

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010267.D
 Acq On : 26 May 2017 21:11
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:10:03 PM

Quant Time: May 27 01:07:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	135233	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	483862	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	328749	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	817488	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	1239582	20.00	ng	-0.03
86) Perylene-d12	23.83	264	1305554	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	586487	78.32	ng	-0.04
7) Phenol-d6	7.13	99	764622	79.35	ng	-0.04
23) Nitrobenzene-d5	9.13	82	879004	98.01	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	432064	86.53	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	2187822	85.55	ng	-0.04
78) Terphenyl-d14	19.92	244	4574246	83.91	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	146531	42.59	ng	# 100
3) Pyridine	3.84	79	352938	38.32	ng	91
4) n-Nitrosodimethylamine	3.76	42	184900	55.50	ng	# 71
6) Aniline	7.29	93	443753	37.17	ng	93
8) 2-Chlorophenol	7.51	128	311287	38.21	ng	92
9) Benzaldehyde	7.10	77	240499	40.09	ng	84
10) Phenol	7.15	94	393587	38.76	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	292970	38.70	ng	94
12) 1,3-Dichlorobenzene	7.82	146	410029	39.60	ng	# 92
13) 1,4-Dichlorobenzene	7.97	146	412371	38.77	ng	95
14) 1,2-Dichlorobenzene	8.29	146	397930	38.98	ng	96
15) Benzyl Alcohol	8.20	79	267254	36.66	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.45	45	256735	34.50	ng	76
17) 2-Methylphenol	8.40	107	279738	38.71	ng	# 84
18) Hexachloroethane	9.01	117	148445	43.05	ng	# 73
19) n-Nitroso-di-n-propylamine	8.75	70	303296	44.59	ng	95
20) 3+4-Methylphenols	8.73	107	388728	39.83	ng	87
22) Acetophenone	8.78	105	527523	42.53	ng	# 97
24) Nitrobenzene	9.17	77	441624	47.80	ng	94
25) Isophorone	9.67	82	686335	44.29	ng	# 93
26) 2-Nitrophenol	9.87	139	176416	45.30	ng	# 53
27) 2,4-Dimethylphenol	9.92	122	277767	39.50	ng	# 72
28) bis(2-Chloroethoxy)methane	10.16	93	393941	40.06	ng	98
29) 2,4-Dichlorophenol	10.40	162	365833	45.19	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	452405	43.19	ng	100
31) Naphthalene	10.80	128	1012047	39.10	ng	100
32) Benzoic acid	10.06	122	186105	38.84	ng	# 81
33) 4-Chloroaniline	10.93	127	372992	37.40	ng	# 81
34) Hexachlorobutadiene	11.04	225	329687	47.18	ng	97
35) Caprolactam	11.75	113	98369	42.34	ng	# 80
36) 4-Chloro-3-methylphenol	12.05	107	376544	42.94	ng	85
37) 2-Methylnaphthalene	12.39	142	773220	41.49	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	555440	43.94	ng	# 100
40) Hexachlorocyclopentadiene	12.71	237	324454	44.45	ng	98

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 SSTDC040EC

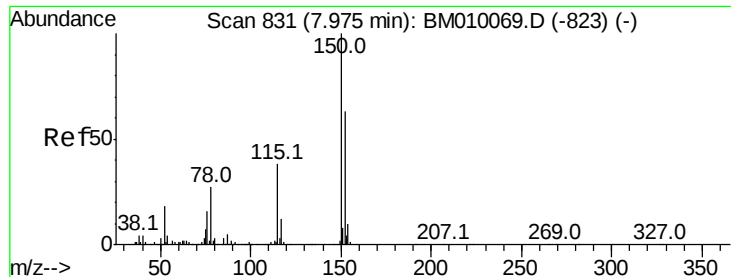
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 5/30/2017 1:10:03 PM

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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	343764	46.17	nq	99
43) 2,4,5-Trichlorophenol	13.09	196	371020	45.09	nq	# 91
45) 1,1'-Biphenyl	13.40	154	1112588	41.15	nq	98
46) 2-Chloronaphthalene	13.45	162	908342	41.50	nq	96
47) 2-Nitroaniline	13.69	65	281868	50.08	nq	# 78
48) Acenaphthylene	14.30	152	1338806	41.36	nq	99
49) Dimethylphthalate	14.04	163	1205892	41.12	nq	# 98
50) 2,6-Dinitrotoluene	14.17	165	241690	43.40	nq	87
51) Acenaphthene	14.64	154	829781	41.24	nq	98
52) 3-Nitroaniline	14.52	138	206743	39.95	nq	# 63
53) 2,4-Dinitrophenol	14.71	184	158581	45.80	nq	# 87
54) Dibenzofuran	14.97	168	1310969	41.44	nq	95
55) 4-Nitrophenol	14.83	139	158750	38.12	nq	# 11
56) 2,4-Dinitrotoluene	14.95	165	340768	43.26	nq	91
57) Fluorene	15.62	166	1163595	42.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	322331	45.99	nq	# 100
59) Diethylphthalate	15.39	149	1176976	42.45	nq	96
60) 4-Chlorophenyl-phenylether	15.61	204	663480	42.95	nq	98
61) 4-Nitroaniline	15.69	138	205804	39.17	nq	# 6
62) Azobenzene	15.90	77	1020807	50.07	nq	87
64) 4,6-Dinitro-2-methylphenol	15.70	198	240117	48.08	nq	82
65) n-Nitrosodiphenylamine	15.83	169	1022522	41.73	nq	100
66) 4-Bromophenyl-phenylether	16.50	248	451510	43.14	nq	95
67) Hexachlorobenzene	16.60	284	502869	39.55	nq	91
68) Atrazine	16.78	200	383432	41.28	nq	97
69) Pentachlorophenol	16.96	266	318268	45.57	nq	97
70) Phenanthrene	17.36	178	1901939	41.58	nq	99
71) Anthracene	17.45	178	1933846	42.60	nq	99
72) Carbazole	17.74	167	1642139	40.86	nq	98
73) Di-n-butylphthalate	18.26	149	2009424	42.17	nq	# 97
74) Fluoranthene	19.37	202	2470484	41.60	nq	97
76) Benzidine	19.57	184	586976	25.67	nq	96
77) Pyrene	19.73	202	2634313	39.64	nq	99
79) Butylbenzylphthalate	20.60	149	979138	39.80	nq	# 81
80) Benzo(a)anthracene	21.46	228	2799529	40.98	nq	100
81) 3,3'-Dichlorobenzidine	21.41	252	1091704	39.73	nq	# 97
82) Chrysene	21.52	228	2616087	40.38	nq	100
83) Bis(2-ethylhexyl)phthalate	21.34	149	1455162	39.55	nq	# 97
84) Di-n-octyl phthalate	22.25	149	2642332	40.12	nq	99
85) Indeno(1,2,3-cd)pyrene	26.24	276	3877232	40.81	nq	# 100
87) Benzo(b)fluoranthene	23.11	252	3194839	41.81	nq	# 92
88) Benzo(k)fluoranthene	23.16	252	3085263	41.21	nq	# 95
89) Benzo(a)pyrene	23.73	252	2991385	41.09	nq	# 96
90) Dibenzo(a,h)anthracene	26.26	278	3354542	41.20	nq	# 92
91) Benzo(g,h,i)perylene	27.00	276	3347698m	41.96	nq	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

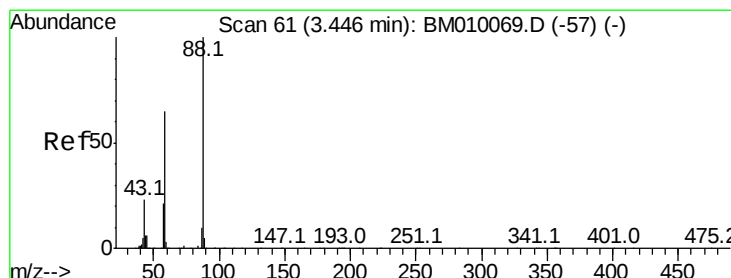
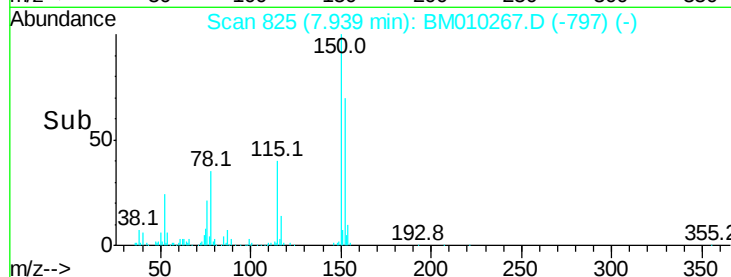
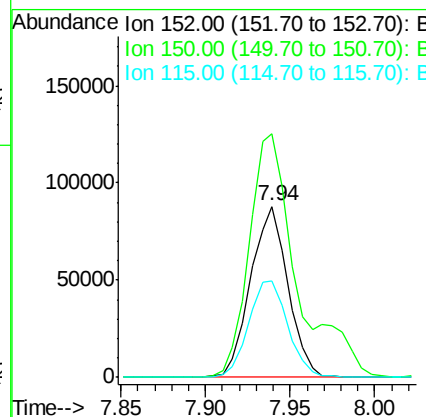
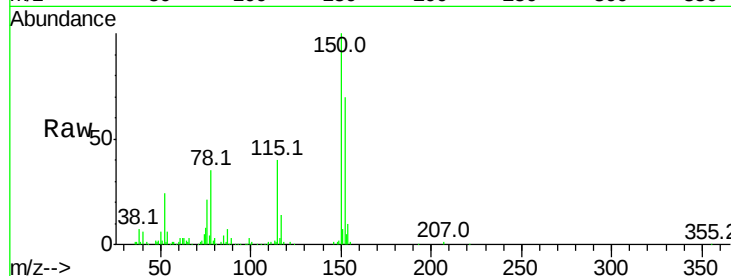
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	135233
Ion Ratio	Lower	Upper	
152	100		
150	142.7	119.5	179.3
115	56.9	43.0	64.4

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#2

1,4-Dioxane

Concen: 42.59 ng

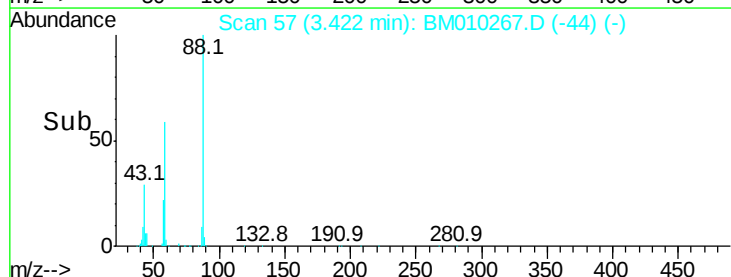
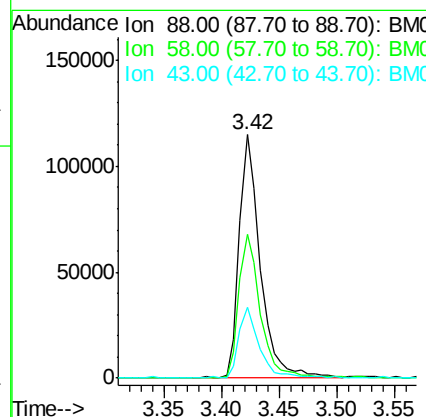
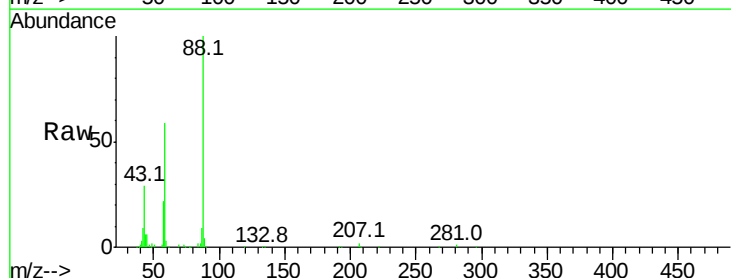
RT: 3.42 min Scan# 57

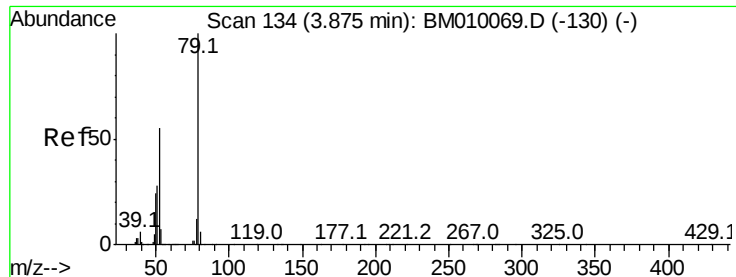
Delta R.T. -0.02 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	88	Resp:	146531
Ion Ratio	Lower	Upper	
88	100		
58	59.8	0.0	0.0#
43	28.3	0.0	0.0#





#3

Pvridine

Concen: 38.32 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

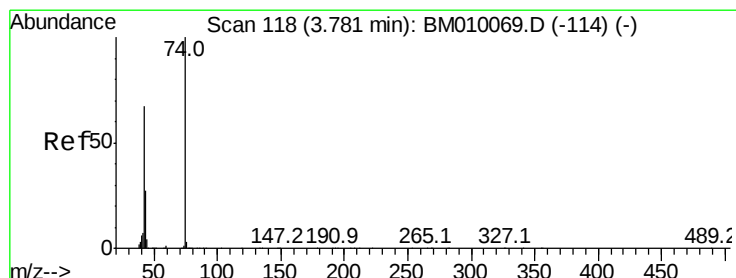
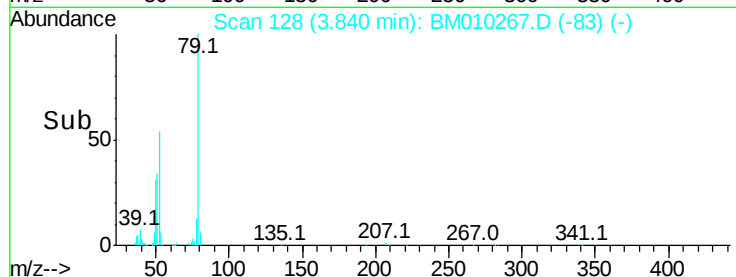
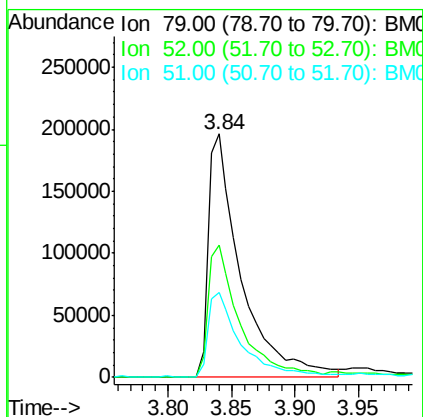
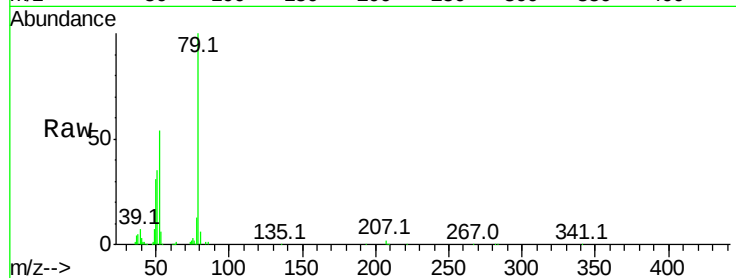
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	352938
Ion Ratio	Lower	Upper	
79	100		
52	54.3	51.1	76.7
51	34.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 55.50 ng

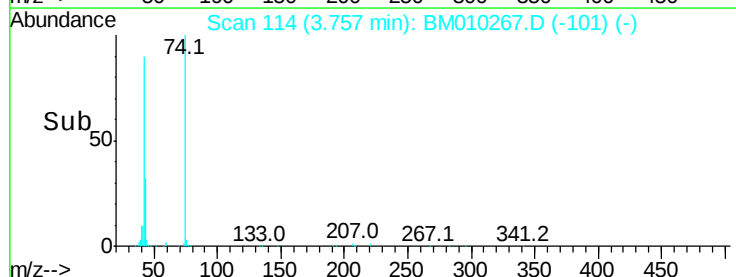
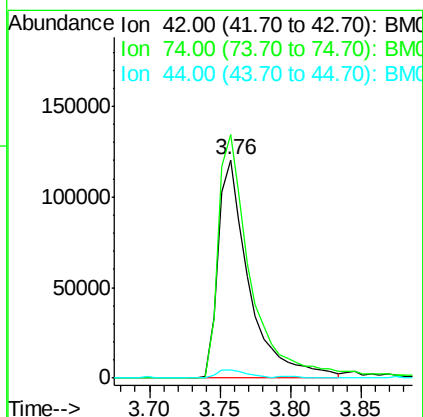
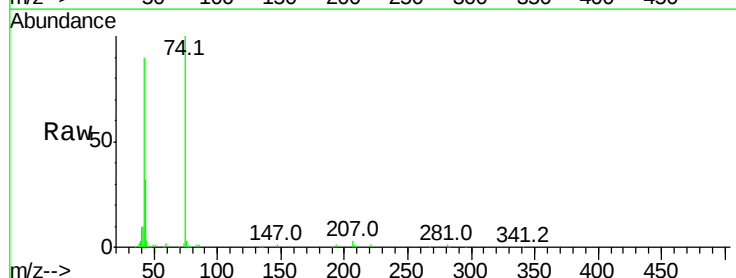
RT: 3.76 min Scan# 114

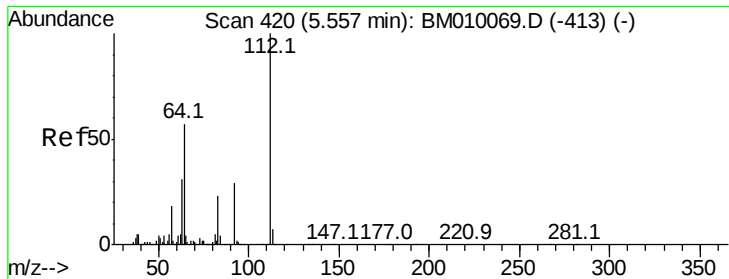
Delta R.T. -0.02 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	42	Resp:	184900
Ion Ratio	Lower	Upper	
42	100		
74	111.4	119.3	178.9#
44	3.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 78.32 ng

