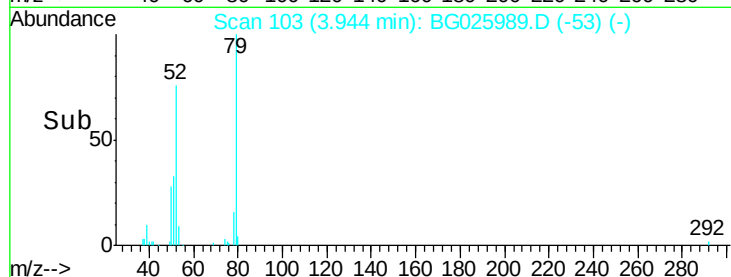
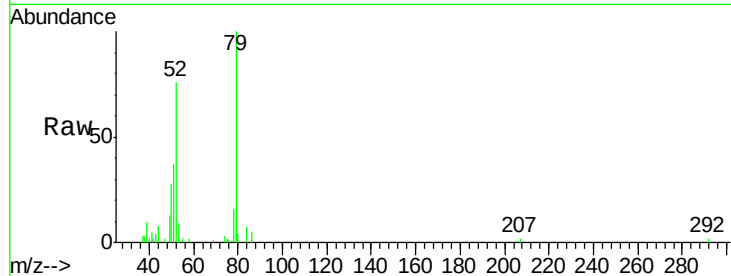
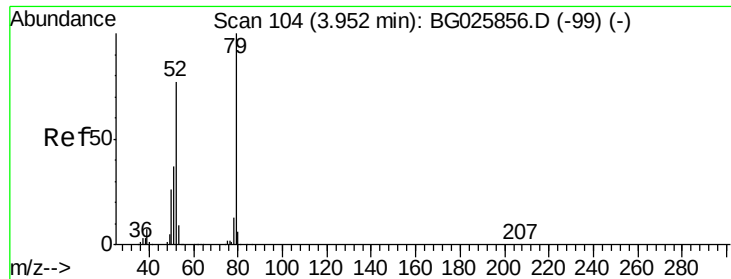
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Tgt Ion:	88	Resp:	25750
Ion	Ratio	Lower	Upper
88	100		
58	90.0	79.4	119.2
43	24.7	33.8	50.6#



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





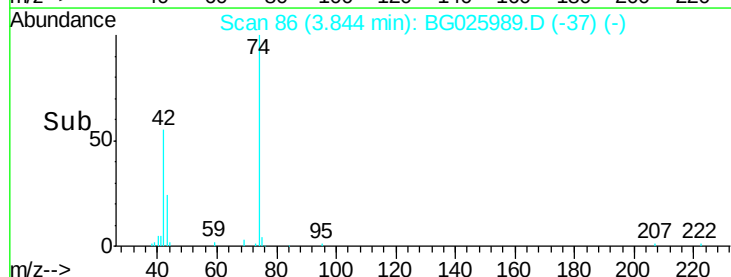
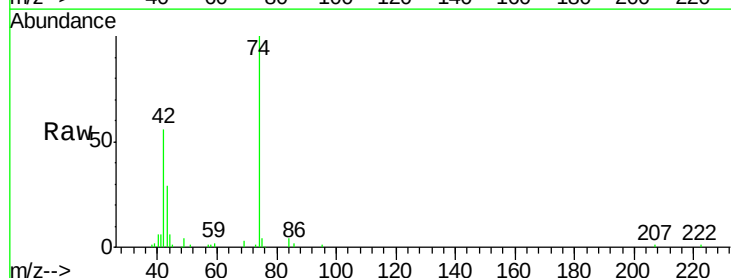
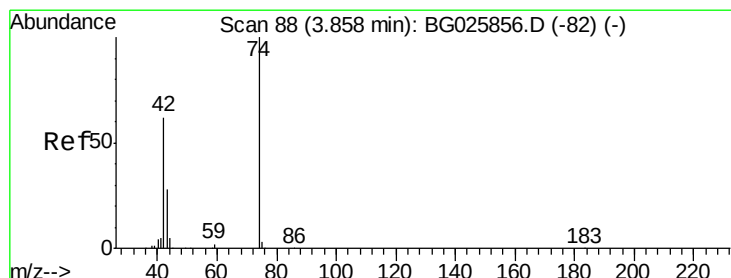
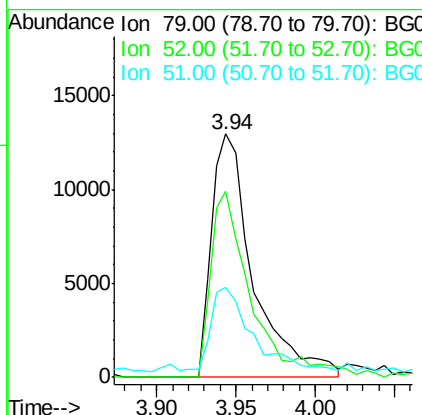
#3
 Pvridine
 Concen: 3.30 ng
 RT: 3.94 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.4	77.8	116.6#
51	36.8	43.2	64.8#

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

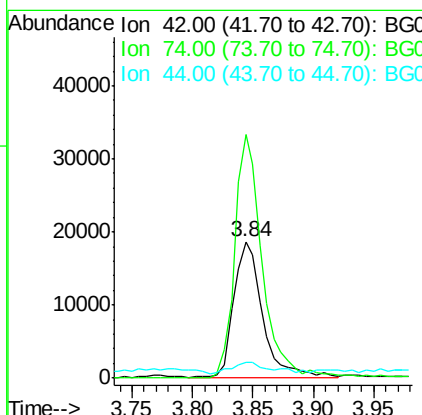
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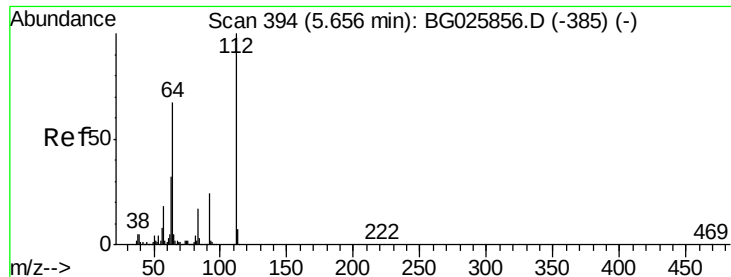
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#4
 n-Nitrosodimethylamine
 Concen: 12.20 ng
 RT: 3.84 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	178.3	76.7	115.1#
44	11.1	6.1	9.1#





#5

2-Fluorophenol

Concen: 55.84 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

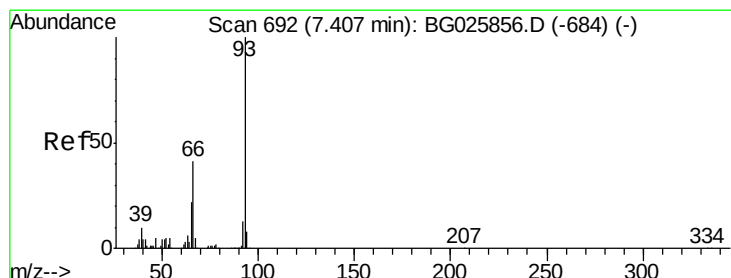
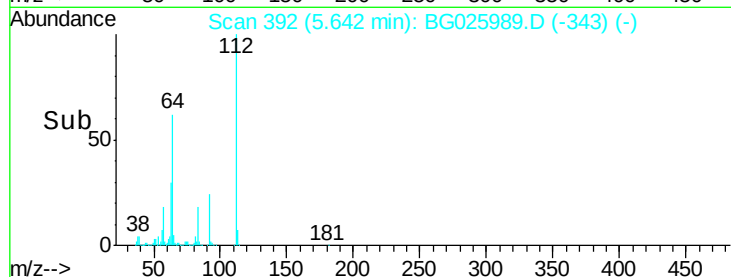
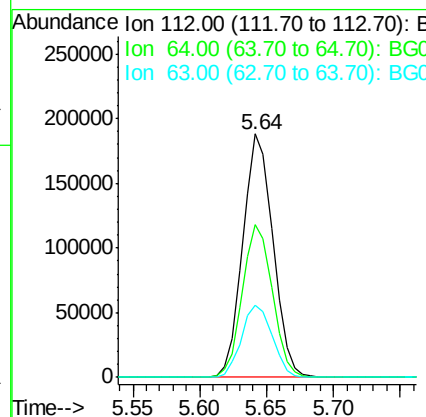
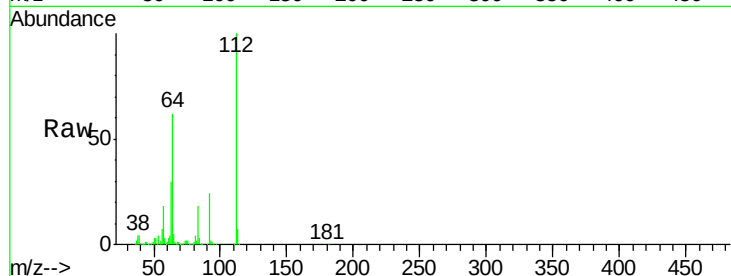
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	62.5	61.8	92.6
63	29.7	37.2	55.8#

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#6

Aniline

Concen: 7.59 ng

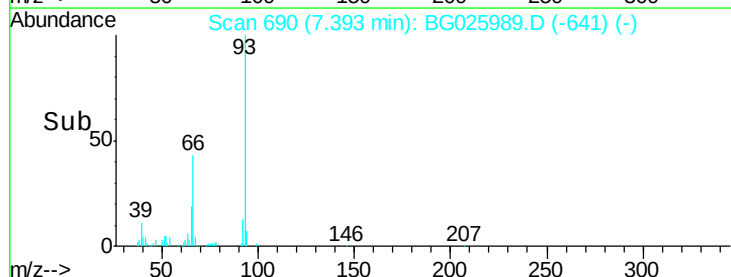
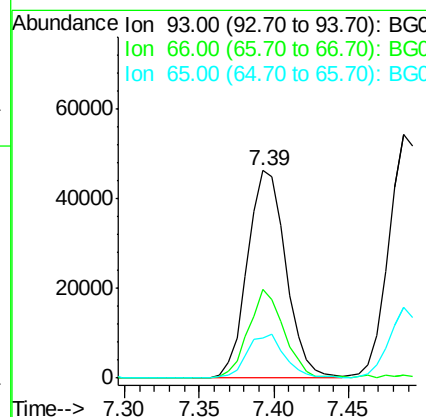
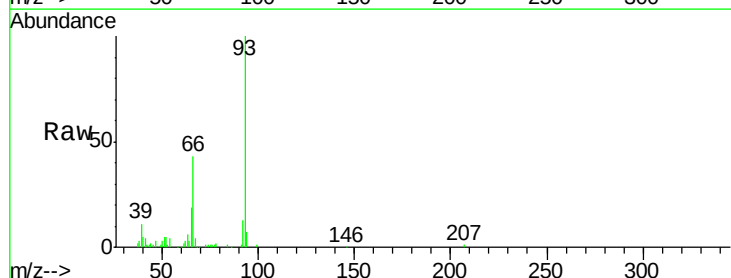
RT: 7.39 min Scan# 690

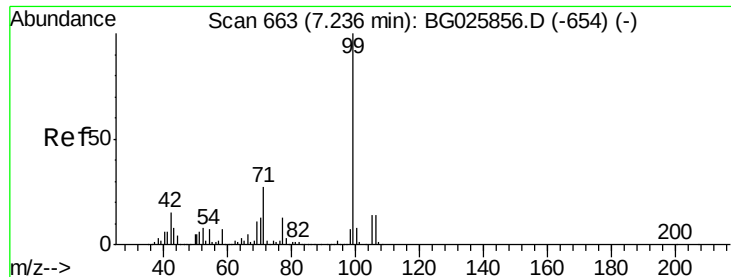
Delta R.T. -0.01 min

Lab File: BG025989.D

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Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.9	35.4	53.2
65	19.5	21.2	31.8#





#7

Phenol-d6

Concen: 58.46 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

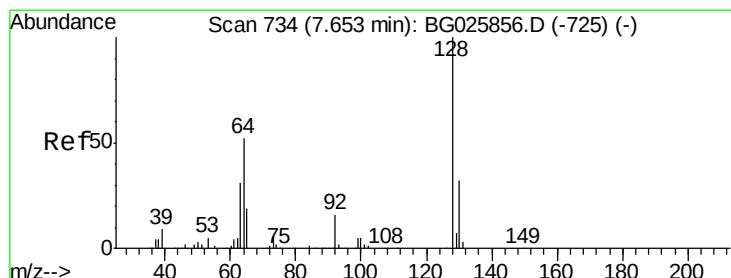
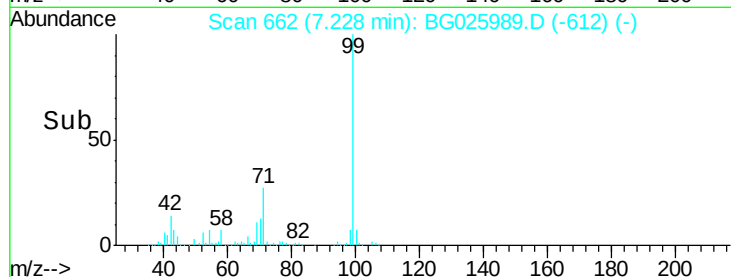
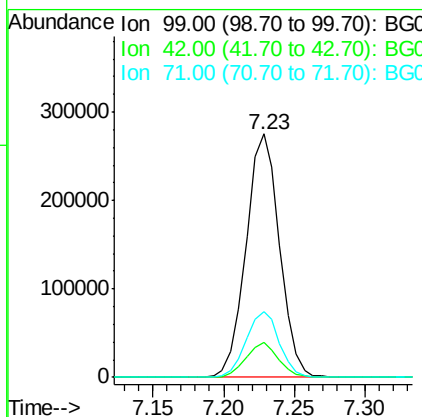
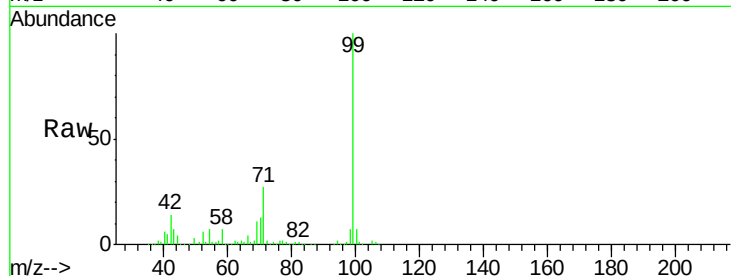
ClientSampleId :

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Tot Ion:	99	Resp:	456913
Ion Ratio	Lower	Upper	
99	100		
42	14.2	20.5	30.7#
71	27.1	37.6	56.4#

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#8

2-Chlorophenol

Concen: 15.34 ng

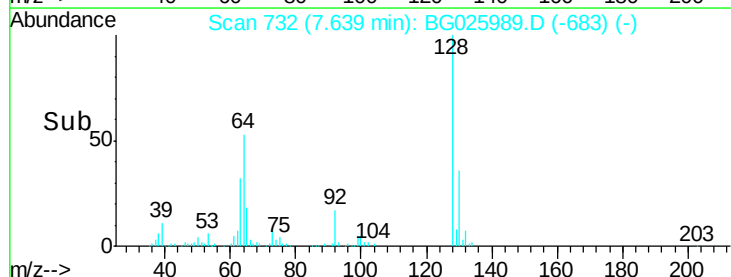
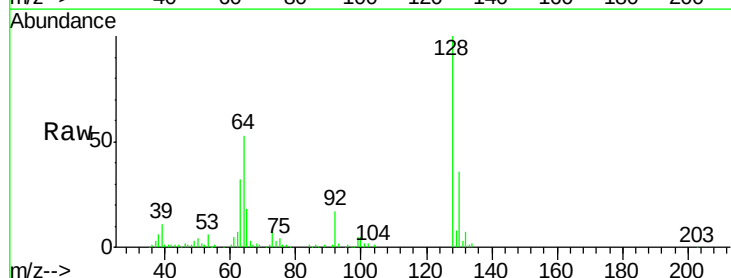
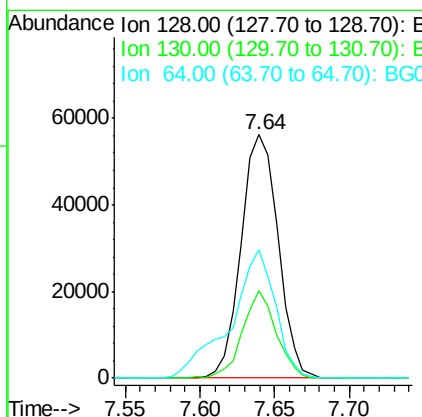
RT: 7.64 min Scan# 732

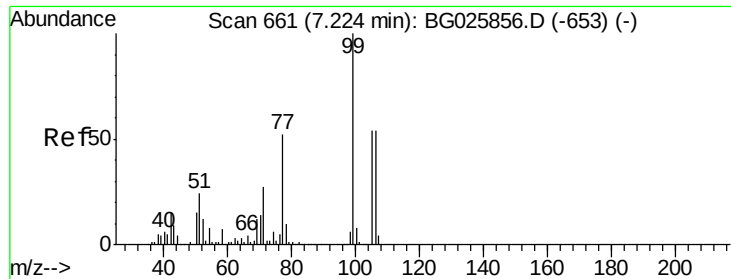
Delta R.T. -0.01 min

Lab File: BG025989.D

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Tgt Ion:	128	Resp:	96326
Ion Ratio	Lower	Upper	
128	100		
130	35.9	11.4	51.4
64	52.6	46.6	86.6





#9

Benzaldehyde

Concen: 6.29 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

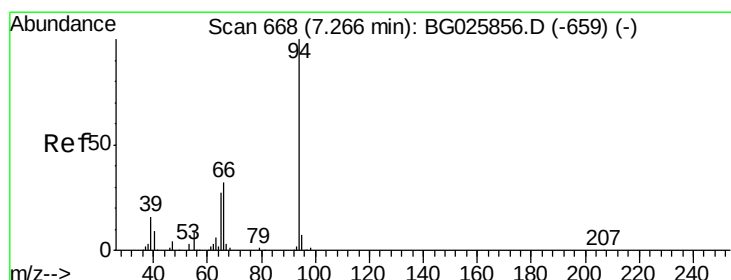
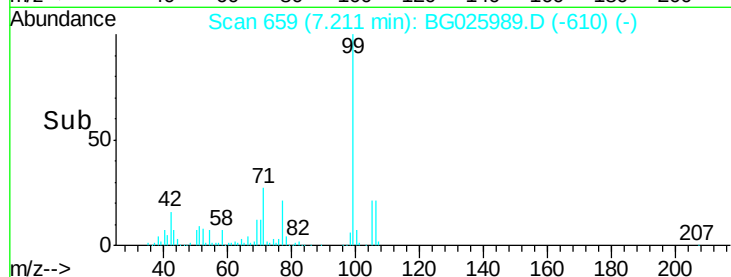
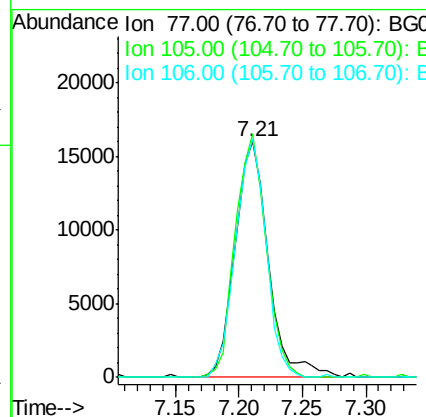
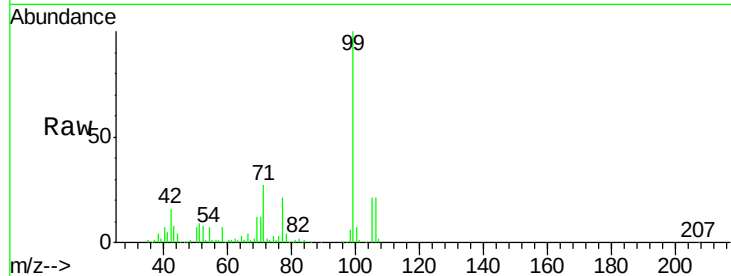
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:	77	Resp:	29136
Ion Ratio	Lower	Upper	
77	100		
105	103.4	60.9	100.9#
106	101.1	55.1	95.1#

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#10

Phenol

Concen: 17.50 ng

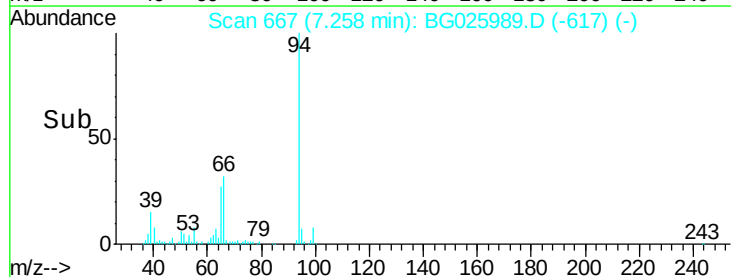
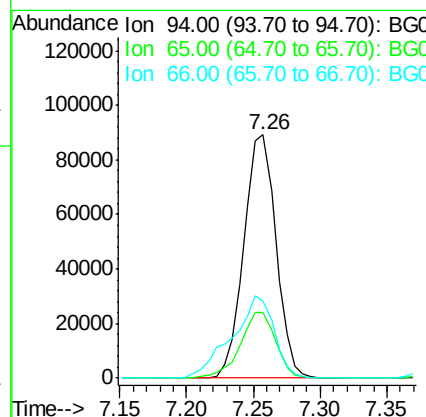
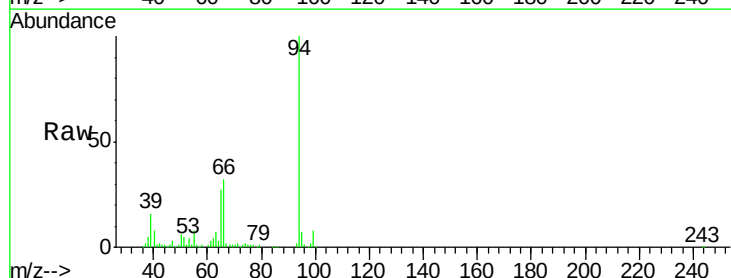
RT: 7.26 min Scan# 667

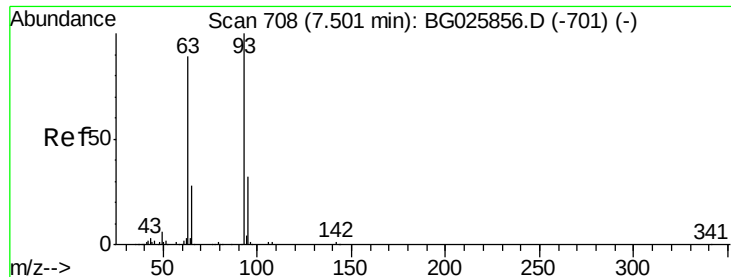
Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tgt Ion:	94	Resp:	148597
Ion Ratio	Lower	Upper	
94	100		
65	27.2	20.6	60.6
66	31.9	35.5	75.5#





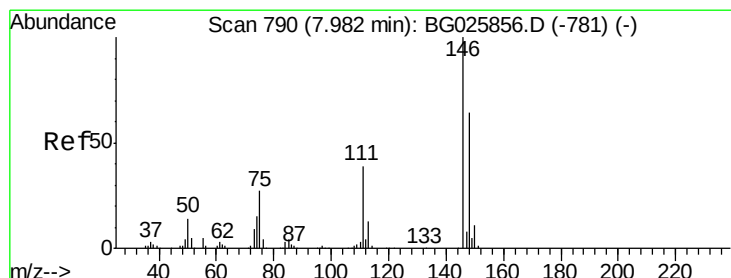
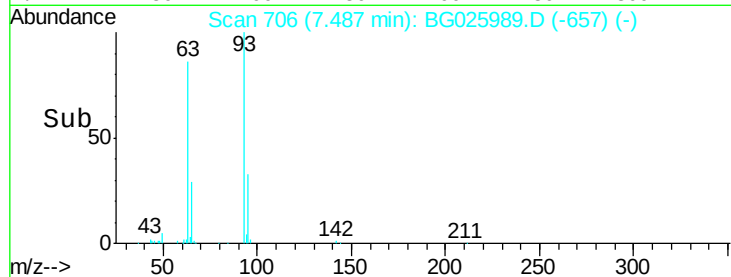
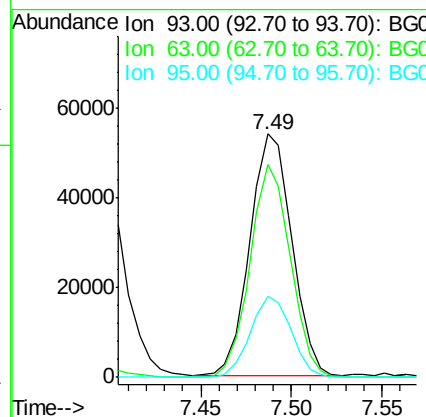
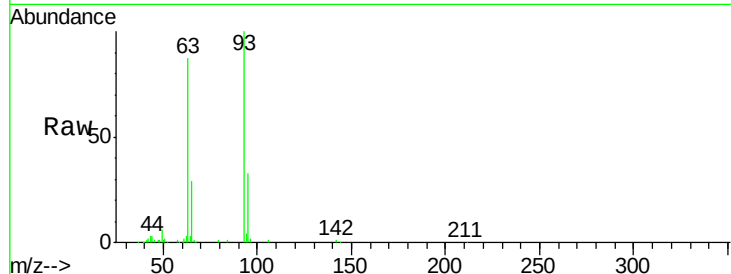
#11
bis(2-Chloroethyl)ether
Concen: 12.46 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	78.5	118.5
95	33.3	9.8	49.8

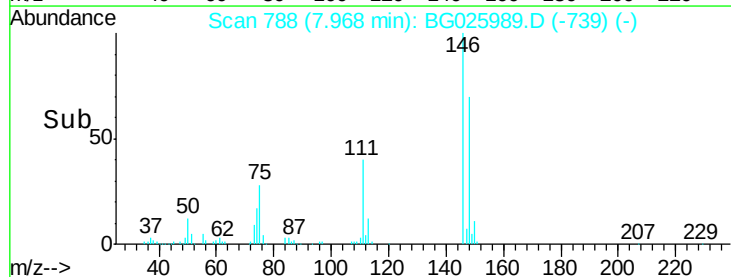
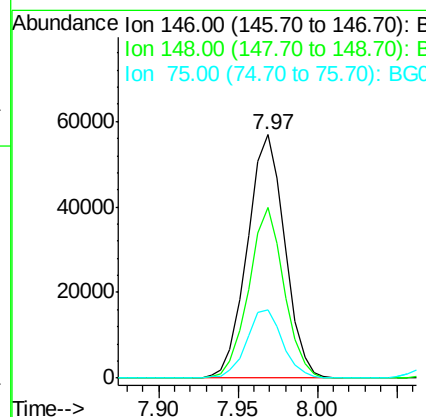
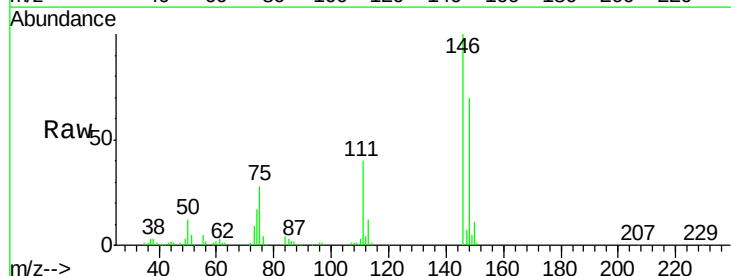
Manual Integrations
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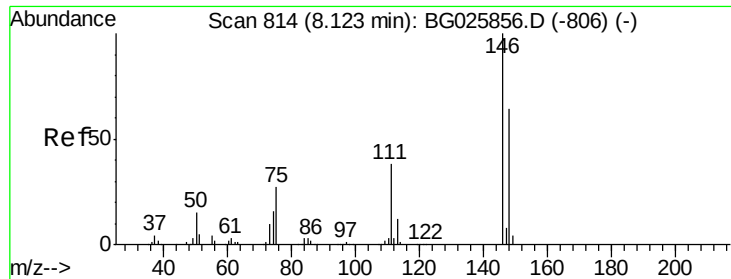
mohammad
3/1/2017 12:37:57 PM



#12
1,3-Dichlorobenzene
Concen: 12.85 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.3	49.2	73.8
75	28.1	33.4	50.2





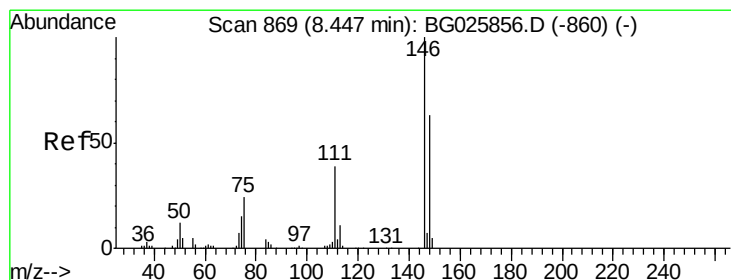
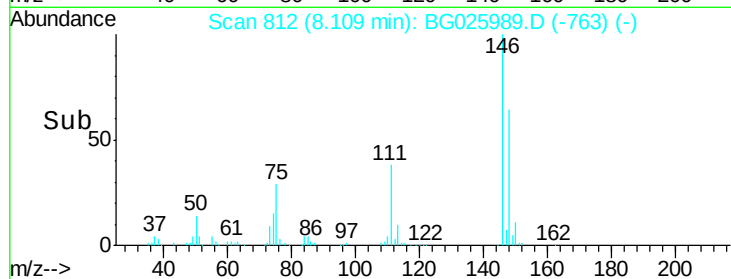
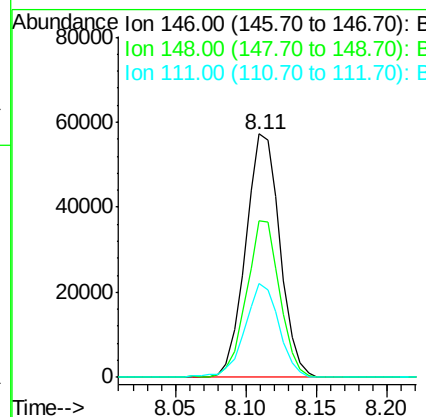
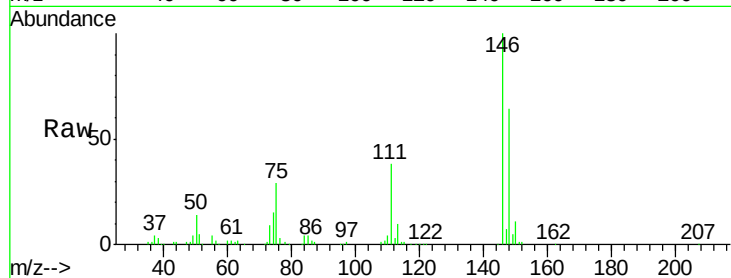
#13
 1,4-Dichlorobenzene
 Concen: 13.21 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	38.5	37.0	55.6

