

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM009986.D
 Acq On : 11 May 2017 16:06
 Operator : SJ/MA
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:00 PM

Quant Time: May 11 19:02:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 18:53:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	59517	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	253203	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	167297	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	425991	20.00	ng	0.00
75) Chrysene-d12	21.36	240	575958	20.00	ng	0.00
86) Perylene-d12	23.66	264	458278	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	75810	20.28	ng	0.00
7) Phenol-d6	6.95	99	112197	19.58	ng	0.00
23) Nitrobenzene-d5	8.93	82	131660	18.82	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	42714	18.69	ng	0.00
44) 2-Fluorobiphenyl	13.03	172	244768	19.06	ng	0.00
78) Terphenyl-d14	19.80	244	488364	17.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	13528	9.42	ng	# 100
3) Pyridine	3.69	79	47070	9.53	ng	# 93
4) n-Nitrosodimethylamine	3.60	42	27150	8.43	ng	# 54
6) Aniline	7.10	93	74320	9.81	ng	# 87
8) 2-Chlorophenol	7.33	128	37965	9.12	ng	# 64
9) Benzaldehyde	6.93	77	46238	10.16	ng	90
10) Phenol	6.97	94	62175	9.91	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	50625	10.14	ng	90
12) 1,3-Dichlorobenzene	7.65	146	41430	8.98	ng	# 80
13) 1,4-Dichlorobenzene	7.80	146	44188	9.29	ng	# 94
14) 1,2-Dichlorobenzene	8.11	146	42317	9.26	ng	# 92
15) Benzyl Alcohol	8.02	79	44524	8.39	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.29	45	77417	8.39	ng	94
17) 2-Methylphenol	8.22	107	40270	9.53	ng	# 89
18) Hexachloroethane	8.83	117	18526	8.79	ng	98
19) n-Nitroso-di-n-propylamine	8.57	70	47539	8.75	ng	# 88
20) 3+4-Methylphenols	8.55	107	52120	8.98	ng	92
22) Acetophenone	8.60	105	76719	9.68	ng	# 88
24) Nitrobenzene	8.98	77	73136	10.07	ng	# 88
25) Isophorone	9.49	82	112633	9.13	ng	# 84
26) 2-Nitrophenol	9.69	139	19622	8.35	ng	# 27
27) 2,4-Dimethylphenol	9.75	122	39657	9.38	ng	# 82
28) bis(2-Chloroethoxy)methane	9.97	93	70778	9.85	ng	94
29) 2,4-Dichlorophenol	10.23	162	38190	9.42	ng	95
30) 1,2,4-Trichlorobenzene	10.42	180	44863	9.47	ng	96
31) Naphthalene	10.61	128	135171	9.71	ng	99
32) Benzoic acid	9.87	122	20908m	7.53	ng	
33) 4-Chloroaniline	10.75	127	55269	9.41	ng	# 76
34) Hexachlorobutadiene	10.87	225	31056	9.42	ng	95
35) Caprolactam	11.53	113	13925	9.01	ng	# 91
36) 4-Chloro-3-methylphenol	11.87	107	50763	9.22	ng	86
37) 2-Methylnaphthalene	12.22	142	95857	9.75	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	56229	9.34	ng	# 100
40) Hexachlorocyclopentadiene	12.56	237	1288	1.05	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	36419	9.36	nq	97
43) 2,4,5-Trichlorophenol	12.94	196	38157	9.12	nq	# 87
45) 1,1'-Biphenyl	13.25	154	136513	9.58	nq	90
46) 2-Chloronaphthalene	13.29	162	105756	9.39	nq	97
47) 2-Nitroaniline	13.52	65	46208	8.50	nq	# 68
48) Acenaphthylene	14.14	152	165252	9.35	nq	99
49) Dimethylphthalate	13.87	163	144668	9.08	nq	98
50) 2,6-Dinitrotoluene	14.01	165	28761	9.25	nq	# 60
51) Acenaphthene	14.48	154	108935	9.99	nq	95
52) 3-Nitroaniline	14.36	138	29047	8.64	nq	# 48
53) 2,4-Dinitrophenol	14.60	184	5325	3.72	nq	94
54) Dibenzofuran	14.82	168	162356	9.74	nq	96
55) 4-Nitrophenol	14.70	139	17542	7.76	nq	# 11
56) 2,4-Dinitrotoluene	14.82	165	38904	8.61	nq	# 65
57) Fluorene	15.47	166	136241	9.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.06	232	31761	9.91	nq	# 100
59) Diethylphthalate	15.24	149	149032	8.75	nq	97
60) 4-Chlorophenyl-phenylether	15.46	204	75943	9.73	nq	99
61) 4-Nitroaniline	15.53	138	29890	8.87	nq	# 15
62) Azobenzene	15.76	77	181066	9.55	nq	85
64) 4,6-Dinitro-2-methylphenol	15.59	198	17280	6.53	nq	97
65) n-Nitrosodiphenylamine	15.68	169	127872	9.47	nq	99
66) 4-Bromophenyl-phenylether	16.36	248	46793	9.39	nq	# 92
67) Hexachlorobenzene	16.47	284	52956	9.33	nq	# 86
68) Atrazine	16.63	200	44764	8.66	nq	94
69) Pentachlorophenol	16.83	266	17362	8.08	nq	90
70) Phenanthrene	17.22	178	231600	9.39	nq	98
71) Anthracene	17.31	178	233952	9.41	nq	99
72) Carbazole	17.59	167	214886	9.53	nq	94
73) Di-n-butylphthalate	18.13	149	262285	8.10	nq	# 97
74) Fluoranthene	19.23	202	304419	9.78	nq	97
76) Benzidine	19.43	184	133863	7.70	nq	97
77) Pyrene	19.60	202	314844	9.15	nq	99
79) Butylbenzylphthalate	20.49	149	124085	7.48	nq	# 66
80) Benzo(a)anthracene	21.34	228	322007	9.28	nq	99
81) 3,3'-Dichlorobenzidine	21.29	252	115605	8.39	nq	98
82) Chrysene	21.40	228	307816	9.44	nq	98
83) Bis(2-ethylhexyl)phthalate	21.25	149	191104	7.49	nq	96
84) Di-n-octyl phthalate	22.14	149	329083	7.43	nq	# 86
85) Indeno(1,2,3-cd)pyrene	25.99	276	249308	6.78	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	293778	10.06	nq	# 93
88) Benzo(k)fluoranthene	23.01	252	276860	9.75	nq	98
89) Benzo(a)pyrene	23.56	252	255843	9.34	nq	98
90) Dibenzo(a,h)anthracene	26.00	278	222669	8.10	nq	97
91) Benzo(g,h,i)perylene	26.71	276	209396	8.12	nq	# 91

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

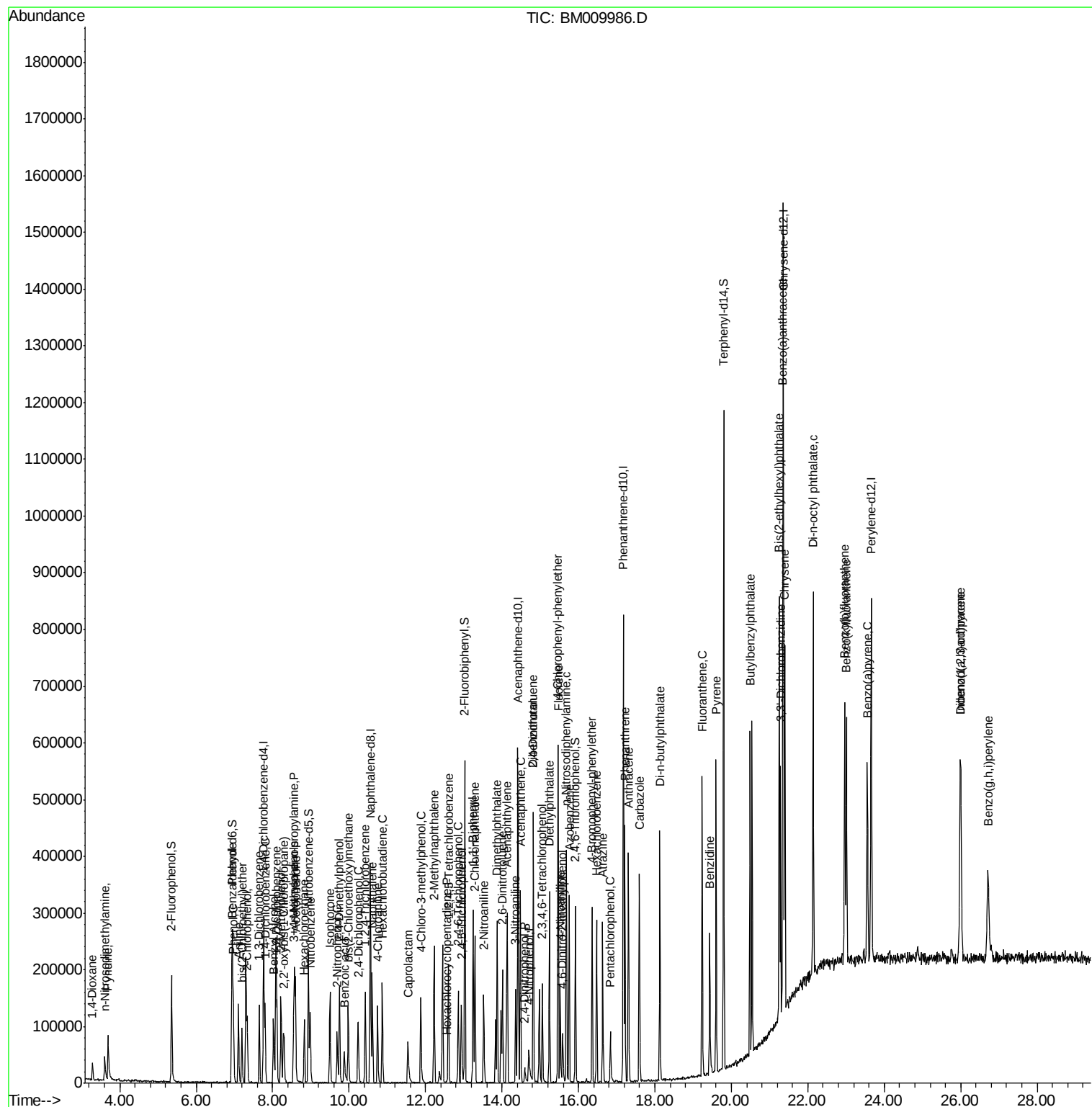
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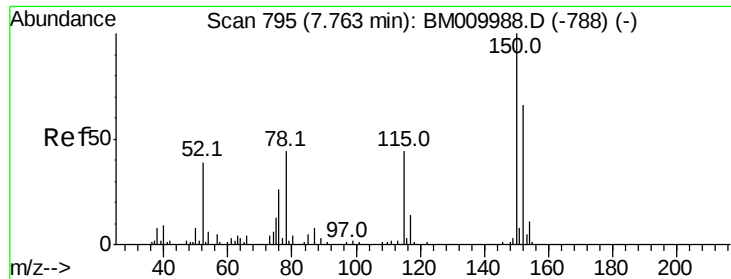
Instrument :
BNA_M
Client Sample Id :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

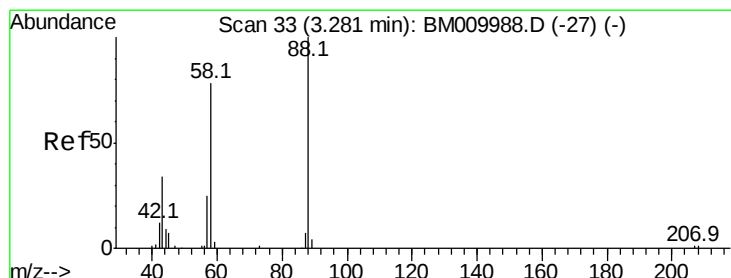
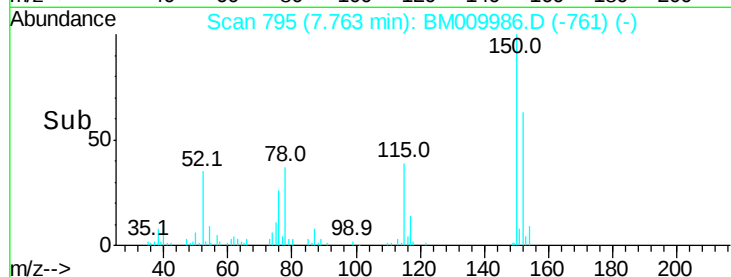
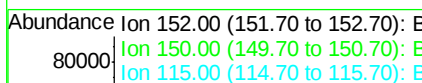
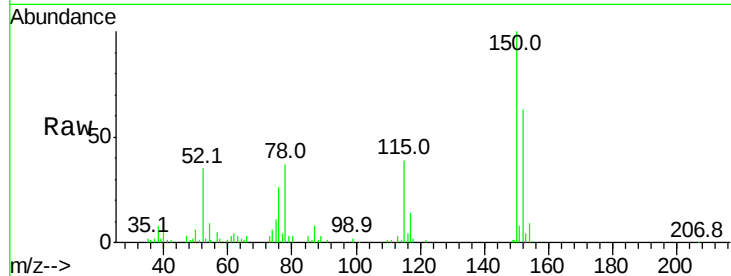
ClientSampleId :

SSTDIC010

Tot Ion:	152	Resp:	59517
Ion Ratio	Lower	Upper	
152	100		
150	157.8	119.5	179.3
115	62.0	43.0	64.4

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#2

1,4-Dioxane

Concen: 9.42 ng

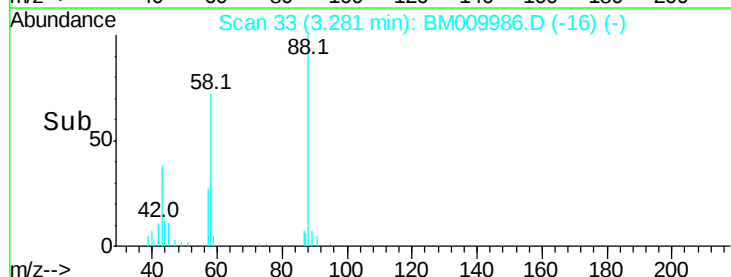
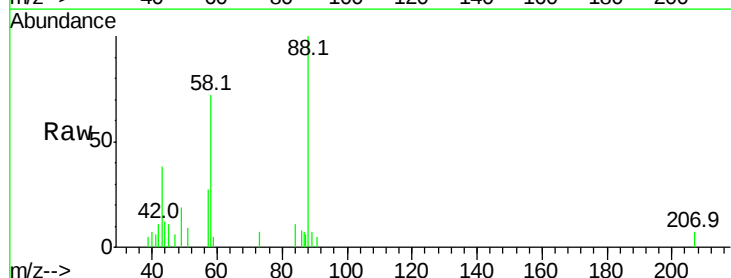
RT: 3.28 min Scan# 33

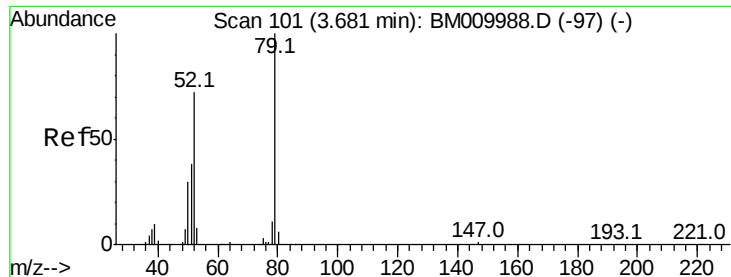
Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion:	88	Resp:	13528
Ion Ratio	Lower	Upper	
88	100		
58	78.3	0.0	0.0#
43	39.3	0.0	0.0#





#3

Pvridine

Concen: 9.53 ng

RT: 3.69 min Scan# 103

Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

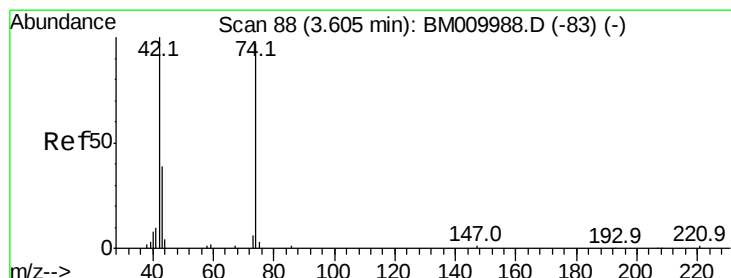
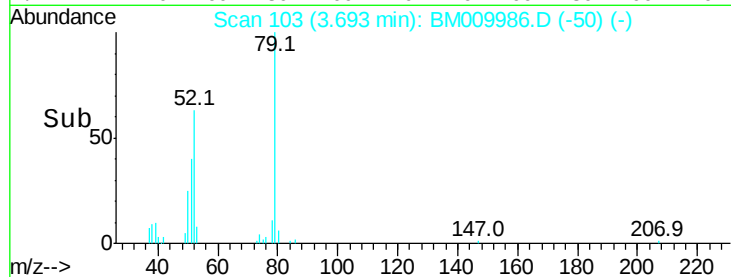
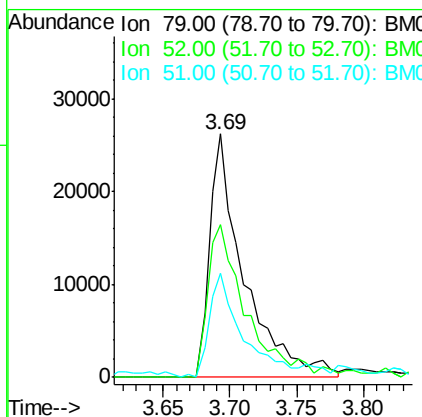
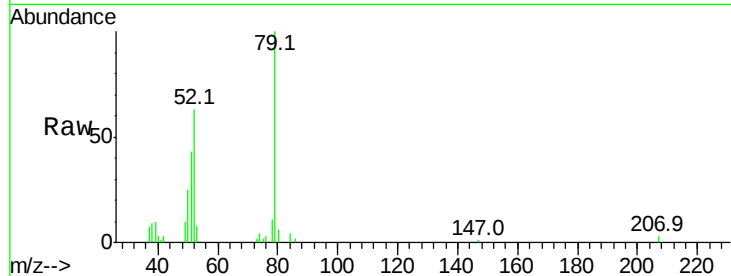
ClientSampleId :

SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		47070		
52	62.8	51.1	76.7		
51	42.7	26.1	39.1#		

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#4

n-Nitrosodimethylamine

Concen: 8.43 ng

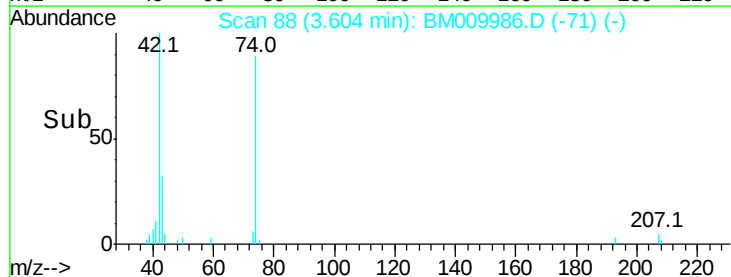
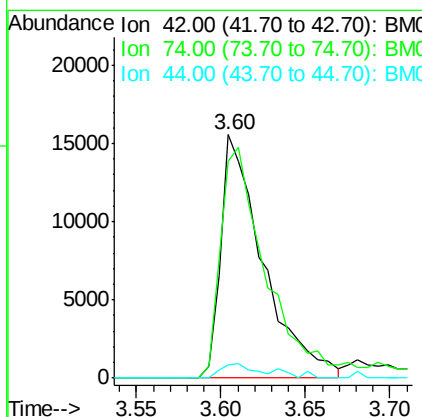
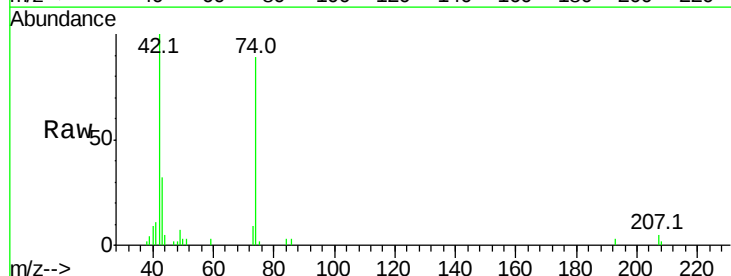
RT: 3.60 min Scan# 88

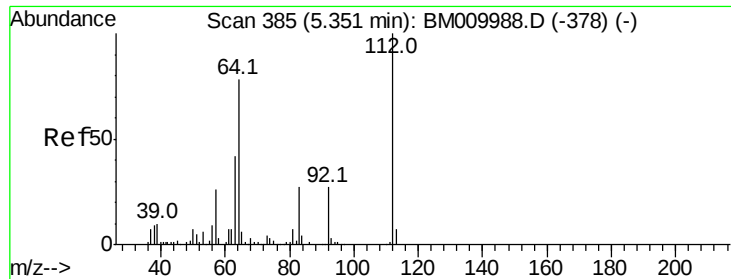
Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		27150		
74	89.1	119.3	178.9#		
44	5.3	5.4	8.2#		





#5

2-Fluorophenol

Concen: 20.28 ng

RT: 5.36 min Scan# 386

Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

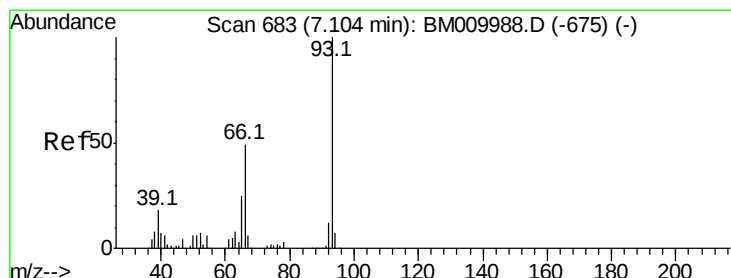
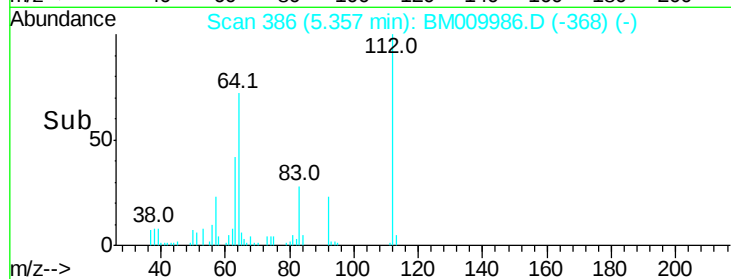
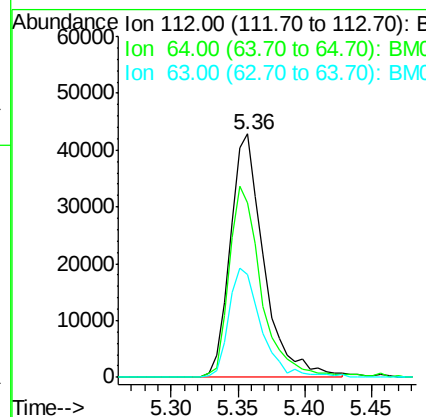
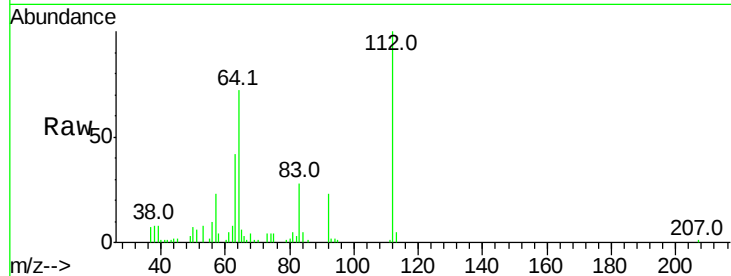
ClientSampleId :

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Tot Ion:	112	Resp:	75810
Ion Ratio	Lower	Upper	
112	100		
64	71.8	38.6	57.8#
63	42.1	19.3	28.9#

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#6

Aniline

Concen: 9.81 ng

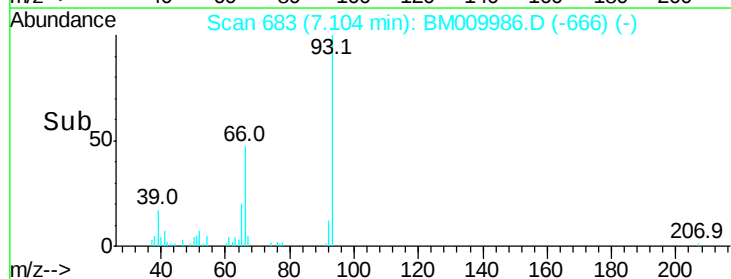
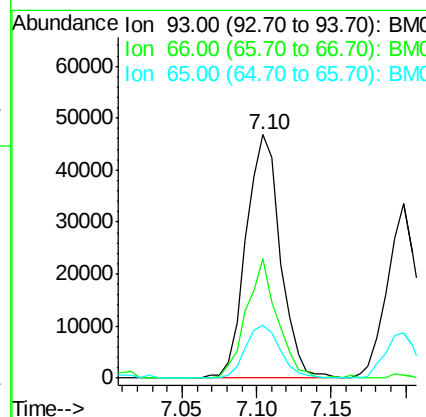
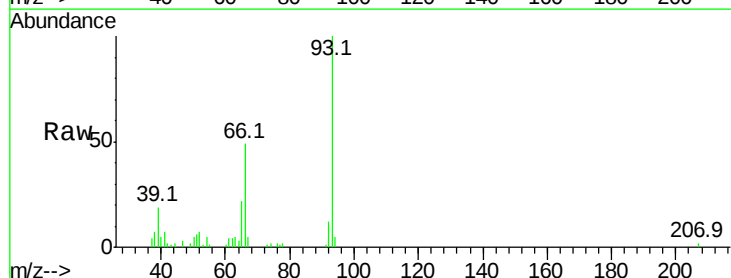
RT: 7.10 min Scan# 683

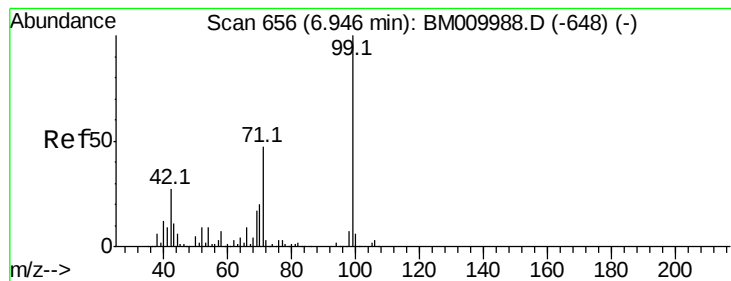
Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion:	93	Resp:	74320
Ion Ratio	Lower	Upper	
93	100		
66	48.8	30.8	46.2#
65	21.8	16.0	24.0





#7

Phenol-d6

Concen: 19.58 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tot Ion: 99 Resp: 112197
Ion Ratio Lower Upper

99 100

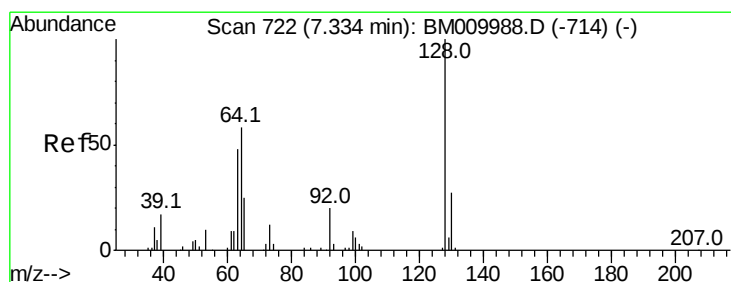
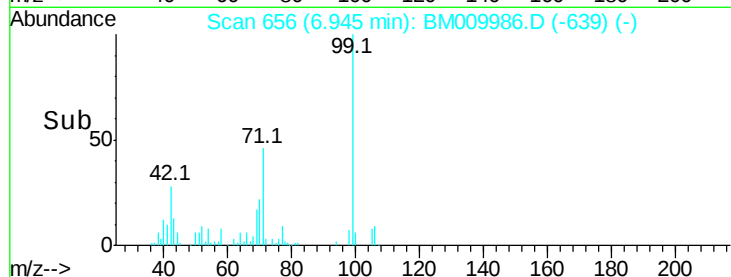
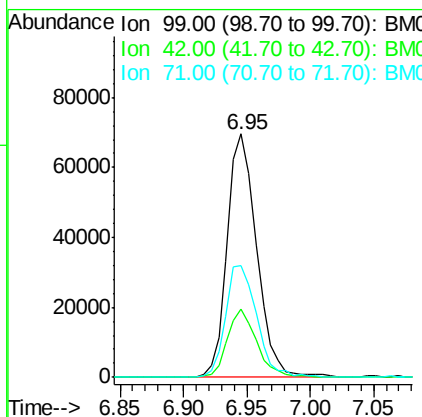
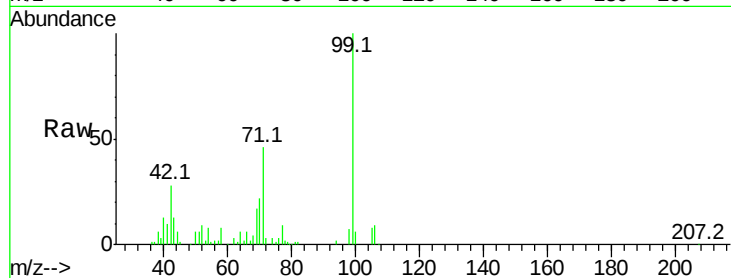
42 27.8 11.0 16.4#

71 46.0 23.4 35.2#

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#8

2-Chlorophenol

Concen: 9.12 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM009986.D

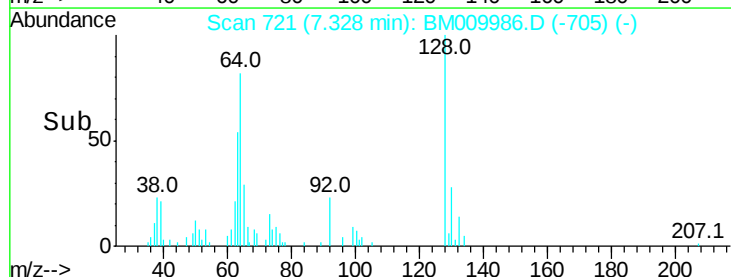
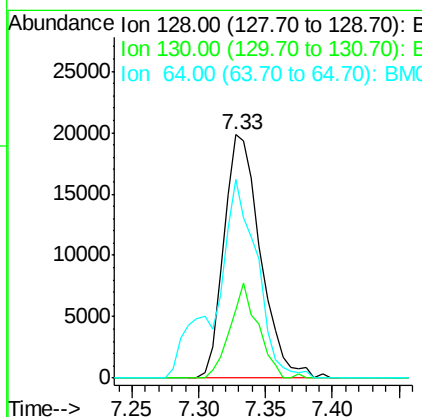
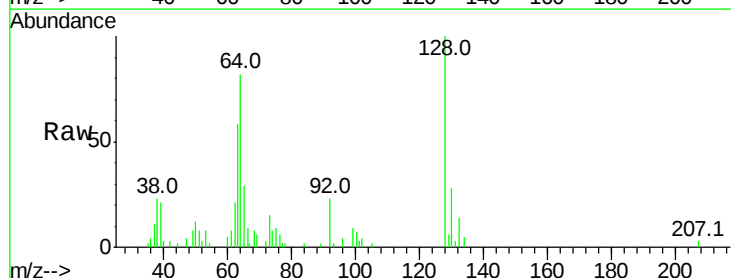
Acq: 11 May 2017 16:06