RT: 5.52 min Scan# 413

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 112 Resp: 586487

Ion Ratio Lower Upper

112 100

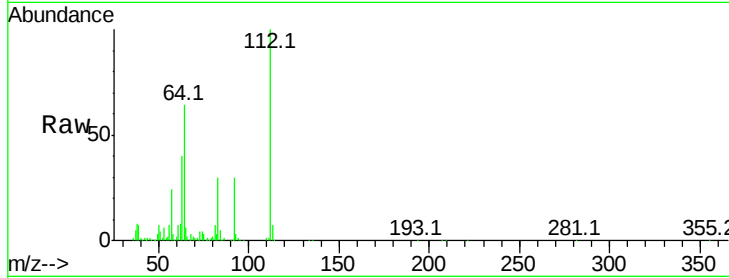
64 64.3 38.6 57.8#

63 39.9 19.3 28.9#

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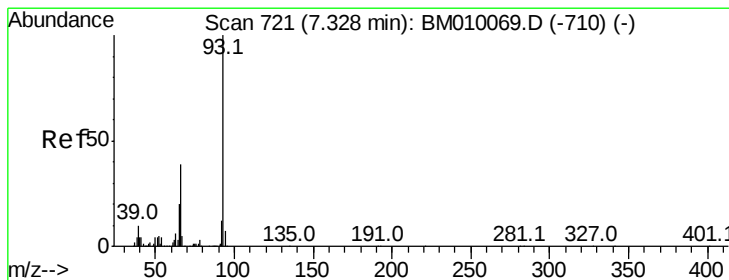
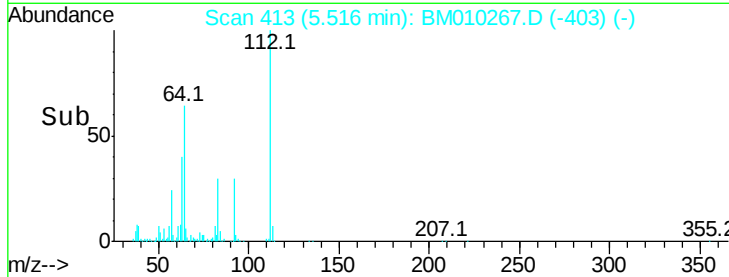
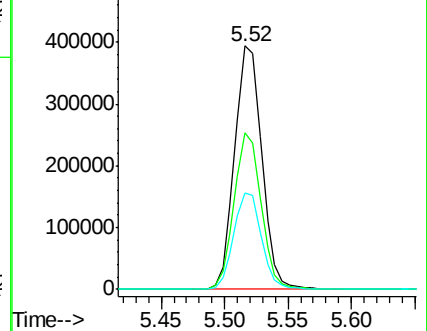
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 37.17 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

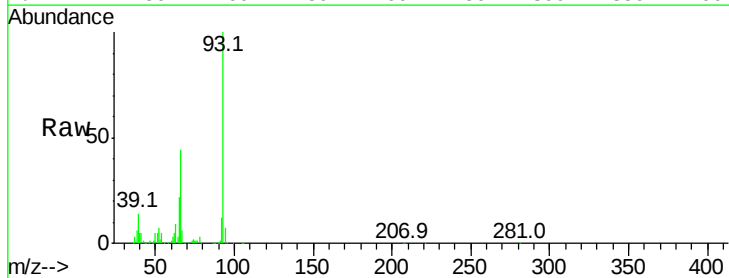
Tgt Ion: 93 Resp: 443753

Ion Ratio Lower Upper

93 100

66 44.3 30.8 46.2

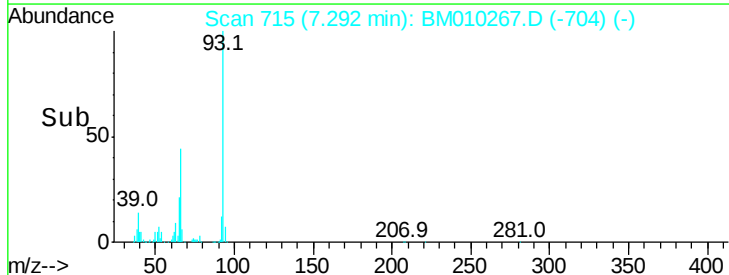
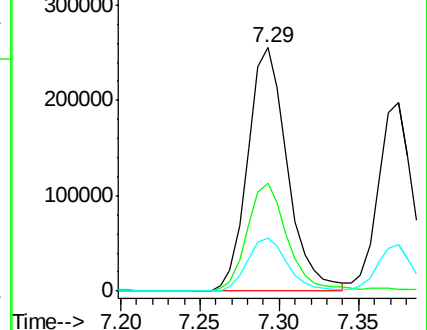
65 21.6 16.0 24.0

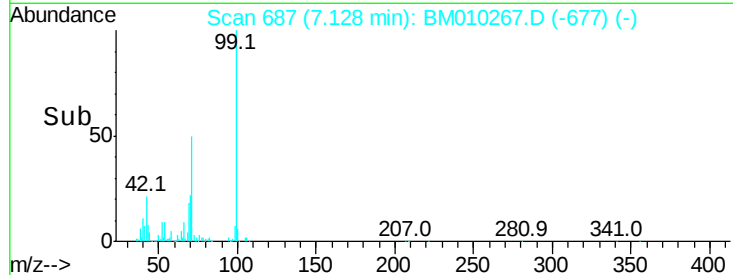
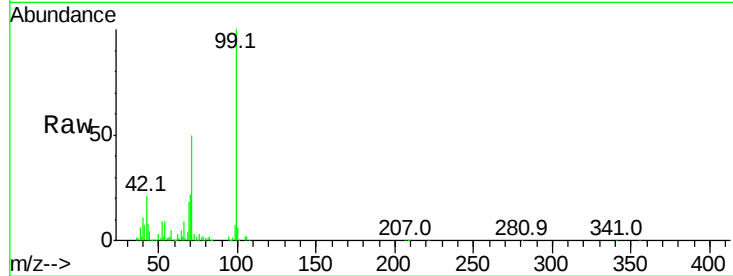
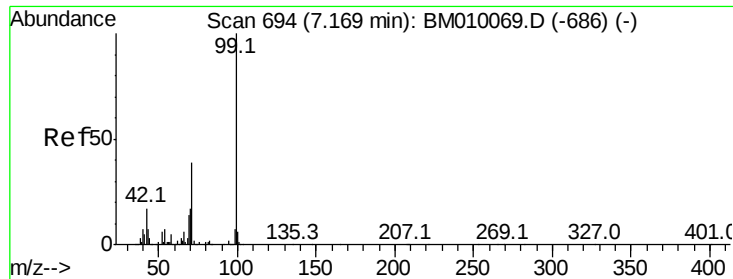


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 79.35 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

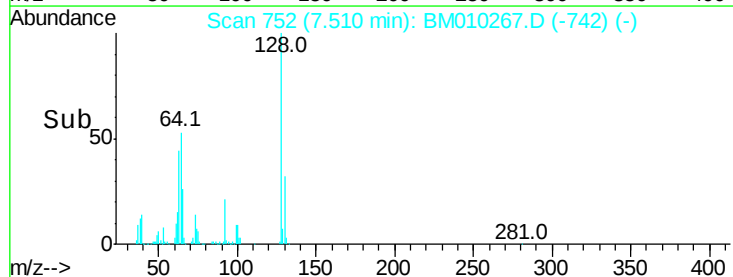
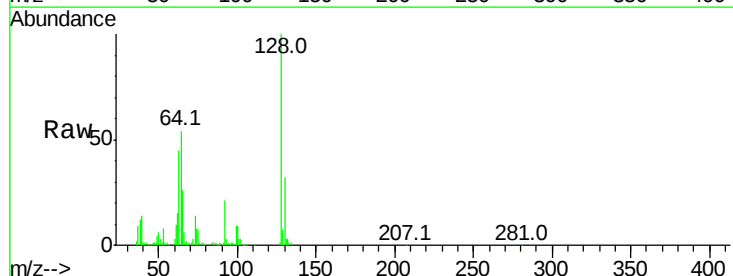
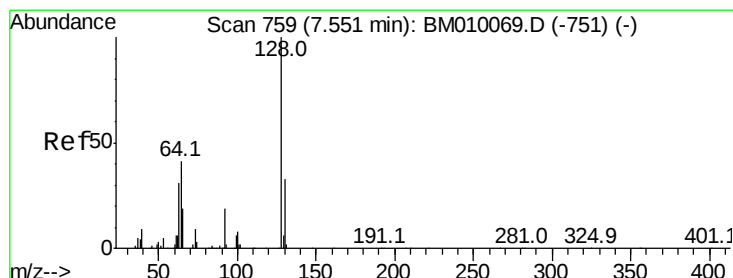
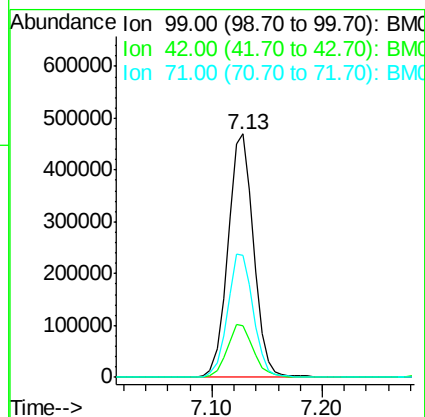
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		764622		
42	21.3	11.0	16.4#		
71	50.0	23.4	35.2#		

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#8

2-Chlorophenol

Concen: 38.21 ng

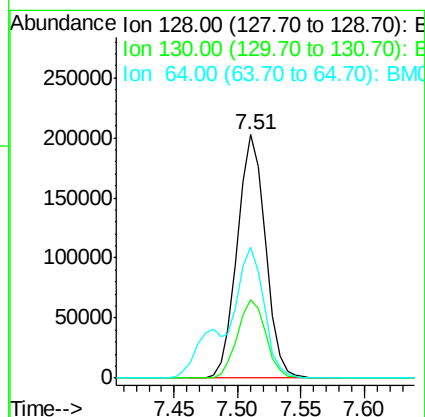
RT: 7.51 min Scan# 752

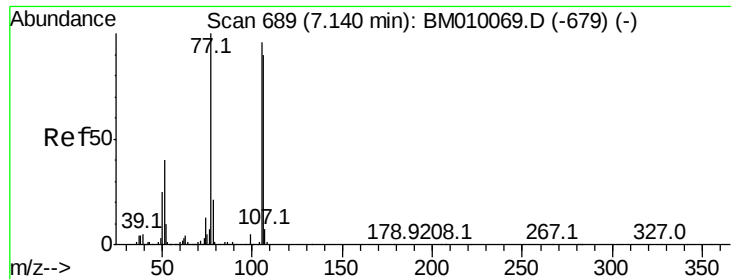
Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		311287		
130	32.3	12.0	52.0		
64	53.8	24.9	64.9		





#9

Benzaldehyde

Concen: 40.09 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

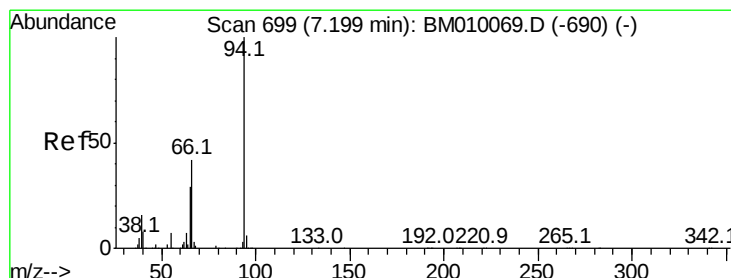
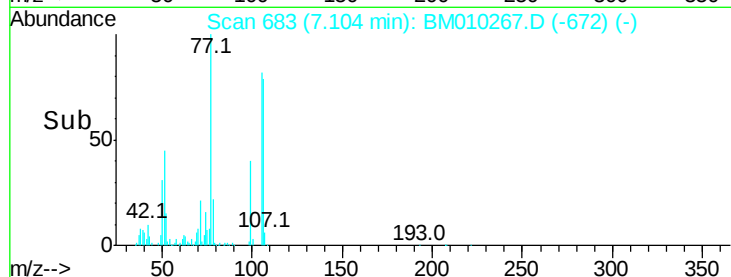
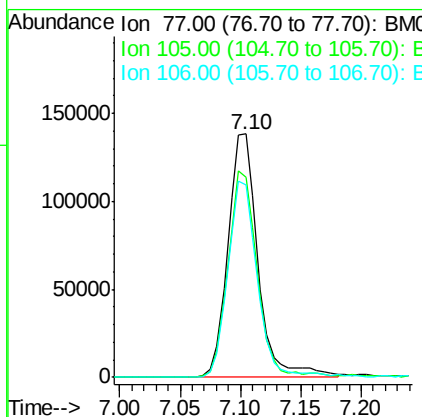
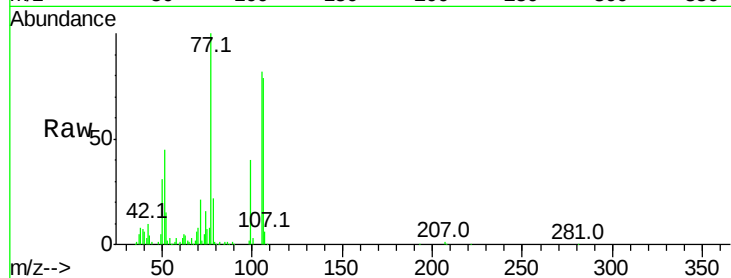
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	240499
Ion	Ratio	Lower	Upper
77	100		
105	81.9	78.8	118.8
106	79.0	73.7	113.7

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#10

Phenol

Concen: 38.76 ng

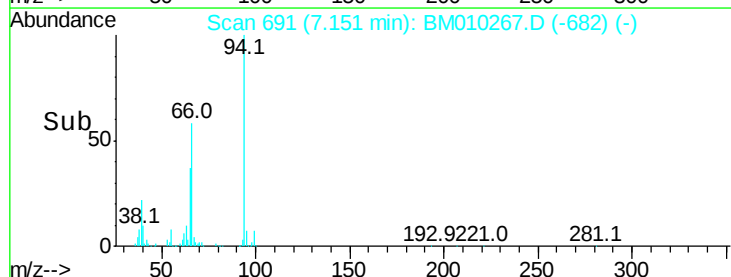
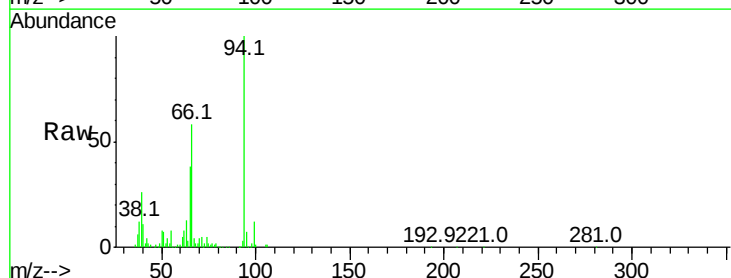
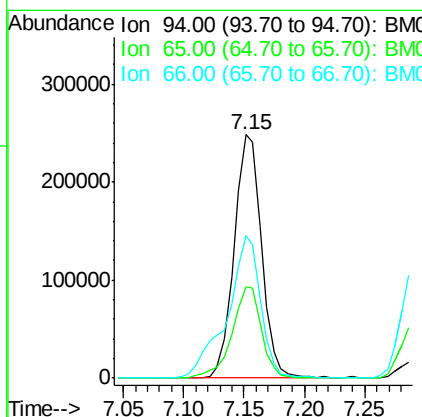
RT: 7.15 min Scan# 691

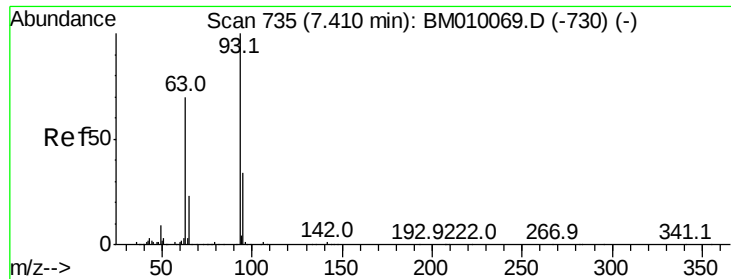
Delta R.T. -0.05 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	94	Resp:	393587
Ion	Ratio	Lower	Upper
94	100		
65	37.7	18.8	58.8
66	58.3	39.9	79.9





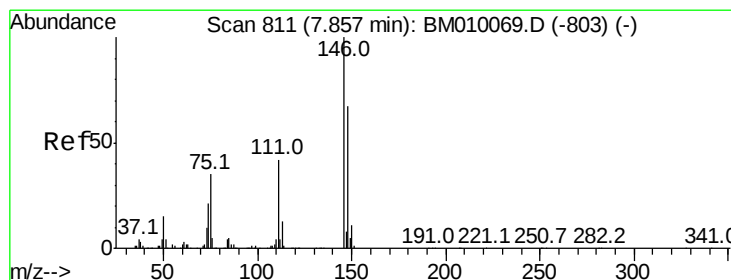
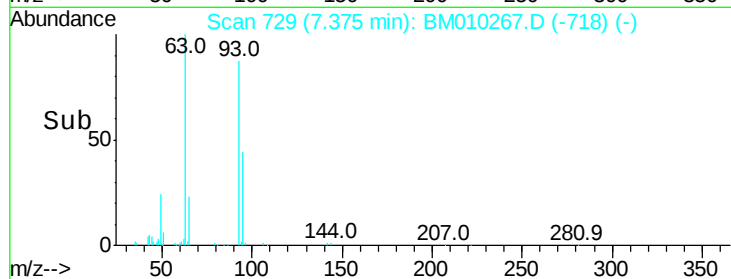
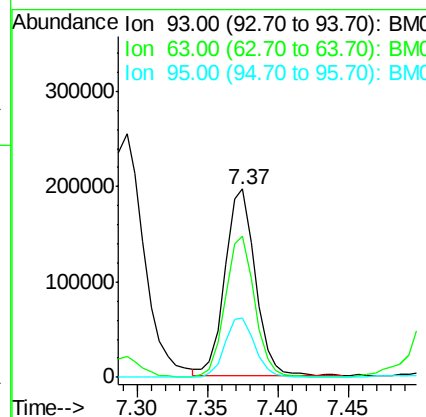
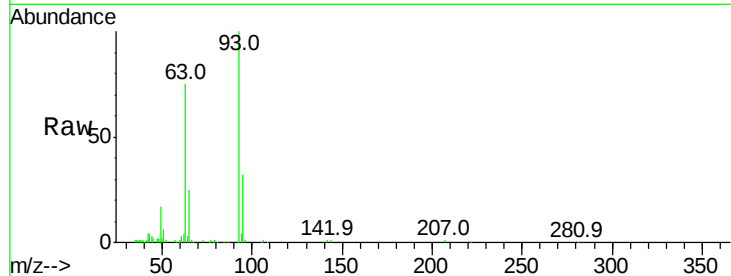
#11
bis(2-Chloroethyl)ether
Concen: 38.70 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
93	100	292970		
63	75.0		49.5	89.5
95	31.7		13.5	53.5

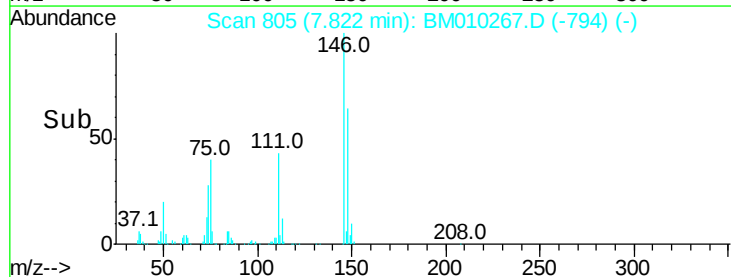
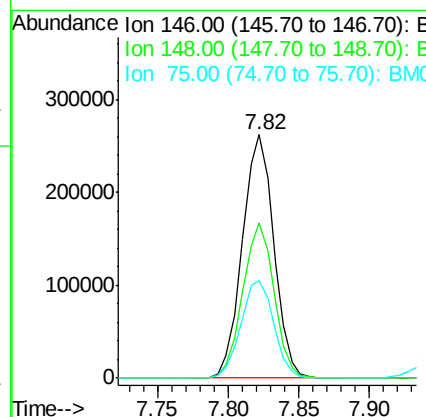
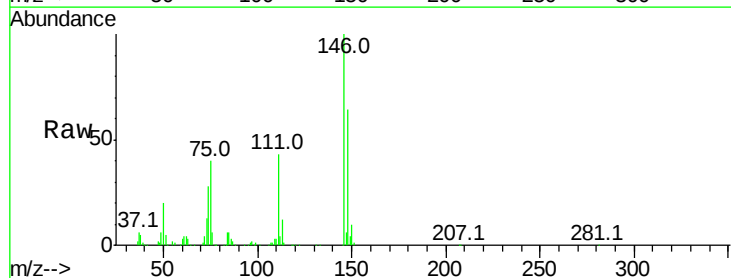
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#12
1,3-Dichlorobenzene
Concen: 39.60 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	410029		
148	63.9		50.9	76.3
75	39.9		21.4	32.2#