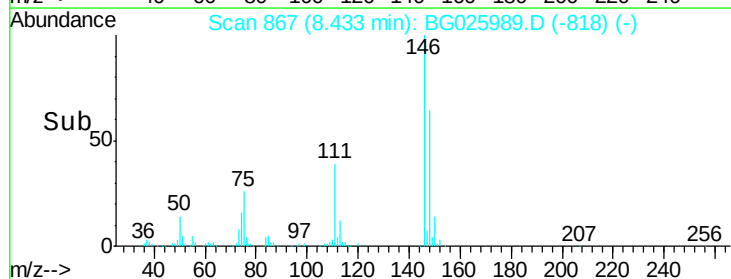
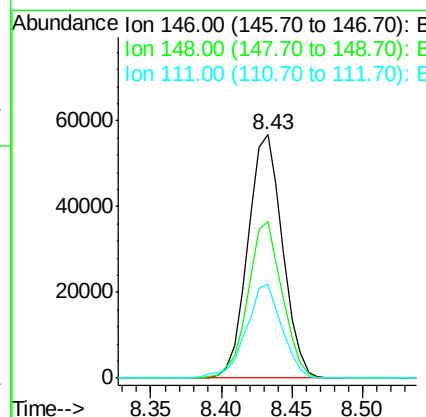
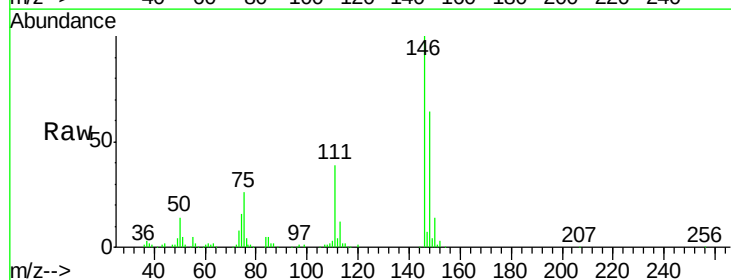
Manual Integrations
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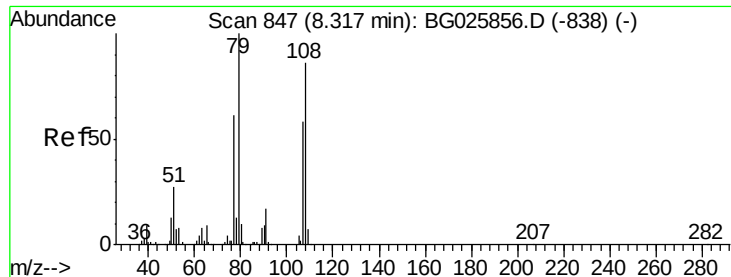
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 13.54 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.6	81.8
111	38.7	39.7	59.5#





#15

Benzyl Alcohol

Concen: 16.92 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

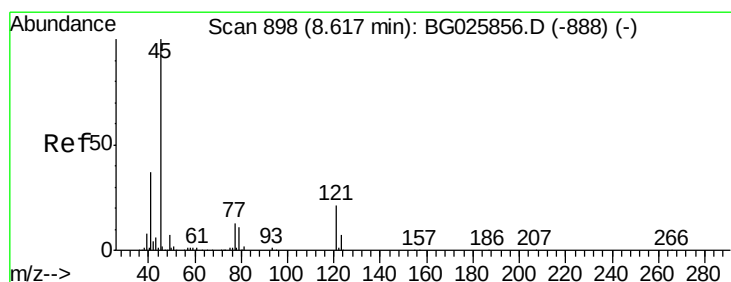
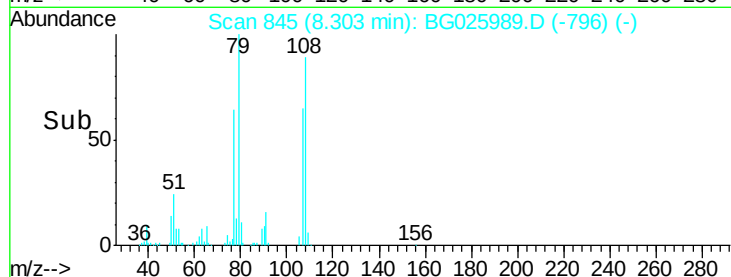
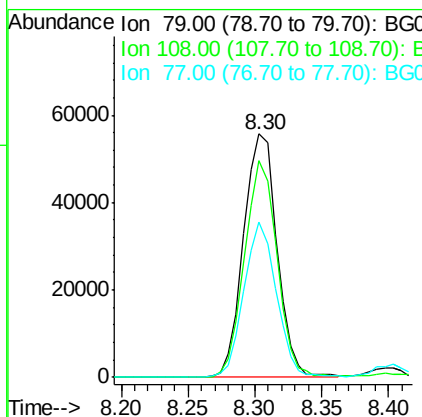
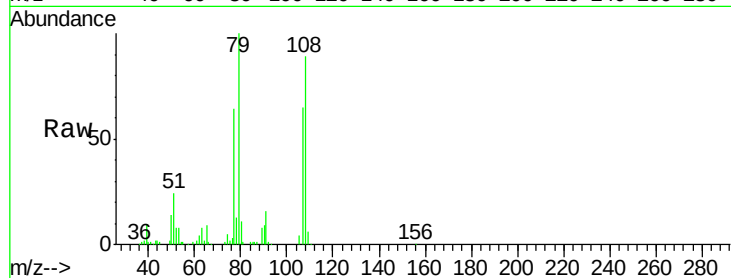
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:	79	Resp:	96817
Ion Ratio	Lower	Upper	
79	100		
108	89.2	45.5	68.3#
77	63.9	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 10.92 ng

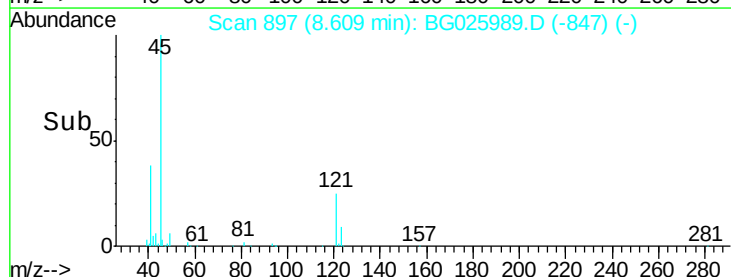
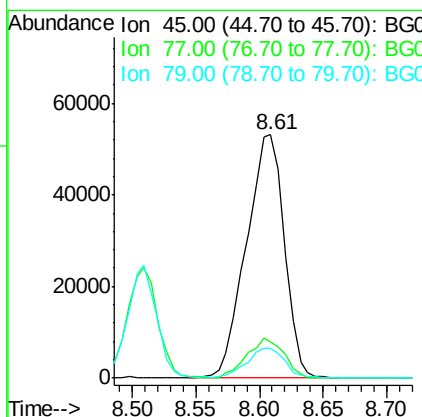
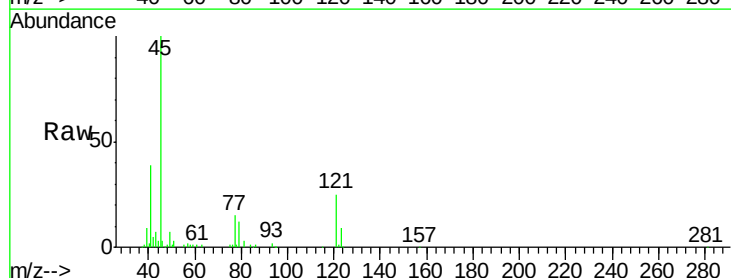
RT: 8.61 min Scan# 897

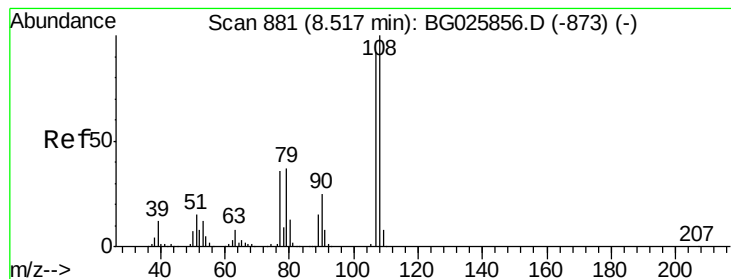
Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tgt Ion:	45	Resp:	110601
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	30.6
79	12.0	0.0	28.5





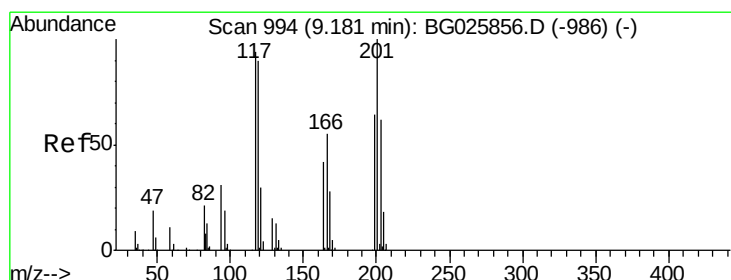
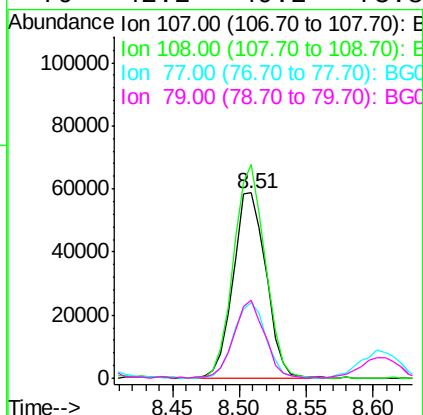
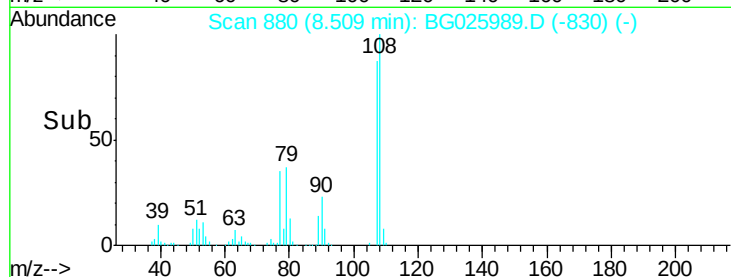
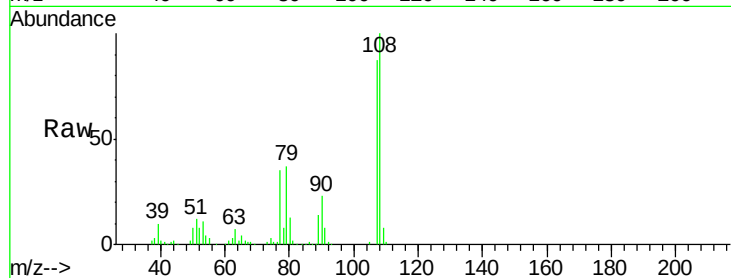
#17
2-Methylphenol
Concen: 16.45 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	115.4	85.6	128.4
77	41.0	51.4	77.2#
79	42.2	49.2	73.8#

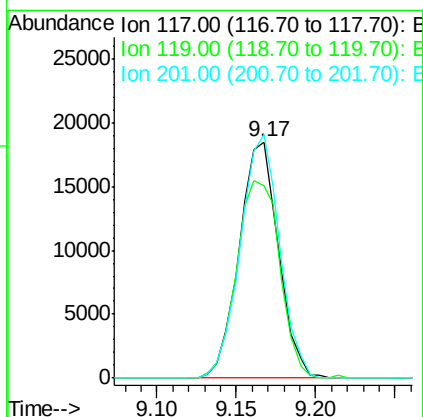
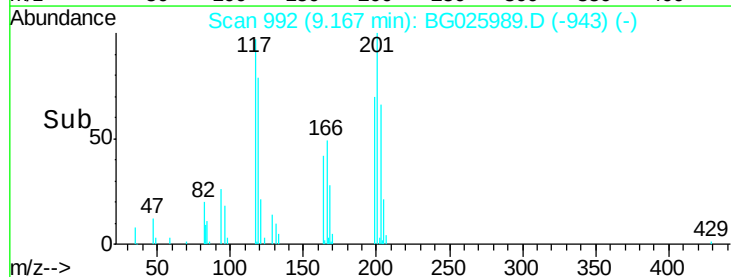
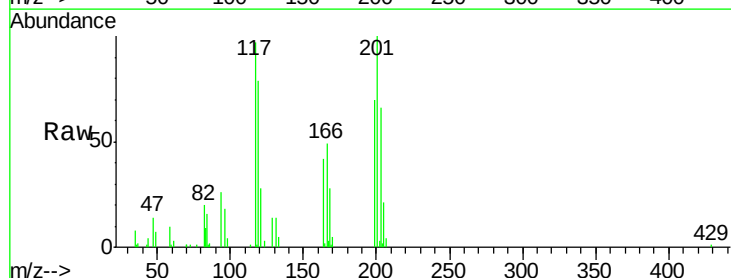
Manual Integrations
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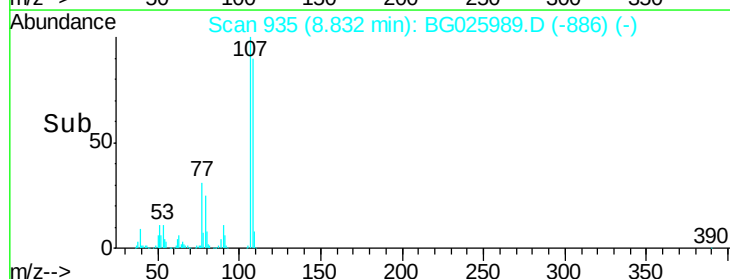
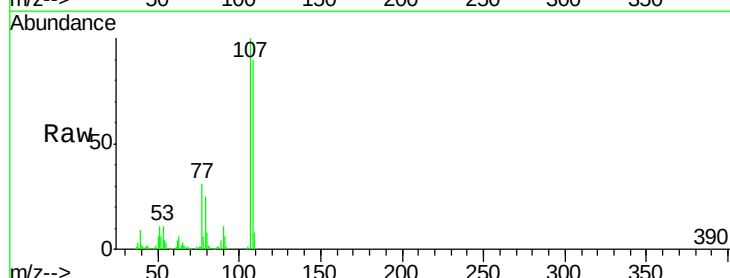
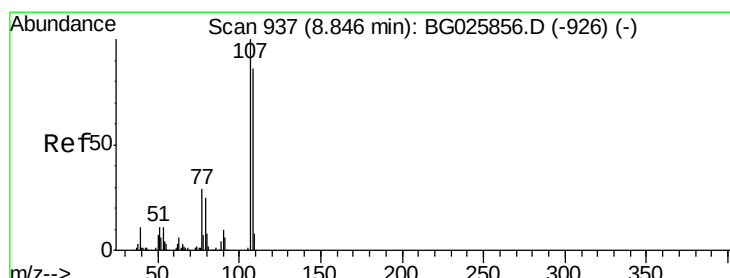
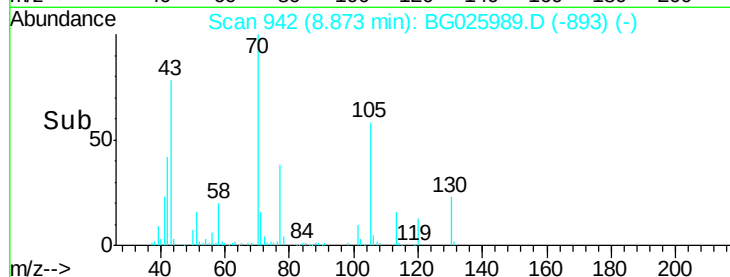
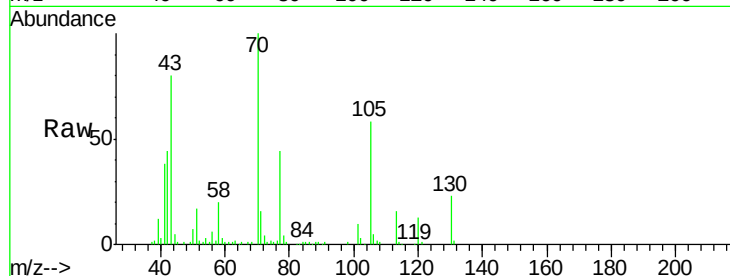
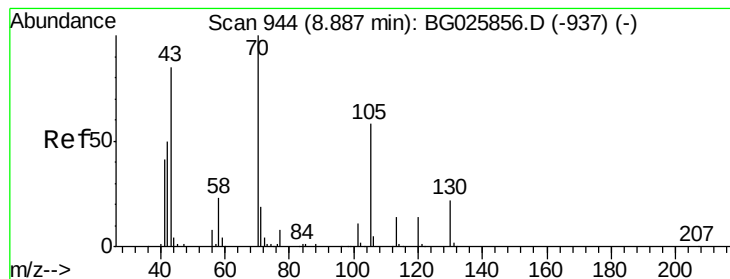
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#18
Hexachloroethane
Concen: 13.05 ng
RT: 9.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	81.1	69.8	104.6
201	102.9	95.4	143.0





#19

n-Nitroso-di-n-propylamine

Concen: 16.50 ng

RT: 8.87 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.9	56.1	84.1#	
101	10.4	7.5	11.3	
130	23.4	14.6	21.8#	

Instrument :

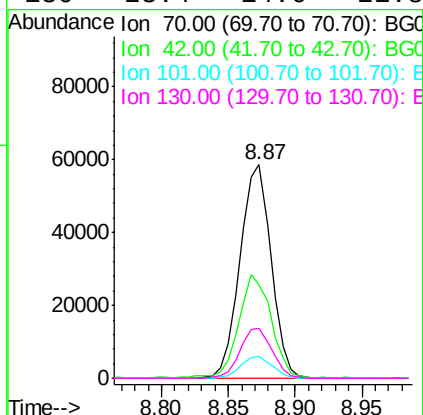
BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Manual Integrations
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#20

3+4-Methylphenols

Concen: 17.85 ng

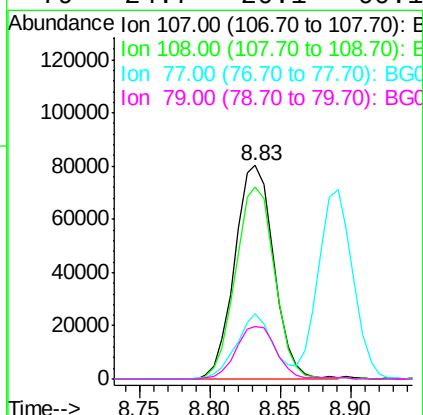
RT: 8.83 min Scan# 935

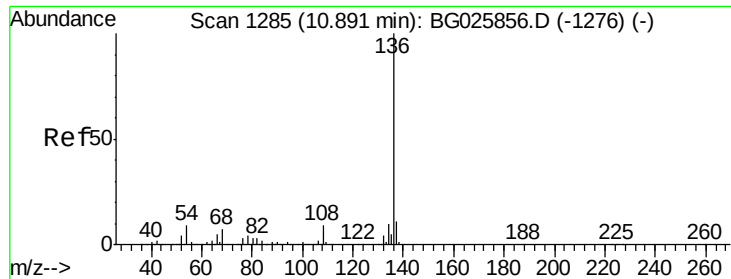
Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	70.8	110.8	
77	30.8	25.8	65.8	
79	24.7	20.1	60.1	





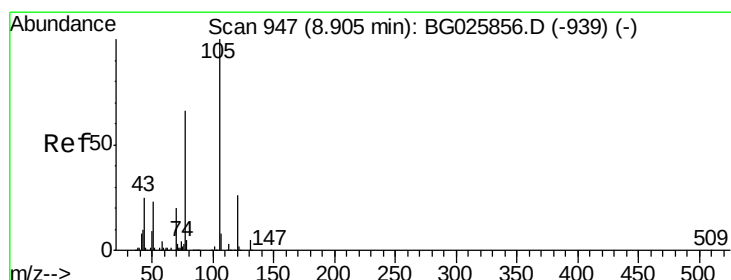
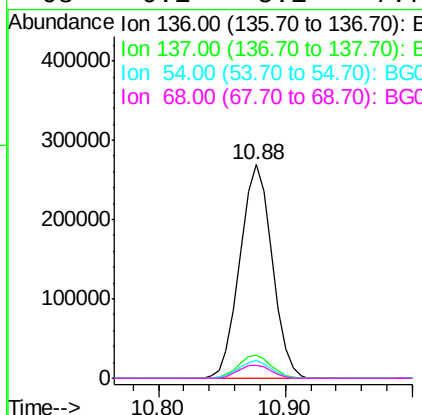
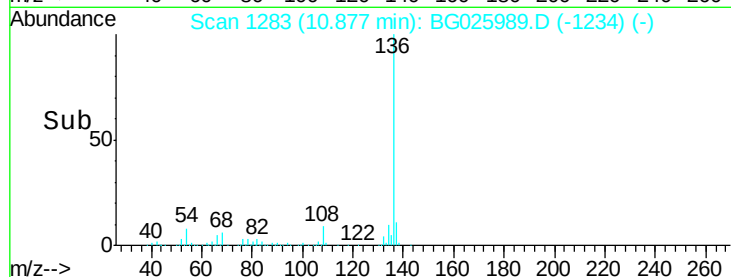
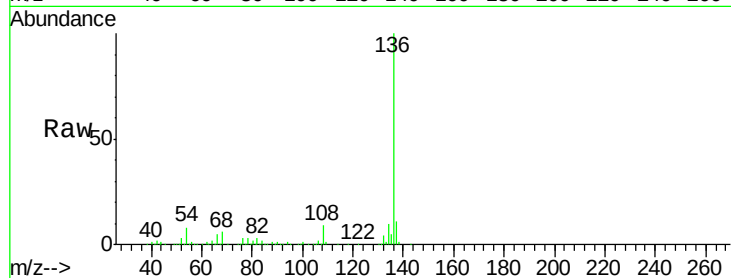
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
136	100	475263		
137	11.1	8.9	13.3	
54	8.2	9.3	13.9	
68	6.1	5.1	7.7	

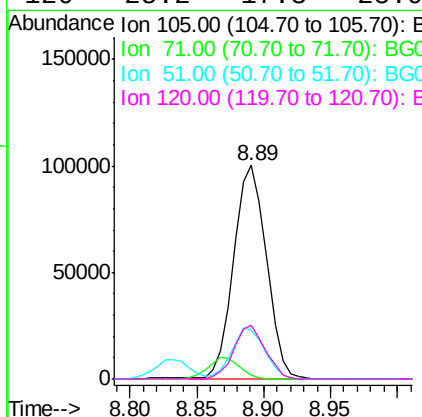
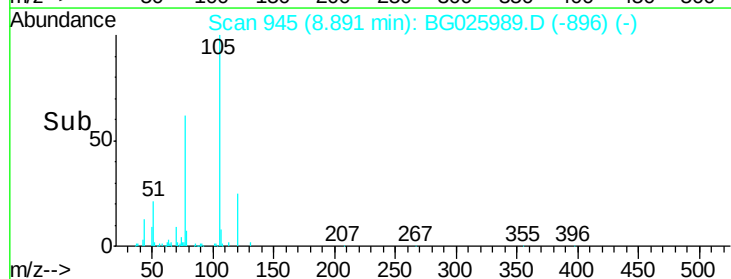
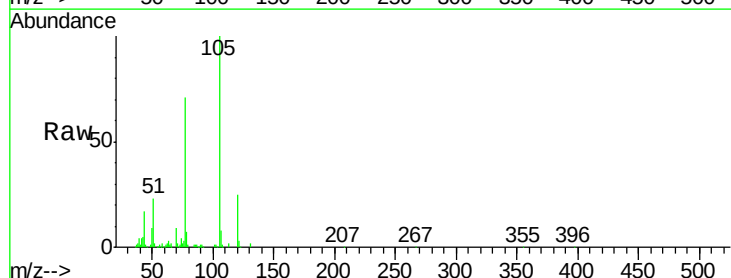
Manual Integrations
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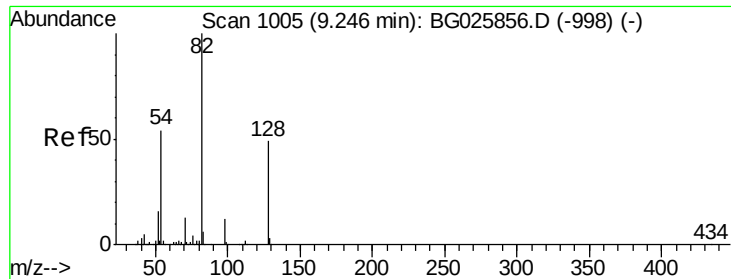
mohammad
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#22
Acetophenone
Concen: 15.05 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	171601		
71	1.7	0.9	1.3	
51	22.7	34.0	51.0	
120	25.2	17.3	25.9	





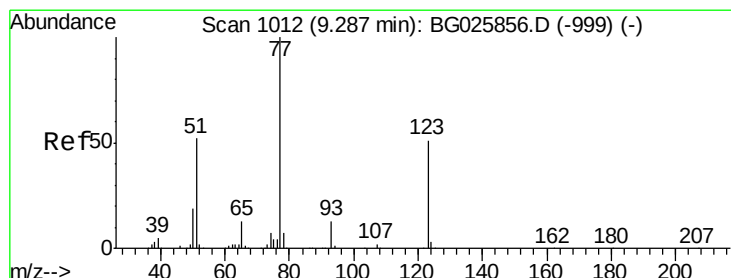
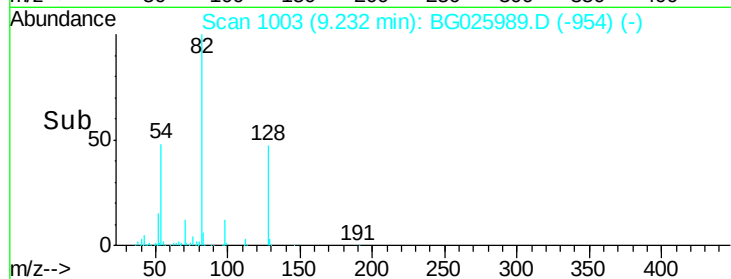
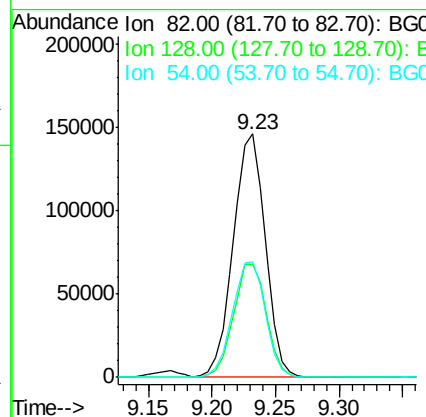
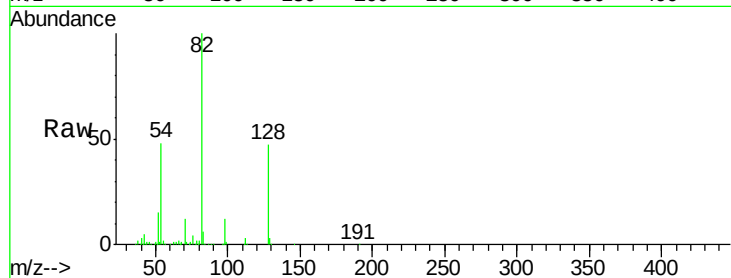
#23
Nitrobenzene-d5
Concen: 33.81 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
82	100	254622		
128	46.5	26.4	39.6#	
54	47.7	49.4	74.2#	

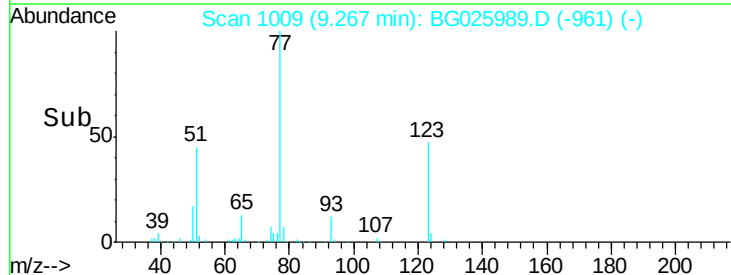
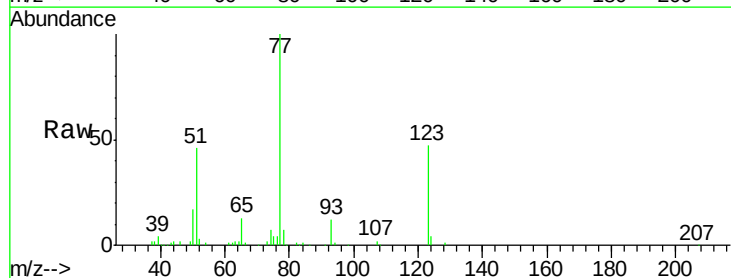
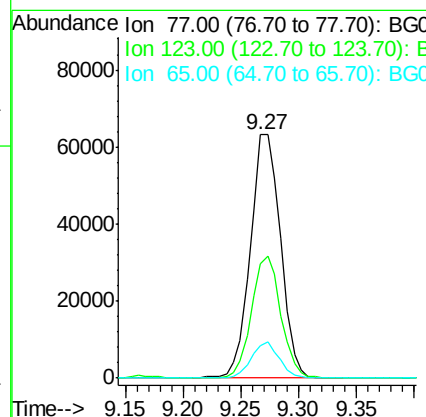
Manual Integrations
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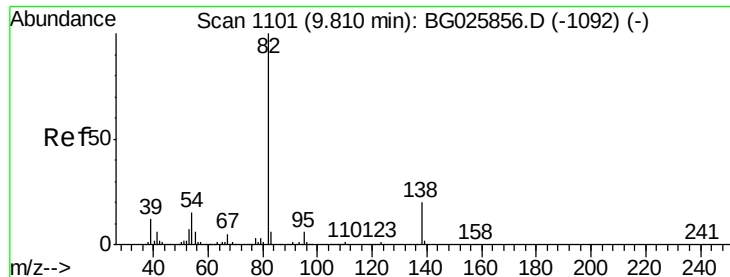
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#24
Nitrobenzene
Concen: 14.15 ng
RT: 9.27 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	115243		
123	46.7	26.1	39.1#	
65	13.3	12.4	18.6	





