

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025988.D
 Acq On : 28 Feb 2017 7:01
 Operator : SJ/MA
 Sample : I1989-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 3/1/2017 12:37:54 PM

Quant Time: Feb 28 07:35:55 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	8.08	152	92315	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	478390	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	337931	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	838066	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	816531	20.00	ng	-0.02
86) Perylene-d12	24.85	264	809193	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	551847	104.08	ng	-0.01
7) Phenol-d6	7.23	99	908316	115.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	498740	65.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	482050	154.40	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1557567	80.54	ng	-0.01
78) Terphenyl-d14	20.00	244	2212866	65.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	34868	14.39	ng	# 79
3) Pyridine	3.93	79	89140	12.34	ng	# 78
4) n-Nitrosodimethylamine	3.84	42	56149	21.62	ng	# 41
6) Aniline	7.40	93	285335	26.16	ng	# 90
8) 2-Chlorophenol	7.64	128	208631	33.11	ng	# 86
9) Benzaldehyde	7.21	77	71757	15.43	ng	# 74
10) Phenol	7.26	94	313376	36.75	ng	# 72
11) bis(2-Chloroethyl)ether	7.49	93	188336	26.87	ng	# 86
12) 1,3-Dichlorobenzene	7.97	146	179300	24.61	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	186142	25.22	ng	# 92
14) 1,2-Dichlorobenzene	8.43	146	186918	25.80	ng	# 93
15) Benzyl Alcohol	8.31	79	204581	35.61	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.61	45	246337	24.22	ng	# 88
17) 2-Methylphenol	8.51	107	219500	35.73	ng	# 83
18) Hexachloroethane	9.16	117	60101	24.57	ng	# 88
19) n-Nitroso-di-n-propylamine	8.88	70	184451	32.19	ng	# 79
20) 3+4-Methylphenols	8.83	107	320326	36.60	ng	# 86
22) Acetophenone	8.89	105	350315	30.52	ng	# 79
24) Nitrobenzene	9.27	77	244030	29.77	ng	# 80
25) Isophorone	9.80	82	568156	34.06	ng	# 90
26) 2-Nitrophenol	9.99	139	136900	35.71	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	258130	36.08	ng	# 87
28) bis(2-Chloroethoxy)methane	10.27	93	331252	31.33	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	274470	40.19	ng	# 94
30) 1,2,4-Trichlorobenzene	10.74	180	228373	30.75	ng	# 99
31) Naphthalene	10.93	128	750119	30.33	ng	# 99
32) Benzoic acid	10.14	122	155736	28.51	ng	# 71
33) 4-Chloroaniline	11.03	127	261871	24.38	ng	# 85
34) Hexachlorobutadiene	11.22	225	120934	28.62	ng	# 96
35) Caprolactam	11.78	113	127617m	46.28	ng	# 96
36) 4-Chloro-3-methylphenol	12.14	107	341596	41.81	ng	# 82
37) 2-Methylnaphthalene	12.52	142	660323	35.05	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	297668	35.15	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	302183	65.20	ng	# 94

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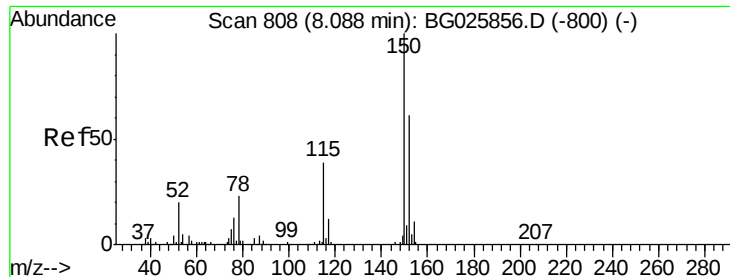
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	253794	46.40	nq	96
43) 2,4,5-Trichlorophenol	13.19	196	276784	44.57	nq	# 93
45) 1,1'-Biphenyl	13.52	154	920677	37.60	nq	99
46) 2-Chloronaphthalene	13.56	162	683820	38.63	nq	97
47) 2-Nitroaniline	13.75	65	241011	42.92	nq	# 70
48) Acenaphthylene	14.40	152	1211115	38.42	nq	99
49) Dimethylphthalate	14.13	163	1441234	62.16	nq	99
50) 2,6-Dinitrotoluene	14.25	165	231343	44.42	nq	# 66
51) Acenaphthene	14.75	154	898061	43.14	nq	99
52) 3-Nitroaniline	14.58	138	221146	37.96	nq	# 70
53) 2,4-Dinitrophenol	14.78	184	254539	93.40	nq	# 84
54) Dibenzofuran	15.07	168	1199615	43.22	nq	91
55) 4-Nitrophenol	14.87	139	425344	89.72	nq	# 46
56) 2,4-Dinitrotoluene	15.03	165	329658	47.05	nq	# 79
57) Fluorene	15.72	166	1010590	40.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	269327	49.16	nq	98
59) Diethylphthalate	15.49	149	1023749	42.69	nq	98
60) 4-Chlorophenyl-phenylether	15.71	204	473122	41.17	nq	90
61) 4-Nitroaniline	15.73	138	270134	44.74	nq	# 52
62) Azobenzene	16.00	77	898860	43.61	nq	85
64) 4,6-Dinitro-2-methylphenol	15.79	198	191961	39.14	nq	90
65) n-Nitrosodiphenylamine	15.92	169	915069	36.00	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	323167	36.79	nq	96
67) Hexachlorobenzene	16.73	284	326537	36.07	nq	94
68) Atrazine	16.86	200	325912	36.23	nq	97
69) Pentachlorophenol	17.06	266	421173	75.42	nq	97
70) Phenanthrene	17.45	178	1602881	35.23	nq	97
71) Anthracene	17.54	178	1660898	35.81	nq	99
72) Carbazole	17.81	167	1520254	32.63	nq	95
73) Di-n-butylphthalate	18.36	149	1763983	38.57	nq	# 94
74) Fluoranthene	19.45	202	1754994	35.04	nq	94
76) Benzidine	19.62	184	401692	15.58	nq	97
77) Pyrene	19.81	202	1765053	34.18	nq	98
79) Butylbenzylphthalate	20.69	149	772869	39.44	nq	88
80) Benzo(a)anthracene	21.64	228	1663836	34.90	nq	97
81) 3,3'-Dichlorobenzidine	21.55	252	513036	30.19	nq	# 98
82) Chrysene	21.70	228	1525949	33.29	nq	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1093020	38.63	nq	98
84) Di-n-octyl phthalate	22.74	149	1890726	40.46	nq	# 84
85) Indeno(1,2,3-cd)pyrene	28.50	276	2000490	37.05	nq	# 94
87) Benzo(b)fluoranthene	23.84	252	1739352	35.89	nq	# 96
88) Benzo(k)fluoranthene	23.91	252	1628451	34.44	nq	# 93
89) Benzo(a)pyrene	24.70	252	1650979	35.98	nq	# 94
90) Dibenzo(a,h)anthracene	28.56	278	1637350	35.52	nq	# 93
91) Benzo(g,h,i)perylene	29.64	276	1649696	35.69	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

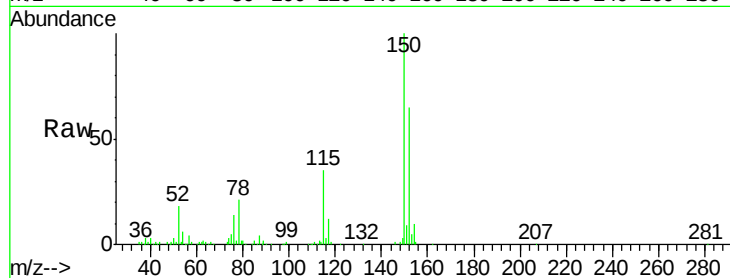
ClientSampleId :

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

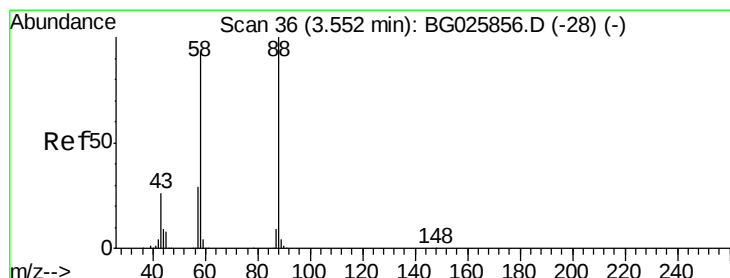
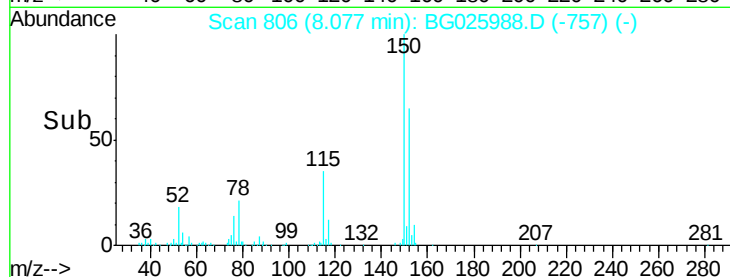
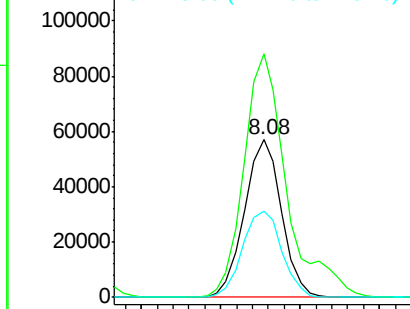
Tot Ion:	152	Resp:	92315
Ion Ratio	Lower	Upper	
152	100		
150	154.6	114.0	171.0
115	54.8	48.1	72.1

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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: 14.39 ng

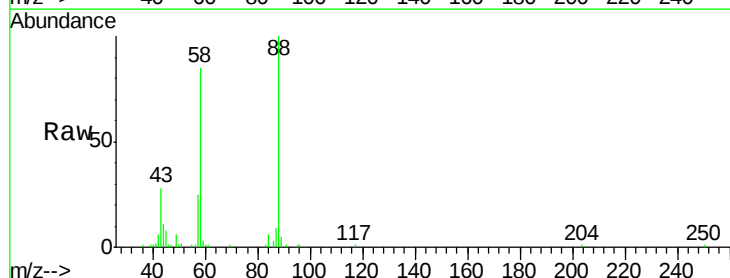
RT: 3.54 min Scan# 33

Delta R.T. -0.02 min

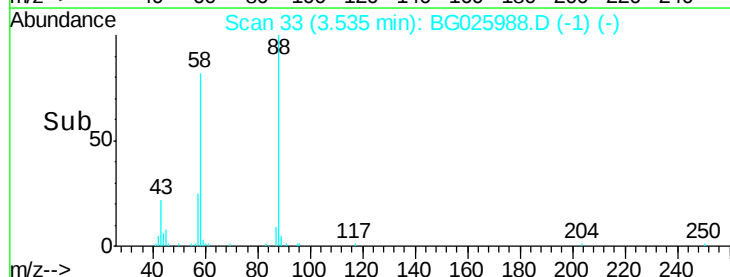
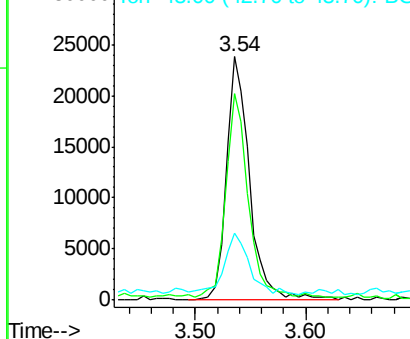
Lab File: BG025988.D

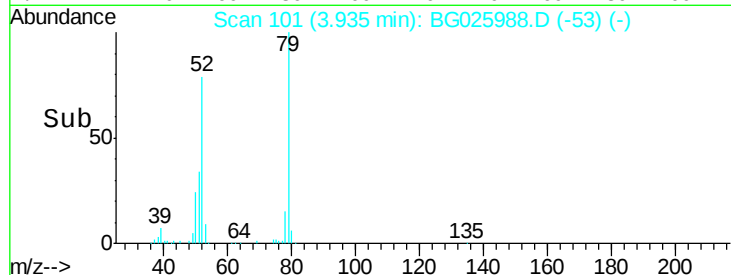
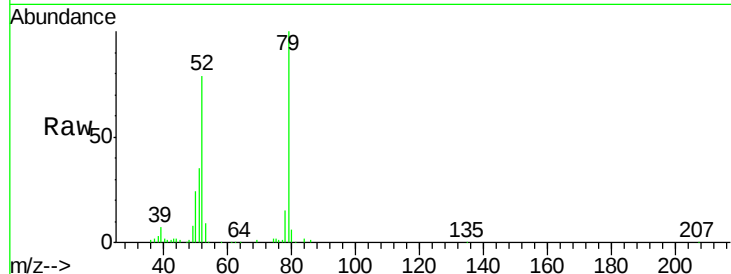
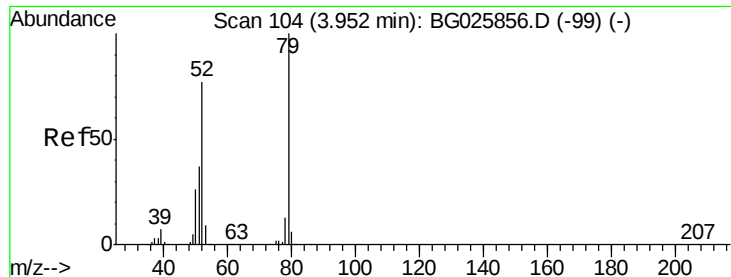
Acq: 28 Feb 2017 7:01

Tgt Ion:	88	Resp:	34868
Ion Ratio	Lower	Upper	
88	100		
58	79.3	79.4	119.2#
43	28.2	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





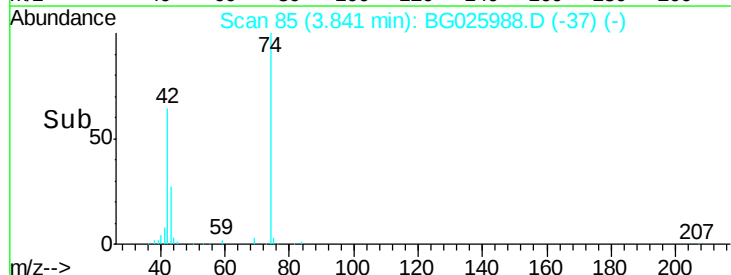
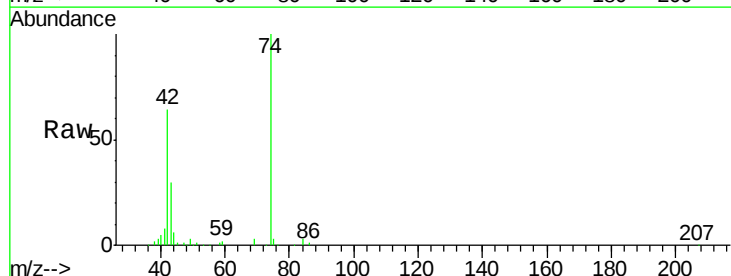
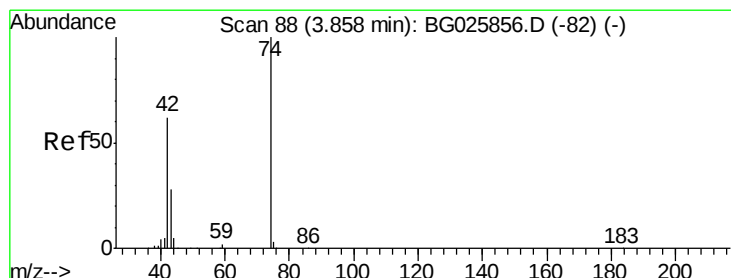
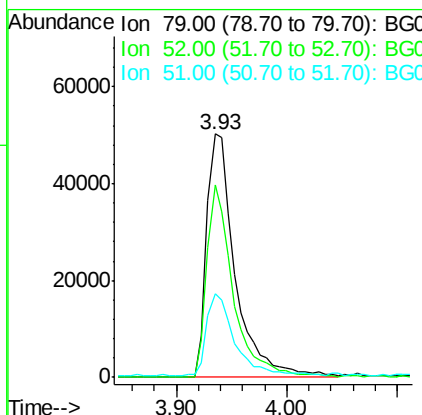
#3
 Pvridine
 Concen: 12.34 ng
 RT: 3.93 min Scan# 101
 Delta R.T. -0.02 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	77.8	116.6
51	34.5	43.2	64.8

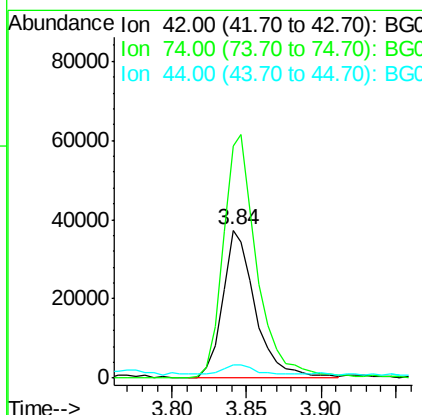
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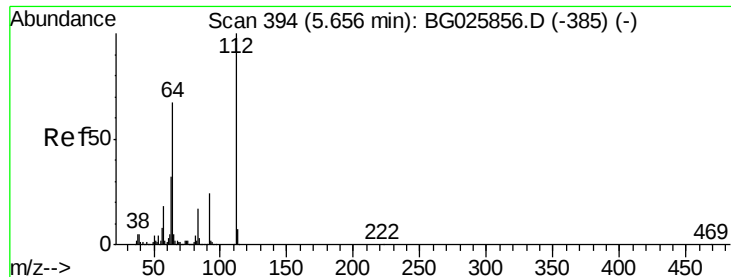
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#4
 n-Nitrosodimethylamine
 Concen: 21.62 ng
 RT: 3.84 min Scan# 85
 Delta R.T. -0.02 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.3	76.7	115.1
44	8.9	6.1	9.1





#5

2-Fluorophenol

Concen: 104.08 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

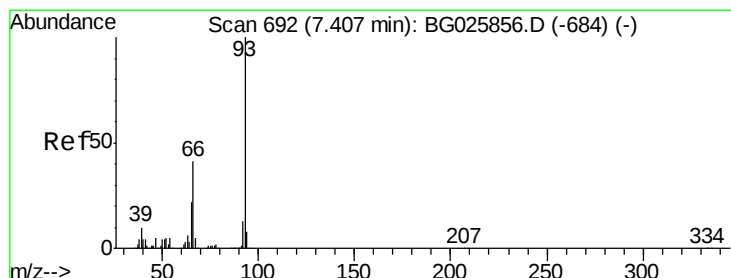
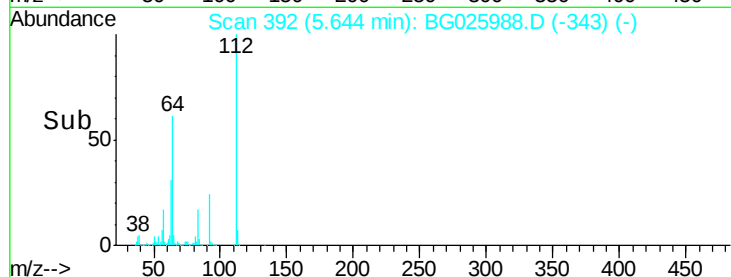
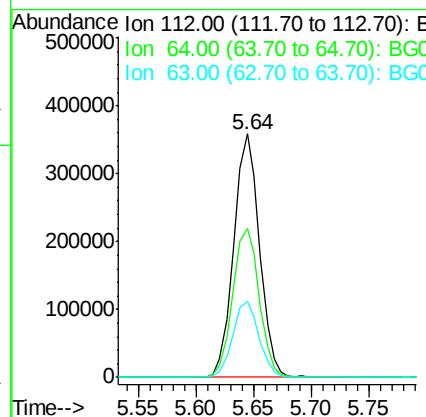
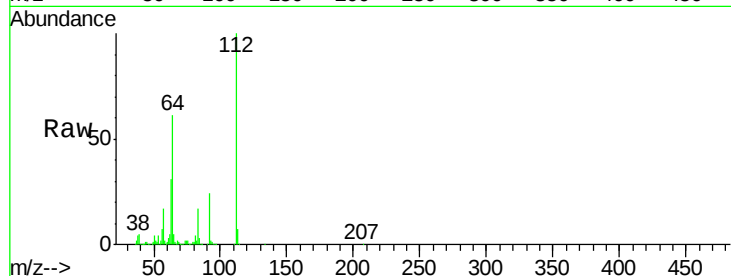
ClientSampleId :

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

Tot Ion:	112	Resp:	551847
Ion Ratio	Lower	Upper	
112	100		
64	61.0	61.8	92.6#
63	31.3	37.2	55.8#

Manual Integrations
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#6

Aniline

Concen: 26.16 ng

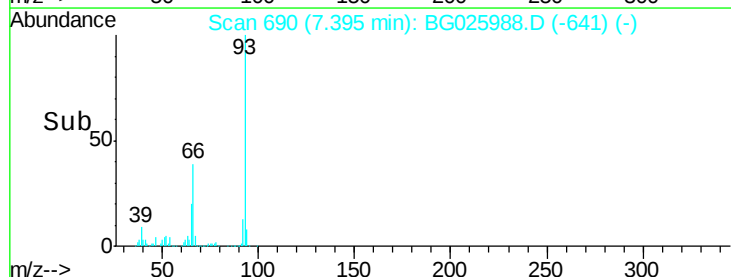
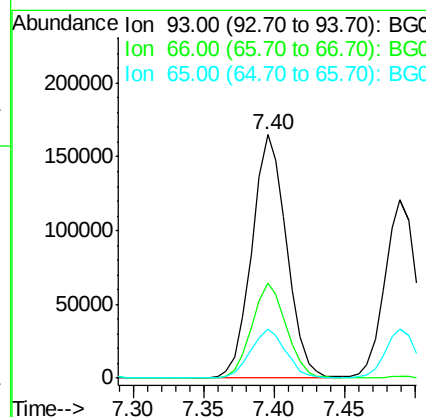
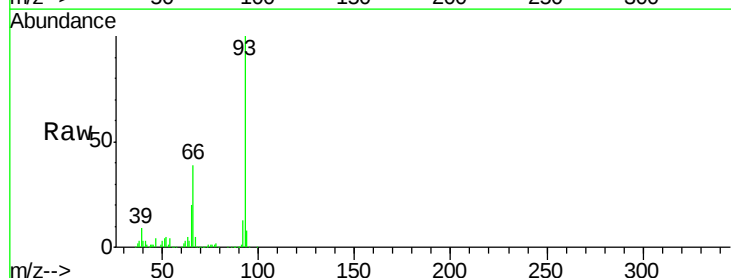
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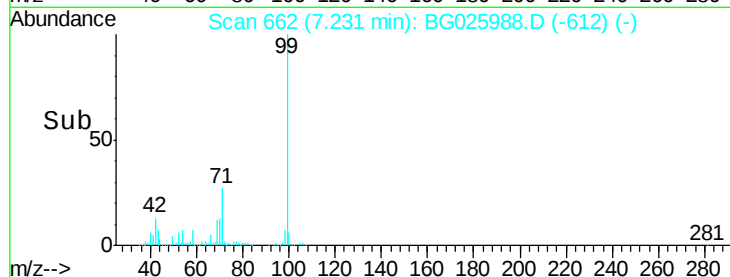
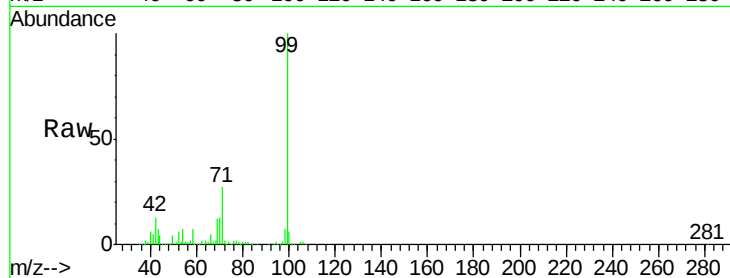
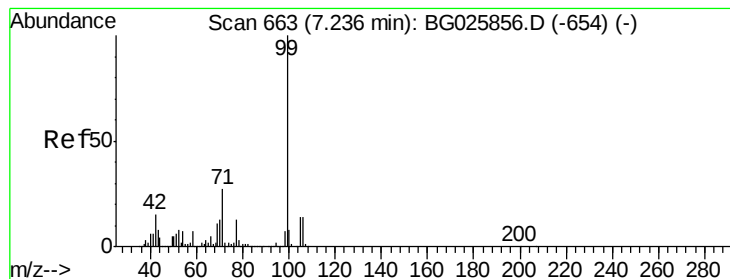
Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:	93	Resp:	285335
Ion Ratio	Lower	Upper	
93	100		
66	39.0	35.4	53.2
65	20.3	21.2	31.8#





#7

Phenol-d6

Concen: 115.76 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tot Ion:	99	Resp:	908316
Ion Ratio	Lower	Upper	
99	100		
42	13.0	20.5	30.7#
71	26.8	37.6	56.4#

Instrument :

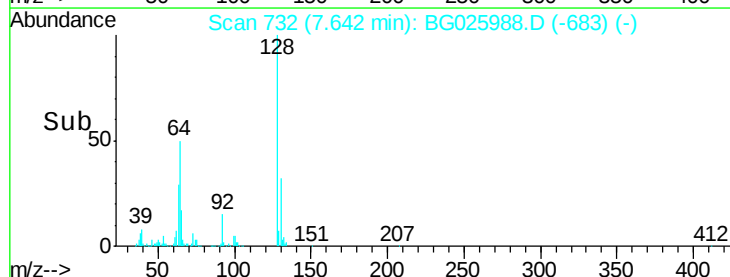
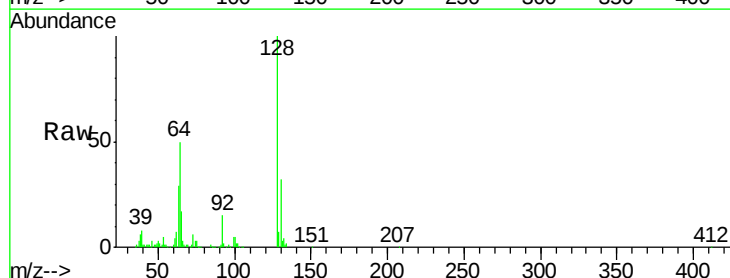
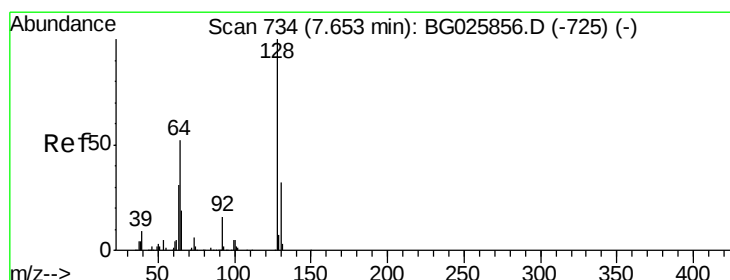
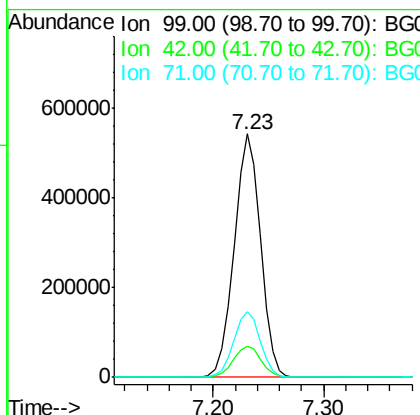
BNA_G

ClientSampleId :

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

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#8

2-Chlorophenol

Concen: 33.11 ng

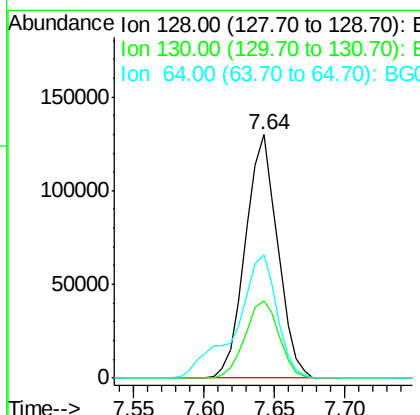
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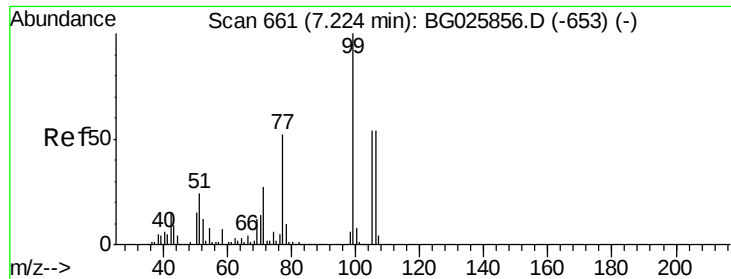
Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:	128	Resp:	208631
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.4	51.4
64	50.5	46.6	86.6





#9

Benzaldehyde

Concen: 15.43 ng

RT: 7.21 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

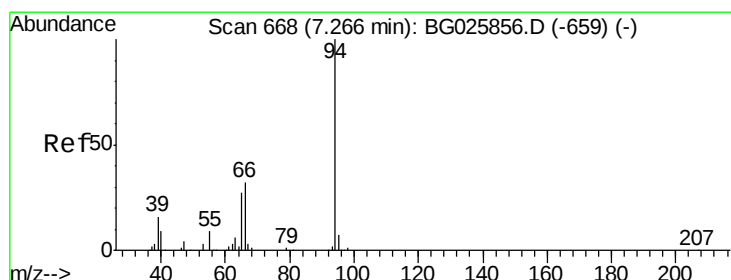
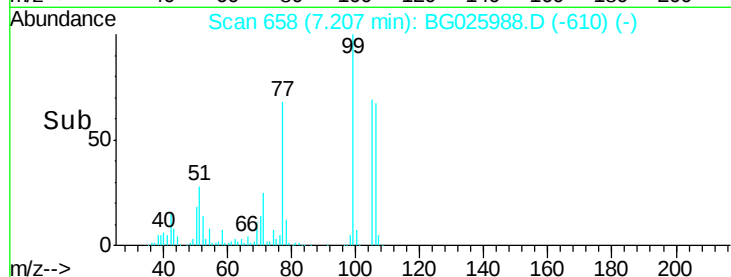
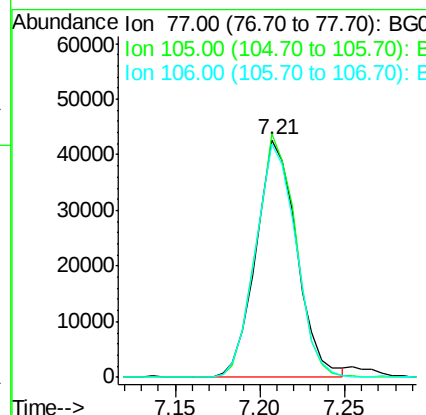
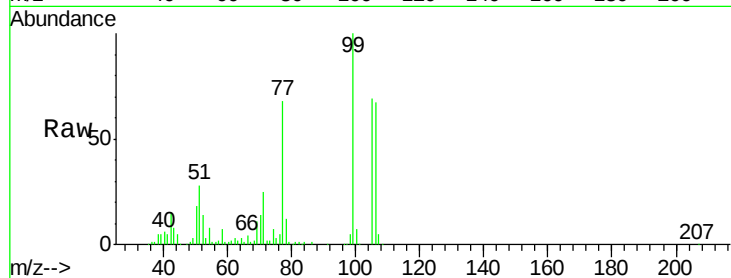
ClientSampleId :

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	77	100			
105	105	102.5	60.9	100.9	#
106	106	98.5	55.1	95.1	#