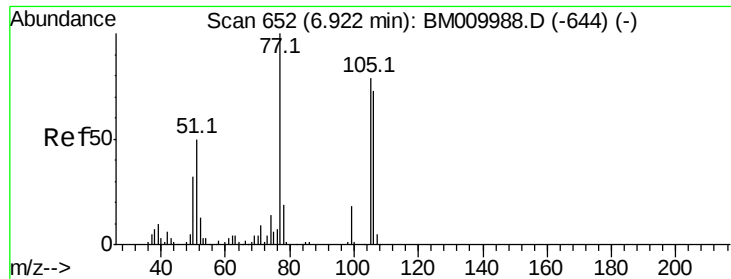
Tgt Ion: 128 Resp: 37965
Ion Ratio Lower Upper

128 100

130 28.3 12.0 52.0

64 81.6 24.9 64.9#





#9

Benzaldehyde

Concen: 10.16 ng

RT: 6.93 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM009986.D

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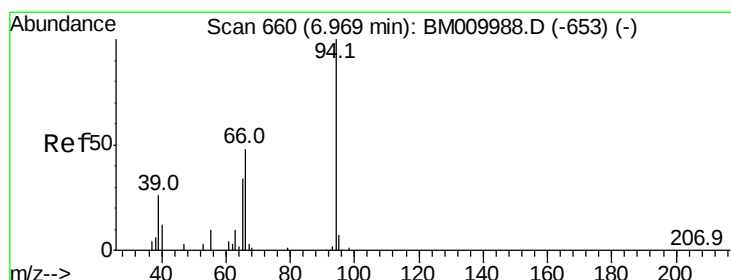
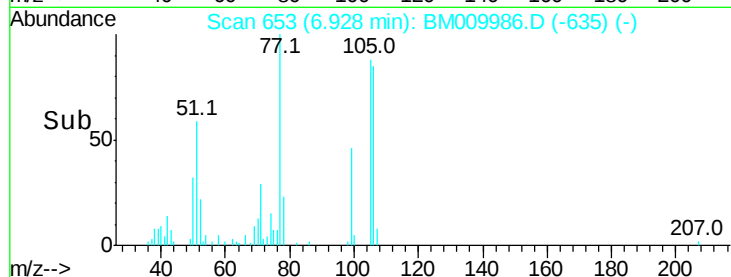
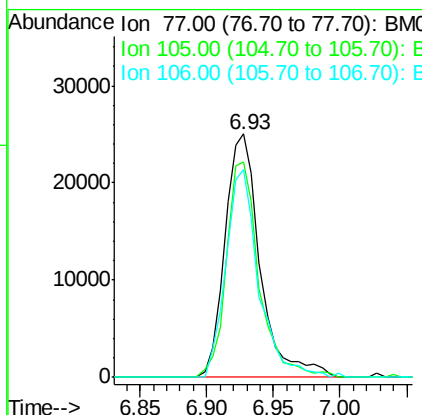
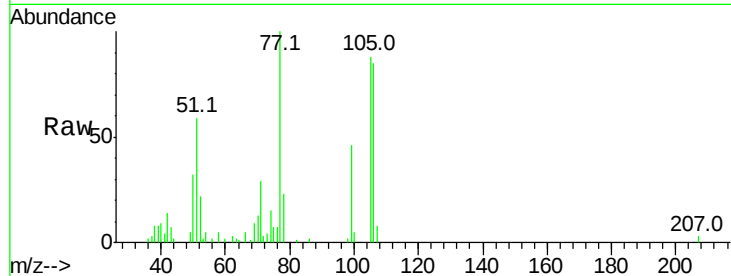
ClientSampleId :

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Tot Ion:	77	Resp:	46238
Ion	Ratio	Lower	Upper
77	100		
105	88.3	78.8	118.8
106	85.4	73.7	113.7

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#10

Phenol

Concen: 9.91 ng

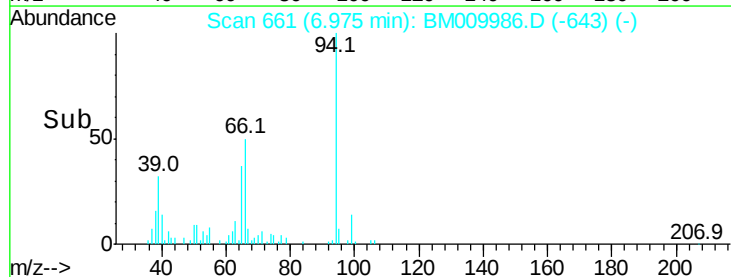
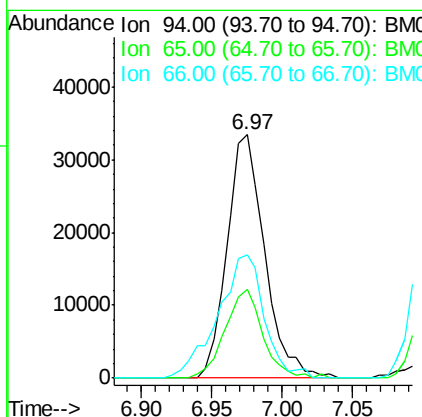
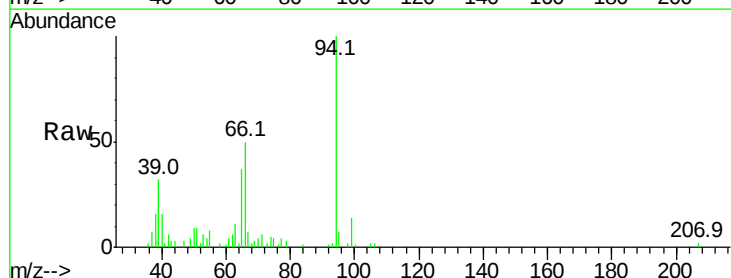
RT: 6.97 min Scan# 661

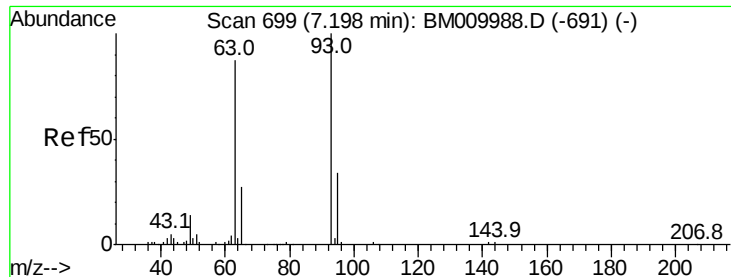
Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion:	94	Resp:	62175
Ion	Ratio	Lower	Upper
94	100		
65	36.7	18.8	58.8
66	50.4	39.9	79.9





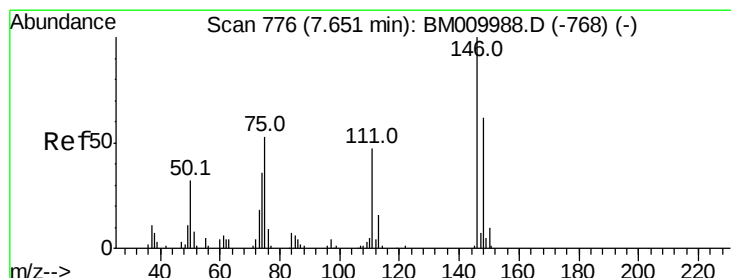
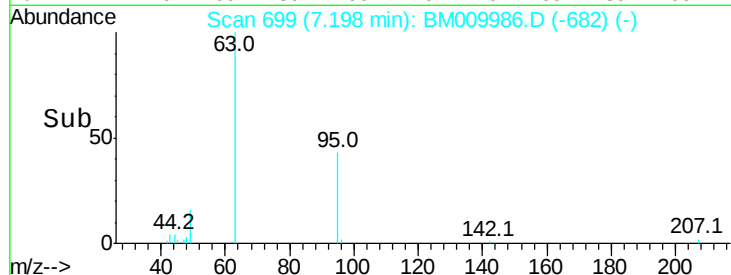
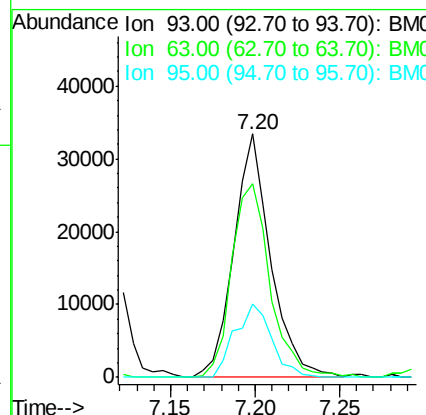
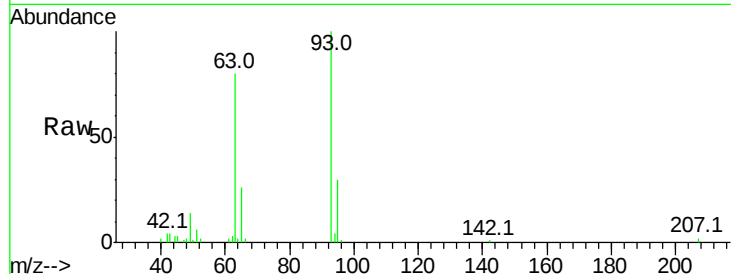
#11
bis(2-Chloroethyl)ether
Concen: 10.14 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	93	Resp:	50625
Ion Ratio	100	Lower	Upper
93	100		
63	79.6	49.5	89.5
95	30.2	13.5	53.5

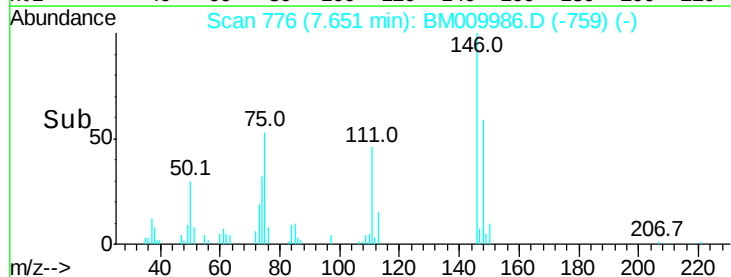
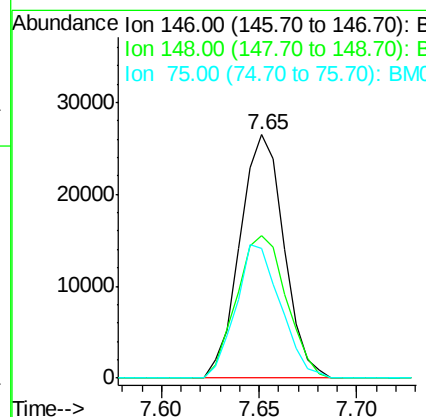
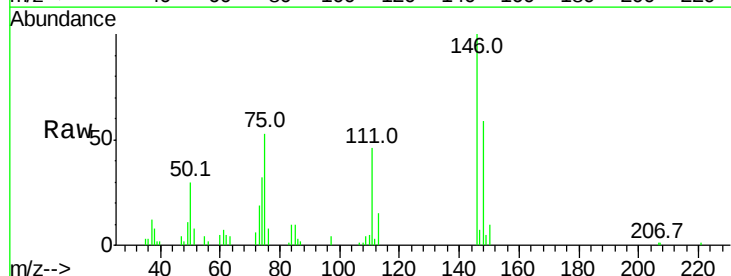
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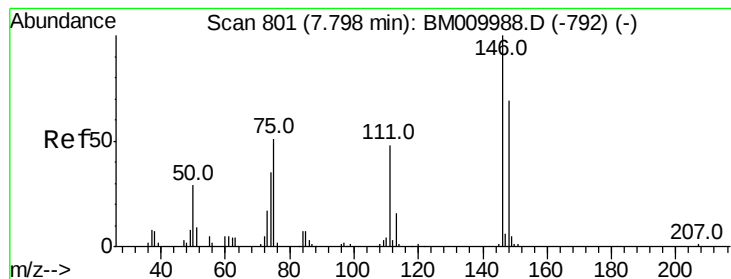
mohammad
5/12/2017 4:30:00 PM



#12
1,3-Dichlorobenzene
Concen: 8.98 ng
RT: 7.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	146	Resp:	41430
Ion Ratio	100	Lower	Upper
146	100		
148	58.6	50.9	76.3
75	53.0	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 9.29 ng

RT: 7.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

Tot Ion:146 Resp: 44188

Ion Ratio Lower Upper

146 100

148 66.7 51.9 77.9

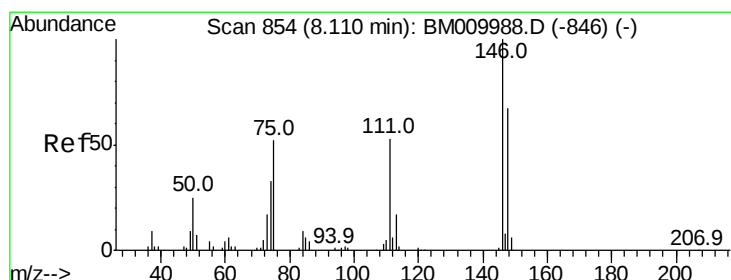
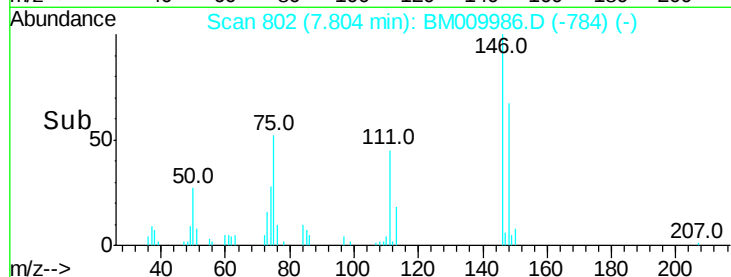
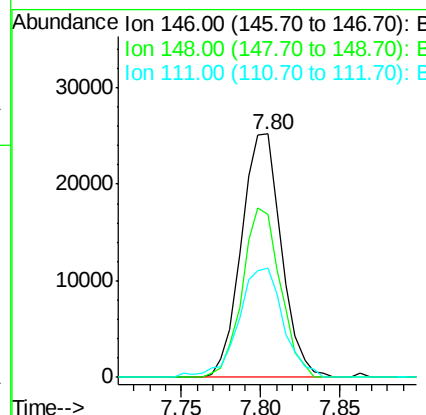
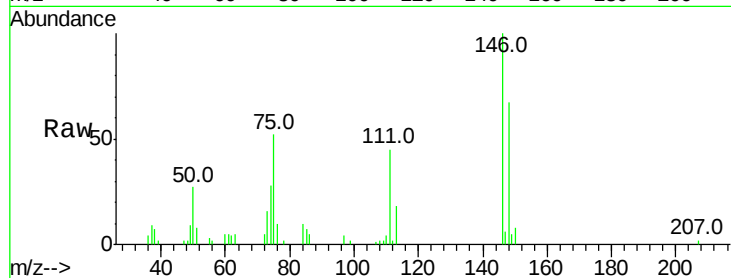
111 44.7 29.2 43.8#

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#14

1,2-Dichlorobenzene

Concen: 9.26 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

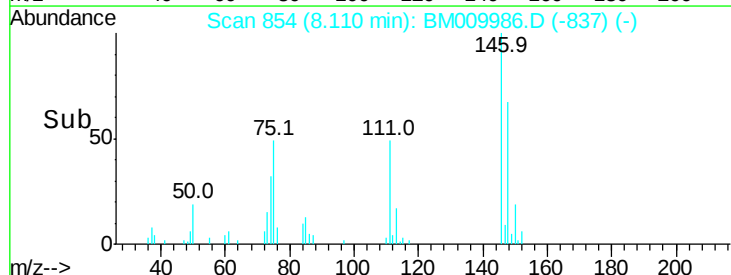
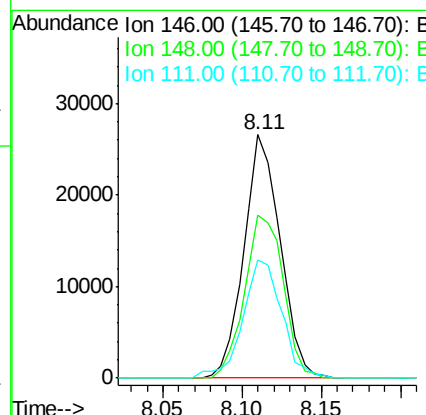
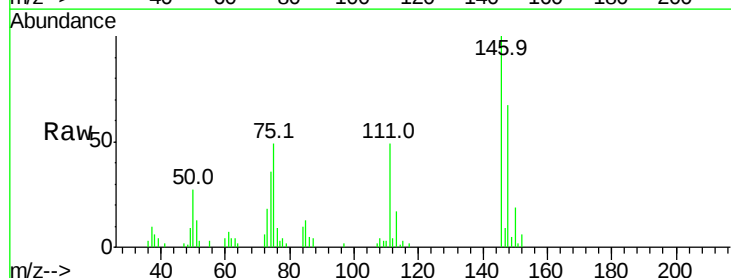
Tgt Ion:146 Resp: 42317

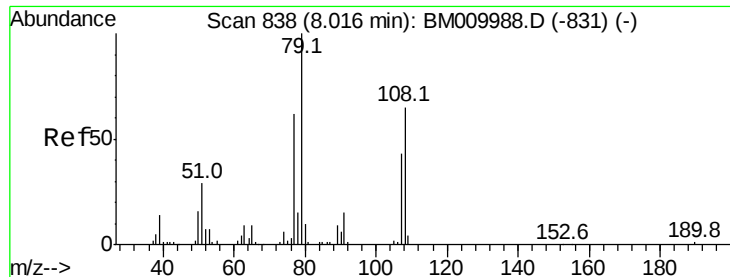
Ion Ratio Lower Upper

146 100

148 67.1 52.3 78.5

111 48.6 30.6 45.8#





#15

Benzyl Alcohol

Concen: 8.39 ng

RT: 8.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

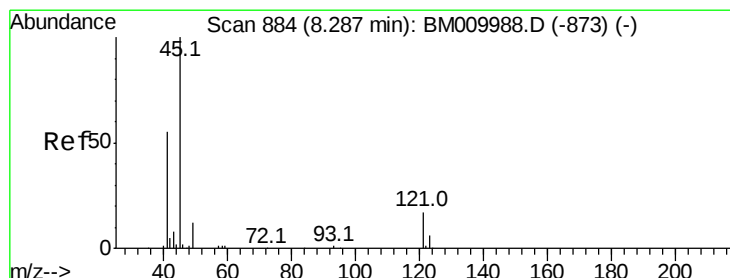
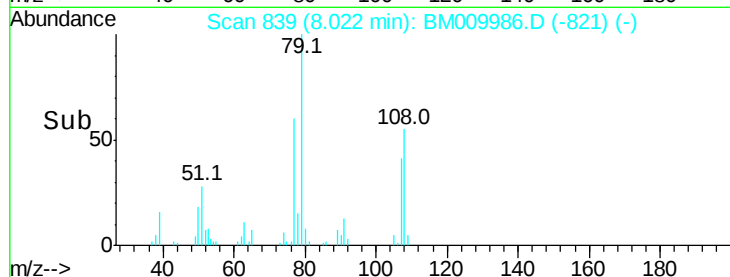
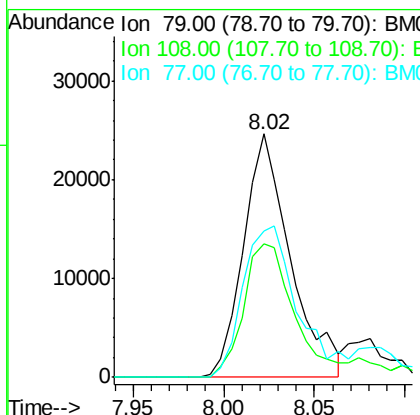
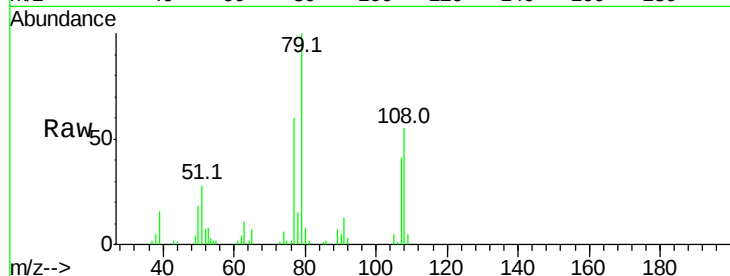
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	44524
Ion	Ratio	Lower	Upper
79	100		
108	55.1	65.0	97.4#
77	60.3	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.39 ng

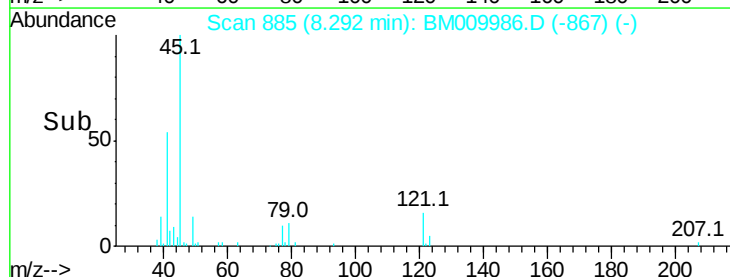
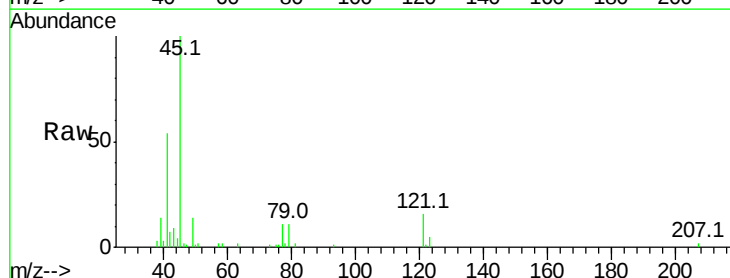
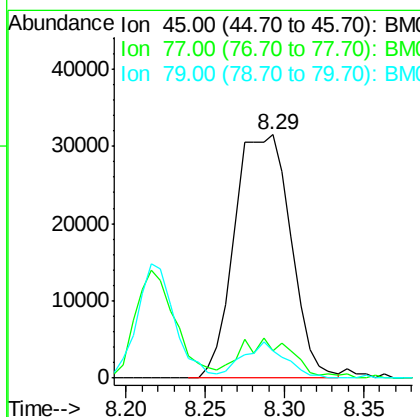
RT: 8.29 min Scan# 885

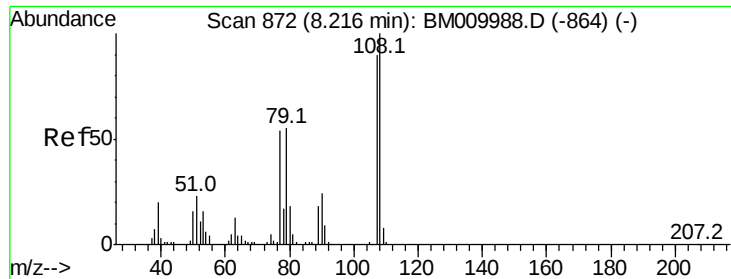
Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion:	45	Resp:	77417
Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	35.2
79	11.1	0.0	32.0





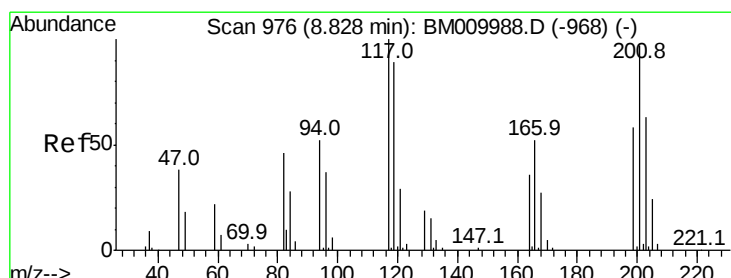
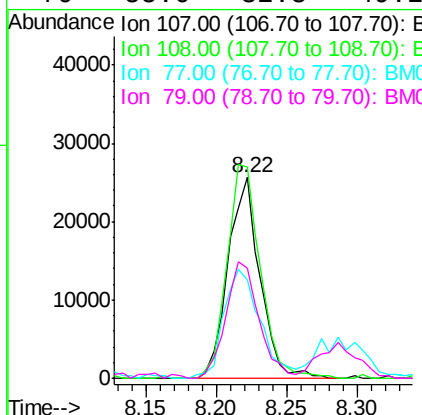
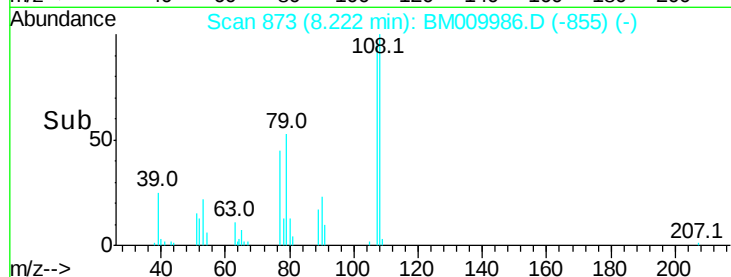
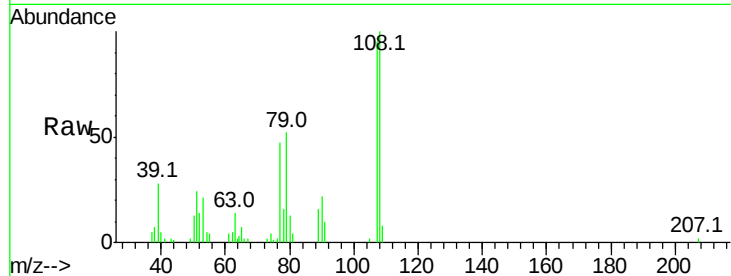
#17
2-Methylphenol
Concen: 9.53 ng
RT: 8.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	105.5	89.8	134.8
77	49.1	32.6	48.8#
79	55.0	32.8	49.2#

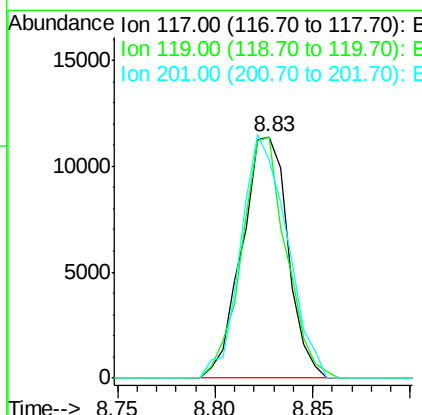
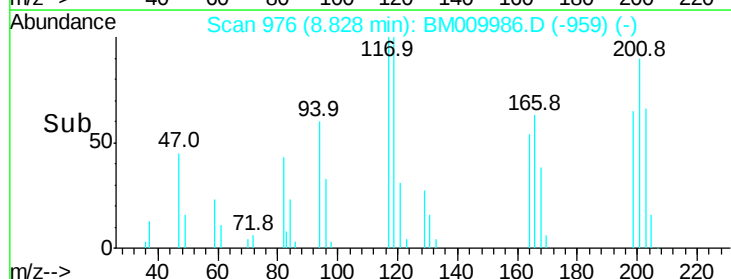
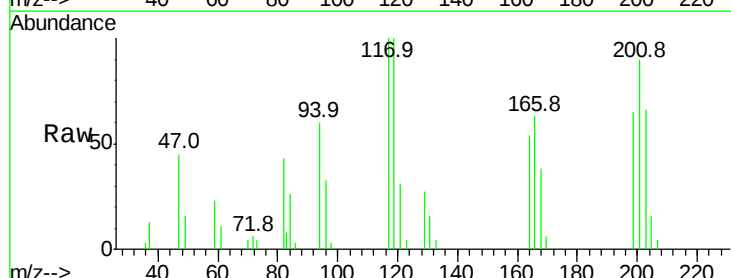
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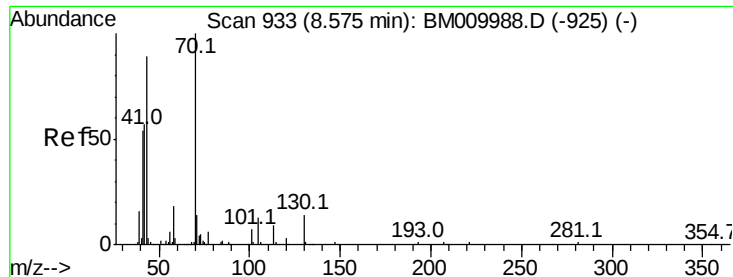
mohammad
5/12/2017 4:30:00 PM



#18
Hexachloroethane
Concen: 8.79 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	99.8	79.2	118.8
201	90.1	69.8	104.6





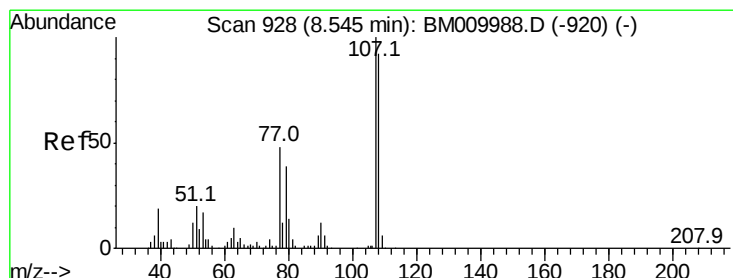
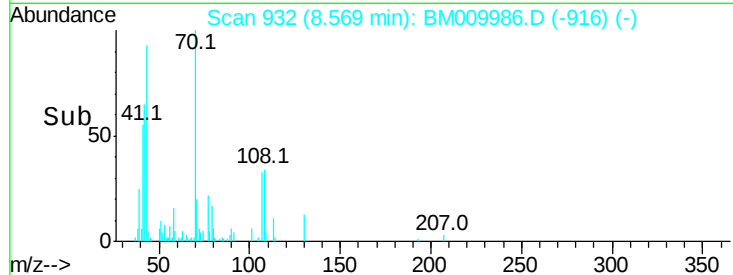
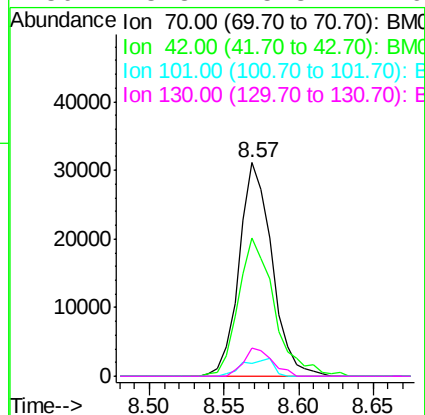
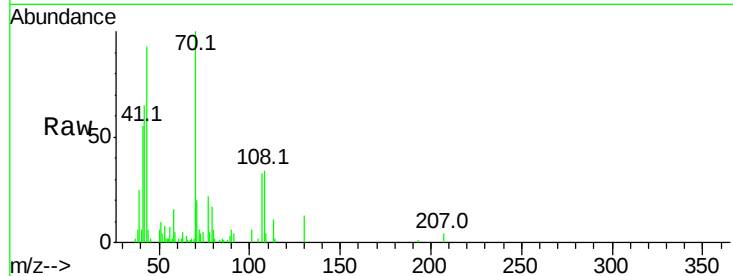
#19
n-Nitroso-di-n-propylamine
Concen: 8.75 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		47539		
42	64.8	44.5	66.7		
101	6.0	7.4	11.2		
130	13.3	15.3	22.9		