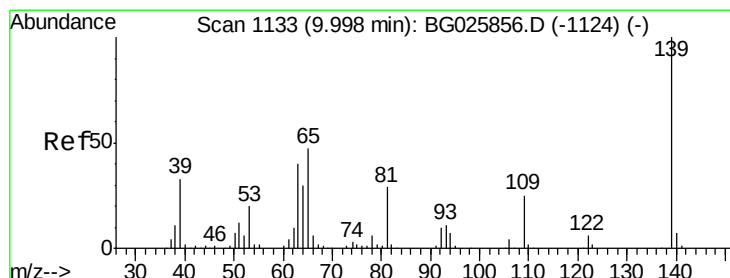
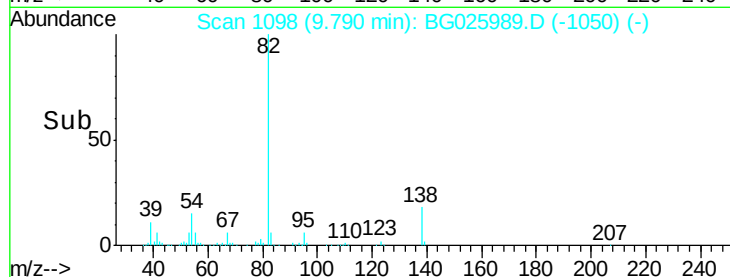
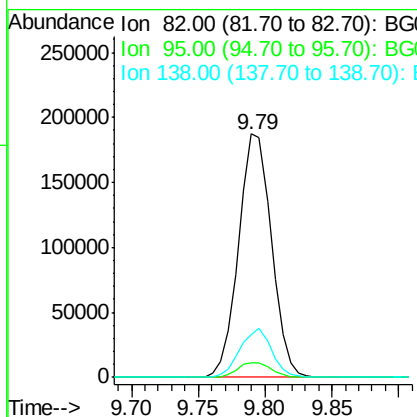
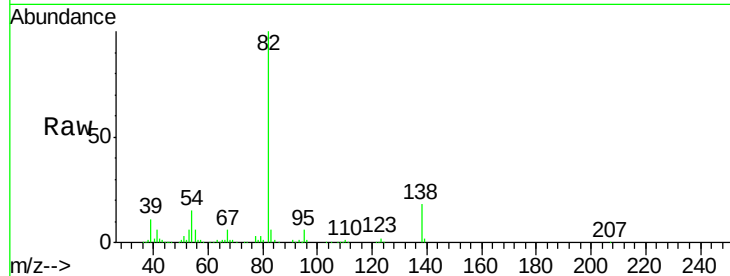
#25
Isophorone
Concen: 19.27 ng
RT: 9.79 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.2	7.5	11.3#	
138	17.7	12.3	18.5	

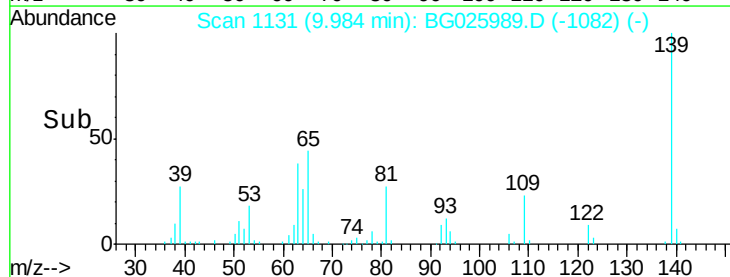
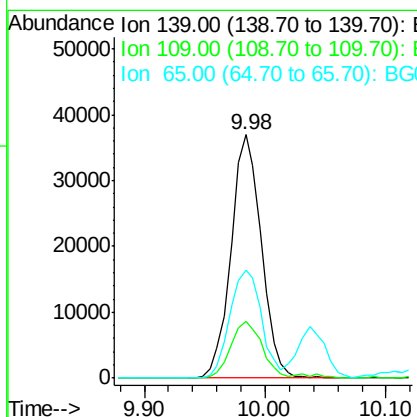
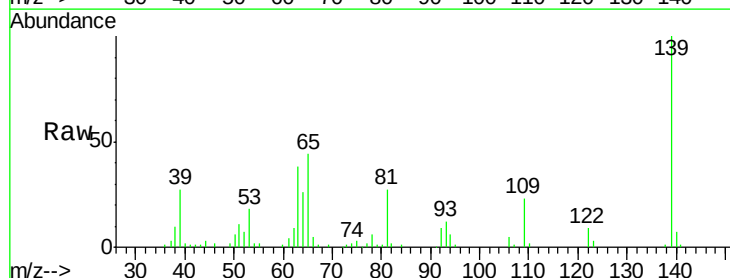
Manual Integrations
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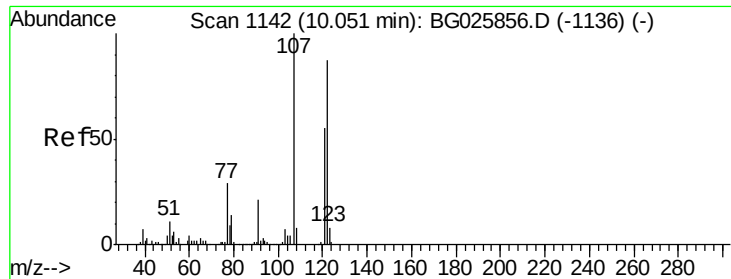
mohammad
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#26
2-Nitrophenol
Concen: 16.94 ng
RT: 9.98 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.1	38.6	58.0#	
65	44.4	57.1	85.7#	





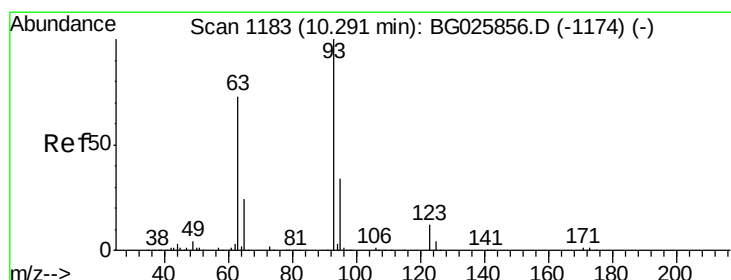
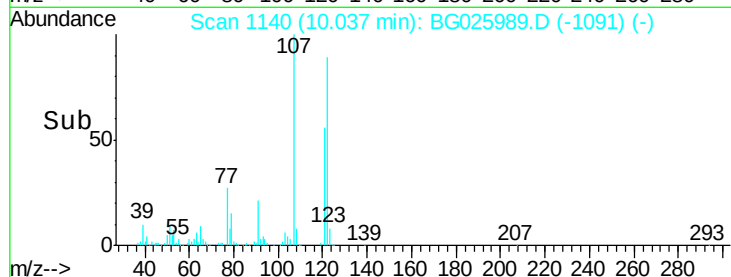
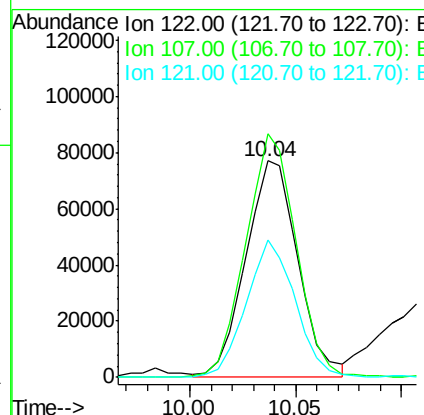
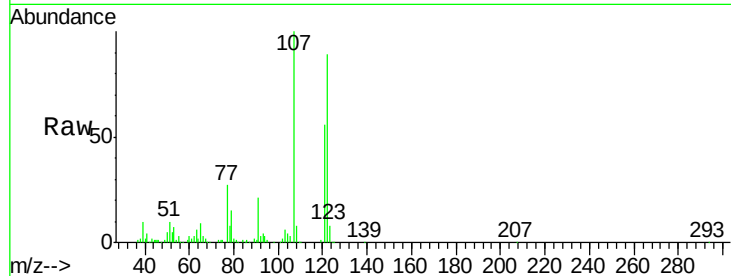
#27
 2,4-Dimethylphenol
 Concen: 18.48 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	112.6	104.2	156.4	
121	63.6	46.0	69.0	

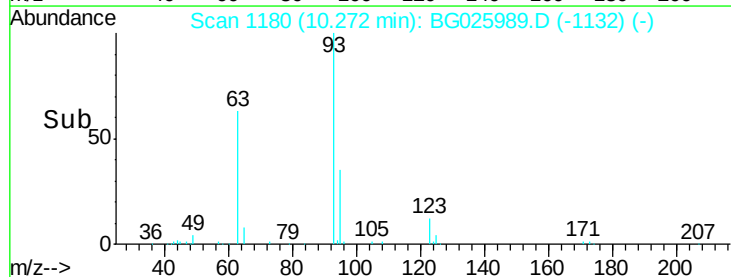
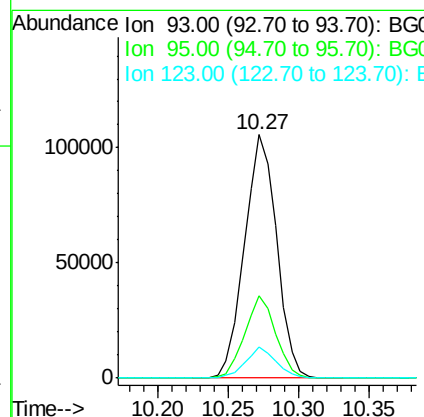
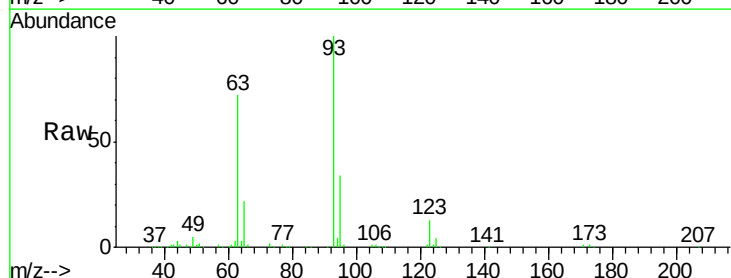
Manual Integrations
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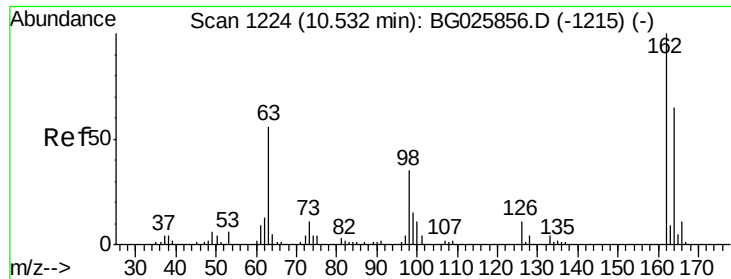
mohammad
 3/1/2017 12:37:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 16.05 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.9	25.7	38.5	
123	12.8	8.3	12.5#	





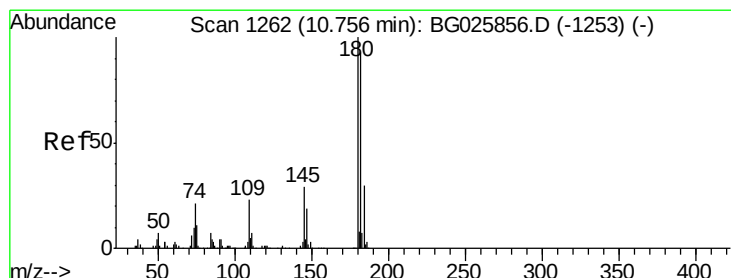
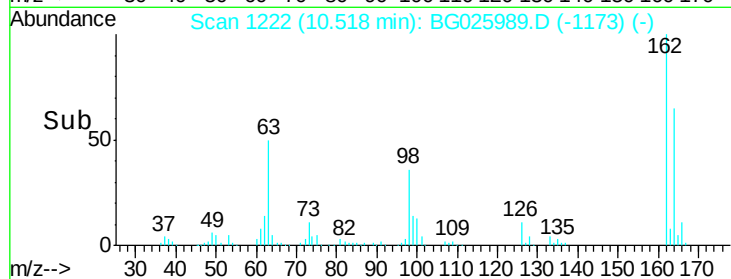
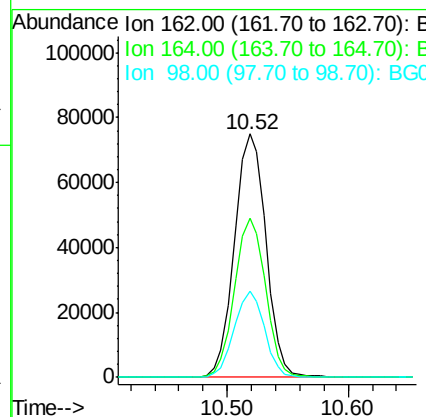
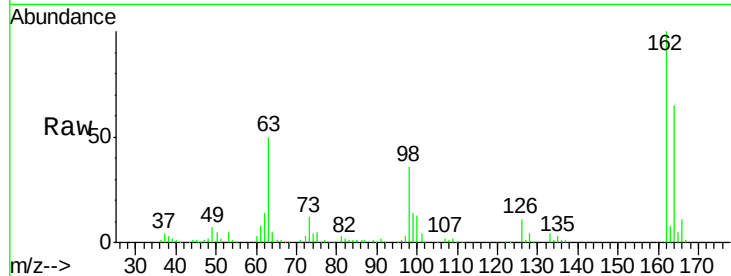
#29
 2,4-Dichlorophenol
 Concen: 20.10 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	42.4	82.4
98	35.6	20.3	60.3

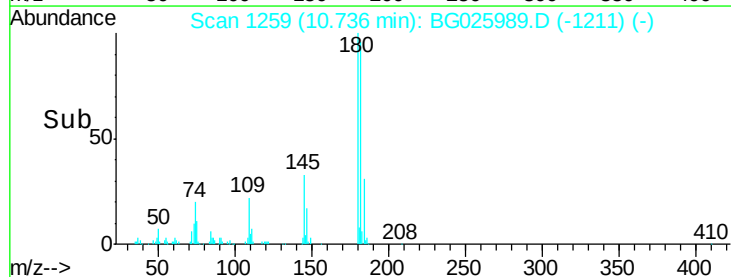
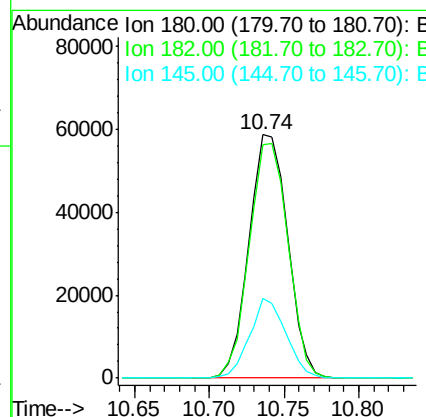
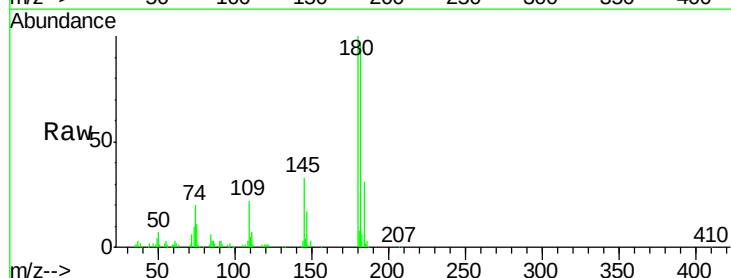
Manual Integrations
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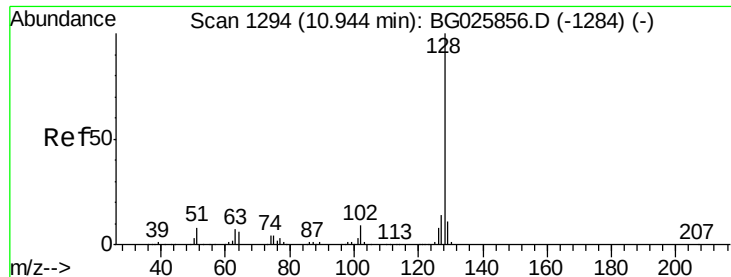
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 14.26 ng
 RT: 10.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	77.0	115.4
145	32.6	23.4	35.0





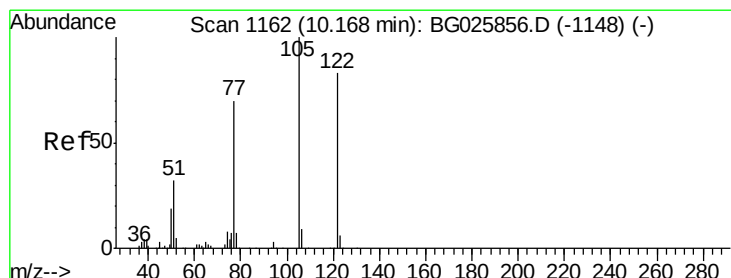
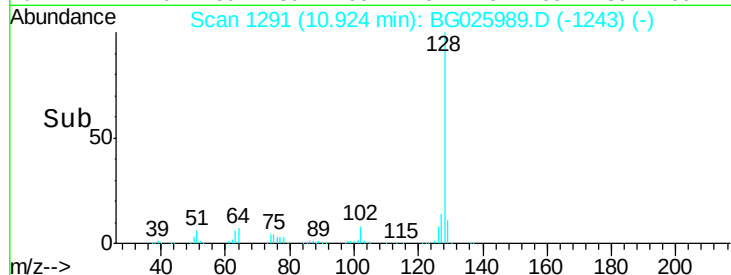
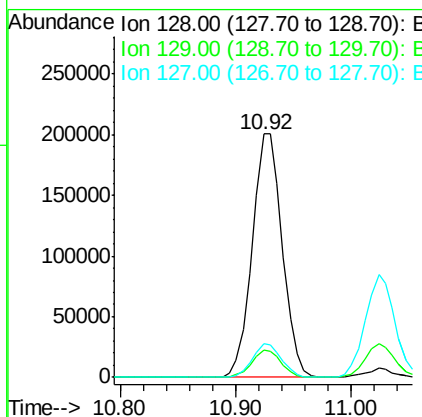
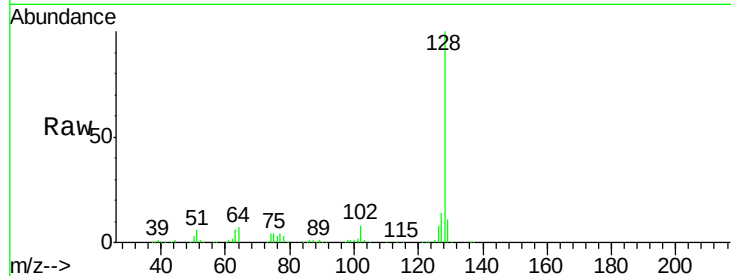
#31
Naphthalene
Concen: 14.75 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.7	11.4	17.0

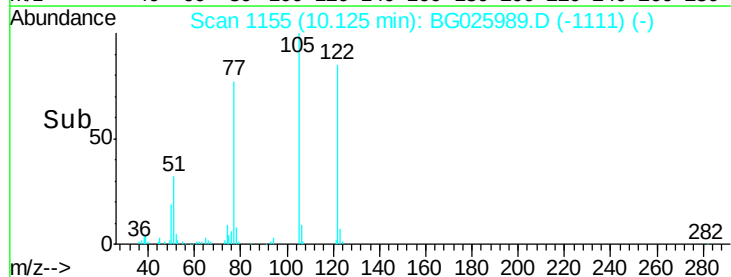
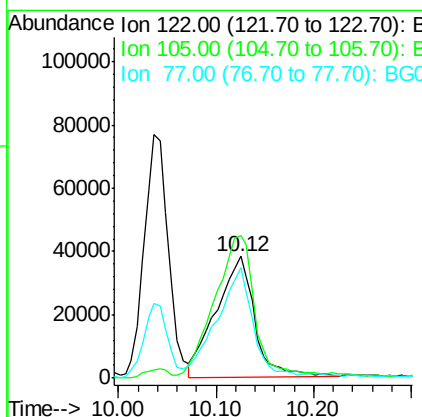
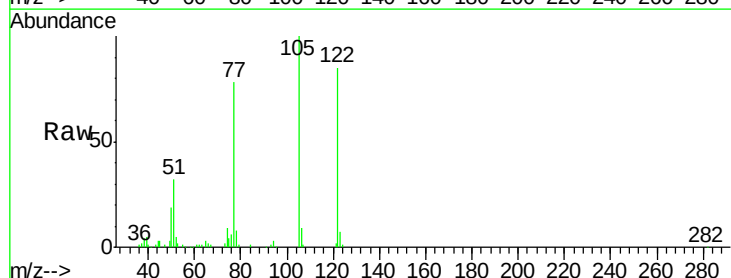
Manual Integrations
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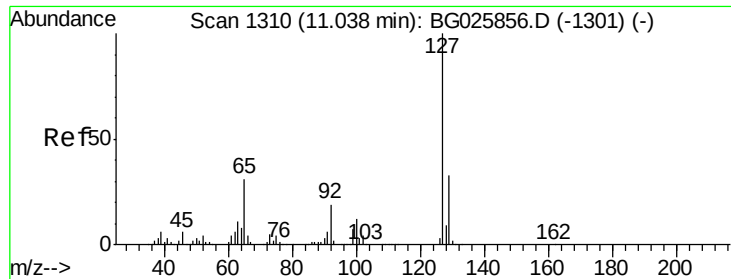
mohammad
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#32
Benzoic acid
Concen: 19.15 ng
RT: 10.12 min Scan# 1155
Delta R.T. -0.04 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	120.1	160.1#
77	90.9	104.6	144.6#





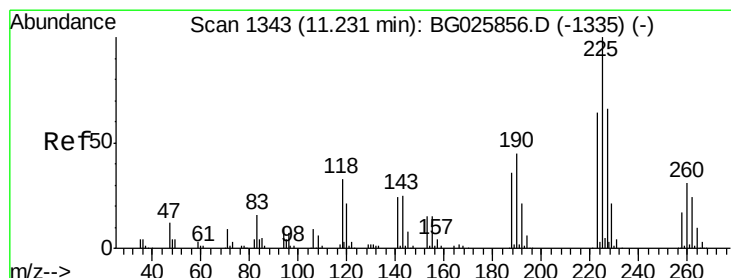
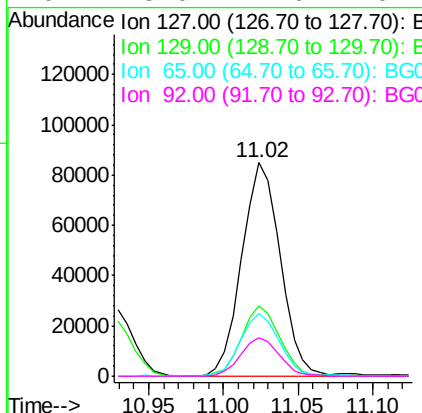
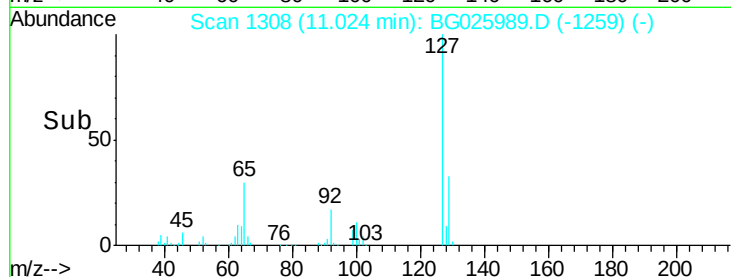
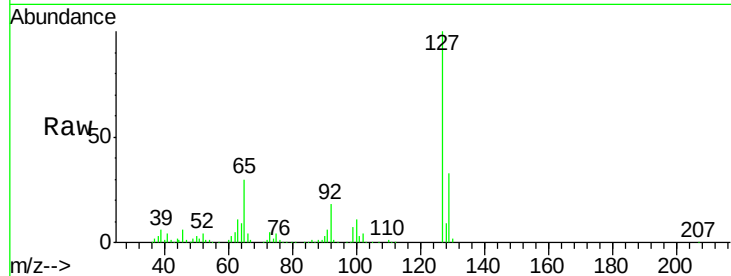
#33
4-Chloroaniline
Concen: 14.26 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	23.6	35.4		
65	29.5	37.7	56.5		
92	18.0	17.6	26.4		

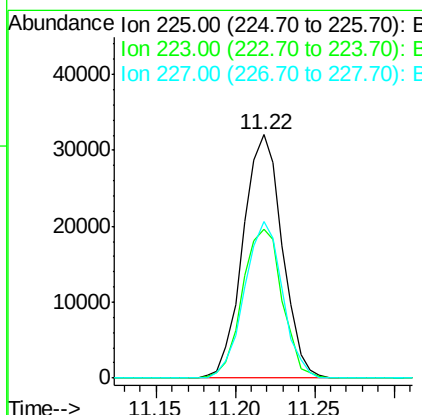
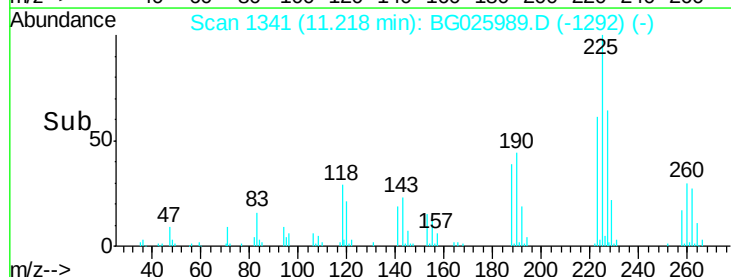
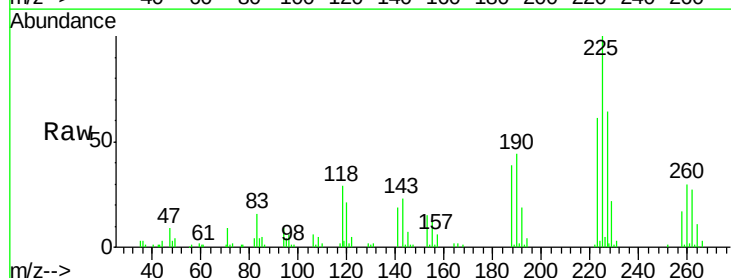
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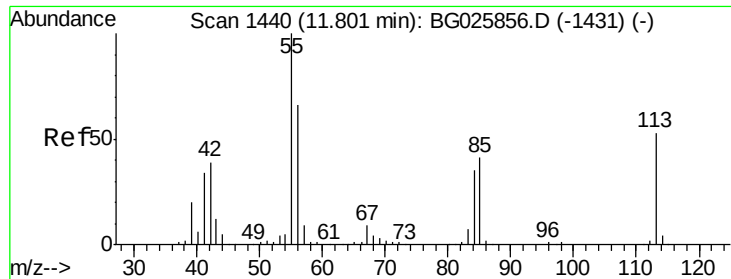
mohammad
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#34
Hexachlorobutadiene
Concen: 13.13 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.7	76.1		
227	64.4	49.0	73.6		





#35

Caprolactam

Concen: 45.40 ng/ml

RT: 11.78 min Scan# 1436

Delta R.T. -0.03 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:113 Resp: 124363

Ion Ratio Lower Upper

113 100

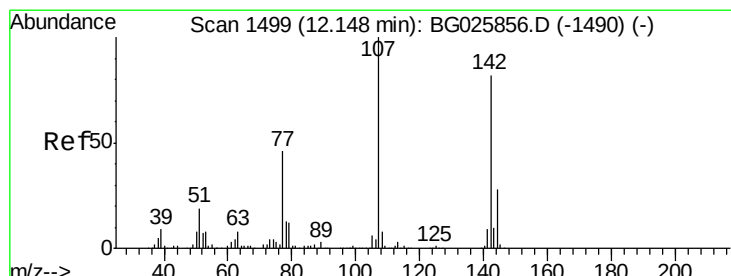
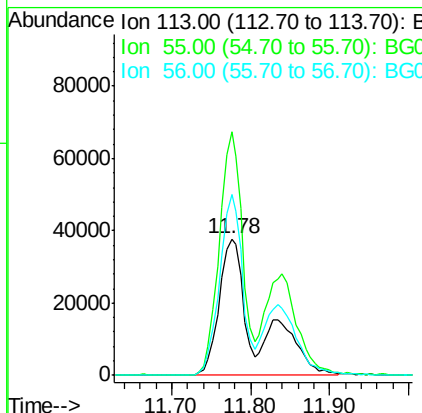
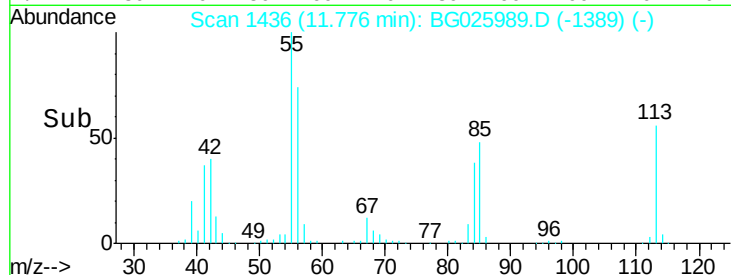
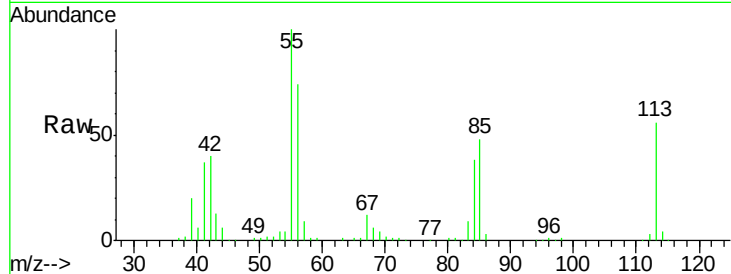
55 178.8 198.6 238.6#