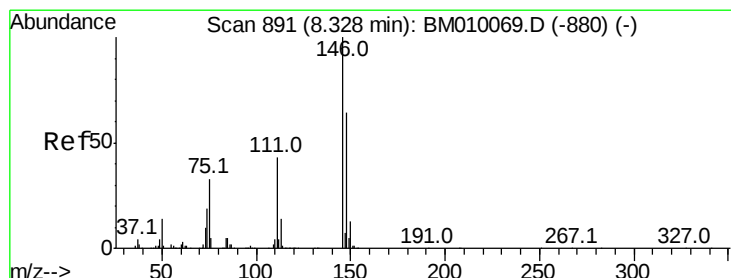
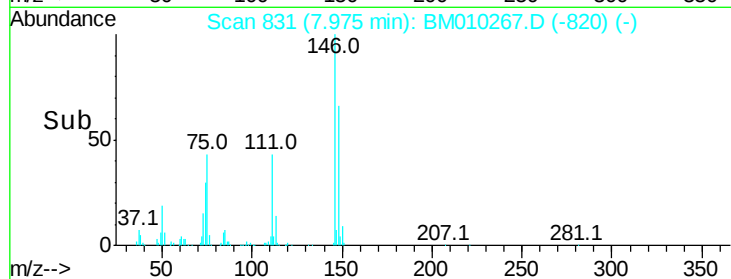
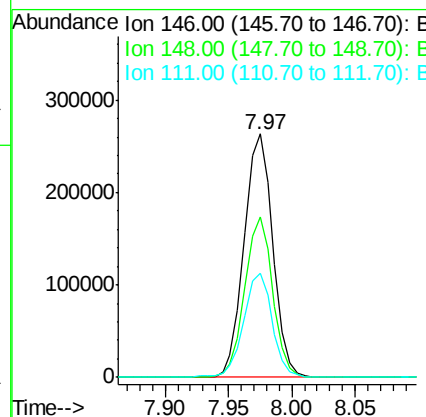
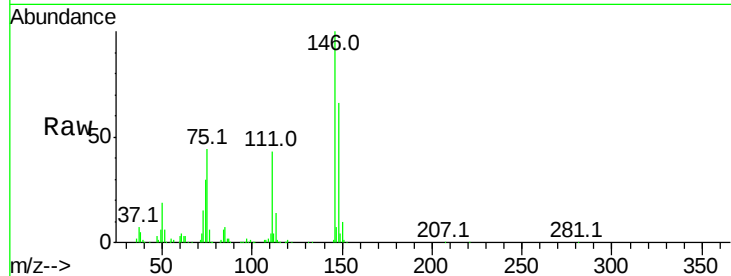
#13
 1,4-Dichlorobenzene
 Concen: 38.77 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.9	77.9
111	42.5	29.2	43.8

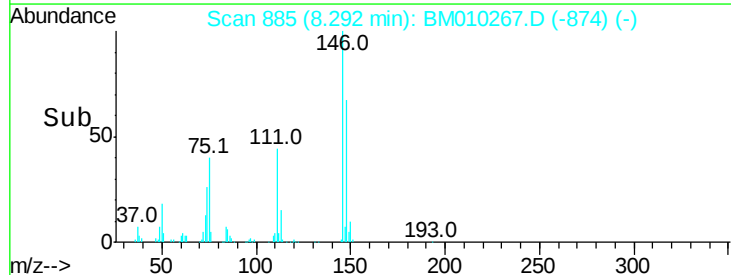
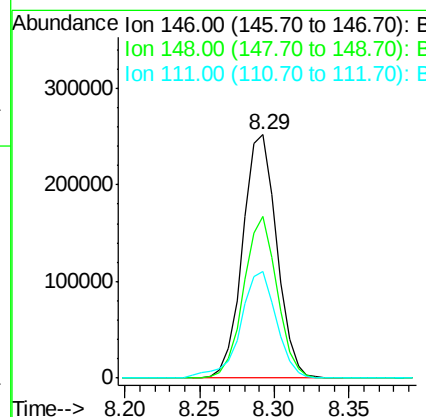
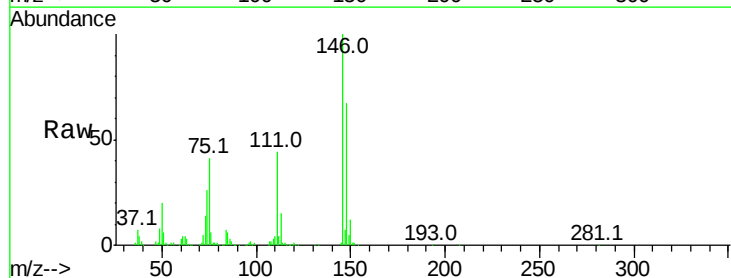
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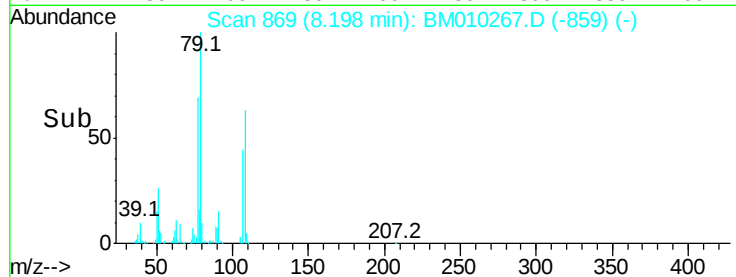
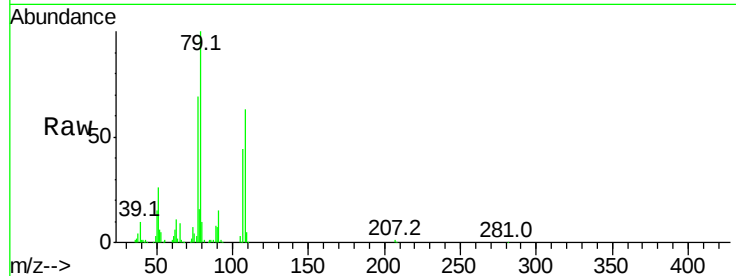
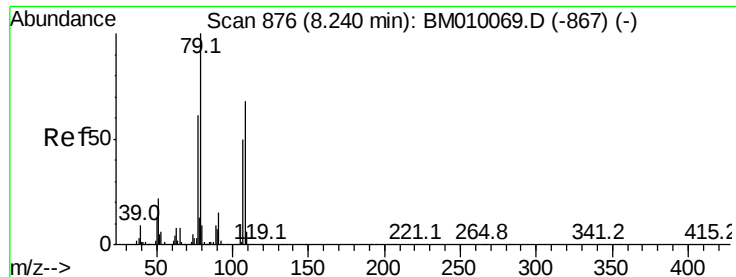
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.98 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.3	78.5
111	43.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 36.66 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tot Ion:	79	Resp:	267254
Ion Ratio	Lower	Upper	
79	100		
108	62.6	65.0	97.4#
77	69.2	53.0	79.6

Instrument :

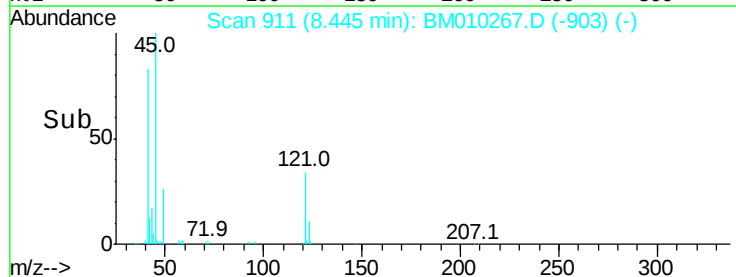
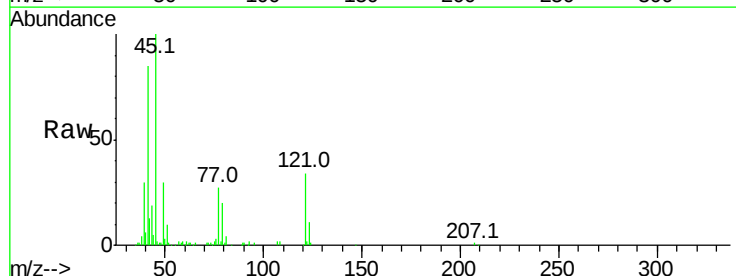
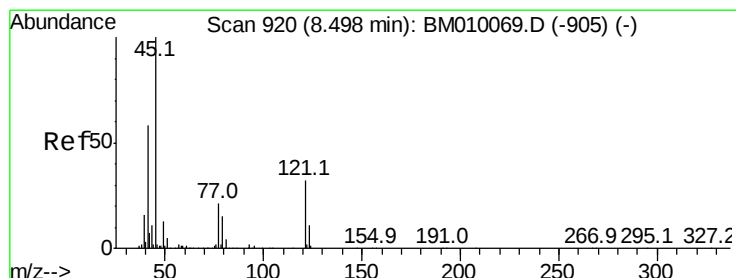
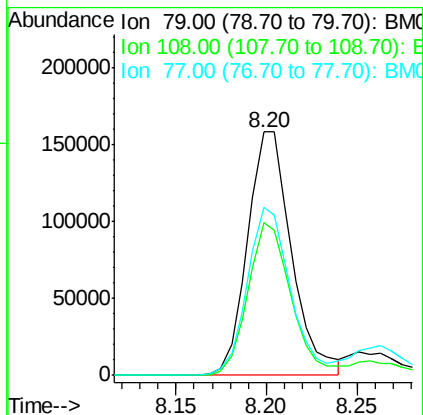
BNA_M

ClientSampleId :

SSTDCCC040EC

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.50 ng

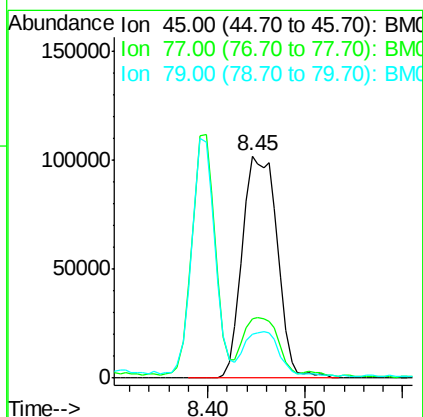
RT: 8.45 min Scan# 911

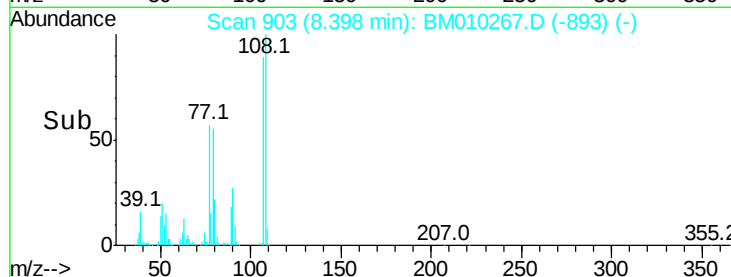
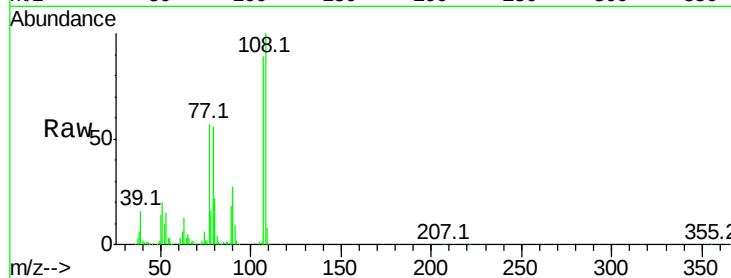
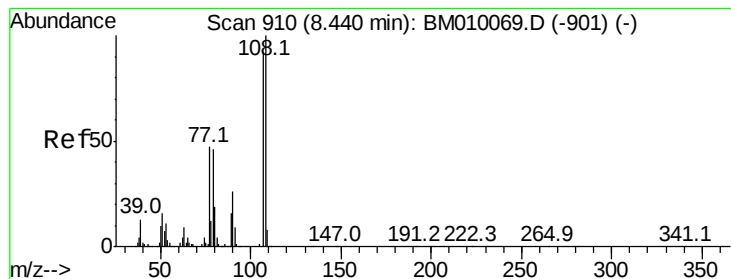
Delta R.T. -0.05 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	45	Resp:	256735
Ion Ratio	Lower	Upper	
45	100		
77	26.9	0.0	35.2
79	19.8	0.0	32.0





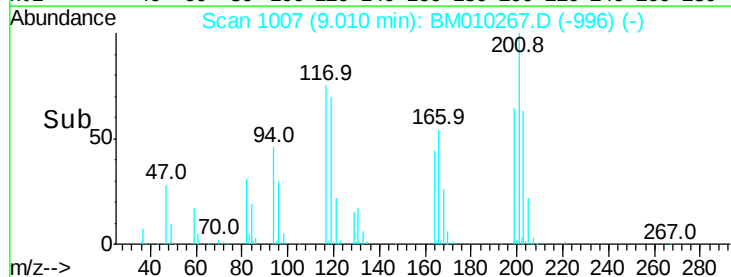
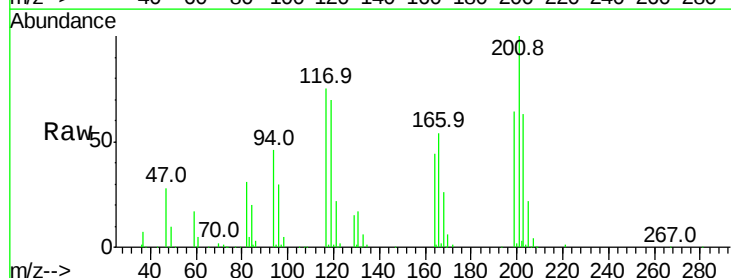
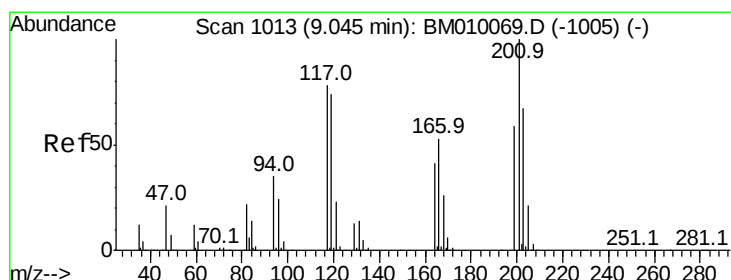
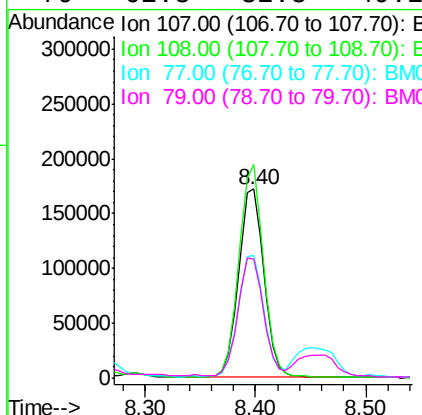
#17
2-Methylphenol
Concen: 38.71 ng
RT: 8.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	89.8	134.8	
77	64.7	32.6	48.8	
79	62.8	32.8	49.2	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

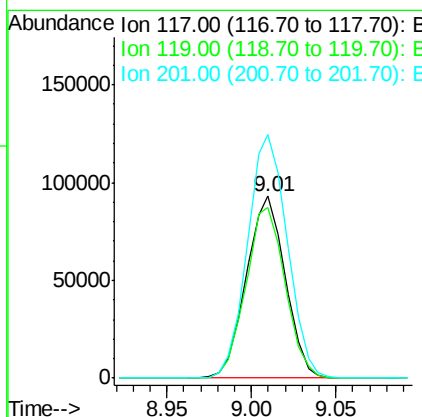
Manual Integrations
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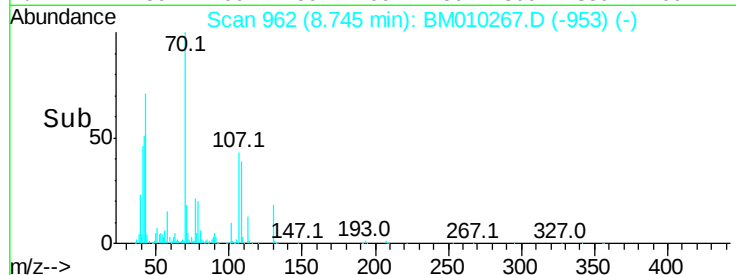
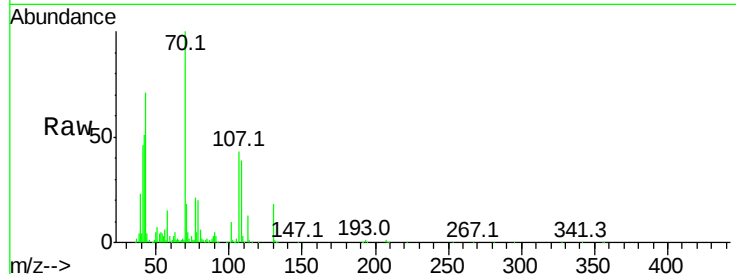
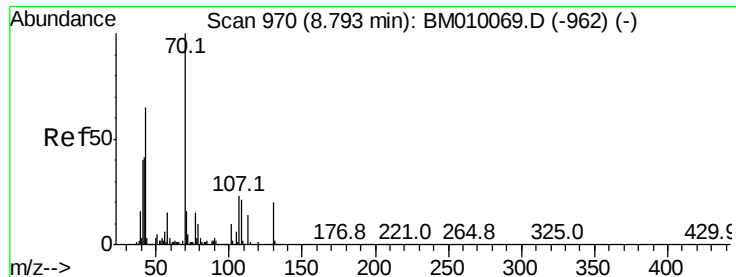
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#18
Hexachloroethane
Concen: 43.05 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	79.2	118.8	
201	134.1	69.8	104.6	