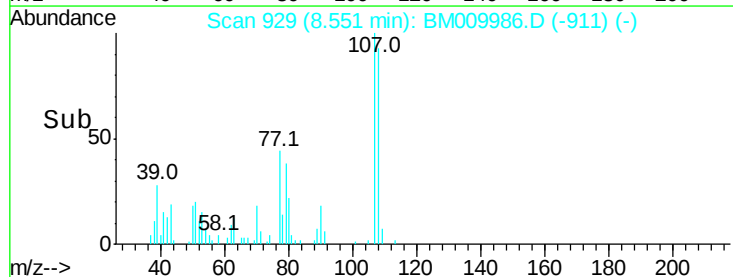
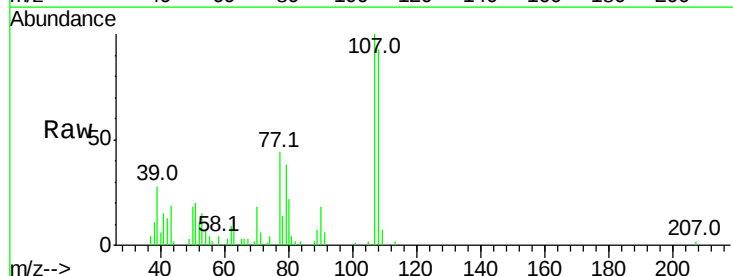
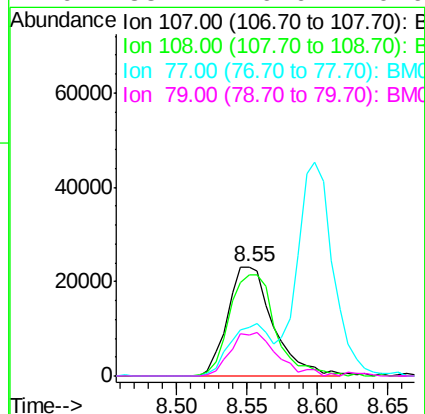
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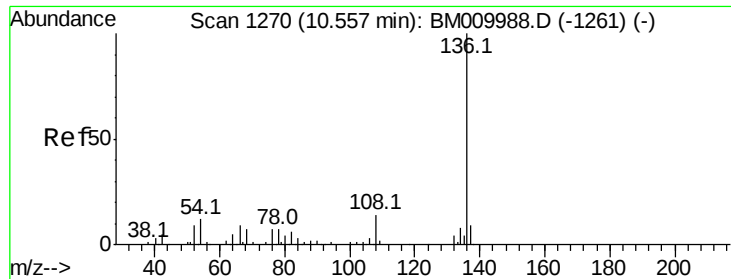
mohammad
5/12/2017 4:30:00 PM



#20
3+4-Methylphenols
Concen: 8.98 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		52120		
108	93.1	73.2	113.2		
77	44.3	10.7	50.7		
79	38.1	9.6	49.6		





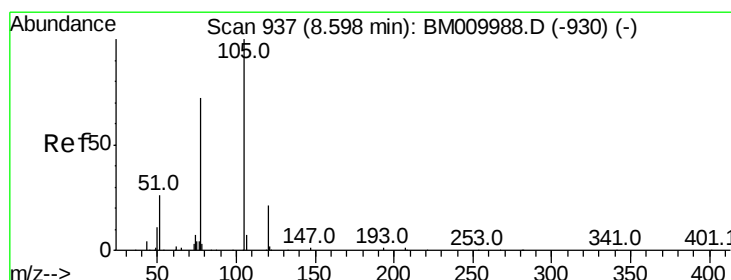
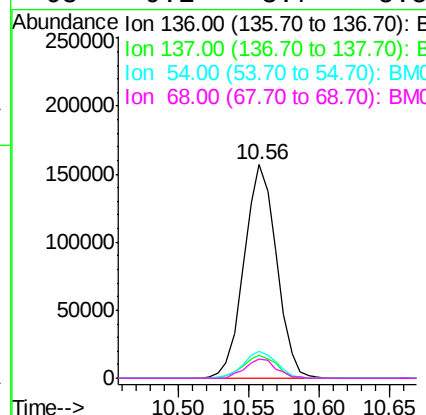
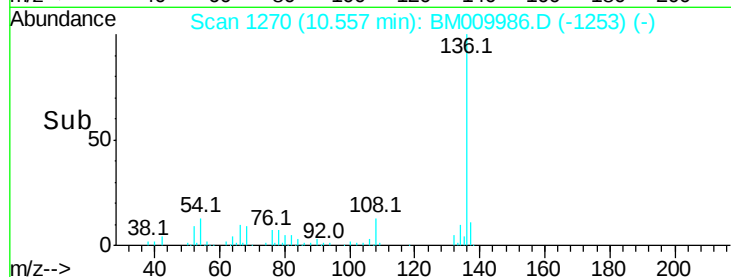
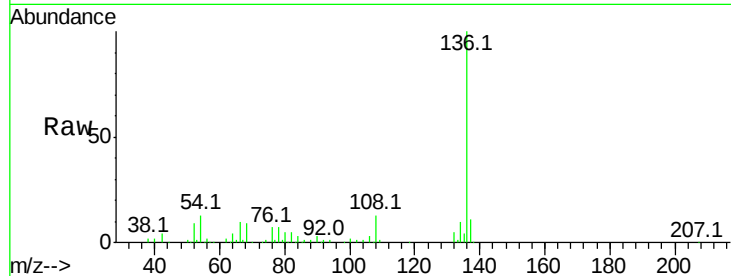
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
136	100	253203		
137	10.6		8.7	13.1
54	12.6		4.6	6.8#
68	9.1		3.7	5.5#

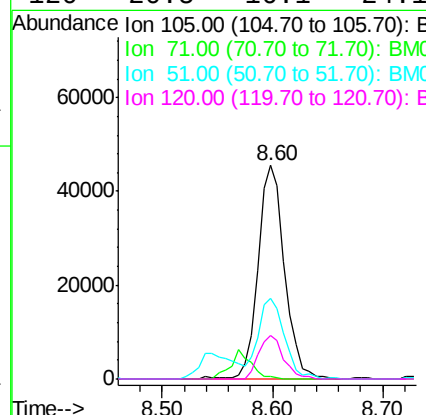
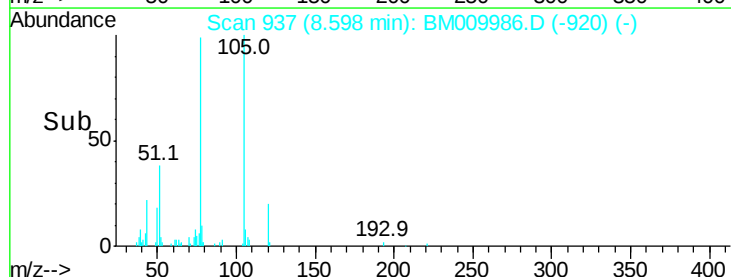
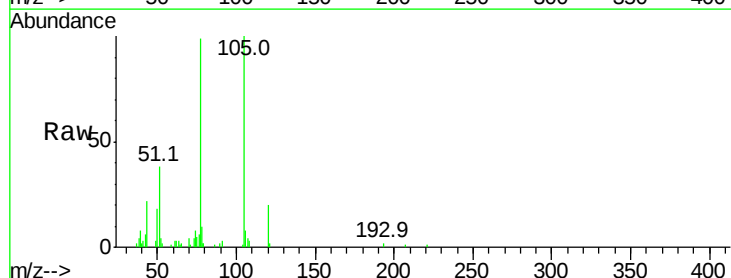
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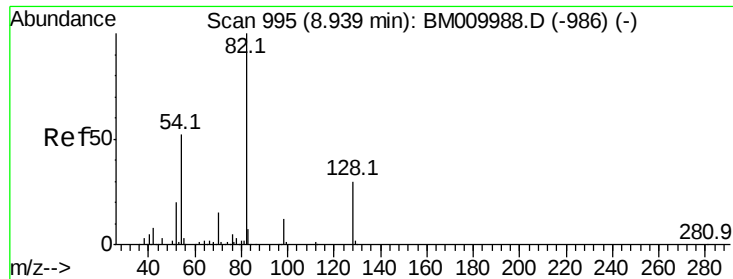
mohammad
5/12/2017 4:30:00 PM



#22
Acetophenone
Concen: 9.68 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	76719		
71	1.1		0.6	1.0#
51	37.8		21.6	32.4#
120	20.5		16.1	24.1





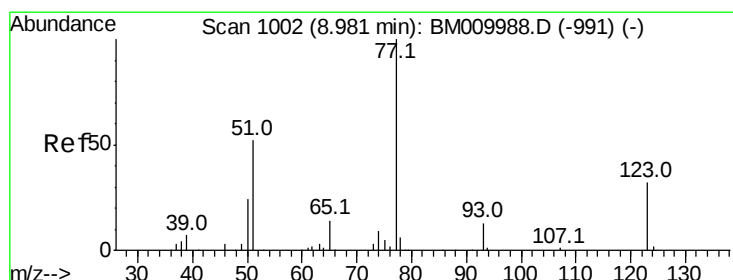
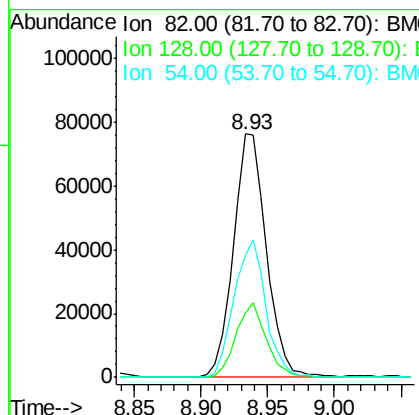
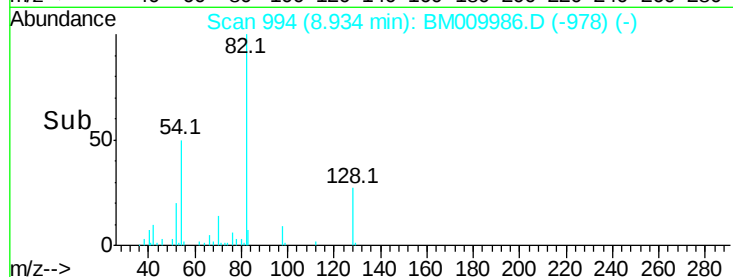
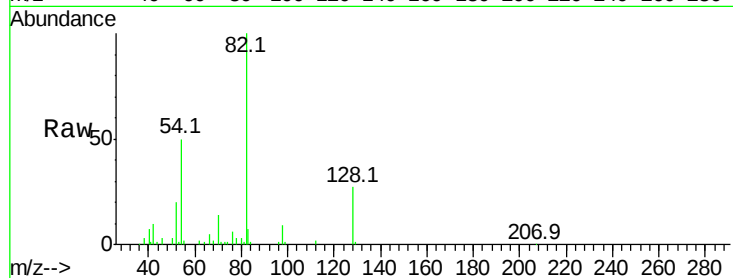
#23
Nitrobenzene-d5
Concen: 18.82 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampled :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	26.6	32.8	49.2#	
54	50.0	40.6	60.8	

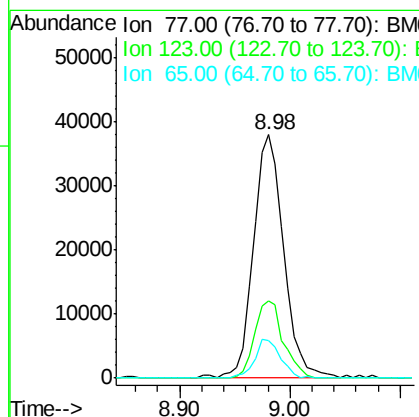
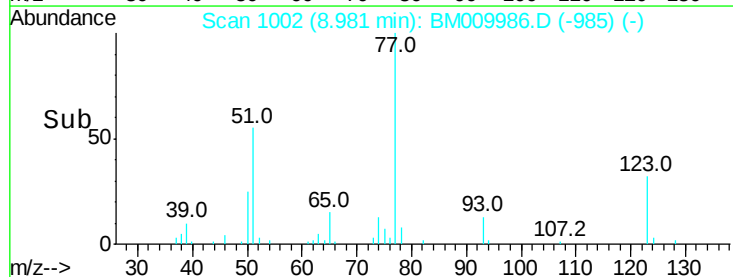
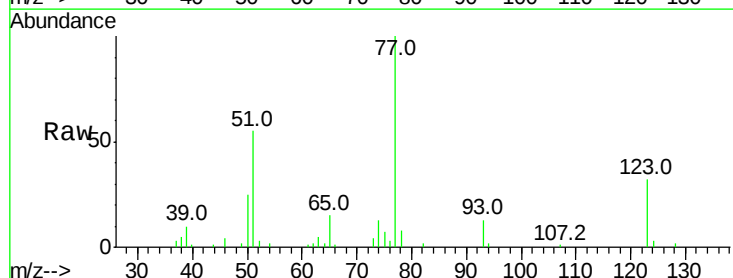
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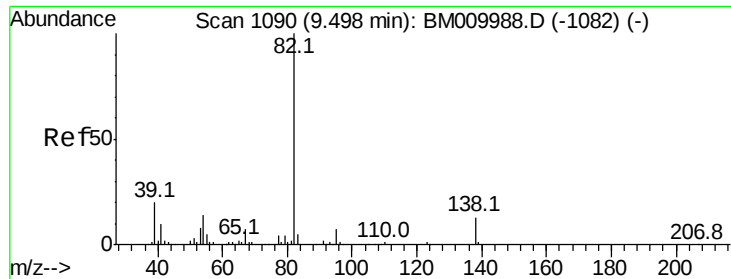
mohammad
5/12/2017 4:30:00 PM



#24
Nitrobenzene
Concen: 10.07 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	31.5	32.6	49.0#	
65	15.3	10.9	16.3	





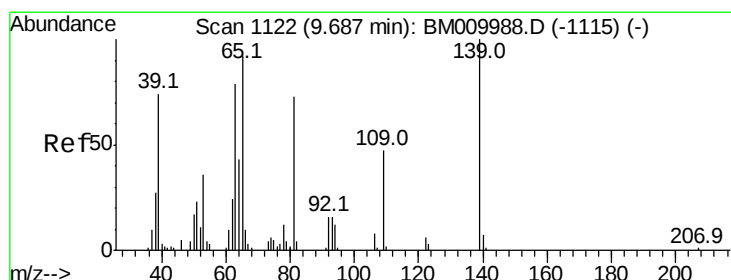
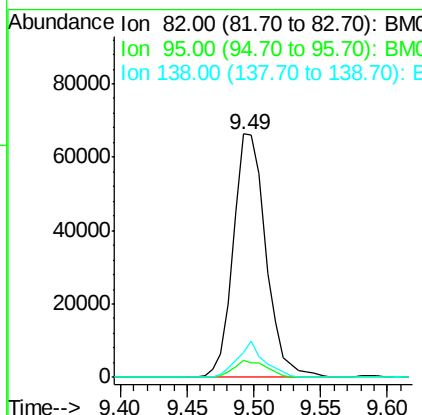
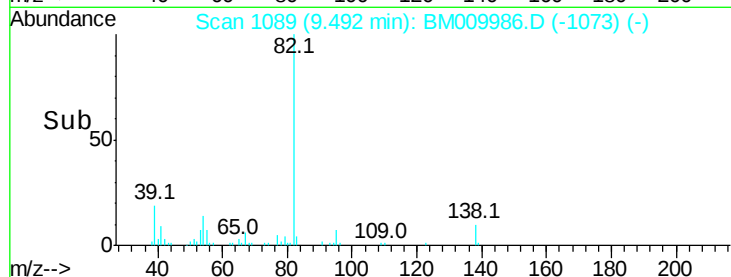
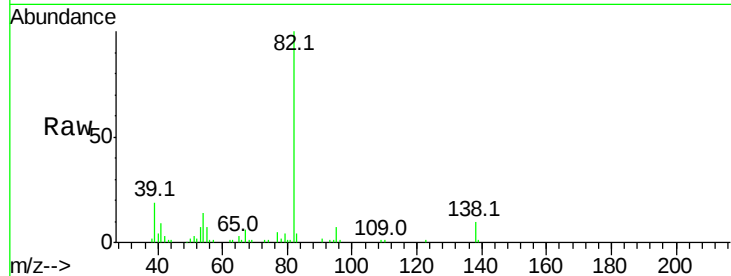
#25
Isophorone
Concen: 9.13 ng
RT: 9.49 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
82	100	112633		
95	6.9		5.8	8.6
138	10.4		16.3	24.5#

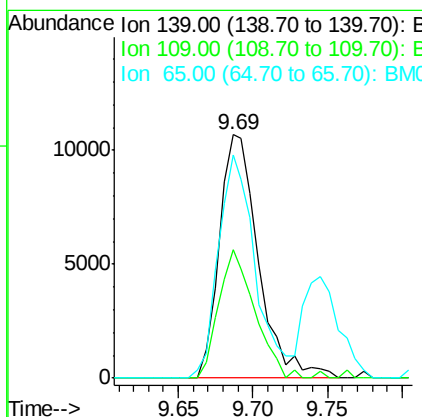
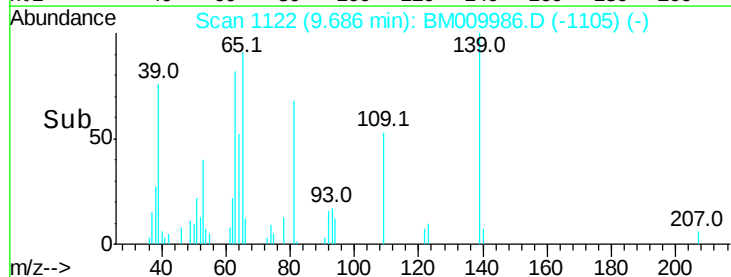
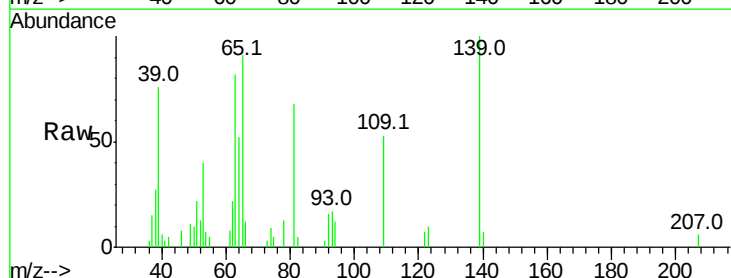
Manual Integrations
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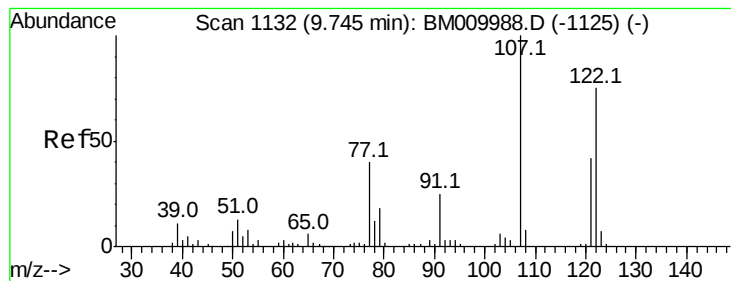
mohammad
5/12/2017 4:30:00 PM



#26
2-Nitrophenol
Concen: 8.35 ng
RT: 9.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	19622		
109	52.6		20.1	30.1#
65	91.4		31.5	47.3#





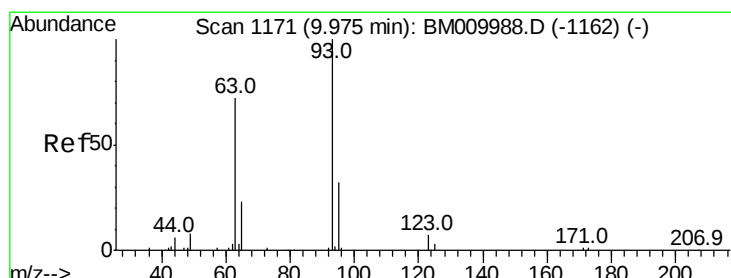
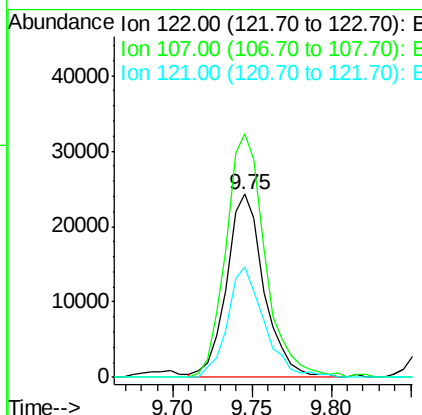
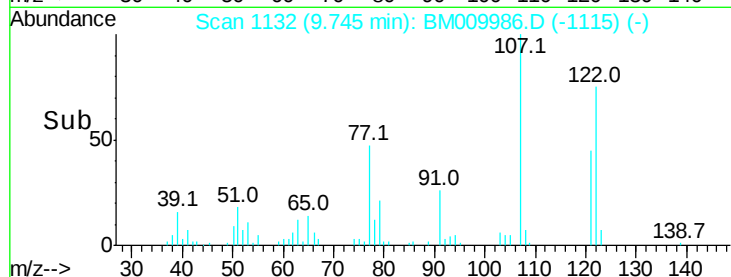
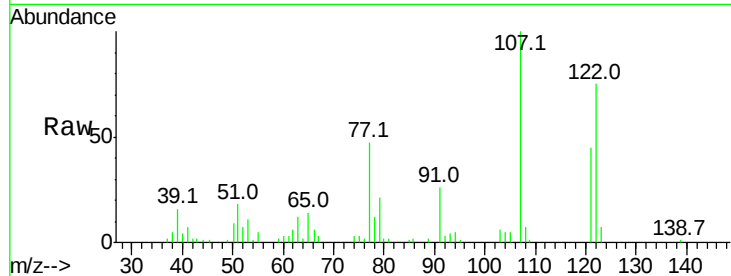
#27
 2,4-Dimethylphenol
 Concen: 9.38 ng
 RT: 9.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.2	84.7	127.1#
121	60.4	46.6	69.8

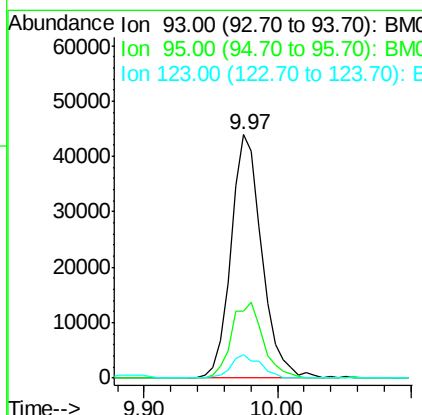
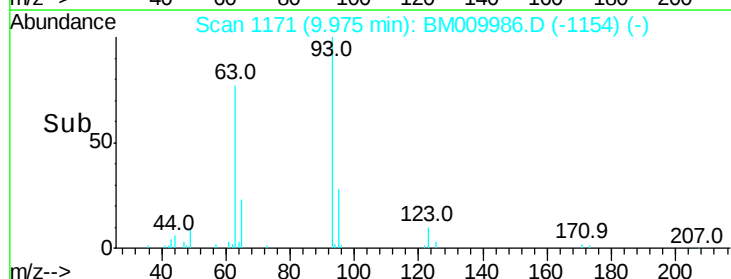
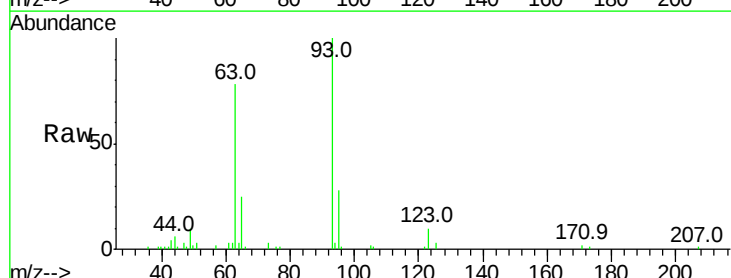
Manual Integrations
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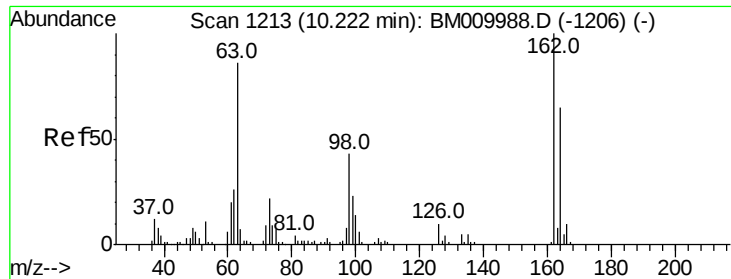
mohammad
 5/12/2017 4:30:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.85 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	27.7	25.5	38.3
123	9.6	8.6	13.0





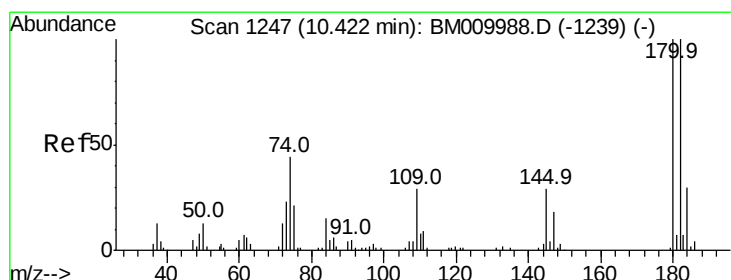
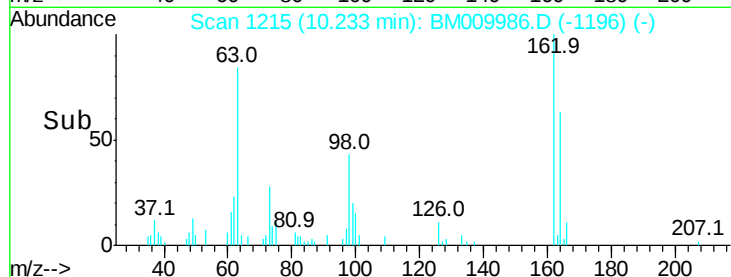
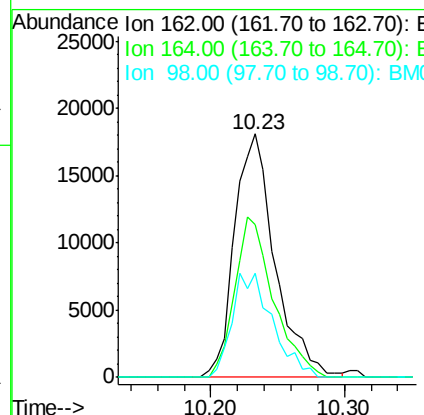
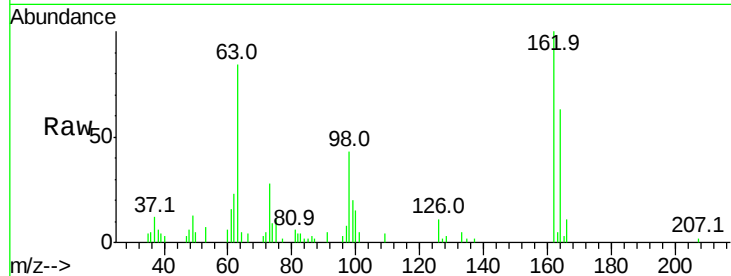
#29
 2,4-Dichlorophenol
 Concen: 9.42 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
162	100	38190		
164	63.0	42.8	82.8	
98	42.6	14.5	54.5	

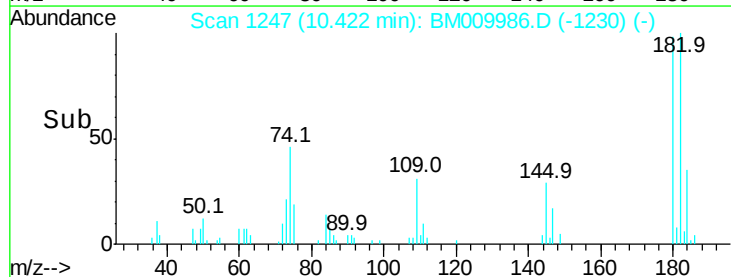
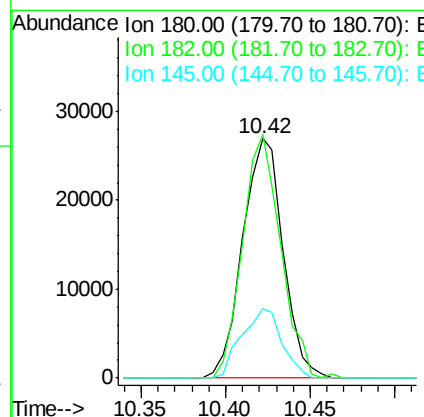
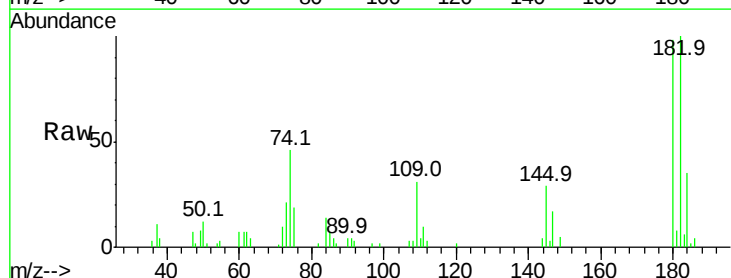
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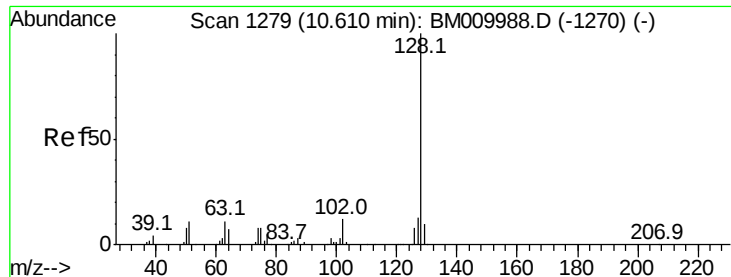
mohammad
 5/12/2017 4:30:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 9.47 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	44863		
182	101.7	77.6	116.4	
145	29.1	23.4	35.2	





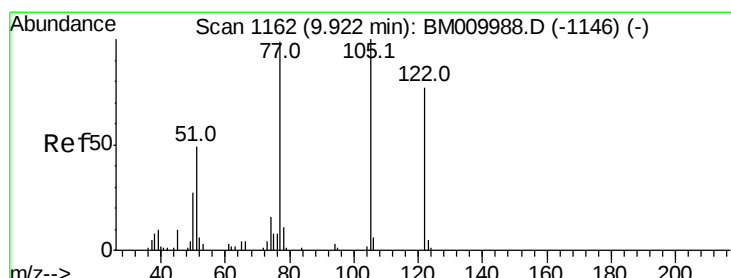
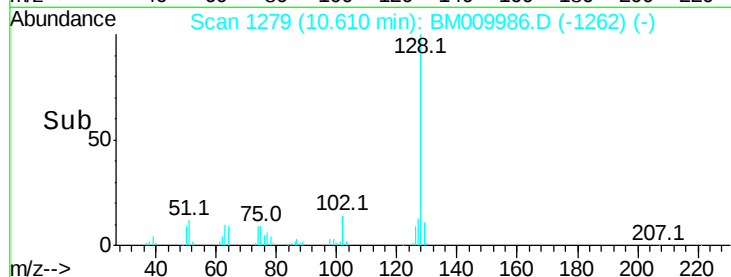
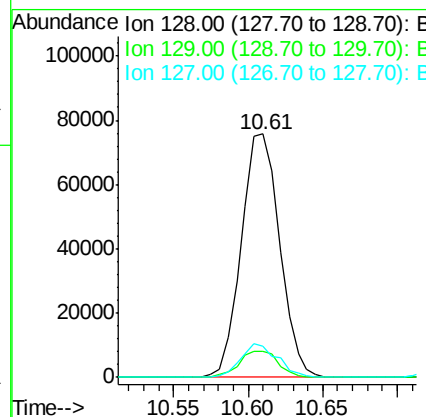
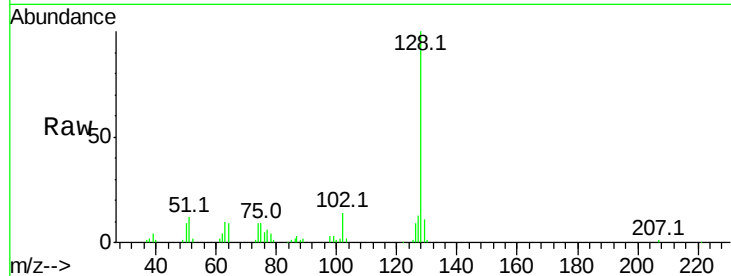
#31
Naphthalene
Concen: 9.71 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion:	128	Resp:	135171
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.9	13.3
127	12.6	10.4	15.6