56 132.9 140.4 180.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 29.08 ng/ml

RT: 12.13 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

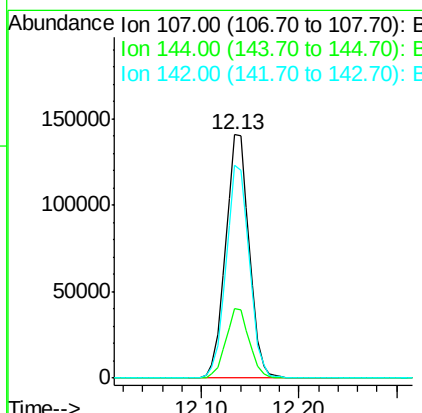
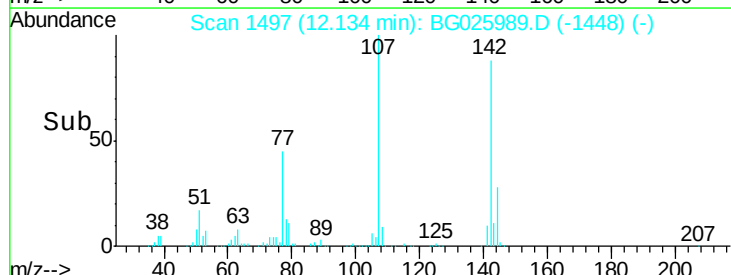
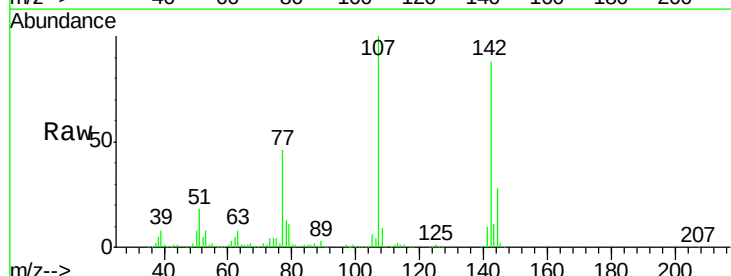
Tgt Ion:107 Resp: 236057

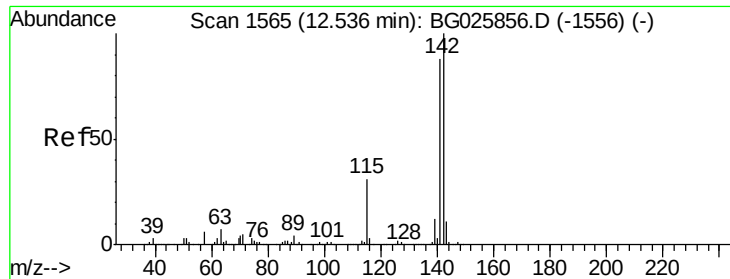
Ion Ratio Lower Upper

107 100

144 28.4 17.4 26.0#

142 87.6 54.1 81.1#





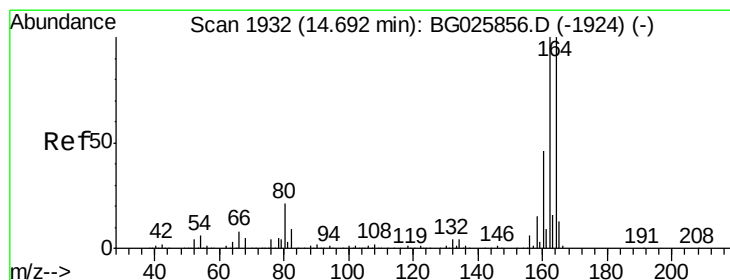
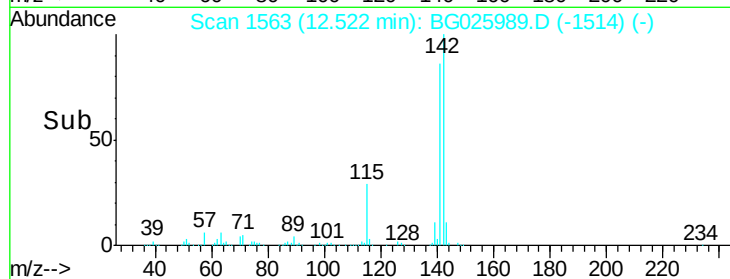
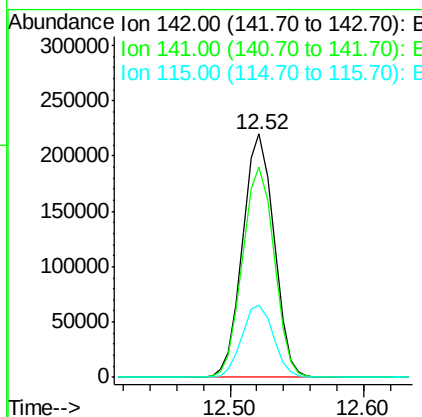
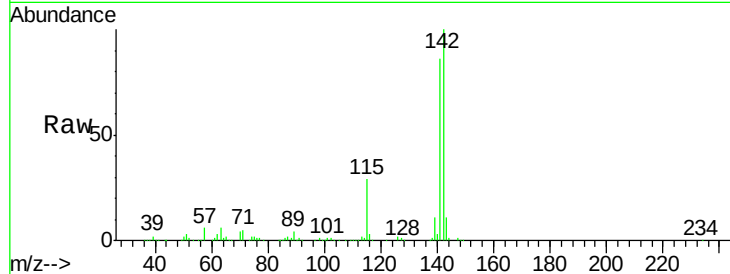
#37
 2-Methylnaphthalene
 Concen: 19.11 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.4	105.6
115	29.4	35.5	53.3

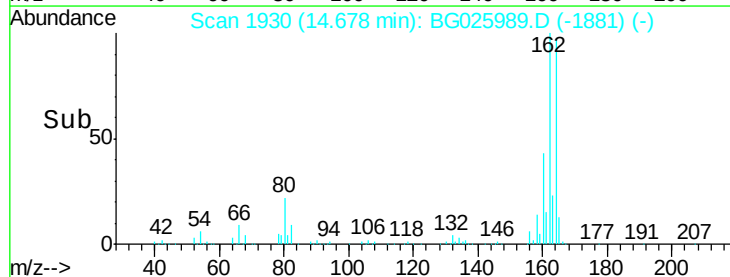
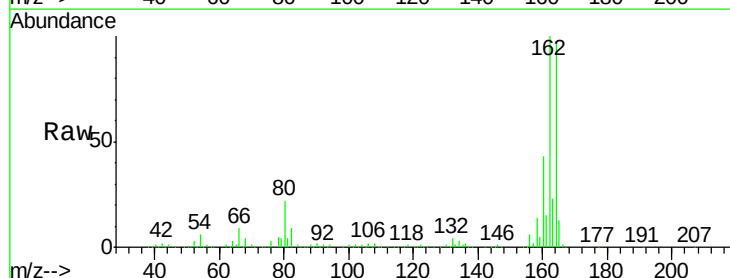
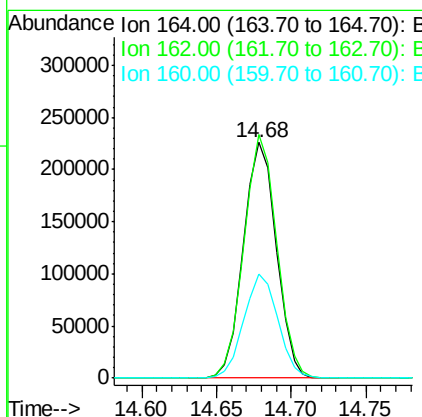
Manual Integrations
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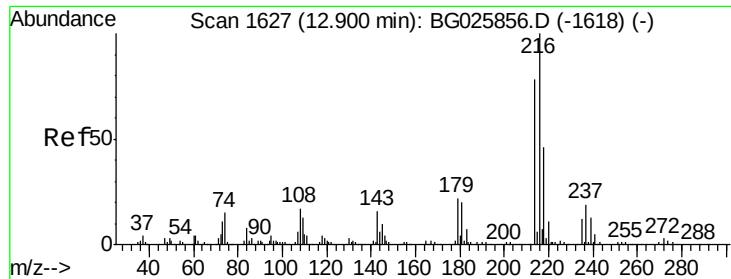
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	44.4	34.7	52.1





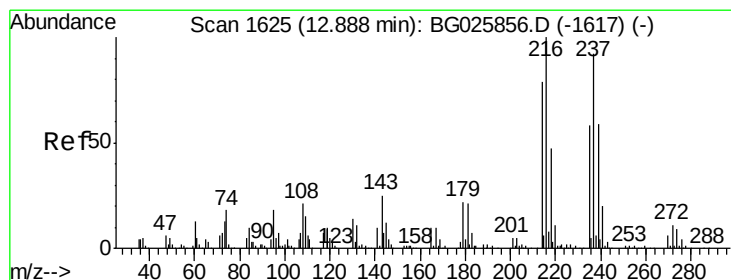
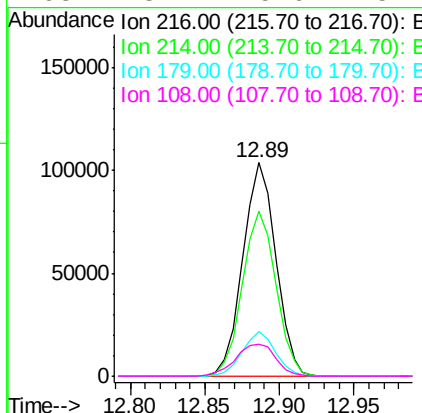
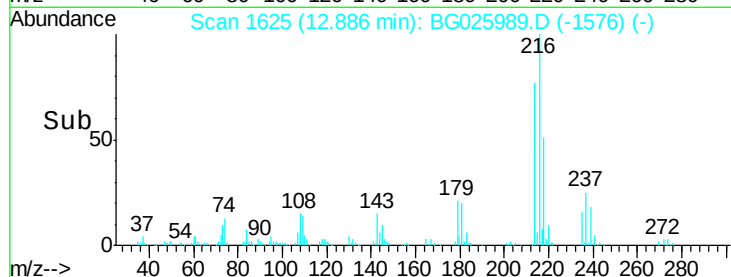
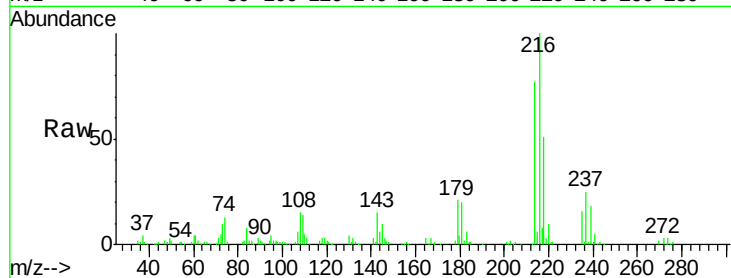
#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.48 ng
RT: 12.89 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.4	96.6
179	21.0	17.4	26.0
108	18.2	15.6	23.4

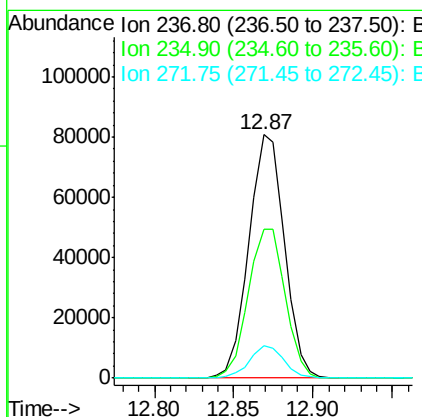
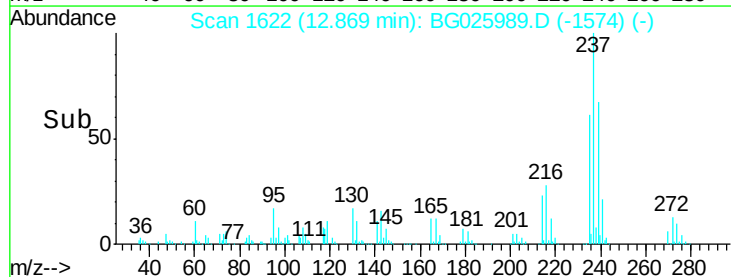
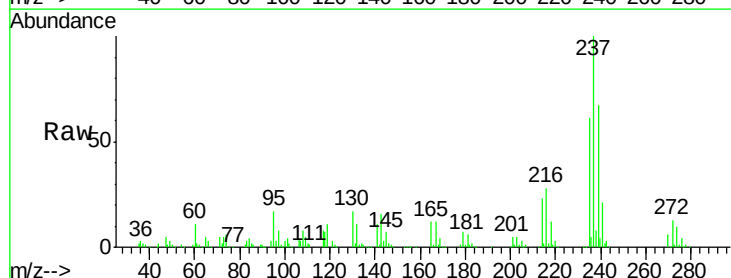
Manual Integrations
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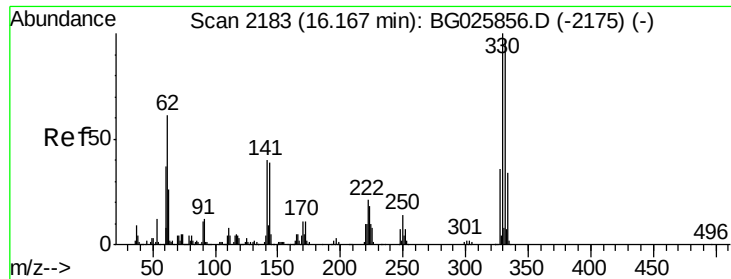
mohammad
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#40
Hexachlorocyclopentadiene
Concen: 26.74 ng
RT: 12.87 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.4	39.4	79.4
272	13.1	0.0	32.0





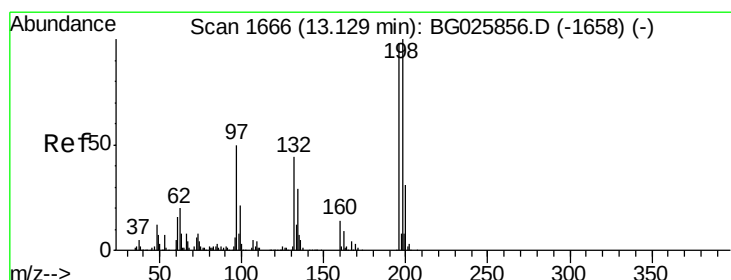
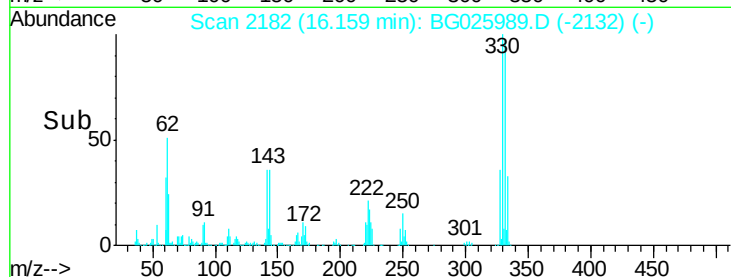
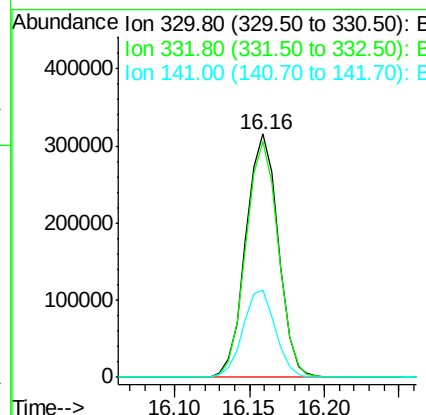
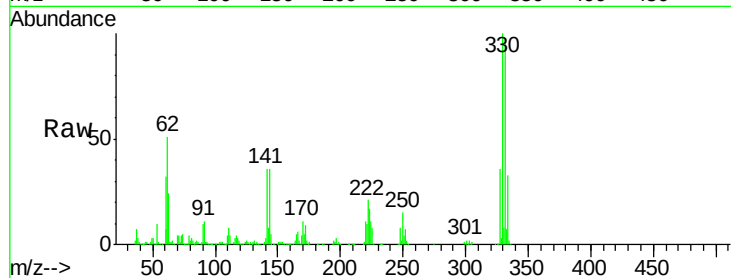
#41
 2,4,6-Tribromophenol
 Concen: 149.18 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	36.2	32.1	48.1

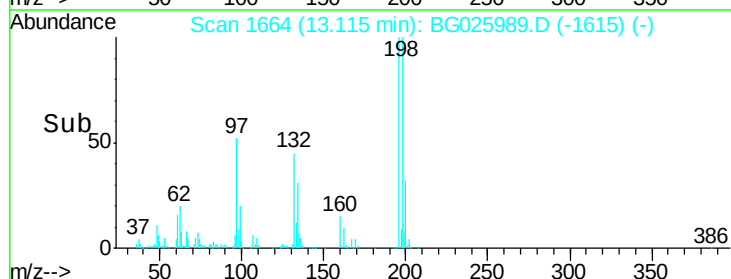
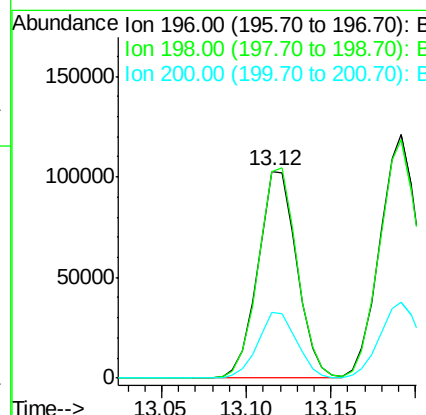
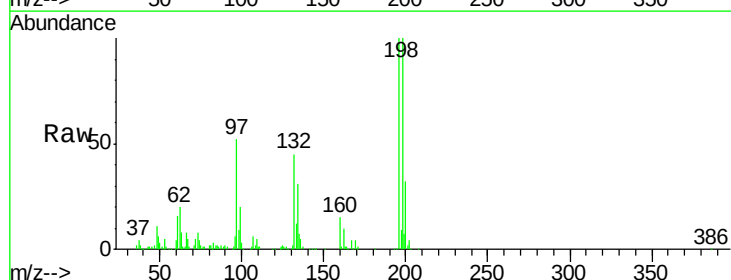
Manual Integrations
 APPROVED

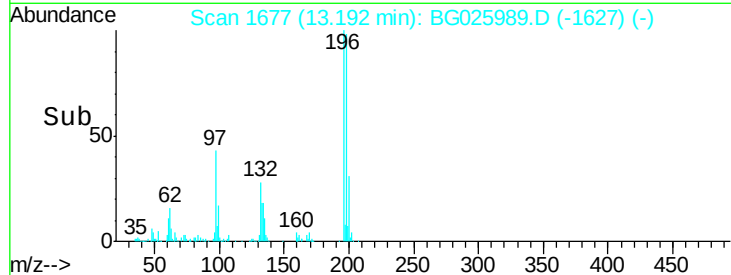
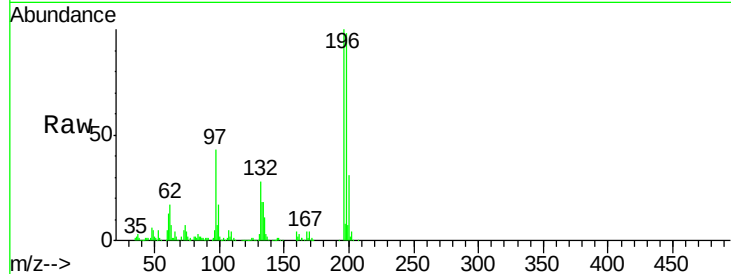
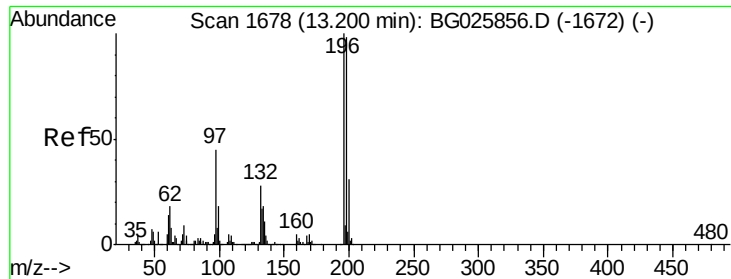
mohammad
 3/1/2017 12:37:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 29.54 ng
 RT: 13.12 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	81.4	122.2
200	31.8	27.0	40.6





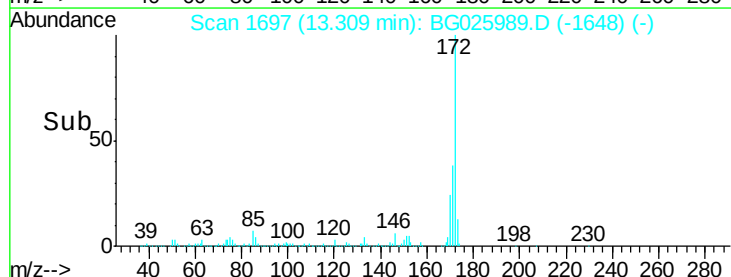
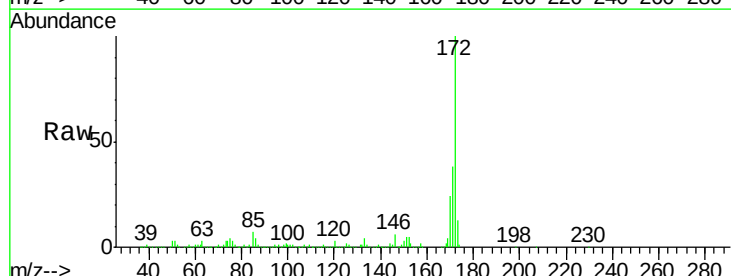
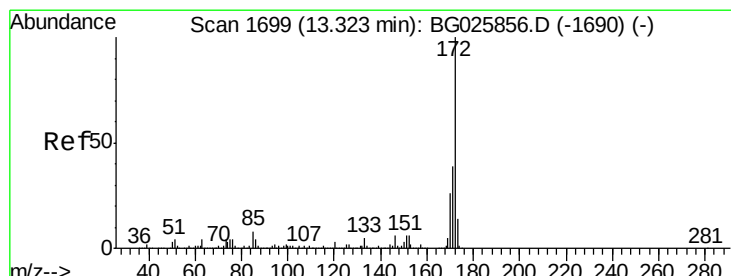
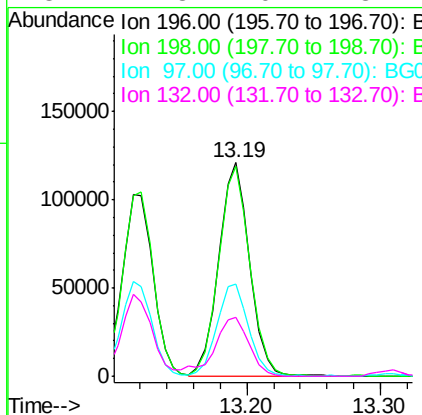
#43
2,4,5-Trichlorophenol
Concen: 31.05 ng
RT: 13.19 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196098		
198	98.2	79.9	119.9	
97	43.2	45.4	68.0	
132	27.8	20.7	31.1	

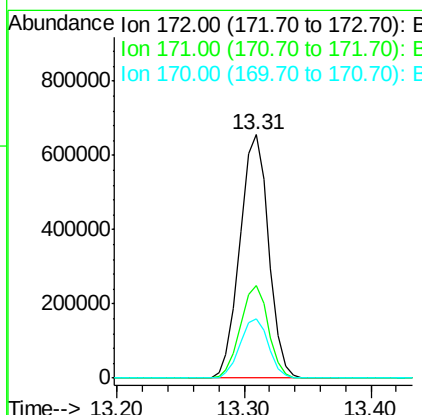
Manual Integrations
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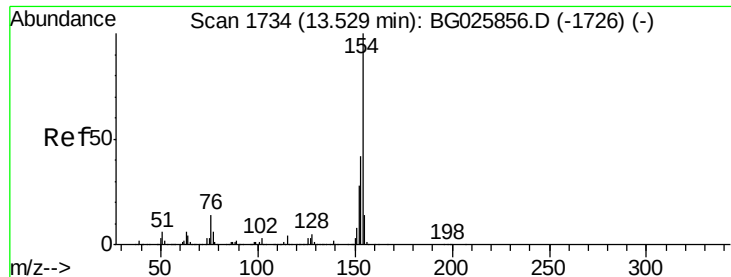
mohammad
3/1/2017 12:37:57 PM



#44
2-Fluorobiphenyl
Concen: 52.25 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1027702		
171	38.2	32.2	48.2	
170	24.5	21.8	32.6	





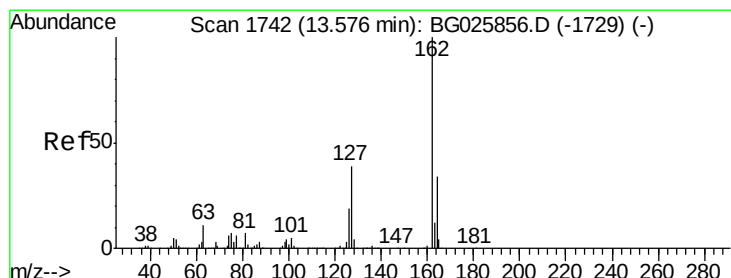
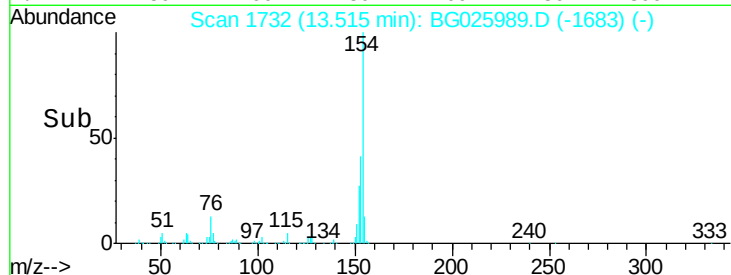
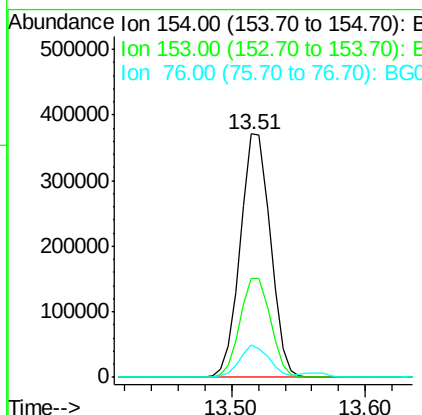
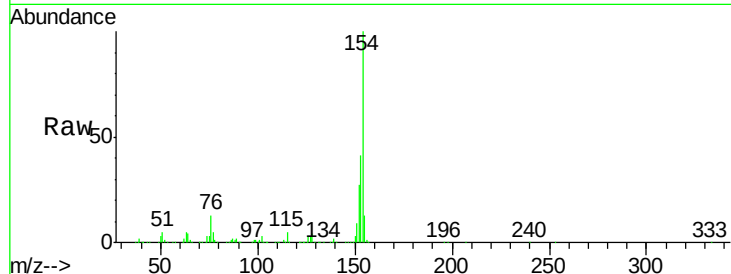
#45
1,1'-Biphenyl
Concen: 23.27 ng
RT: 13.51 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.7	23.0	63.0
76	13.1	0.0	33.5

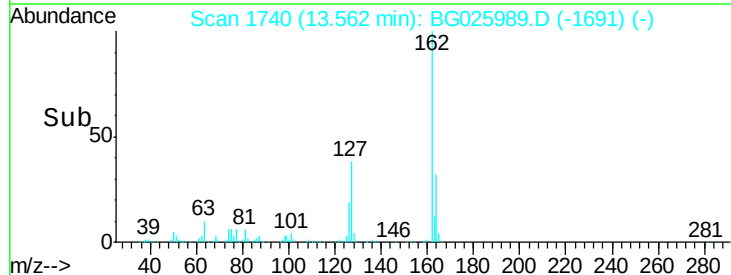
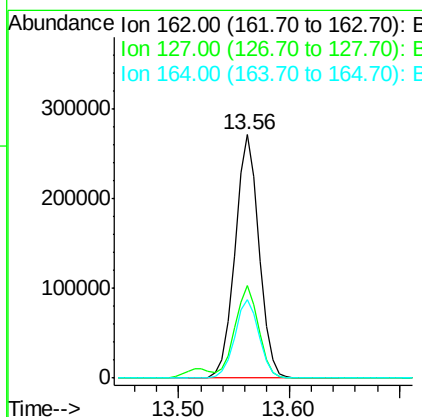
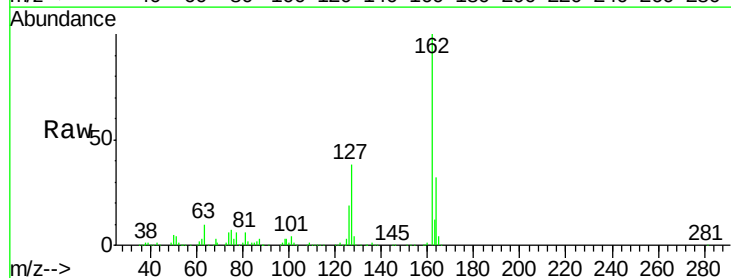
Manual Integrations
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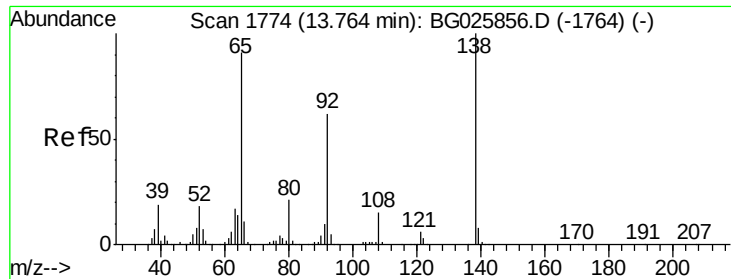
mohammad
3/1/2017 12:37:57 PM