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#10

Phenol

Concen: 36.75 ng

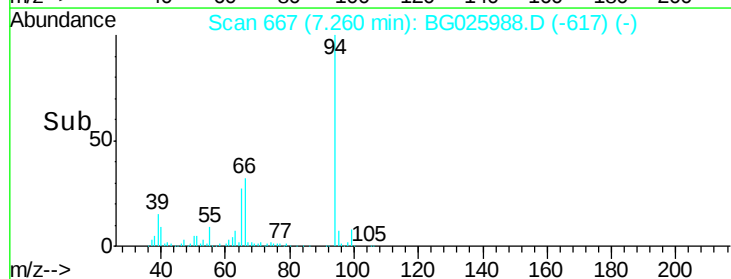
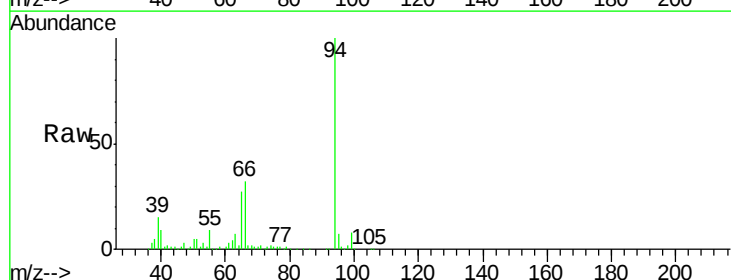
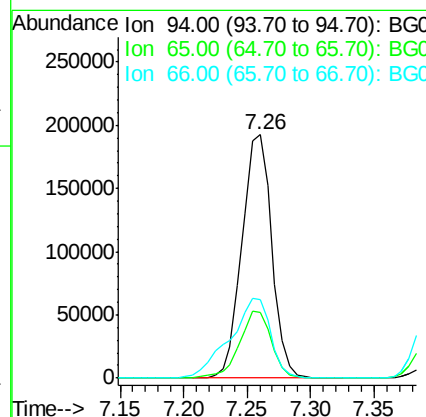
RT: 7.26 min Scan# 667

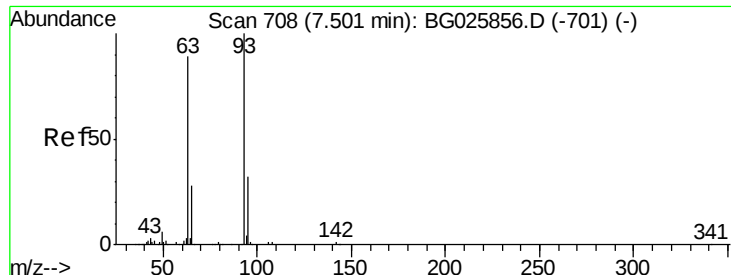
Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	94	100			
65	65	27.2	20.6	60.6	
66	66	32.2	35.5	75.5	#





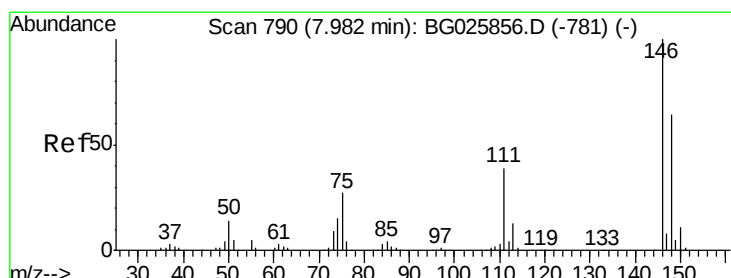
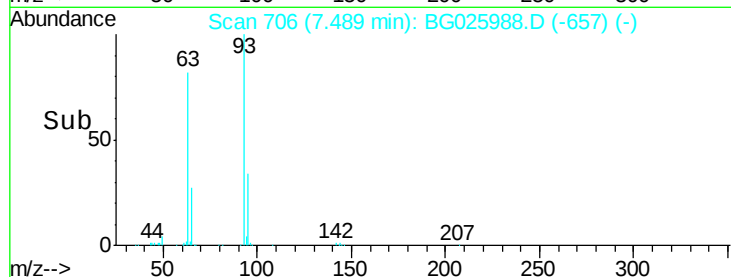
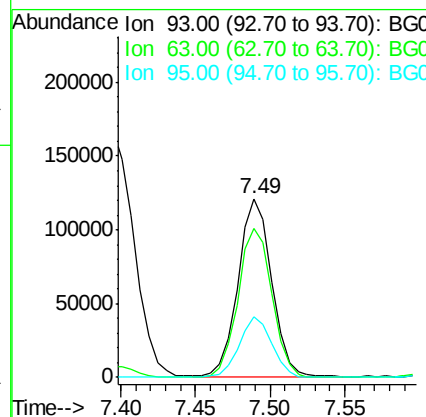
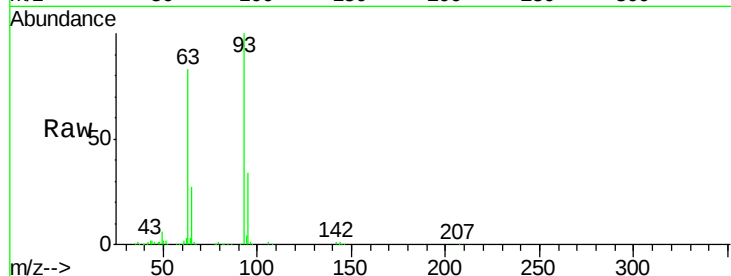
#11
bis(2-Chloroethyl)ether
Concen: 26.87 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	188336		
63	83.2	78.5	118.5	
95	33.6	9.8	49.8	

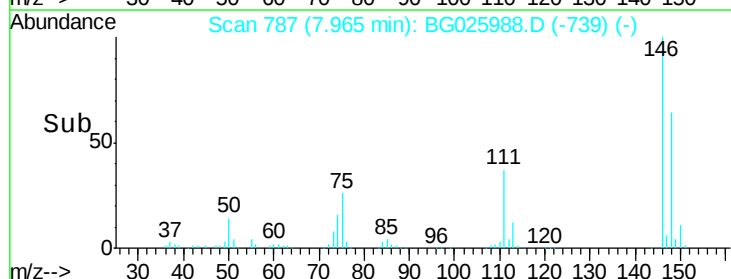
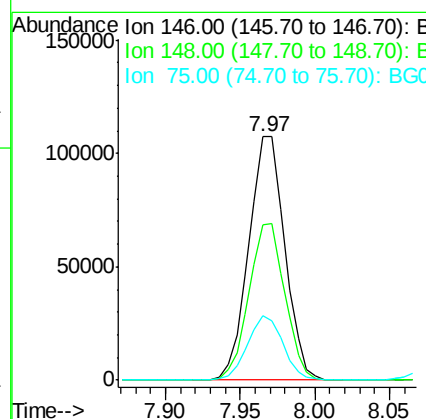
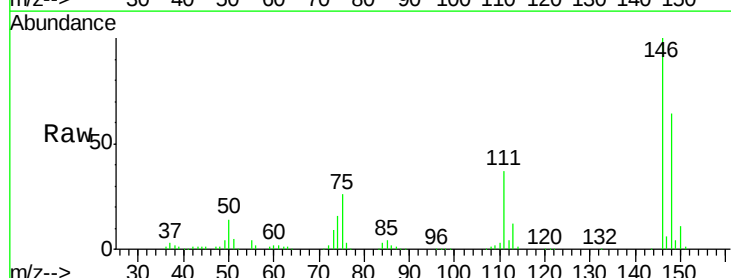
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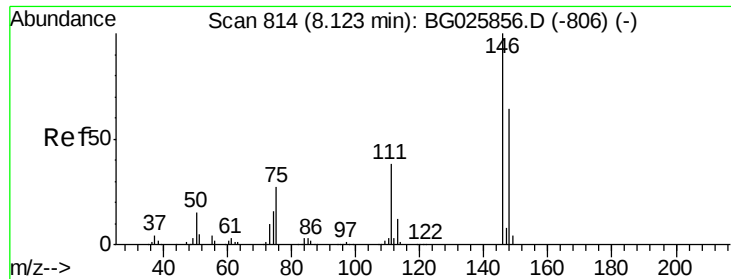
mohammad
3/1/2017 12:37:54 PM



#12
1,3-Dichlorobenzene
Concen: 24.61 ng
RT: 7.97 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	179300		
148	63.9	49.2	73.8	
75	26.4	33.4	50.2	





#13

1,4-Dichlorobenzene

Concen: 25.22 ng

RT: 8.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

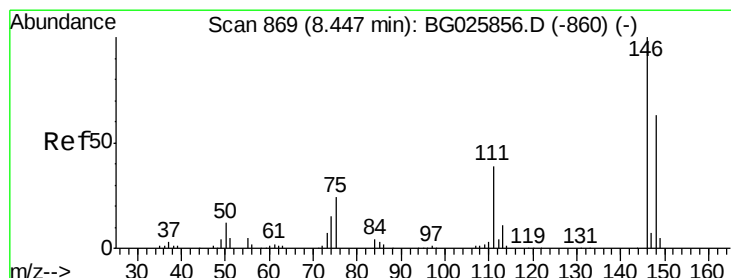
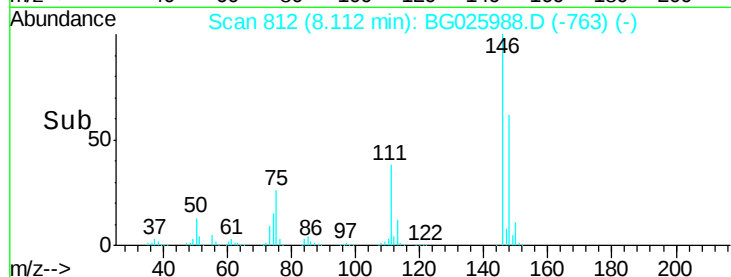
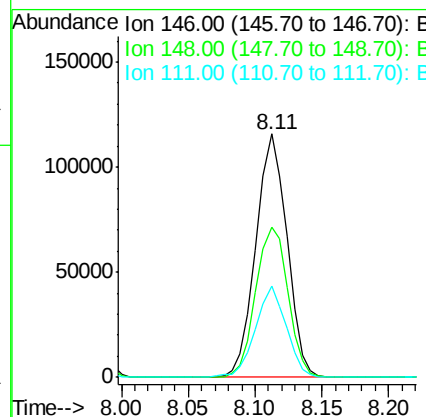
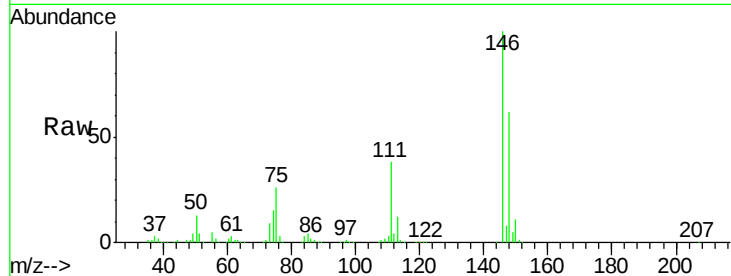
ClientSampleId :

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

Tot Ion:	146	Resp:	186142
Ion Ratio	Lower	Upper	
146	100		
148	61.5	52.2	78.2
111	37.7	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 25.80 ng

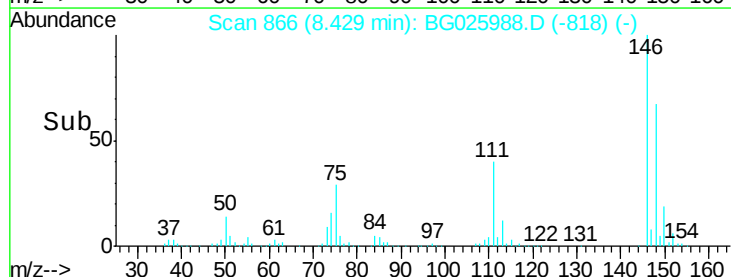
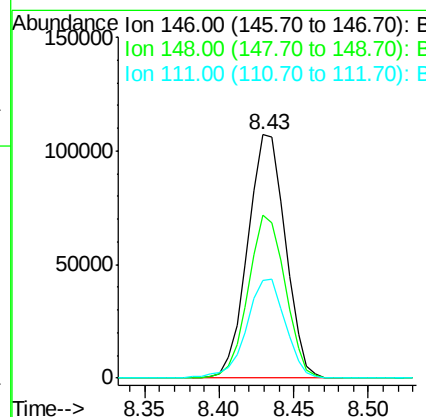
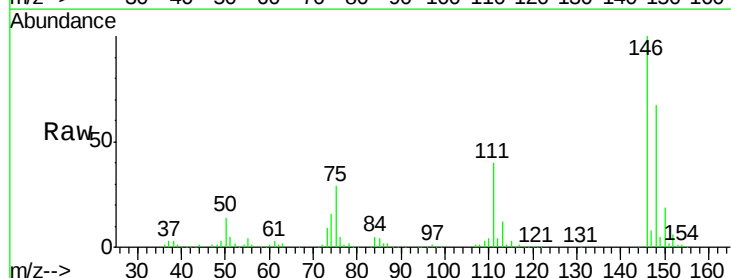
RT: 8.43 min Scan# 866

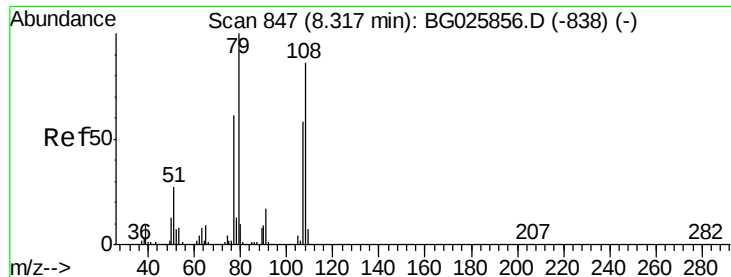
Delta R.T. -0.02 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:	146	Resp:	186918
Ion Ratio	Lower	Upper	
146	100		
148	66.8	54.6	81.8
111	39.9	39.7	59.5





#15

Benzyl Alcohol

Concen: 35.61 ng

RT: 8.31 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

ClientSampleId :

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

Tot Ion: 79 Resp: 204581

Ion Ratio Lower Upper

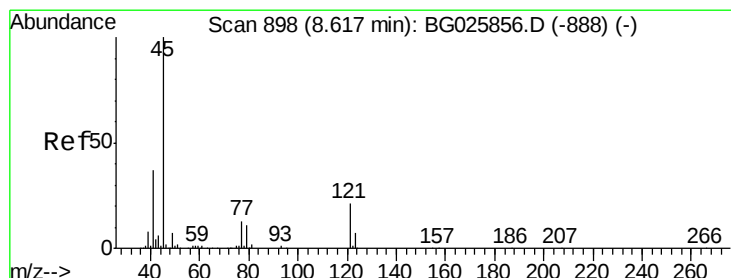
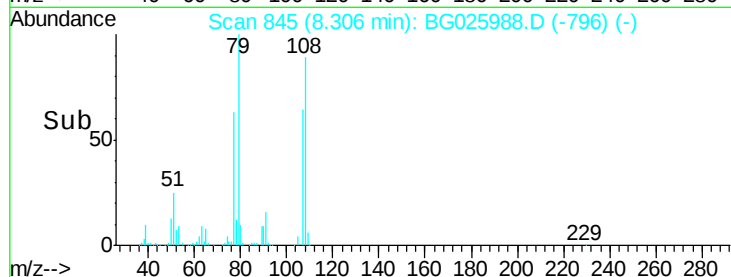
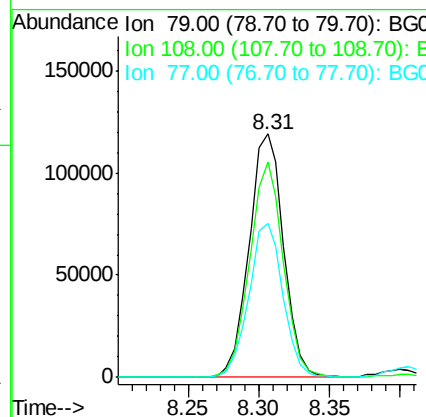
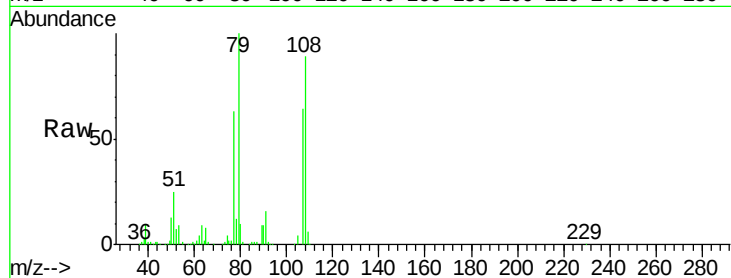
79 100

108 88.8 45.5 68.3#

77 63.2 54.3 81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.22 ng

RT: 8.61 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

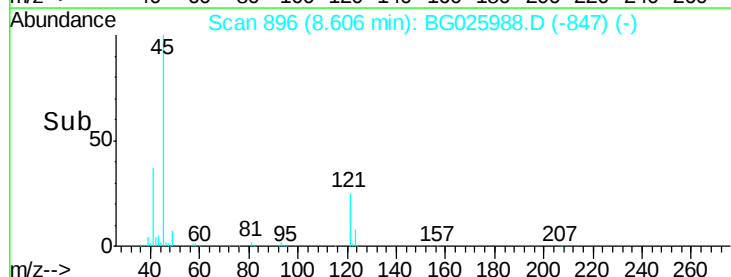
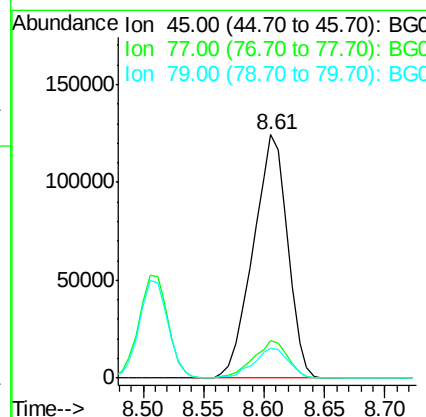
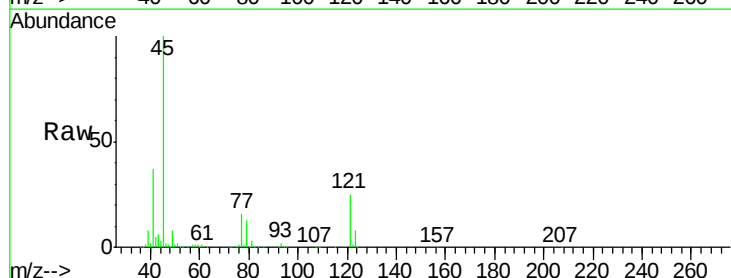
Tgt Ion: 45 Resp: 246337

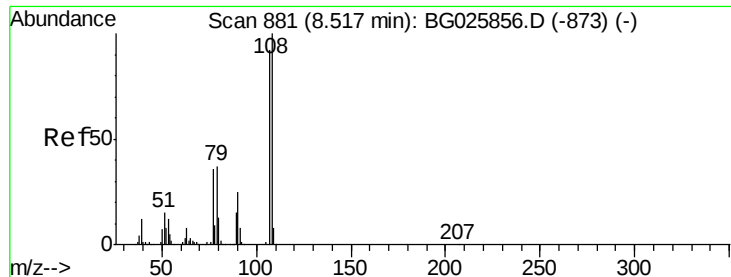
Ion Ratio Lower Upper

45 100

77 15.7 0.0 30.6

79 12.5 0.0 28.5





#17

2-Methylphenol

Concen: 35.73 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

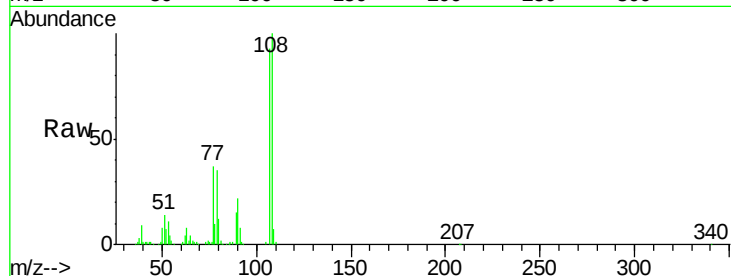
ClientSampleId :

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

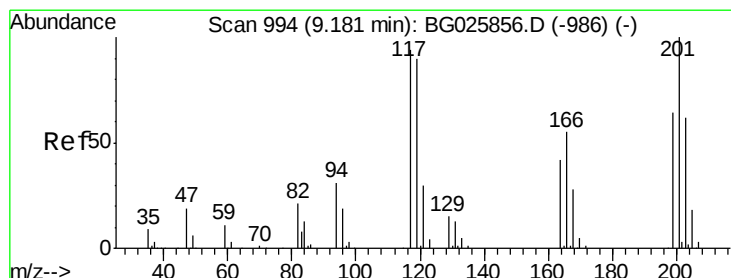
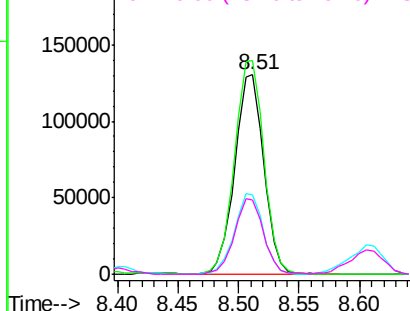
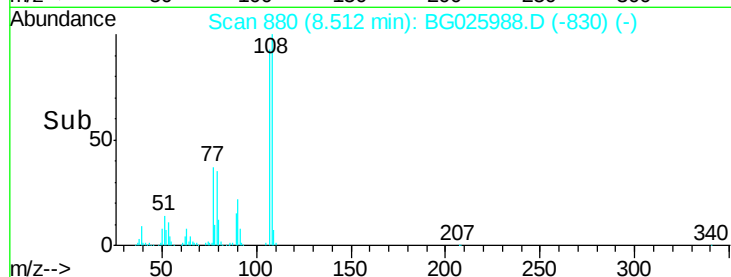
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.0	85.6	128.4	
77	39.8	51.4	77.2#	
79	37.4	49.2	73.8#	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 24.57 ng

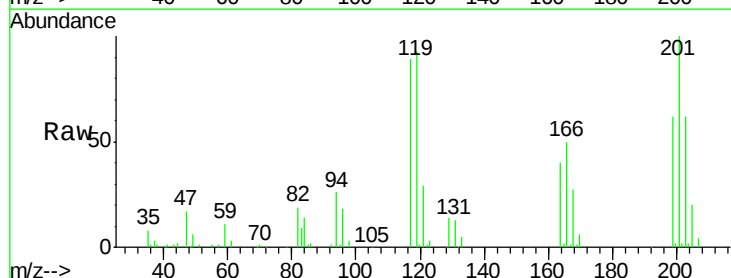
RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

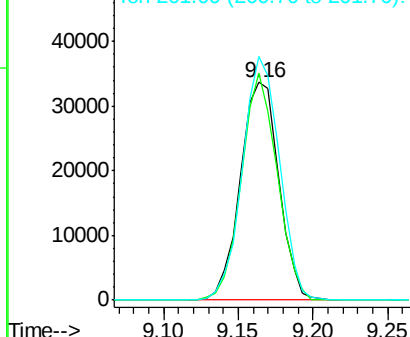
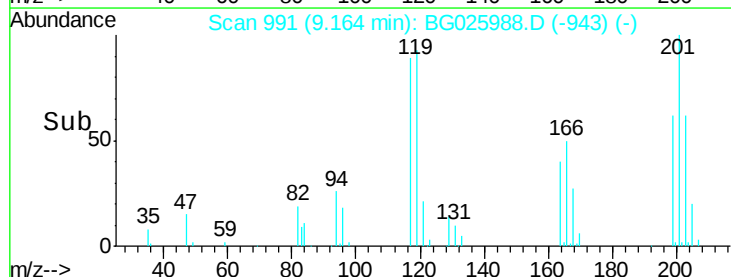
Lab File: BG025988.D

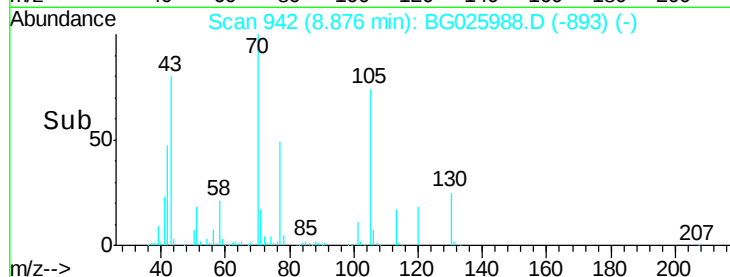
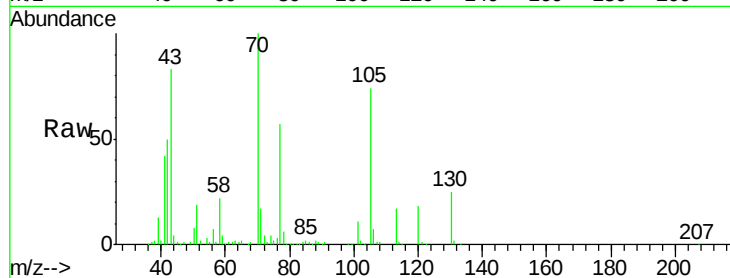
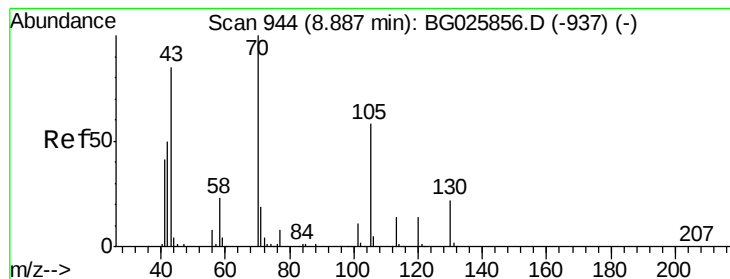
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.2	69.8	104.6	
201	111.9	95.4	143.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.19 ng

RT: 8.88 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

ClientSampleId :

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

Tot Ion: 70 Resp: 184451

Ion Ratio Lower Upper

70 100

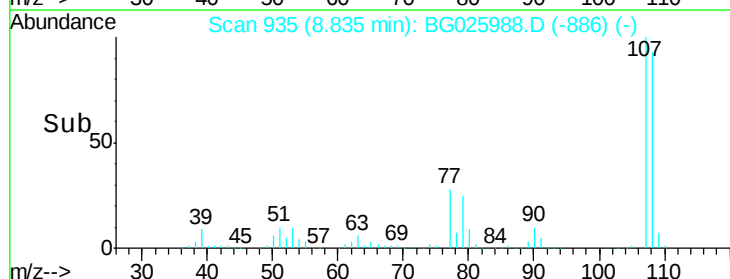
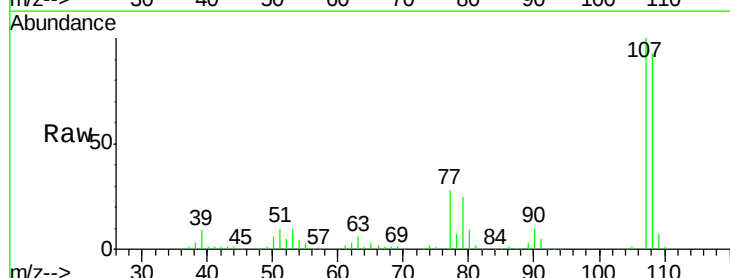
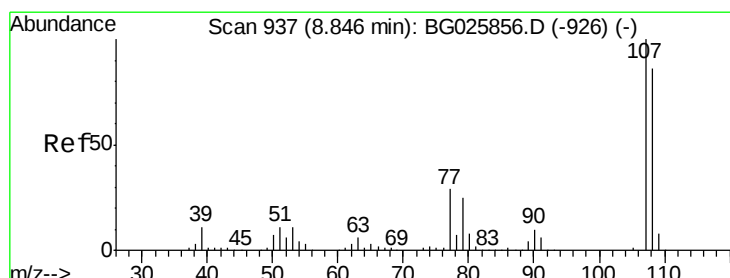
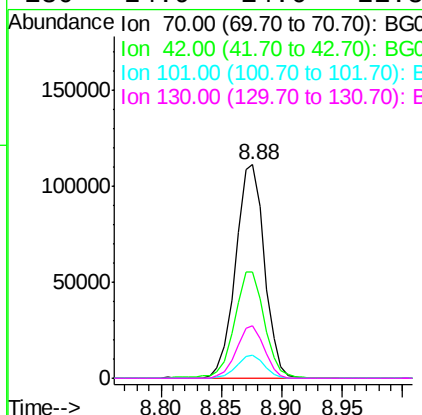
42 49.6 56.1 84.1#

101 10.8 7.5 11.3

130 24.9 14.6 21.8#

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#20

3+4-Methylphenols

Concen: 36.60 ng

RT: 8.83 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion: 107 Resp: 320326

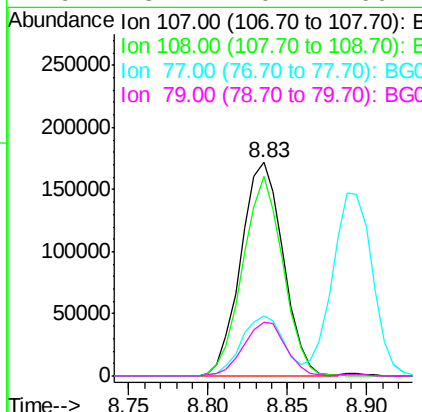
Ion Ratio Lower Upper

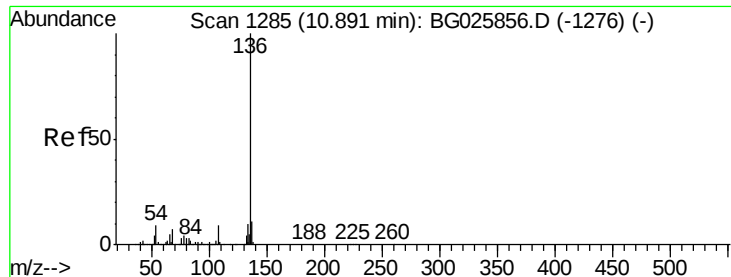
107 100

108 93.4 70.8 110.8

77 28.3 25.8 65.8

79 25.1 20.1 60.1





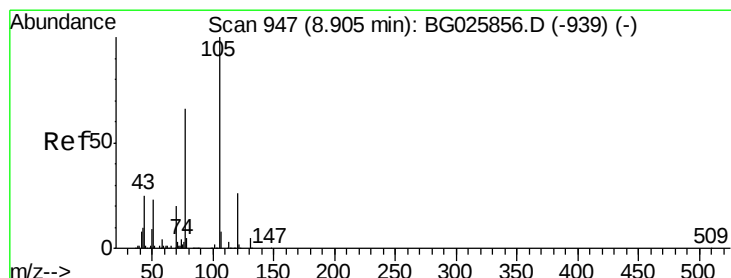
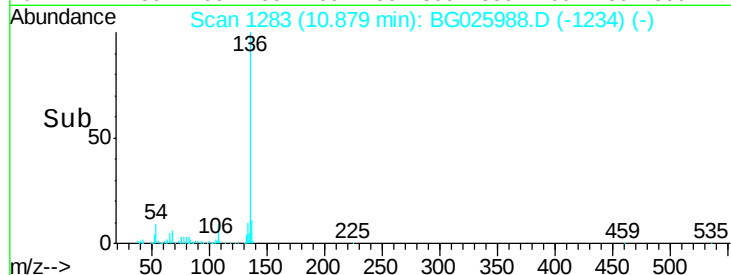
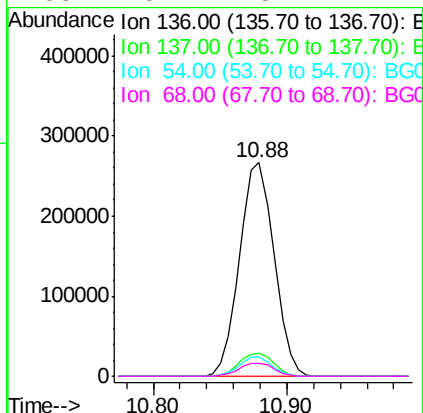
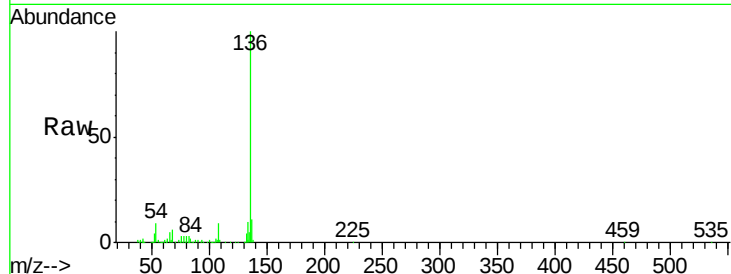
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.8	9.3	13.9	
68	6.2	5.1	7.7	