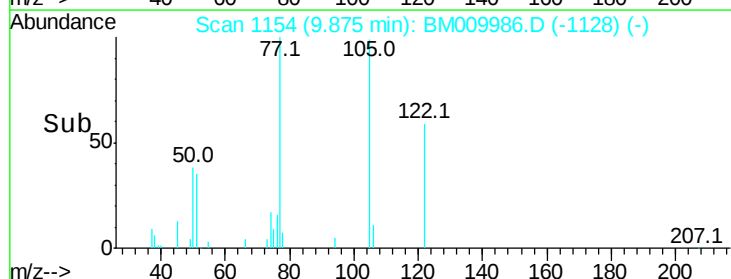
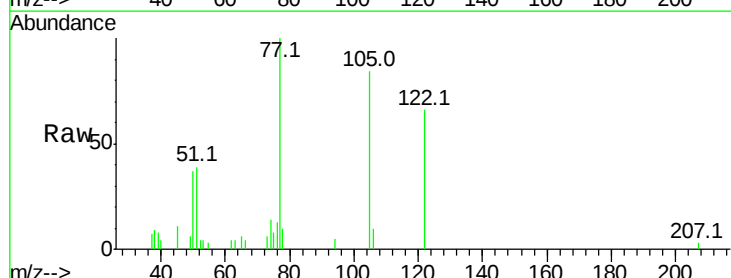
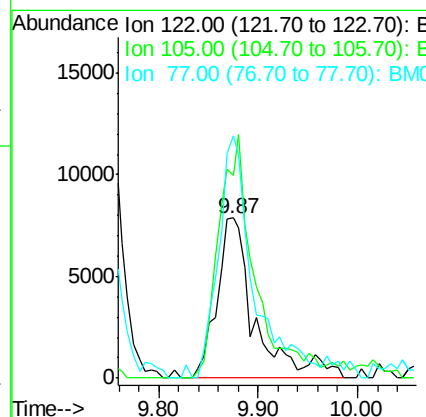
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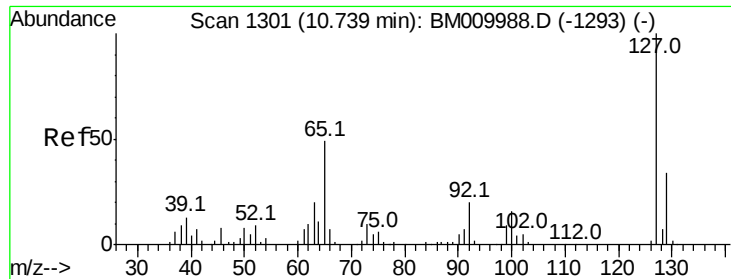
mohammad
5/12/2017 4:30:00 PM



#32
Benzoic acid
Concen: 7.53 ng m
RT: 9.87 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion:	122	Resp:	20908
Ion Ratio	Lower	Upper	
122	100		
105	126.5	99.9	139.9
77	151.4	73.7	113.7#





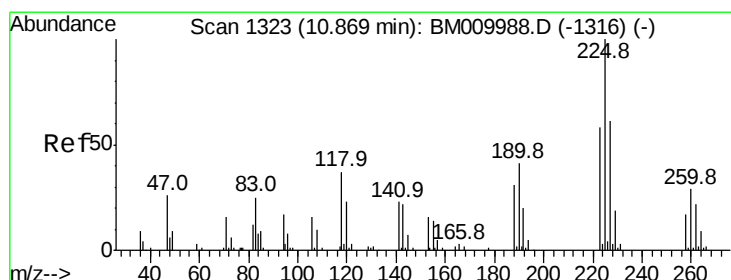
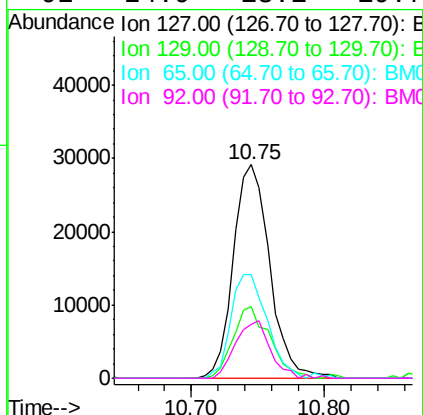
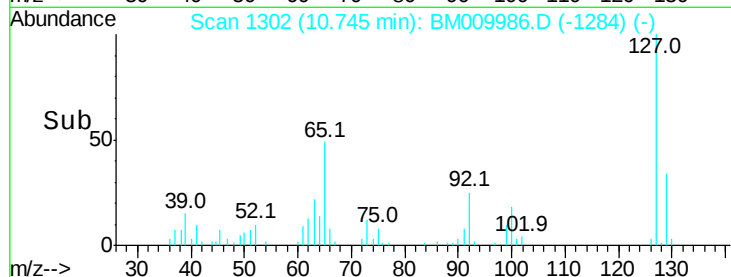
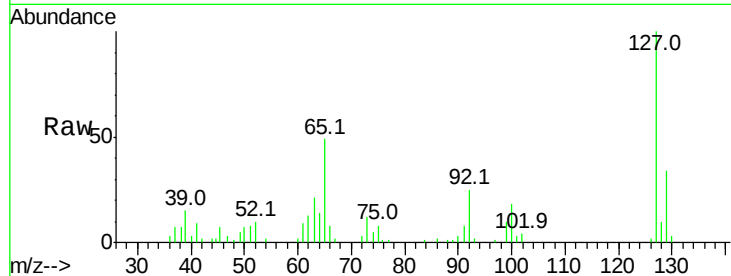
#33
4-Chloroaniline
Concen: 9.41 ng
RT: 10.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.3	37.9
65	48.6	17.6	26.4
92	24.9	13.1	19.7

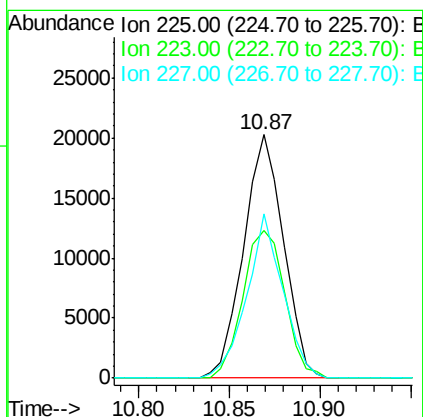
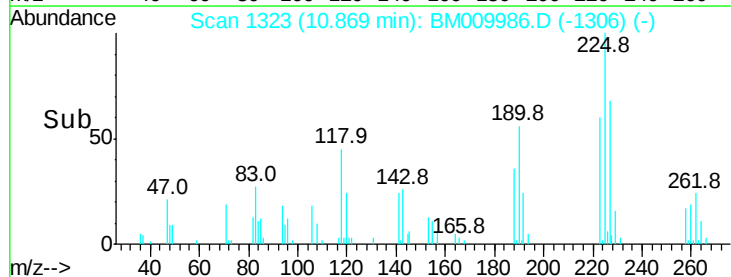
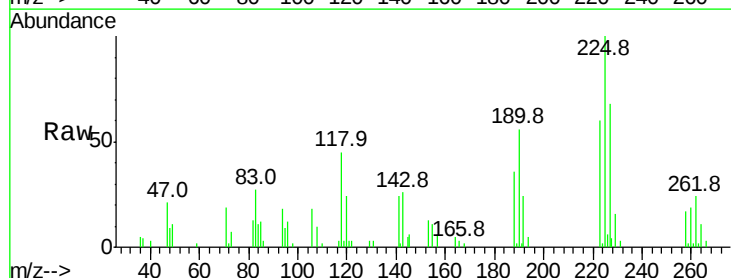
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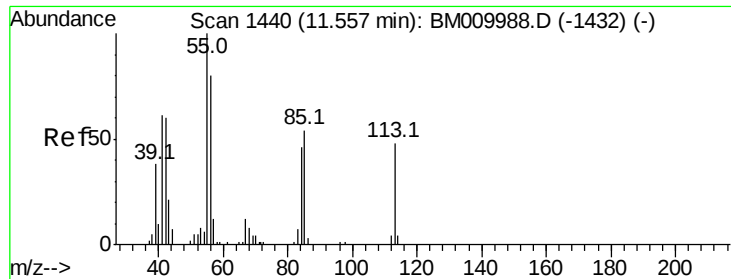
mohammad
5/12/2017 4:30:00 PM



#34
Hexachlorobutadiene
Concen: 9.42 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.7	47.9	71.9
227	67.0	50.1	75.1





#35

Caprolactam

Concen: 9.01 ng

RT: 11.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

Tot Ion:113 Resp: 13925

Ion Ratio Lower Upper

113 100

55 165.8 145.9 185.9

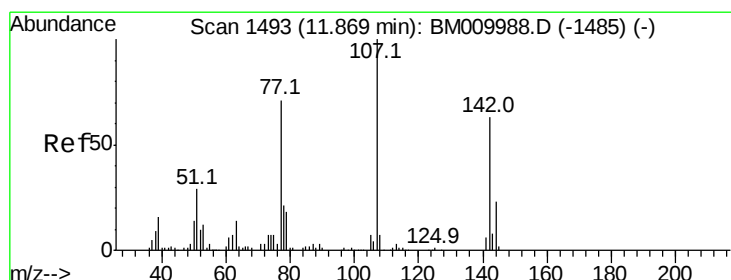
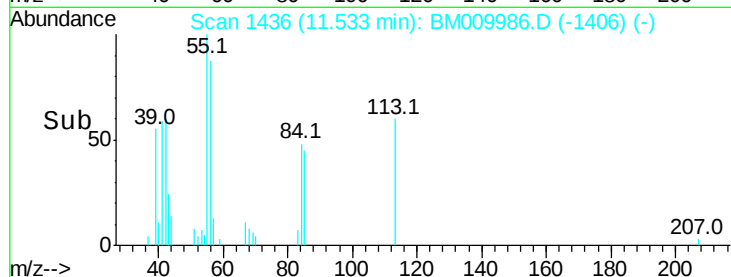
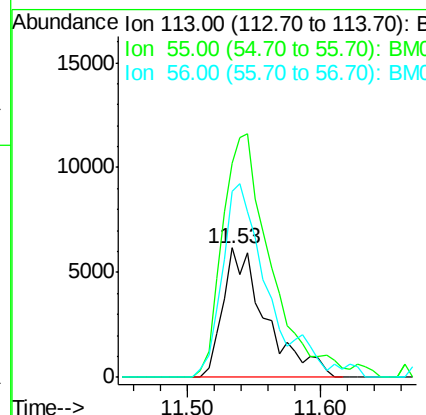
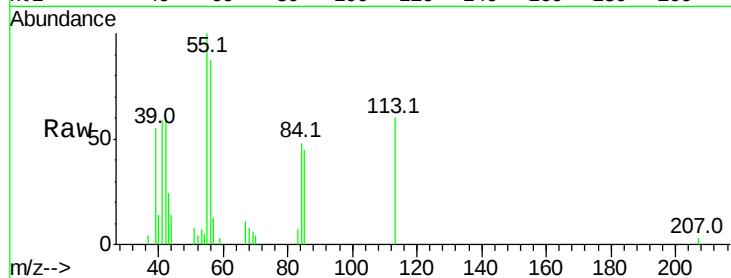
56 143.9 101.0 141.0#

Manual Integrations

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5/12/2017 4:30:00 PM



#36

4-Chloro-3-methylphenol

Concen: 9.22 ng

RT: 11.87 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

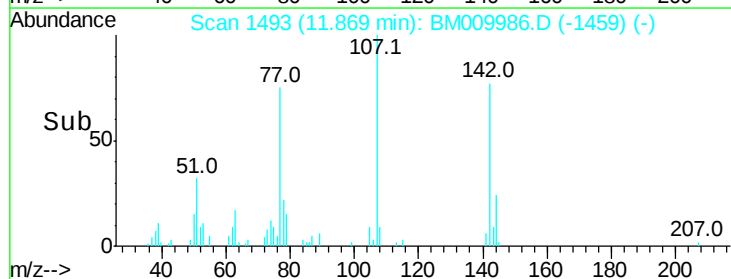
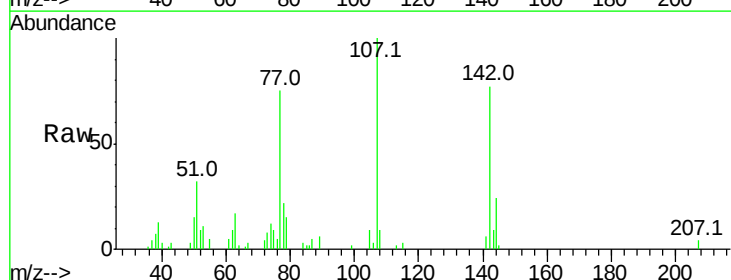
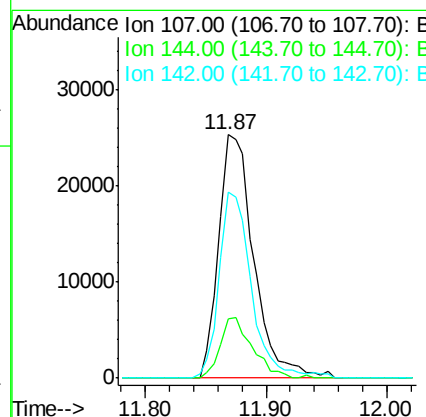
Tgt Ion:107 Resp: 50763

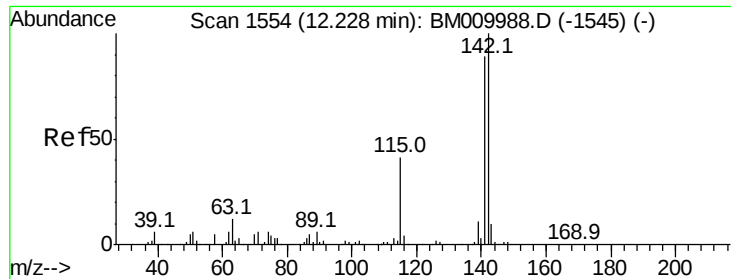
Ion Ratio Lower Upper

107 100

144 24.3 23.3 34.9

142 76.6 72.6 109.0





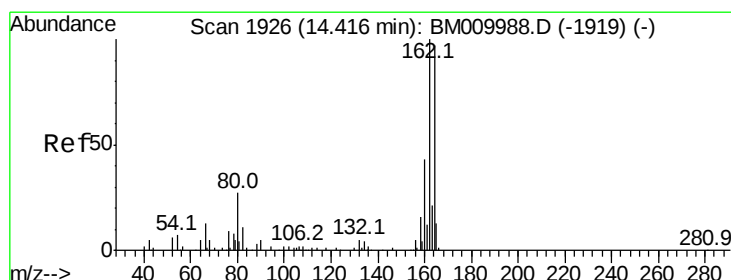
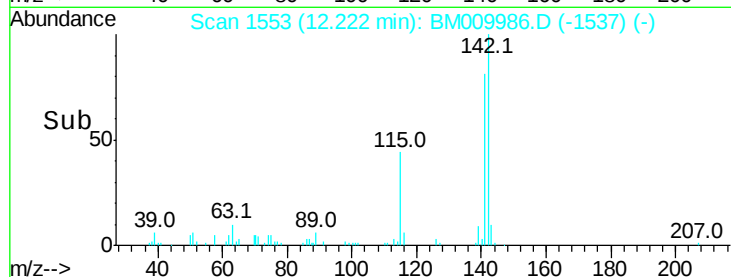
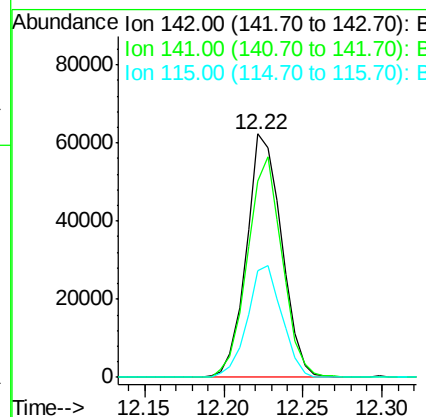
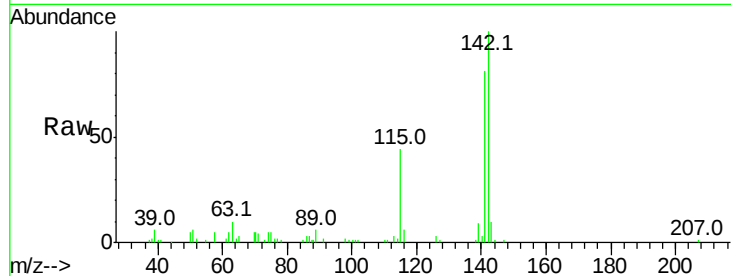
#37
 2-Methylnaphthalene
 Concen: 9.75 ng
 RT: 12.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	80.6	71.9	107.9
115	44.0	25.4	38.0

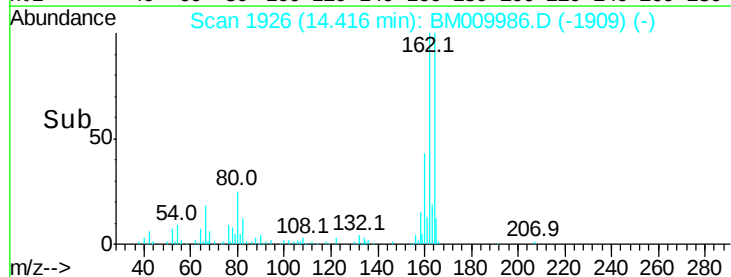
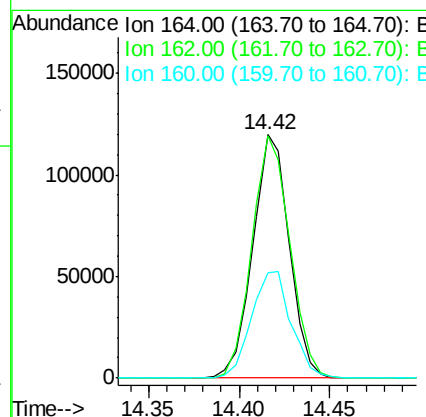
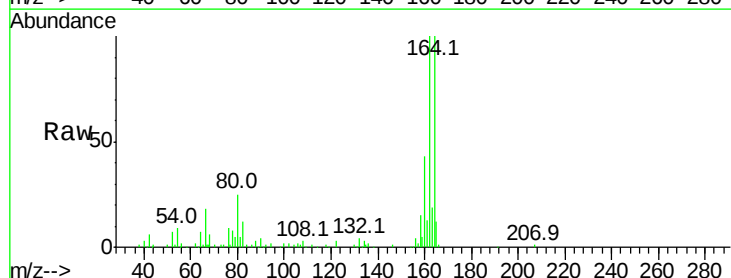
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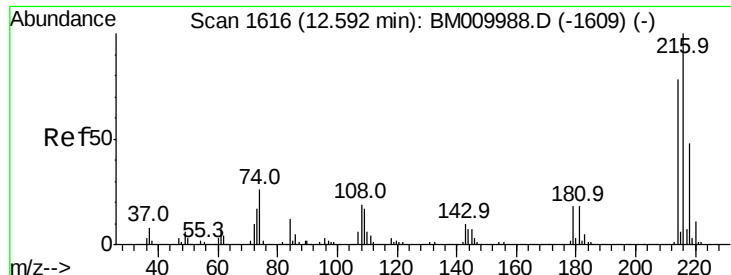
mohammad
 5/12/2017 4:30:00 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.4	123.6
160	43.3	35.8	53.6





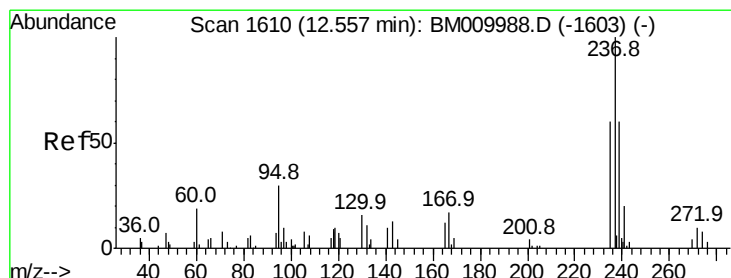
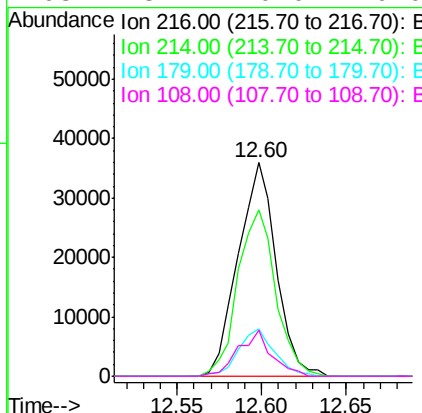
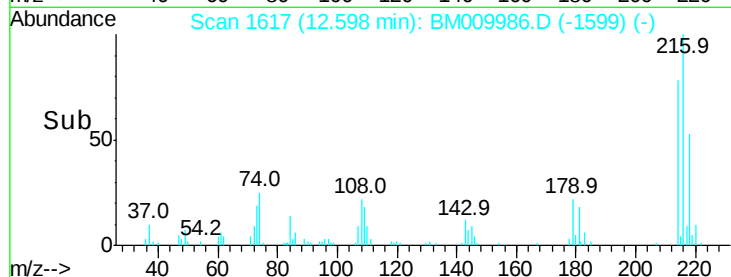
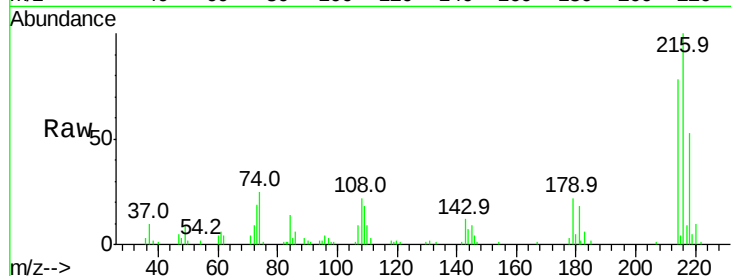
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.34 ng
 RT: 12.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.6	0.0	0.0#
179	20.9	0.0	0.0#
108	18.7	0.0	0.0#

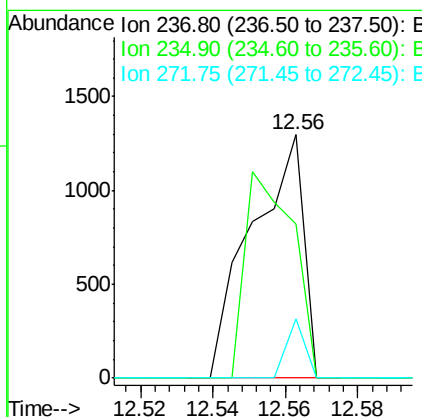
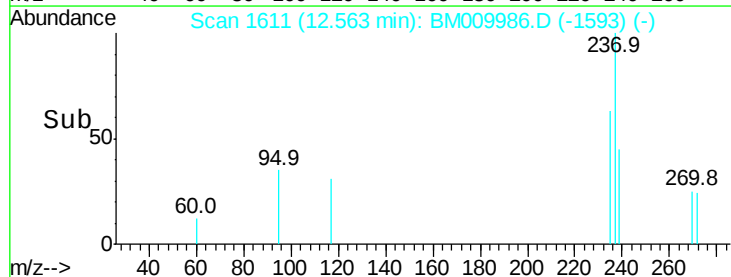
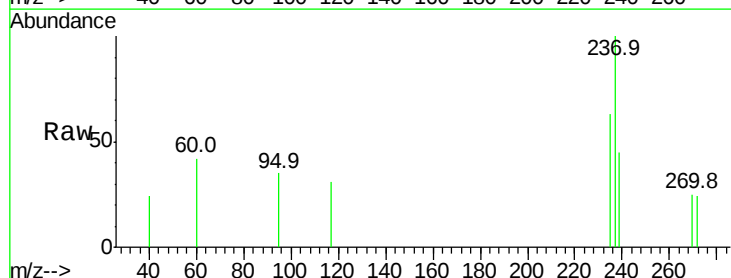
Manual Integrations
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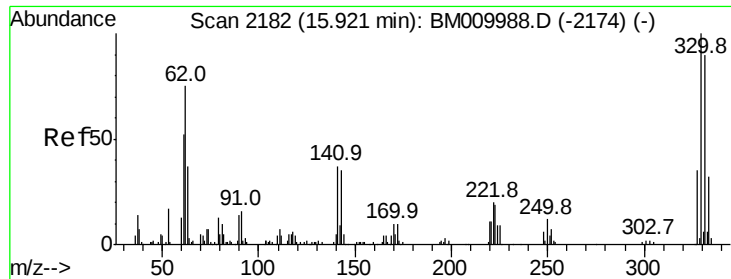
mohammad
 5/12/2017 4:30:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 1.05 ng
 RT: 12.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.0	82.0
272	24.2	0.0	33.4





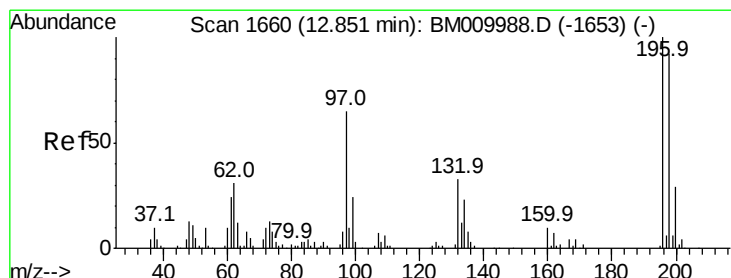
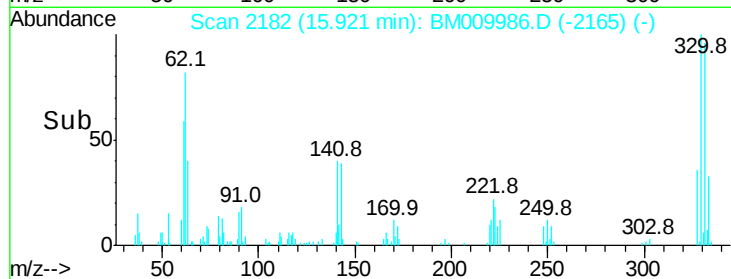
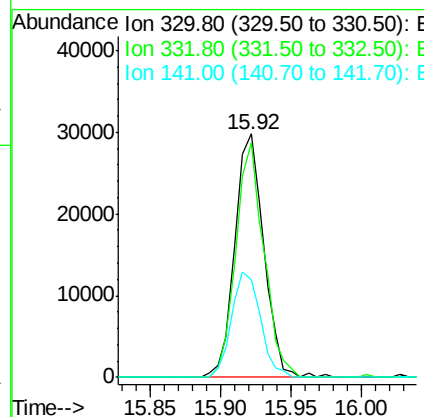
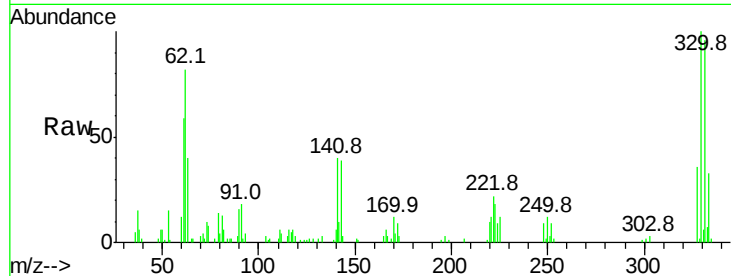
#41
 2,4,6-Tribromophenol
 Concen: 18.69 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
330	100	42714		
332	93.0	0.0	0.0	0.0
141	42.9	0.0	0.0	0.0

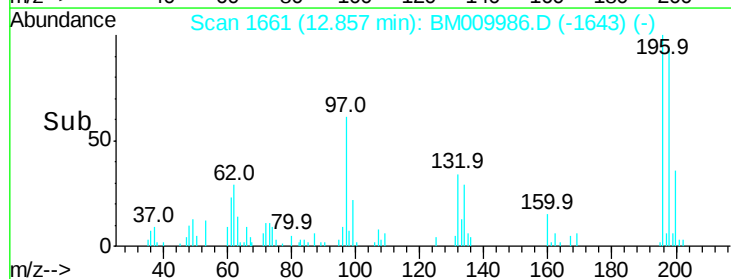
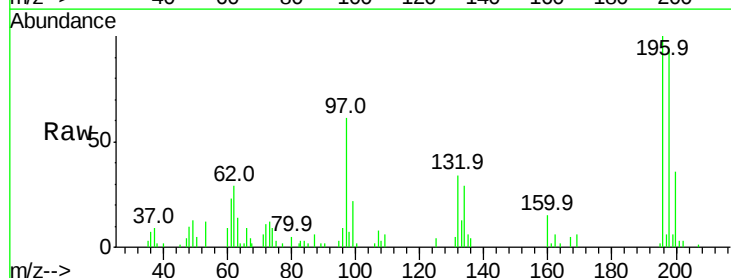
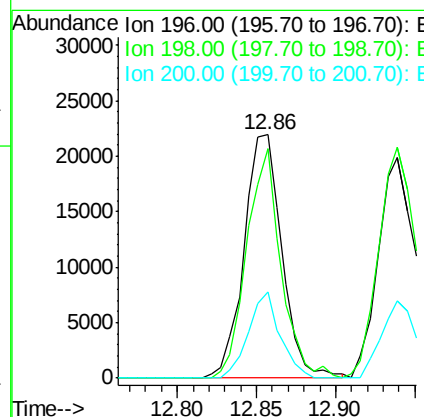
Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 9.36 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	36419		
198	94.1	76.3	114.5	
200	35.6	25.6	38.4	





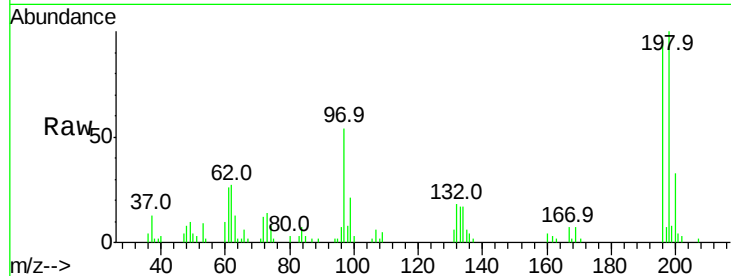
#43
 2,4,5-Trichlorophenol
 Concen: 9.12 ng
 RT: 12.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	38157		
198	104.4	79.4	119.0	
97	56.7	26.8	40.2#	
132	19.2	18.6	28.0	

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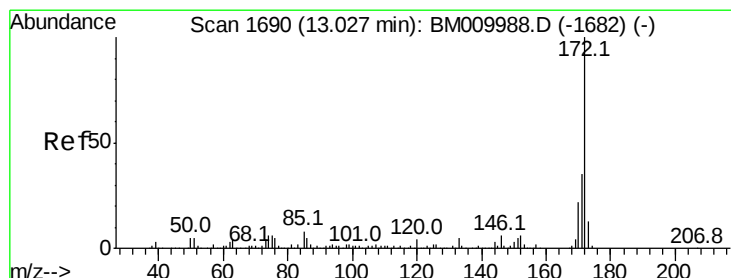
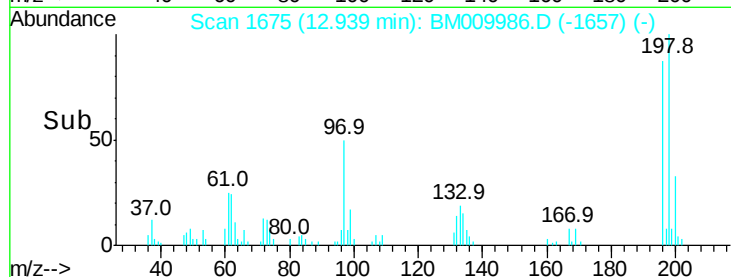
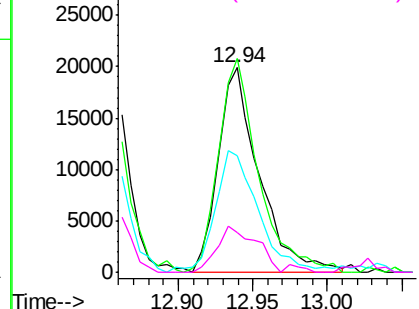
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 19.06 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