#46
2-Chloronaphthalene
Concen: 22.84 ng
RT: 13.56 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.9	32.2	48.4
164	32.4	27.3	40.9





#47

2-Nitroaniline

Concen: 35.28 ng

RT: 13.76 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

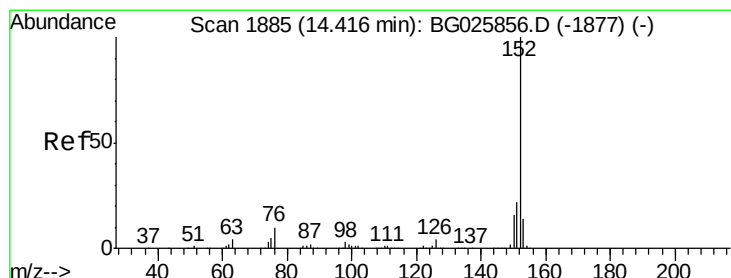
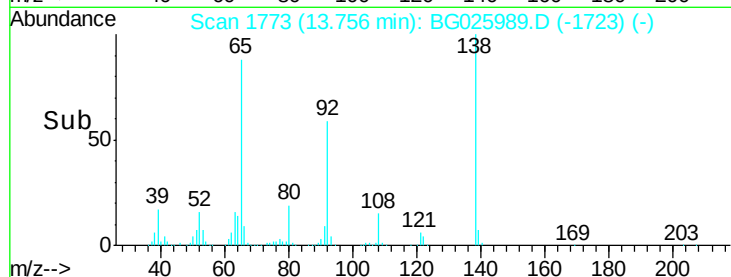
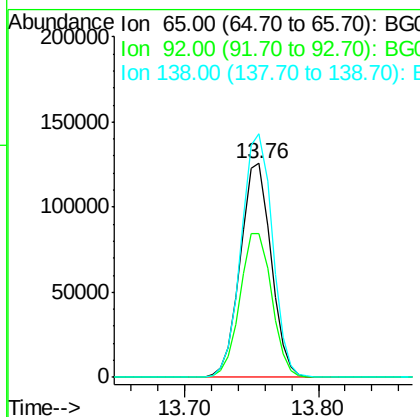
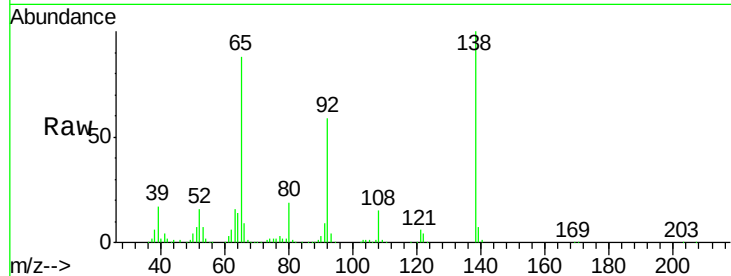
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201518		
92	67.4	49.0	73.4	
138	113.9	58.6	87.8	

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#48

Acenaphthylene

Concen: 27.09 ng

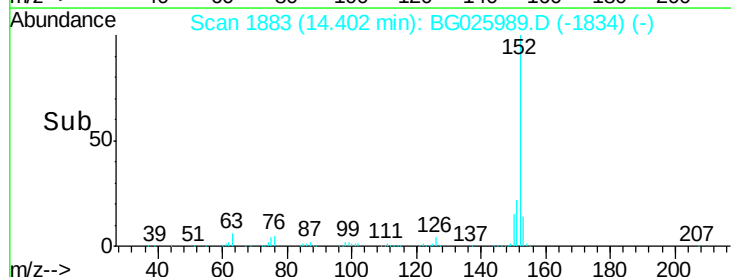
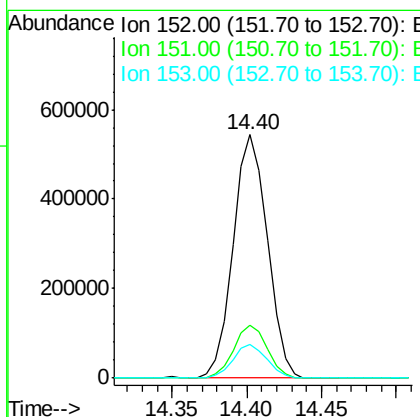
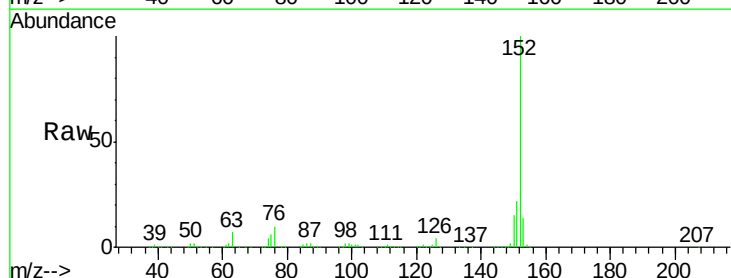
RT: 14.40 min Scan# 1883

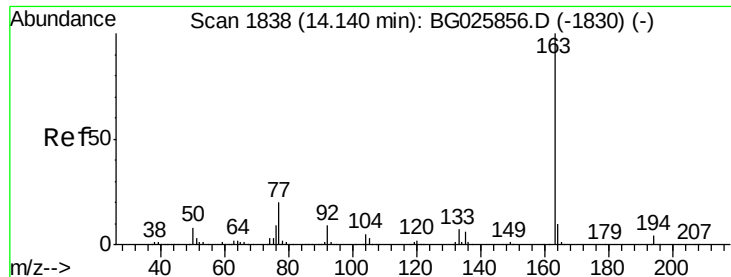
Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	868520		
151	22.0	18.2	27.2	
153	14.1	11.3	16.9	





#49

Dimethylphthalate

Concen: 53.29 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:163 Resp: 1256580

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

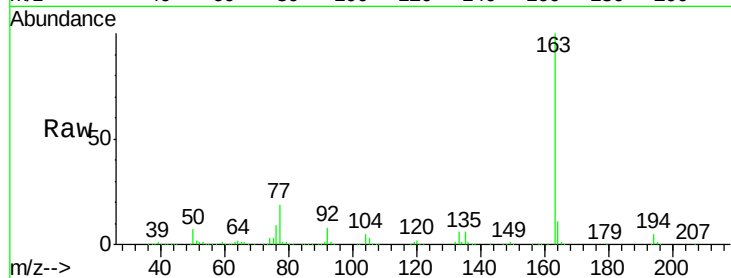
164 10.8 9.3 13.9

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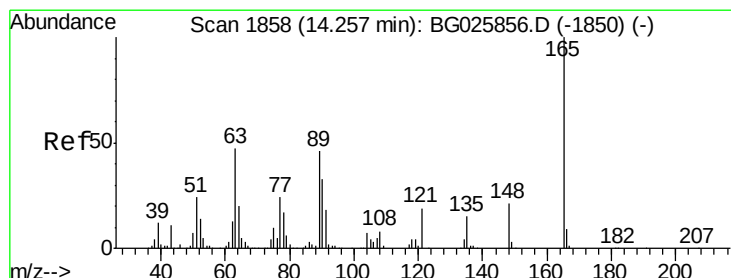
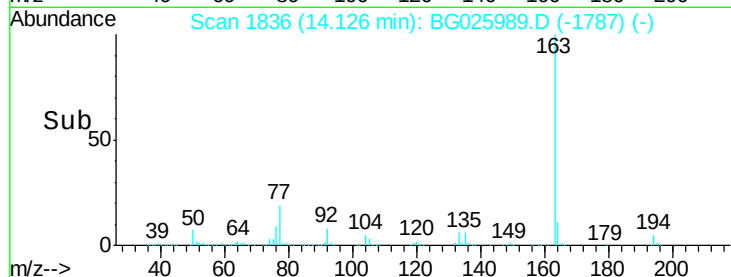
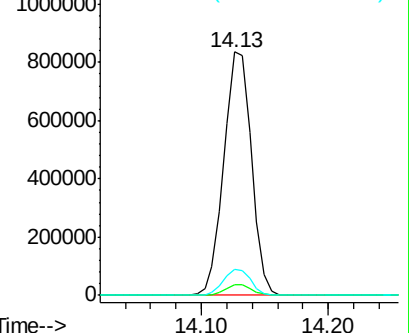
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.17 ng

RT: 14.24 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

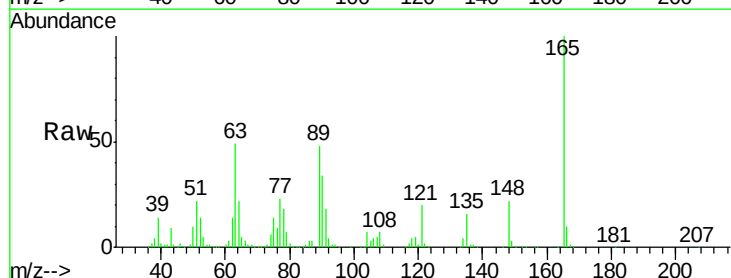
Tgt Ion:165 Resp: 202168

Ion Ratio Lower Upper

165 100

63 49.0 63.9 95.9#

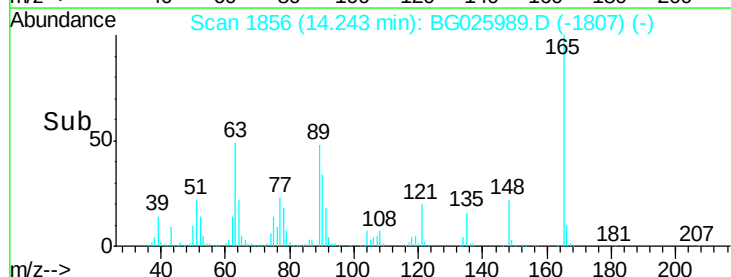
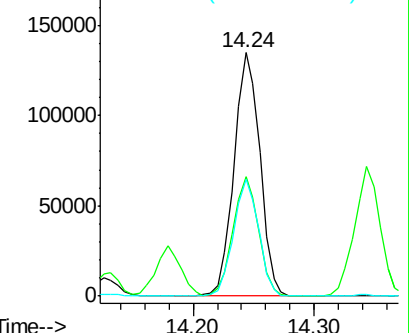
89 48.2 58.6 88.0#

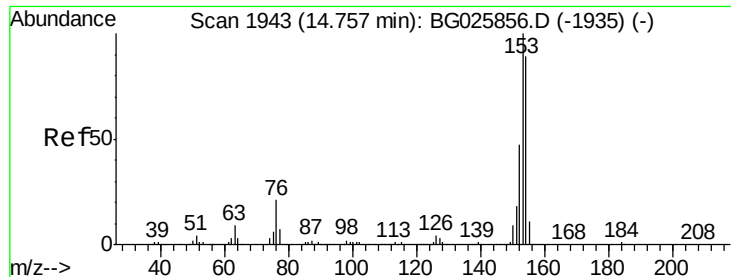


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 27.37 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

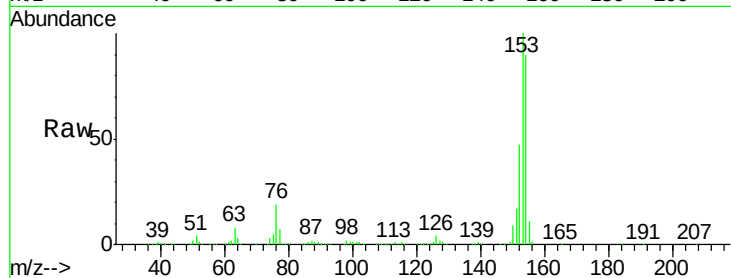
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

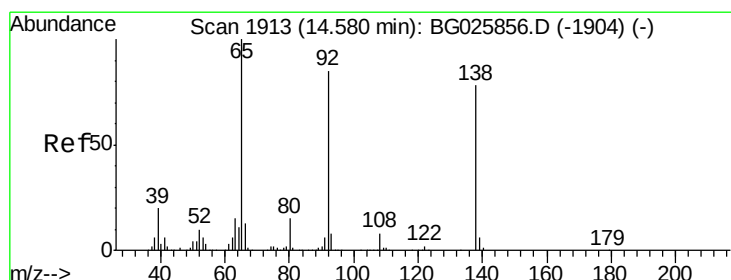
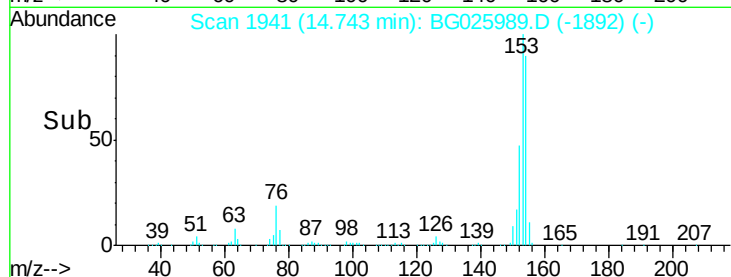
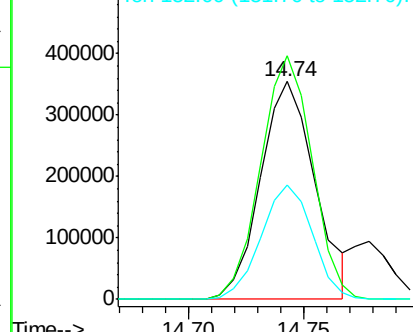
Tot Ion:	154	Resp:	579428
Ion Ratio	Lower	Upper	
154	100		
153	111.7	87.8	131.6
152	52.7	42.2	63.4

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



#52

3-Nitroaniline

Concen: 34.44 ng

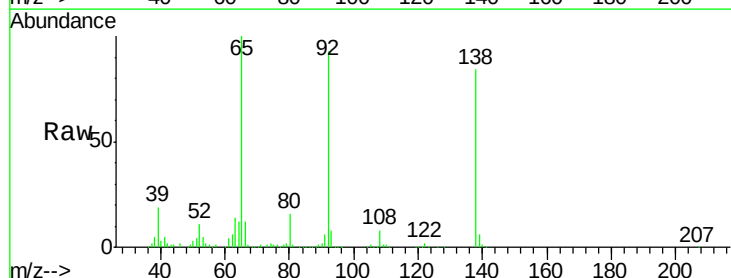
RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

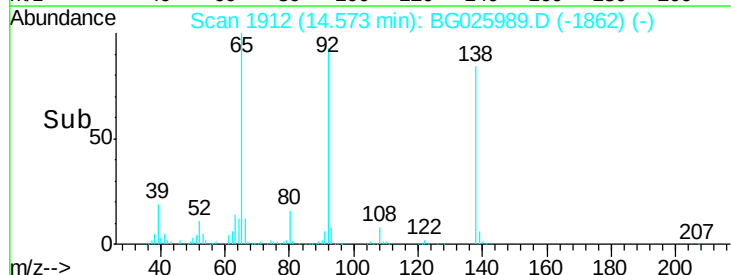
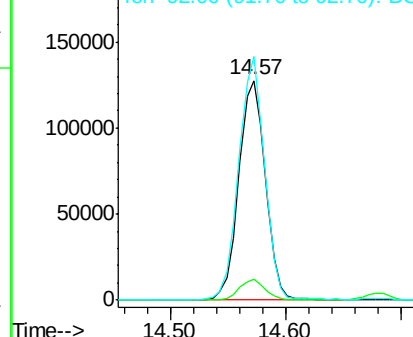
Lab File: BG025989.D

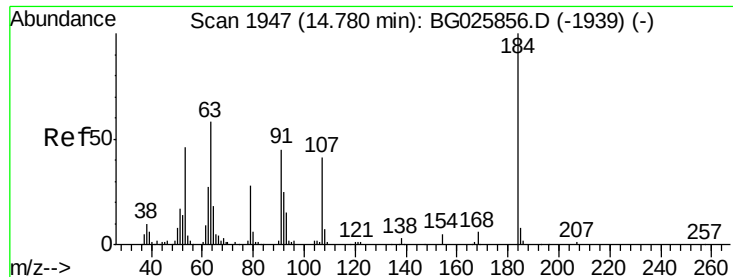
Acq: 28 Feb 2017 7:40

Tgt Ion:	138	Resp:	204080
Ion Ratio	Lower	Upper	
138	100		
108	9.4	10.9	16.3#
92	111.0	115.3	172.9#



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





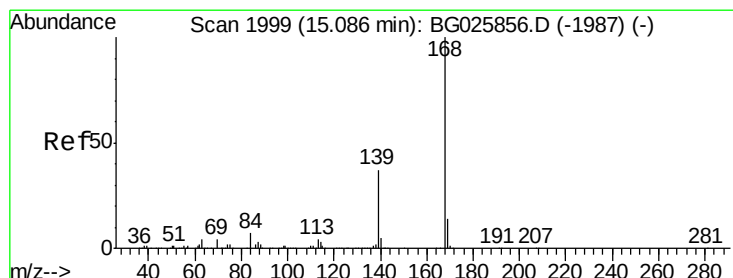
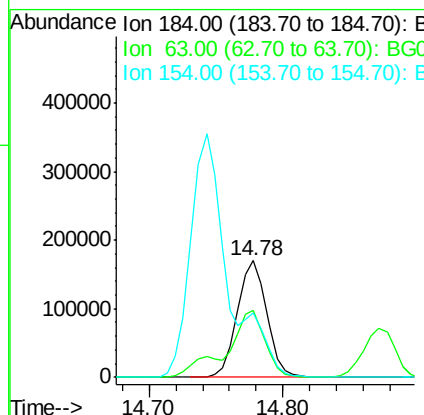
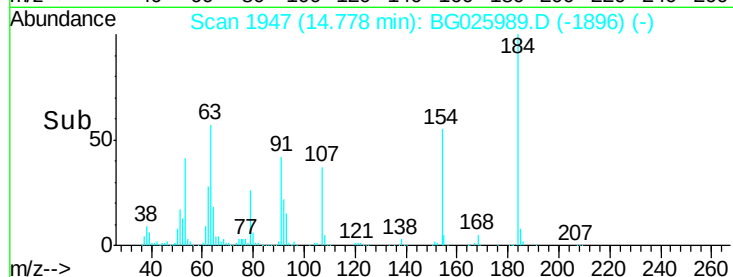
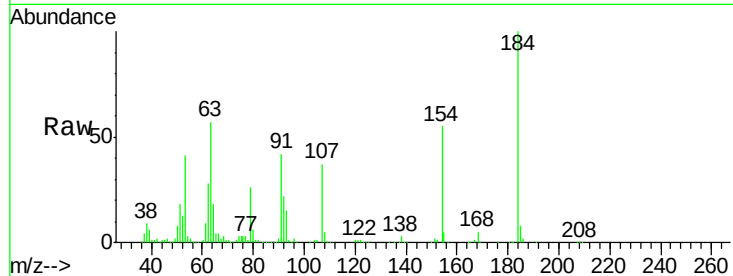
#53
2,4-Dinitrophenol
Concen: 94.27 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
184	100	261294		
63	57.1	52.7	79.1	
154	55.1	57.3	85.9	

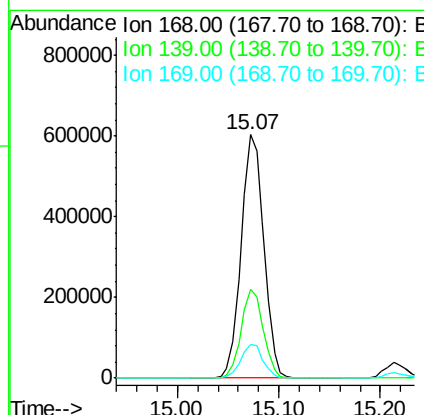
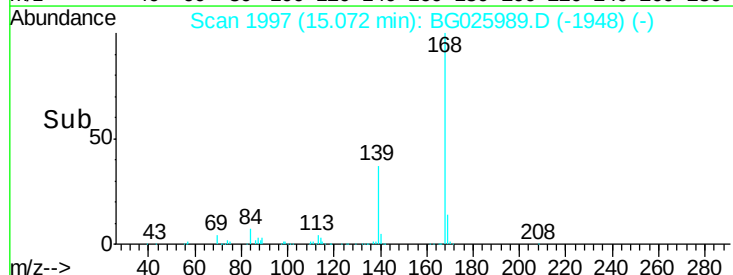
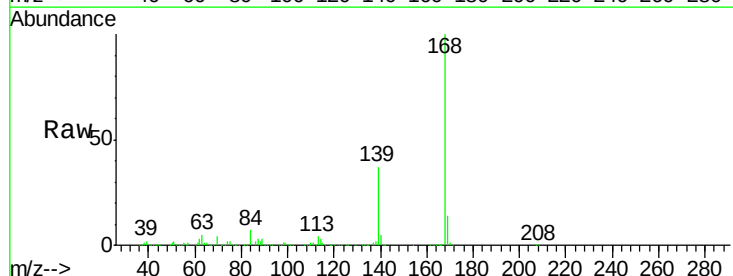
Manual Integrations
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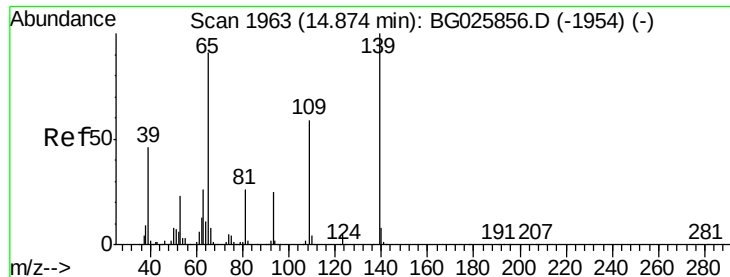
mohammad
3/1/2017 12:37:57 PM



#54
Dibenzofuran
Concen: 33.03 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	932343		
139	36.6	35.3	52.9	
169	13.8	11.5	17.3	





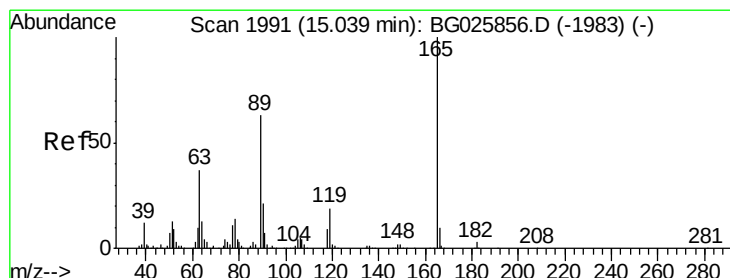
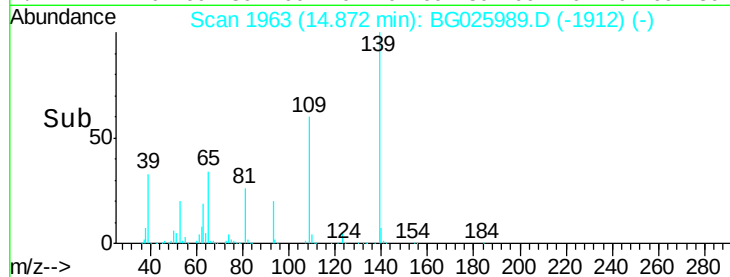
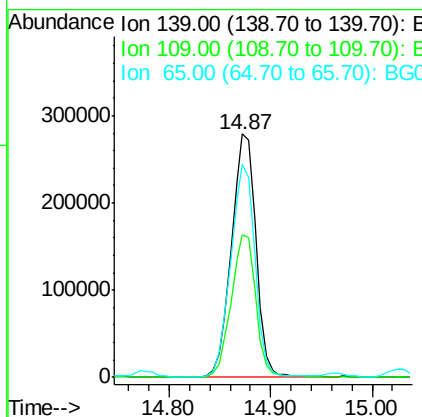
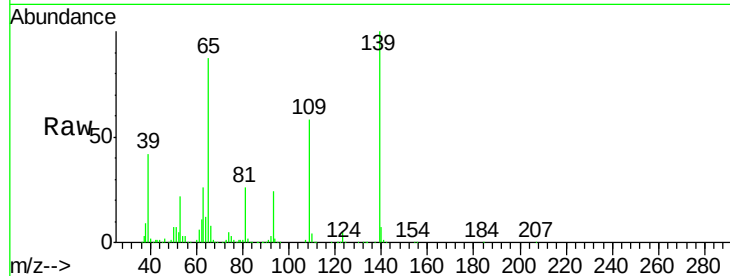
#55
4-Nitrophenol
Concen: 97.51 ng
RT: 14.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.5	101.2	141.2#
65	87.4	135.3	175.3#

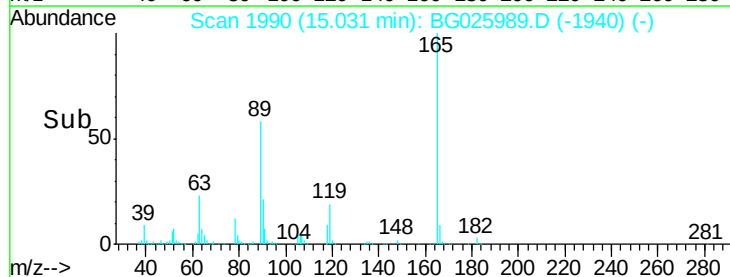
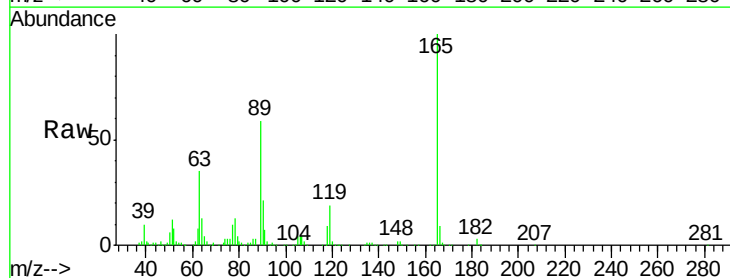
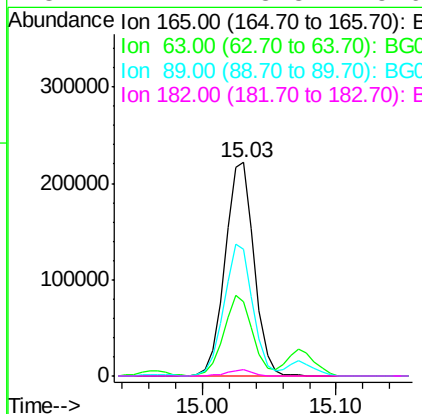
Manual Integrations
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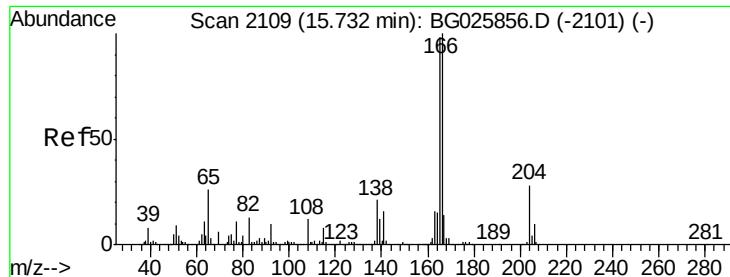
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.22 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.7	44.0	66.0#
89	59.1	67.3	100.9#
182	2.7	3.8	5.6#





#57

Fluorene

Concen: 33.98 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

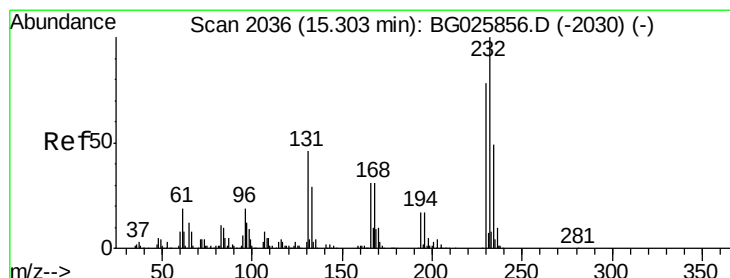
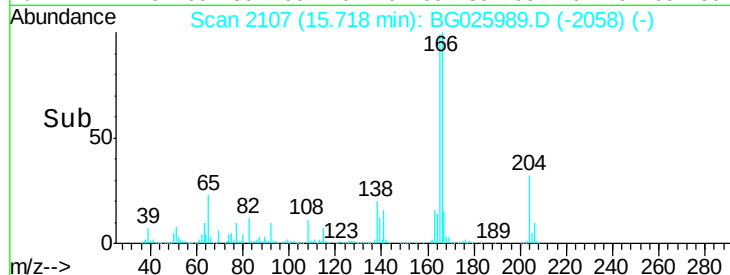
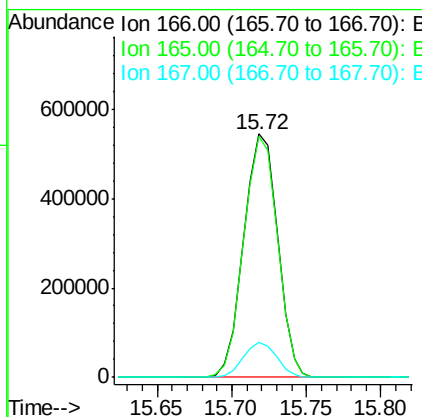
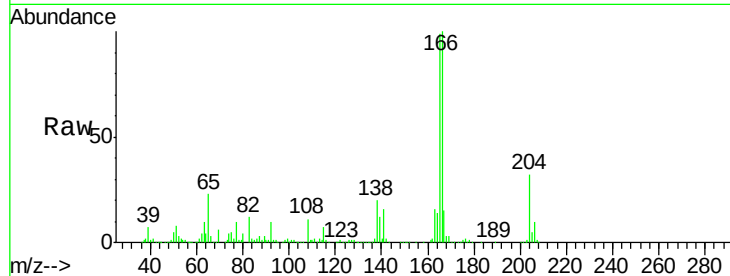
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:	166	Resp:	857064
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.6	117.8
167	14.5	11.6	17.4