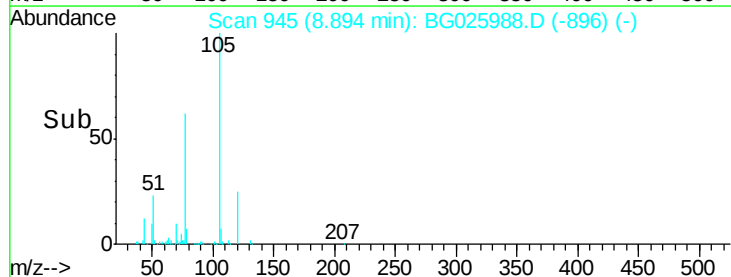
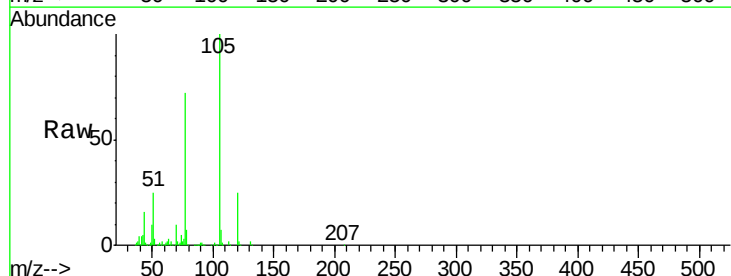
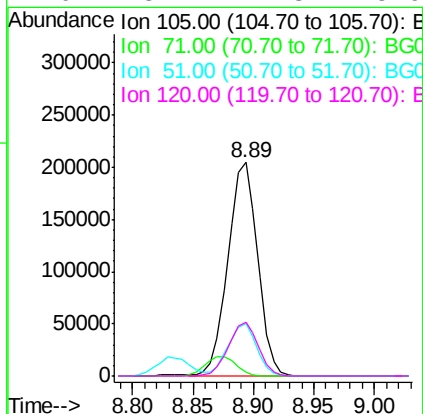
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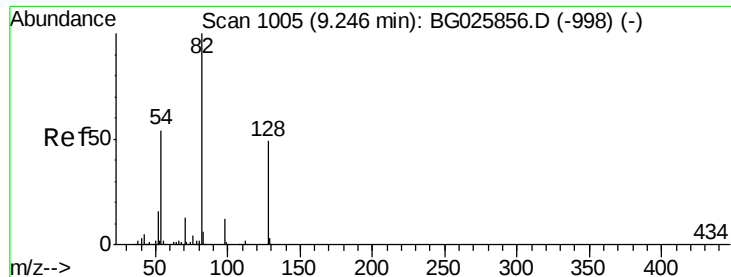
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#22
Acetophenone
Concen: 30.52 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	0.9	1.3	
51	24.7	34.0	51.0	
120	25.1	17.3	25.9	





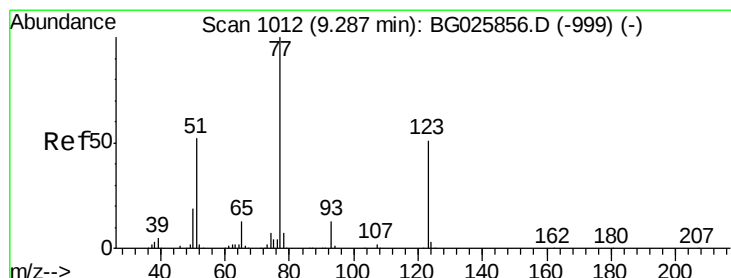
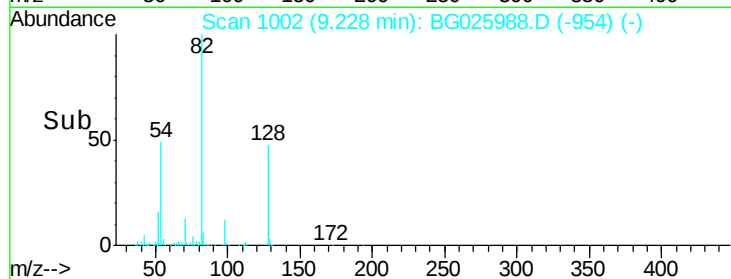
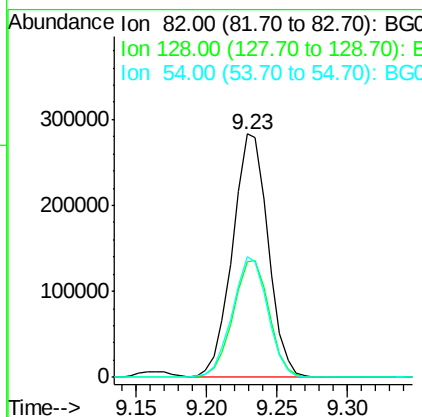
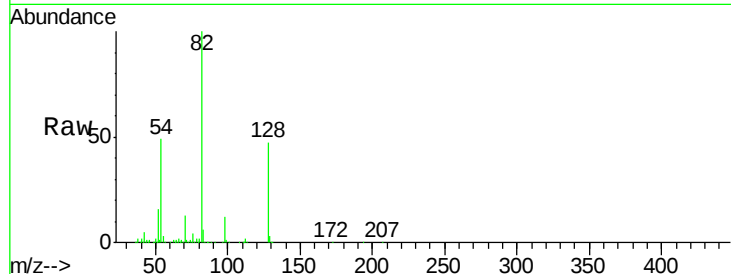
#23
Nitrobenzene-d5
Concen: 65.79 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	26.4	39.6#
54	49.4	49.4	74.2#

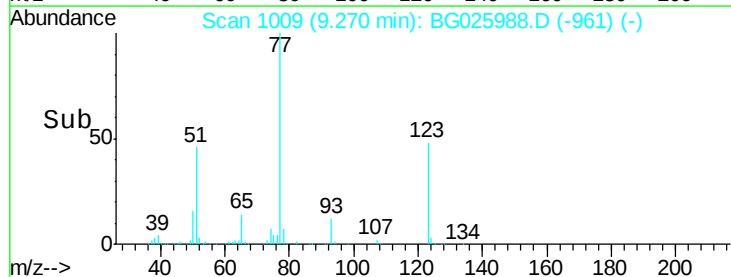
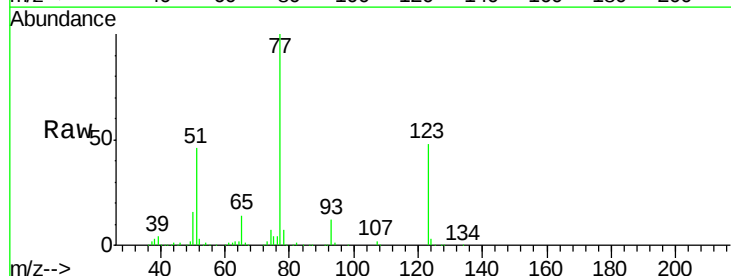
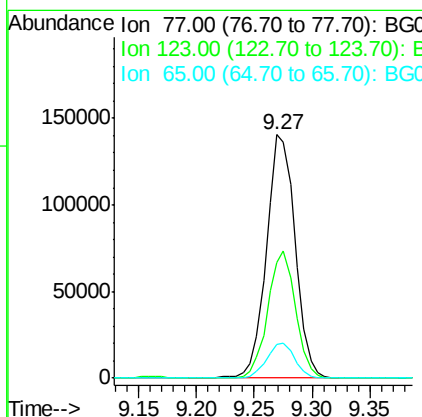
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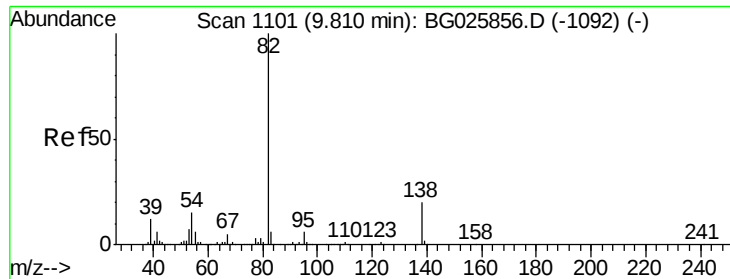
mohammad
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#24
Nitrobenzene
Concen: 29.77 ng
RT: 9.27 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	26.1	39.1#
65	13.7	12.4	18.6





#25

Isophorone

Concen: 34.06 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

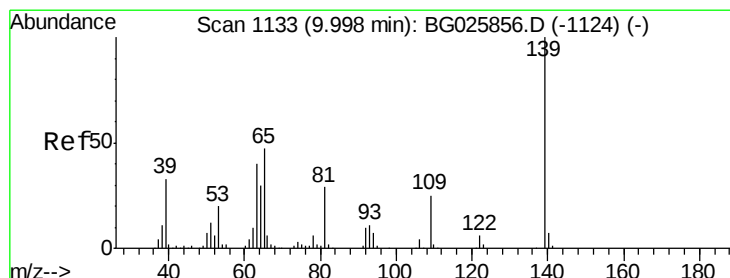
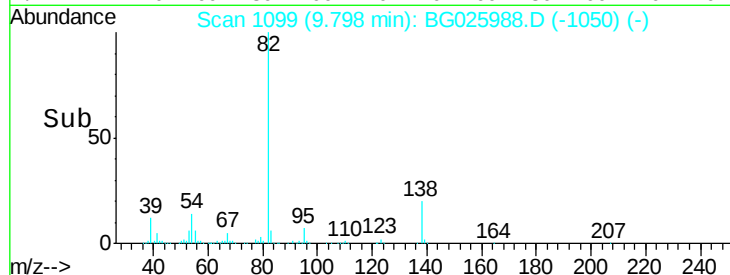
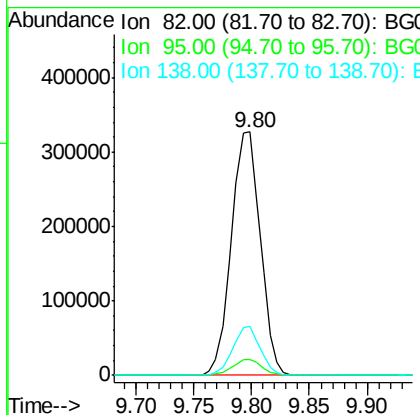
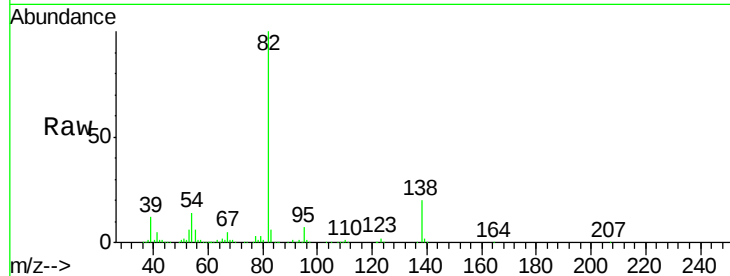
ClientSampleId :

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

Tot Ion:	82	Resp:	568156
Ion Ratio		Lower	Upper
82	100		
95	6.7	7.5	11.3#
138	20.2	12.3	18.5#

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#26

2-Nitrophenol

Concen: 35.71 ng

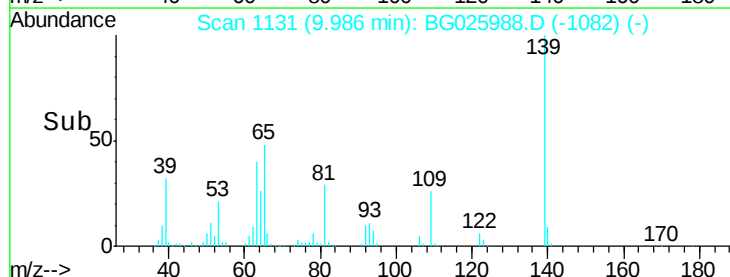
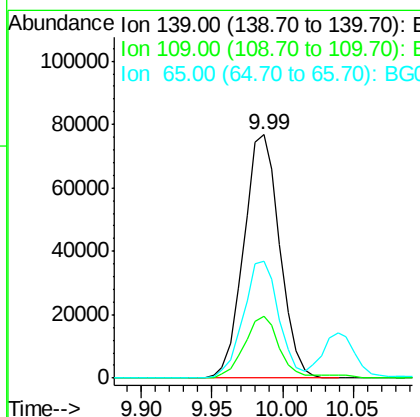
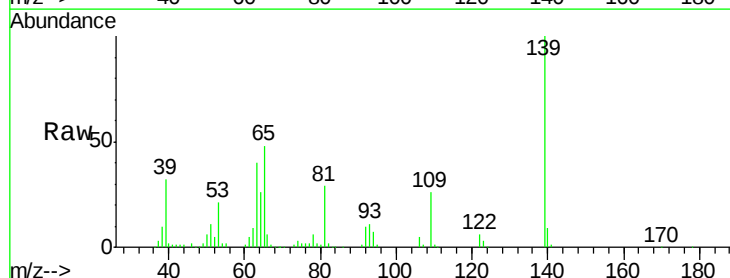
RT: 9.99 min Scan# 1131

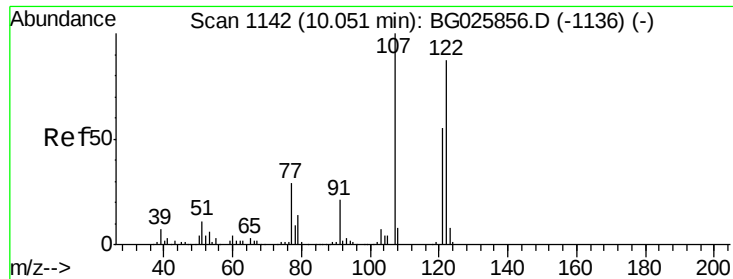
Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:	139	Resp:	136900
Ion Ratio		Lower	Upper
139	100		
109	25.6	38.6	58.0#
65	47.8	57.1	85.7#





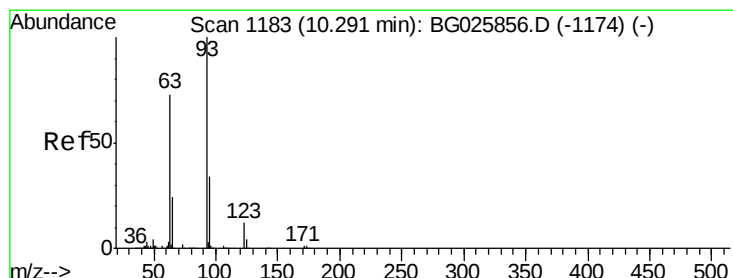
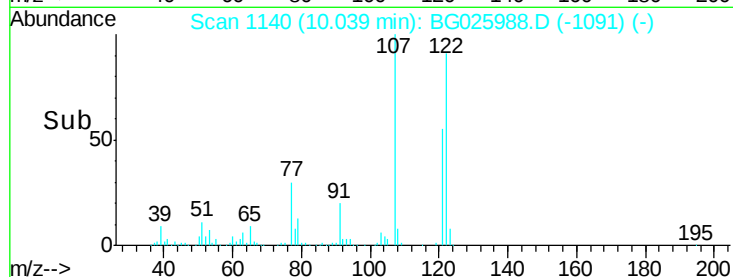
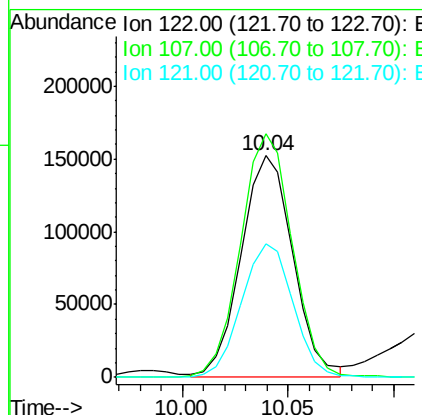
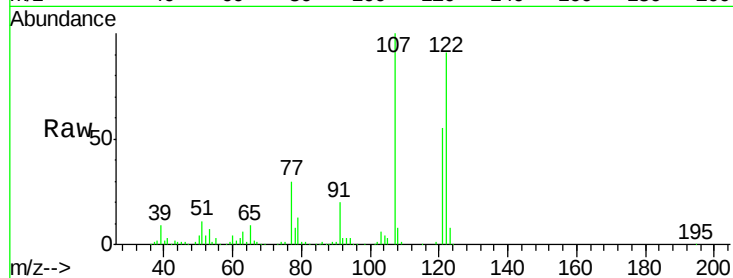
#27
 2,4-Dimethylphenol
 Concen: 36.08 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		258130		
107	109.8	104.2	156.4		
121	60.3	46.0	69.0		

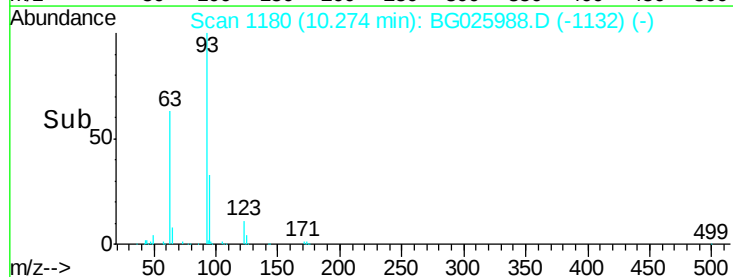
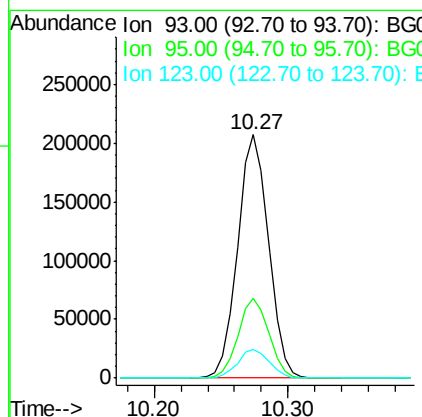
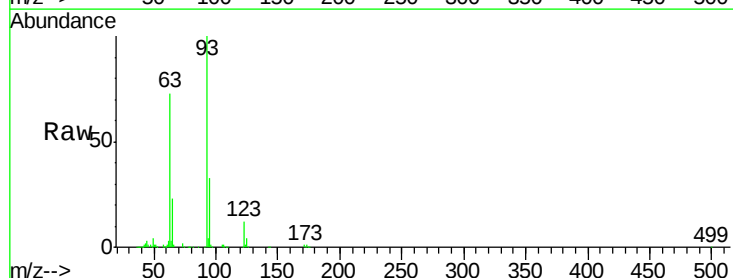
Manual Integrations
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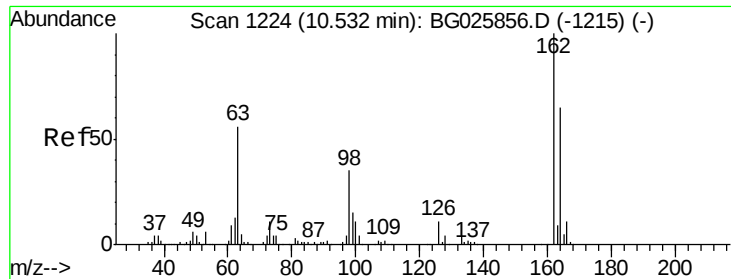
mohammad
 3/1/2017 12:37:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.33 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		331252		
95	32.6	25.7	38.5		
123	11.8	8.3	12.5		





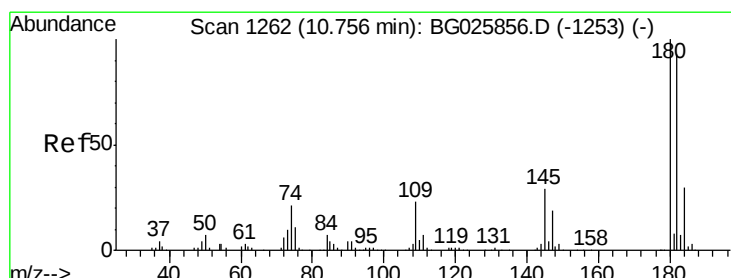
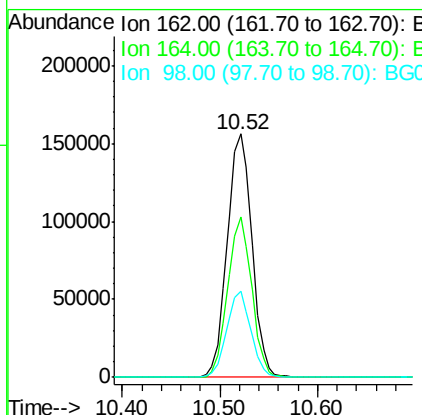
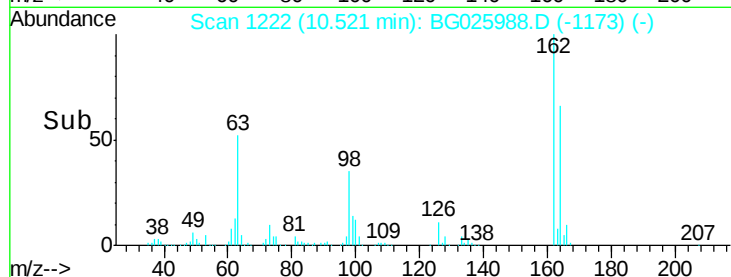
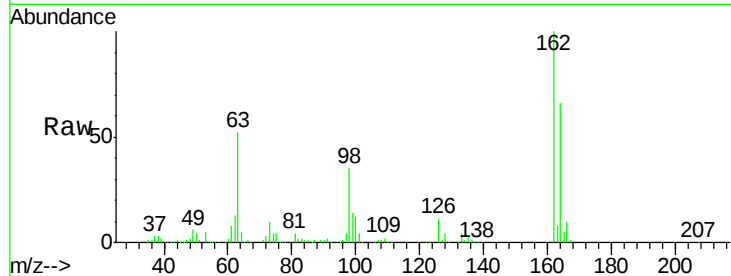
#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	274470		
164	66.0	42.4	82.4	
98	35.2	20.3	60.3	

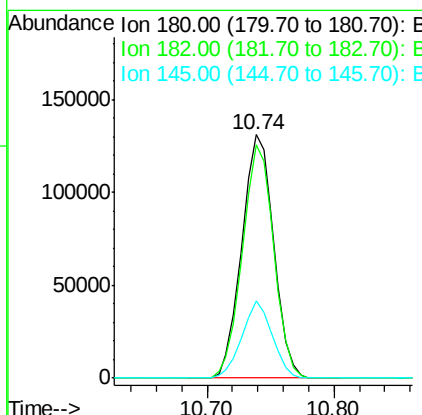
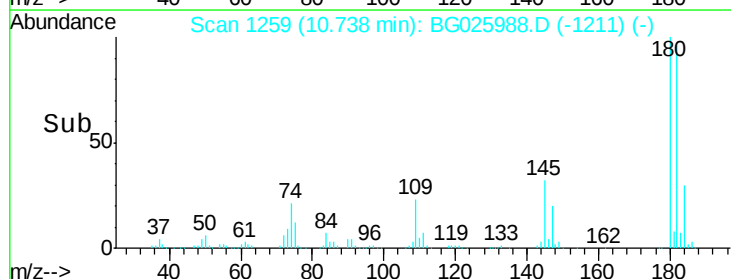
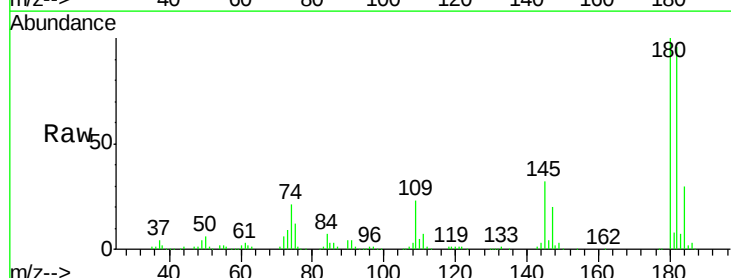
Manual Integrations
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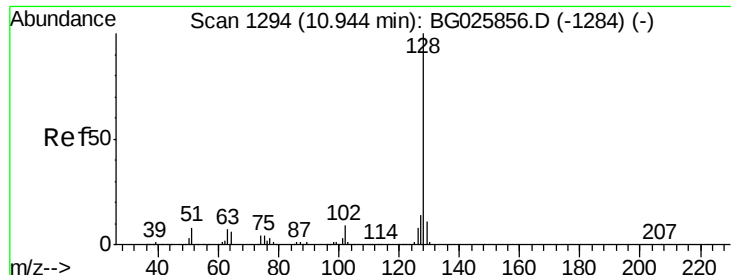
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 30.75 ng
RT: 10.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	228373		
182	95.6	77.0	115.4	
145	31.5	23.4	35.0	





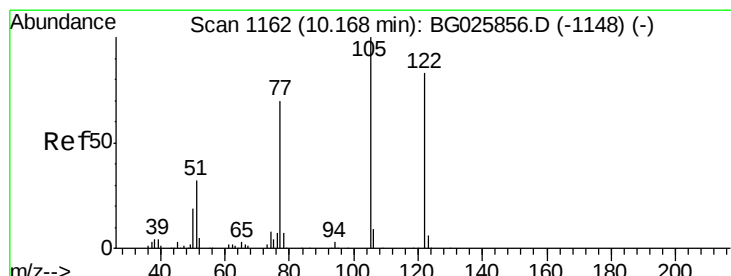
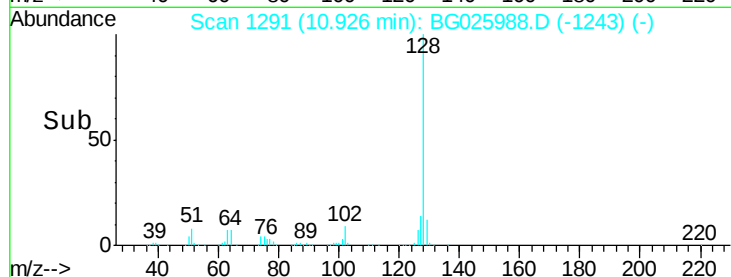
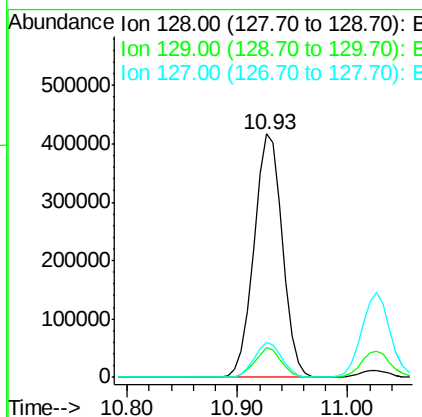
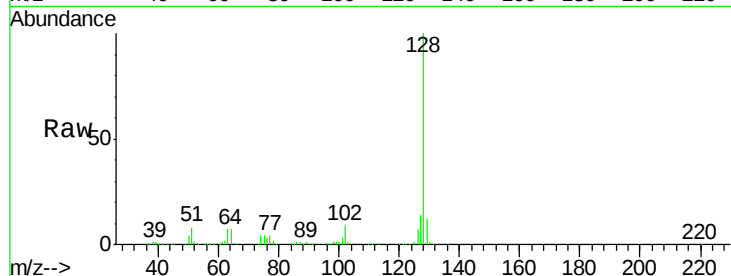
#31
Naphthalene
Concen: 30.33 ng
RT: 10.93 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	750119		
129	12.3		9.3	13.9
127	14.5		11.4	17.0

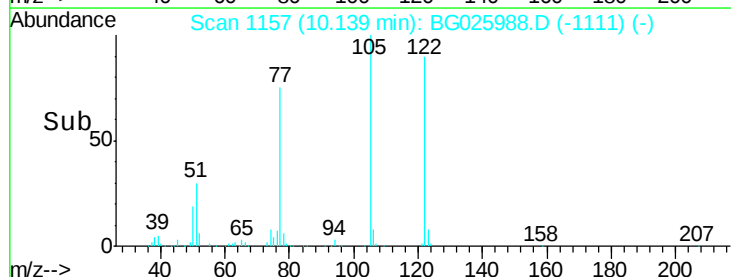
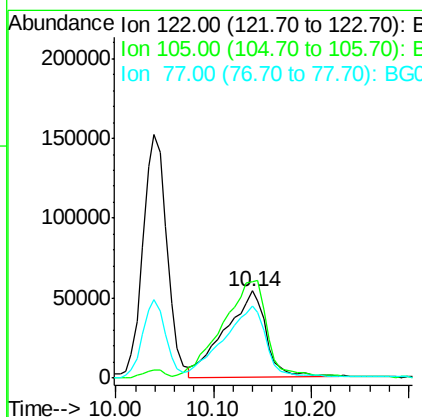
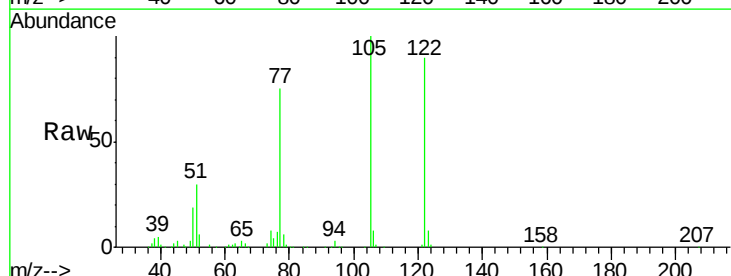
Manual Integrations
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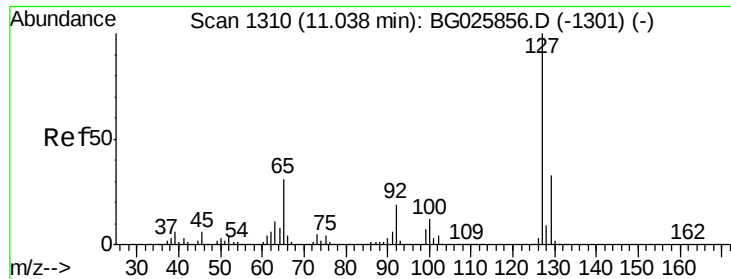
mohammad
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#32
Benzoic acid
Concen: 28.51 ng
RT: 10.14 min Scan# 1157
Delta R.T. -0.03 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	155736		
105	111.6		120.1	160.1#
77	83.7		104.6	144.6#