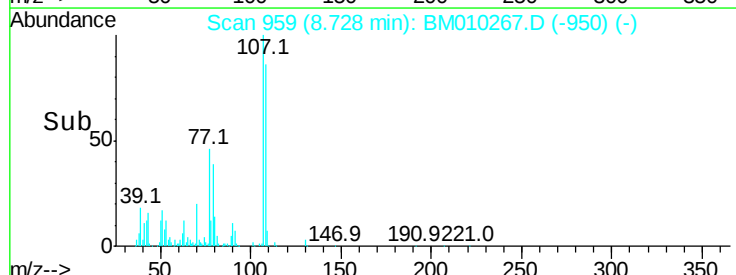
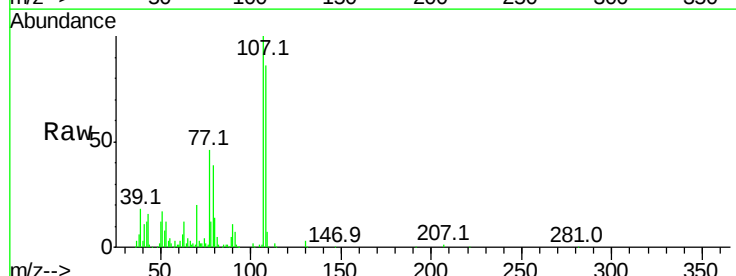
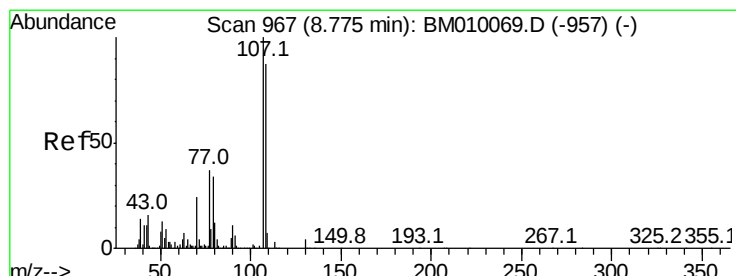
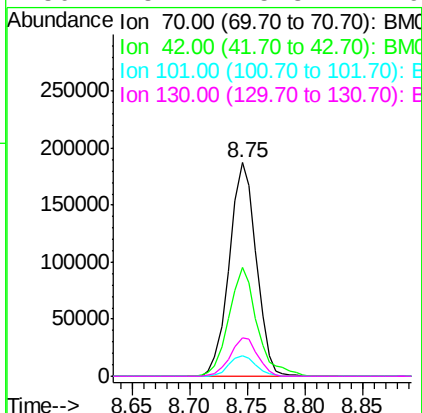
#19
n-Nitroso-di-n-propylamine
Concen: 44.59 ng
RT: 8.75 min Scan# 962
Delta R.T. -0.05 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.7	44.5	66.7		
101	9.6	7.4	11.2		
130	18.1	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

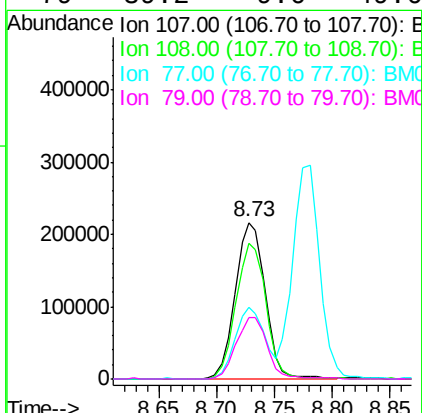
Manual Integrations
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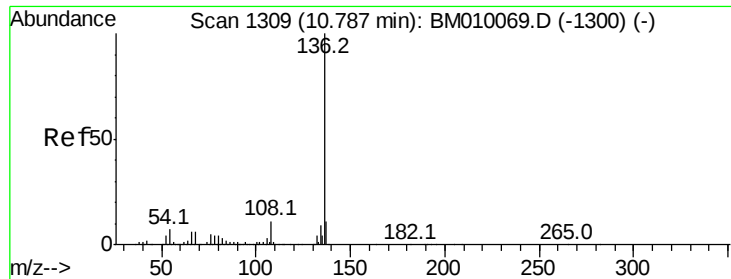
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#20
3+4-Methylphenols
Concen: 39.83 ng
RT: 8.73 min Scan# 959
Delta R.T. -0.05 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.4	73.2	113.2		
77	45.9	10.7	50.7		
79	39.2	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

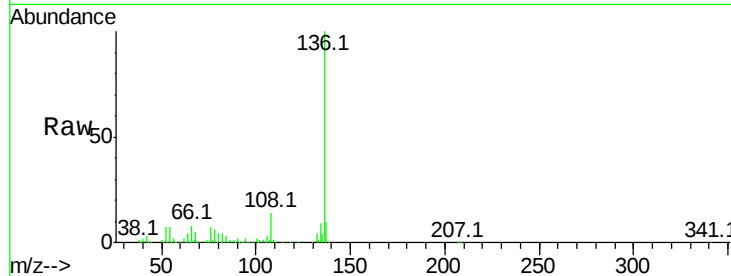
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	483862		
137	10.0		8.7	13.1
54	7.5		4.6	6.8#
68	5.0		3.7	5.5

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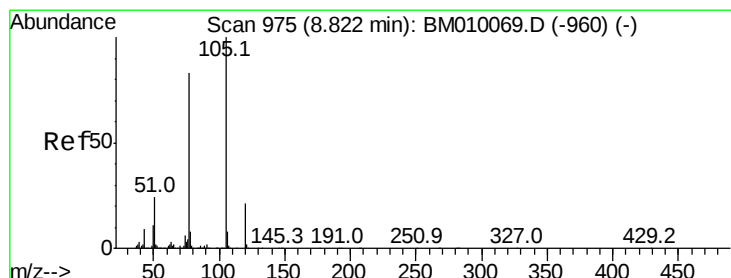
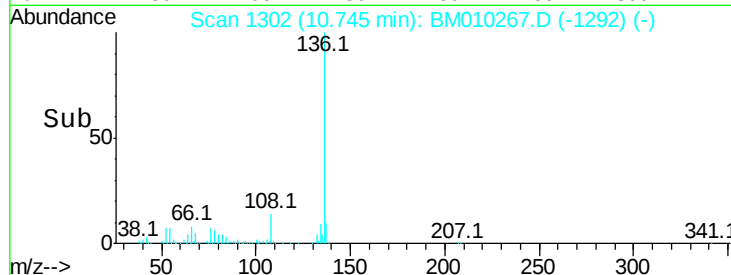
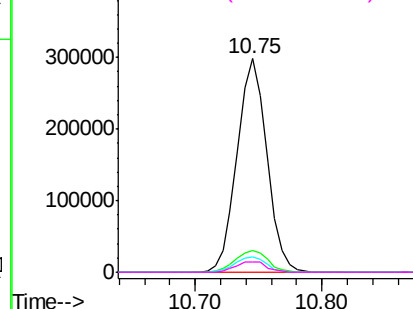


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 42.53 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

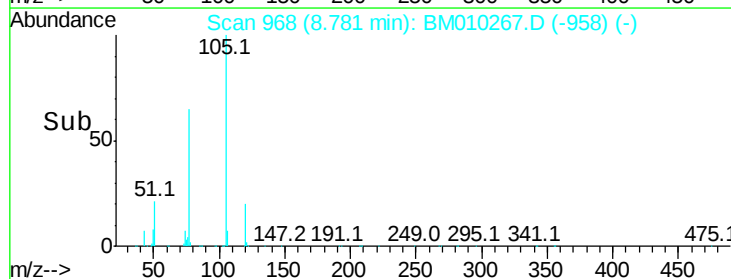
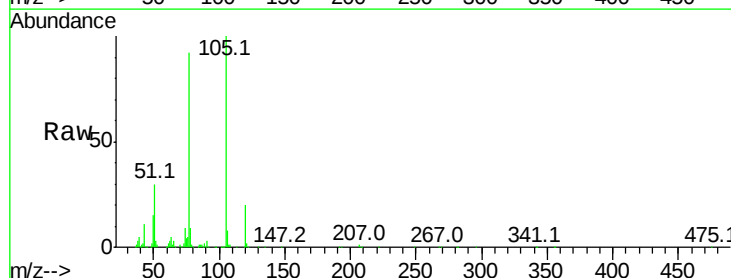
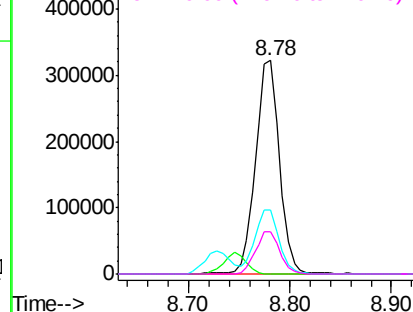
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	527523		
71	0.1		0.6	1.0#
51	30.0		21.6	32.4
120	20.0		16.1	24.1

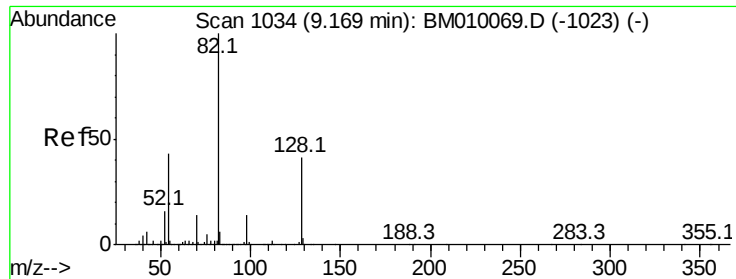
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E





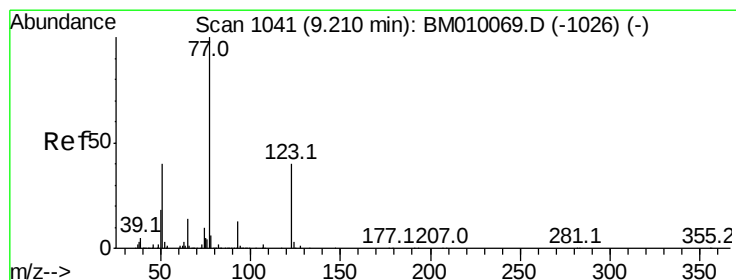
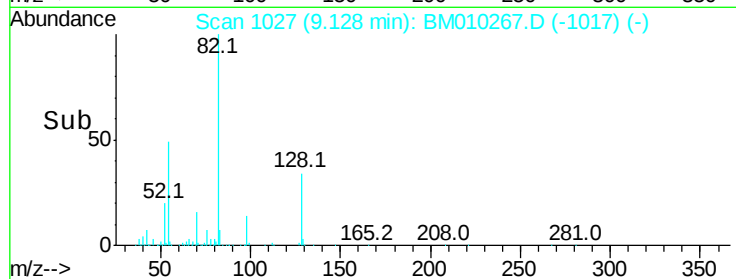
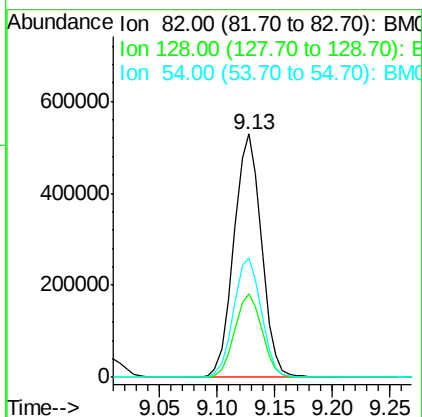
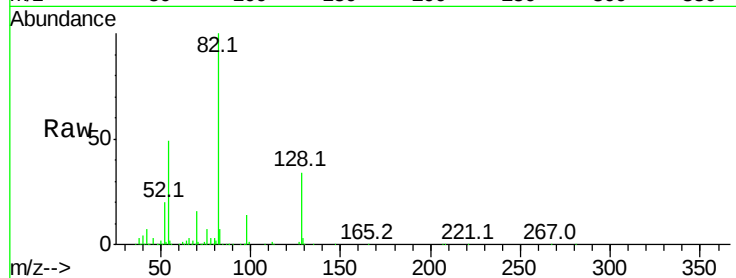
#23
 Nitrobenzene-d5
 Concen: 98.01 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.1	32.8	49.2	
54	48.9	40.6	60.8	

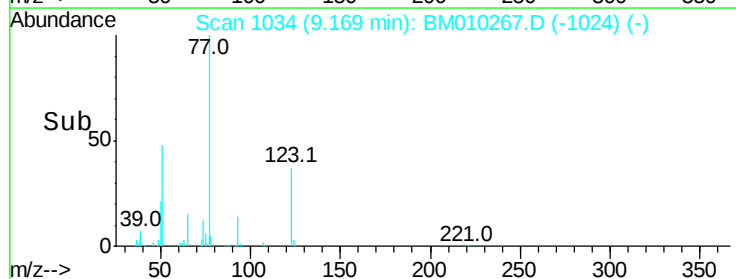
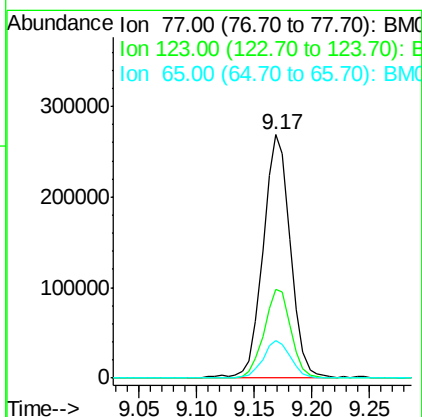
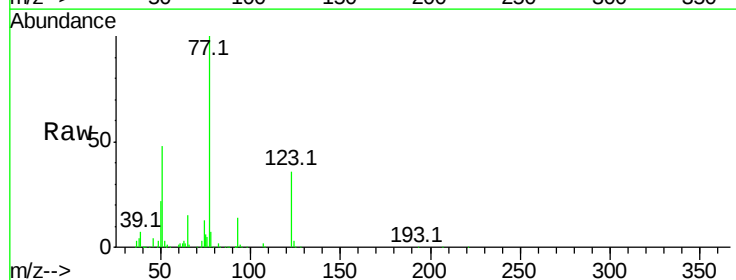
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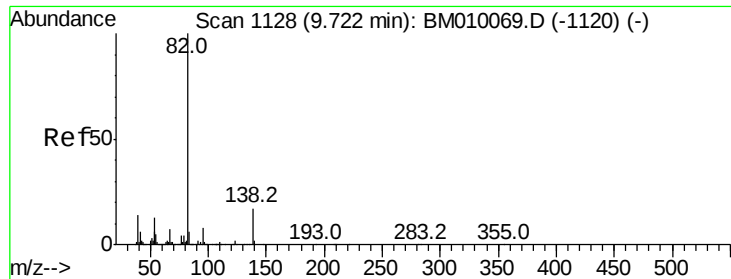
mohammad
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#24
 Nitrobenzene
 Concen: 47.80 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.4	32.6	49.0	
65	15.2	10.9	16.3	





#25

Isophorone

Concen: 44.29 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.05 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

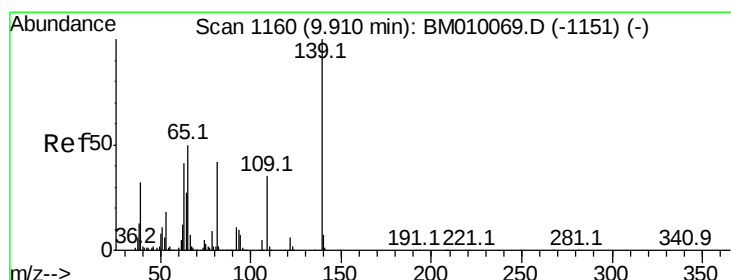
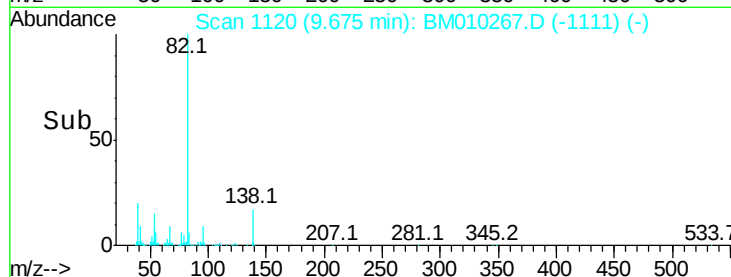
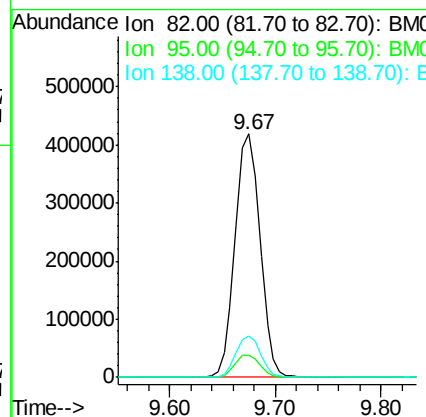
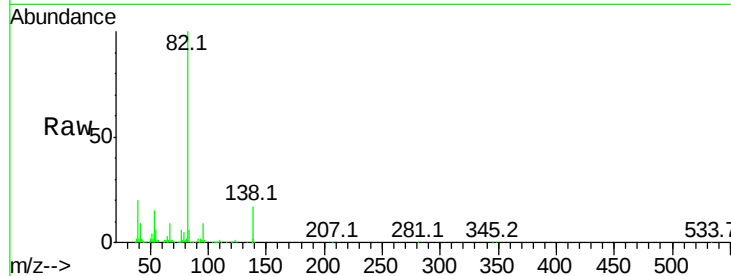
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	686335
Ion Ratio	Lower	Upper	
82	100		
95	9.3	5.8	8.6#
138	17.0	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.30 ng

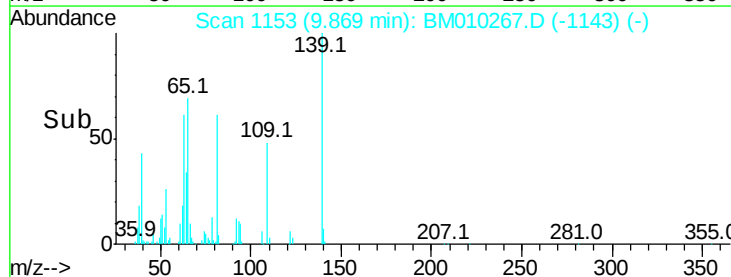
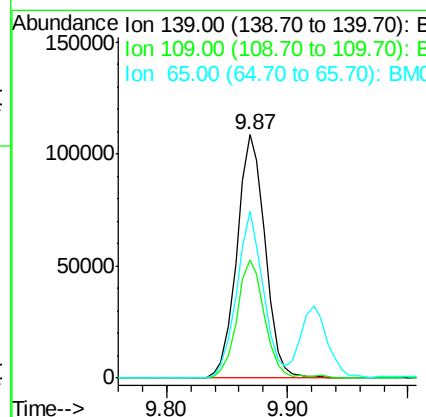
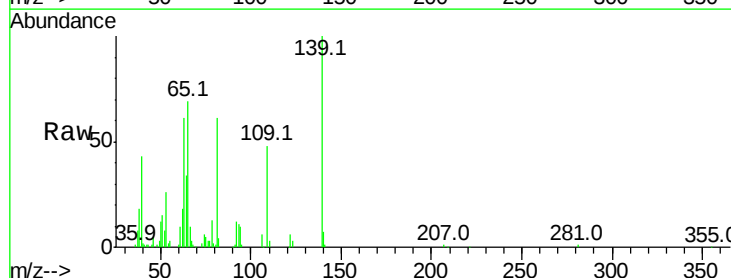
RT: 9.87 min Scan# 1153