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.77 ng

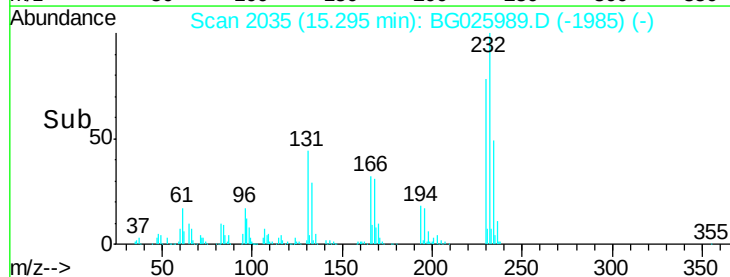
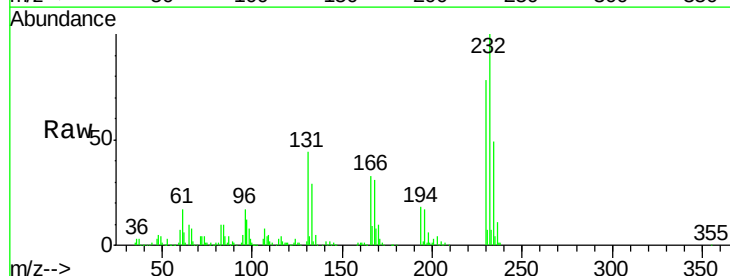
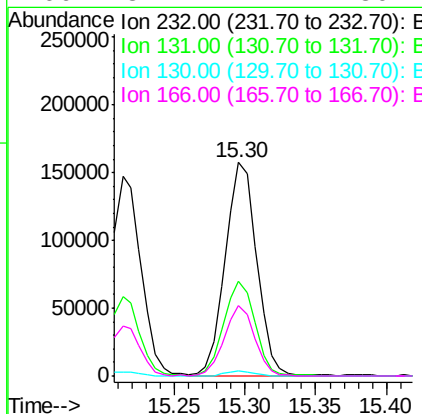
RT: 15.30 min Scan# 2035

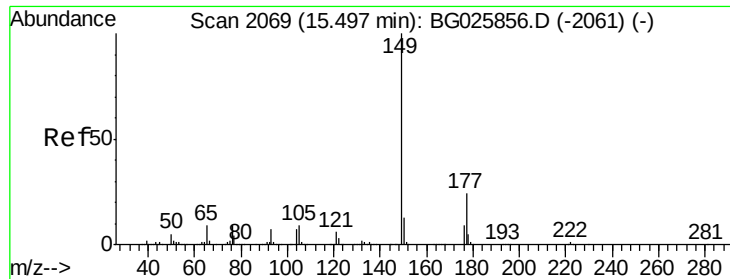
Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tgt Ion:	232	Resp:	243883
Ion Ratio	Lower	Upper	
232	100		
131	44.3	34.9	52.3
130	2.2	2.3	3.5#
166	31.7	24.2	36.4





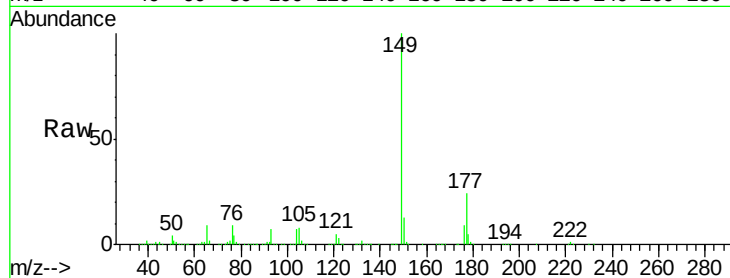
#59
Diethylphthalate
Concen: 41.06 ng
RT: 15.48 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

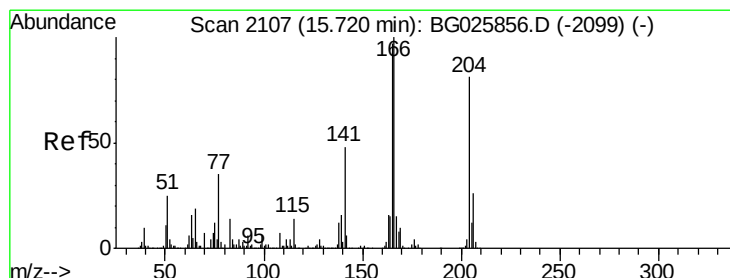
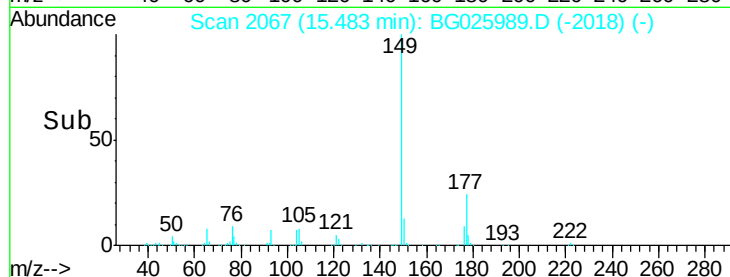
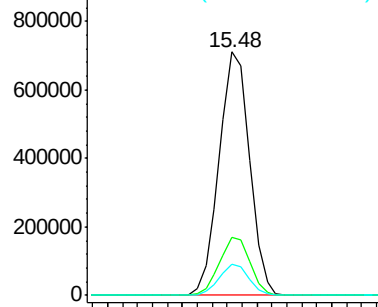
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.1	30.1
150	12.8	10.2	15.2

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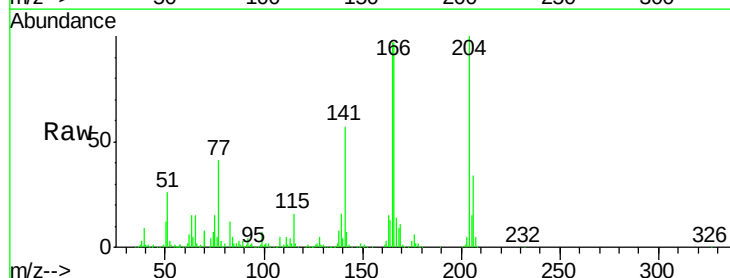


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

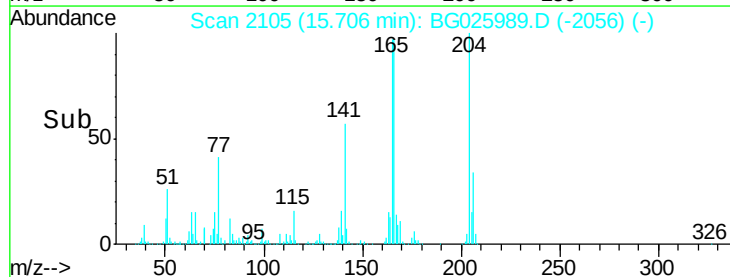
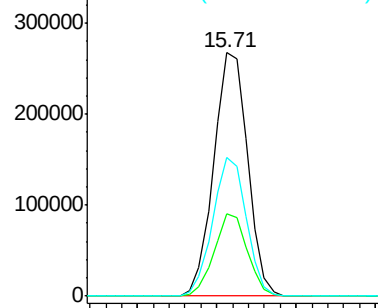


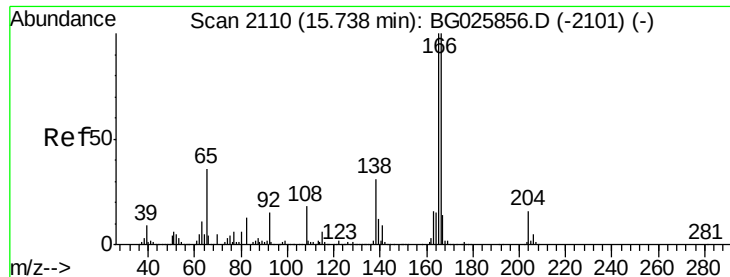
#60
4-Chlorophenyl-phenylether
Concen: 33.94 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	30.1	45.1
141	57.2	50.6	76.0



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





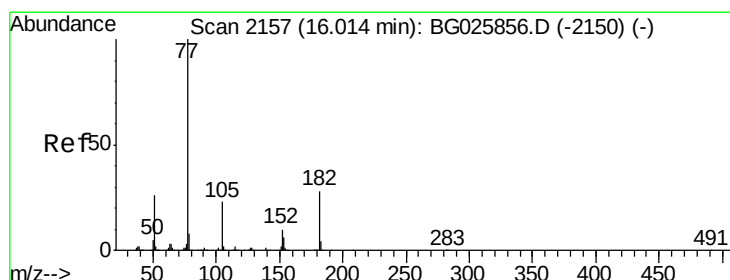
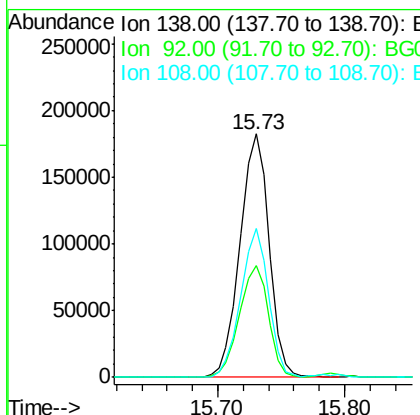
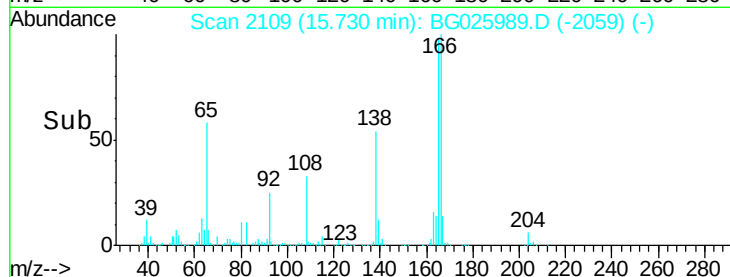
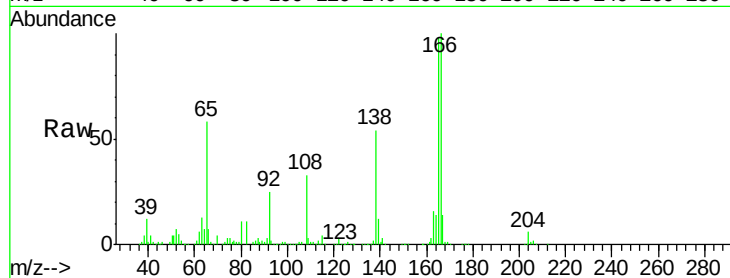
#61
4-Nitroaniline
Concen: 47.51 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
138	100	291827		
92	46.1	44.2	84.2	
108	61.0	104.8	144.8	

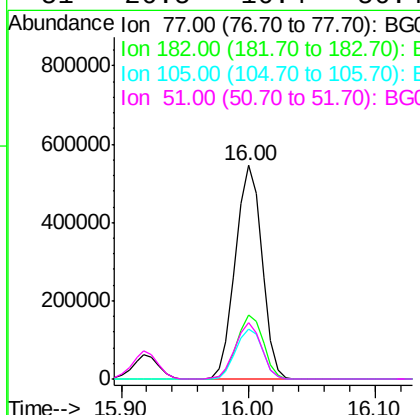
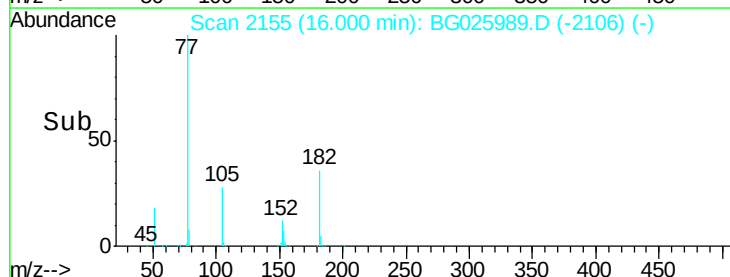
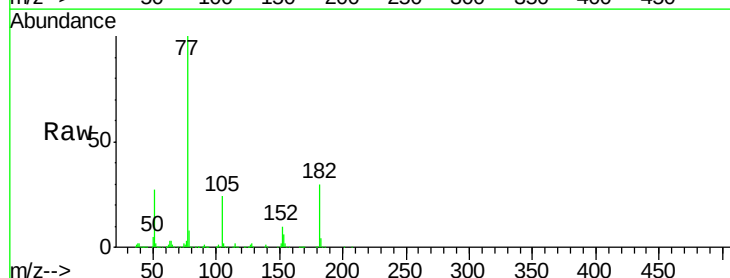
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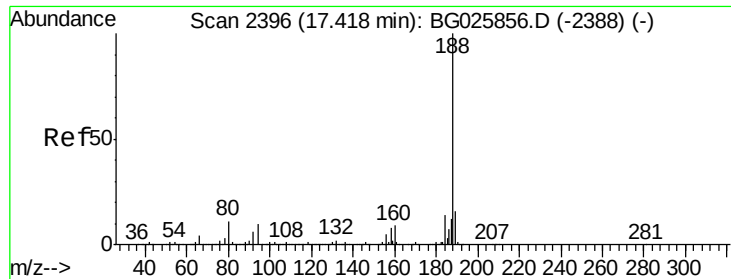
mohammad
3/1/2017 12:37:57 PM



#62
Azobenzene
Concen: 37.66 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	789581		
182	30.0	4.7	44.7	
105	23.6	0.0	36.3	
51	26.5	16.4	56.4	





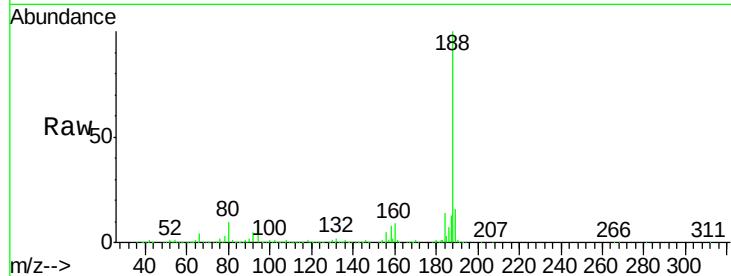
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
188	100	832664		
94	9.6	5.8	8.8#	
80	10.3	7.5	11.3	

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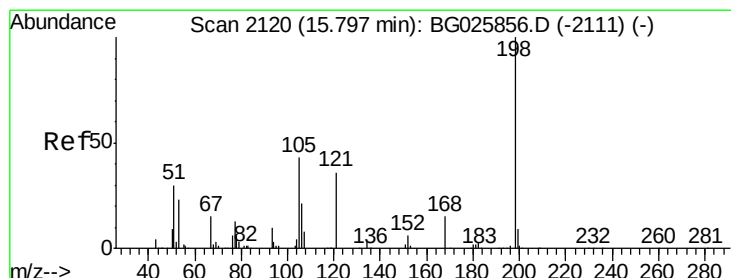
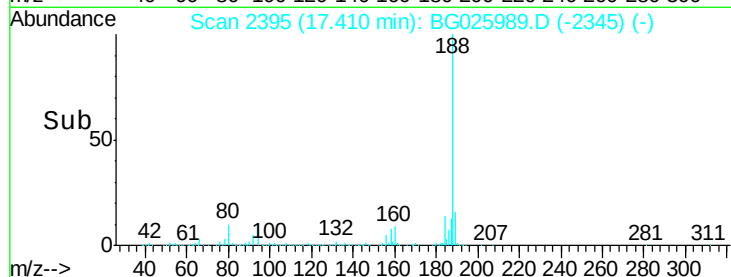
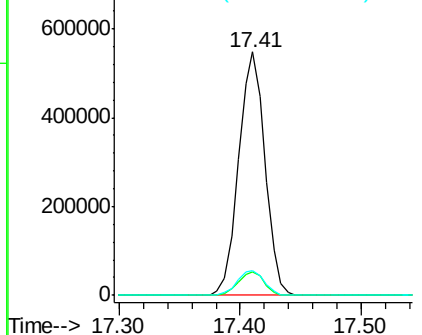
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Abundance Ion 188.00 (187.70 to 188.70): E

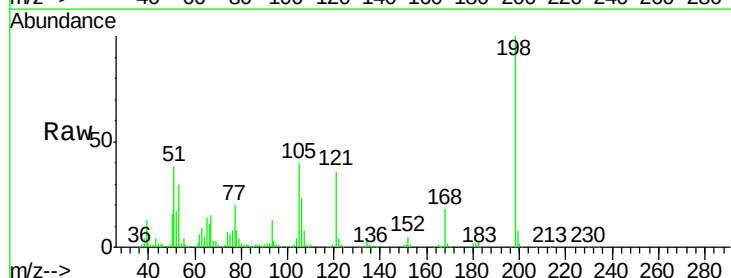
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64
4,6-Dinitro-2-methylphenol
Concen: 43.77 ng
RT: 15.79 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

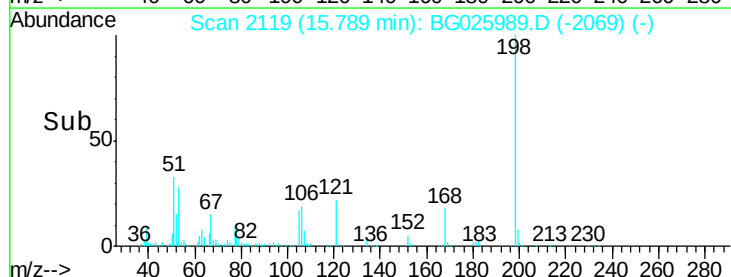
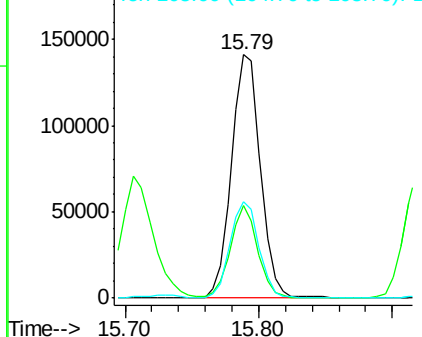
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	213269		
51	37.8	22.6	62.6	
105	39.7	14.4	54.4	

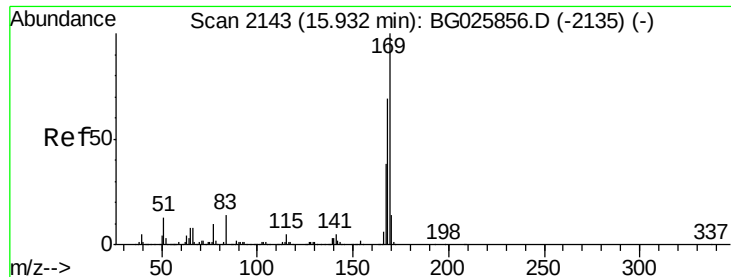


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





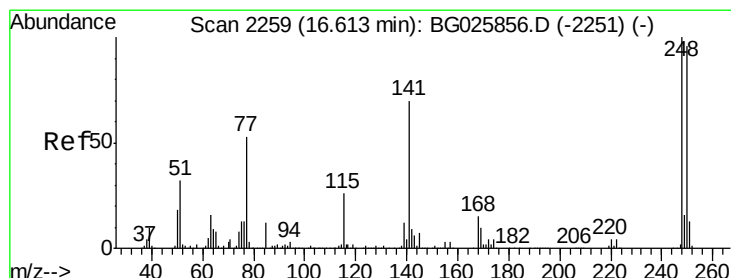
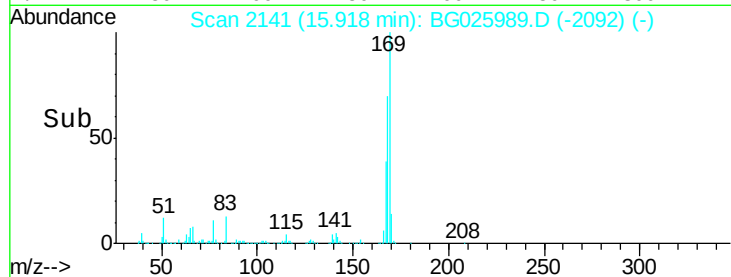
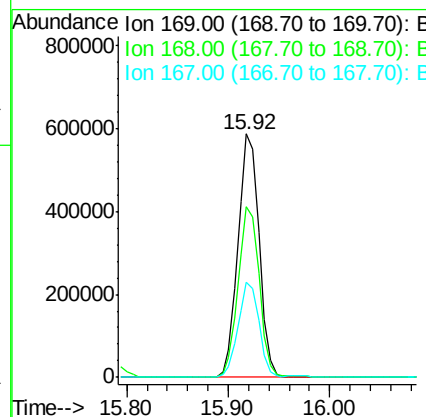
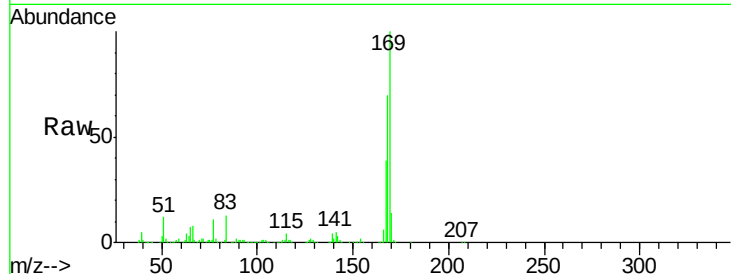
#65
n-Nitrosodiphenylamine
Concen: 33.62 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
169	100	849027		
168	69.9		55.7	83.5
167	39.1		29.8	44.6

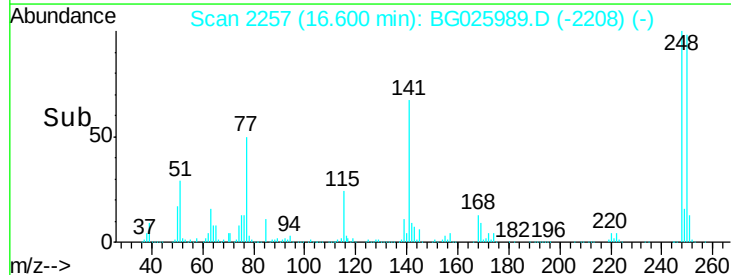
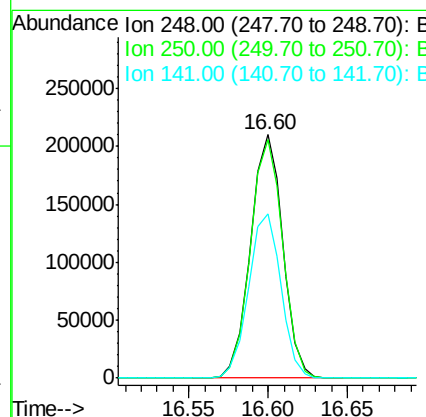
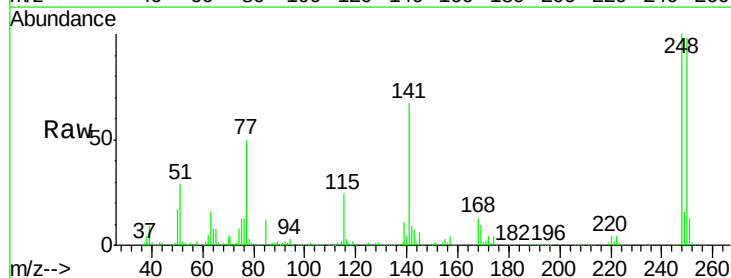
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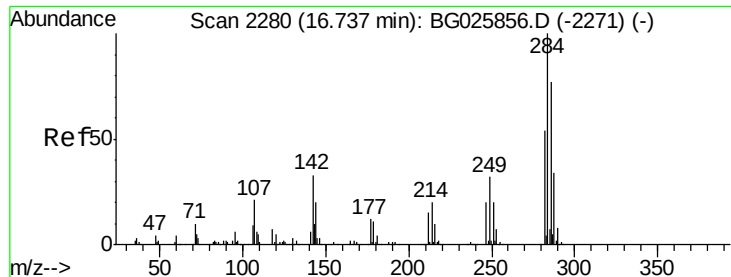
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 33.95 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	296261		
250	97.9		75.0	112.6
141	67.2		55.2	82.8





#67

Hexachlorobenzene

Concen: 34.98 ng

RT: 16.72 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

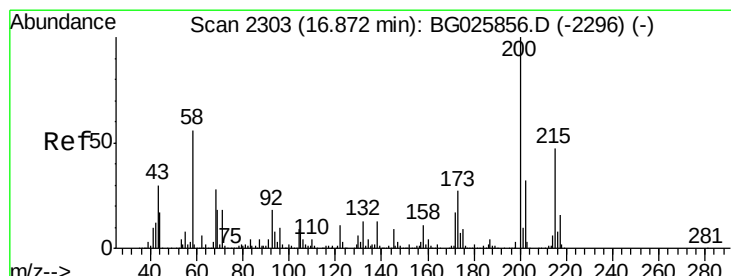
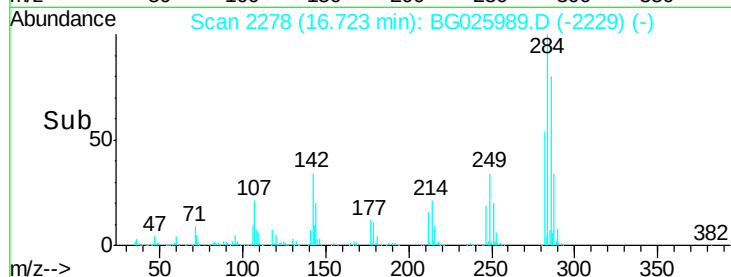
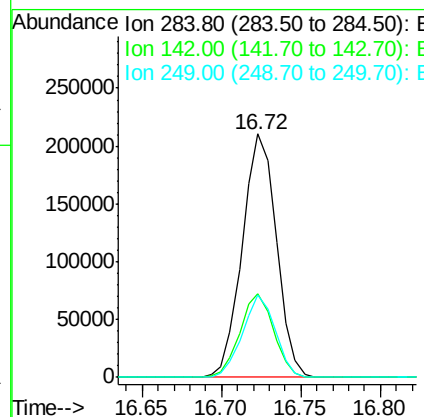
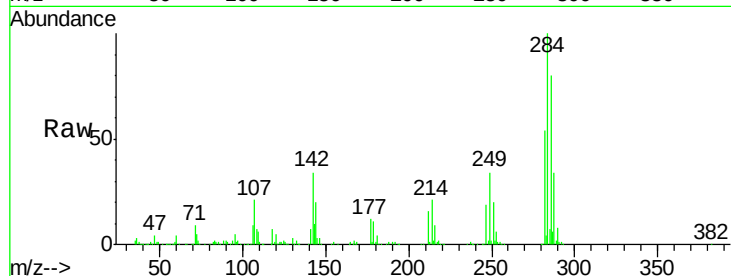
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:	284	Resp:	314657
Ion Ratio		Lower	Upper
284	100		
142	34.4	29.9	44.9
249	34.1	29.2	43.8

Manual Integrations
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#68

Atrazine

Concen: 36.74 ng

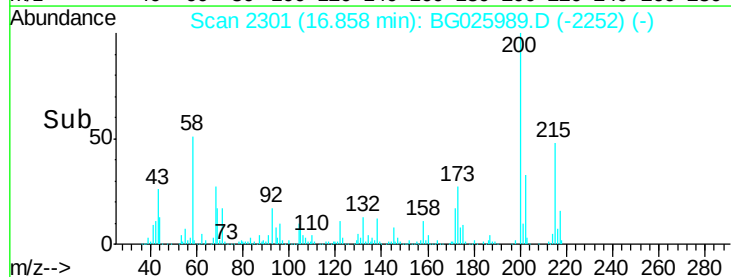
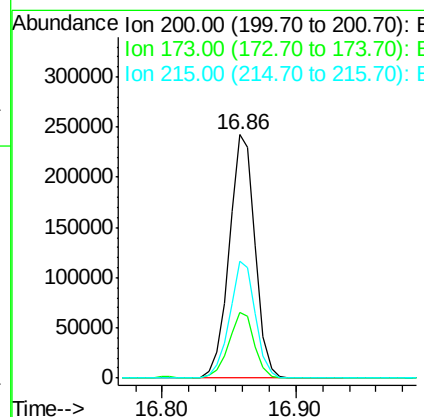
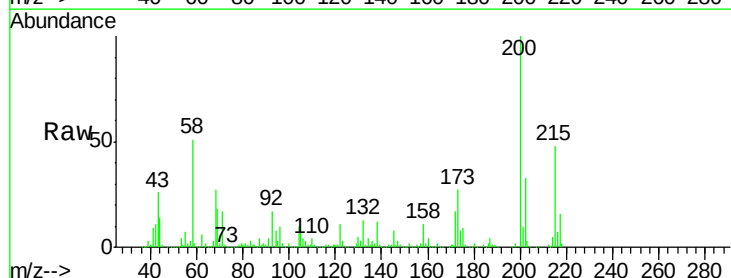
RT: 16.86 min Scan# 2301

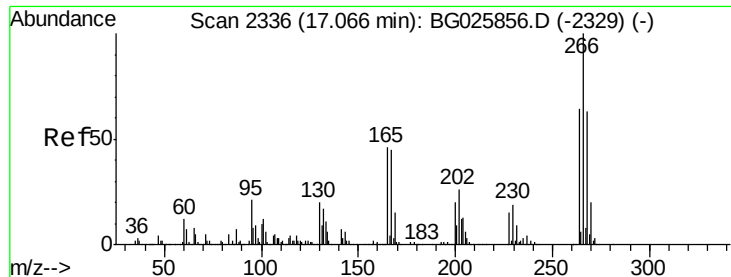
Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tgt Ion:	200	Resp:	328408
Ion Ratio		Lower	Upper
200	100		
173	27.1	3.0	43.0
215	48.2	28.4	68.4