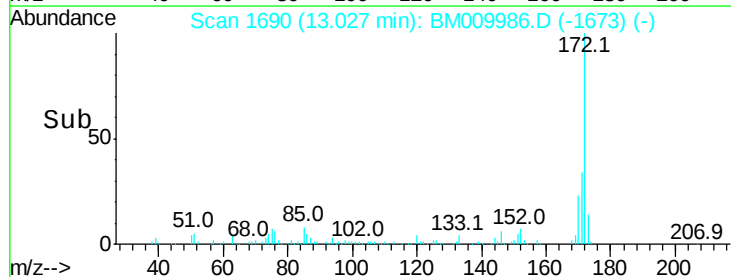
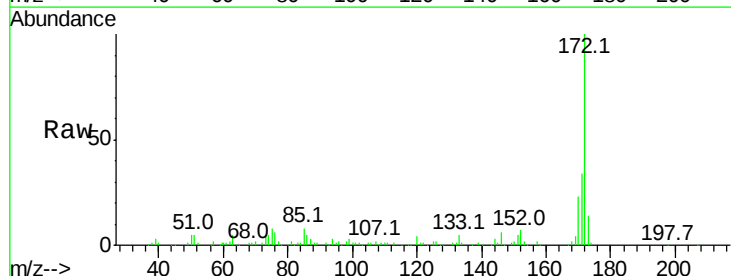
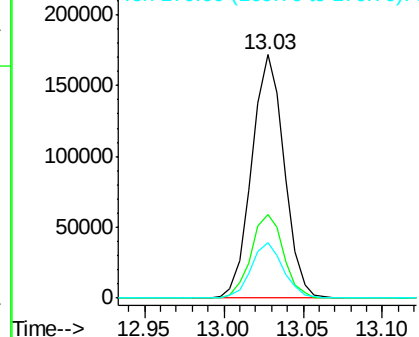
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	244768		
171	34.4	28.5	42.7	
170	22.6	18.8	28.2	

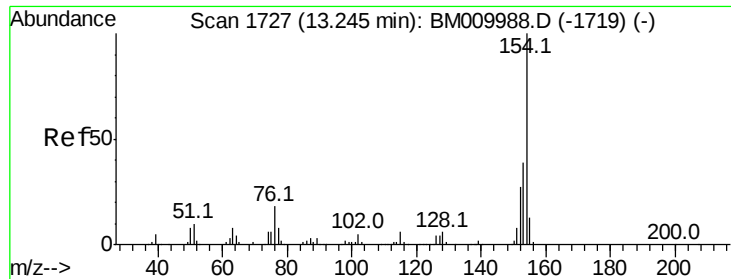
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





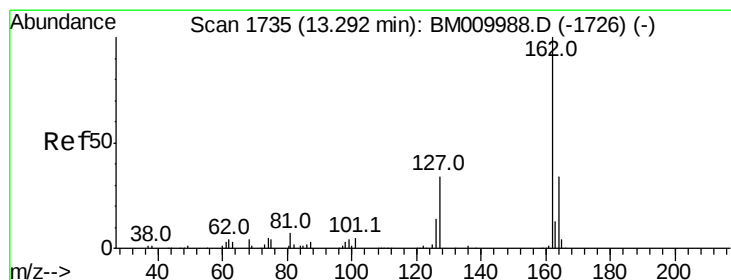
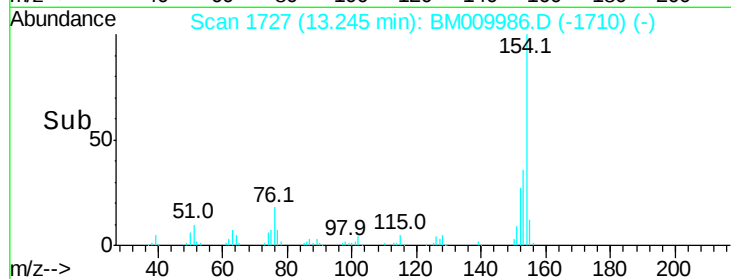
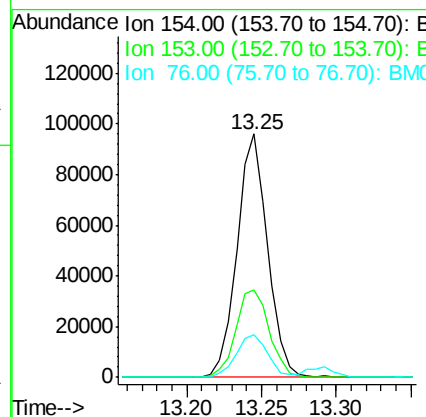
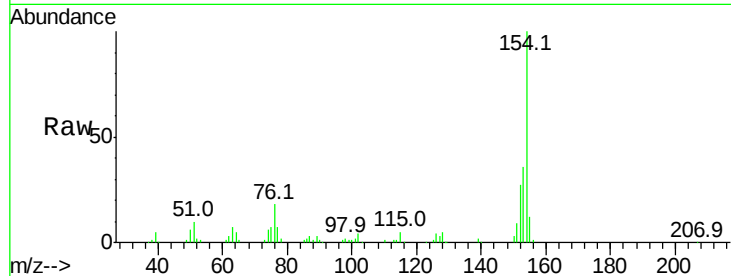
#45
1,1'-Biphenyl
Concen: 9.58 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
154	100	136513		
153	35.9	20.7	60.7	
76	17.7	0.0	30.9	

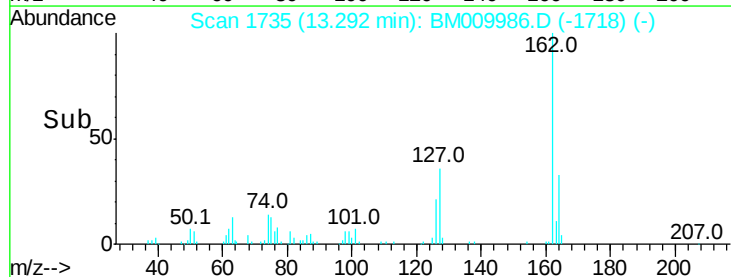
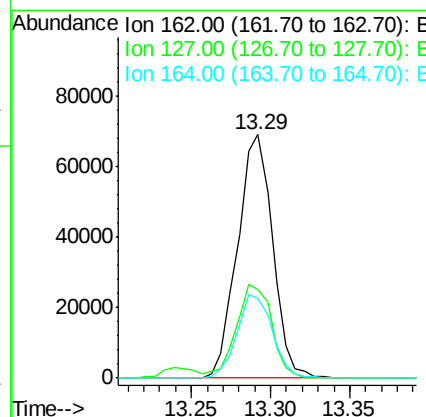
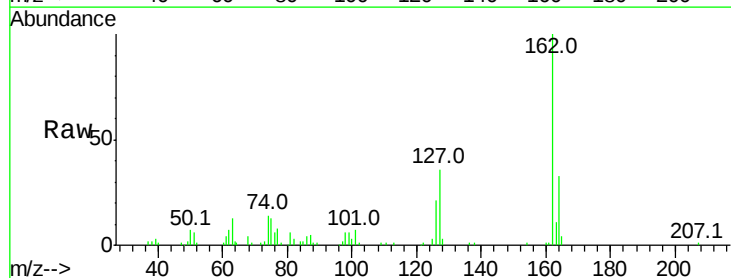
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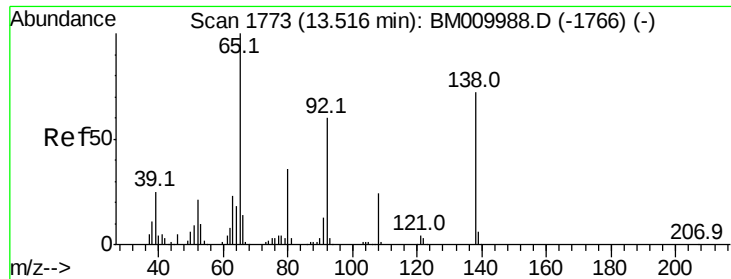
mohammad
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#46
2-Chloronaphthalene
Concen: 9.39 ng
RT: 13.29 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	105756		
127	36.3	26.9	40.3	
164	32.8	26.8	40.2	





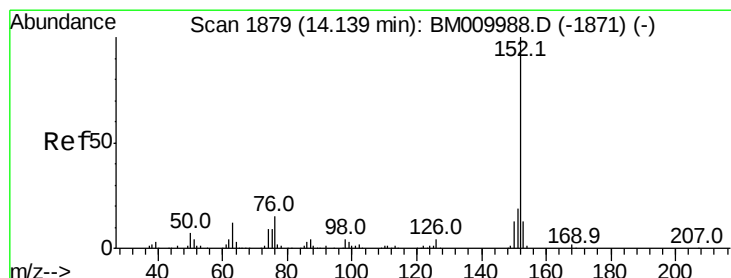
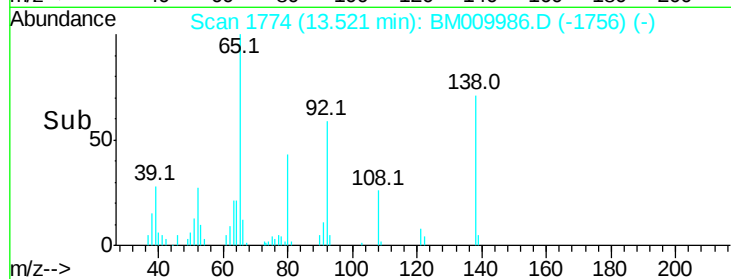
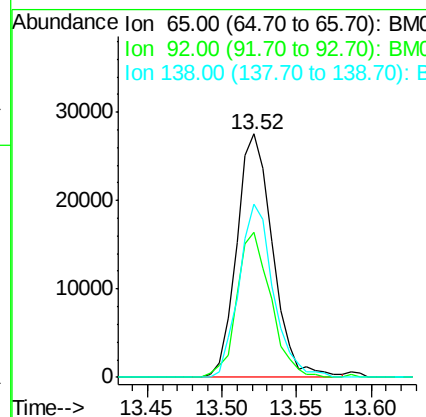
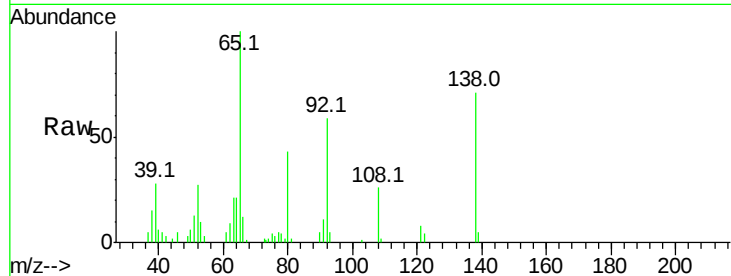
#47
2-Nitroaniline
Concen: 8.50 ng
RT: 13.52 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	59.1	88.7
138	71.3	93.9	140.9

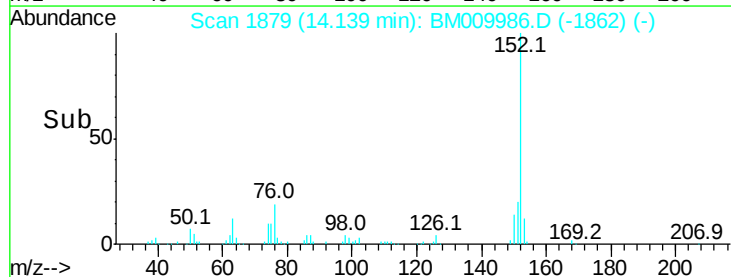
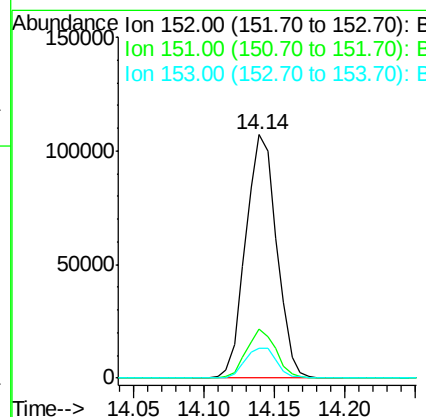
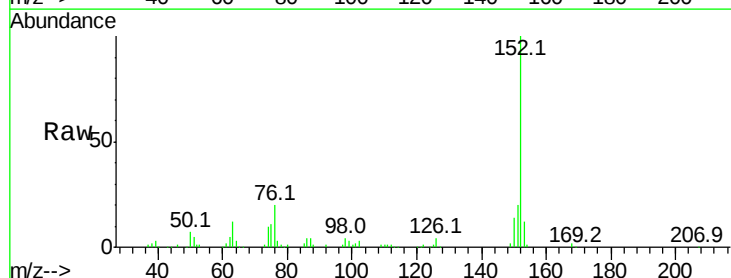
Manual Integrations
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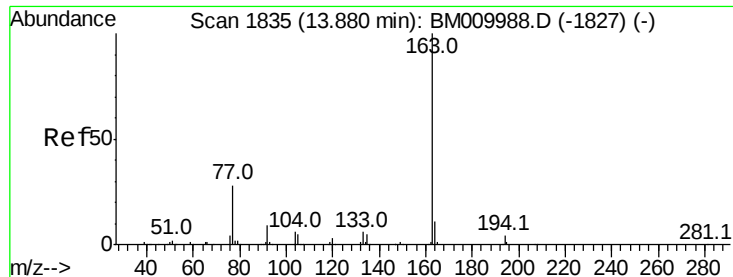
mohammad
5/12/2017 4:30:00 PM



#48
Acenaphthylene
Concen: 9.35 ng
RT: 14.14 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	12.5	10.6	16.0





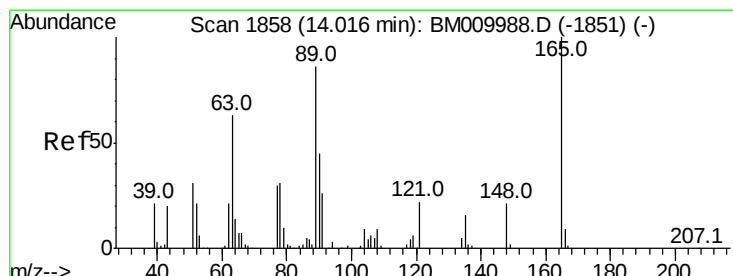
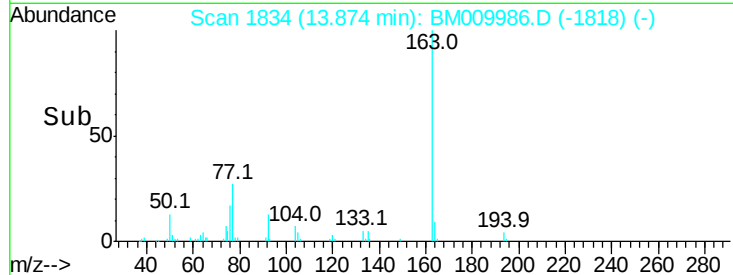
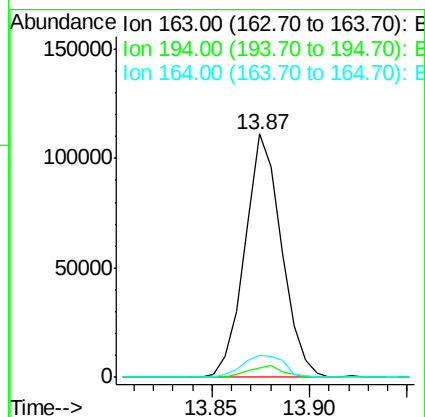
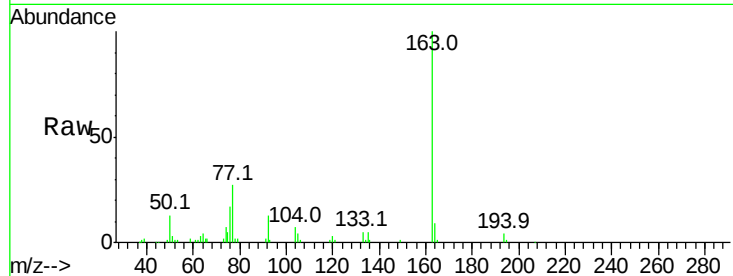
#49
Dimethylphthalate
Concen: 9.08 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
163	100	144668		
194	3.8	2.7	4.1	
164	9.4	8.2	12.2	

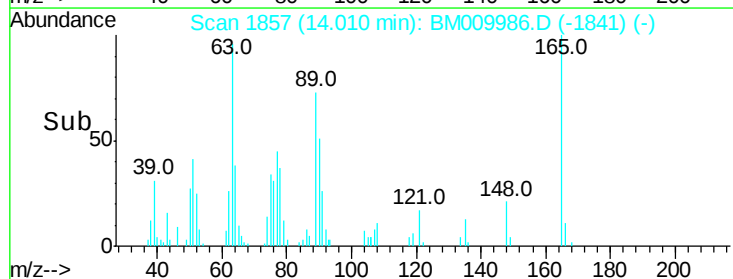
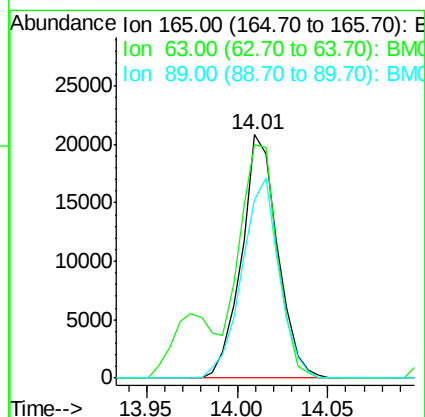
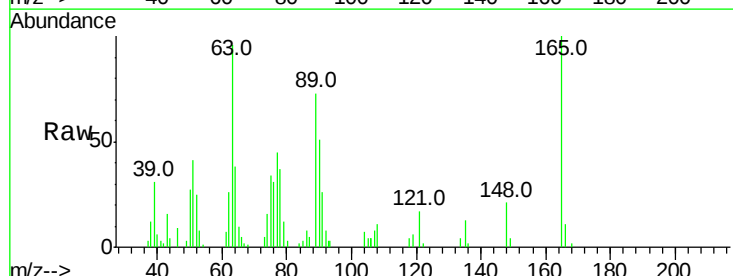
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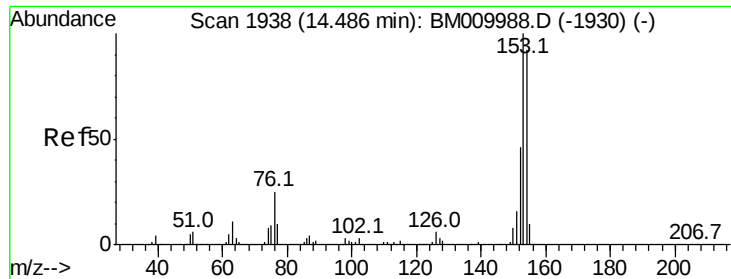
mohammad
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#50
2,6-Dinitrotoluene
Concen: 9.25 ng
RT: 14.01 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28761		
63	95.6	44.1	66.1#	
89	73.2	44.3	66.5#	





#51

Acenaphthene

Concen: 9.99 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

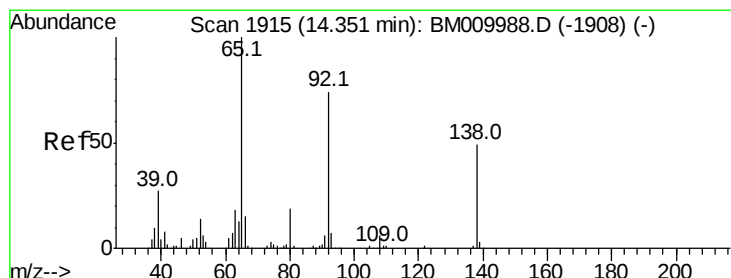
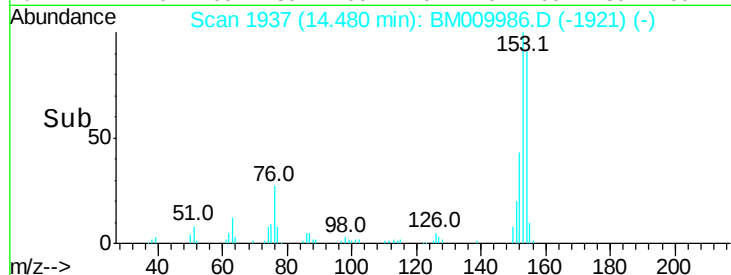
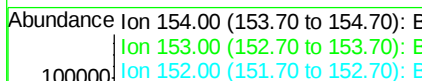
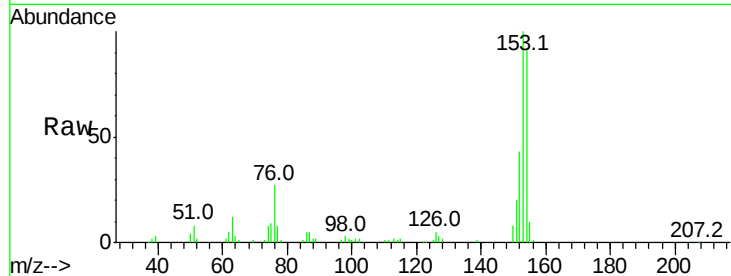
ClientSampled :

SSTDICC010

Tot Ion:	154	Resp:	108935
Ion Ratio	Lower	Upper	
154	100		
153	109.5	90.0	135.0
152	46.7	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 8.64 ng

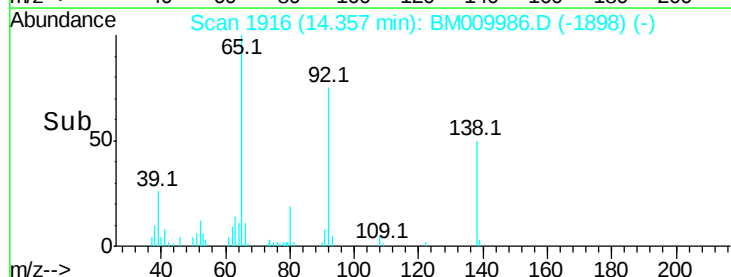
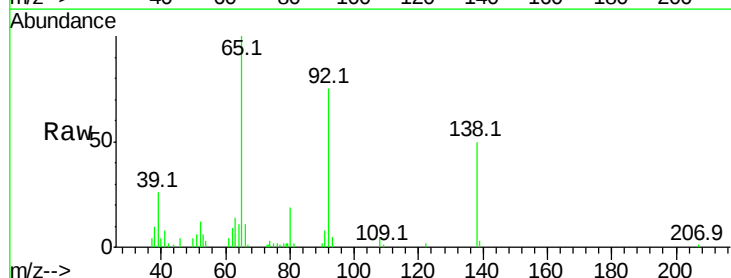
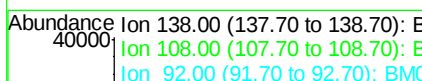
RT: 14.36 min Scan# 1916

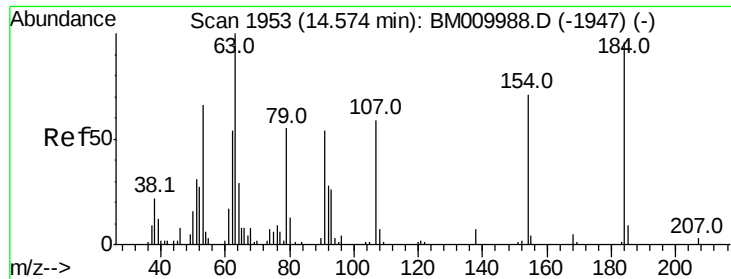
Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion:	138	Resp:	29047
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.3	10.9
92	150.4	76.6	114.8#





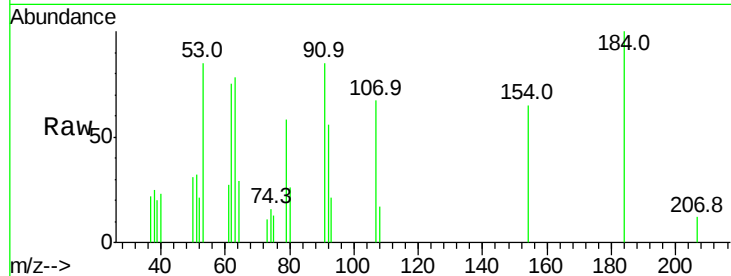
#53
2,4-Dinitrophenol
Concen: 3.72 ng
RT: 14.60 min Scan# 1957
Delta R.T. 0.02 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampled :
SSTDIC010

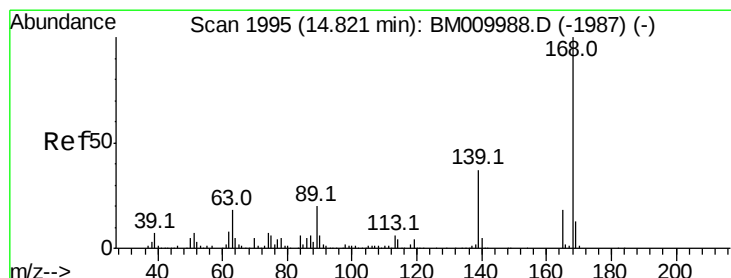
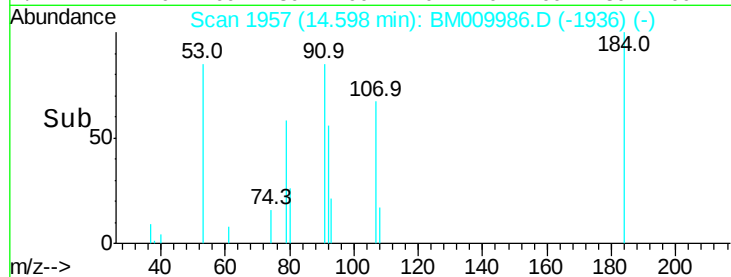
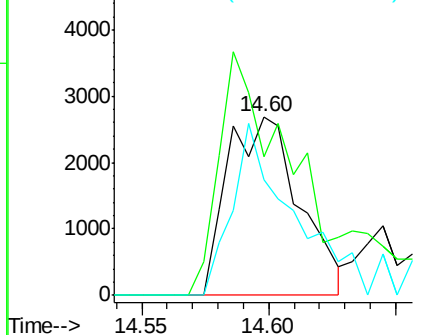
Tot Ion	Ratio	Lower	Upper
184	100		
63	77.6	69.2	103.8
154	64.9	53.3	79.9

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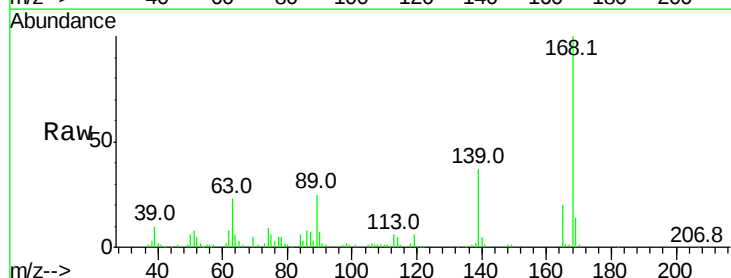


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

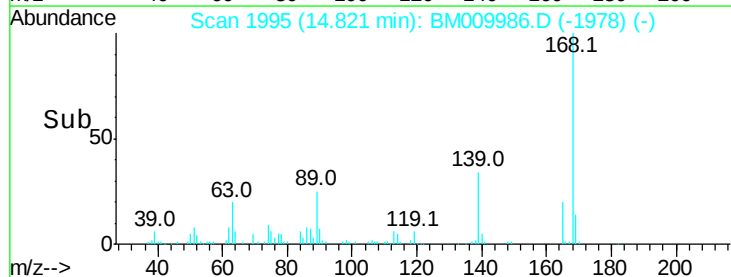
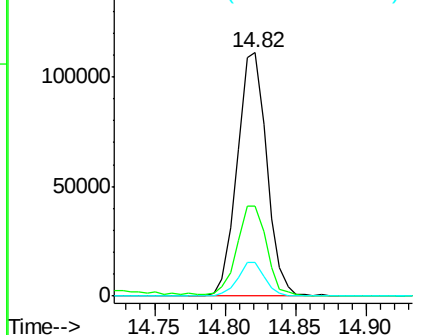


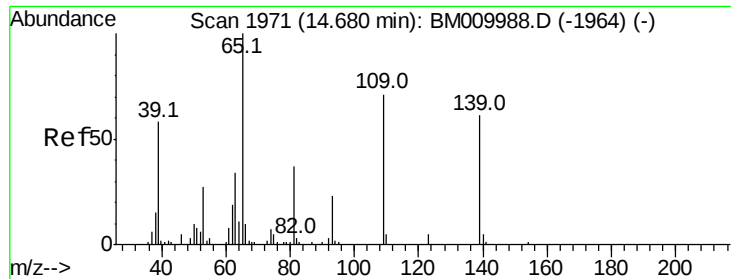
#54
Dibenzofuran
Concen: 9.74 ng
RT: 14.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	27.3	40.9
169	14.1	10.6	16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





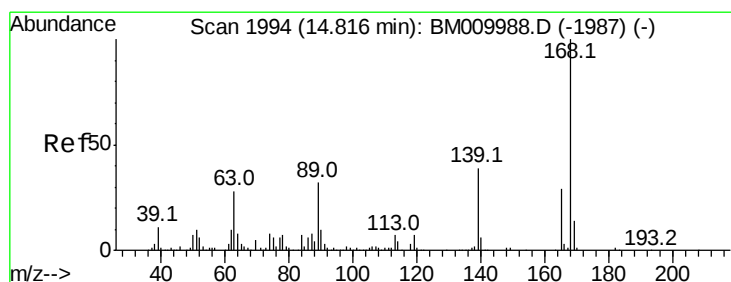
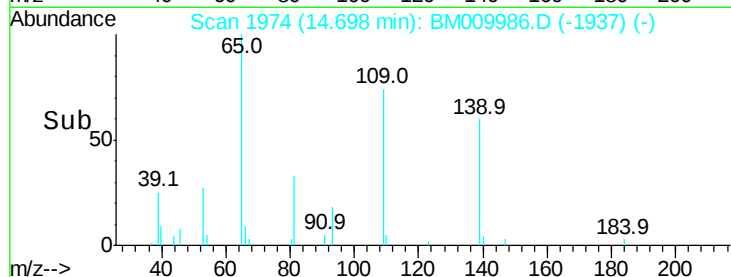
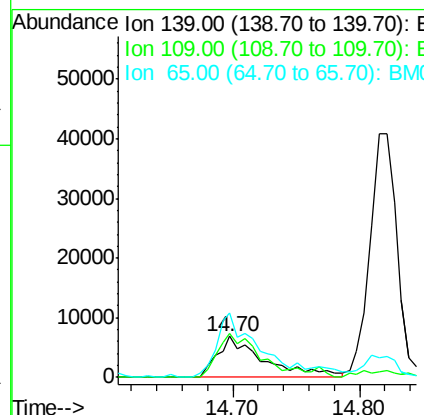
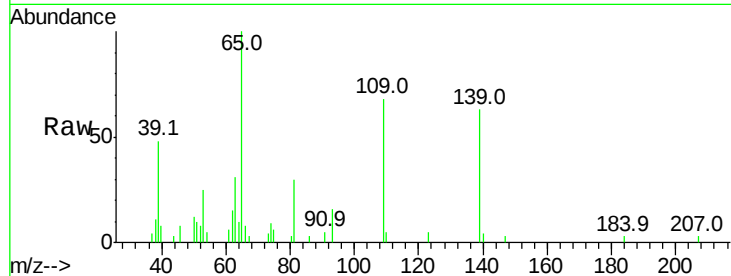
#55
4-Nitrophenol
Concen: 7.76 ng
RT: 14.70 min Scan# 1974
Delta R.T. 0.02 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.6	37.7	77.7#	
65	157.8	49.9	89.9#	