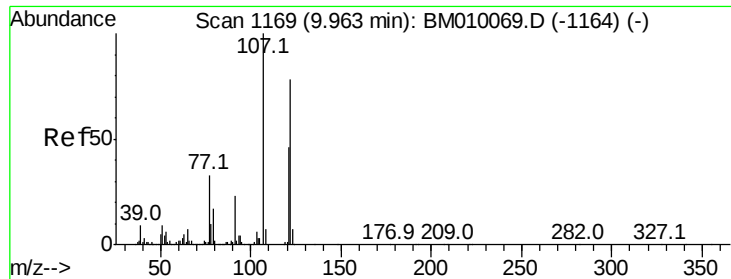
Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	139	Resp:	176416
Ion Ratio	Lower	Upper	
139	100		
109	48.3	20.1	30.1#
65	68.8	31.5	47.3#





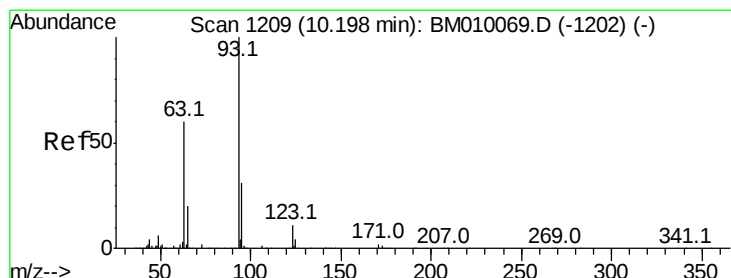
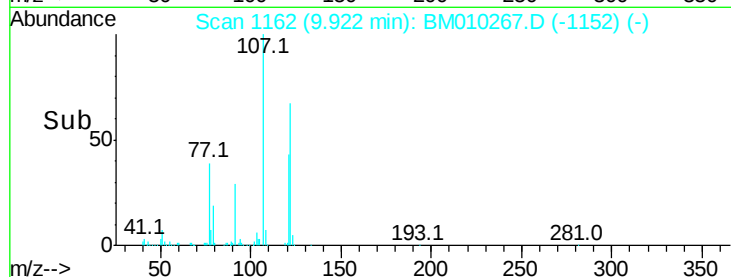
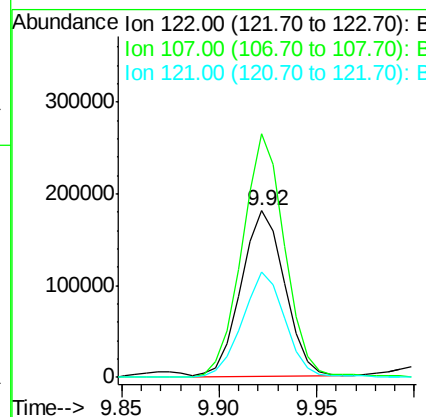
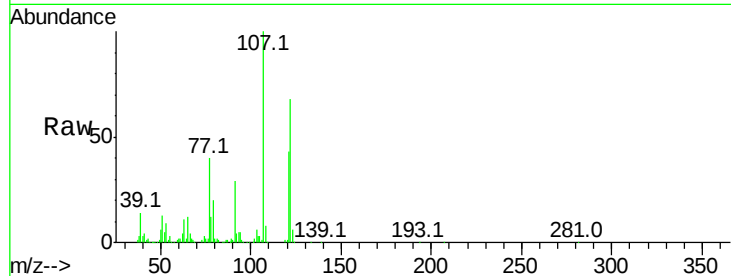
#27
 2,4-Dimethylphenol
 Concen: 39.50 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.3	84.7	127.1#
121	63.3	46.6	69.8

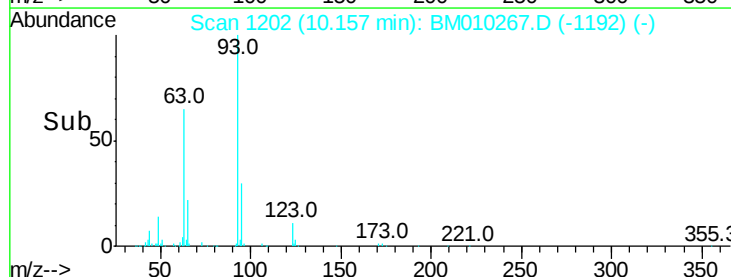
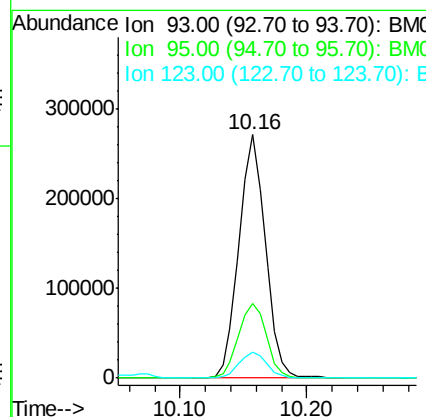
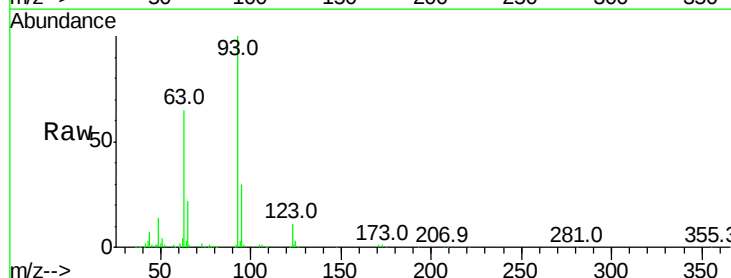
Manual Integrations
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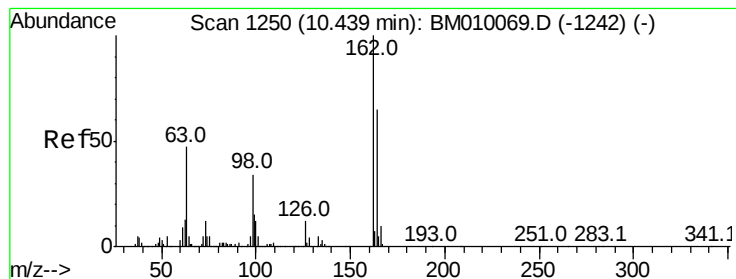
mohammad
 5/30/2017 1:10:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.06 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	25.5	38.3
123	10.5	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 45.19 ng

RT: 10.40 min Scan# 1243

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

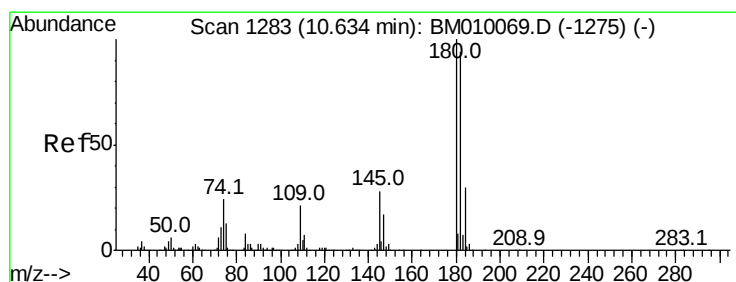
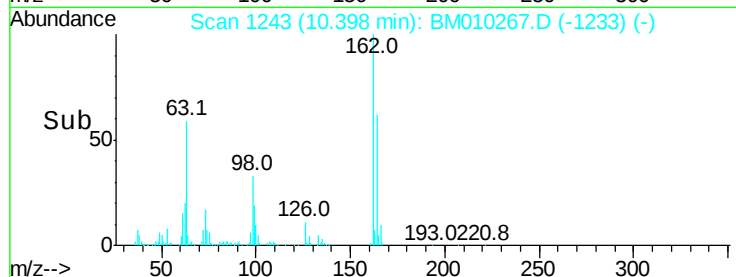
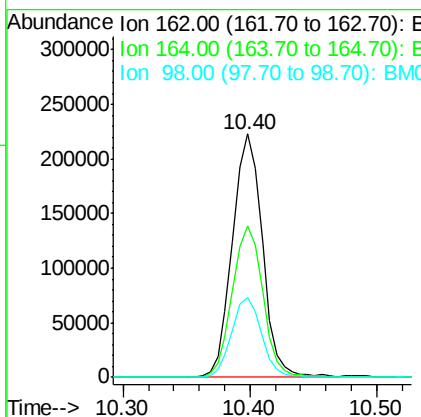
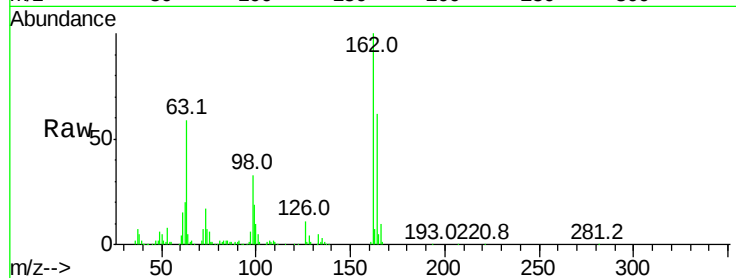
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	365833		
164	62.2	42.8	82.8	
98	33.0	14.5	54.5	

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 43.19 ng

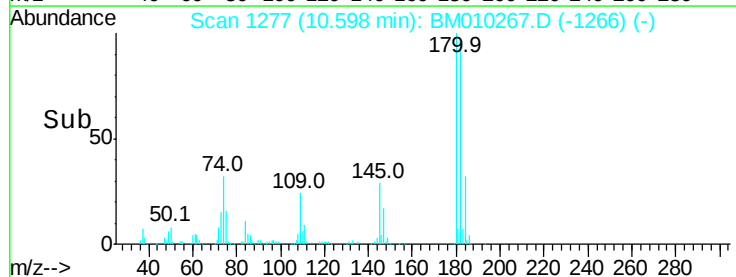
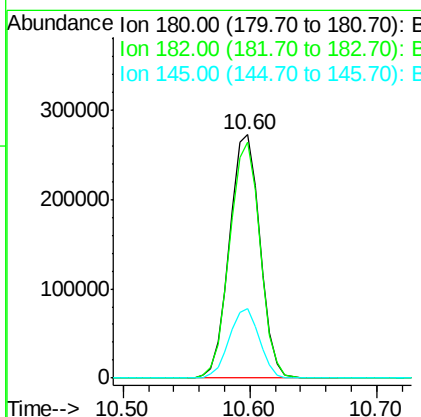
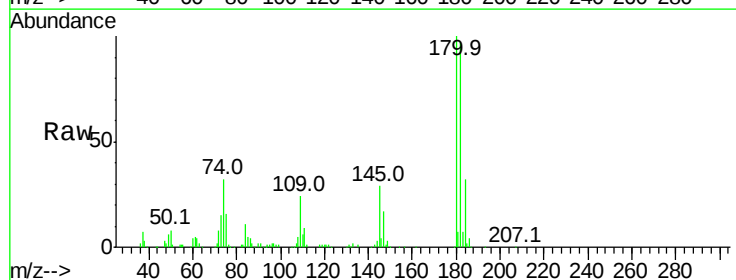
RT: 10.60 min Scan# 1277

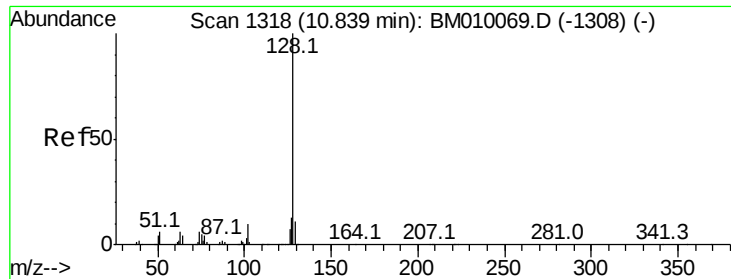
Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452405		
182	97.1	77.6	116.4	
145	28.6	23.4	35.2	





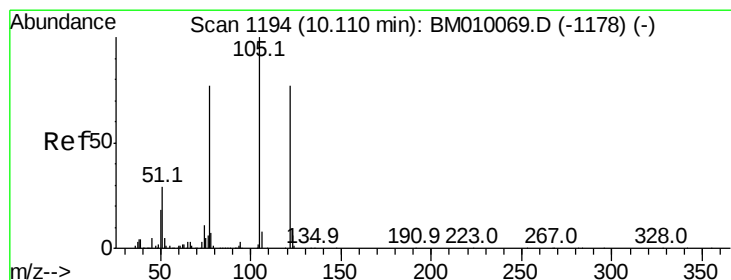
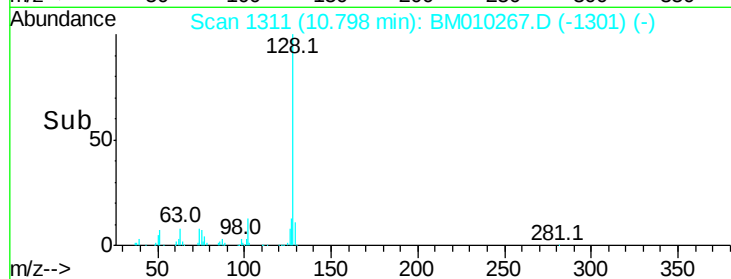
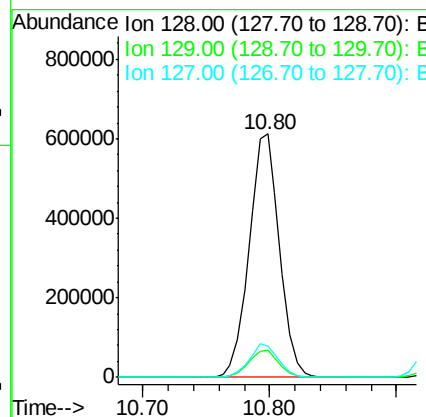
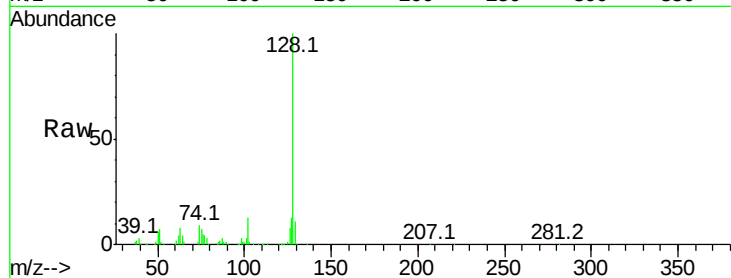
#31
Naphthalene
Concen: 39.10 ng
RT: 10.80 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.8	10.4	15.6

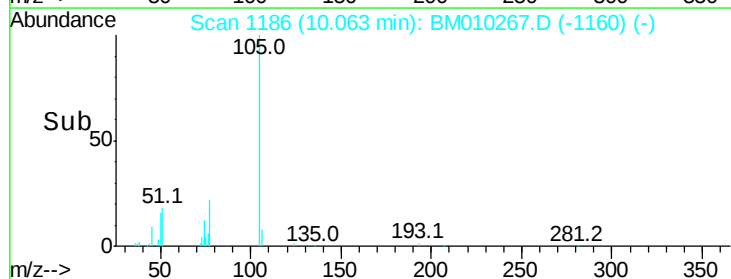
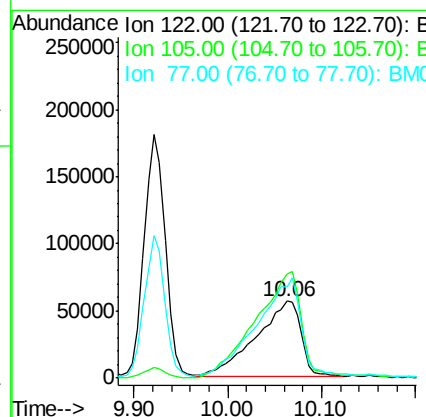
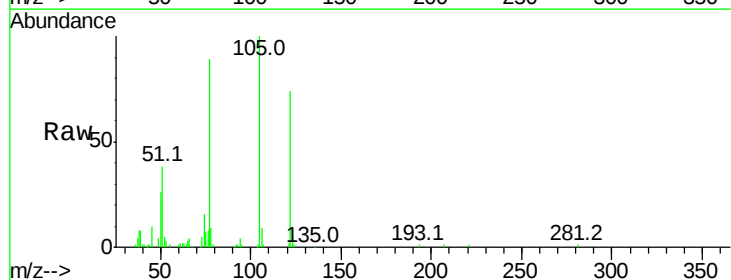
Manual Integrations
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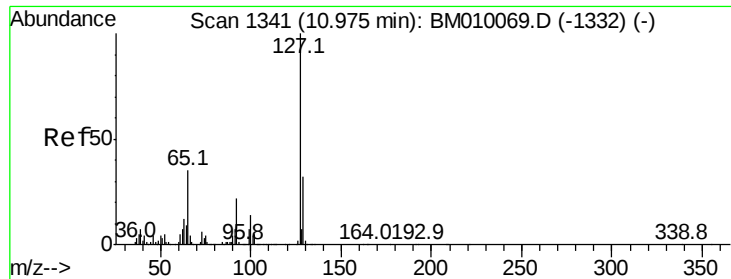
mohammad
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#32
Benzoic acid
Concen: 38.84 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	99.9	139.9
77	119.4	73.7	113.7#





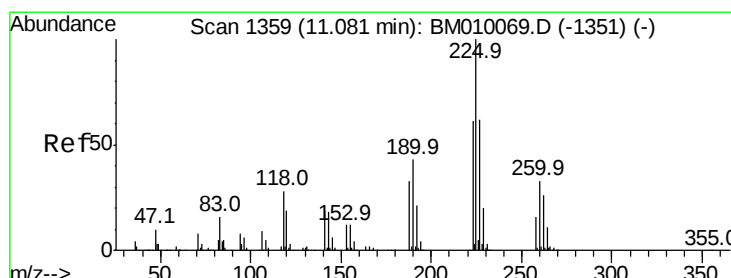
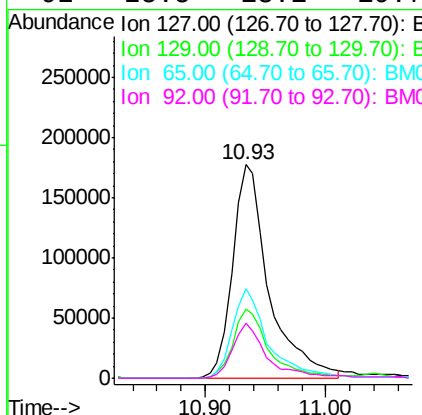
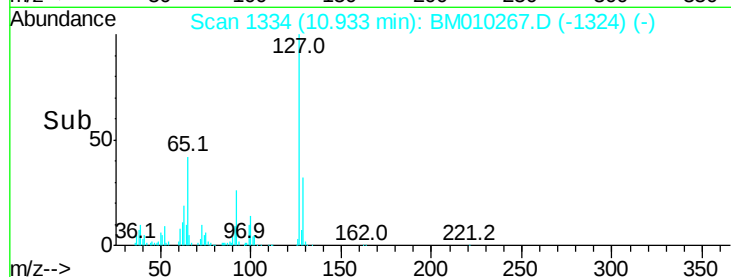
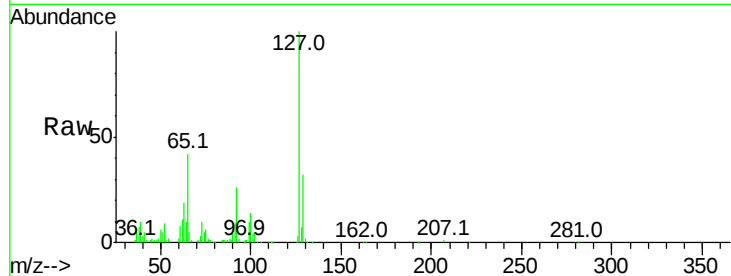
#33
4-Chloroaniline
Concen: 37.40 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.3	37.9	
65	41.7	17.6	26.4	
92	25.5	13.1	19.7	