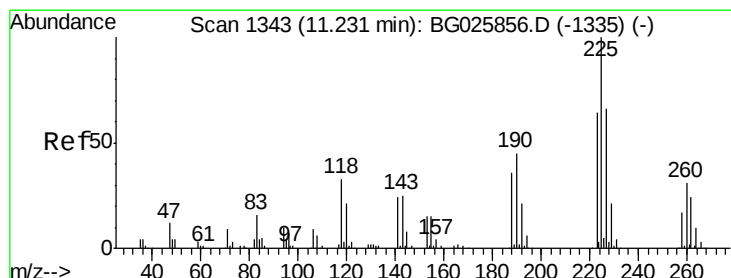
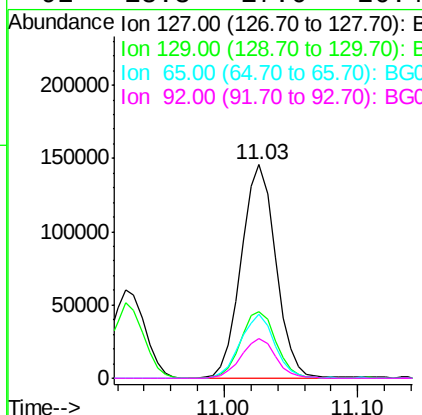
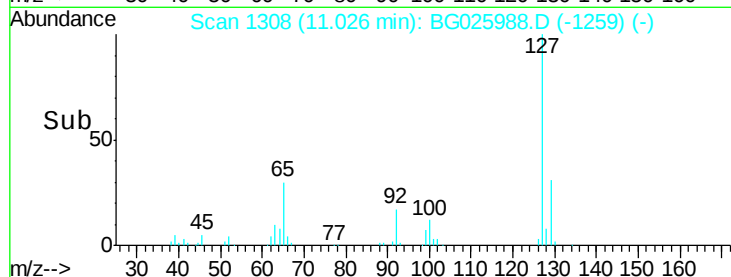
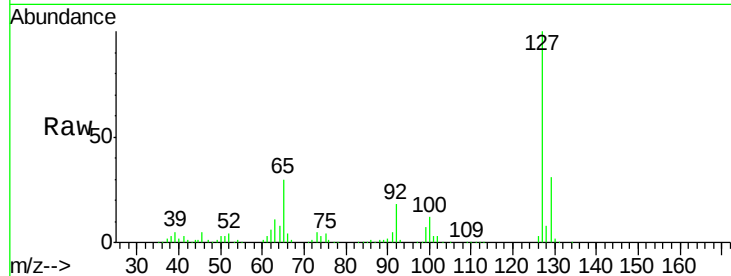
#33
4-Chloroaniline
Concen: 24.38 ng
RT: 11.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	23.6	35.4		
65	30.2	37.7	56.5		
92	18.3	17.6	26.4		

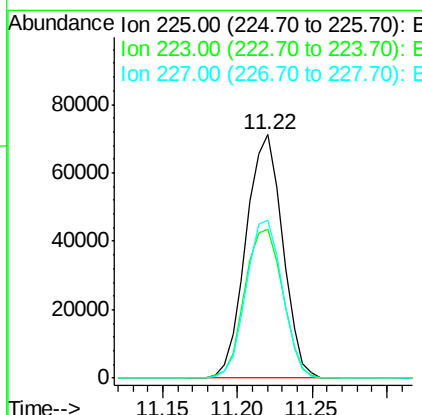
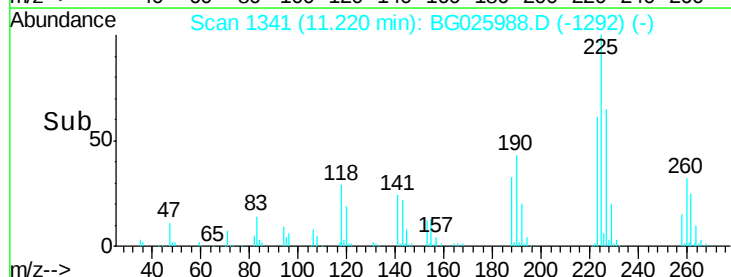
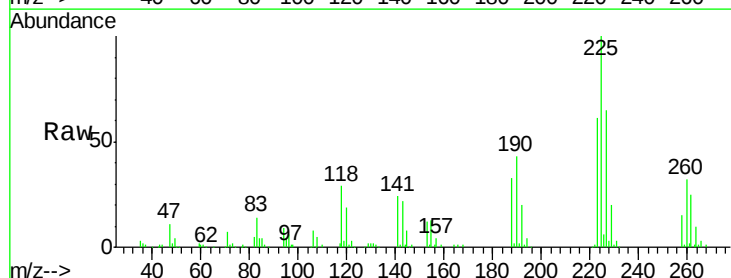
Manual Integrations
APPROVED

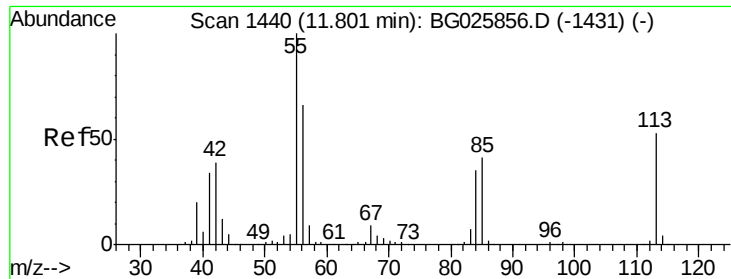
mohammad
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#34
Hexachlorobutadiene
Concen: 28.62 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	50.7	76.1		
227	64.9	49.0	73.6		





#35

Caprolactam

Concen: 46.28 ng/ml

RT: 11.78 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

ClientSampleId :

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

Tot Ion:113 Resp: 127617
Ion Ratio Lower Upper

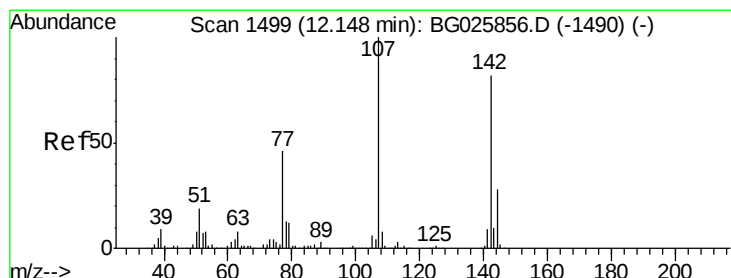
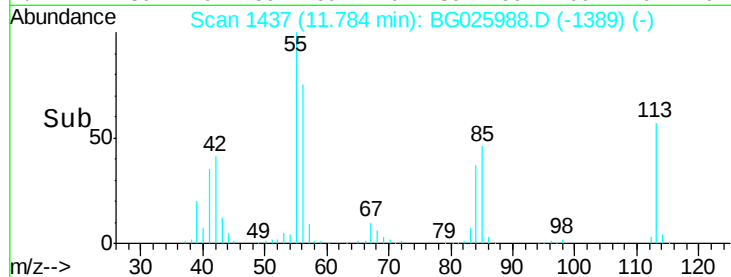
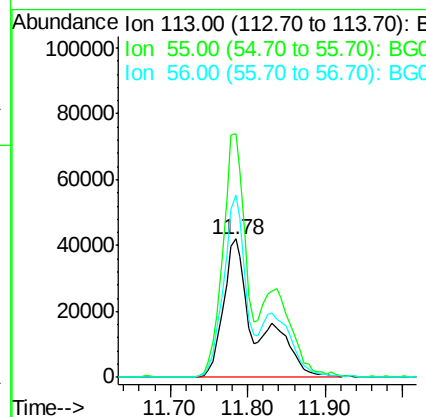
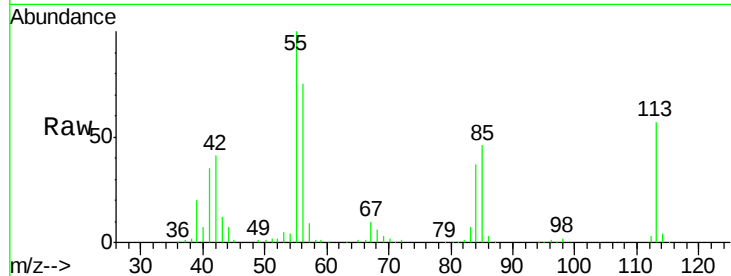
113 100

55 175.7 198.6 238.6#

56 131.2 140.4 180.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.81 ng/ml

RT: 12.14 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG025988.D

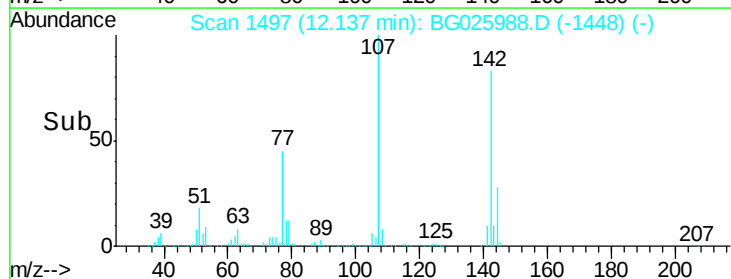
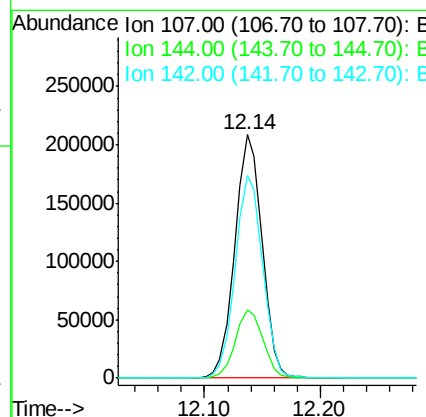
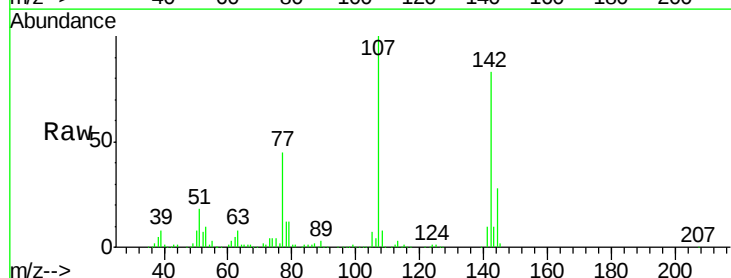
Acq: 28 Feb 2017 7:01

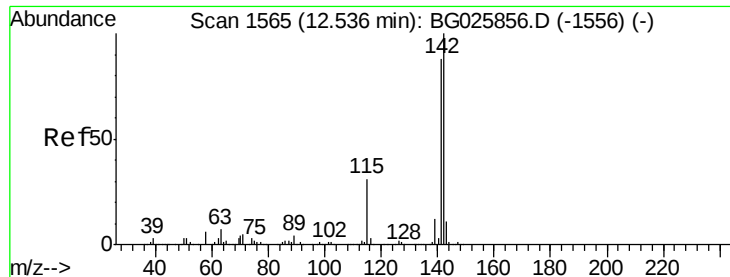
Tgt Ion:107 Resp: 341596
Ion Ratio Lower Upper

107 100

144 28.0 17.4 26.0#

142 83.2 54.1 81.1#





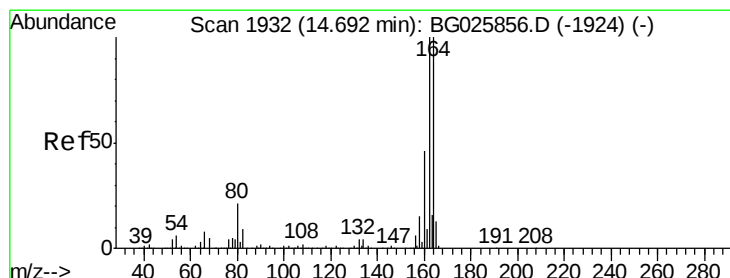
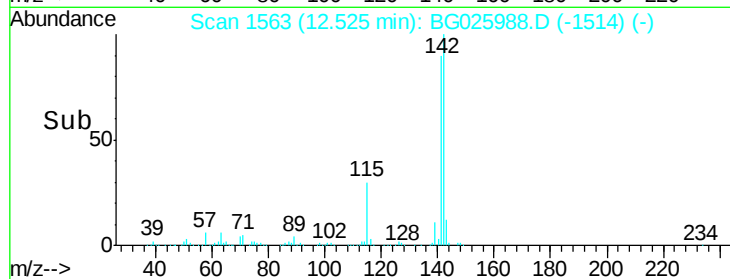
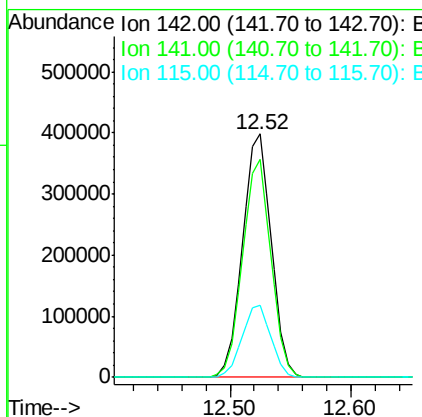
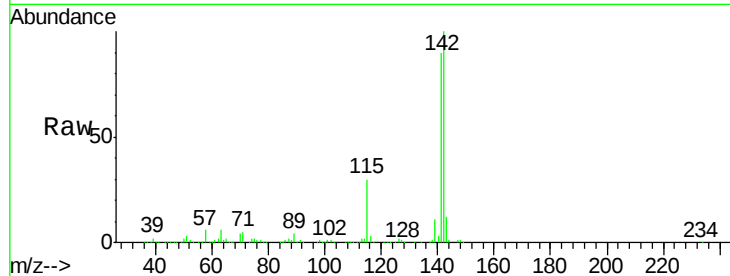
#37
2-Methylnaphthalene
Concen: 35.05 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	29.8	35.5	53.3

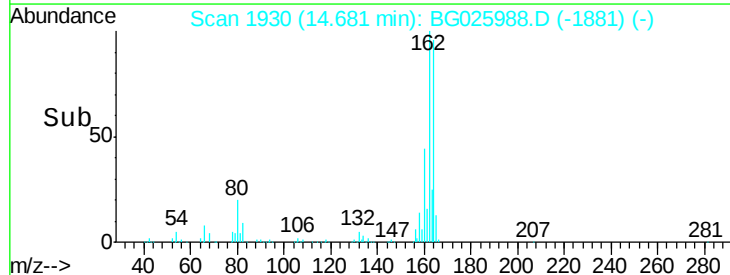
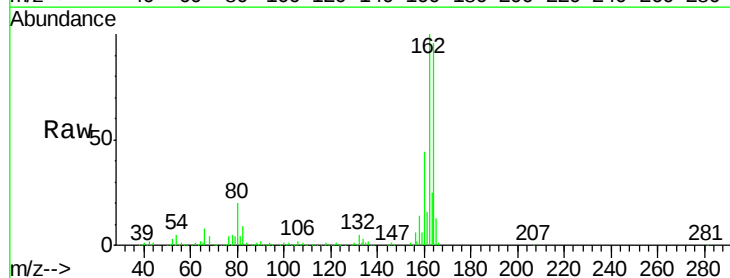
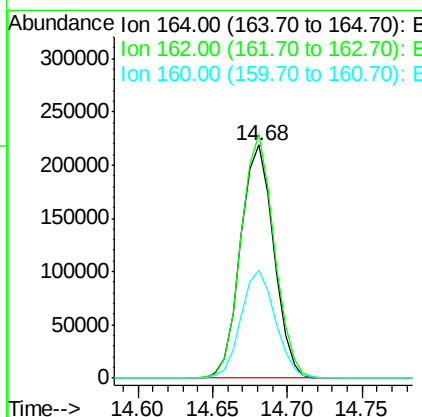
Manual Integrations
APPROVED

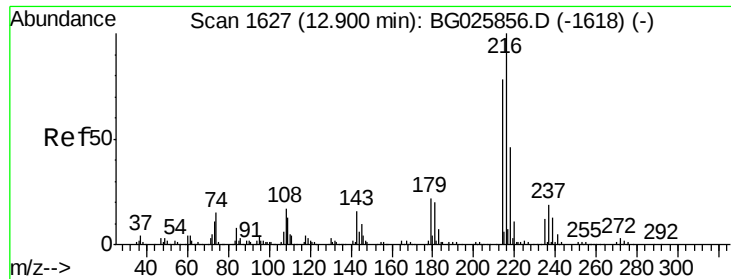
mohammad
3/1/2017 12:37:54 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	46.2	34.7	52.1





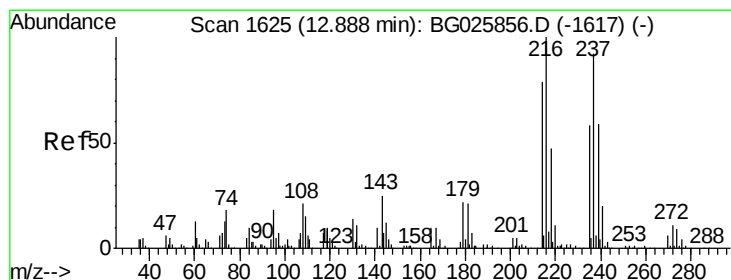
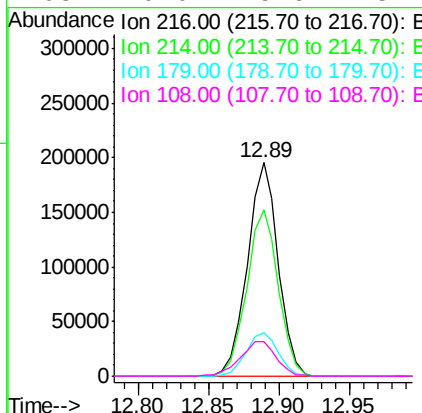
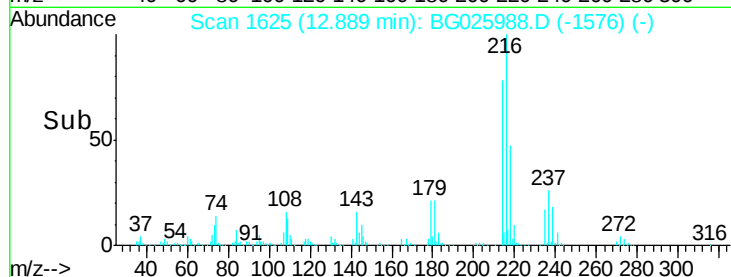
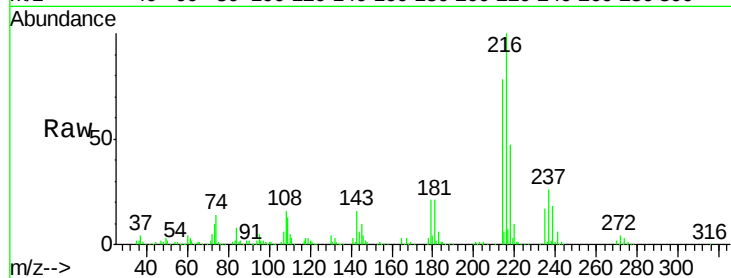
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.15 ng
 RT: 12.89 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.4	96.6
179	21.6	17.4	26.0
108	19.0	15.6	23.4

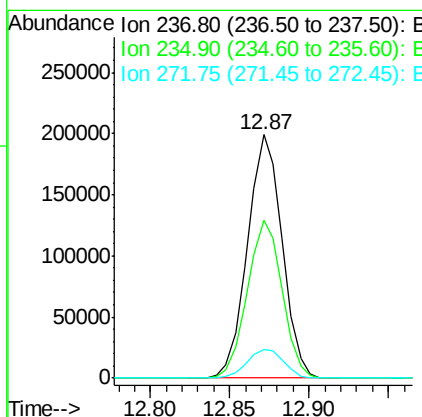
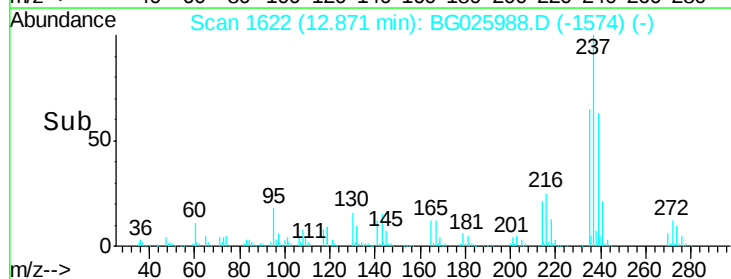
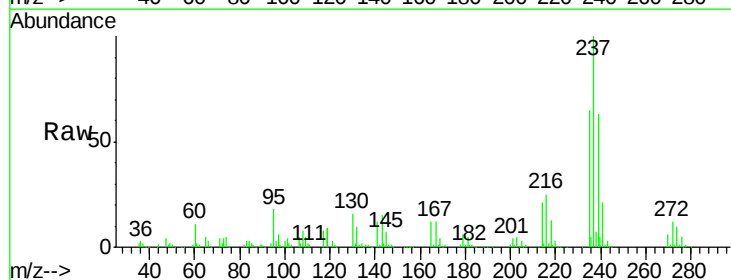
Manual Integrations
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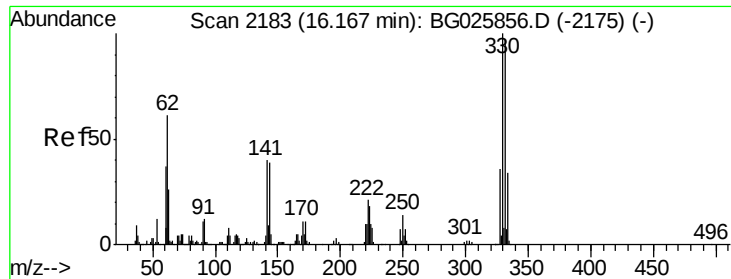
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 65.20 ng
 RT: 12.87 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.7	39.4	79.4
272	12.0	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 154.40 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

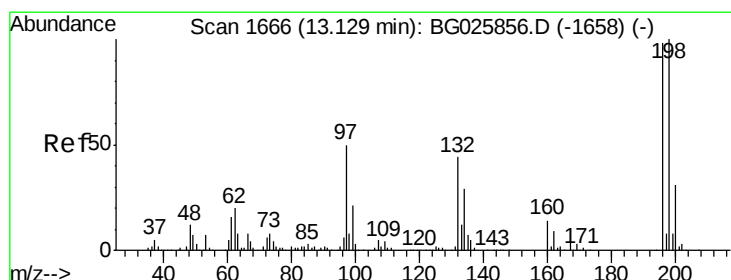
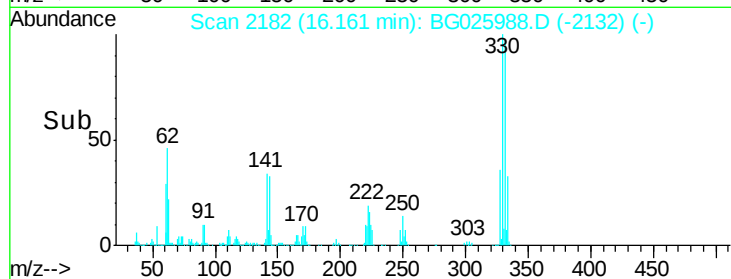
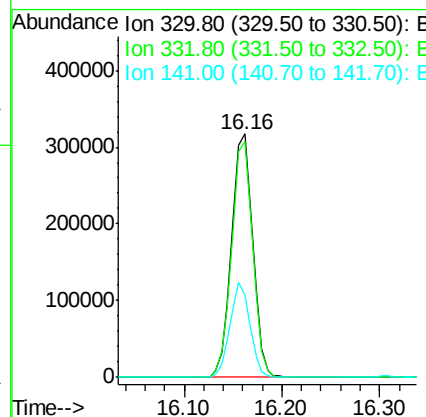
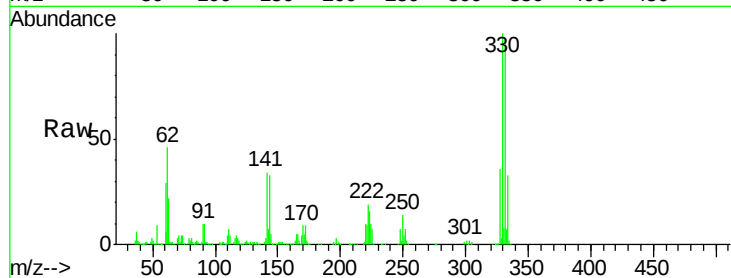
ClientSampleId :

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

Tot Ion:	330	Resp:	482050
Ion Ratio		Lower	Upper
330	100		
332	95.8	77.3	115.9
141	36.6	32.1	48.1

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 46.40 ng

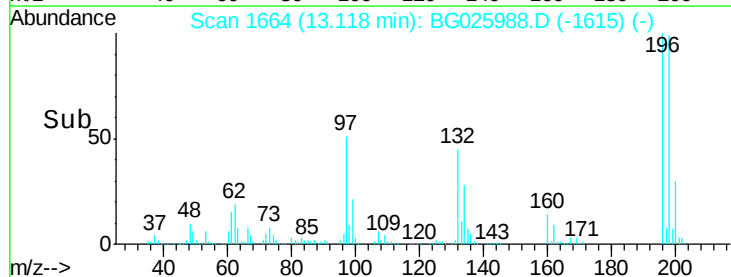
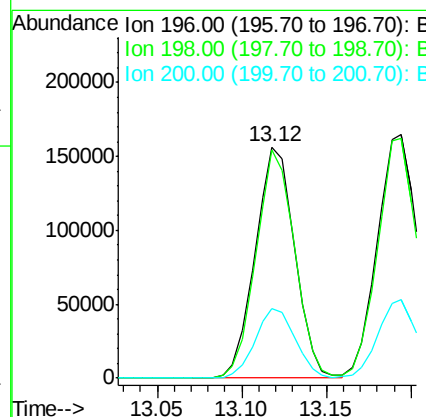
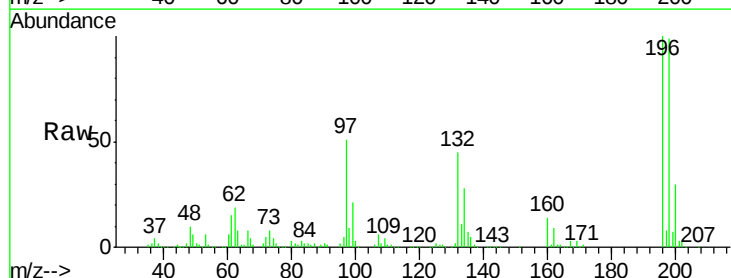
RT: 13.12 min Scan# 1664

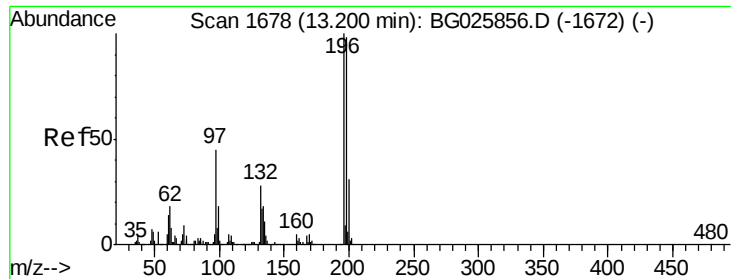
Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:	196	Resp:	253794
Ion Ratio		Lower	Upper
196	100		
198	98.8	81.4	122.2
200	30.2	27.0	40.6





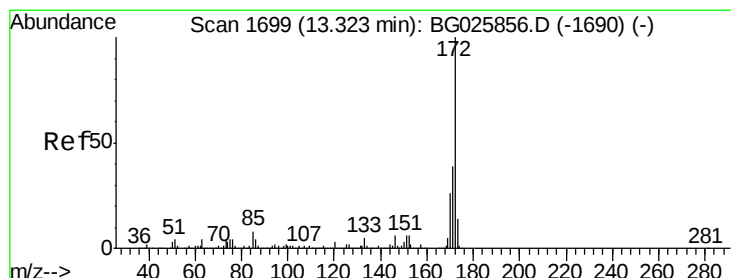
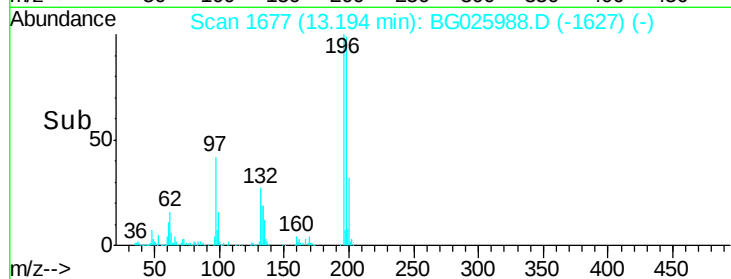
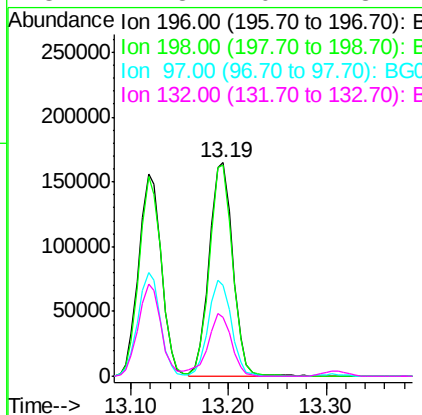
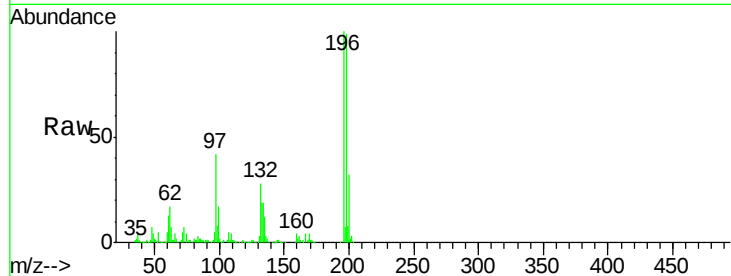
#43
 2,4,5-Trichlorophenol
 Concen: 44.57 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		276784		
198	98.6	79.9	119.9		
97	42.3	45.4	68.0		
132	27.8	20.7	31.1		

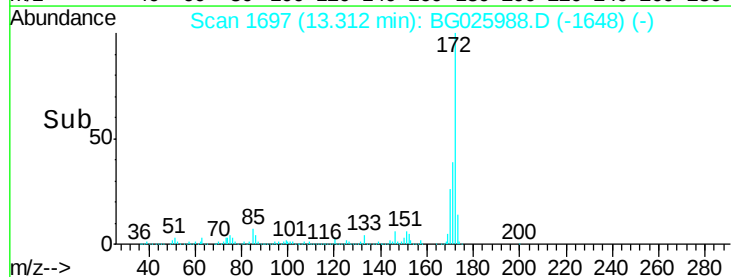
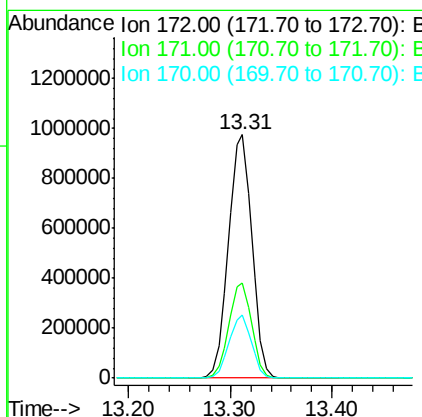
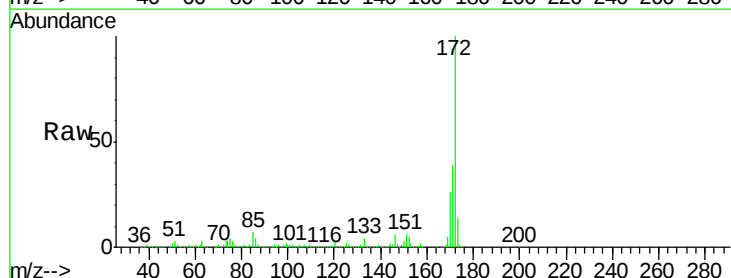
Manual Integrations
 APPROVED

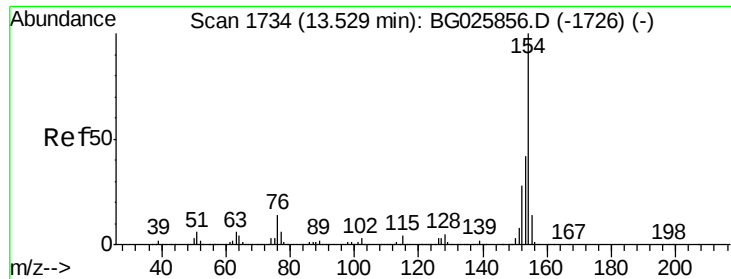
mohammad
 3/1/2017 12:37:54 PM



#44
 2-Fluorobiphenyl
 Concen: 80.54 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1557567		
171	38.9	32.2	48.2		
170	25.7	21.8	32.6		