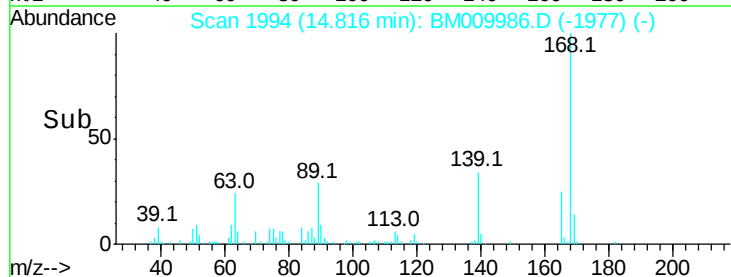
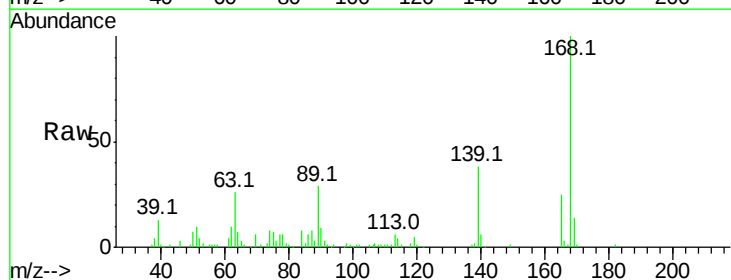
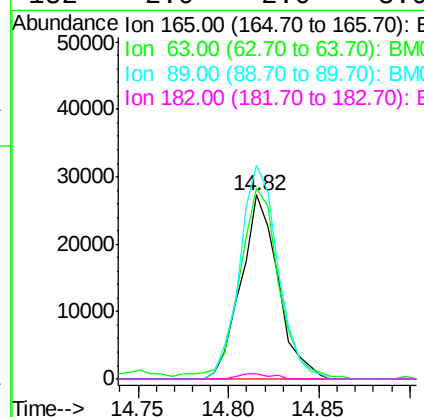
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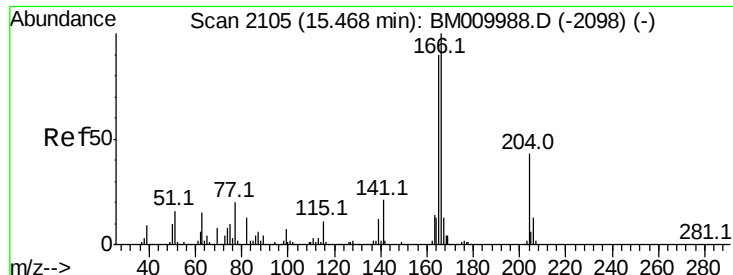
mohammad
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#56
2,4-Dinitrotoluene
Concen: 8.61 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	103.5	52.4	78.6#	
89	115.9	72.4	108.6#	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 9.26 ng

RT: 15.47 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

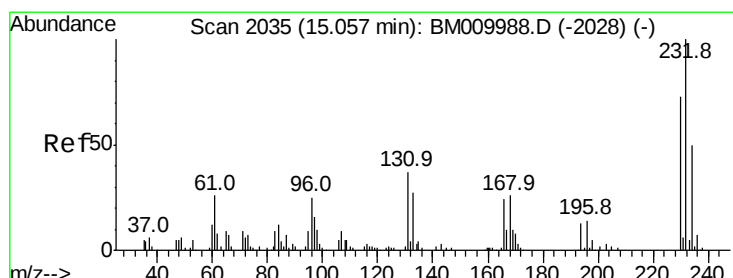
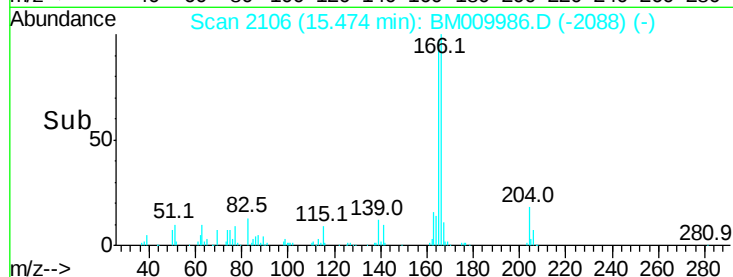
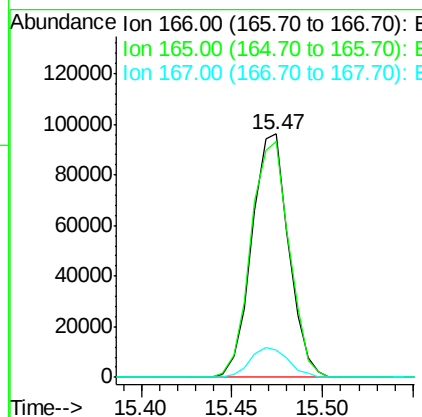
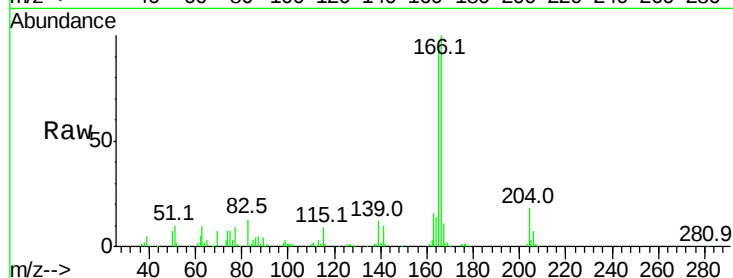
ClientSampleId :

SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
166	100	136241		
165	97.0	79.0	118.4	
167	11.3	10.3	15.5	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 9.91 ng

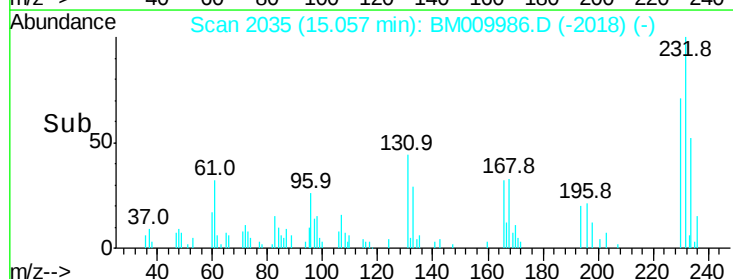
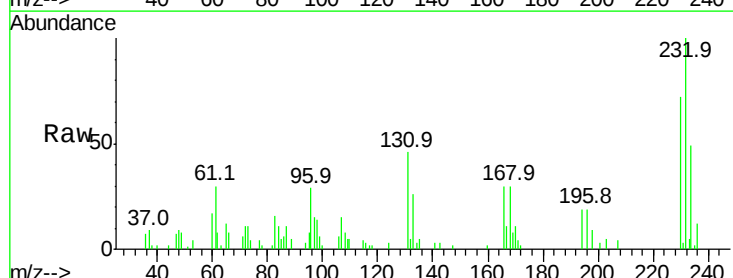
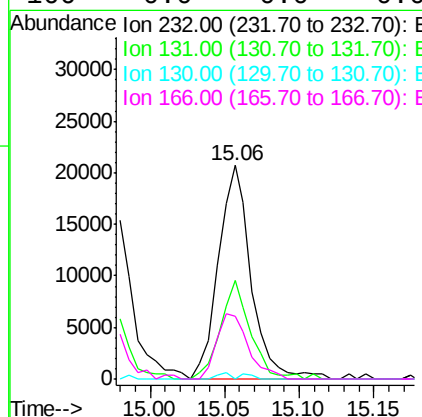
RT: 15.06 min Scan# 2035

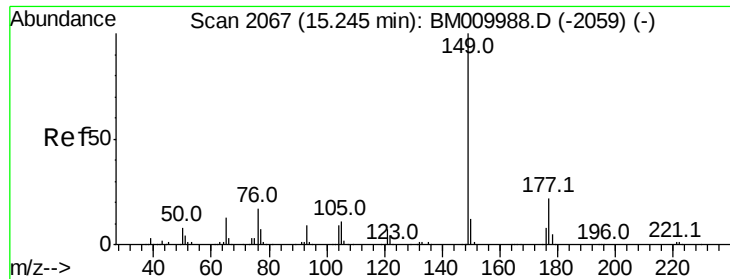
Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	31761		
131	42.8	0.0	0.0#	
130	1.1	0.0	0.0#	
166	0.0	0.0	0.0	





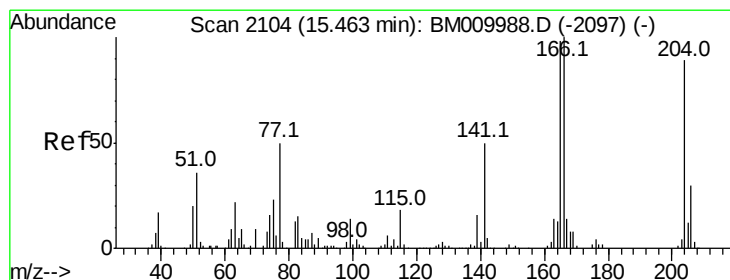
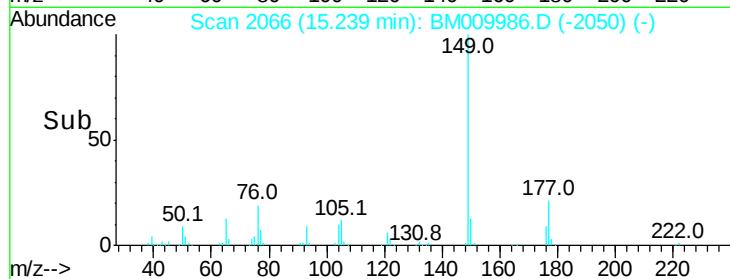
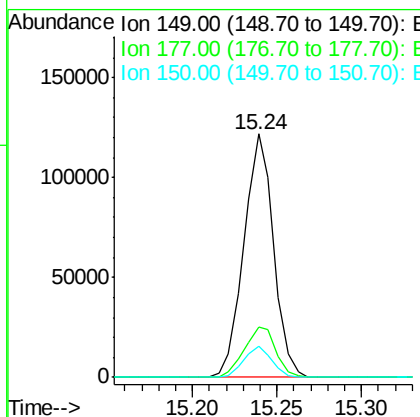
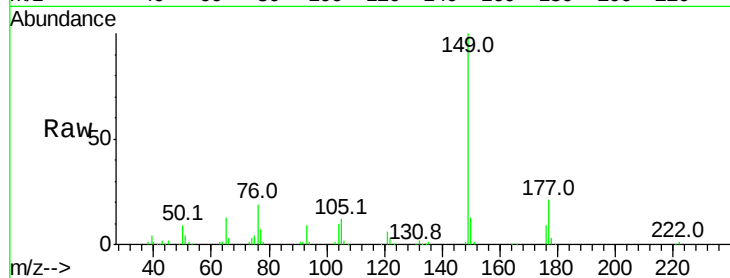
#59
Diethylphthalate
Concen: 8.75 ng
RT: 15.24 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	149032		
177	20.8	18.3	27.5	
150	12.9	9.8	14.8	

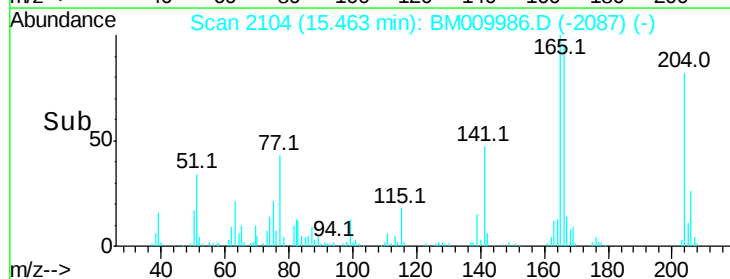
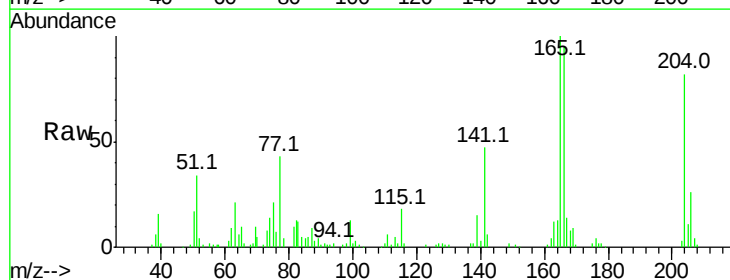
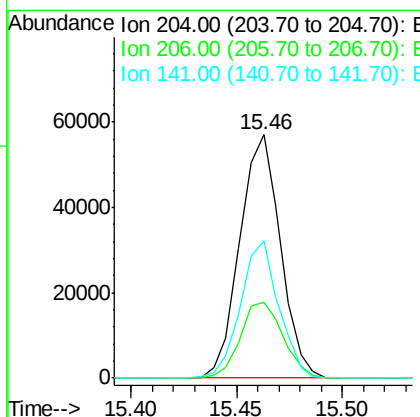
Manual Integrations
APPROVED

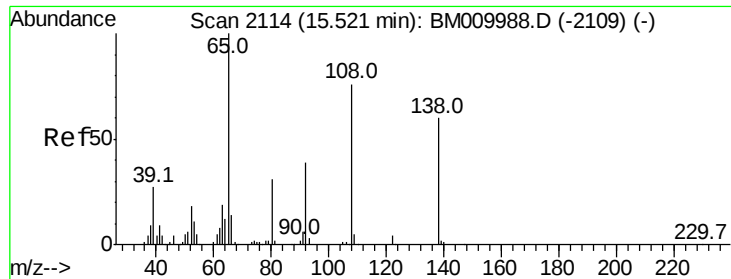
mohammad
5/12/2017 4:30:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 9.73 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	75943		
206	31.2	26.6	39.8	
141	56.5	45.2	67.8	





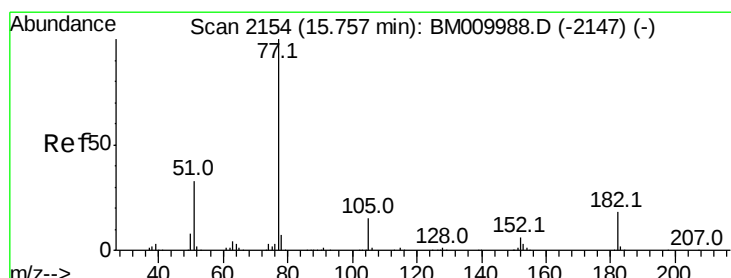
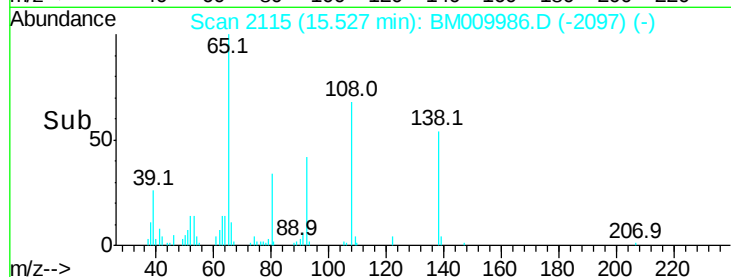
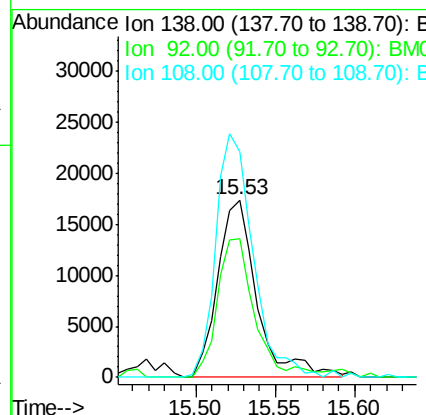
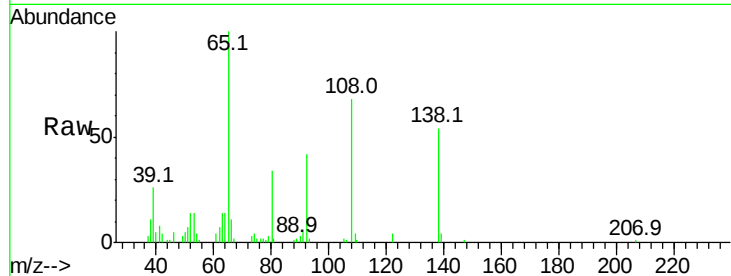
#61
4-Nitroaniline
Concen: 8.87 ng
RT: 15.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
138	100		
92	77.9	16.7	56.7#
108	127.5	37.6	77.6#

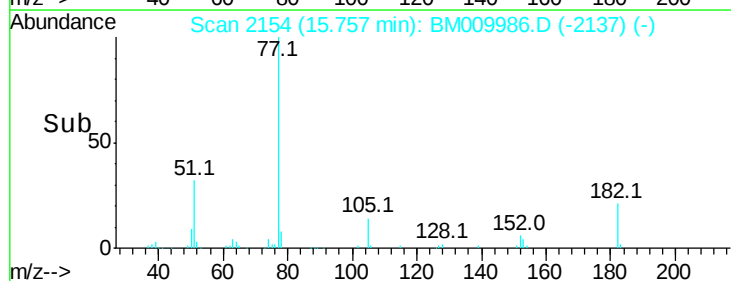
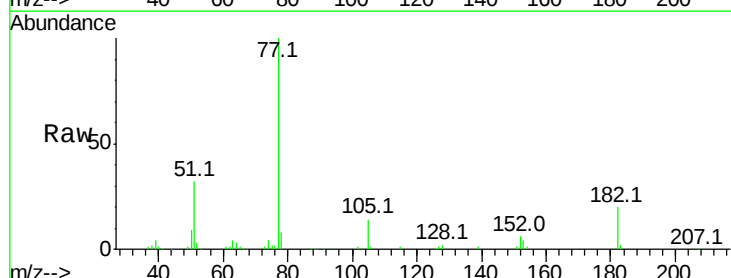
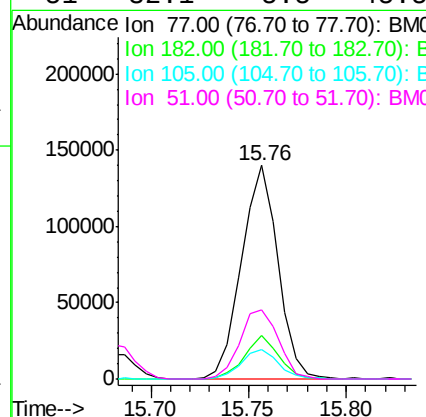
Manual Integrations
APPROVED

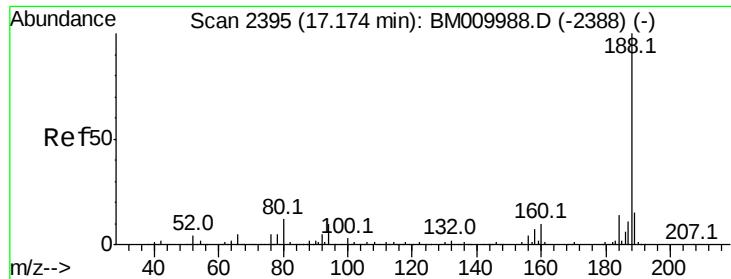
mohammad
5/12/2017 4:30:00 PM



#62
Azobenzene
Concen: 9.55 ng
RT: 15.76 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	6.5	46.5
105	13.9	3.8	43.8
51	32.1	5.5	45.5





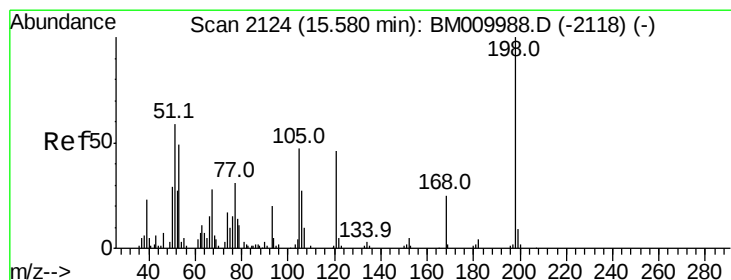
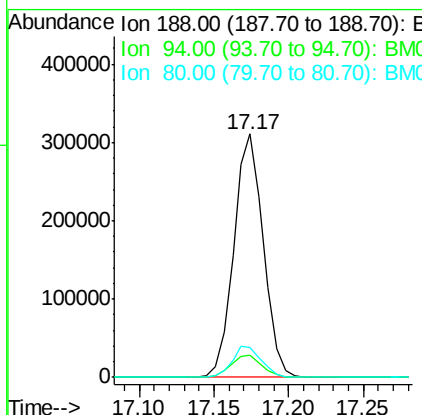
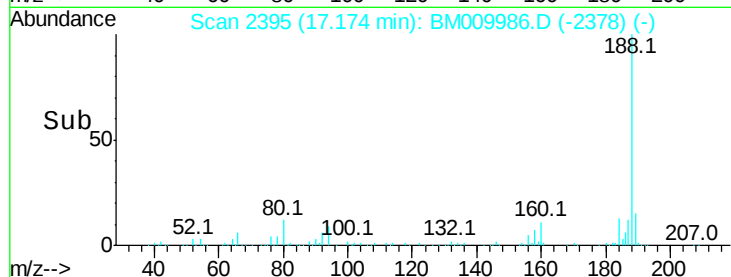
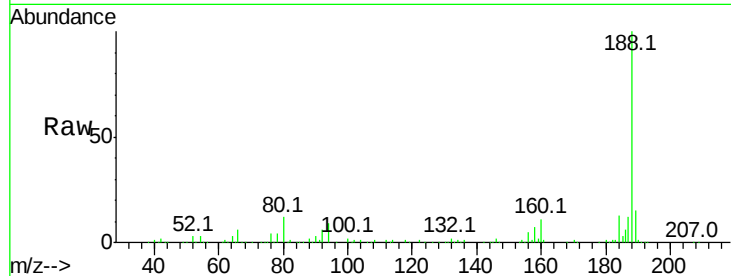
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
188	100	425991		
94	9.1	8.7	13.1	
80	12.1	9.3	13.9	

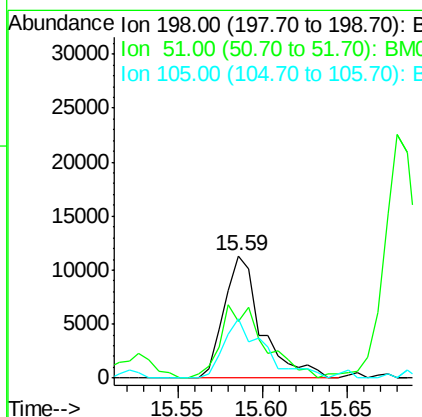
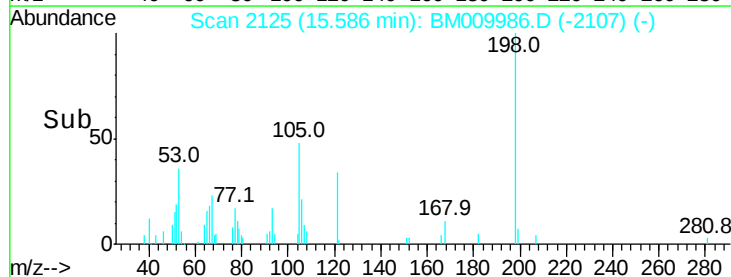
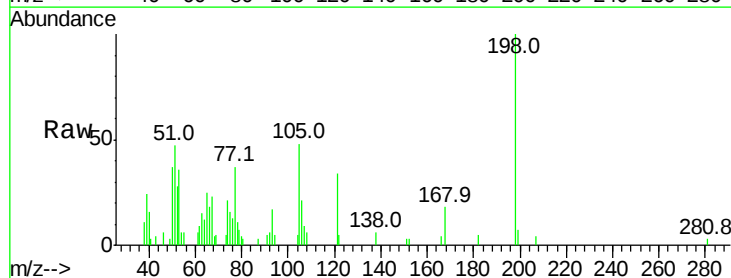
Manual Integrations
APPROVED

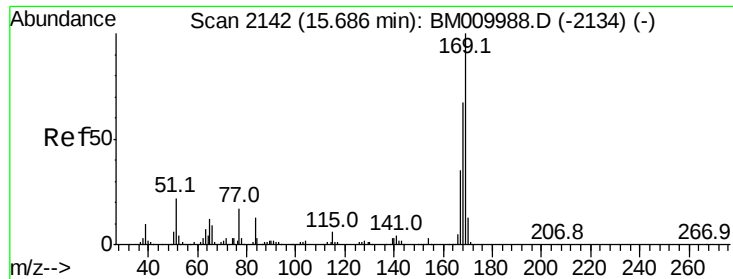
mohammad
5/12/2017 4:30:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 6.53 ng
RT: 15.59 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	17280		
51	46.8	28.8	68.8	
105	48.4	30.5	70.5	





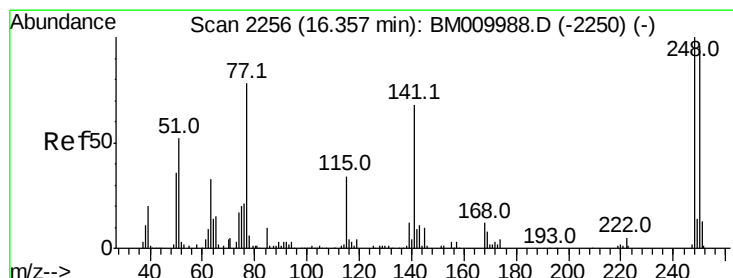
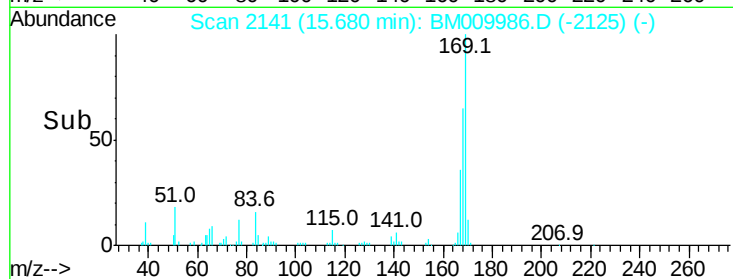
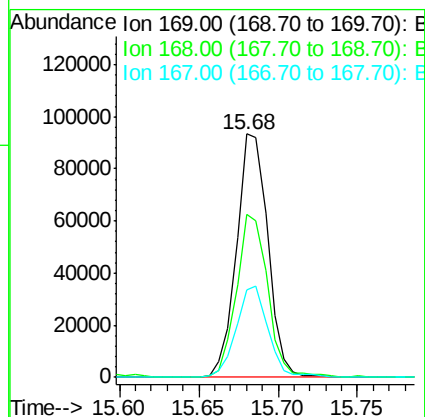
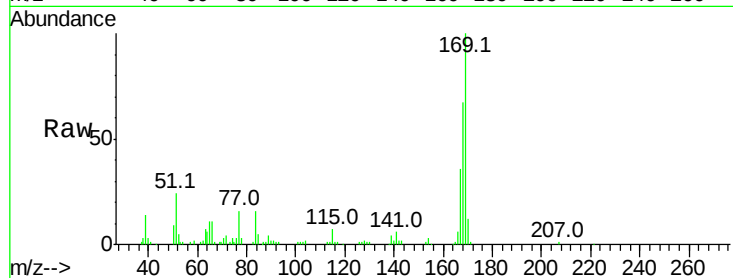
#65
n-Nitrosodiphenylamine
Concen: 9.47 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
169	100	127872		
168	66.7	53.9	80.9	
167	36.0	28.9	43.3	

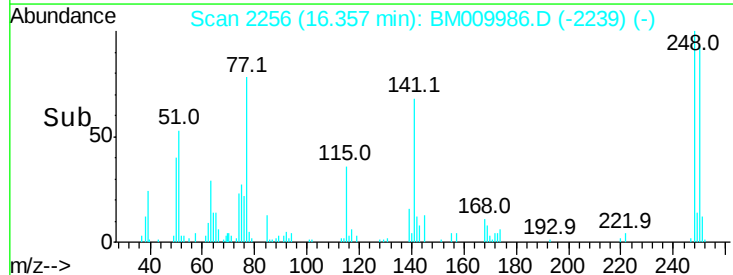
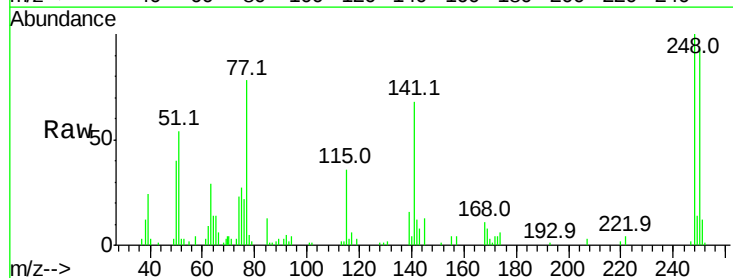
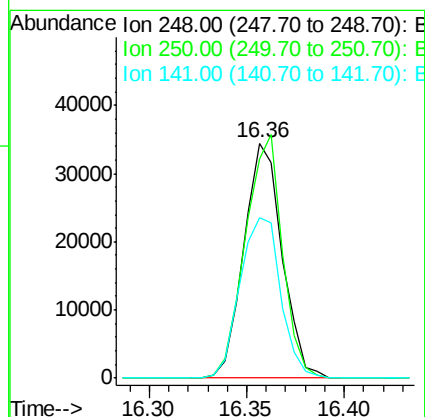
Manual Integrations
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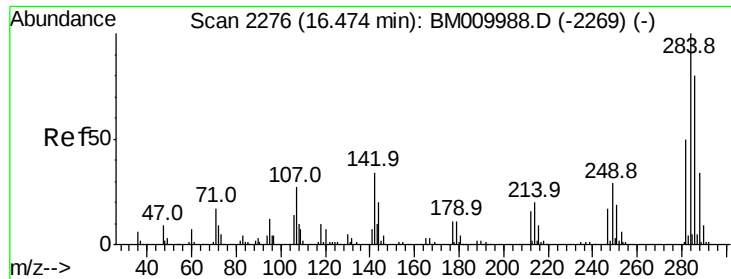
mohammad
5/12/2017 4:30:00 PM



#66
4-Bromophenyl-phenylether
Concen: 9.39 ng
RT: 16.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	46793		
250	93.0	77.4	116.0	
141	68.1	45.2	67.8	





#67

Hexachlorobenzene

Concen: 9.33 ng

RT: 16.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

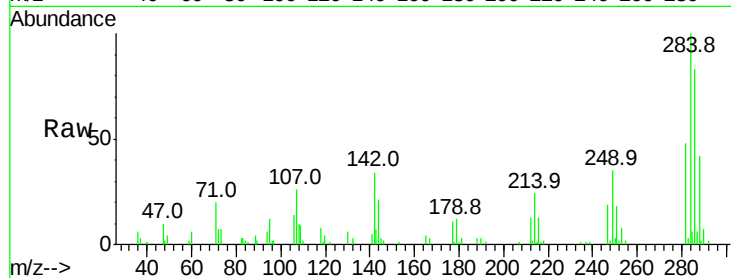
ClientSampleId :