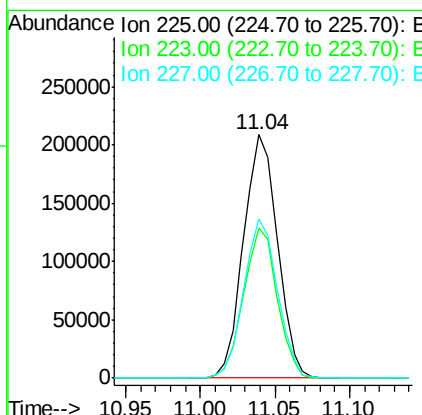
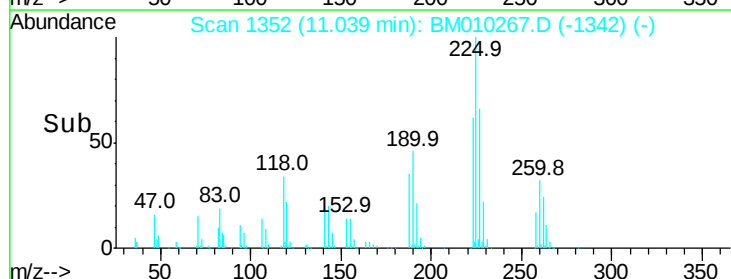
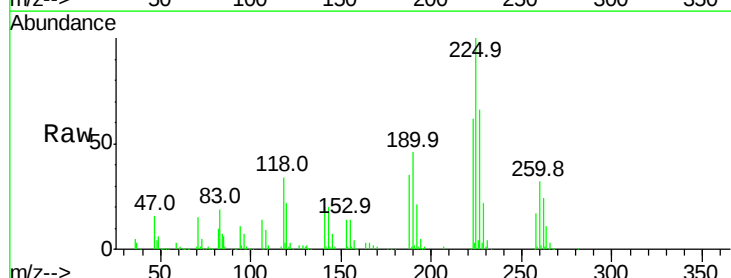
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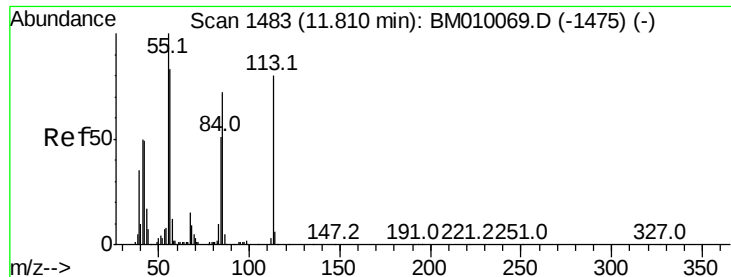
mohammad
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#34
Hexachlorobutadiene
Concen: 47.18 ng
RT: 11.04 min Scan# 1352
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	47.9	71.9	
227	65.6	50.1	75.1	





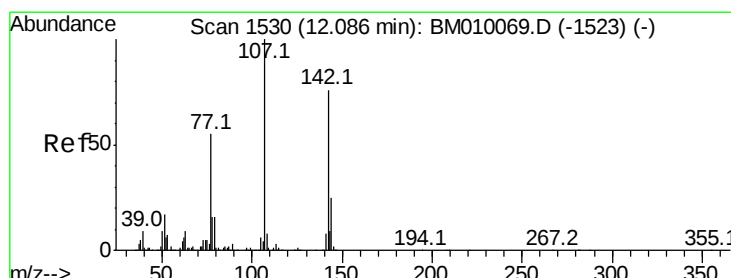
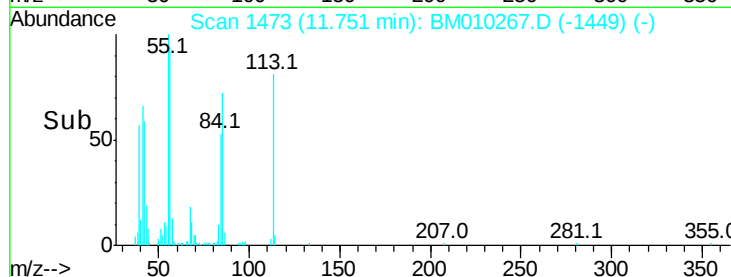
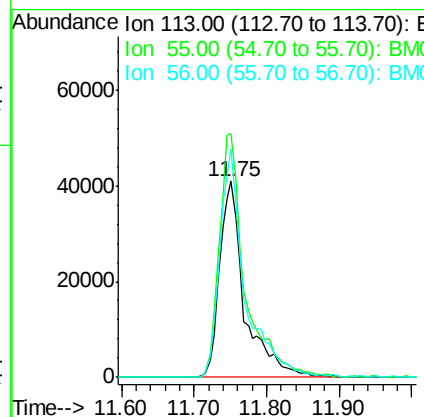
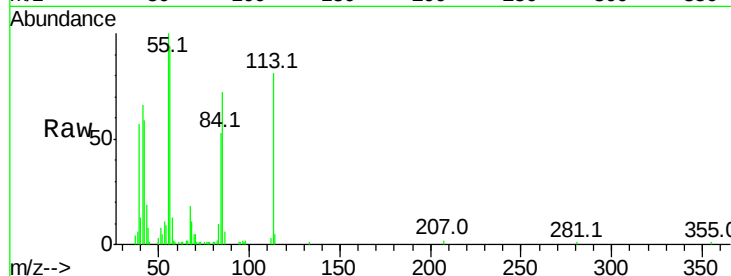
#35
 Caprolactam
 Concen: 42.34 ng
 RT: 11.75 min Scan# 1473
 Delta R.T. -0.06 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.2	145.9	185.9#
56	116.6	101.0	141.0

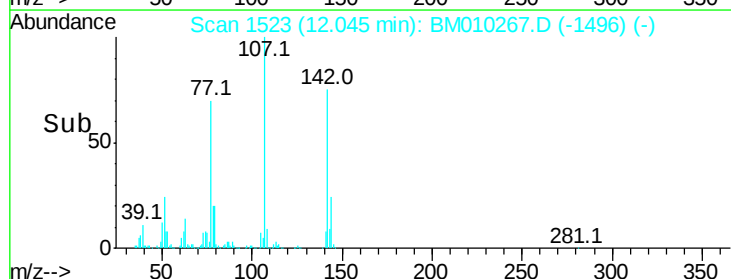
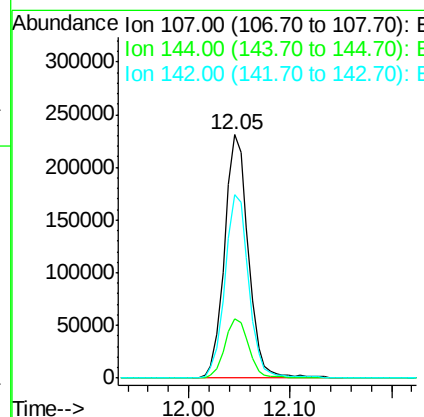
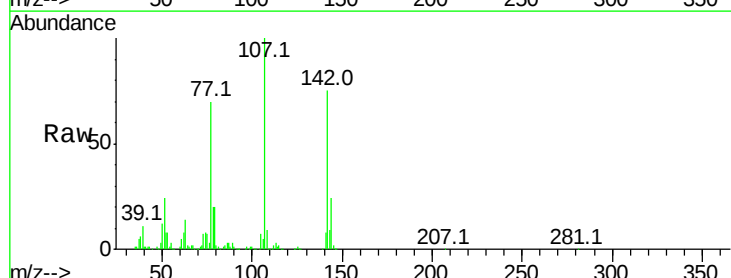
Manual Integrations
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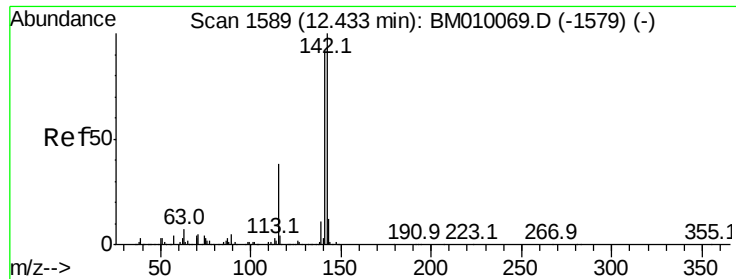
mohammad
 5/30/2017 1:10:03 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.94 ng
 RT: 12.05 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	23.3	34.9
142	75.3	72.6	109.0





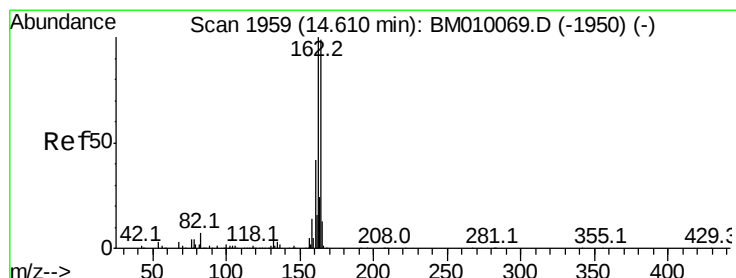
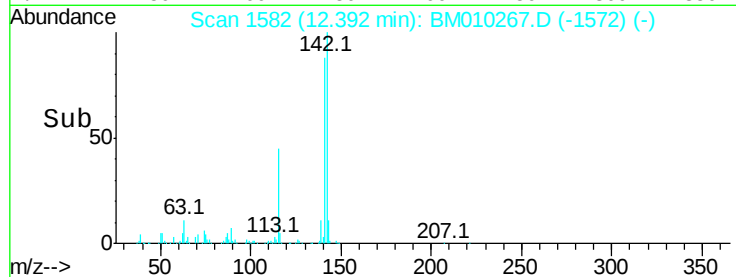
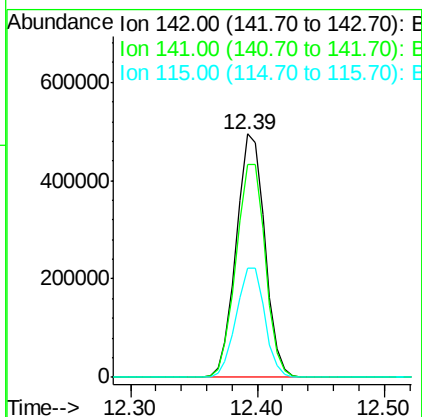
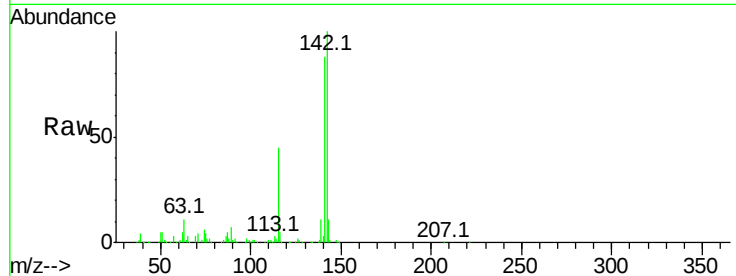
#37
 2-Methylnaphthalene
 Concen: 41.49 ng
 RT: 12.39 min Scan# 1582
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.9	107.9
115	45.0	25.4	38.0

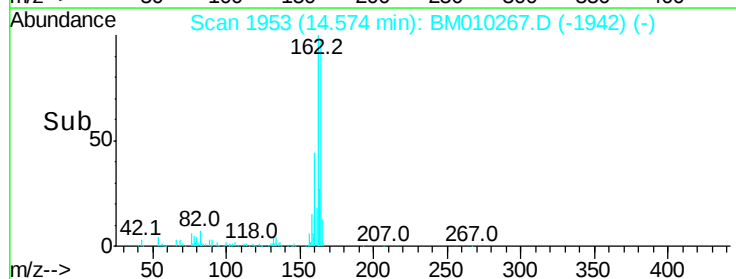
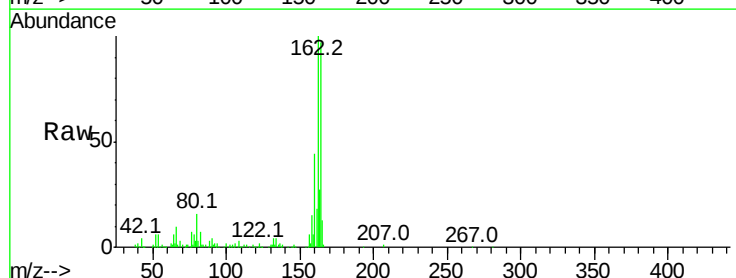
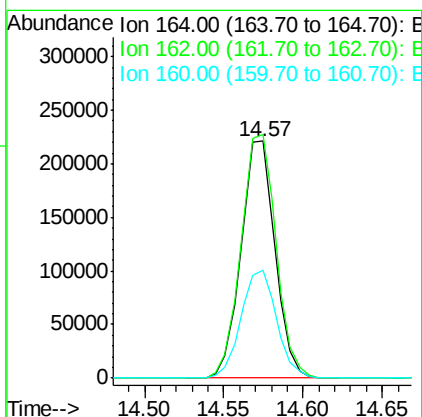
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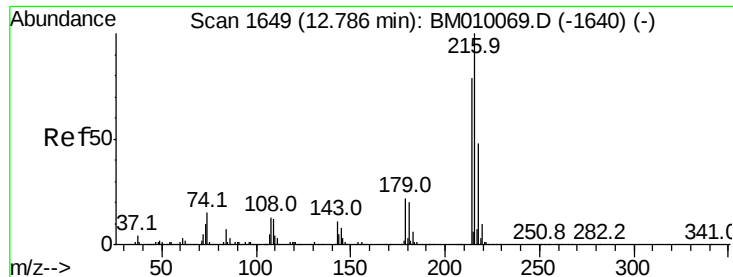
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.4	123.6
160	45.7	35.8	53.6





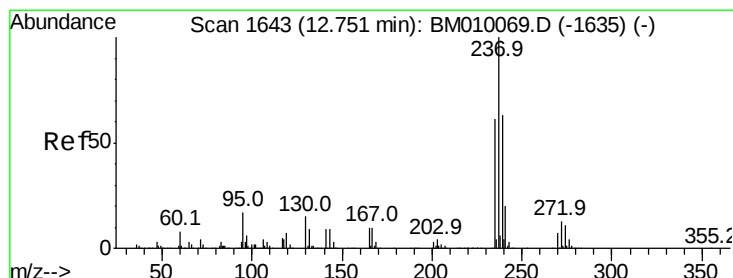
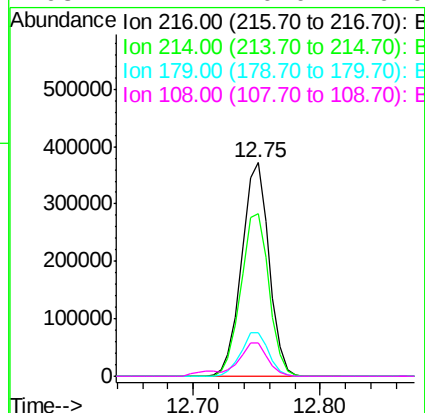
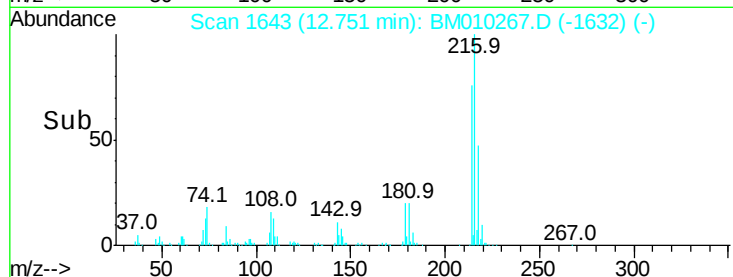
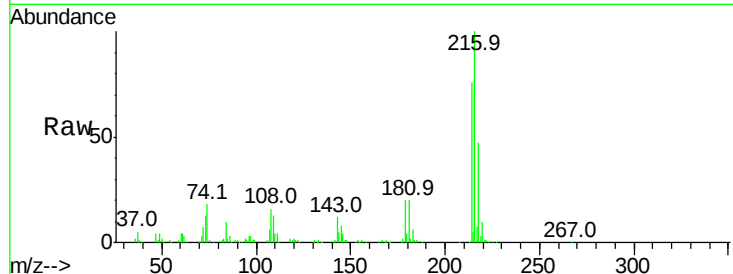
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.94 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.0	0.0	0.0	0.0
179	20.8	0.0	0.0	0.0
108	17.7	0.0	0.0	0.0

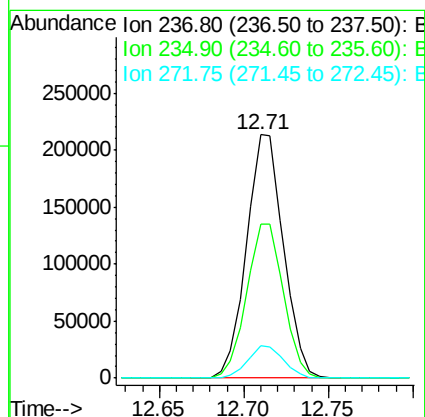
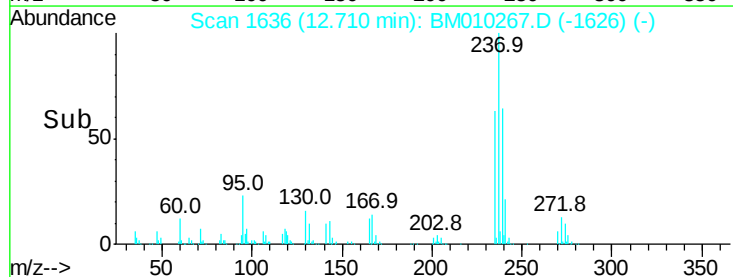
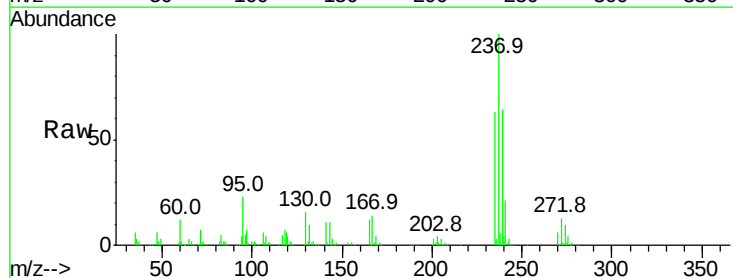
Manual Integrations
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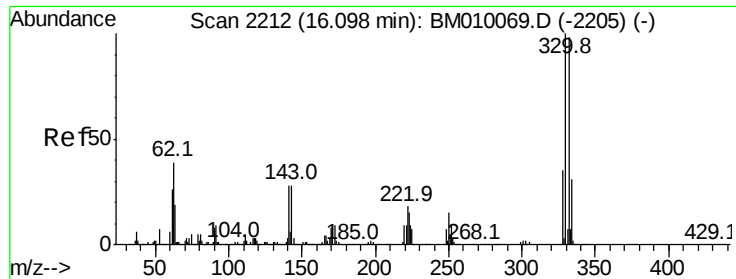
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 44.45 ng
 RT: 12.71 min Scan# 1636
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.4	42.0	82.0	
272	13.2	0.0	33.4	