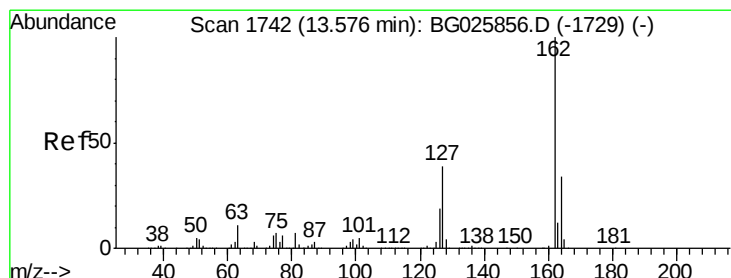
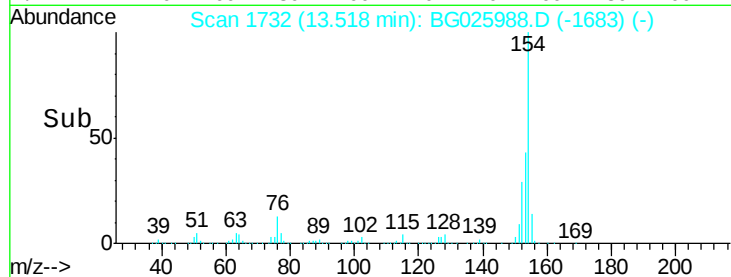
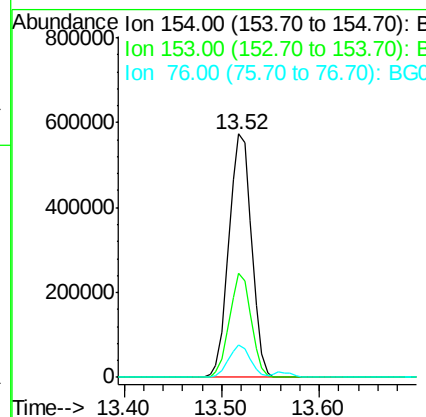
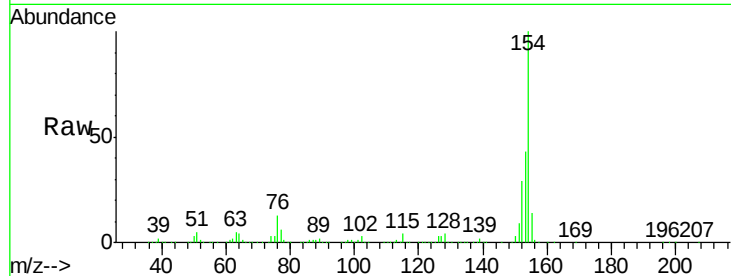
#45
 1,1'-Biphenyl
 Concen: 37.60 ng
 RT: 13.52 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
154	100	920677		
153	42.5	23.0	63.0	
76	13.3	0.0	33.5	

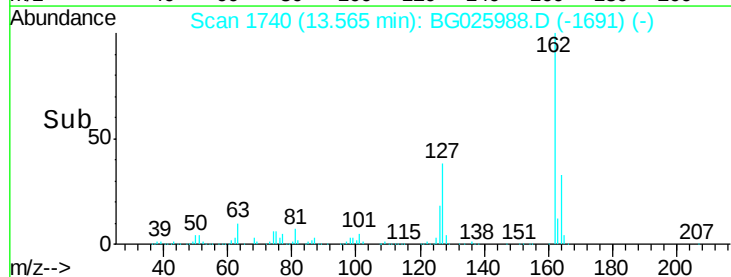
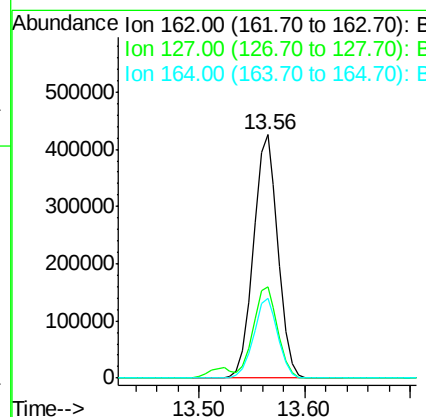
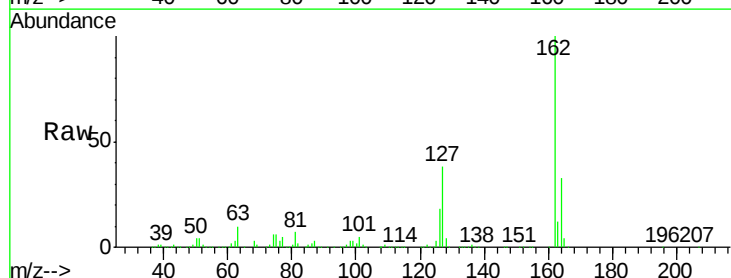
Manual Integrations
 APPROVED

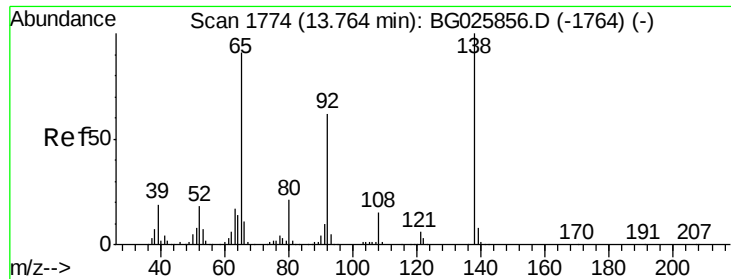
mohammad
 3/1/2017 12:37:54 PM



#46
 2-Chloronaphthalene
 Concen: 38.63 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	683820		
127	37.6	32.2	48.4	
164	33.0	27.3	40.9	





#47

2-Nitroaniline

Concen: 42.92 ng

RT: 13.75 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

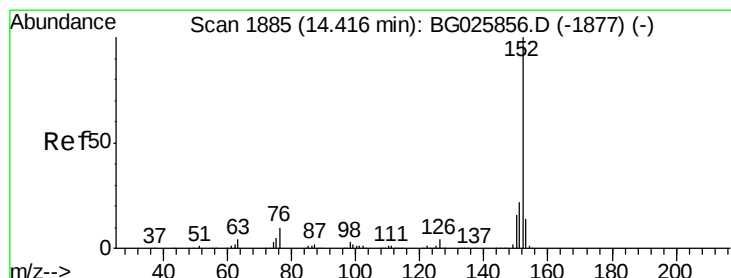
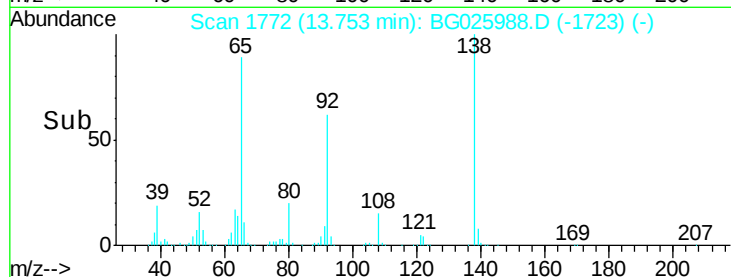
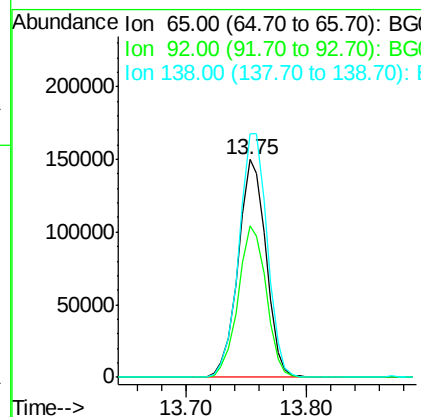
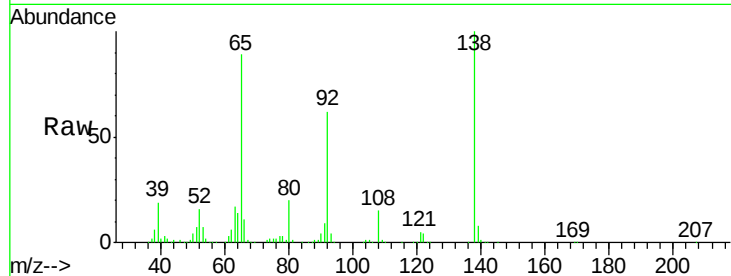
ClientSampleId :

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

Tot Ion:	65	Resp:	241011
Ion Ratio	Lower	Upper	
65	100		
92	69.7	49.0	73.4
138	111.8	58.6	87.8#

Manual Integrations
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#48

Acenaphthylene

Concen: 38.42 ng

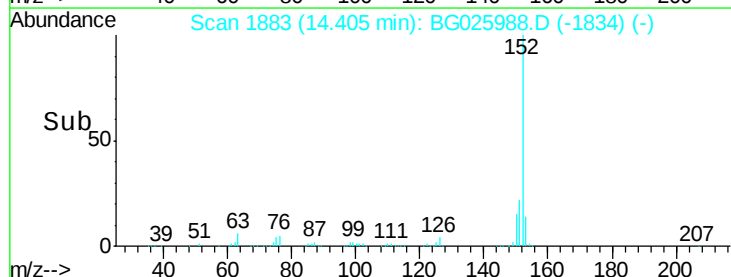
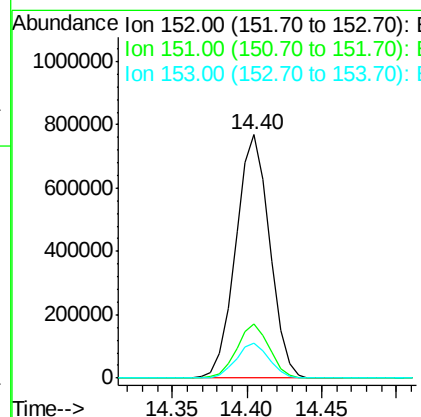
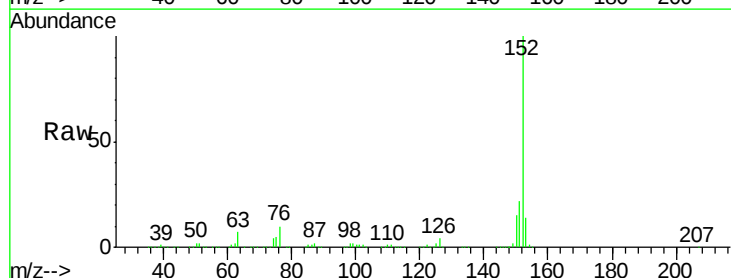
RT: 14.40 min Scan# 1883

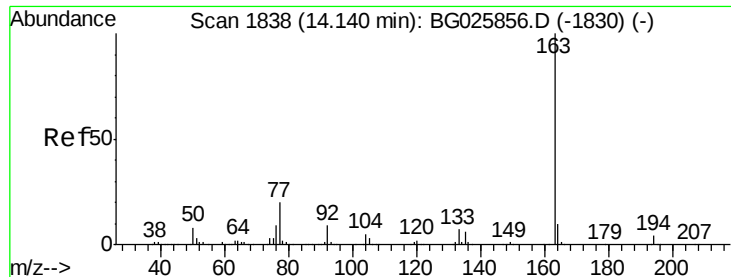
Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:	152	Resp:	1211115
Ion Ratio	Lower	Upper	
152	100		
151	22.0	18.2	27.2
153	14.5	11.3	16.9





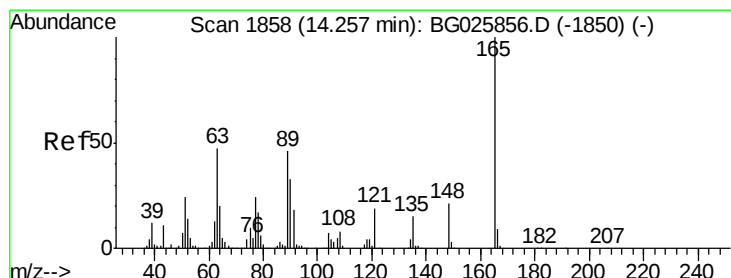
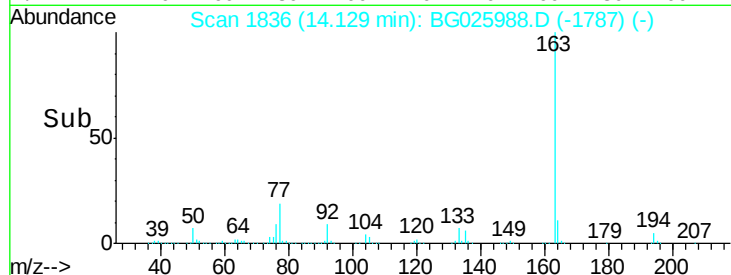
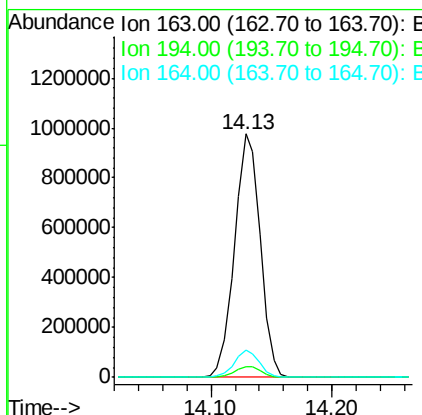
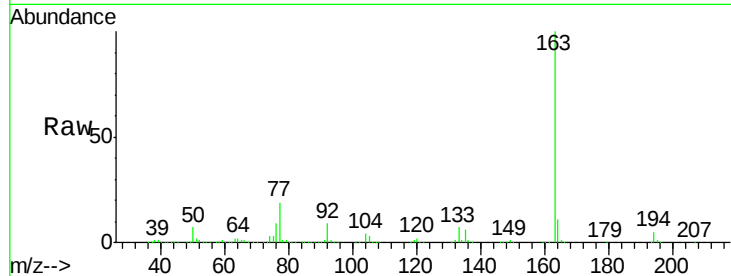
#49
Dimethylphthalate
Concen: 62.16 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	11.1	9.3	13.9

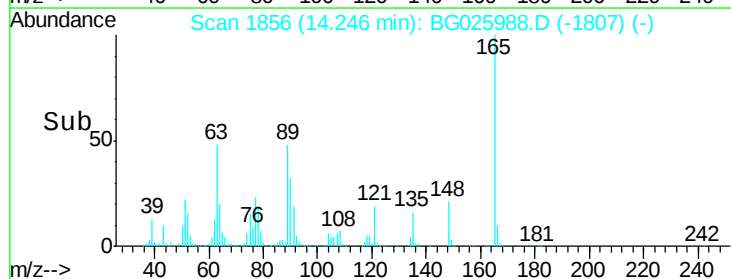
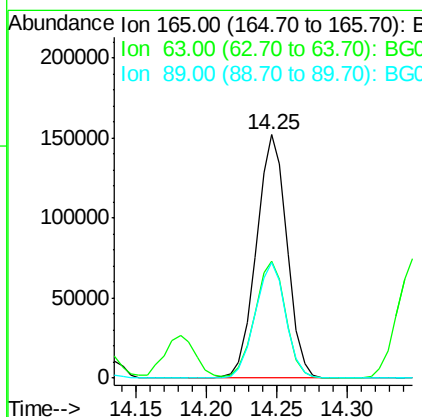
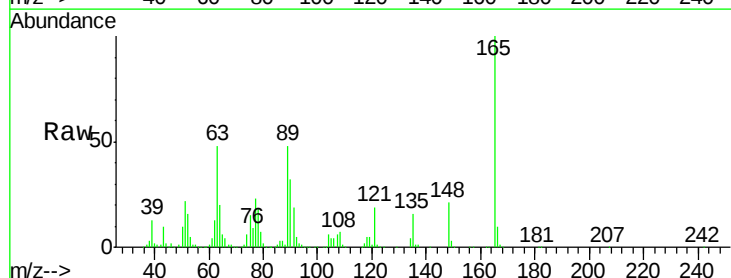
Manual Integrations
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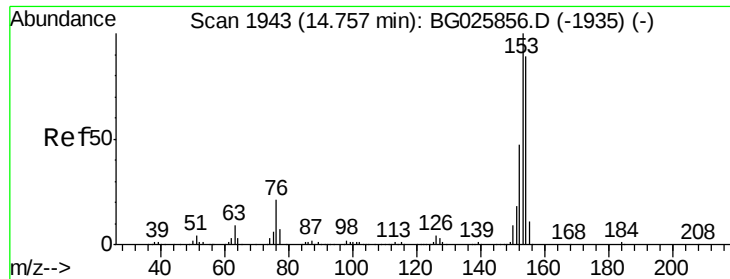
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.42 ng
RT: 14.25 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	63.9	95.9#
89	47.5	58.6	88.0#





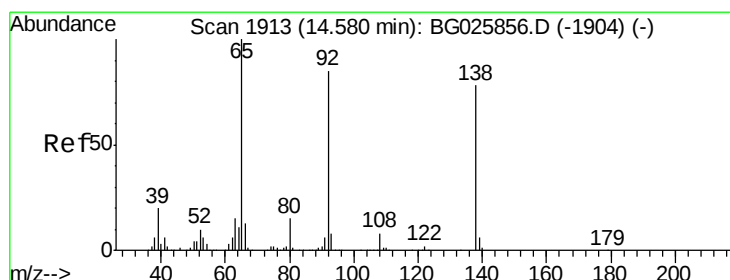
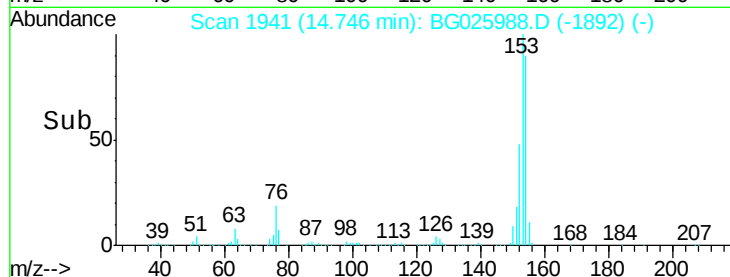
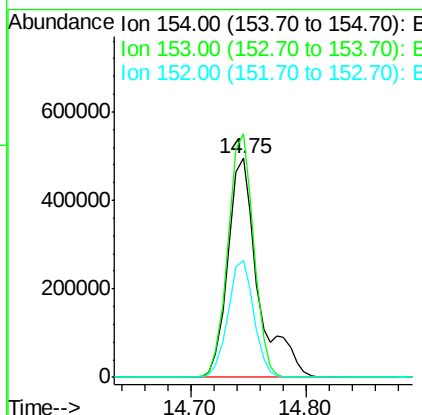
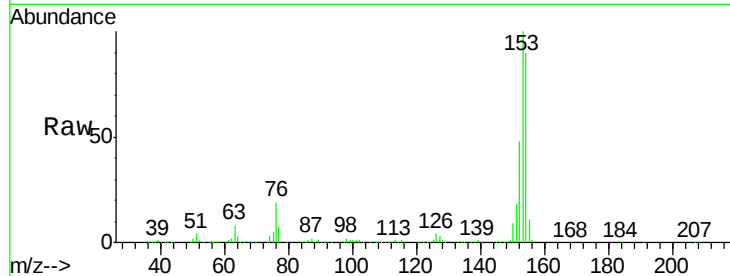
#51
Acenaphthene
Concen: 43.14 ng
RT: 14.75 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.8	131.6
152	53.1	42.2	63.4

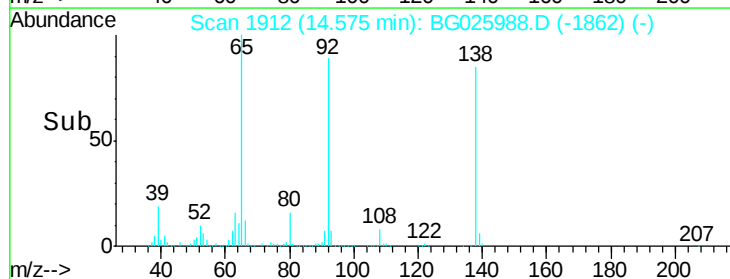
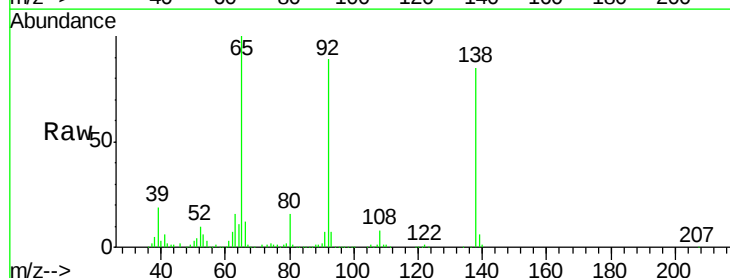
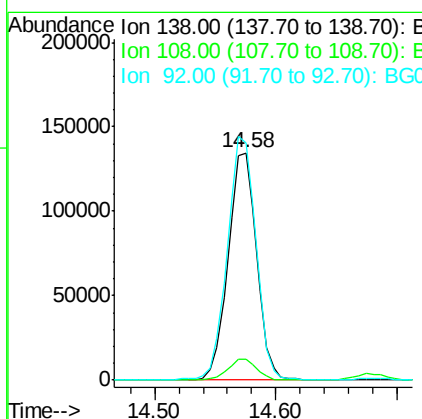
Manual Integrations
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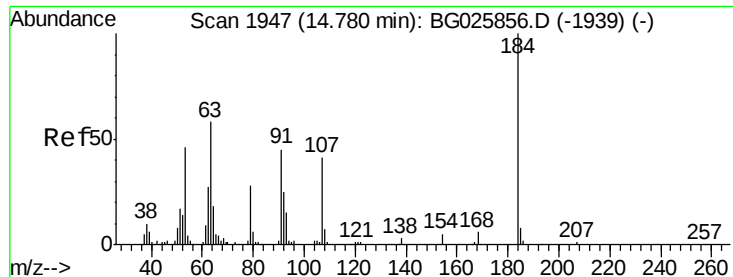
mohammad
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#52
3-Nitroaniline
Concen: 37.96 ng
RT: 14.58 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	10.9	16.3#
92	104.5	115.3	172.9#





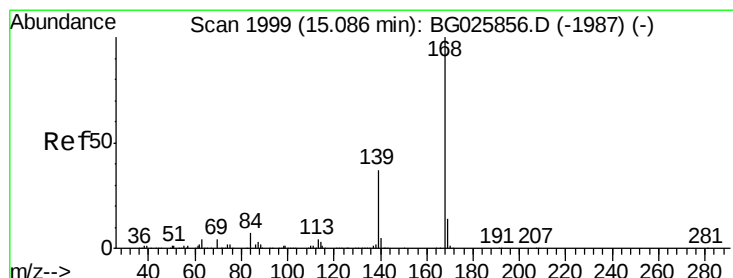
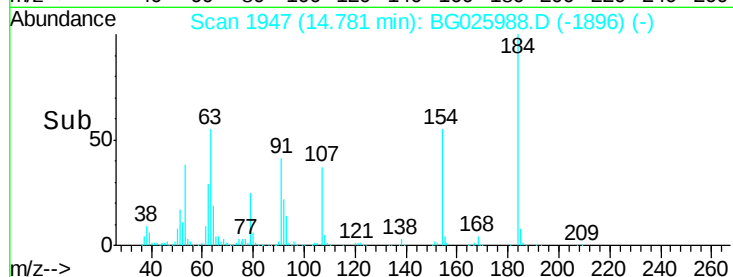
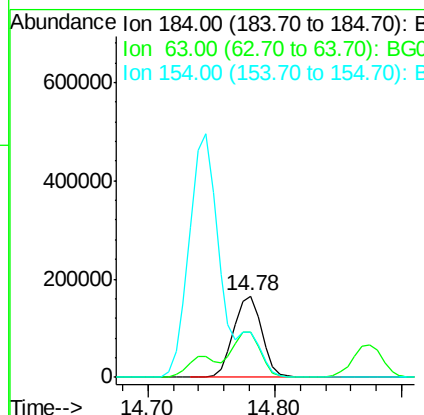
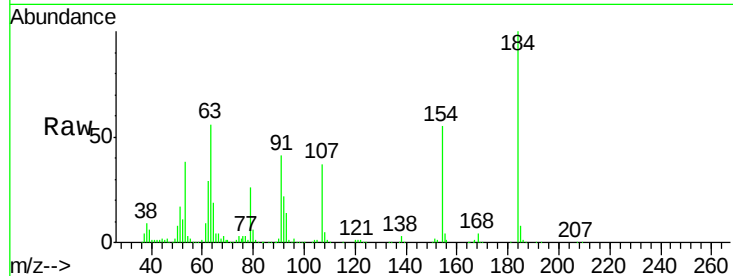
#53
2,4-Dinitrophenol
Concen: 93.40 ng
RT: 14.78 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	254539		
63	55.6	52.7	79.1	
154	55.3	57.3	85.9	

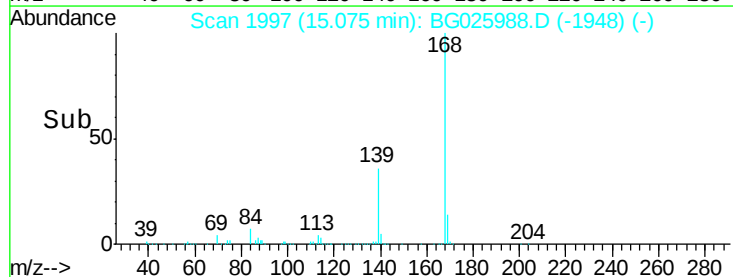
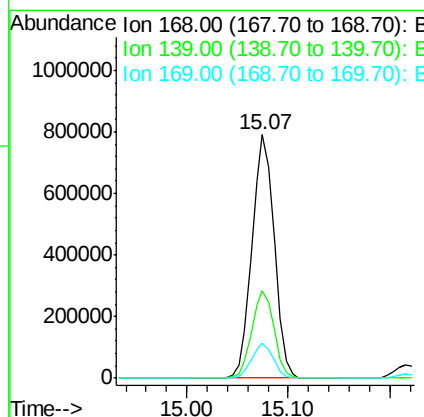
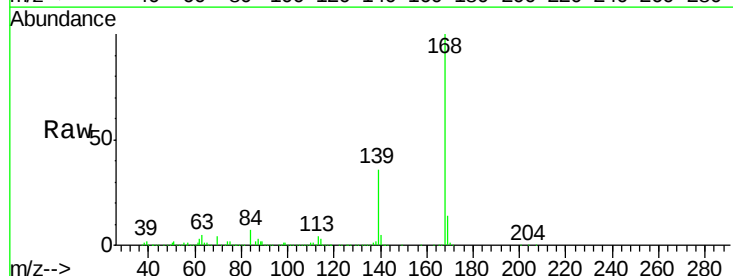
Manual Integrations
APPROVED

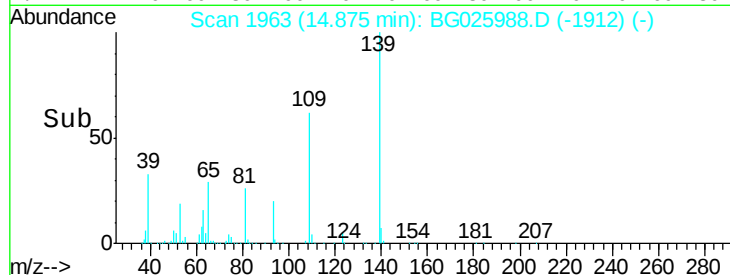
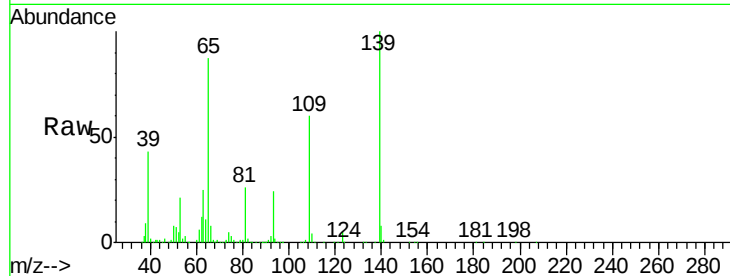
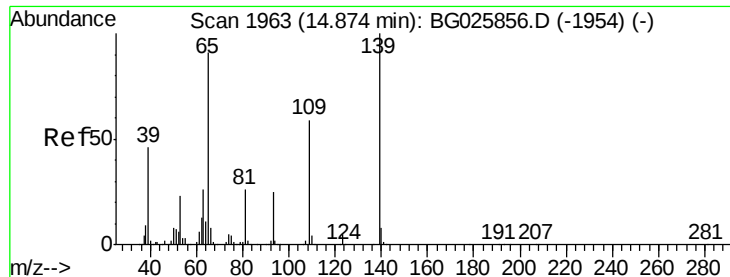
mohammad
3/1/2017 12:37:54 PM



#54
Dibenzofuran
Concen: 43.22 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1199615		
139	36.1	35.3	52.9	
169	14.2	11.5	17.3	





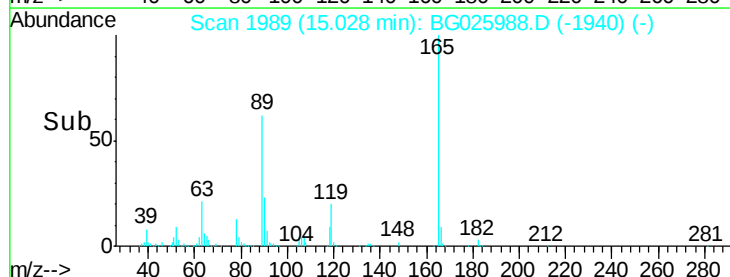
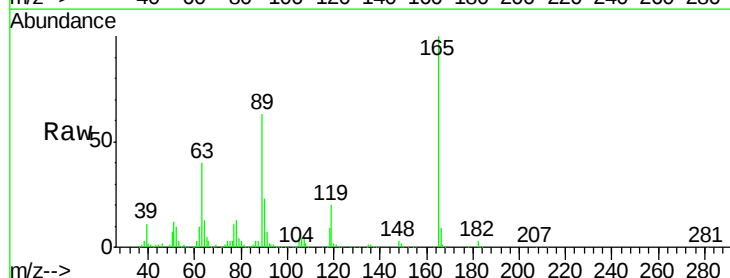
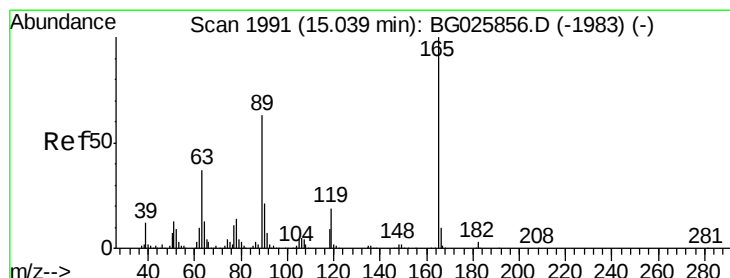
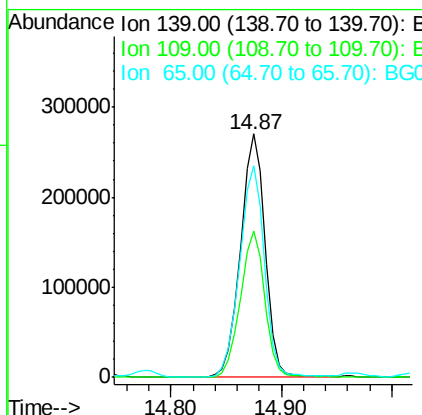
#55
4-Nitrophenol
Concen: 89.72 ng
RT: 14.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.1	101.2	141.2#
65	86.8	135.3	175.3#