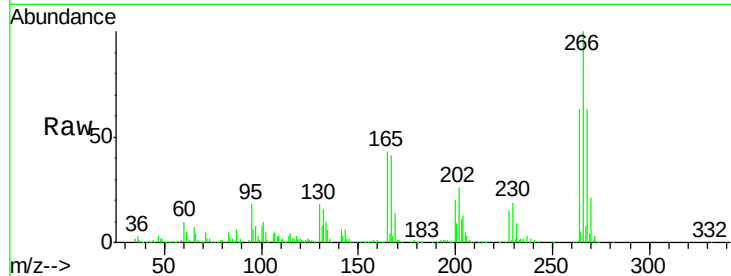
#69
 Pentachlorophenol
 Concen: 82.21 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Resp	Lower	Upper
266	100	456151		
268	63.0		48.6	72.8
264	62.6		50.1	75.1

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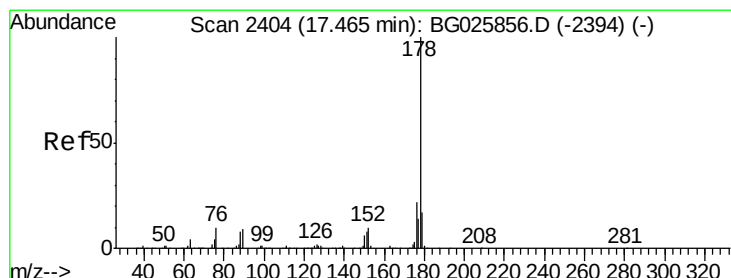
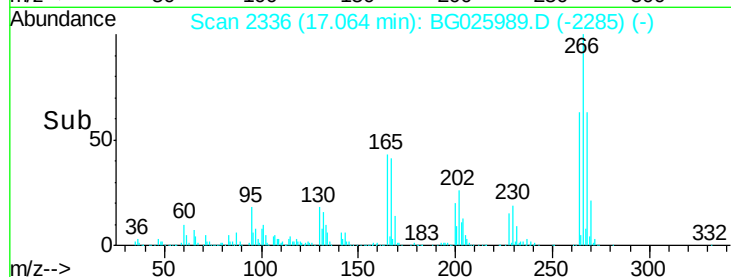
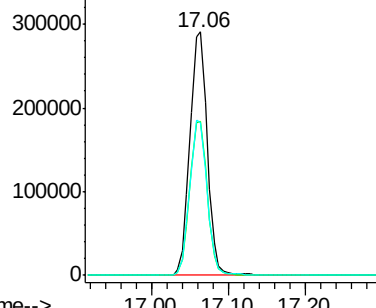


Abundance

Ion 265.70 (265.40 to 266.40): E

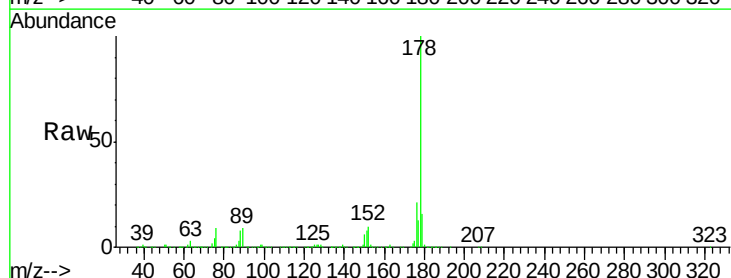
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 36.75 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1661037		
176	20.9		17.7	26.5
179	16.1		15.0	22.6

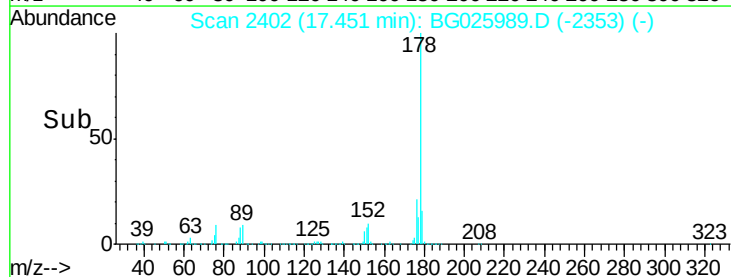
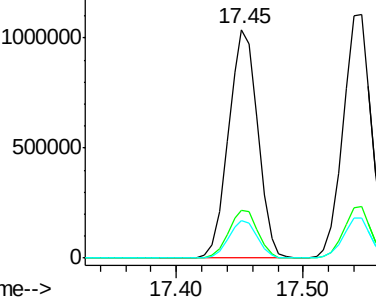


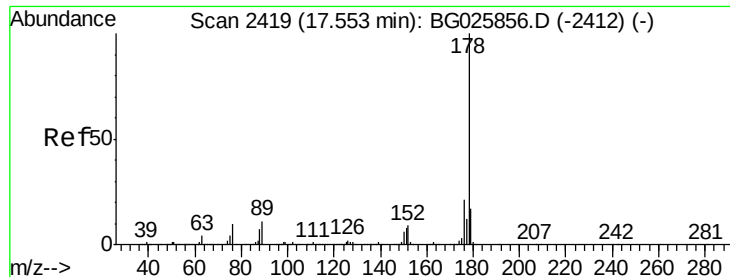
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





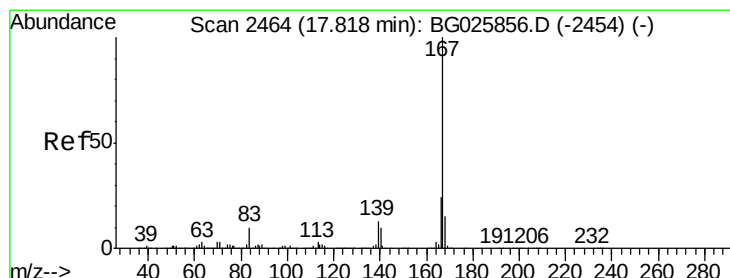
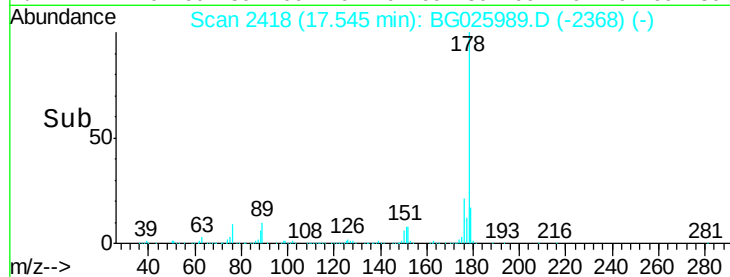
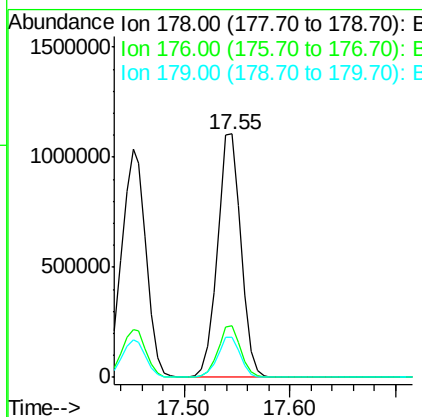
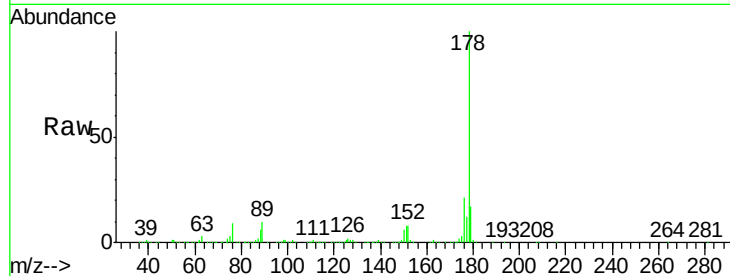
#71
 Anthracene
 Concen: 37.23 ng
 RT: 17.55 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:178 Resp: 1715766
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.4 24.6
 179 16.7 13.8 20.8

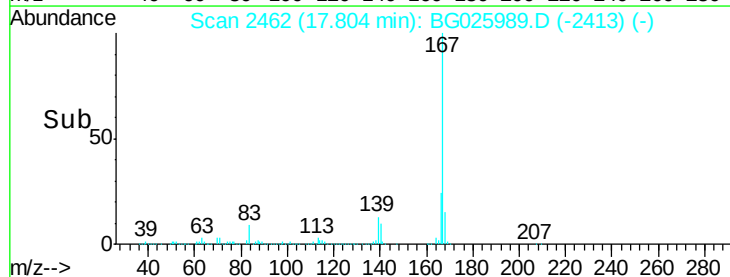
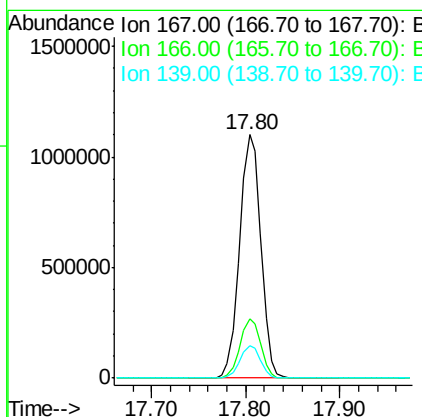
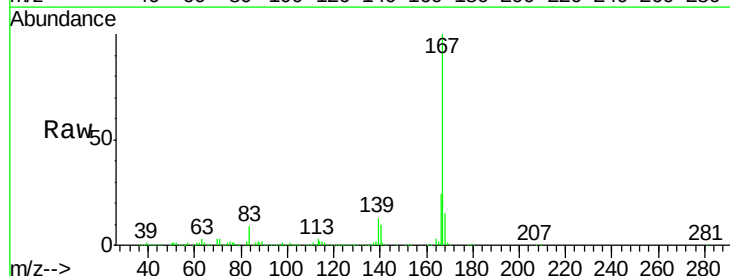
Manual Integrations
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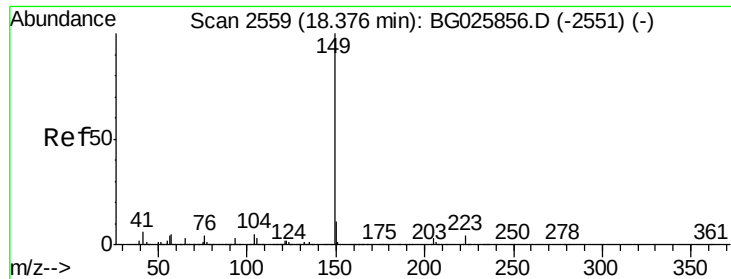
mohammad
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#72
 Carbazole
 Concen: 37.18 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion:167 Resp: 1721133
 Ion Ratio Lower Upper
 167 100
 166 24.2 20.2 30.2
 139 13.4 12.8 19.2





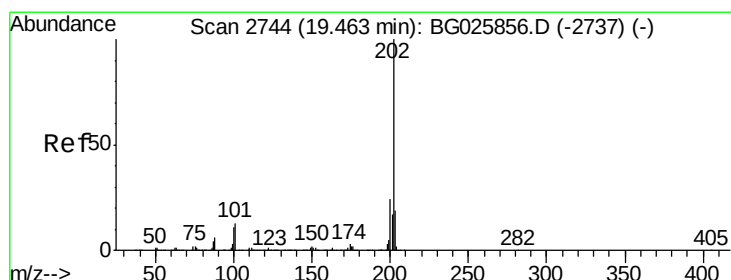
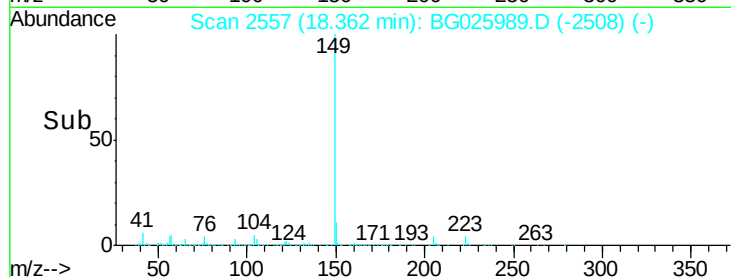
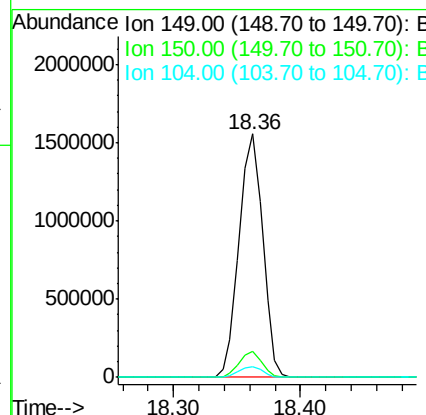
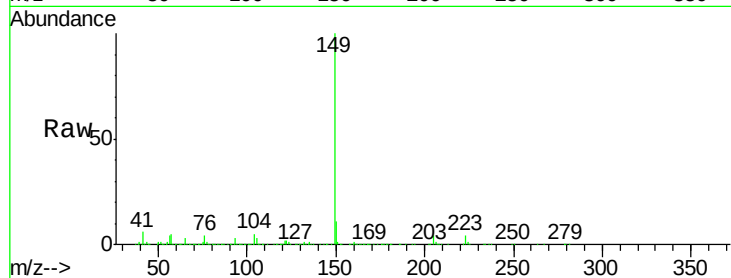
#73
Di-n-butylphthalate
Concen: 44.20 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.1	13.7
104	4.6	6.7	10.1

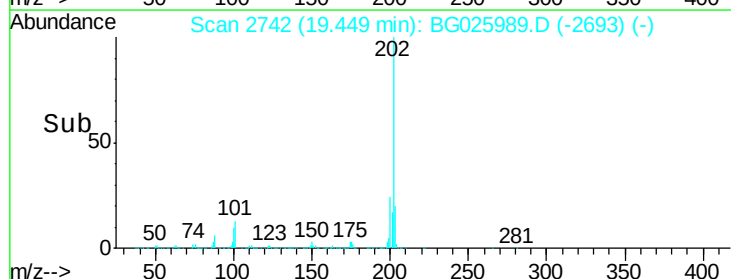
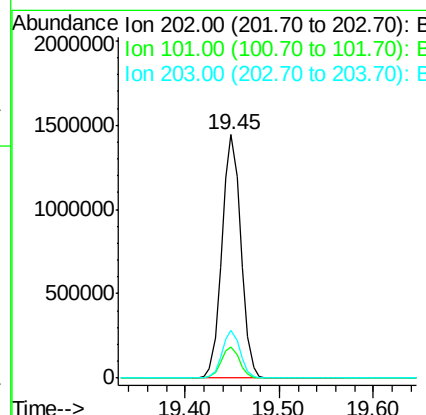
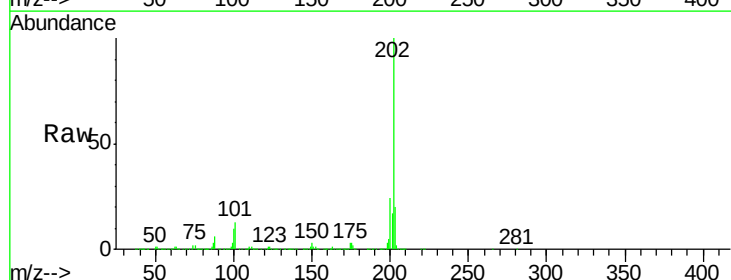
Manual Integrations
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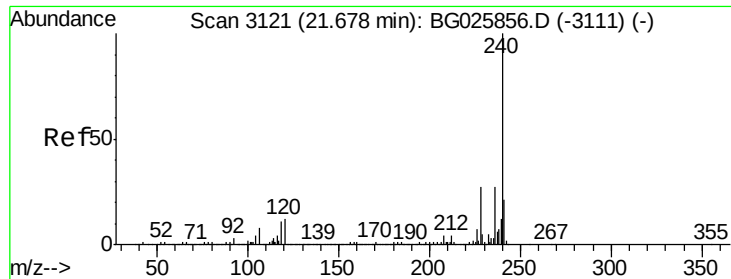
mohammad
3/1/2017 12:37:57 PM



#74
Fluoranthene
Concen: 40.94 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.1
203	19.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

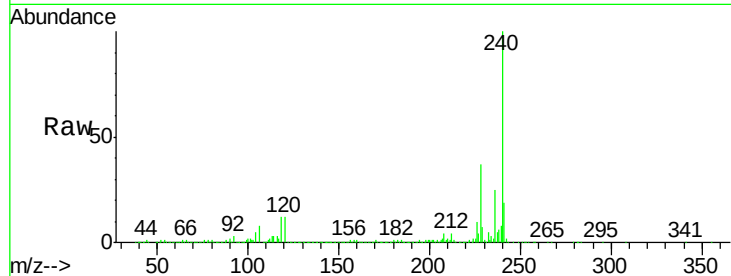
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.7	8.5#
236	25.4	22.2	33.4

Manual Integrations
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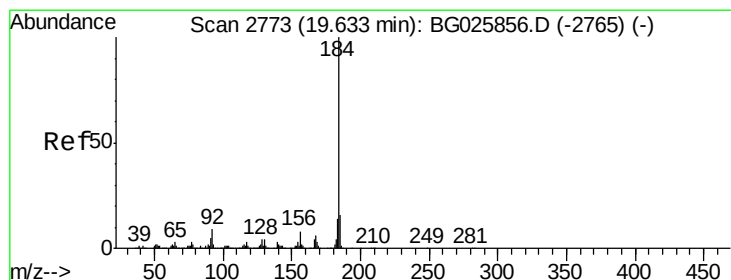
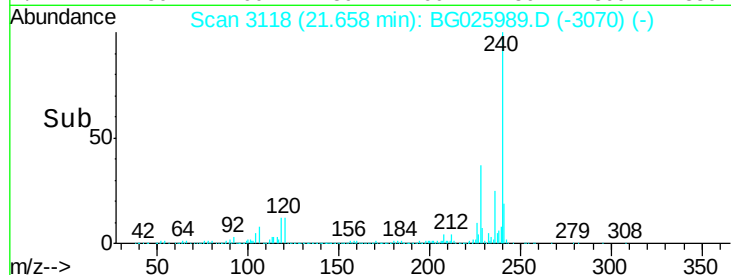
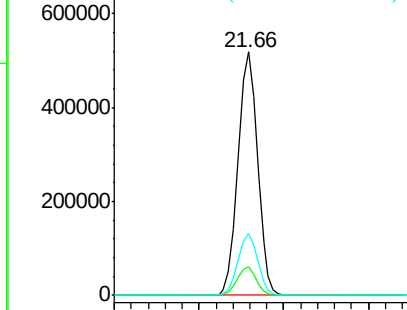
mohammad
3/1/2017 12:37:57 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.12 ng

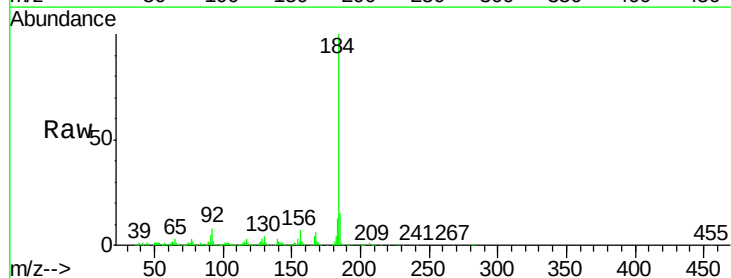
RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

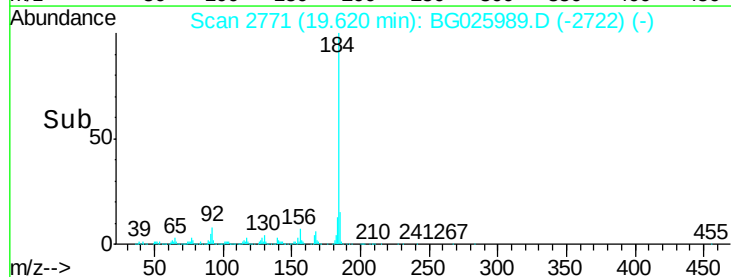
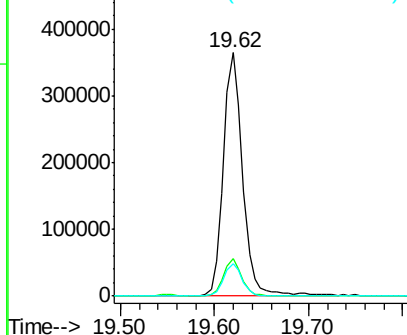
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.6
183	13.4	11.0	16.6

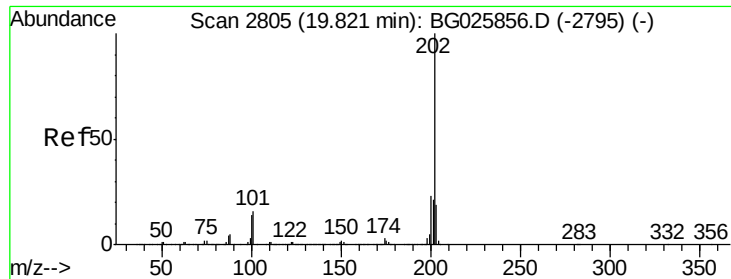


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





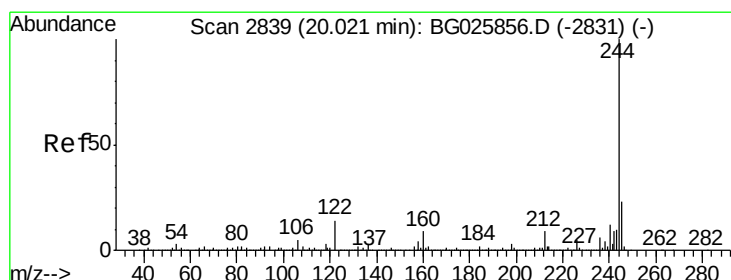
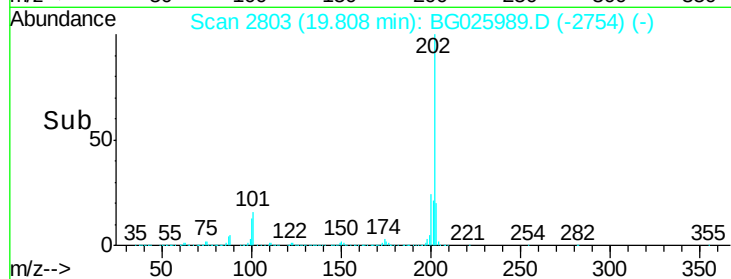
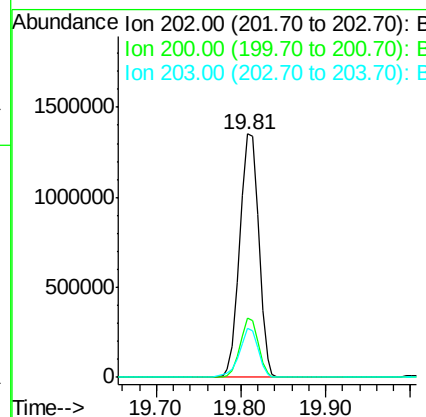
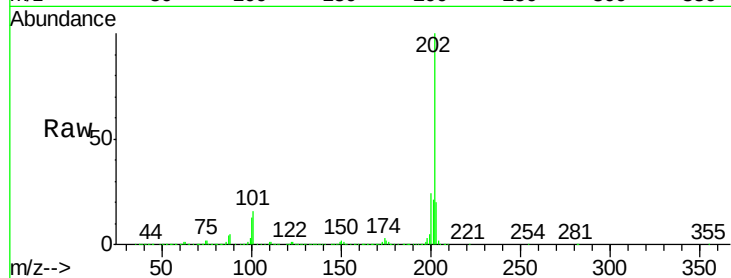
#77
Pvrene
Concen: 39.84 ng
RT: 19.81 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.6	29.4
203	19.9	15.8	23.8

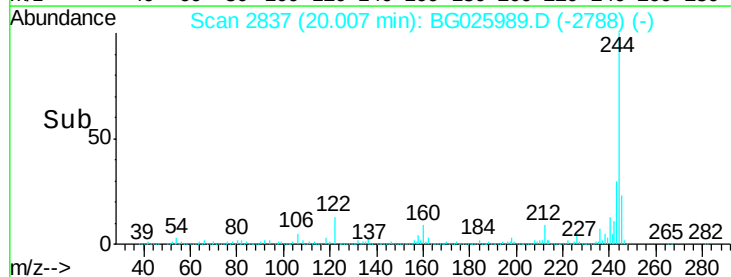
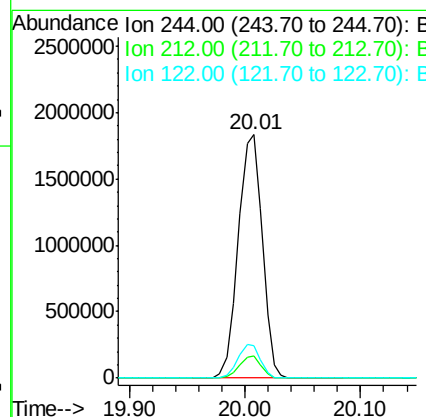
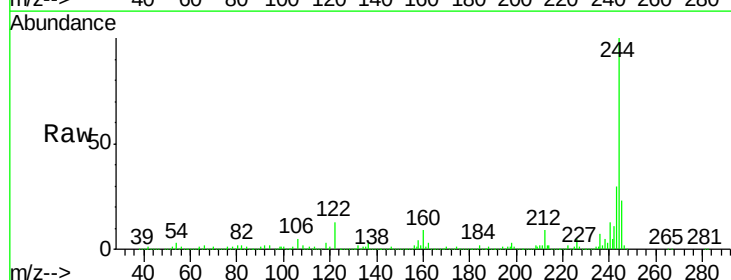
Manual Integrations
APPROVED

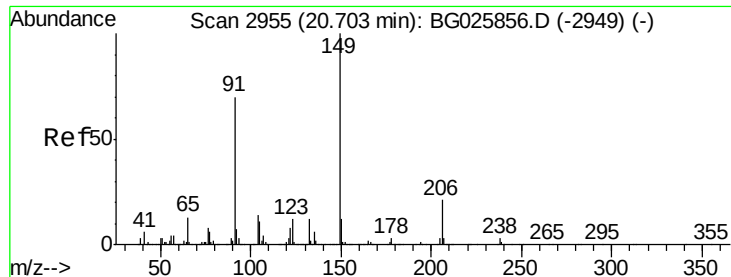
mohammad
3/1/2017 12:37:57 PM



#78
Terphenyl-d14
Concen: 77.81 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.0	15.0#
122	13.2	8.6	12.8#





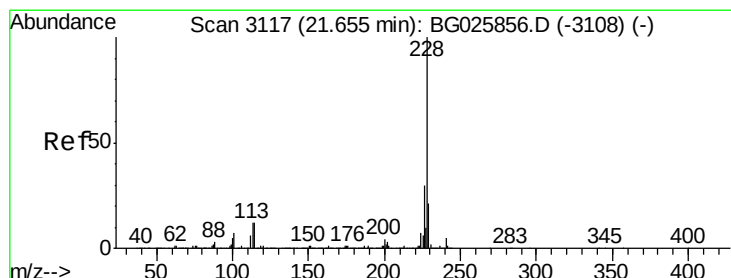
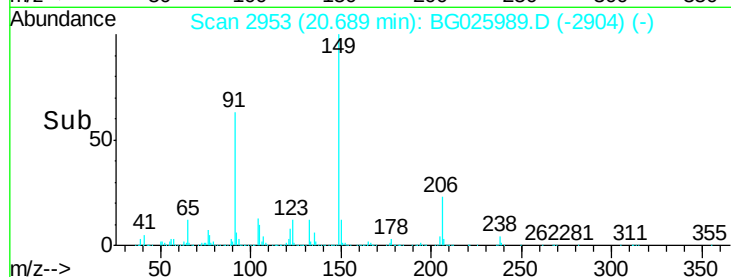
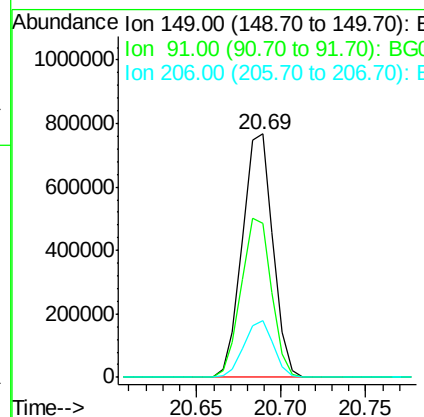
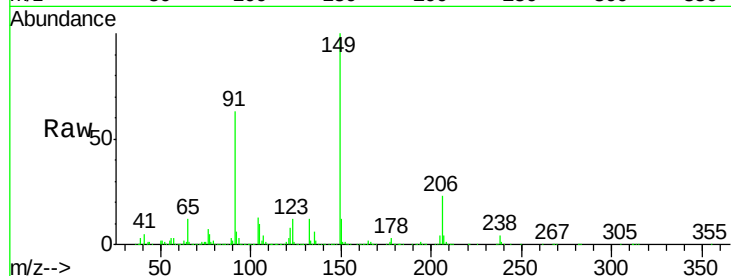
#79
Butylbenzylphthalate
Concen: 48.86 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.4	63.5	95.3#
206	23.1	21.0	31.6