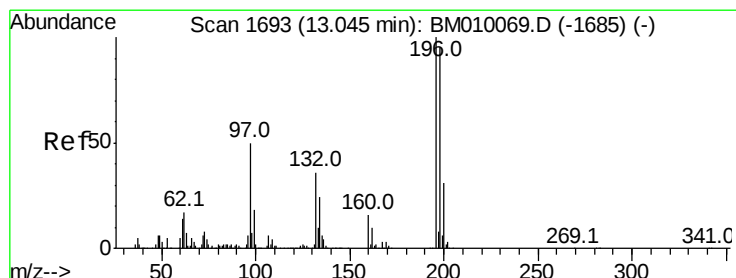
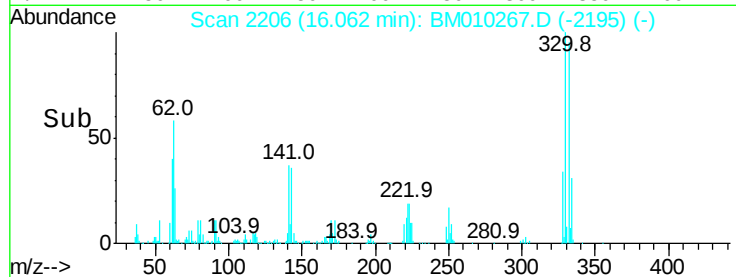
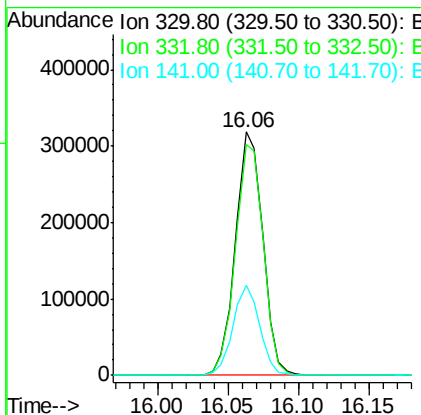
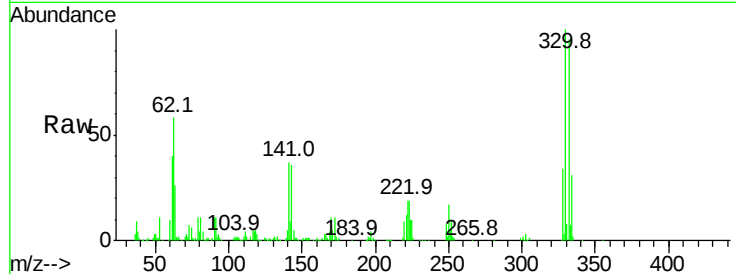
#41
2,4,6-Tribromophenol
Concen: 86.53 ng
RT: 16.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	36.2	0.0	0.0#

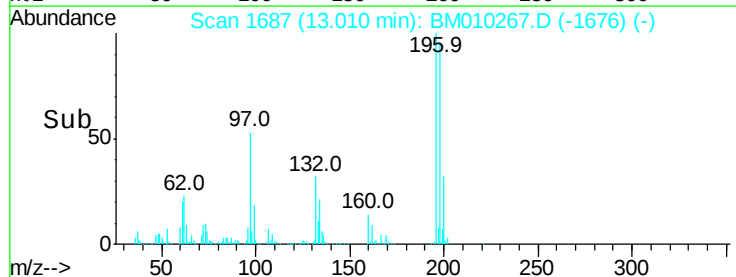
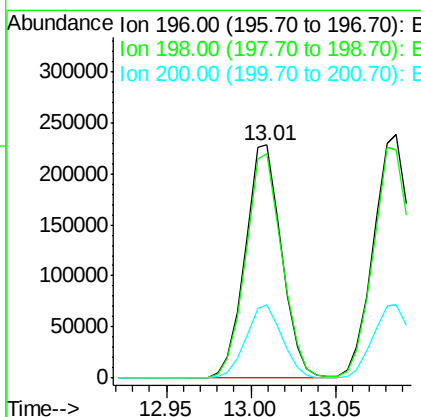
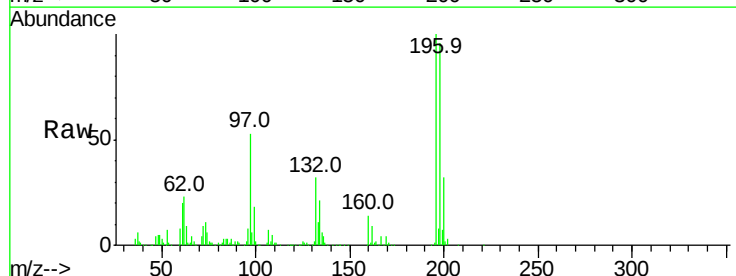
Manual Integrations
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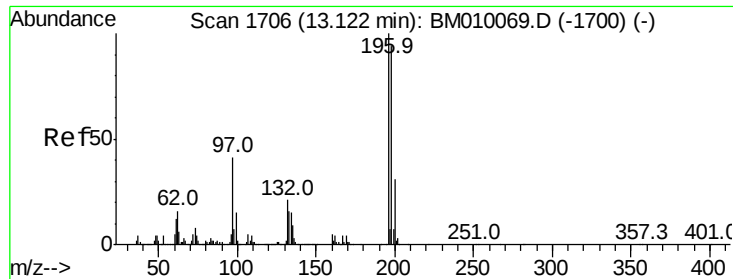
mohammad
5/30/2017 1:10:03 PM



#42
2,4,6-Trichlorophenol
Concen: 46.17 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.4	76.3	114.5
200	31.6	25.6	38.4





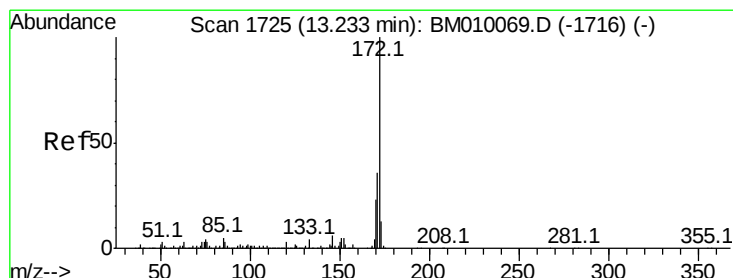
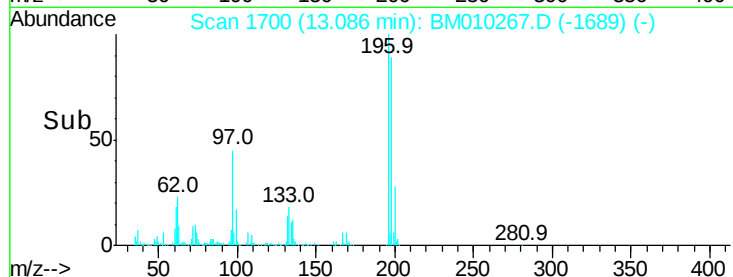
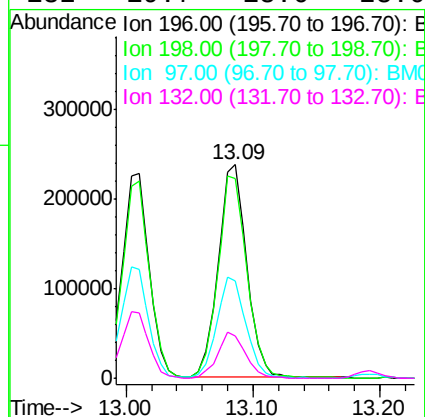
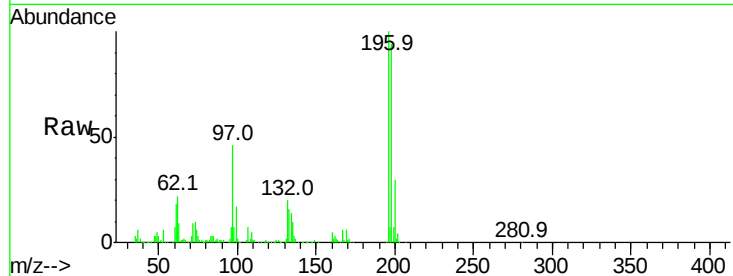
#43
 2,4,5-Trichlorophenol
 Concen: 45.09 ng
 RT: 13.09 min Scan# 1700
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	371020		
198	93.7	79.4	119.0	
97	45.7	26.8	40.2	
132	19.7	18.6	28.0	

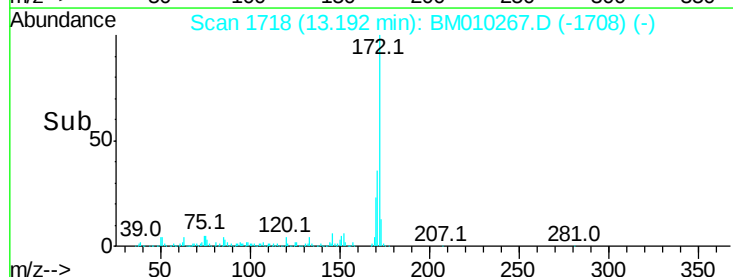
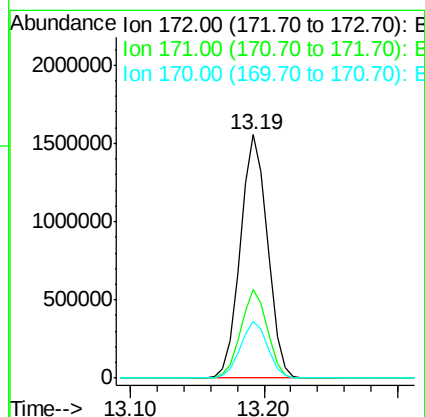
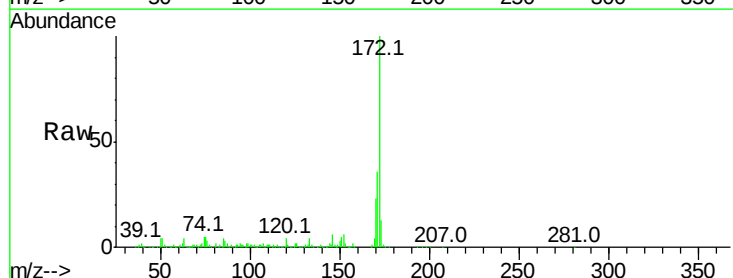
Manual Integrations
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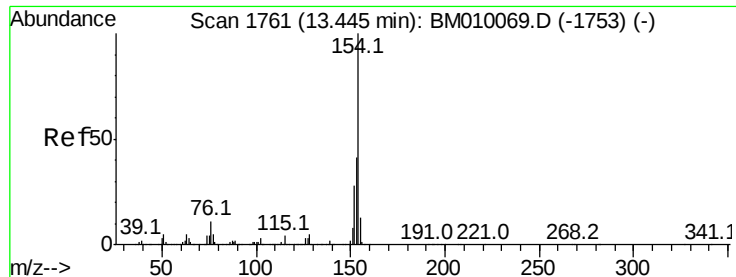
mohammad
 5/30/2017 1:10:03 PM



#44
 2-Fluorobiphenyl
 Concen: 85.55 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2187822		
171	36.2	28.5	42.7	
170	23.3	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 41.15 ng

RT: 13.40 min Scan# 1754

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1112588

Ion Ratio Lower Upper

154 100

153 39.6 20.7 60.7

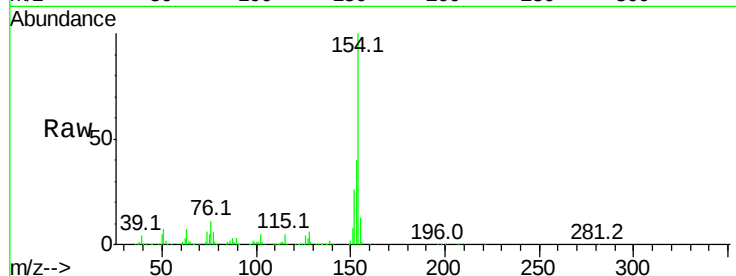
76 10.6 0.0 30.9

Manual Integrations

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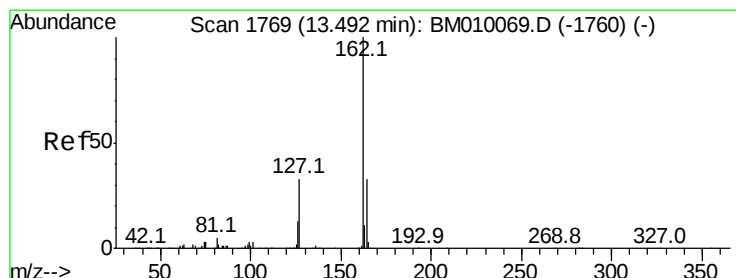
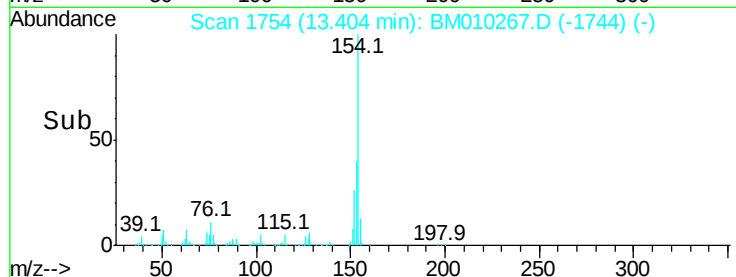
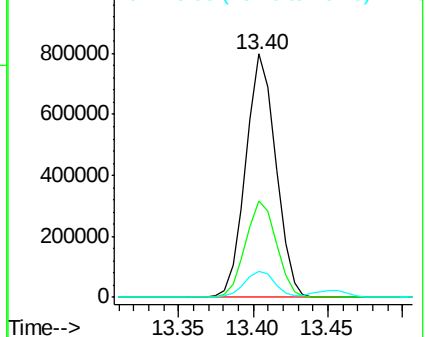
5/30/2017 1:10:03 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 41.50 ng

RT: 13.45 min Scan# 1762

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

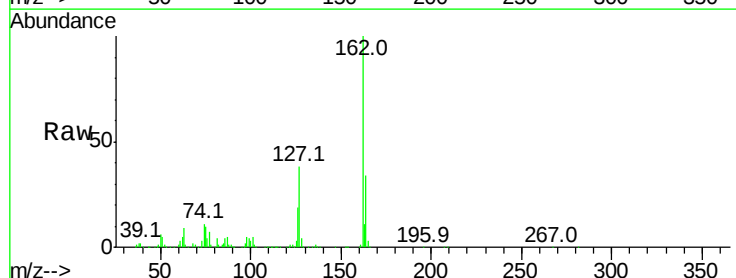
Tgt Ion:162 Resp: 908342

Ion Ratio Lower Upper

162 100

127 37.8 26.9 40.3

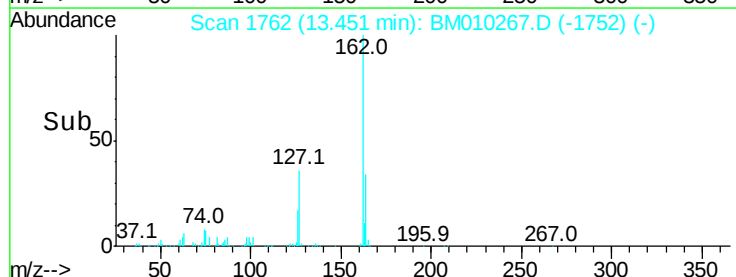
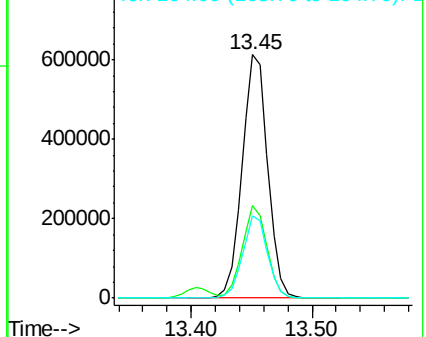
164 34.0 26.8 40.2

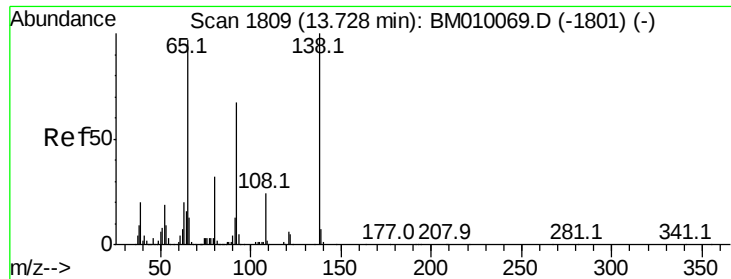


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





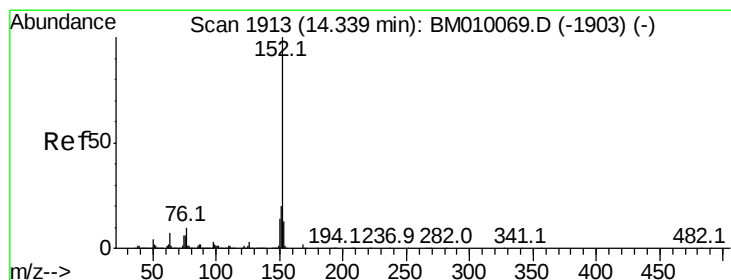
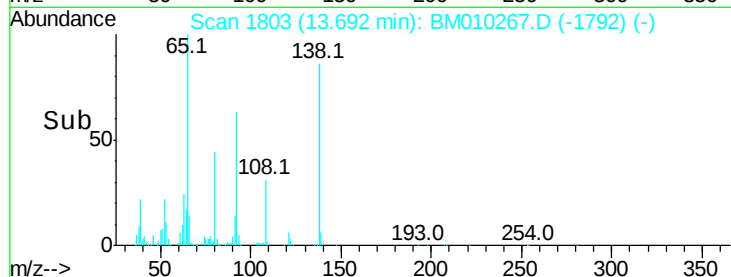
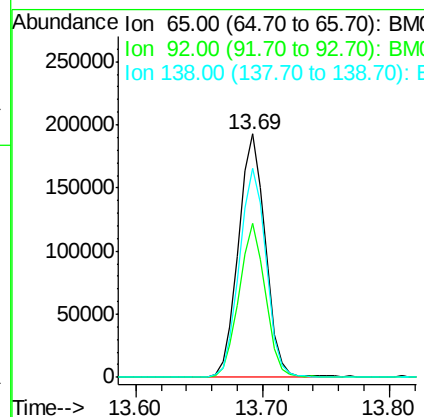
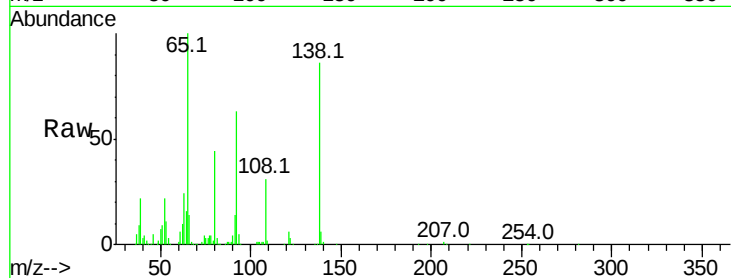
#47
2-Nitroaniline
Concen: 50.08 ng
RT: 13.69 min Scan# 1803
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.2	59.1	88.7
138	86.0	93.9	140.9