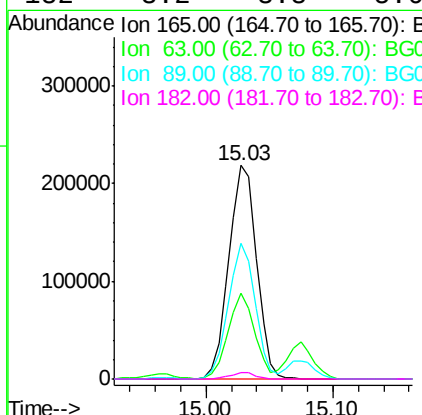
Manual Integrations
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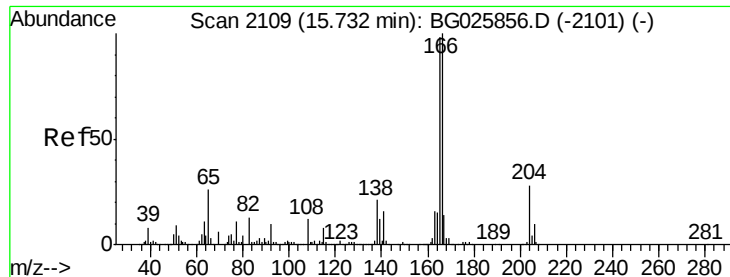
mohammad
3/1/2017 12:37:54 PM



#56
2,4-Dinitrotoluene
Concen: 47.05 ng
RT: 15.03 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.9	44.0	66.0#
89	63.4	67.3	100.9#
182	3.2	3.8	5.6#





#57

Fluorene

Concen: 40.75 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

ClientSampleId :

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

Tot Ion:166 Resp: 1010590

Ion Ratio Lower Upper

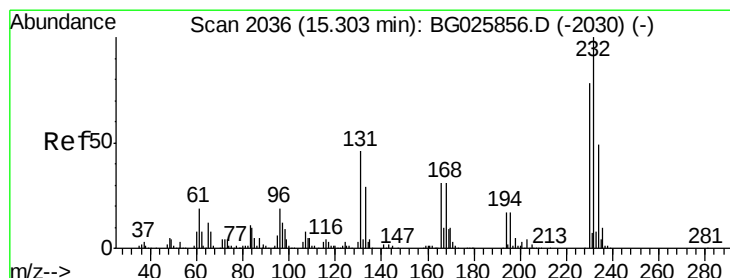
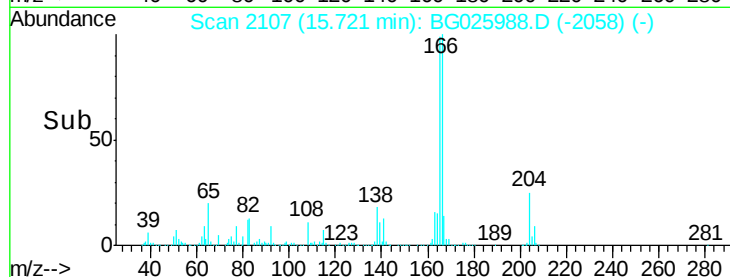
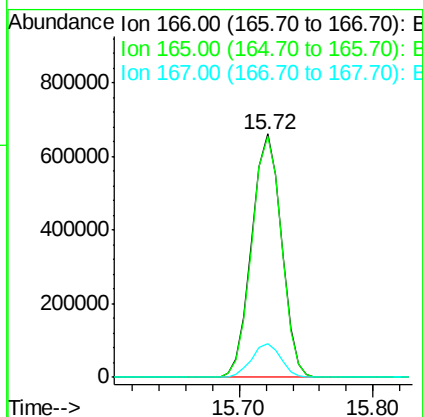
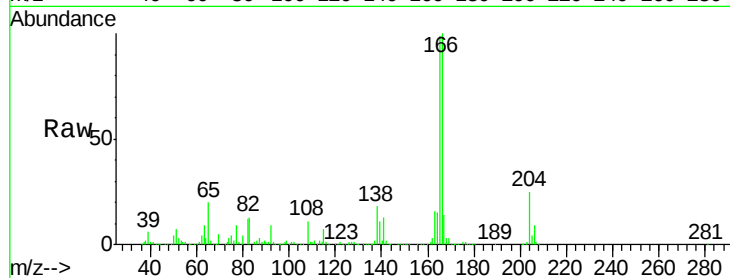
166 100

165 98.9 78.6 117.8

167 13.9 11.6 17.4

Manual Integrations
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mohammad
3/1/2017 12:37:54 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.16 ng

RT: 15.30 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:232 Resp: 269327

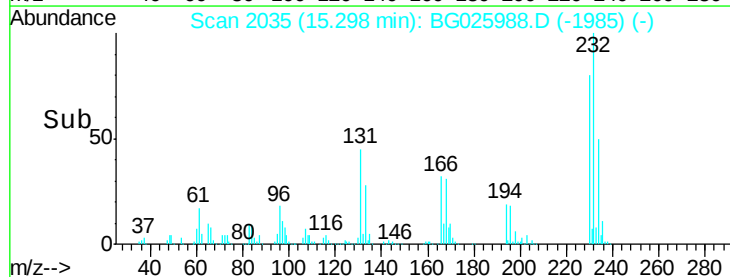
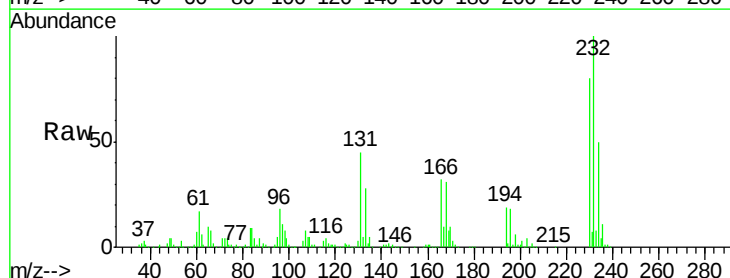
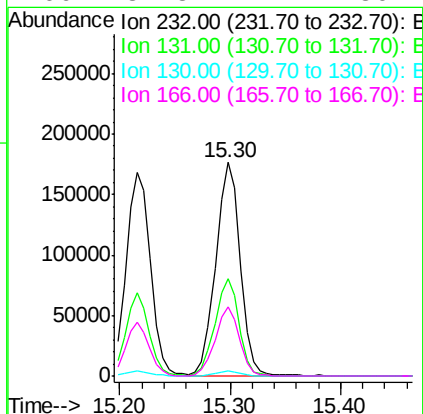
Ion Ratio Lower Upper

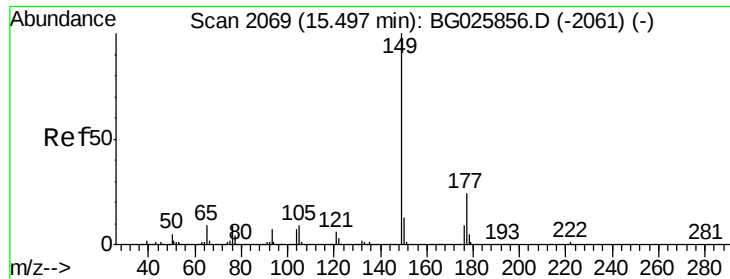
232 100

131 45.0 34.9 52.3

130 2.4 2.3 3.5

166 31.8 24.2 36.4





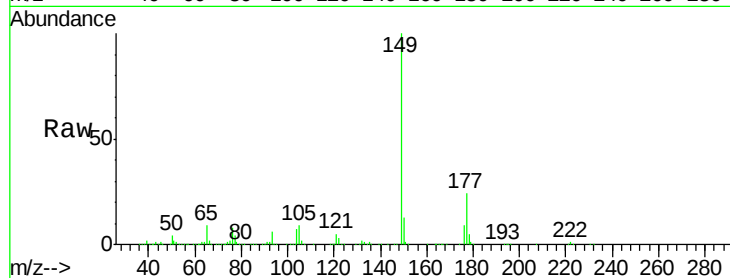
#59
Diethylphthalate
Concen: 42.69 ng
RT: 15.49 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

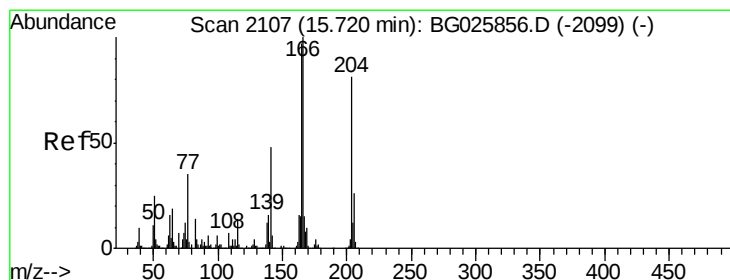
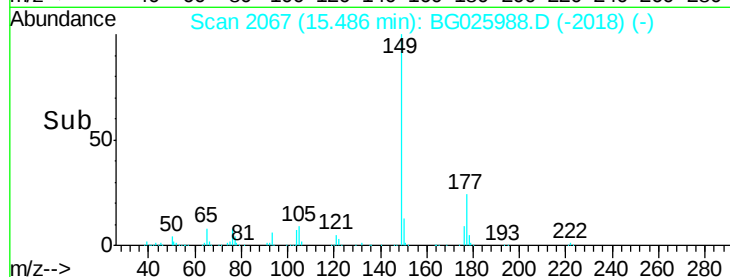
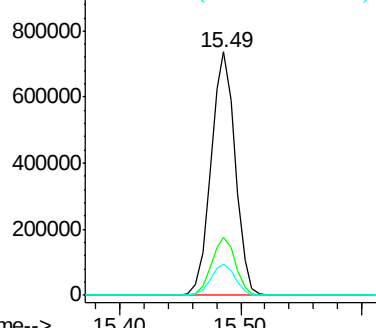
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.1	30.1
150	12.9	10.2	15.2

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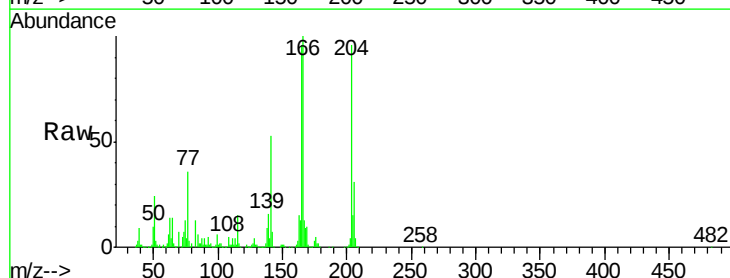


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

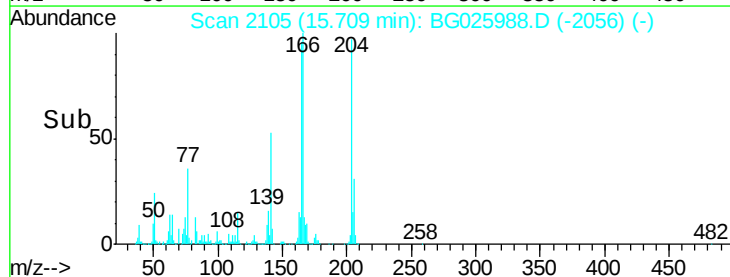
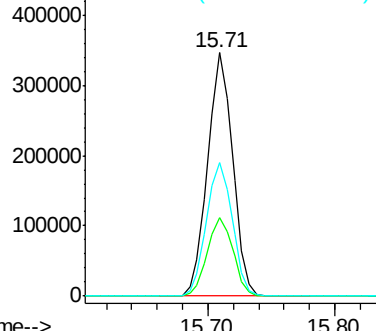


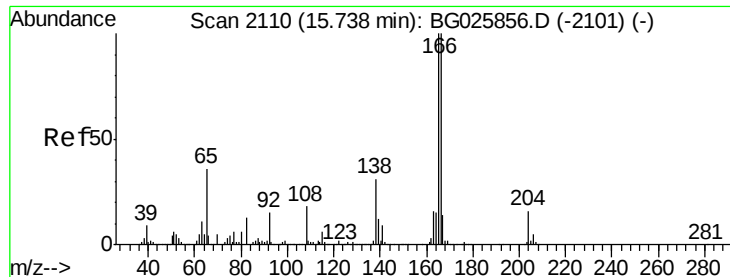
#60
4-Chlorophenyl-phenylether
Concen: 41.17 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	30.1	45.1
141	54.9	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: 44.74 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

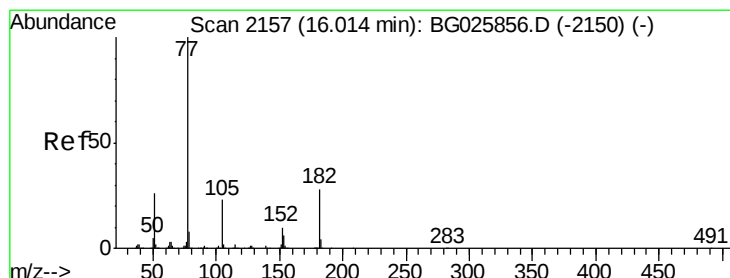
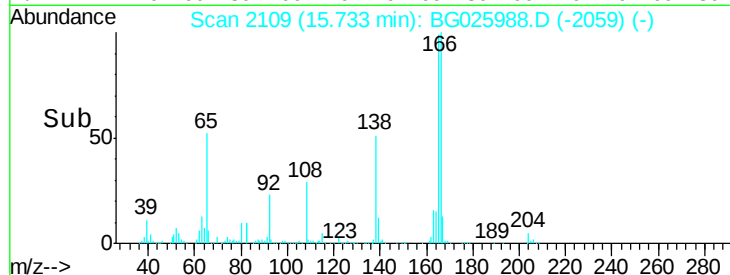
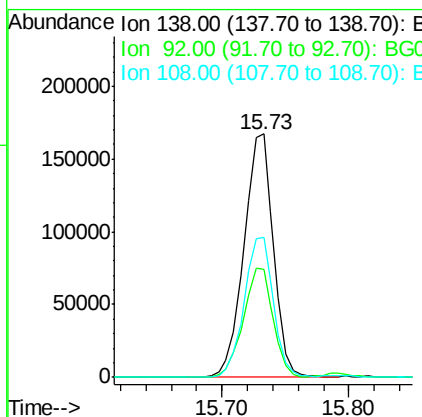
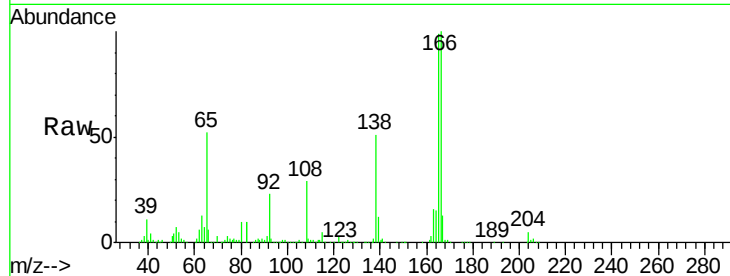
ClientSampleId :

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	270134		
92	44.5	44.2	84.2	
108	57.5	104.8	144.8	

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#62

Azobenzene

Concen: 43.61 ng

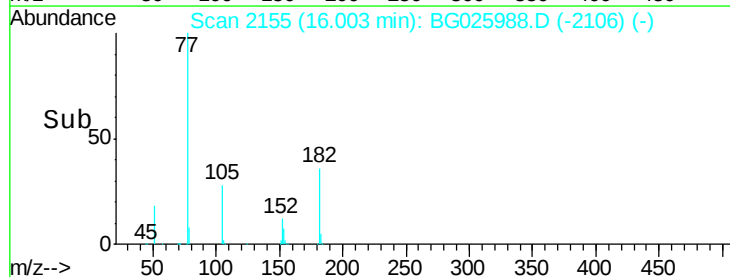
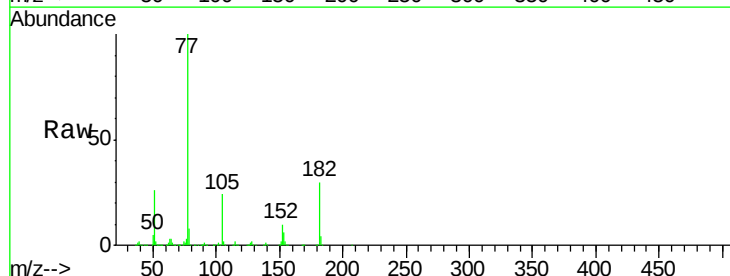
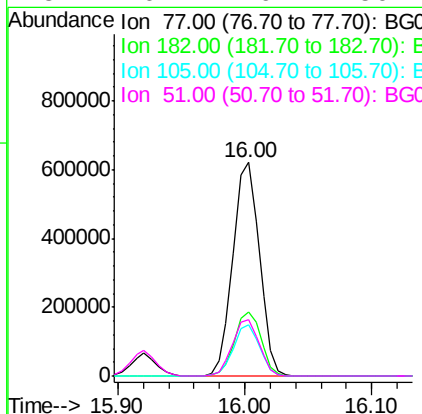
RT: 16.00 min Scan# 2155

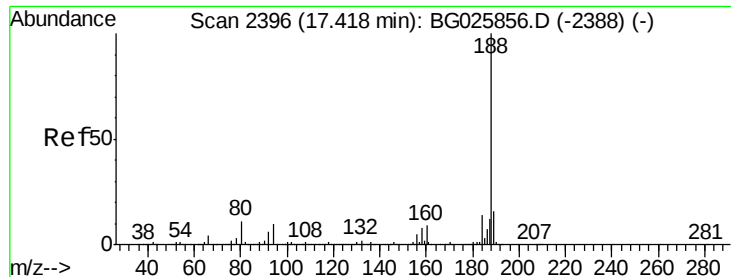
Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	898860		
182	30.0	4.7	44.7	
105	23.9	0.0	36.3	
51	26.4	16.4	56.4	





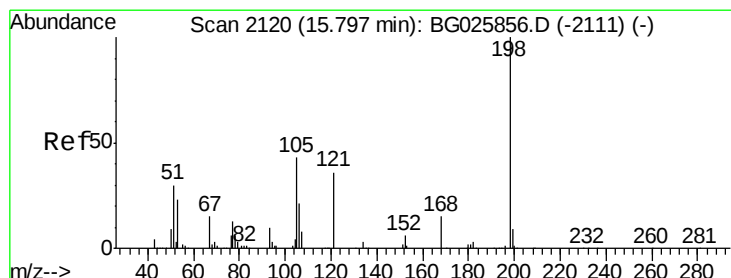
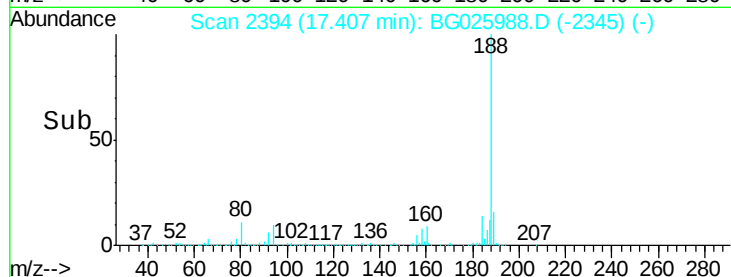
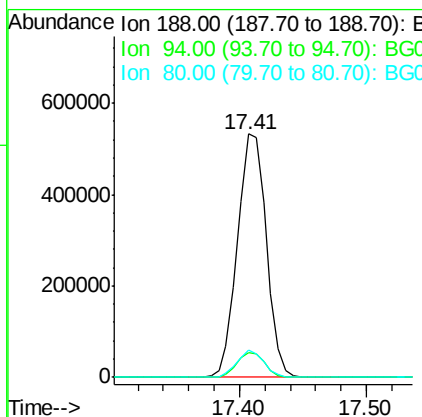
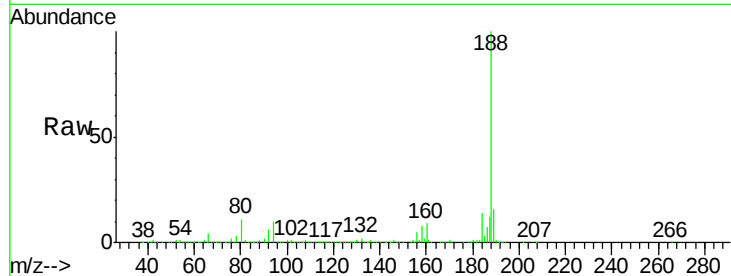
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	838066		
94	10.2	5.8	8.8#	
80	11.0	7.5	11.3	

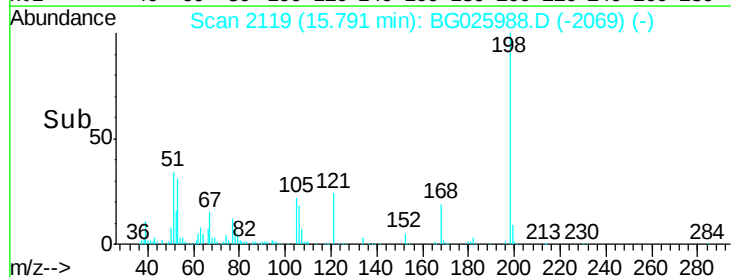
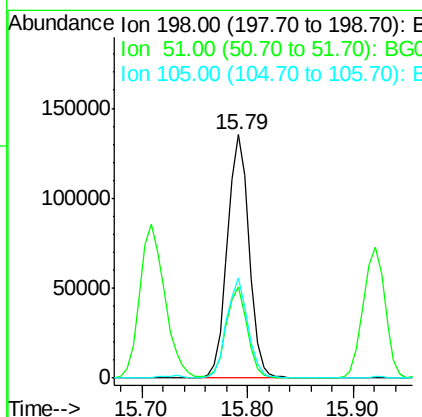
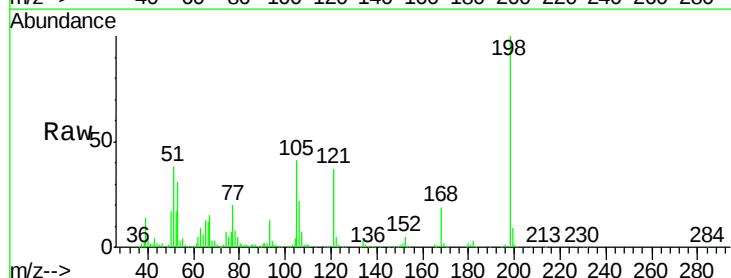
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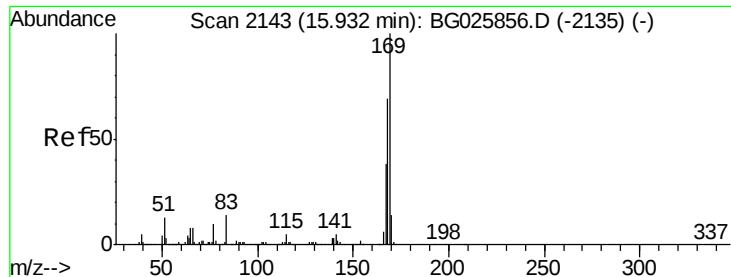
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.14 ng
RT: 15.79 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	191961		
51	37.6	22.6	62.6	
105	41.0	14.4	54.4	





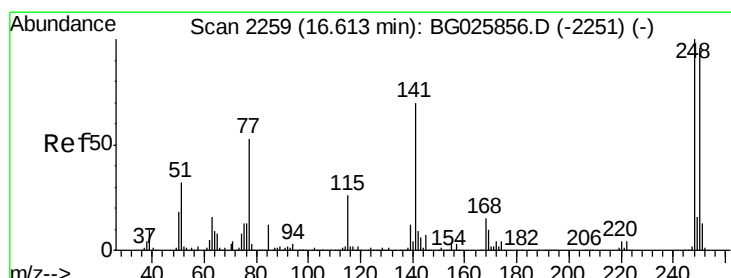
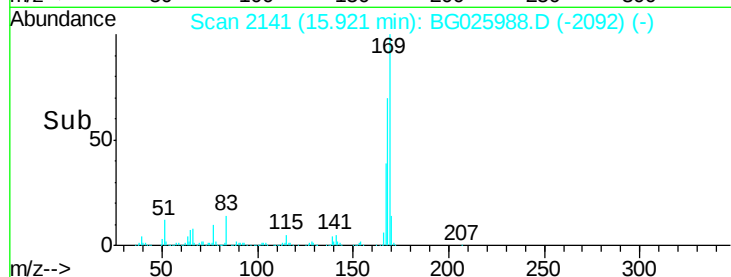
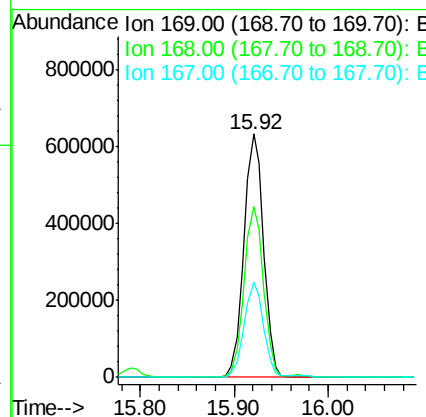
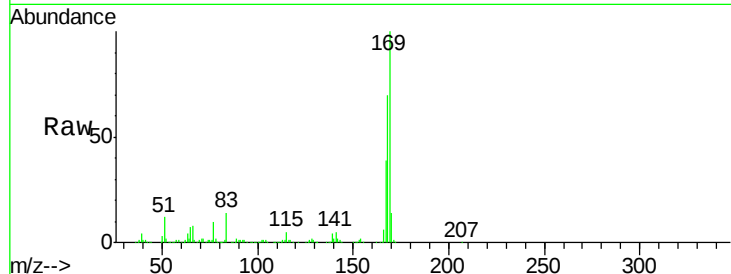
#65
n-Nitrosodiphenylamine
Concen: 36.00 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.7	83.5
167	39.2	29.8	44.6

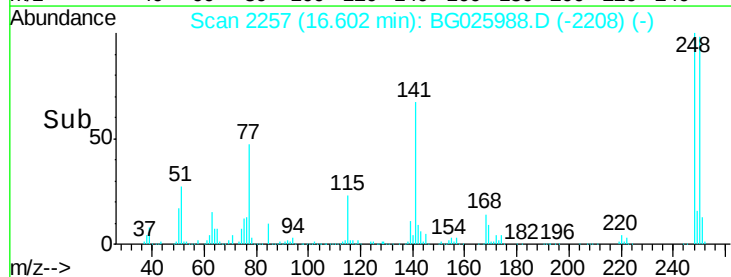
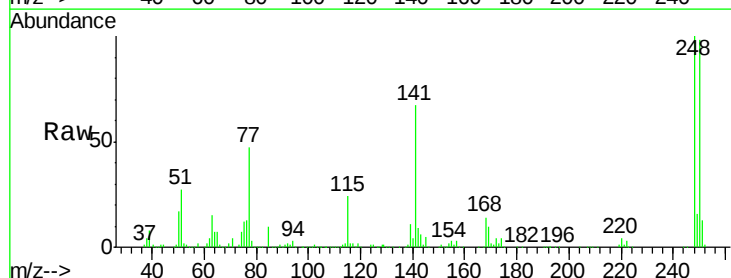
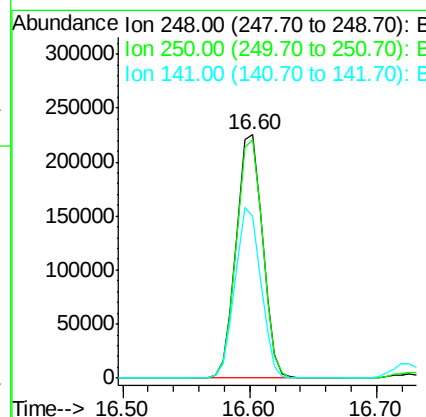
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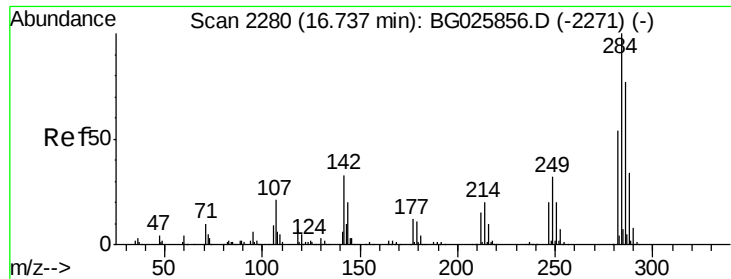
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#66
4-Bromophenyl-phenylether
Concen: 36.79 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.0	112.6
141	66.6	55.2	82.8





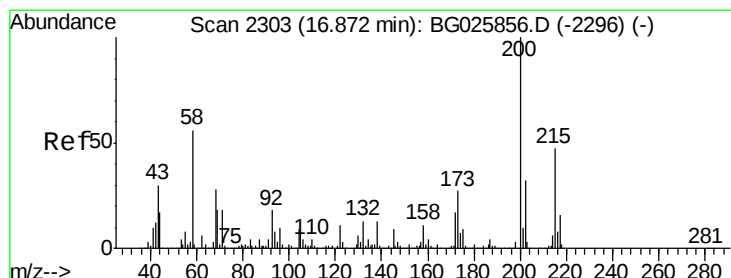
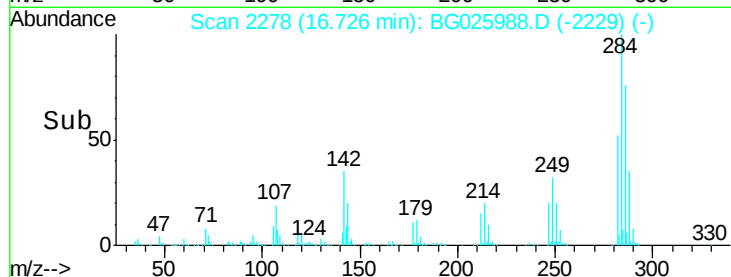
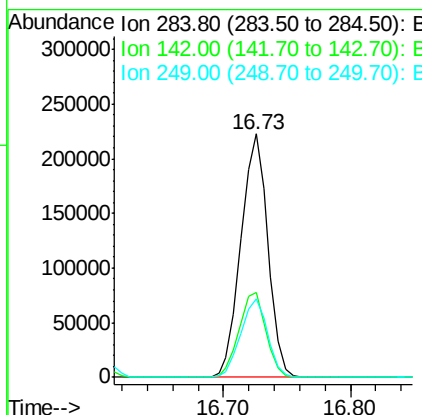
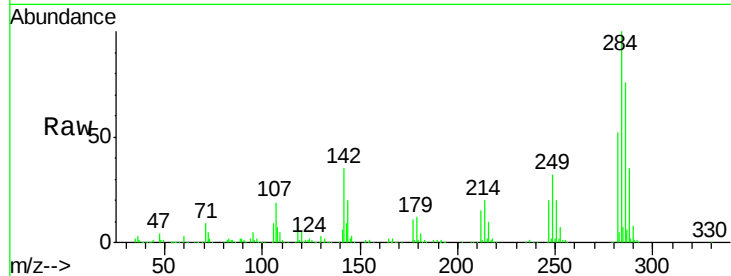
#67
Hexachlorobenzene
Concen: 36.07 ng
RT: 16.73 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.6	29.9	44.9	
249	32.3	29.2	43.8	