SSTDIC010

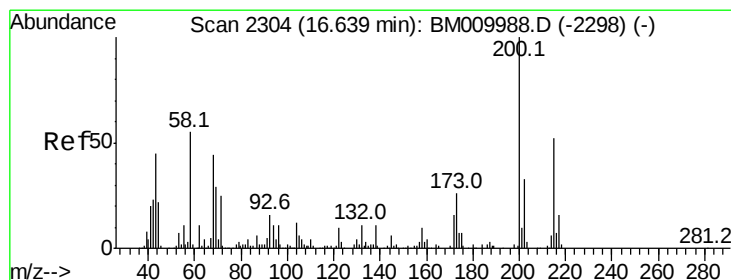
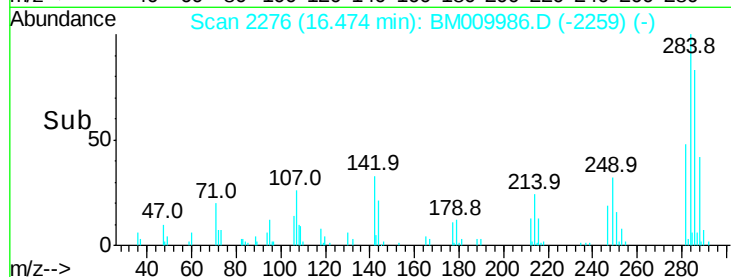
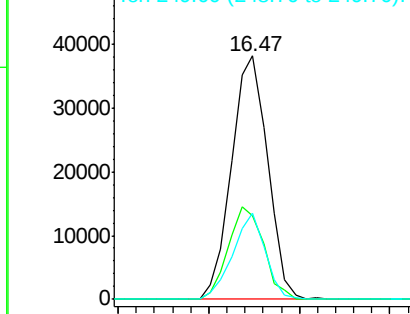
Tot Ion:	284	Resp:	52956
Ion Ratio	Lower	Upper	
284	100		
142	34.4	20.4	30.6#
249	35.3	23.8	35.6

Manual Integrations
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5/12/2017 4:30:00 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 8.66 ng

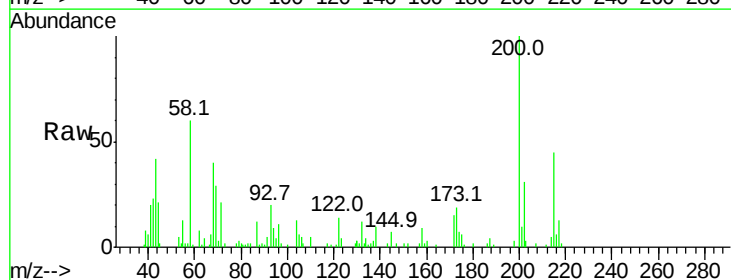
RT: 16.63 min Scan# 2303

Delta R.T. -0.01 min

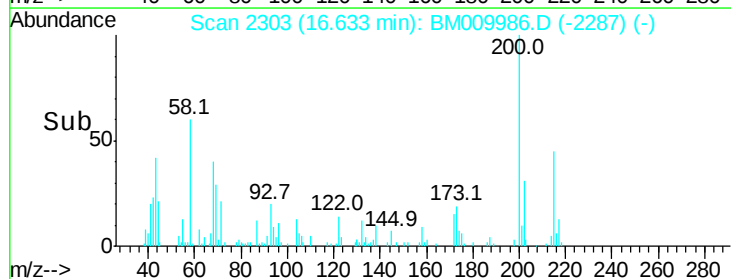
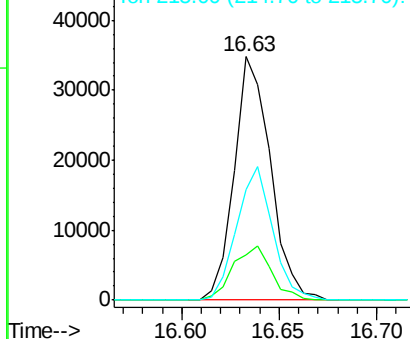
Lab File: BM009986.D

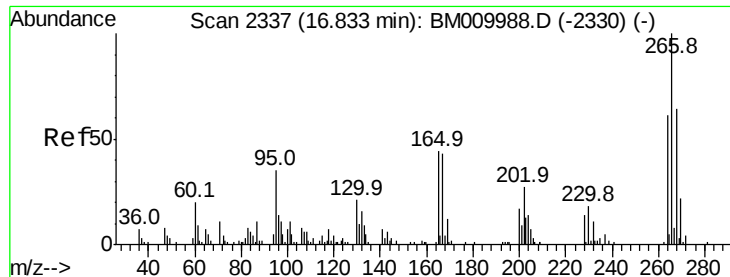
Acq: 11 May 2017 16:06

Tgt Ion:	200	Resp:	44764
Ion Ratio	Lower	Upper	
200	100		
173	18.6	4.8	44.8
215	45.4	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





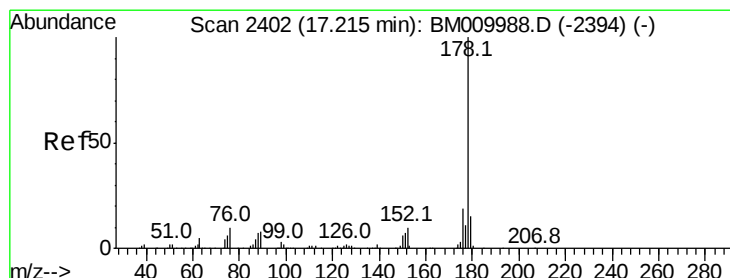
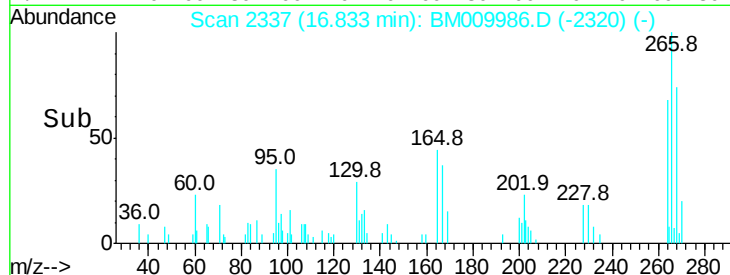
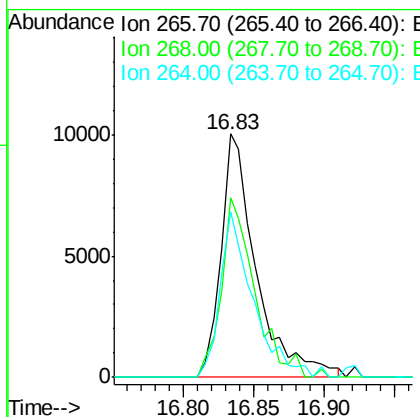
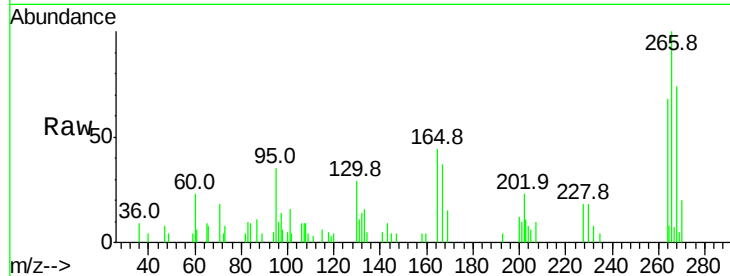
#69
 Pentachlorophenol
 Concen: 8.08 ng
 RT: 16.83 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
266	100		
268	73.6	52.0	78.0
264	67.9	49.0	73.4

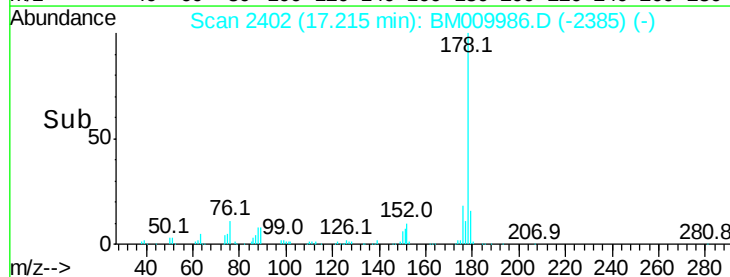
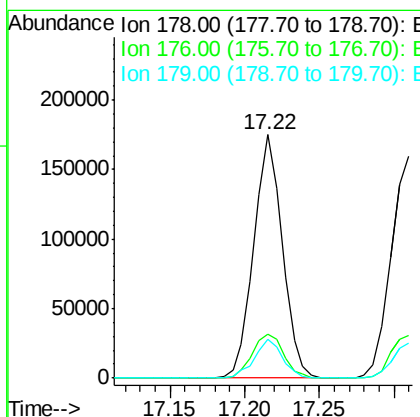
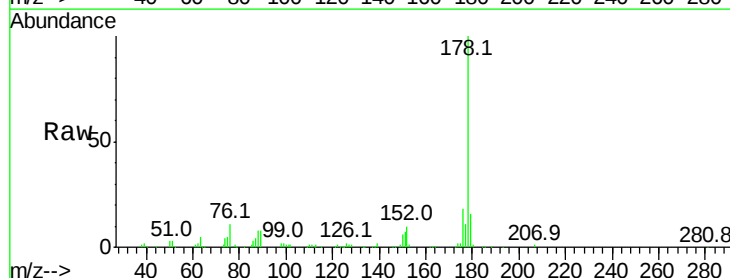
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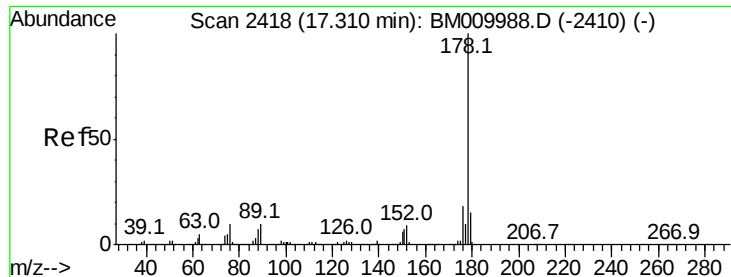
mohammad
 5/12/2017 4:30:00 PM



#70
 Phenanthrene
 Concen: 9.39 ng
 RT: 17.22 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	16.1	12.1	18.1





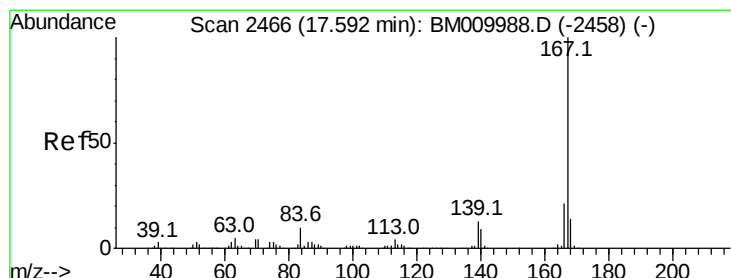
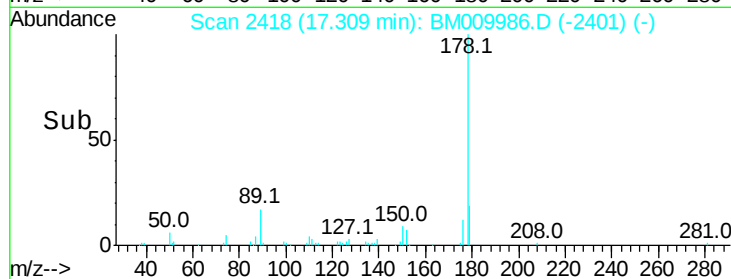
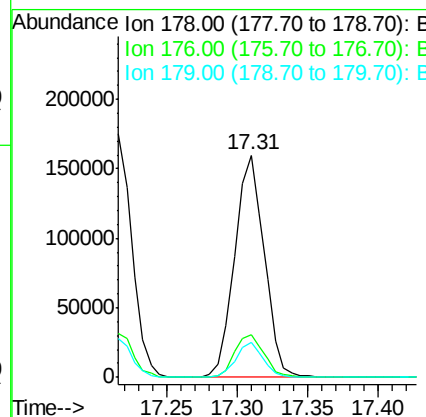
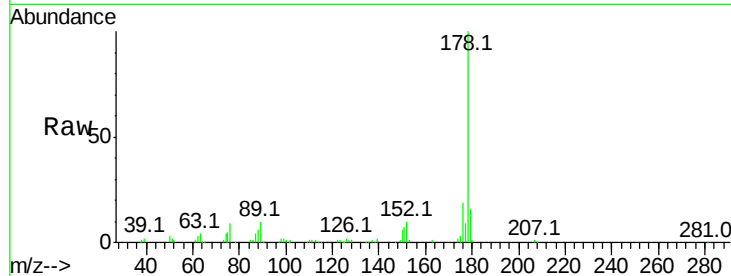
#71
 Anthracene
 Concen: 9.41 ng
 RT: 17.31 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.5	12.6	19.0

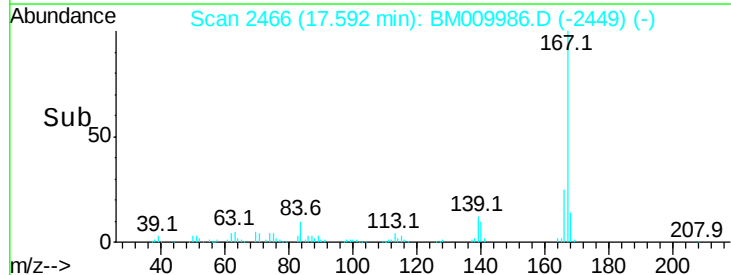
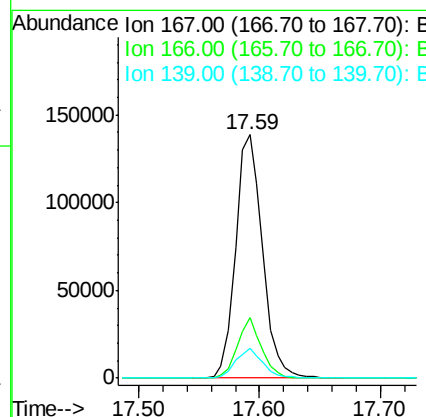
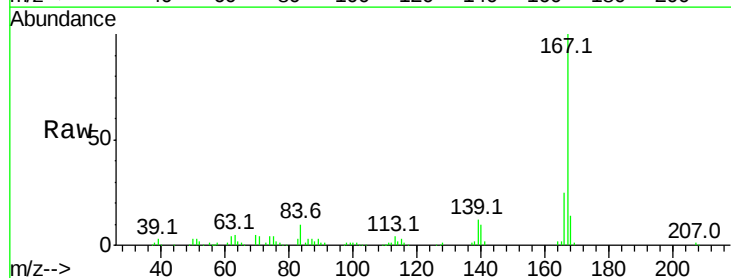
Manual Integrations
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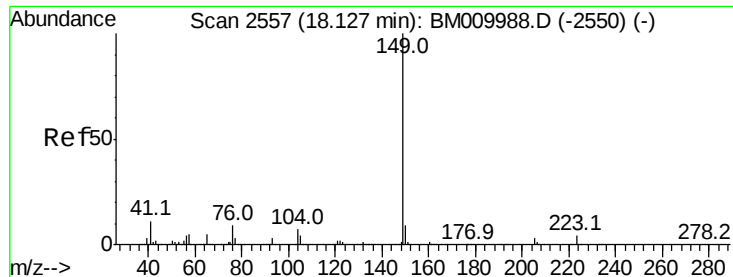
mohammad
 5/12/2017 4:30:00 PM



#72
 Carbazole
 Concen: 9.53 ng
 RT: 17.59 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.7	17.2	25.8
139	12.1	10.8	16.2





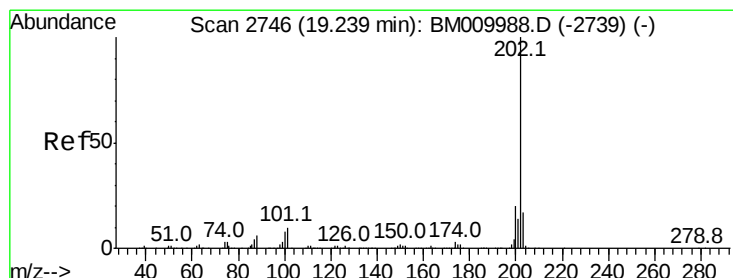
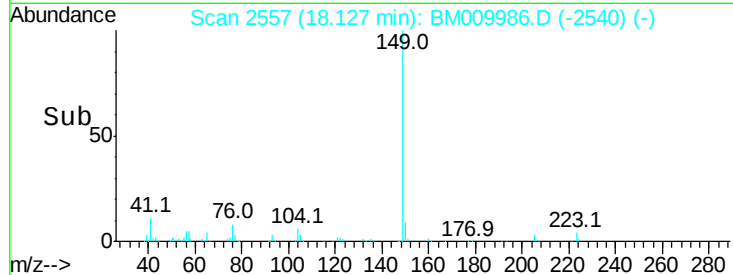
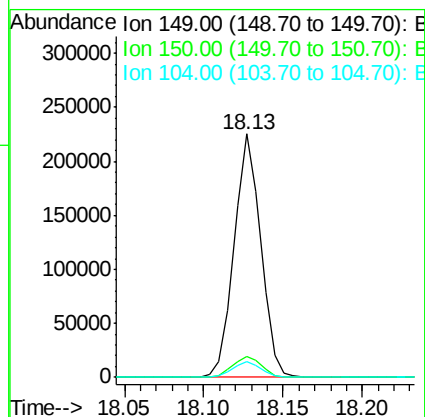
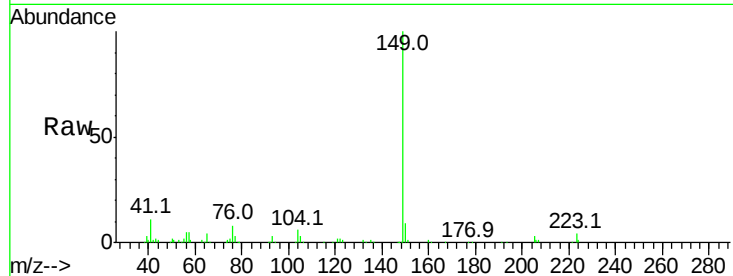
#73
Di-n-butylphthalate
Concen: 8.10 ng
RT: 18.13 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	8.6	7.5	11.3
104	6.5	3.7	5.5

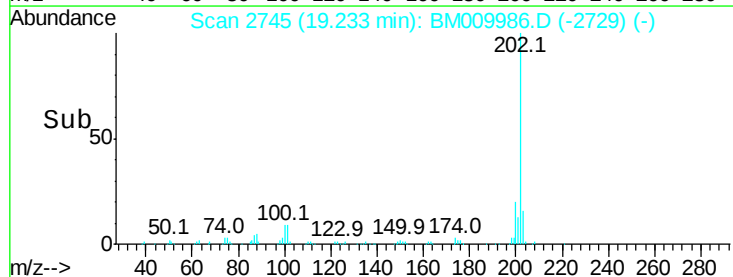
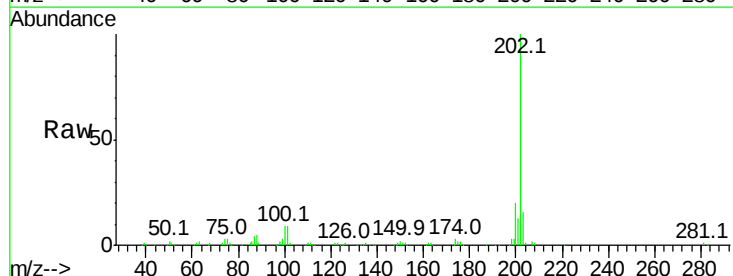
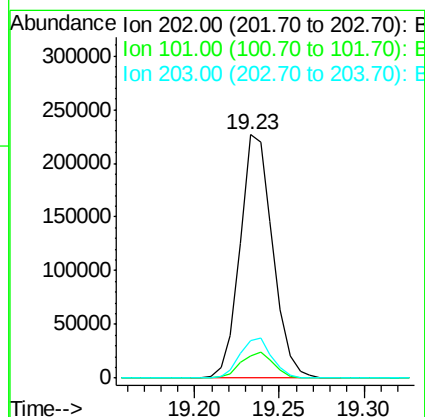
Manual Integrations
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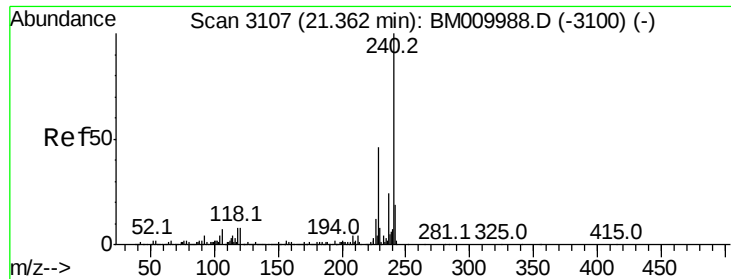
mohammad
5/12/2017 4:30:00 PM



#74
Fluoranthene
Concen: 9.78 ng
RT: 19.23 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	0.0	28.7
203	15.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

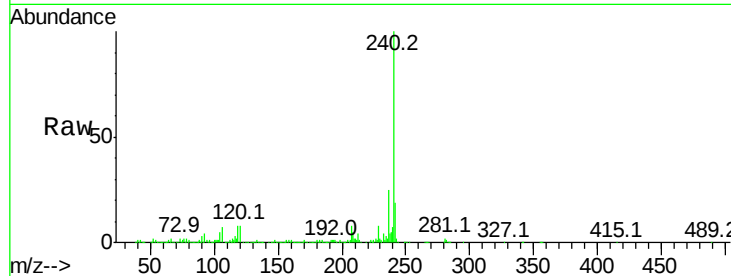
ClientSampleId :

SSTDIC010

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.2	12.2#
236	24.6	20.0	30.0

Manual Integrations
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mohammad
5/12/2017 4:30:00 PM

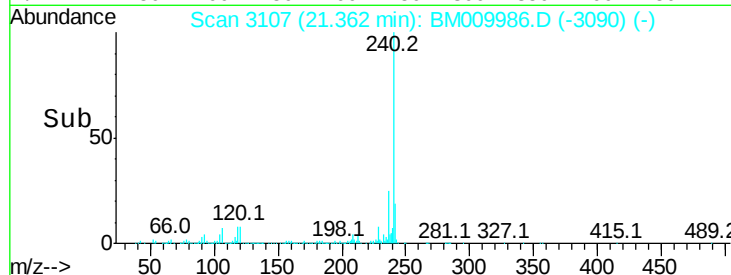


Abundance Ion 240.00 (239.70 to 240.70): E

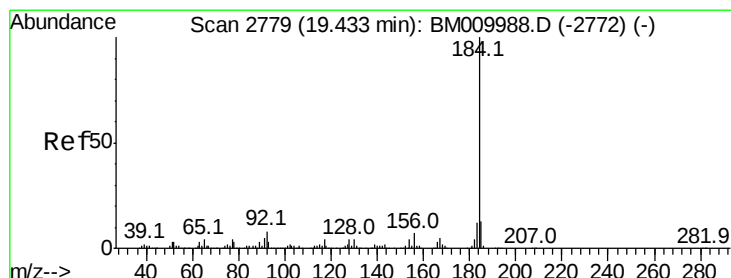
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.36



Time-->



#76

Benzidine

Concen: 7.70 ng

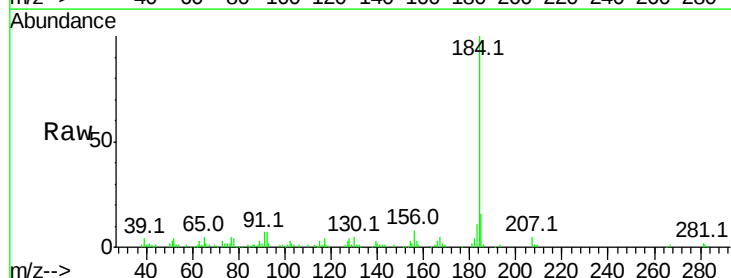
RT: 19.43 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.3	16.9
183	11.4	8.9	13.3

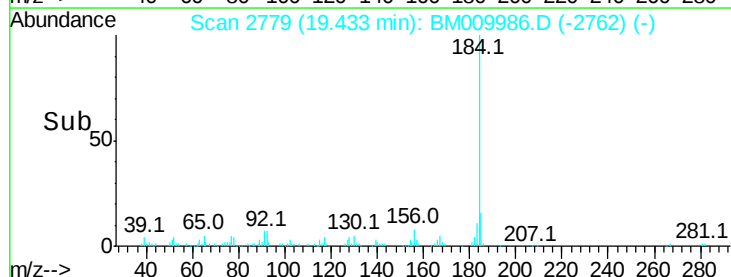


Abundance Ion 184.00 (183.70 to 184.70): E

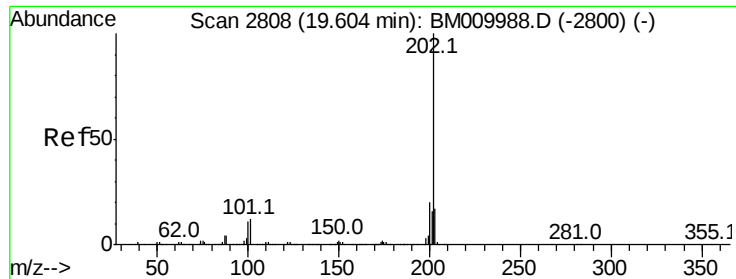
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.43



Time-->



#77

Pvrene

Concen: 9.15 ng

RT: 19.60 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

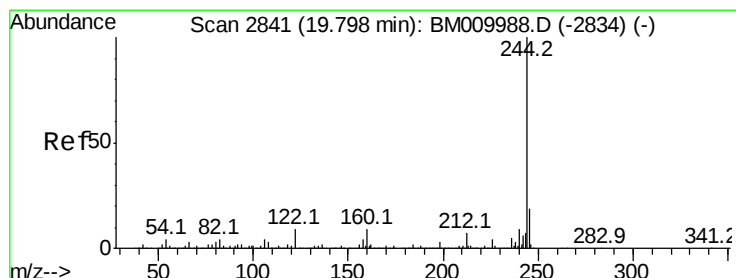
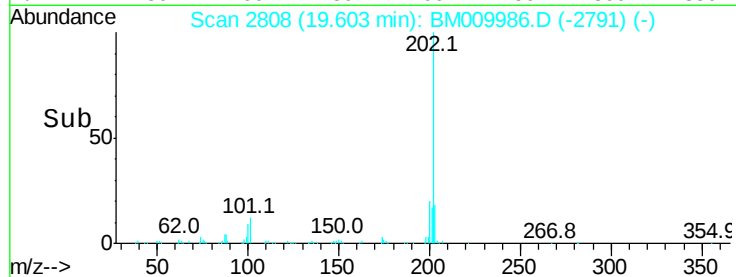
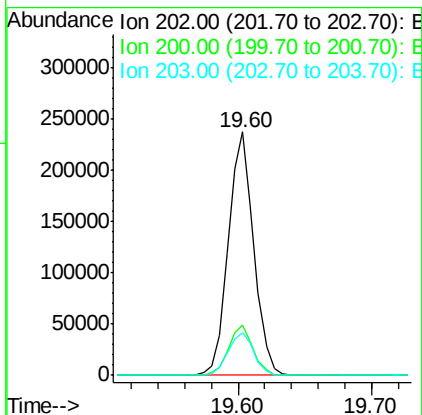
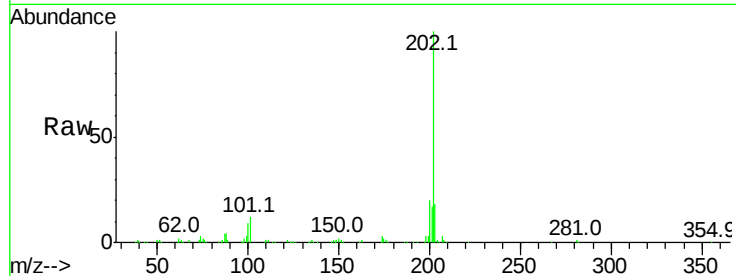
ClientSampleId :

SSTDICC010

Tot Ion:	202	Resp:	314844
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.9	25.3
203	17.6	14.1	21.1

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mohammad
5/12/2017 4:30:00 PM



#78

Terphenyl-d14

Concen: 17.39 ng

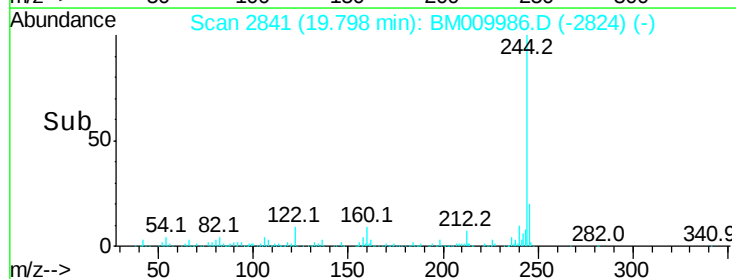
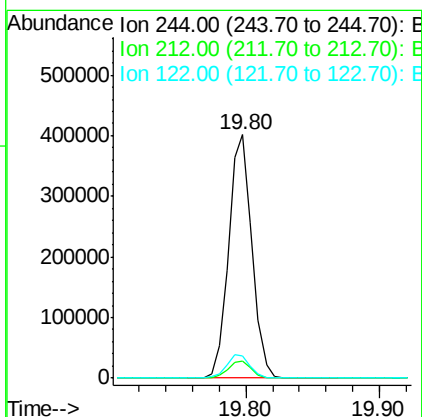
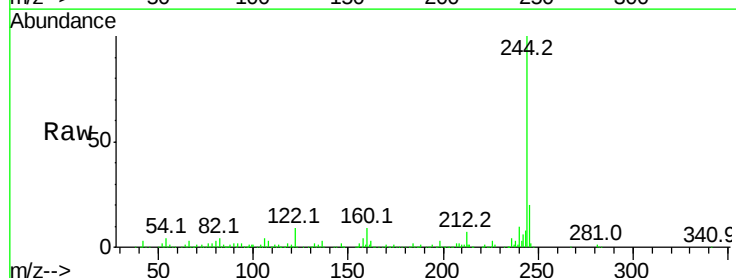
RT: 19.80 min Scan# 2841

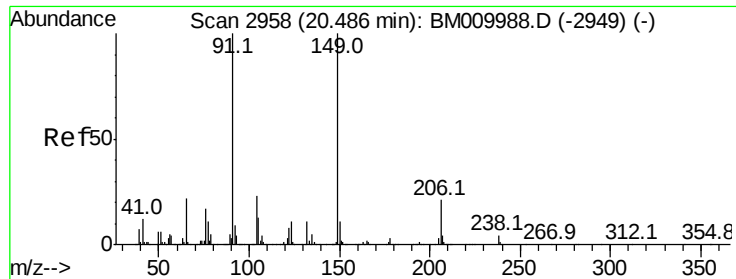
Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Tgt Ion:	244	Resp:	488364
Ion Ratio	Lower	Upper	
244	100		
212	7.1	4.9	7.3
122	8.9	6.2	9.4