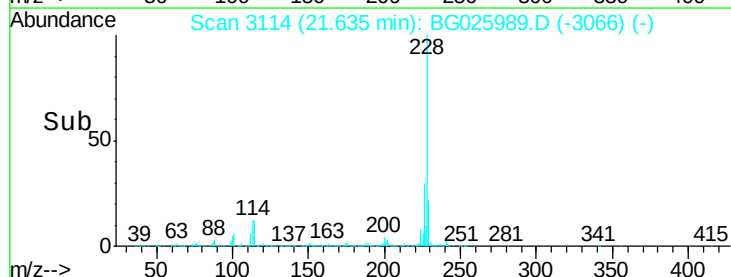
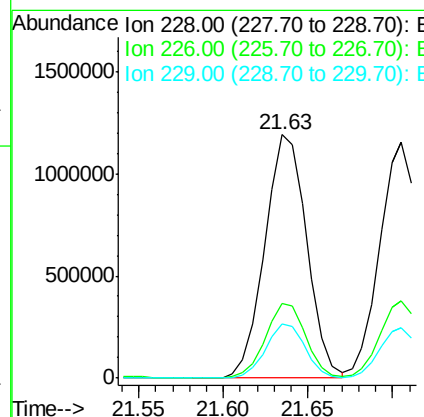
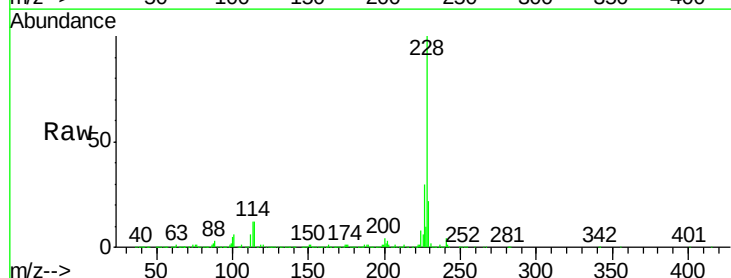
Manual Integrations
APPROVED

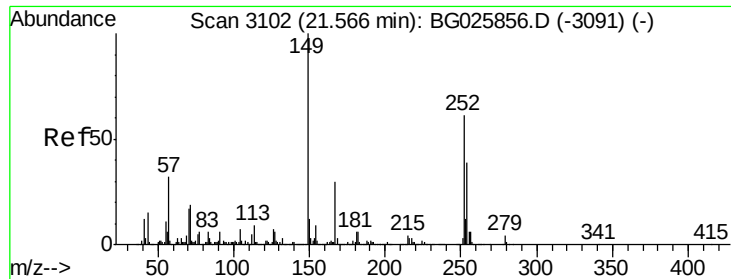
mohammad
3/1/2017 12:37:57 PM



#80
Benzo(a)anthracene
Concen: 42.67 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.0	18.2	27.2





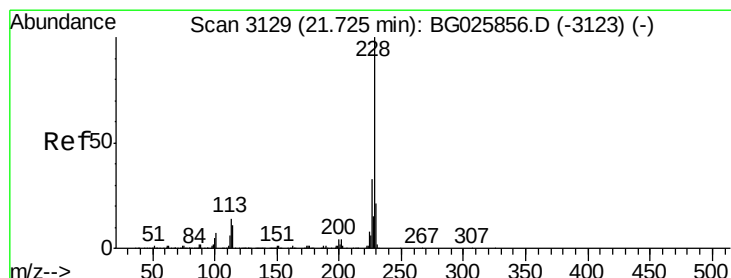
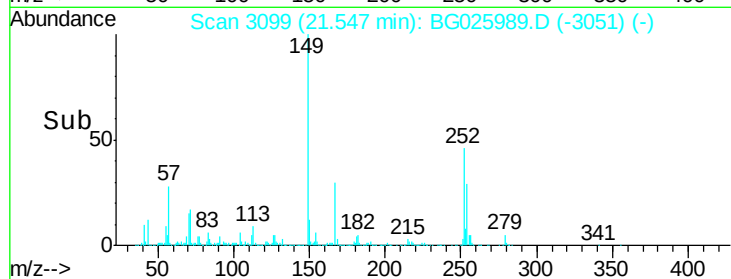
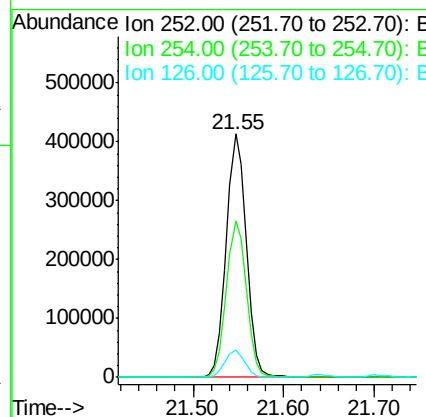
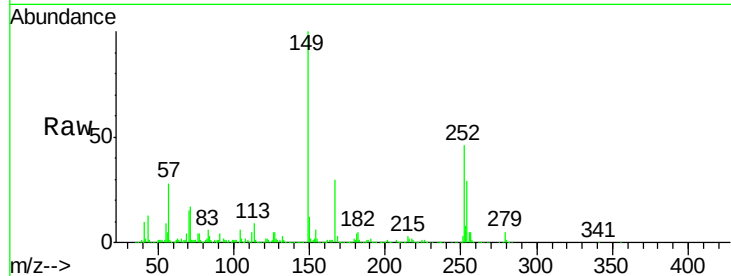
#81
 3,3'-Dichlorobenzidine
 Concen: 36.98 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.1	79.7
126	11.4	7.0	10.4

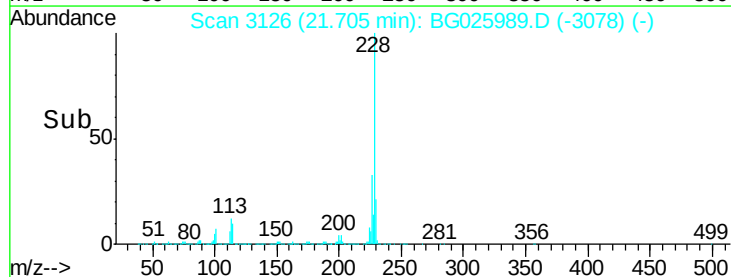
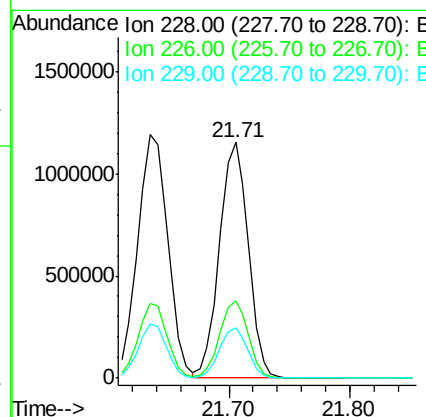
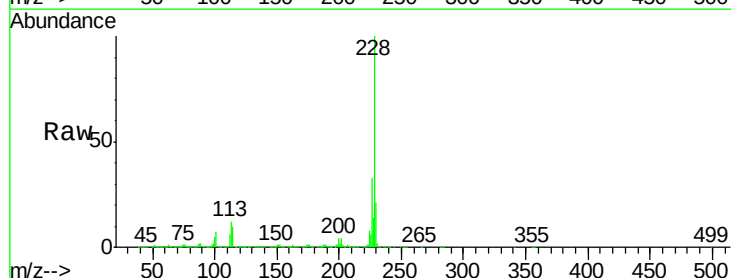
Manual Integrations
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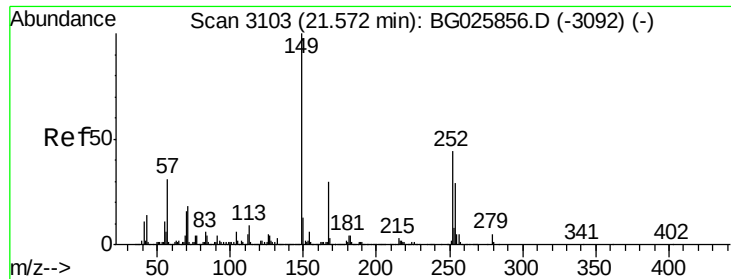
mohammad
 3/1/2017 12:37:57 PM



#82
 Chrysene
 Concen: 40.87 ng
 RT: 21.71 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG025989.D
 Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	27.0	40.4
229	21.4	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.28 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion:149 Resp: 1351864

Ion Ratio Lower Upper

149 100

167 31.1 23.7 35.5

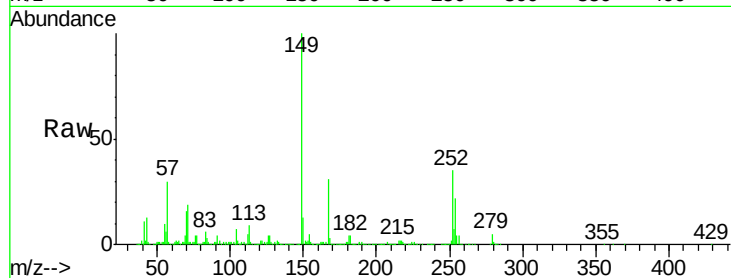
279 5.0 4.6 6.8

Manual Integrations

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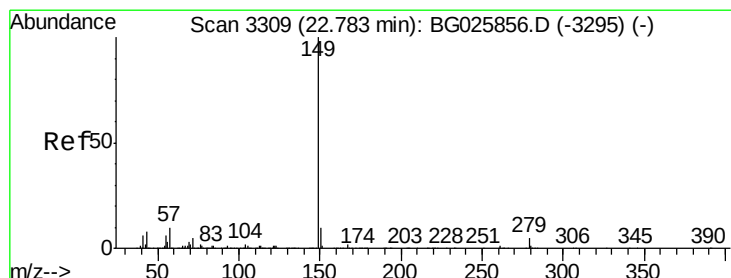
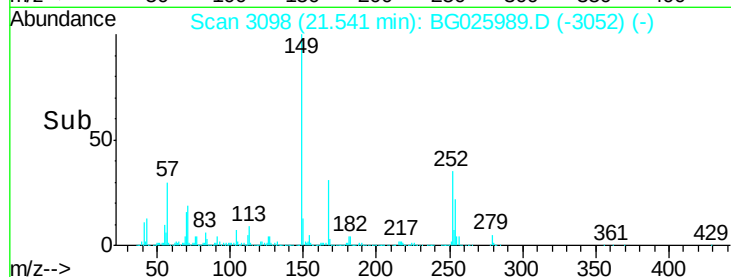
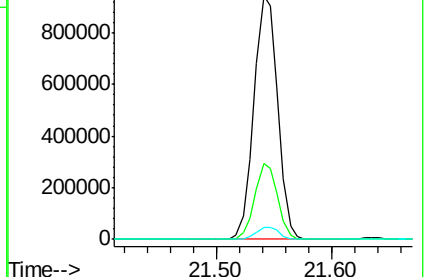
3/1/2017 12:37:57 PM



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: 50.15 ng

RT: 22.75 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

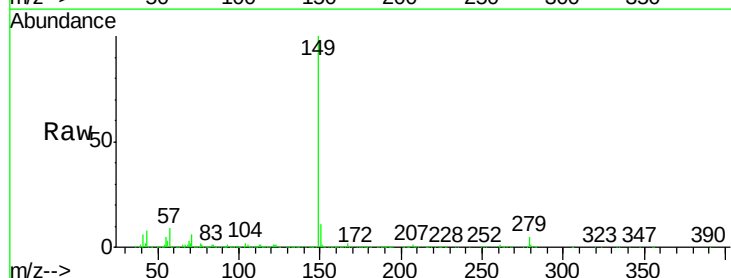
Tgt Ion:149 Resp: 2367797

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

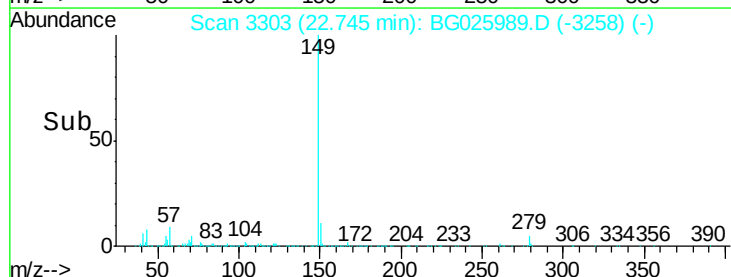
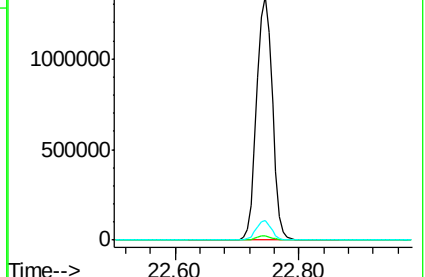
43 7.7 11.8 17.6#

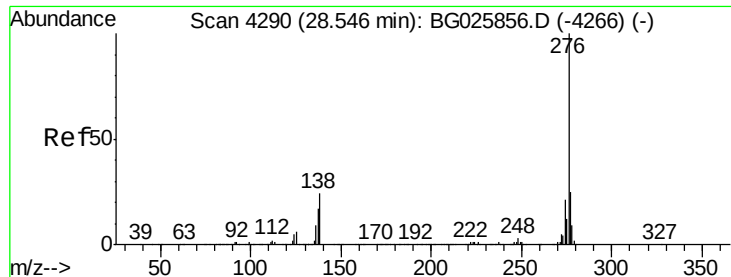


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





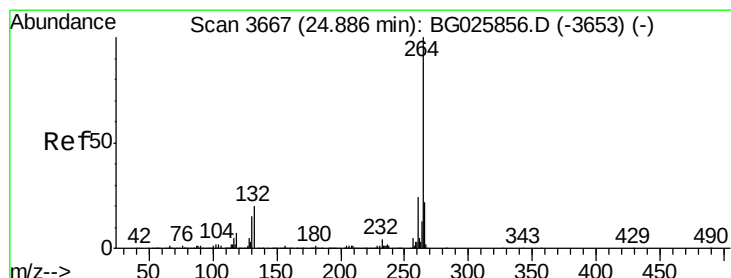
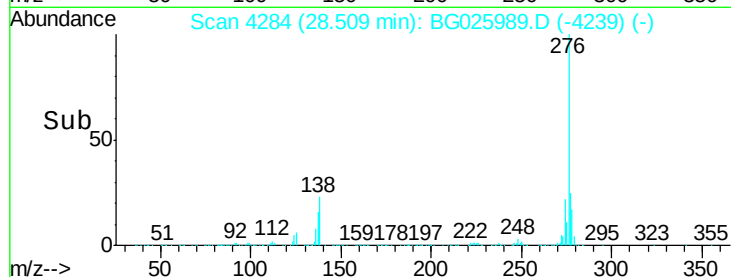
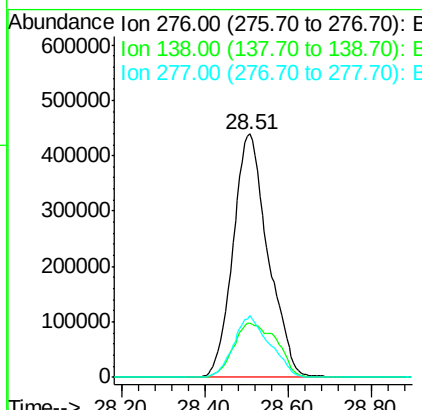
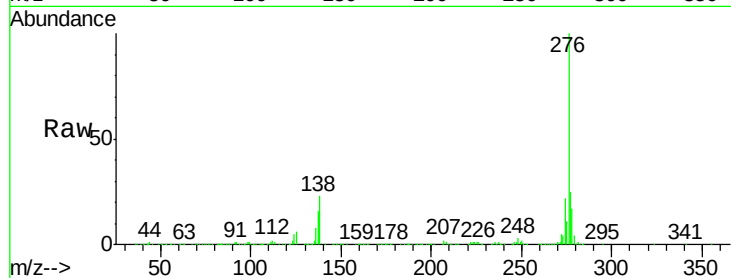
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.91 ng
RT: 28.51 min Scan# 4284
Delta R.T. -0.04 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	4.7	7.1#
277	25.9	20.6	31.0

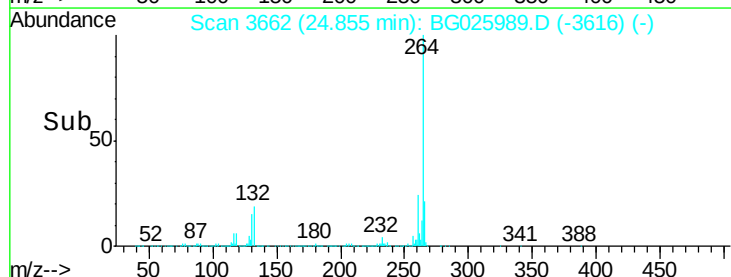
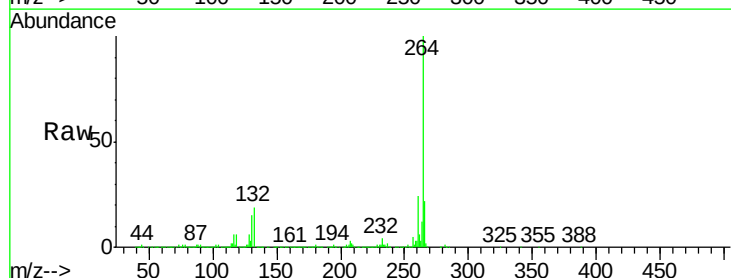
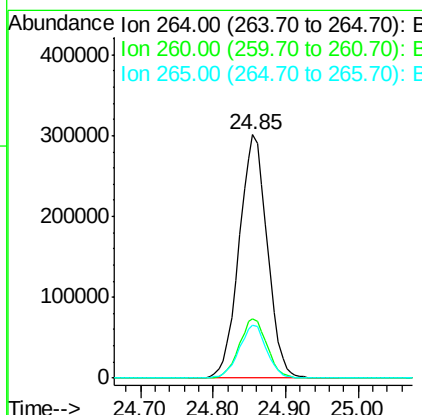
Manual Integrations
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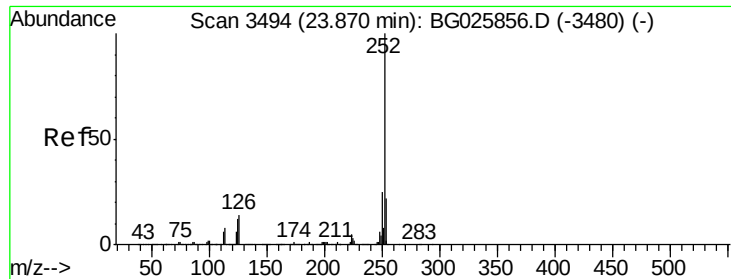
mohammad
3/1/2017 12:37:57 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.5	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 44.20 ng

RT: 23.84 min Scan# 3489

Delta R.T. -0.03 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

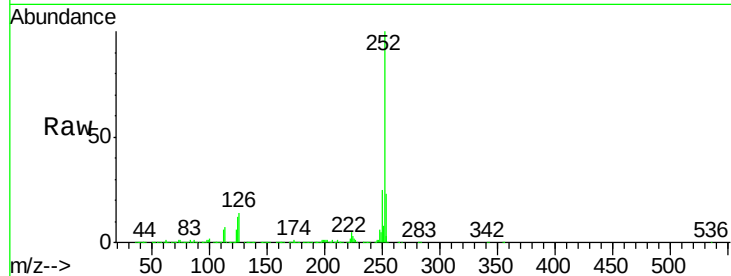
ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

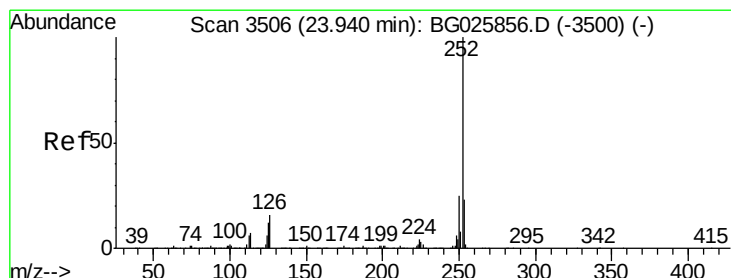
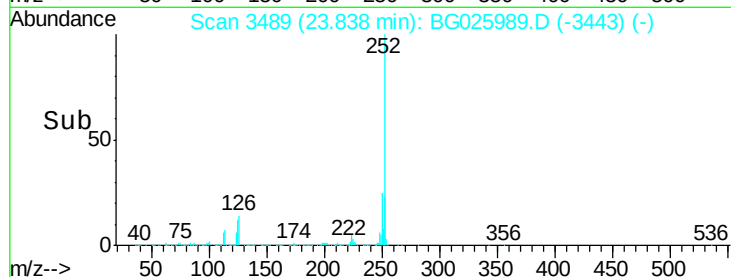
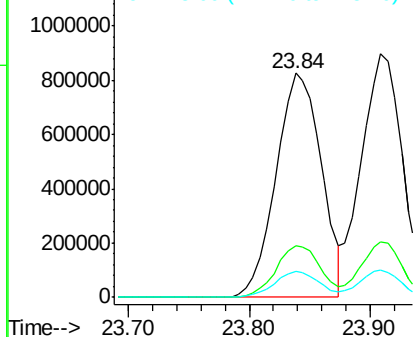
Tot Ion:	252	Resp:	2142436
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	11.7	5.3	7.9#

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3/1/2017 12:37:57 PM



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: 44.81 ng

RT: 23.91 min Scan# 3501

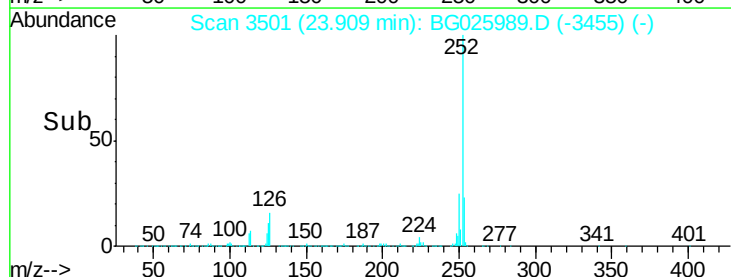
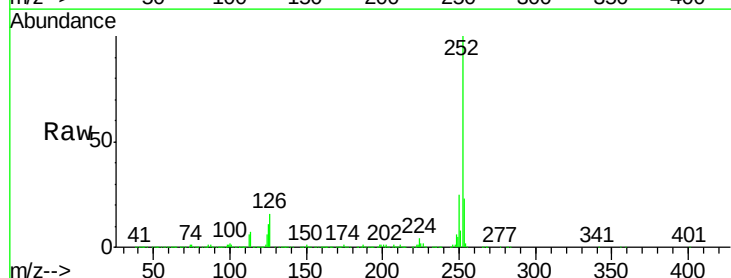
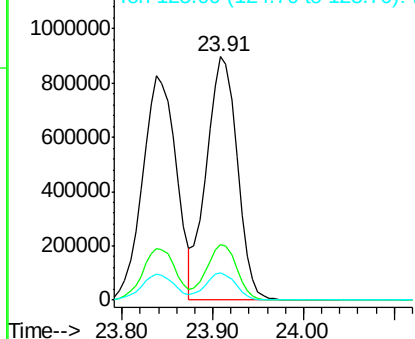
Delta R.T. -0.03 min

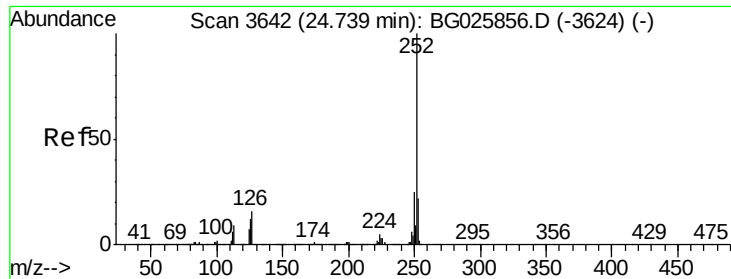
Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Tgt Ion:	252	Resp:	2118993
Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.2
125	11.3	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





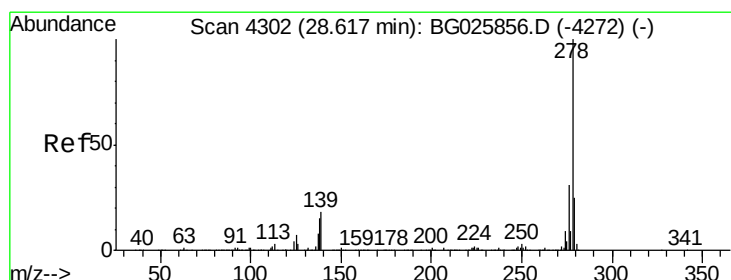
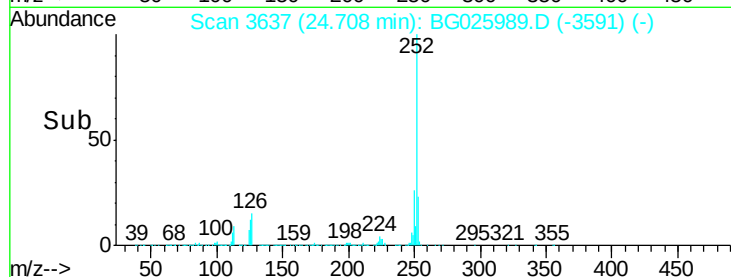
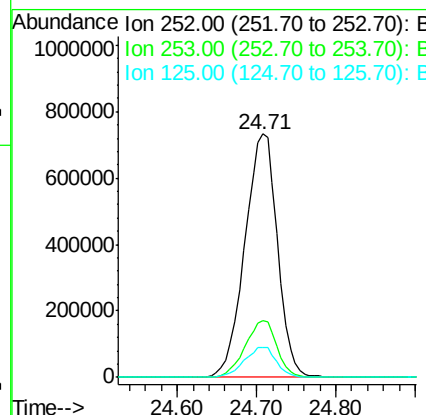
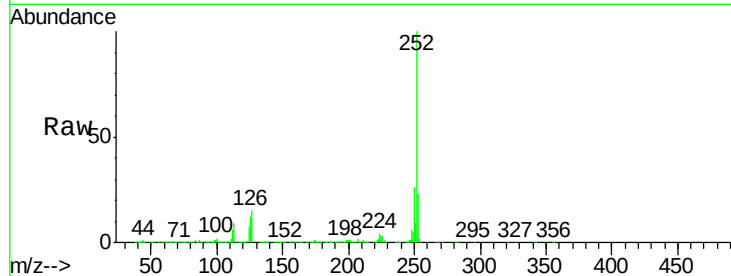
#89
Benzo(a)pyrene
Concen: 45.60 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	12.4	5.4	8.0

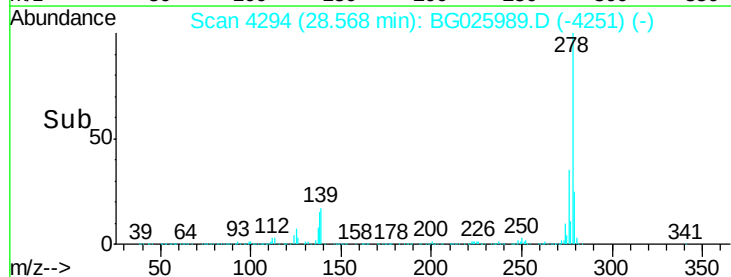
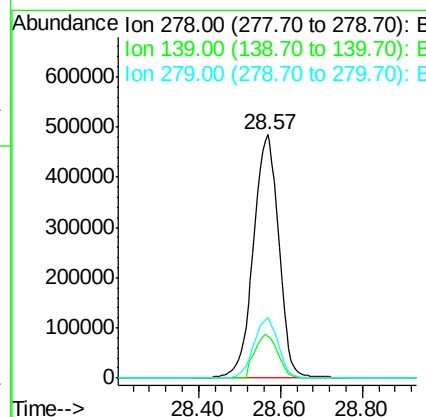
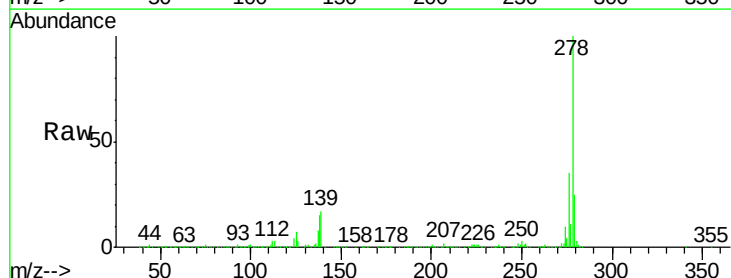
Manual Integrations
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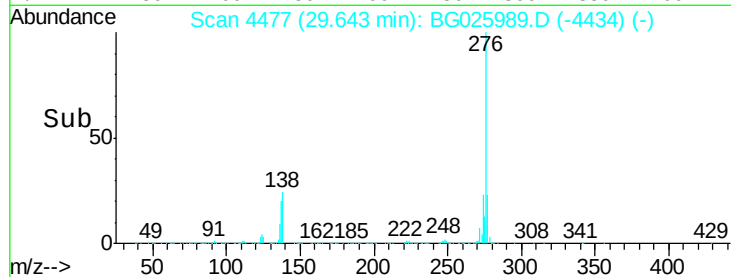
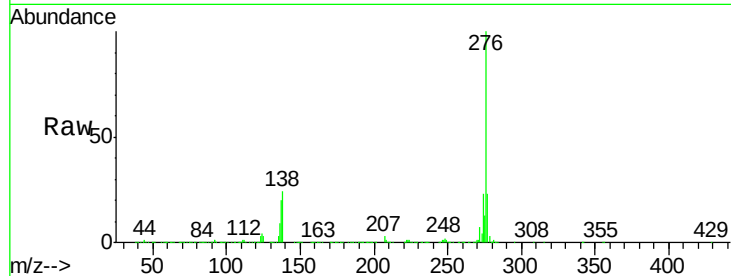
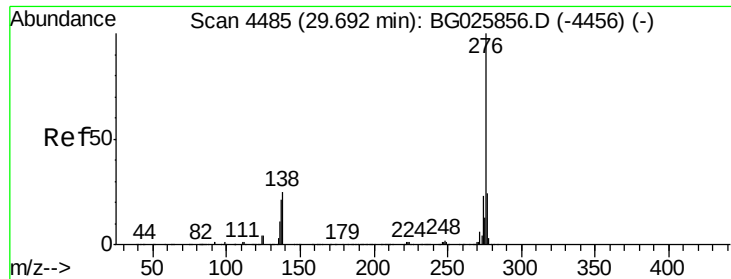
mohammad
3/1/2017 12:37:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.53 ng
RT: 28.57 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG025989.D
Acq: 28 Feb 2017 7:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	7.7	11.5
279	24.8	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 45.86 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG025989.D

Acq: 28 Feb 2017 7:40

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

Tot Ion: 276 Resp: 2119946

Ion Ratio Lower Upper

276 100

277 22.9 18.6 27.8

138 23.8 8.1 12.1#

Manual Integrations

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3/1/2017 12:37:57 PM