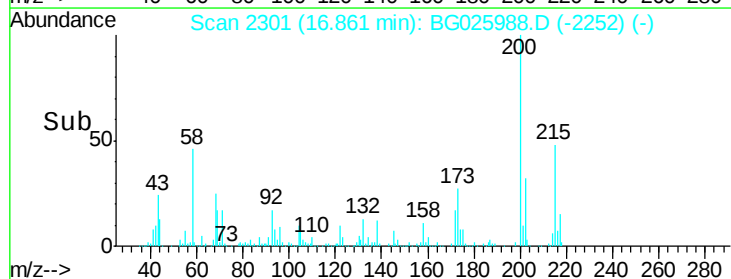
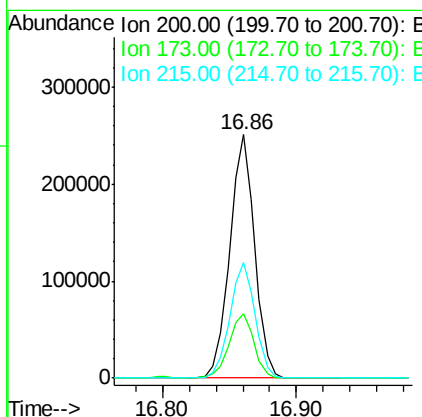
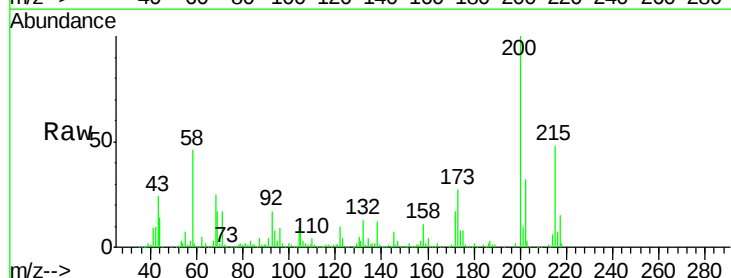
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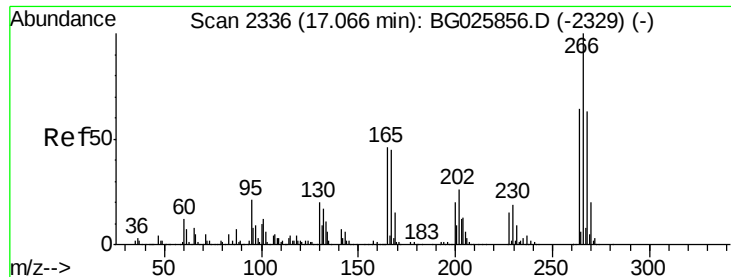
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#68
Atrazine
Concen: 36.23 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.6	3.0	43.0	
215	47.6	28.4	68.4	





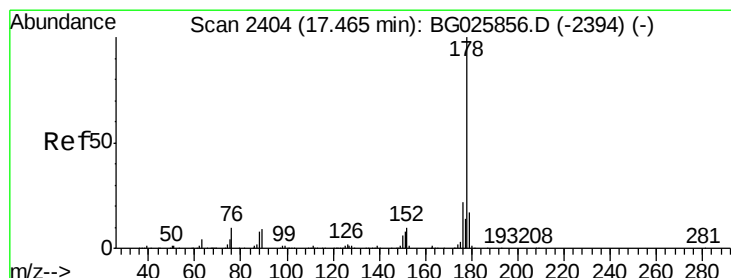
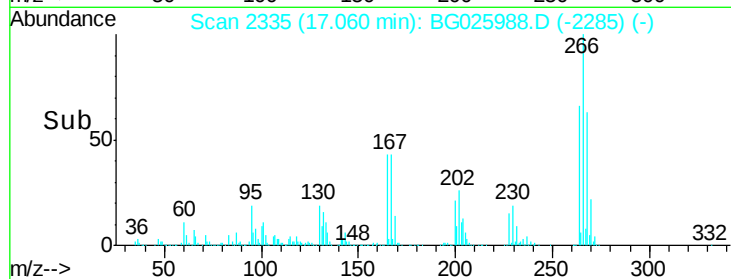
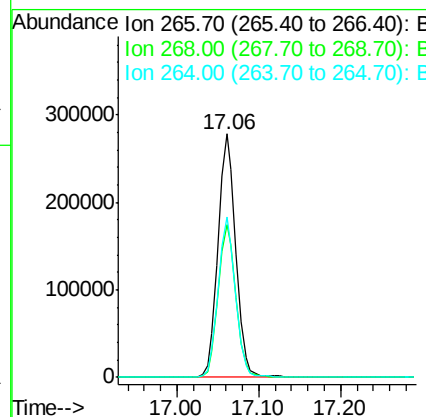
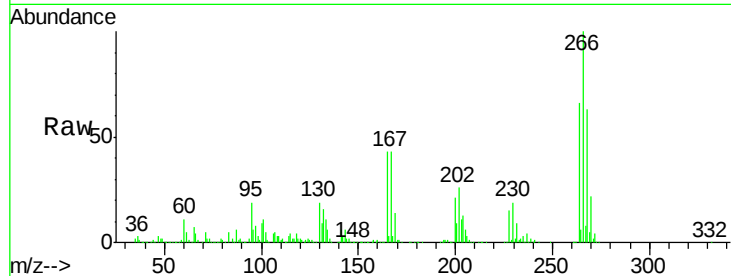
#69
 Pentachlorophenol
 Concen: 75.42 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	421173		
268	62.7		48.6	72.8
264	65.9		50.1	75.1

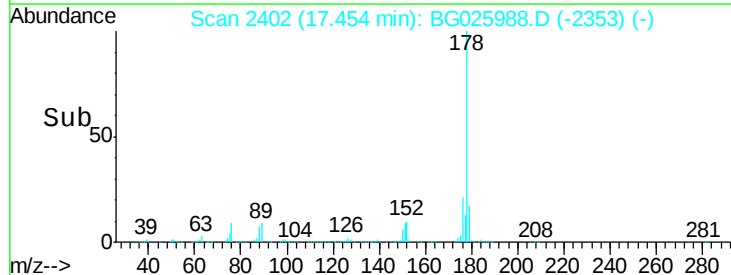
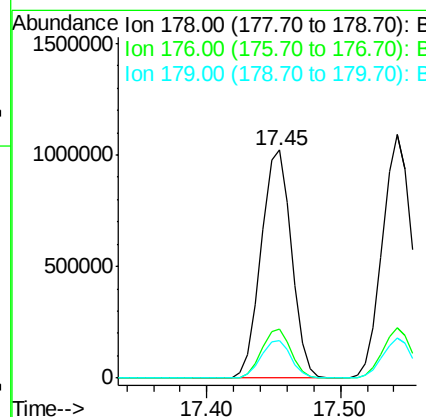
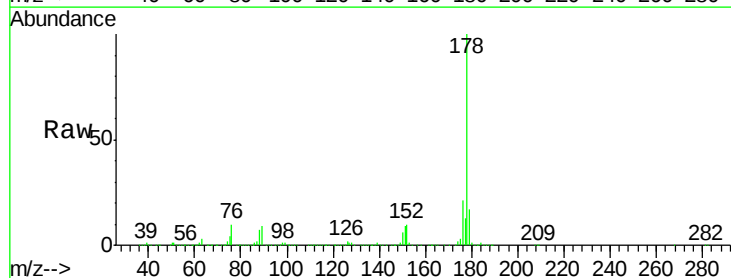
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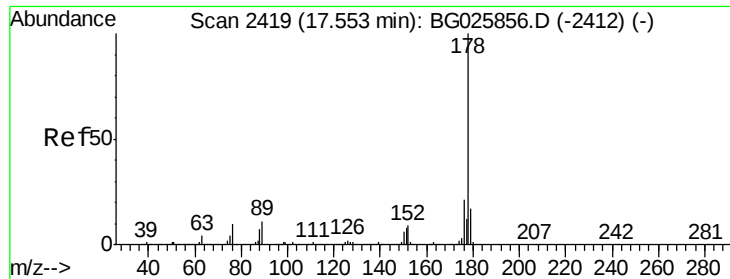
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#70
 Phenanthrene
 Concen: 35.23 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1602881		
176	21.3		17.7	26.5
179	16.6		15.0	22.6





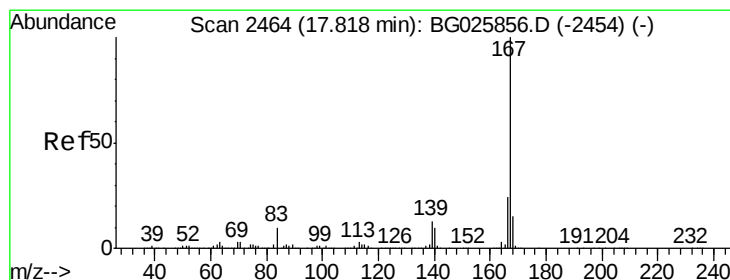
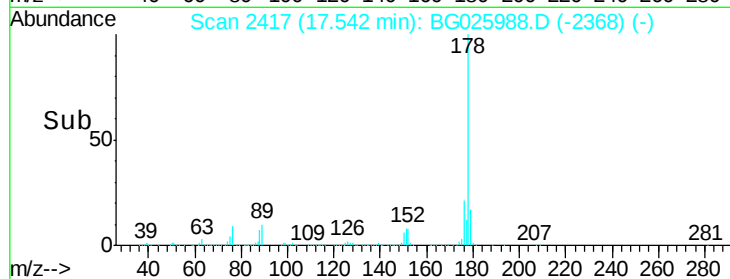
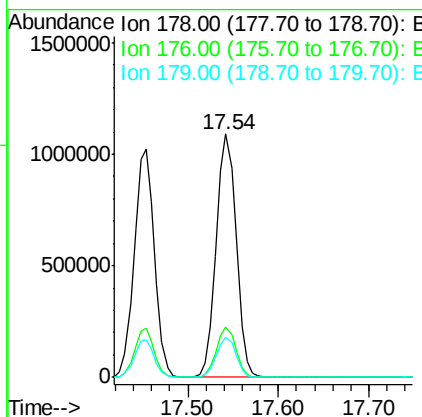
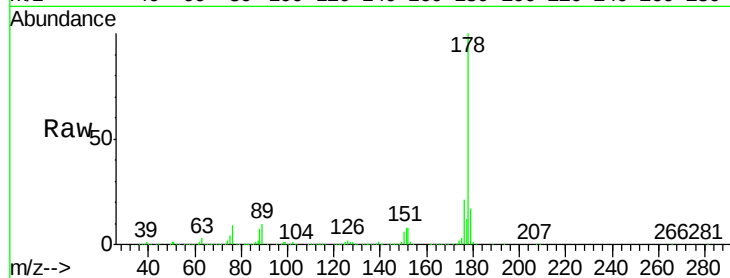
#71
 Anthracene
 Concen: 35.81 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion:178 Resp: 1660898
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.4 24.6
 179 16.6 13.8 20.8

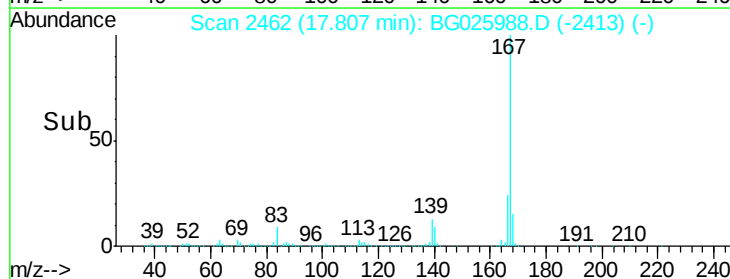
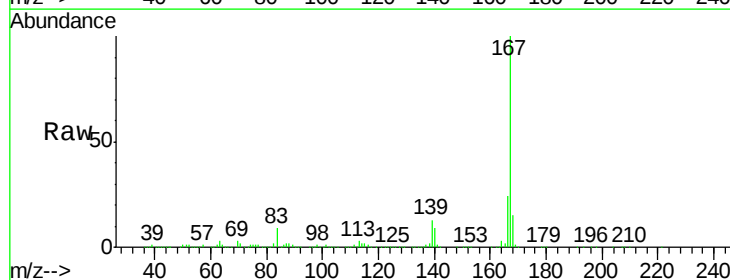
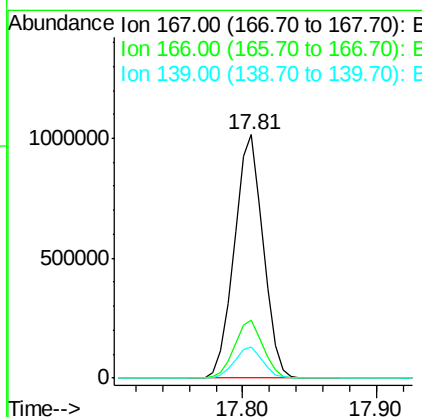
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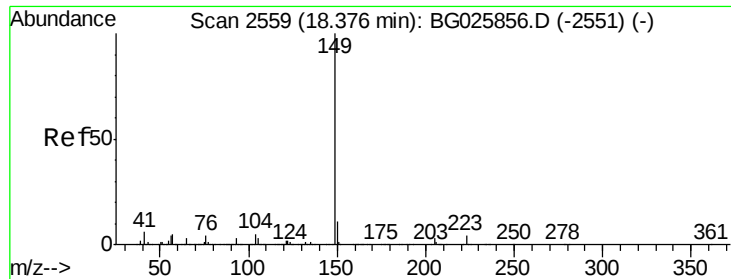
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#72
 Carbazole
 Concen: 32.63 ng
 RT: 17.81 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion:167 Resp: 1520254
 Ion Ratio Lower Upper
 167 100
 166 23.8 20.2 30.2
 139 12.8 12.8 19.2





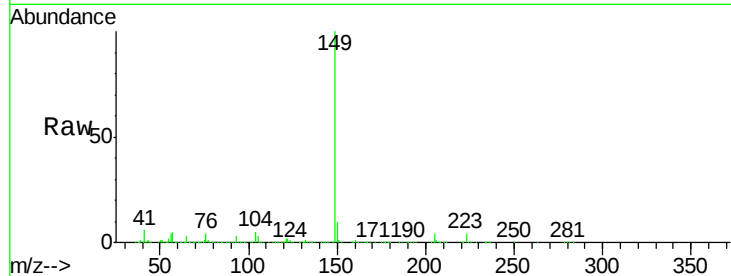
#73
Di-n-butylphthalate
Concen: 38.57 ng
RT: 18.36 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

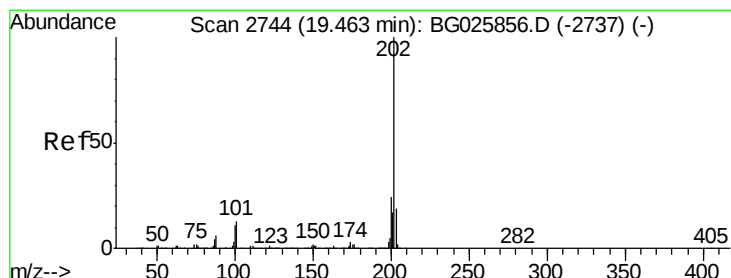
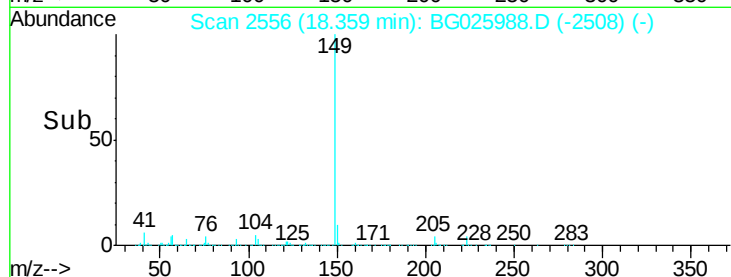
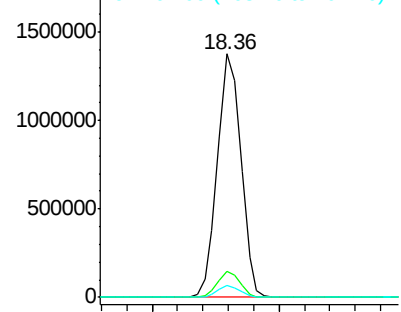
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.4	9.1	13.7
104	4.8	6.7	10.1

Manual Integrations
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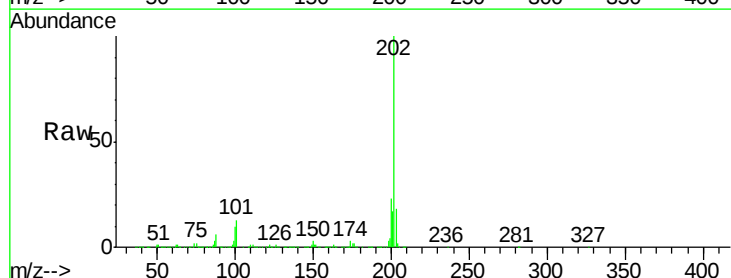


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

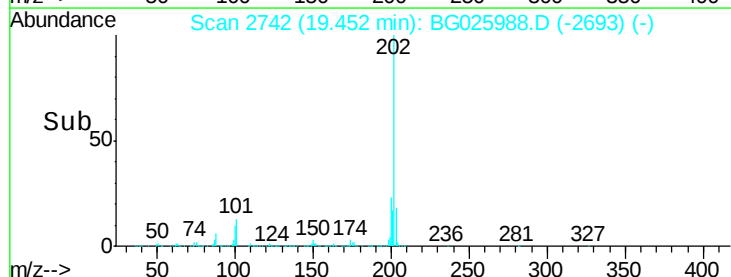
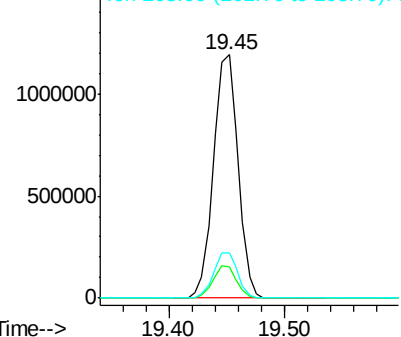


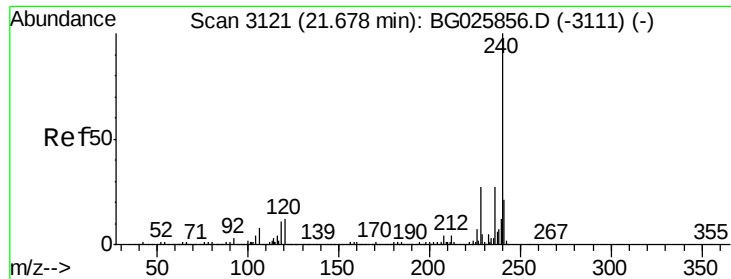
#74
Fluoranthene
Concen: 35.04 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.1
203	18.4	1.3	41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





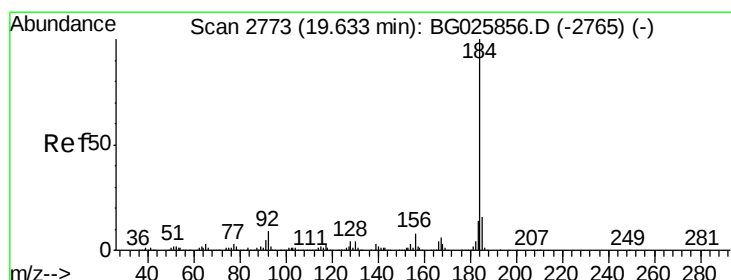
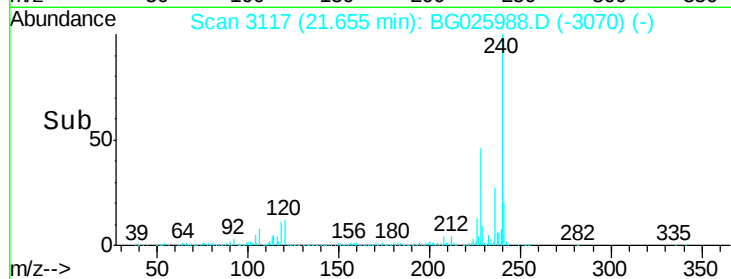
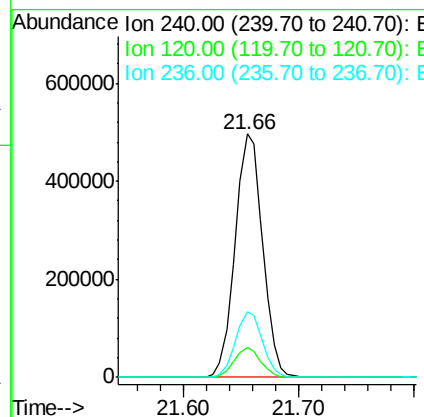
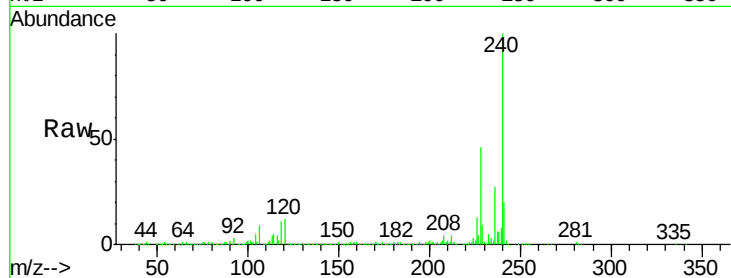
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.7	8.5#
236	26.9	22.2	33.4

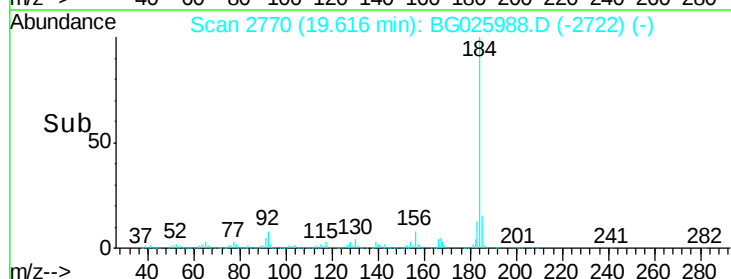
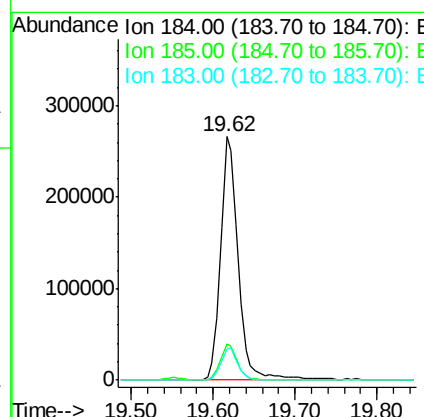
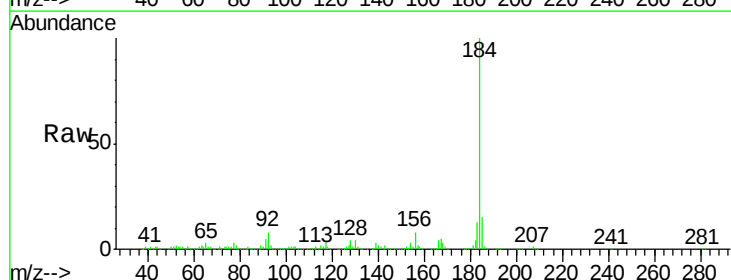
Manual Integrations
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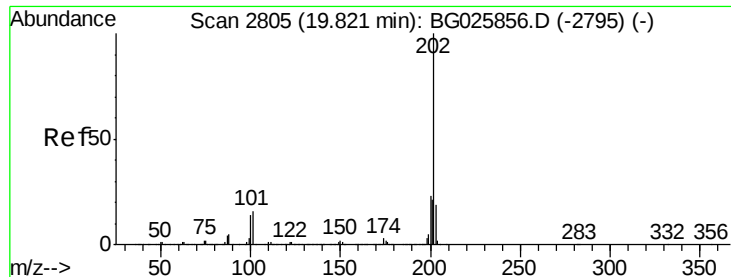
mohammad
3/1/2017 12:37:54 PM



#76
Benzidine
Concen: 15.58 ng
RT: 19.62 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.6
183	12.9	11.0	16.6





#77

Pvrene

Concen: 34.18 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

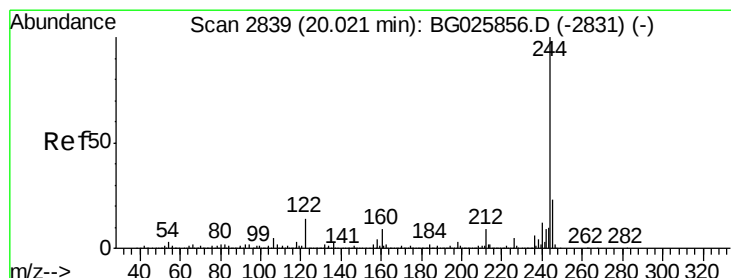
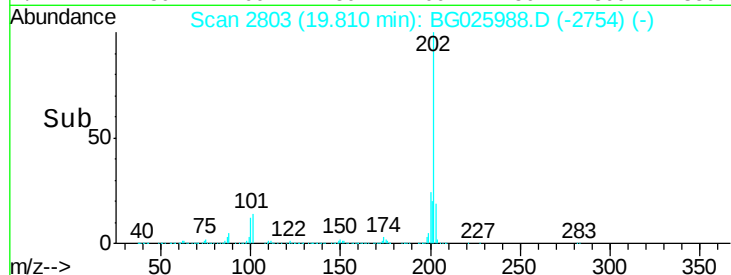
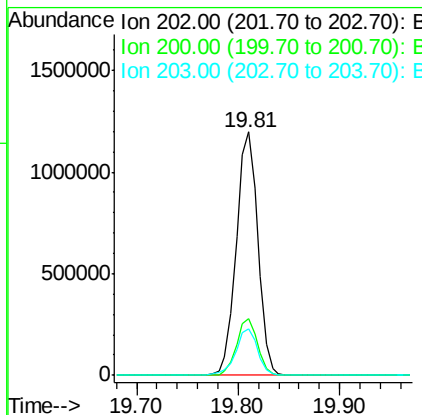
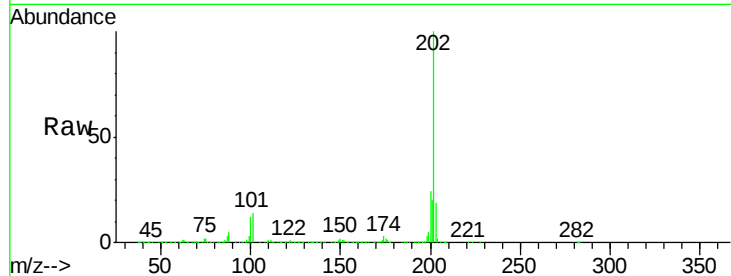
ClientSampleId :

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

Tot Ion:	202	Resp:	1765053
Ion Ratio	Lower	Upper	
202	100		
200	23.5	19.6	29.4
203	19.2	15.8	23.8

Manual Integrations
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mohammad
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#78

Terphenyl-d14

Concen: 65.91 ng

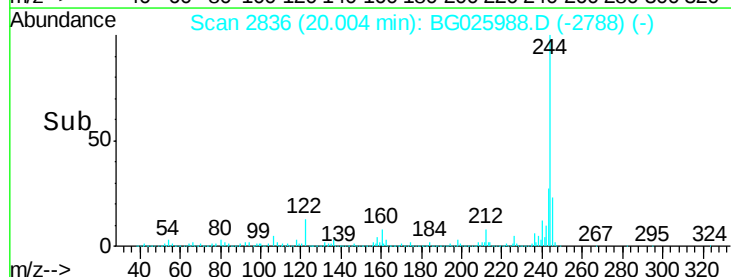
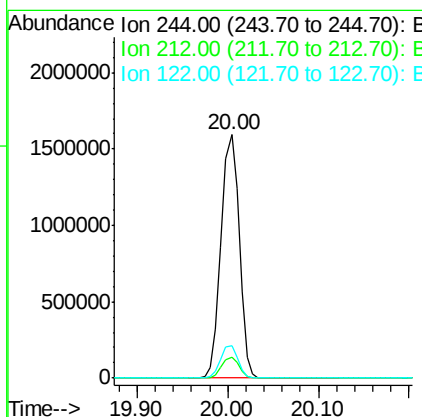
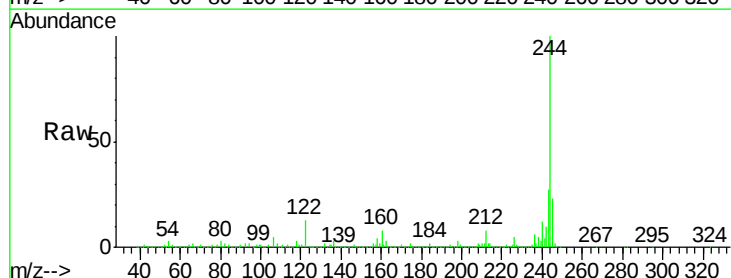
RT: 20.00 min Scan# 2836

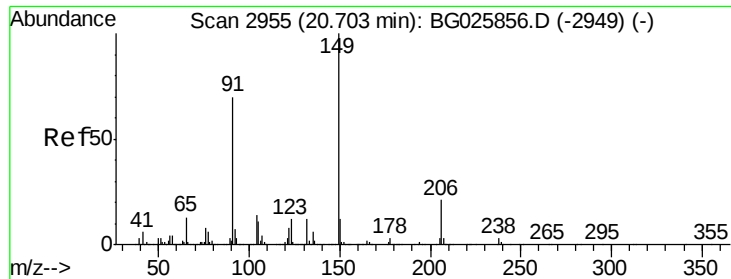
Delta R.T. -0.02 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion:	244	Resp:	2212866
Ion Ratio	Lower	Upper	
244	100		
212	8.4	10.0	15.0#
122	13.4	8.6	12.8#





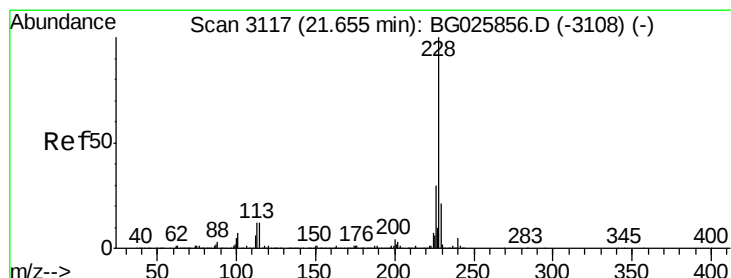
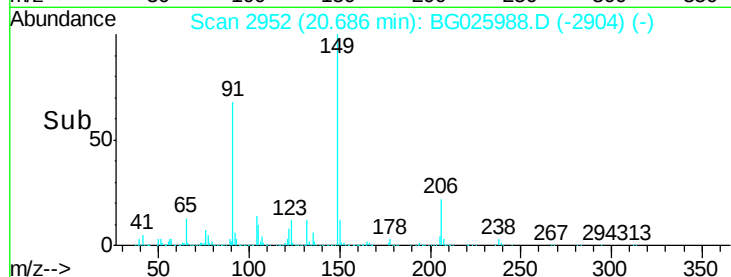
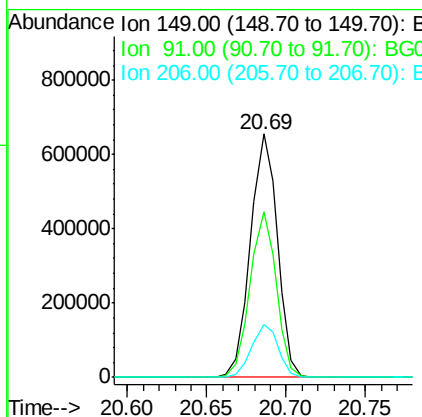
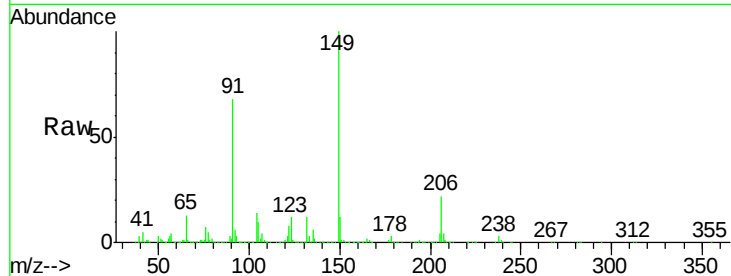
#79
Butylbenzylphthalate
Concen: 39.44 ng
RT: 20.69 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	63.5	95.3
206	21.7	21.0	31.6