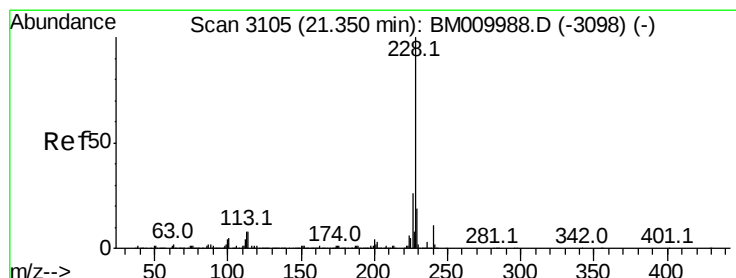
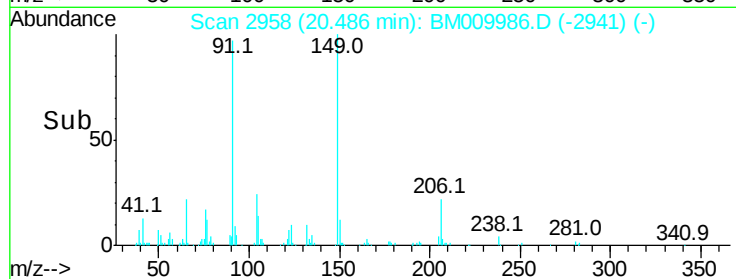
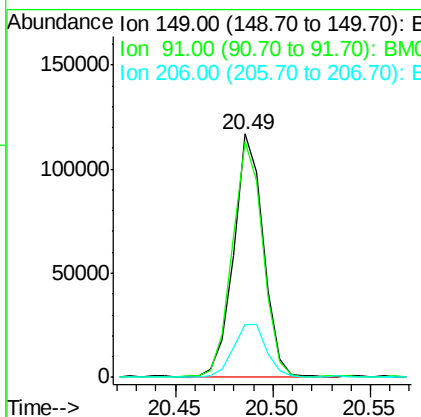
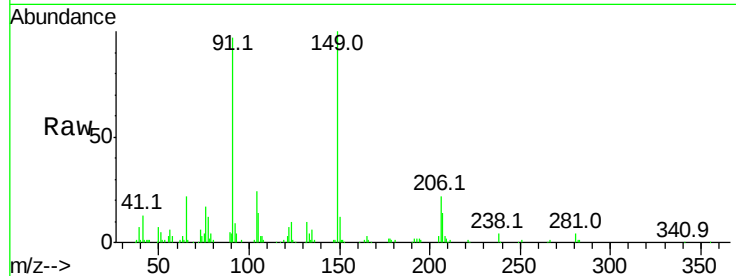
#79
Butylbenzylphthalate
Concen: 7.48 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	124085		
91	96.7	50.1	75.1#	
206	21.9	16.2	24.2	

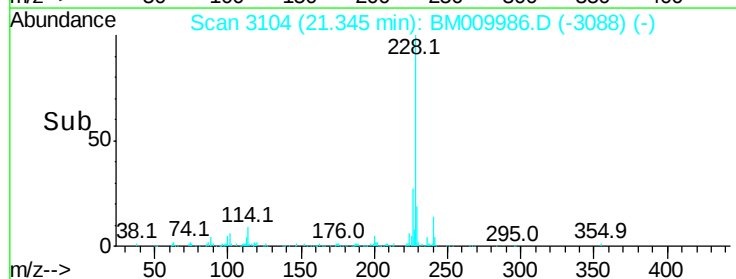
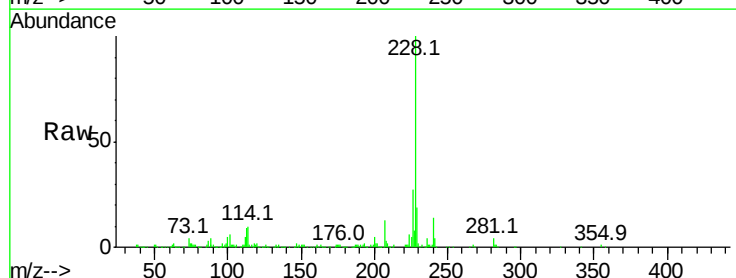
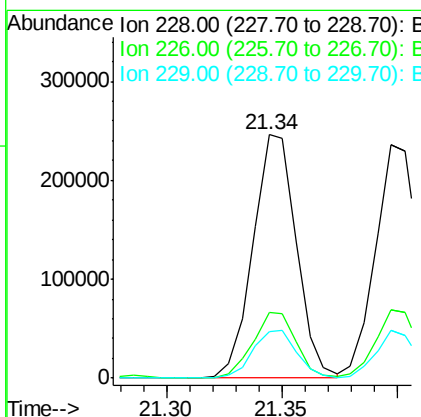
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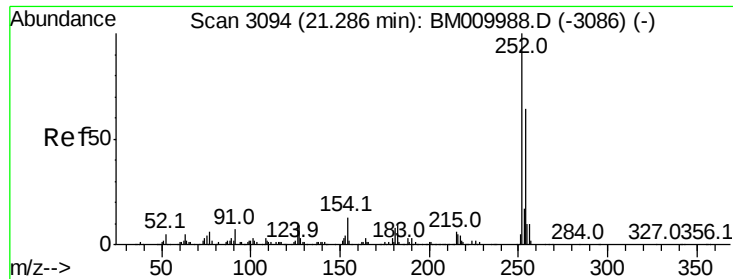
mohammad
5/12/2017 4:30:00 PM



#80
Benzo(a)anthracene
Concen: 9.28 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	322007		
226	27.0	21.7	32.5	
229	19.0	16.0	24.0	





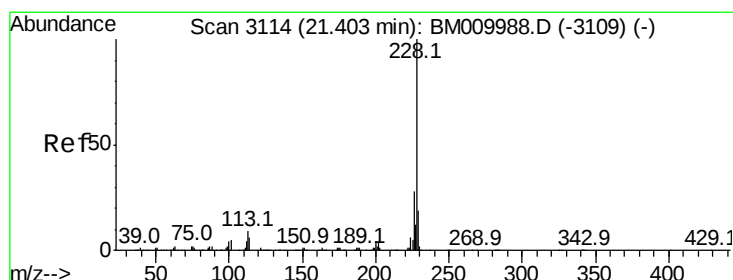
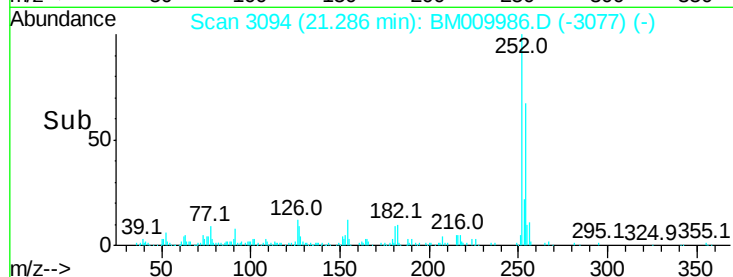
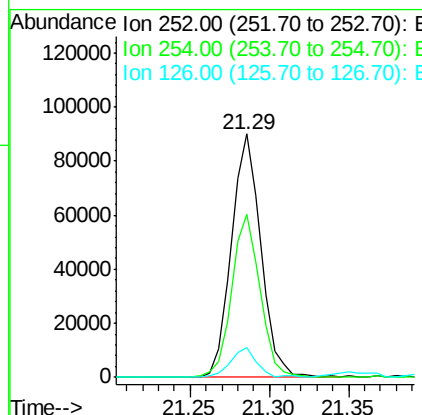
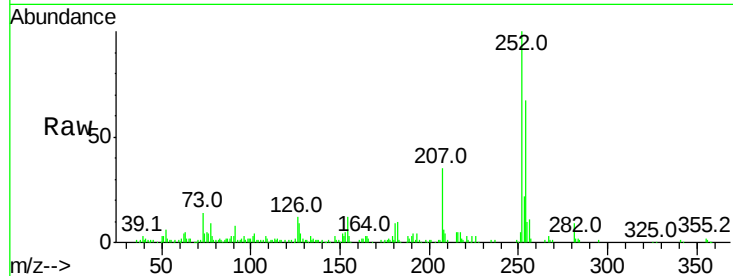
#81
 3,3'-Dichlorobenzidine
 Concen: 8.39 ng
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.00 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDIC010

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.9	77.9
126	12.4	9.8	14.8

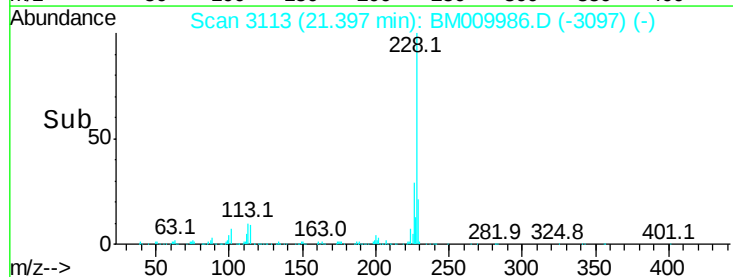
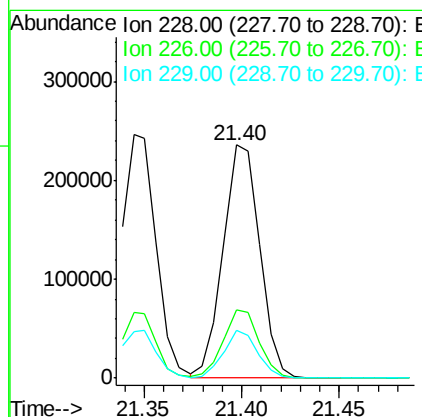
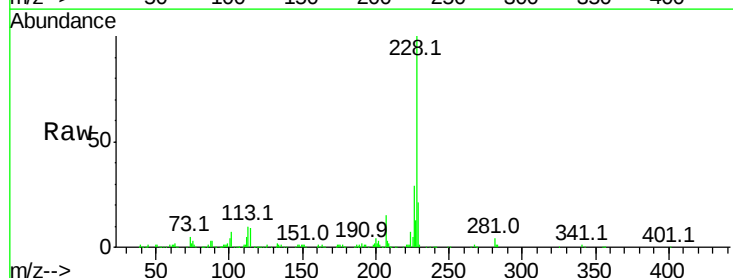
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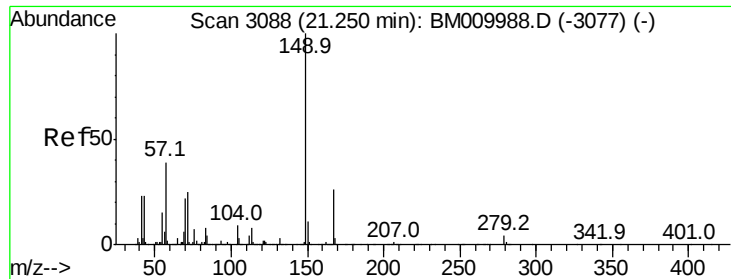
mohammad
 5/12/2017 4:30:00 PM



#82
 Chrysene
 Concen: 9.44 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BM009986.D
 Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.49 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM009986.D

Acq: 11 May 2017 16:06

Instrument :

BNA_M

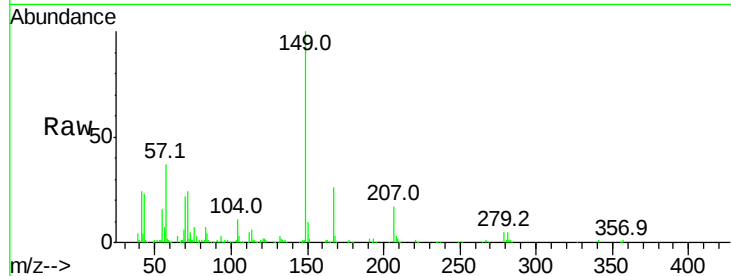
ClientSampleId :

SSTDIC010

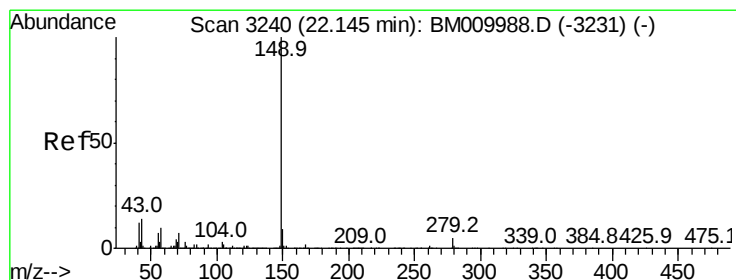
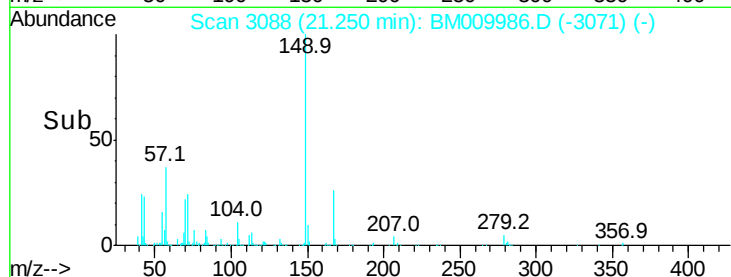
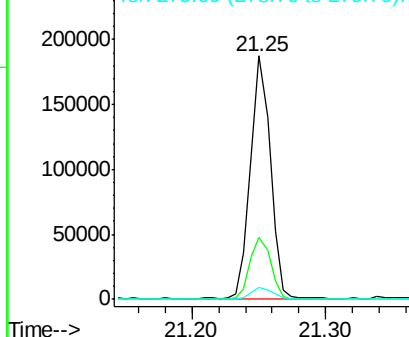
Tot Ion:	149	Resp:	191104
Ion Ratio	Lower	Upper	
149	100		
167	25.5	22.4	33.6
279	4.9	3.4	5.0

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



#84

Di-n-octyl phthalate

Concen: 7.43 ng

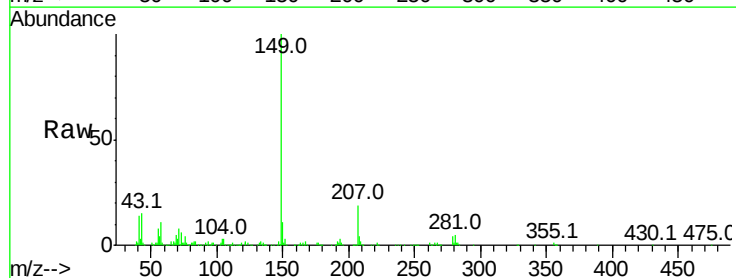
RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

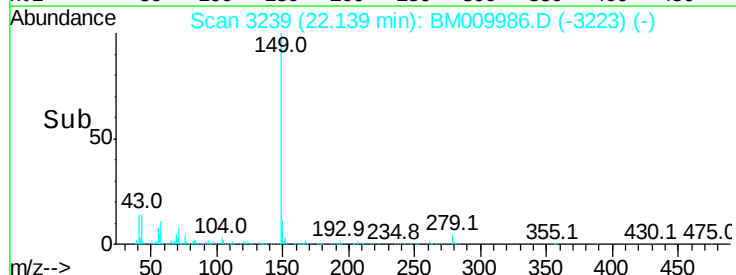
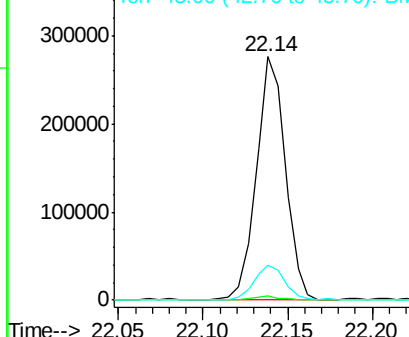
Lab File: BM009986.D

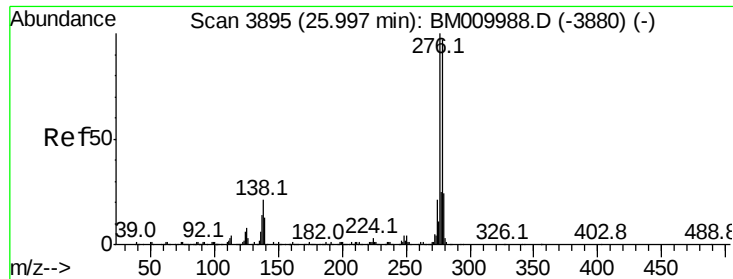
Acq: 11 May 2017 16:06

Tgt Ion:	149	Resp:	329083
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	15.0	7.3	10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0





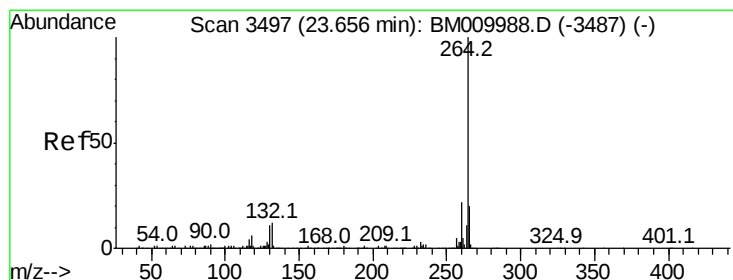
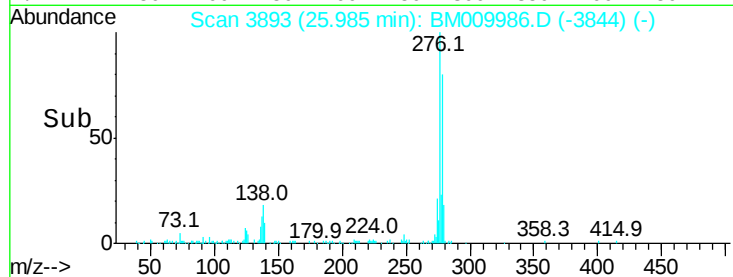
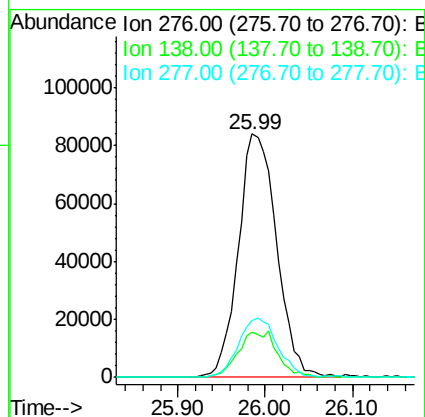
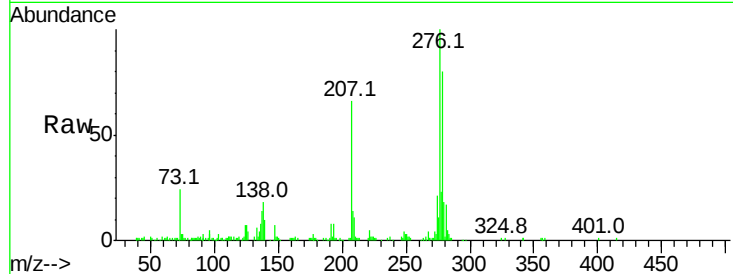
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.78 ng
RT: 25.99 min Scan# 3893
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	19.2	0.0	0.0#
277	24.8	0.0	0.0#

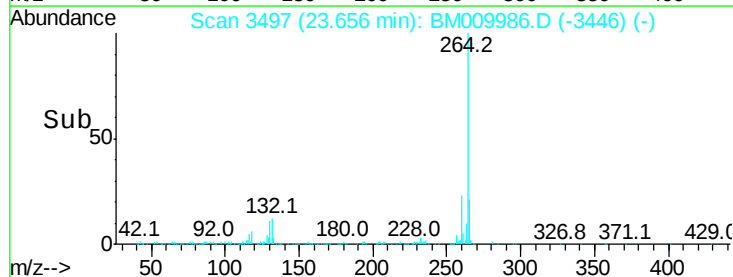
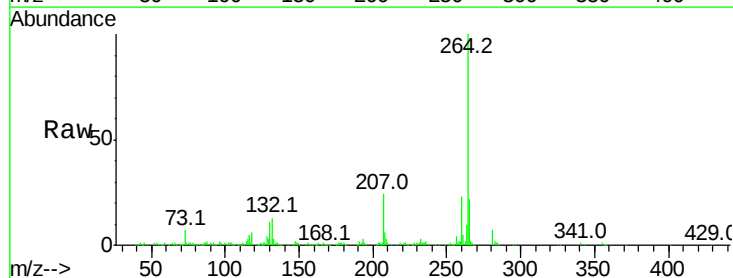
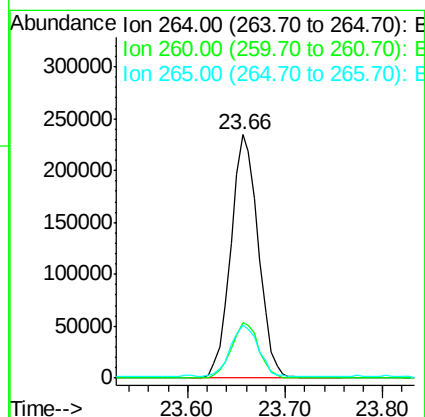
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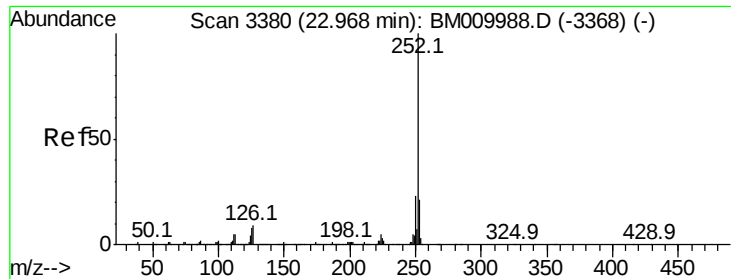
mohammad
5/12/2017 4:30:00 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3497
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.9	17.3	25.9





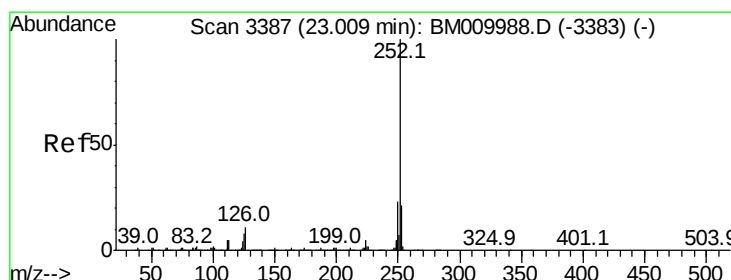
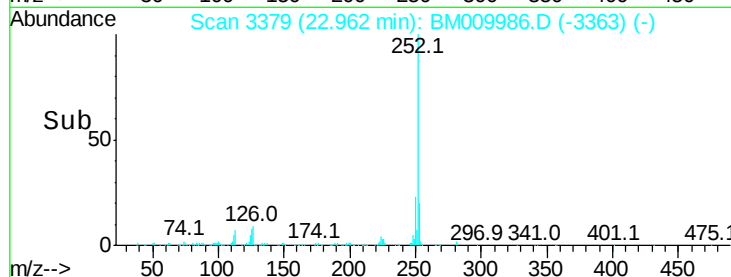
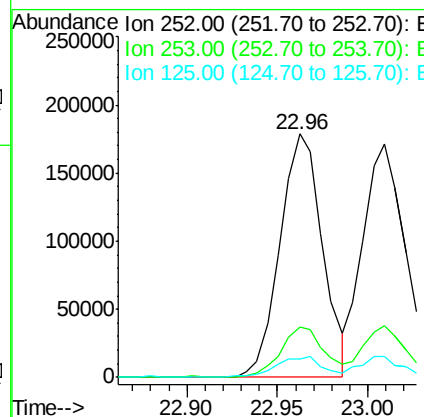
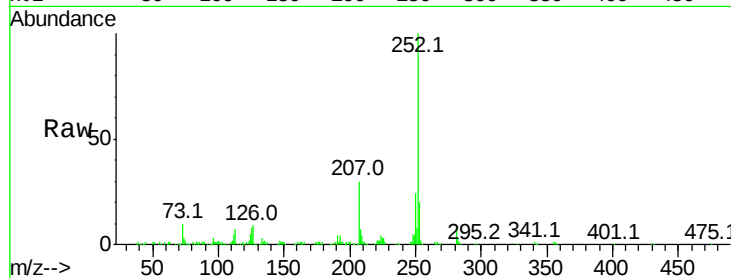
#87
Benzo(b)fluoranthene
Concen: 10.06 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
252	100	293778		
253	20.4		18.0	27.0
125	7.7		9.9	14.9

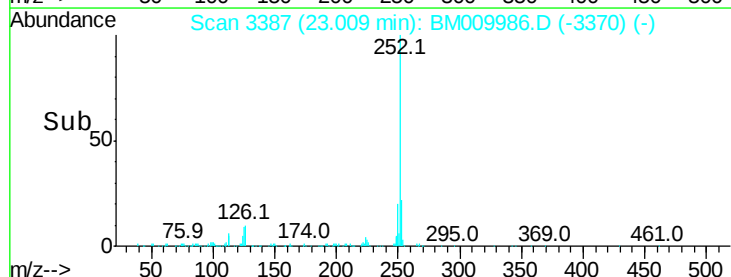
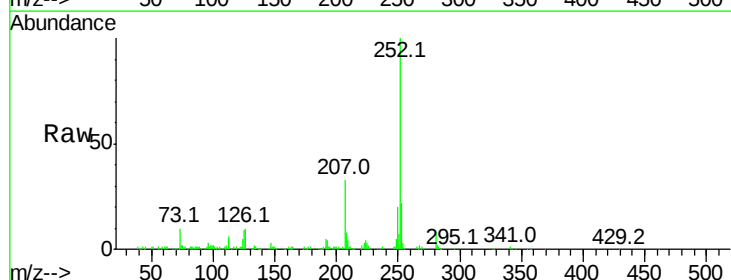
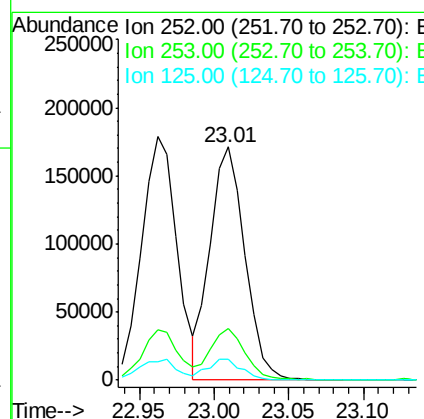
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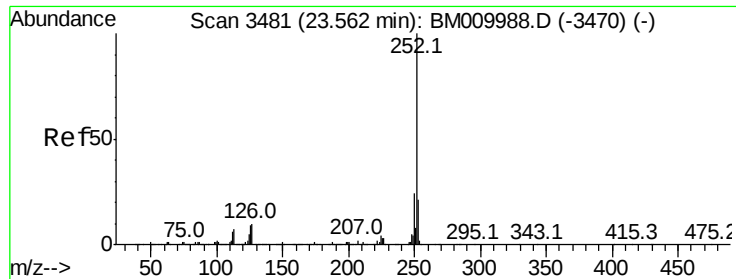
mohammad
5/12/2017 4:30:00 PM



#88
Benzo(k)fluoranthene
Concen: 9.75 ng
RT: 23.01 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	276860		
253	22.0		17.2	25.8
125	9.2		8.1	12.1





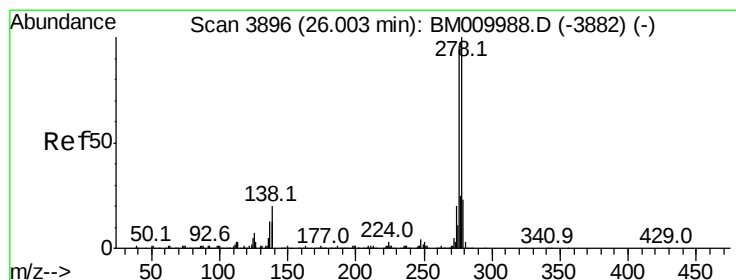
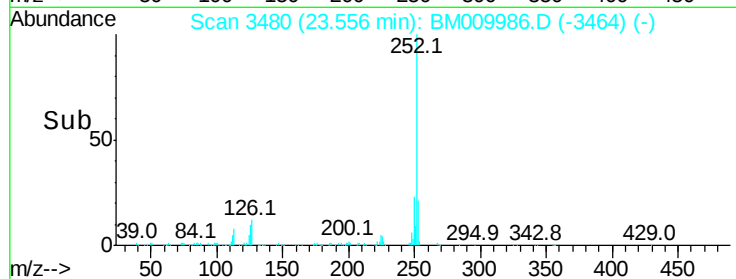
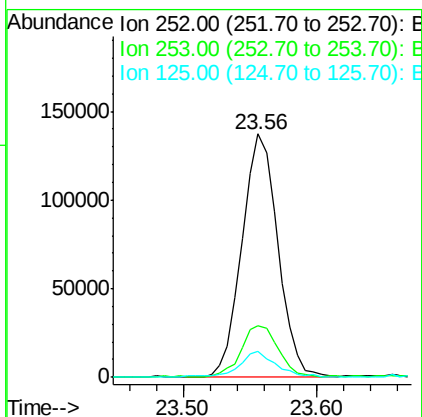
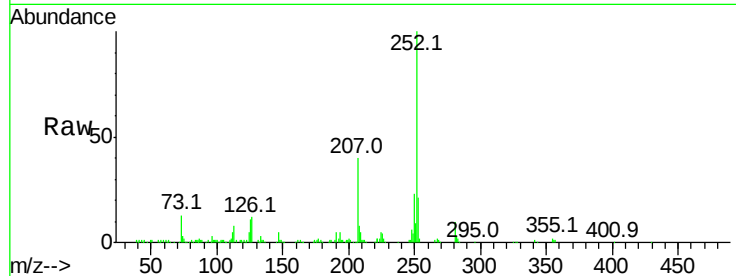
#89
Benzo(a)pyrene
Concen: 9.34 ng
RT: 23.56 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	17.6	26.4
125	10.6	7.4	11.2

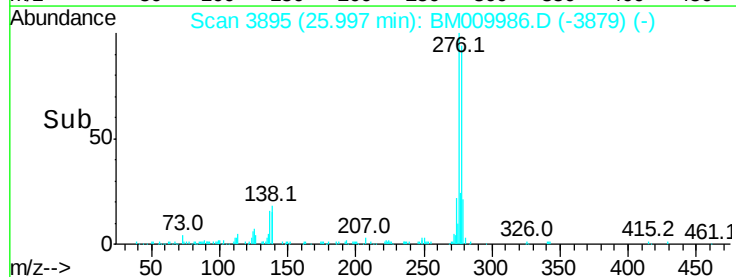
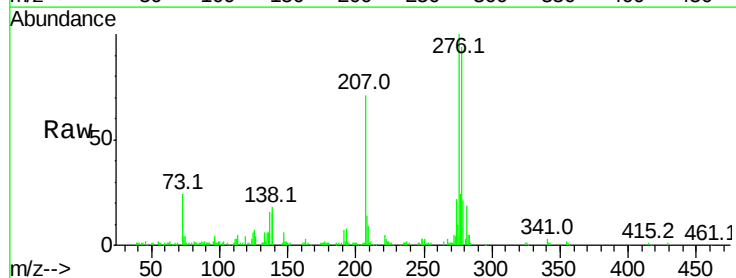
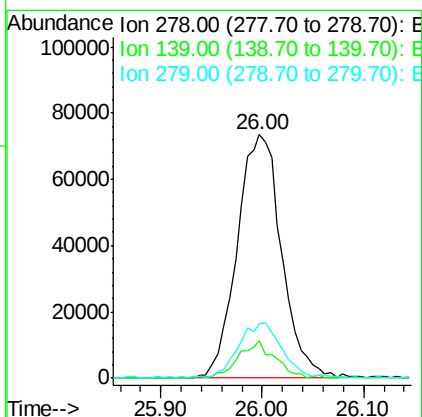
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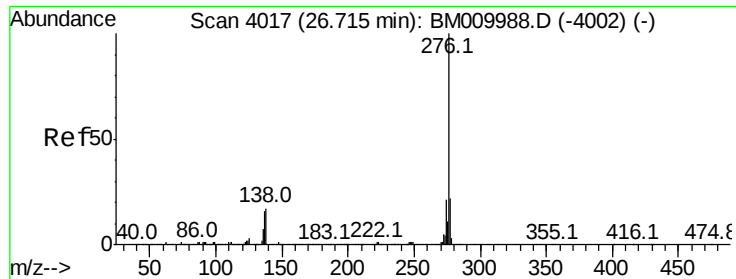
mohammad
5/12/2017 4:30:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 8.10 ng
RT: 26.00 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.6	13.4	20.0
279	22.0	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 8.12 ng
RT: 26.71 min Scan# 4016
Delta R.T. -0.01 min
Lab File: BM009986.D
Acq: 11 May 2017 16:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	15.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:00 PM