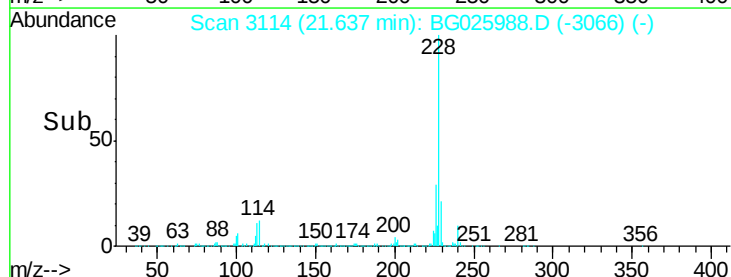
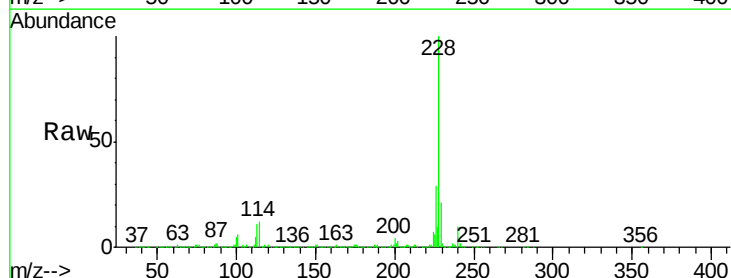
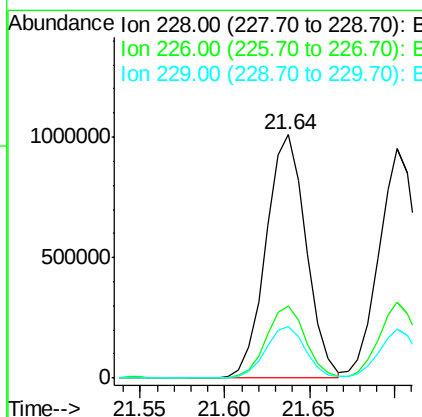
Manual Integrations
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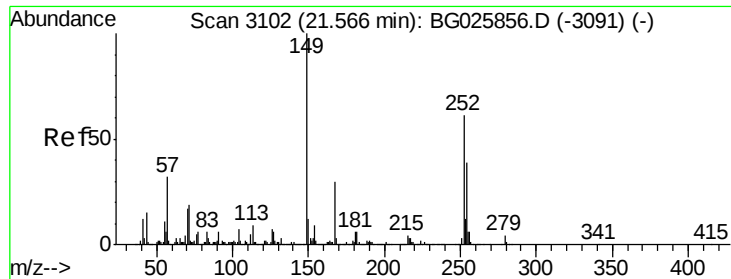
mohammad
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#80
Benzo(a)anthracene
Concen: 34.90 ng
RT: 21.64 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	21.0	18.2	27.2





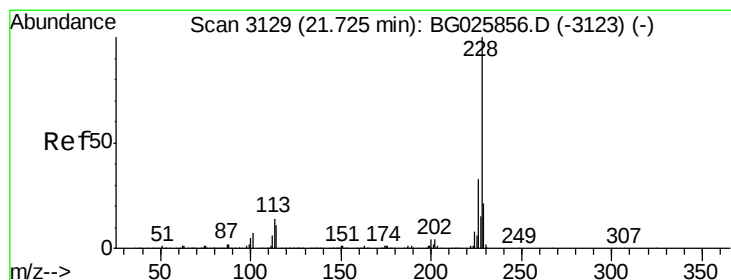
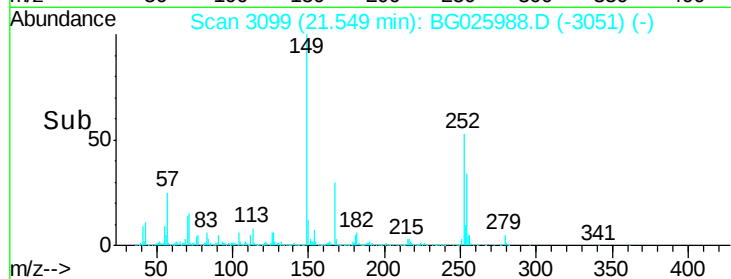
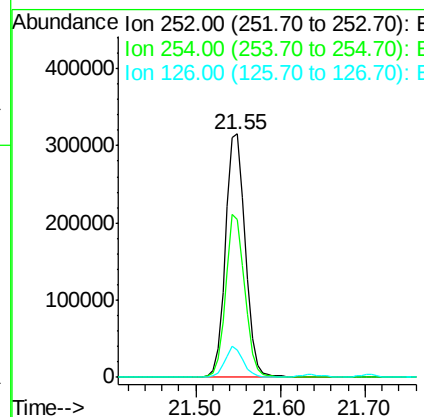
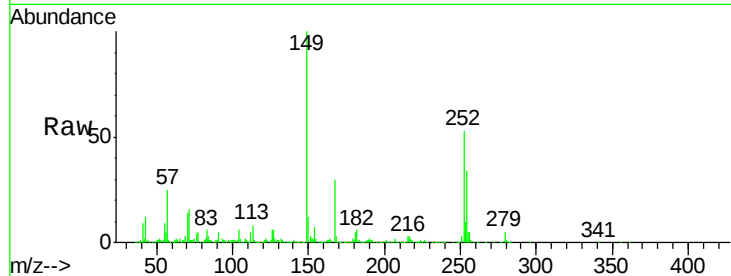
#81
 3,3'-Dichlorobenzidine
 Concen: 30.19 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.1	79.7
126	11.3	7.0	10.4

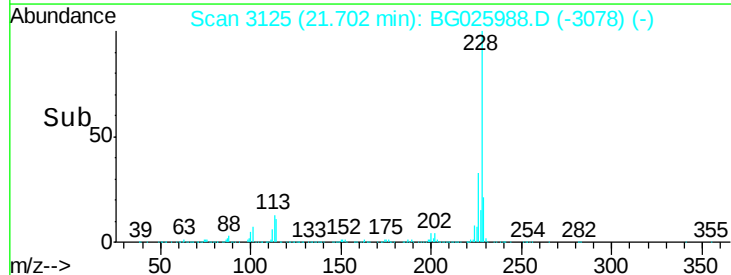
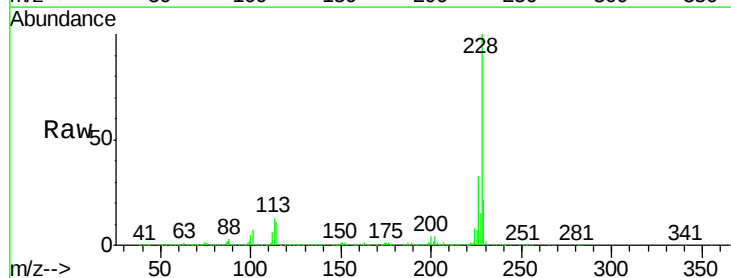
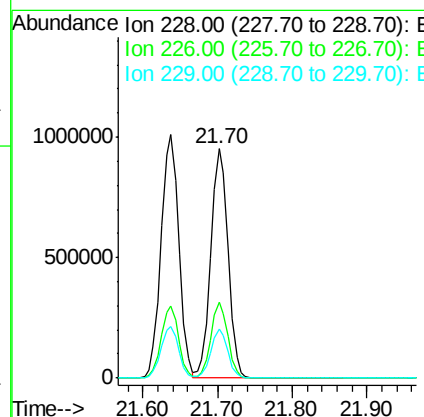
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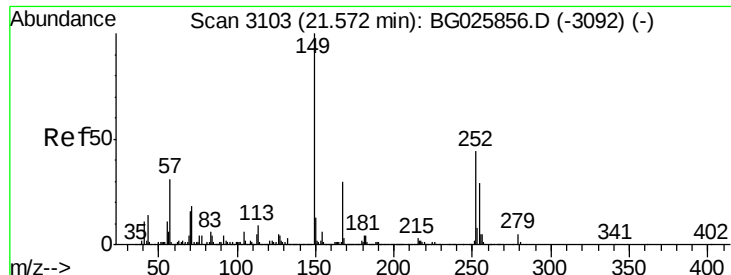
mohammad
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#82
 Chrysene
 Concen: 33.29 ng
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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





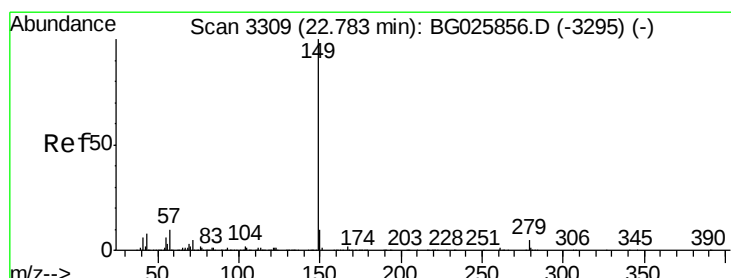
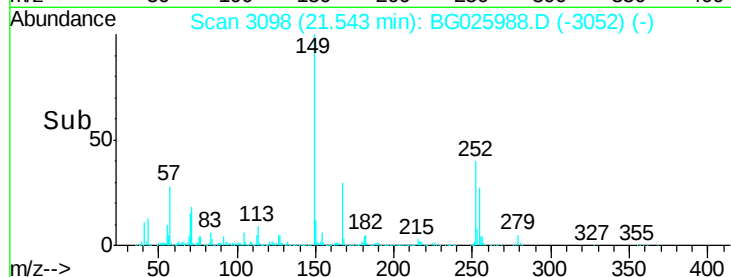
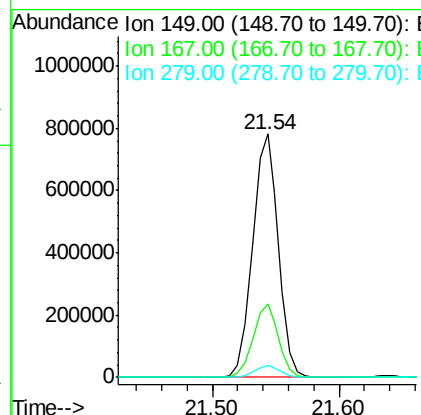
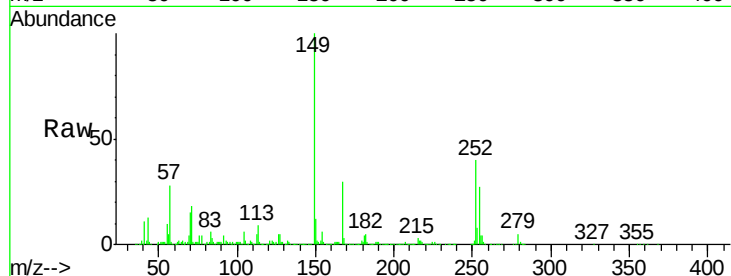
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.63 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion:149 Resp: 1093020
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 4.9 4.6 6.8

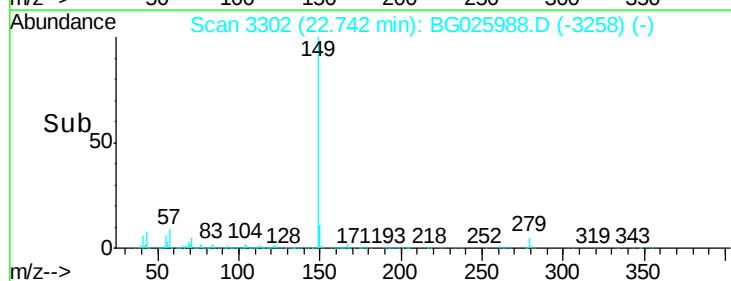
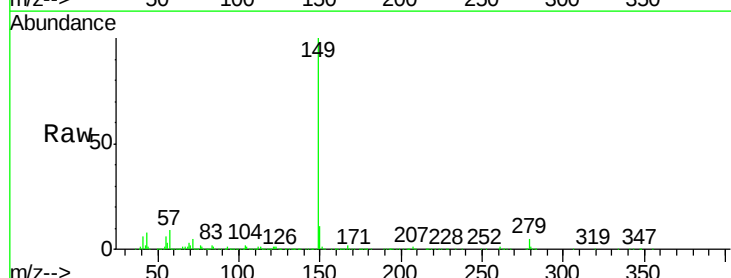
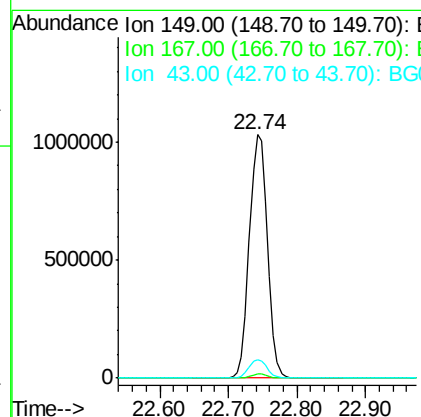
Manual Integrations
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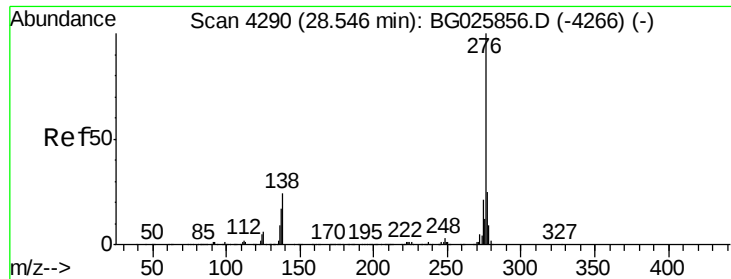
mohammad
 3/1/2017 12:37:54 PM



#84
 Di-n-octyl phthalate
 Concen: 40.46 ng
 RT: 22.74 min Scan# 3302
 Delta R.T. -0.04 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

Tgt Ion:149 Resp: 1890726
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.4 11.8 17.6#





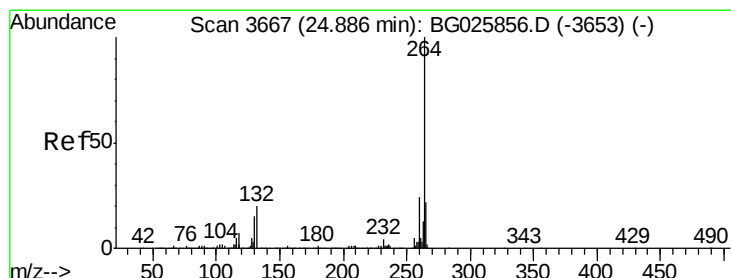
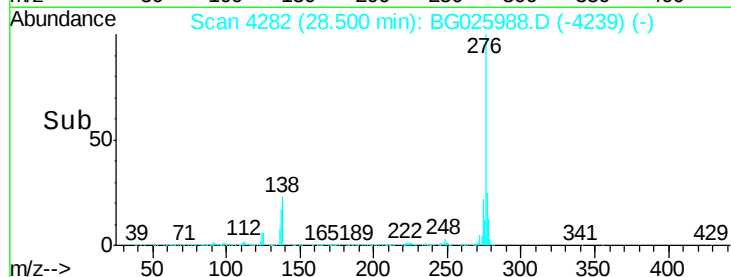
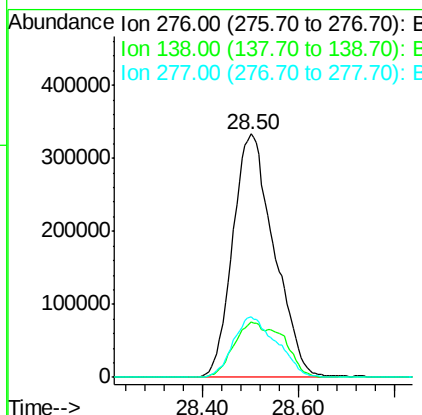
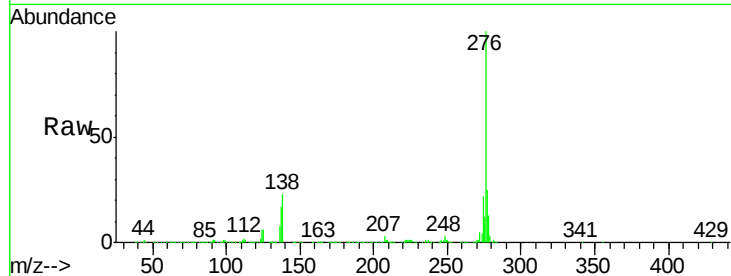
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.05 ng
RT: 28.50 min Scan# 4282
Delta R.T. -0.05 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion:276 Resp: 2000490
Ion Ratio Lower Upper
276 100
138 16.3 4.7 7.1#
277 26.1 20.6 31.0

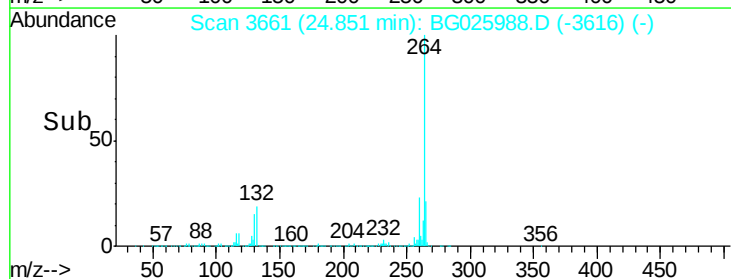
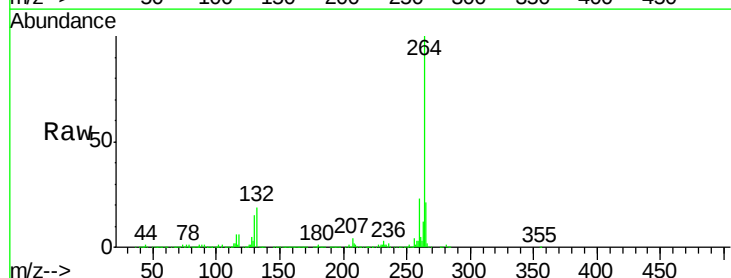
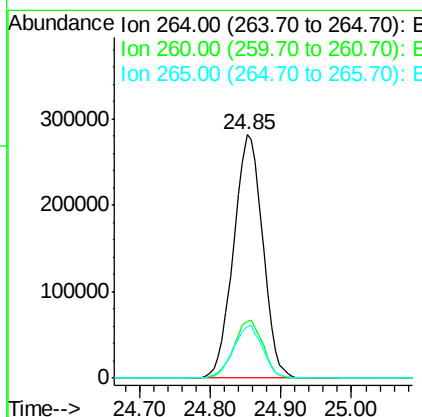
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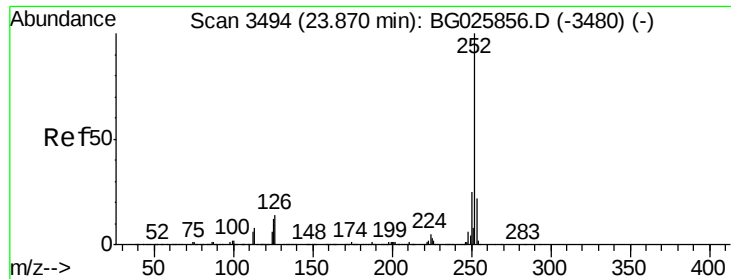
mohammad
3/1/2017 12:37:54 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3661
Delta R.T. -0.03 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion:264 Resp: 809193
Ion Ratio Lower Upper
264 100
260 23.3 21.8 32.8
265 21.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 35.89 ng

RT: 23.84 min Scan# 3489

Delta R.T. -0.03 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Instrument :

BNA_G

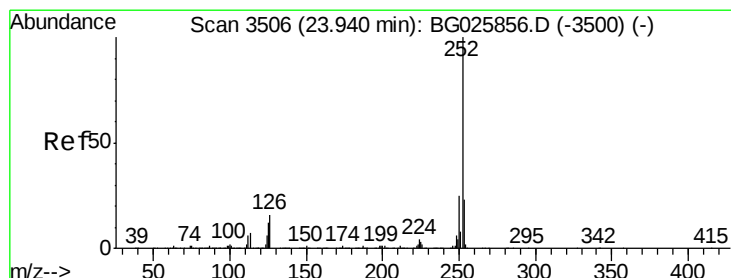
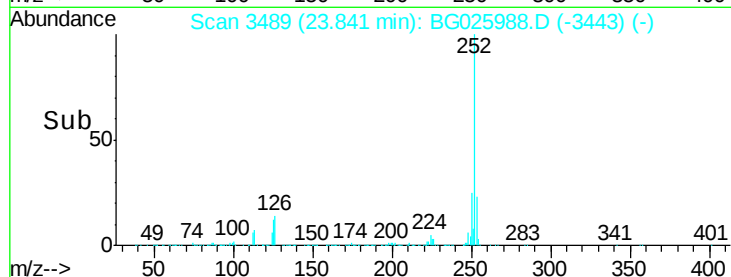
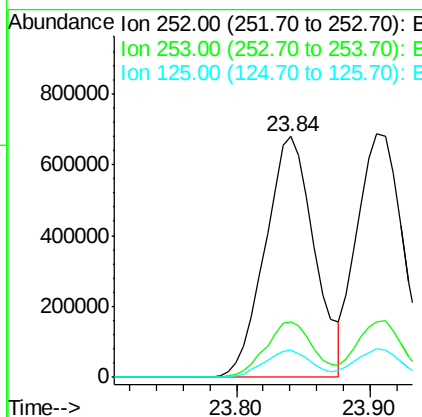
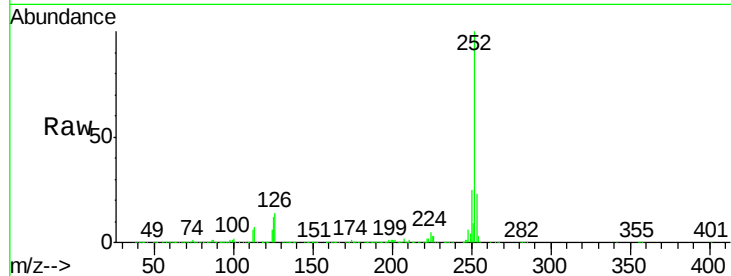
ClientSampleId :

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	11.6	5.3	7.9#

Manual Integrations
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3/1/2017 12:37:54 PM



#88

Benzo(k)fluoranthene

Concen: 34.44 ng

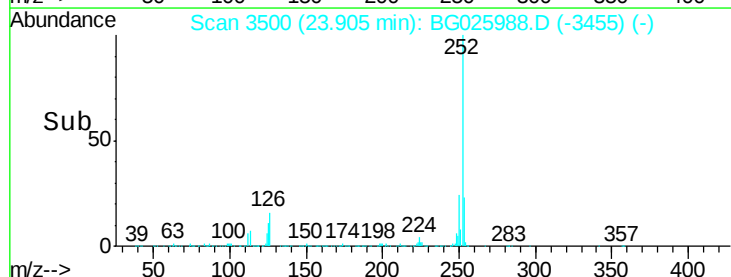
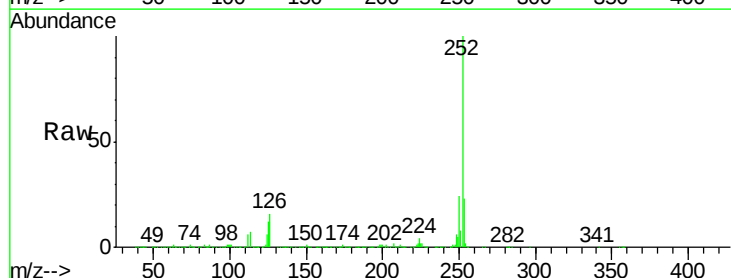
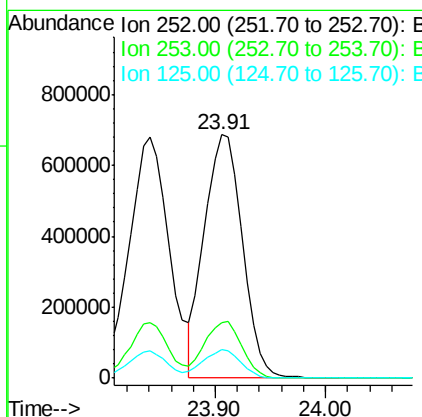
RT: 23.91 min Scan# 3500

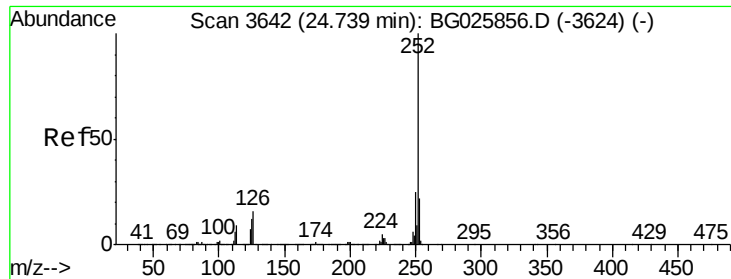
Delta R.T. -0.03 min

Lab File: BG025988.D

Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.2
125	11.5	5.1	7.7#





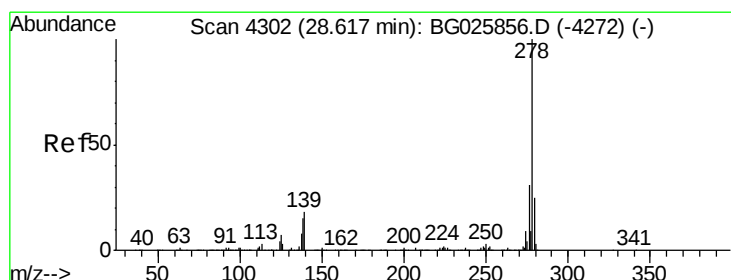
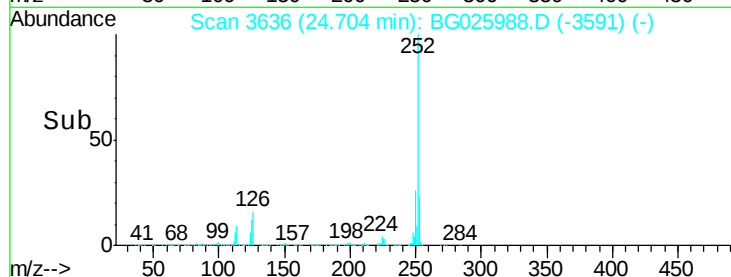
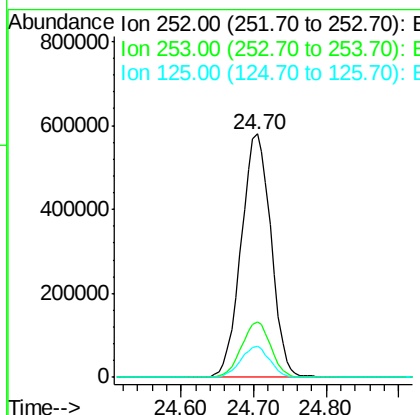
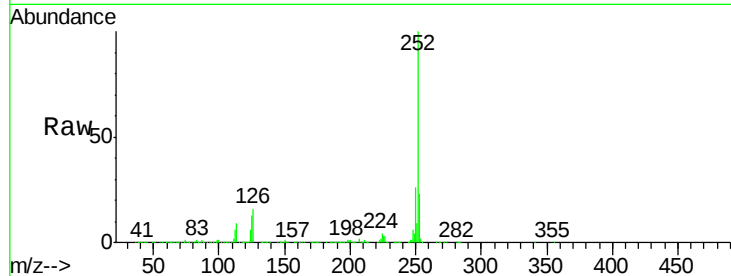
#89
Benzo(a)pyrene
Concen: 35.98 ng
RT: 24.70 min Scan# 3636
Delta R.T. -0.03 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.2	28.8
125	12.5	5.4	8.0

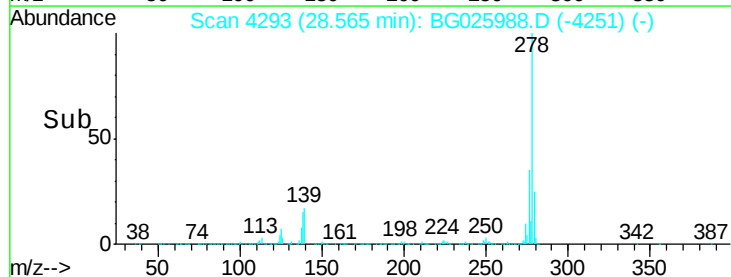
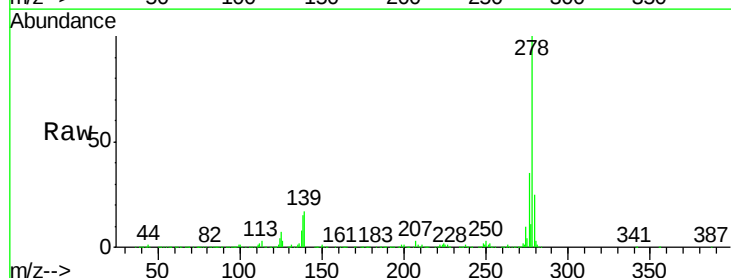
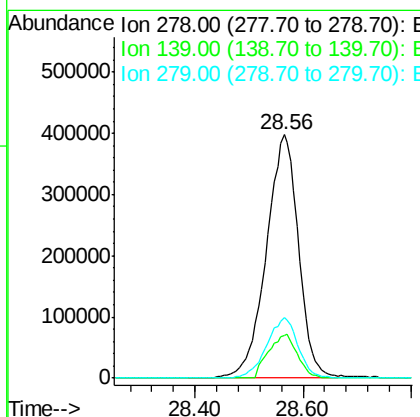
Manual Integrations
APPROVED

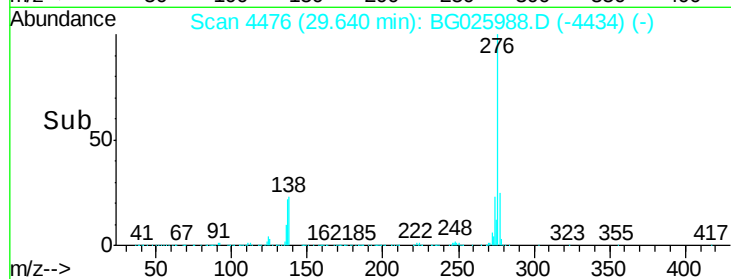
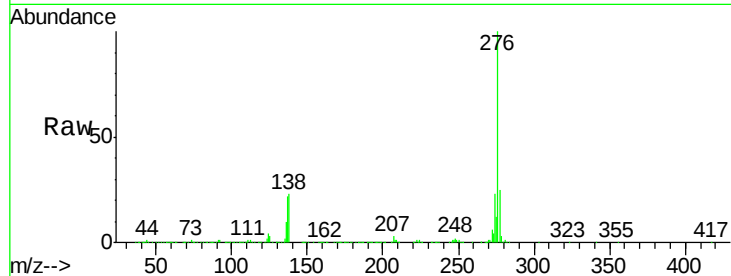
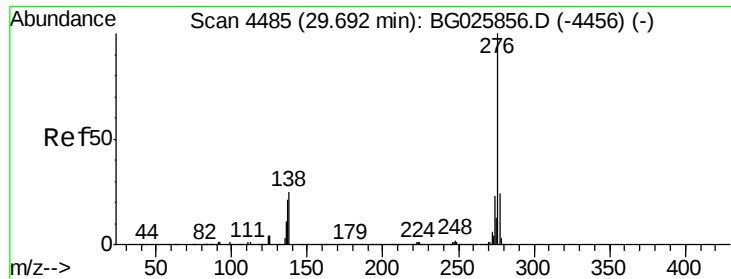
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 35.52 ng
RT: 28.56 min Scan# 4293
Delta R.T. -0.05 min
Lab File: BG025988.D
Acq: 28 Feb 2017 7:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	7.7	11.5
279	24.7	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 35.69 ng
 RT: 29.64 min Scan# 4476
 Delta R.T. -0.05 min
 Lab File: BG025988.D
 Acq: 28 Feb 2017 7:01

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	22.9	8.1	12.1

Manual Integrations
 APPROVED

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