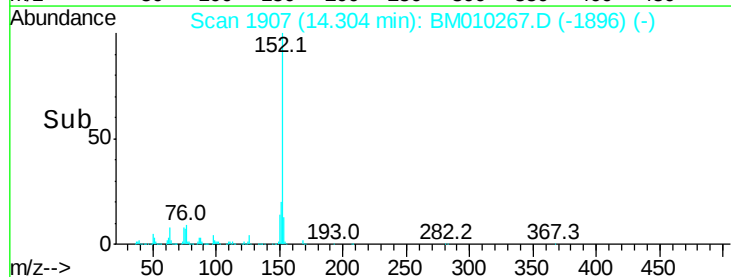
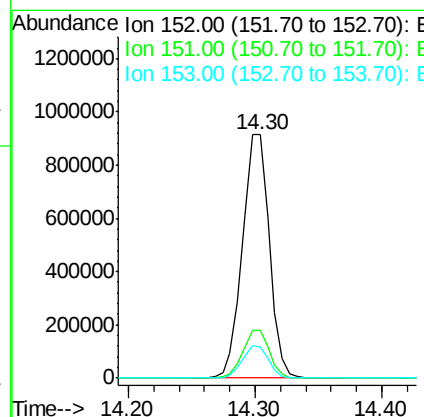
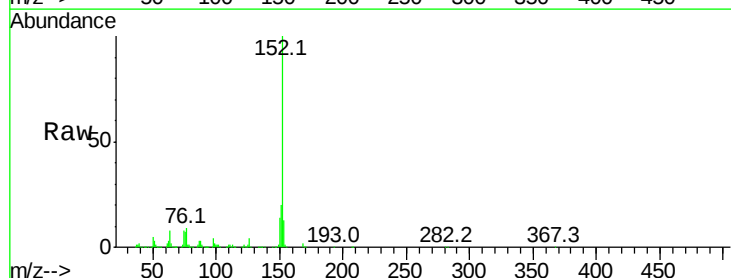
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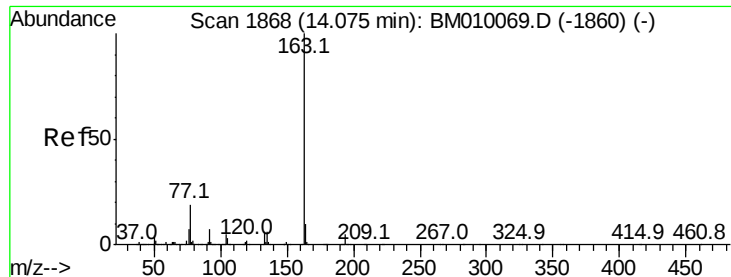
mohammad
5/30/2017 1:10:03 PM



#48
Acenaphthylene
Concen: 41.36 ng
RT: 14.30 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.7	10.6	16.0





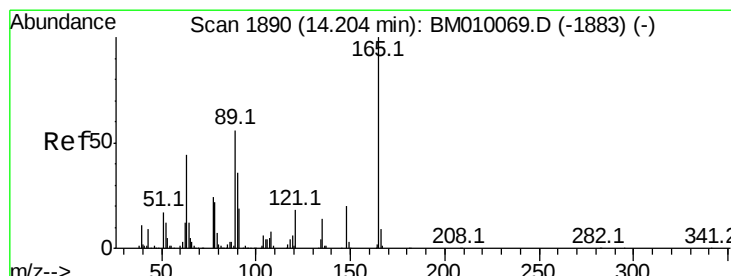
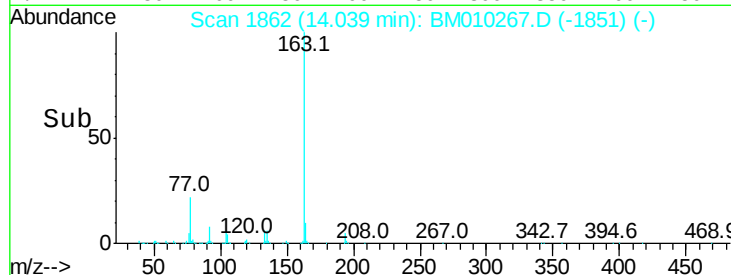
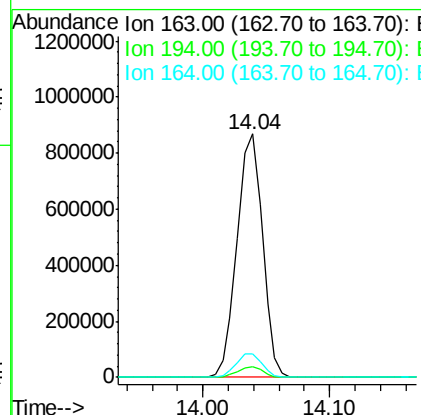
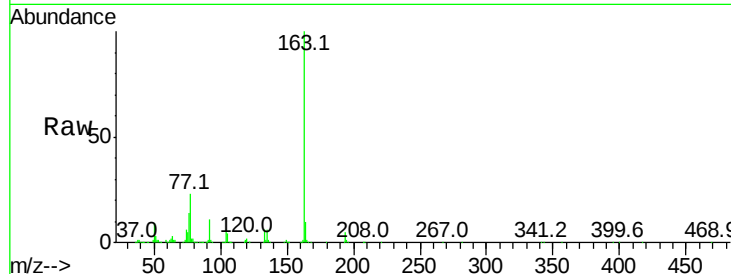
#49
Dimethylphthalate
Concen: 41.12 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.9	8.2	12.2

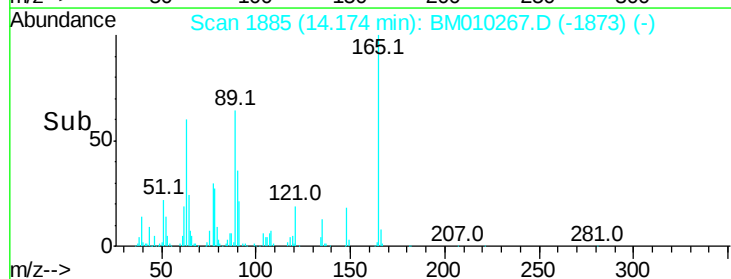
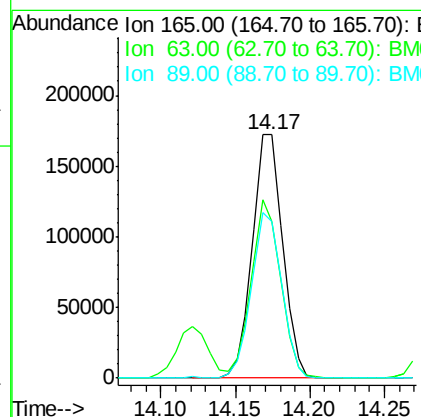
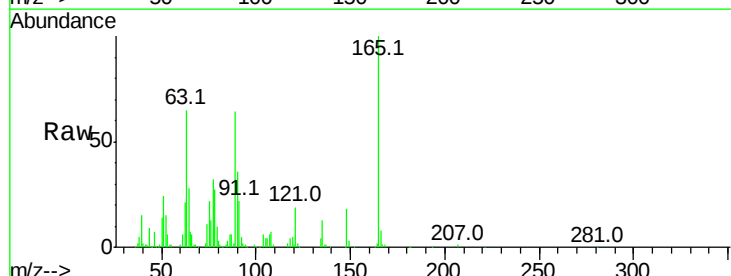
Manual Integrations
APPROVED

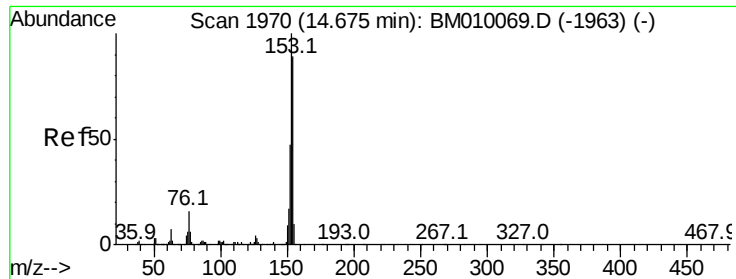
mohammad
5/30/2017 1:10:03 PM



#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.03 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.6	44.1	66.1
89	64.2	44.3	66.5





#51

Acenaphthene

Concen: 41.24 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

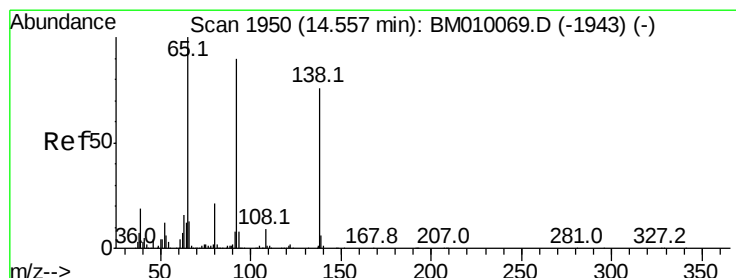
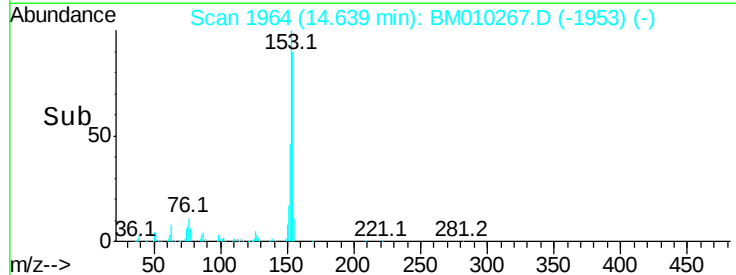
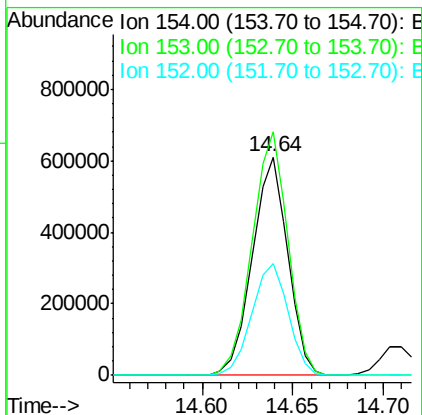
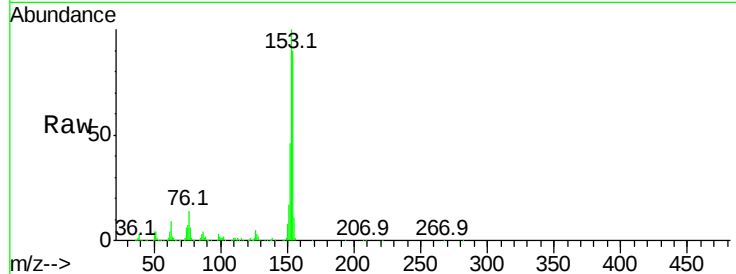
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	829781
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.0	135.0
152	51.1	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 39.95 ng

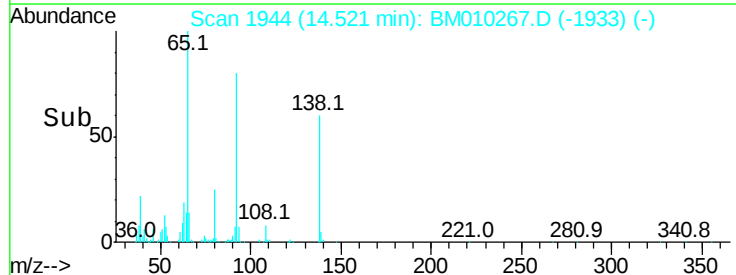
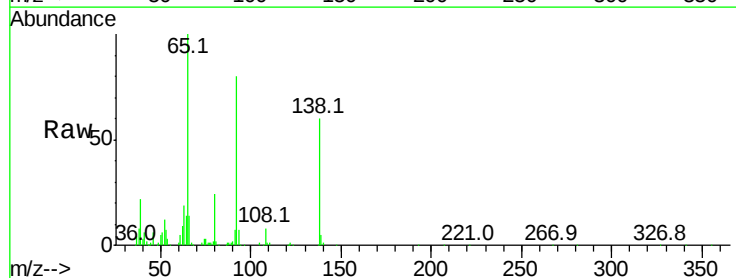
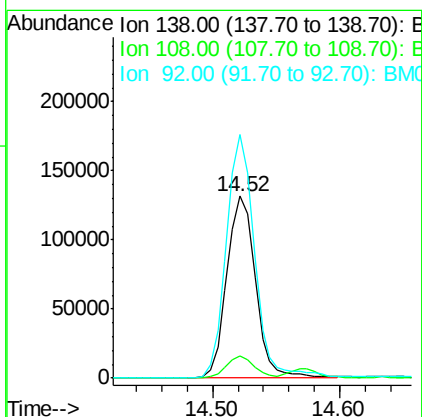
RT: 14.52 min Scan# 1944

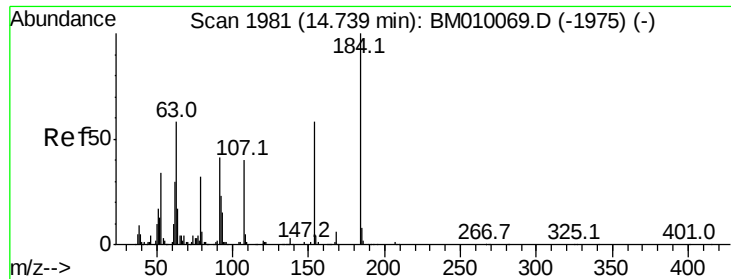
Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	138	Resp:	206743
Ion Ratio	Lower	Upper	
138	100		
108	12.6	7.3	10.9#
92	134.0	76.6	114.8#





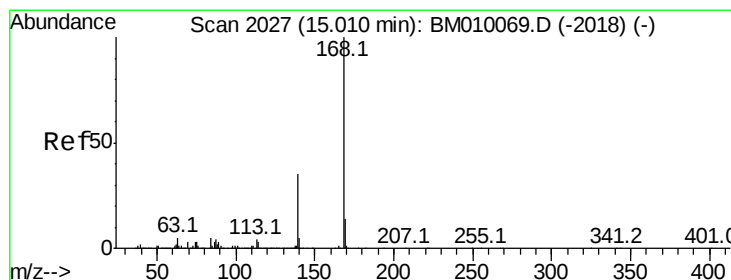
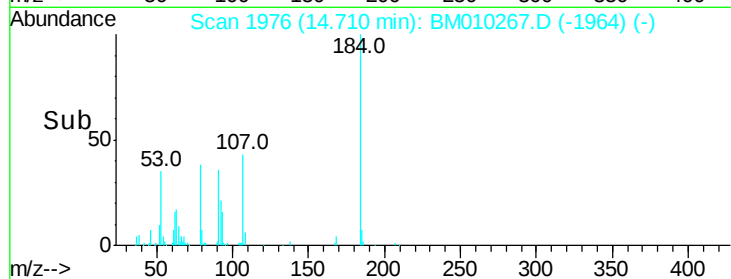
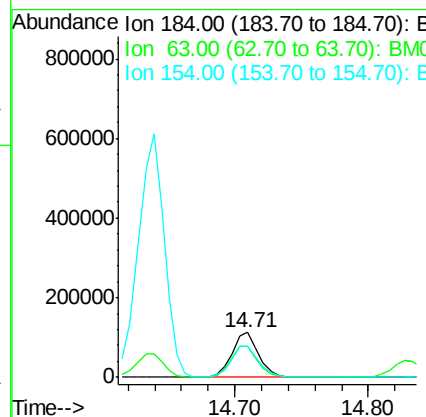
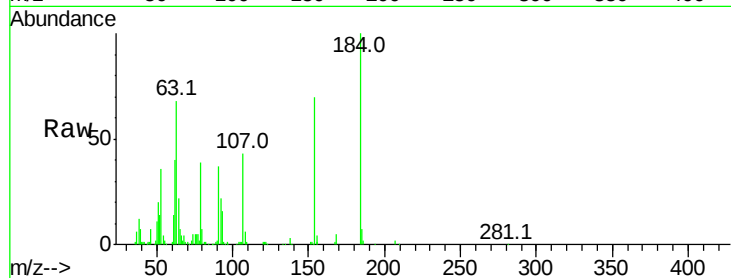
#53
2,4-Dinitrophenol
Concen: 45.80 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.03 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.4	69.2	103.8#
154	69.6	53.3	79.9

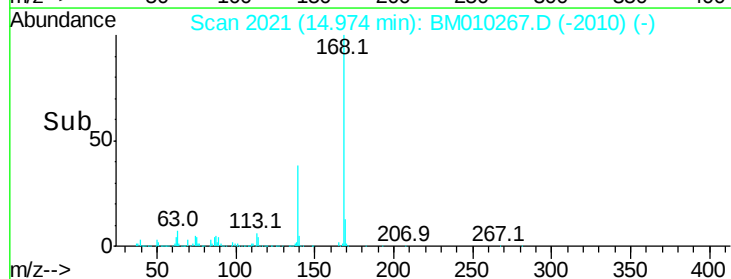
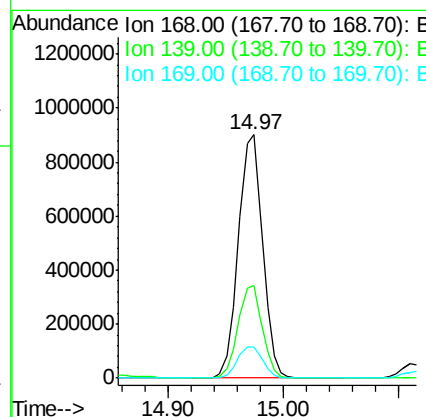
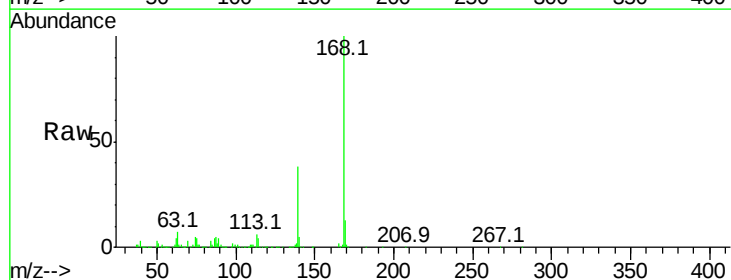
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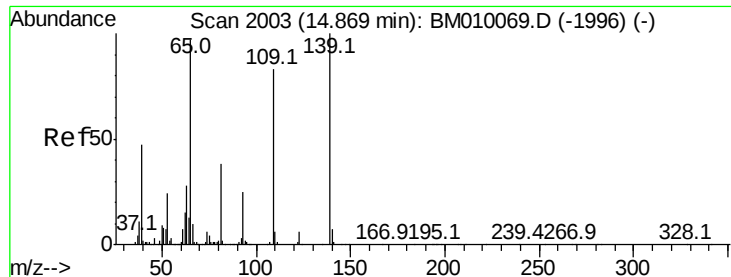
mohammad
5/30/2017 1:10:03 PM



#54
Dibenzofuran
Concen: 41.44 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	27.3	40.9
169	12.9	10.6	16.0





#55

4-Nitrophenol

Concen: 38.12 ng

RT: 14.83 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

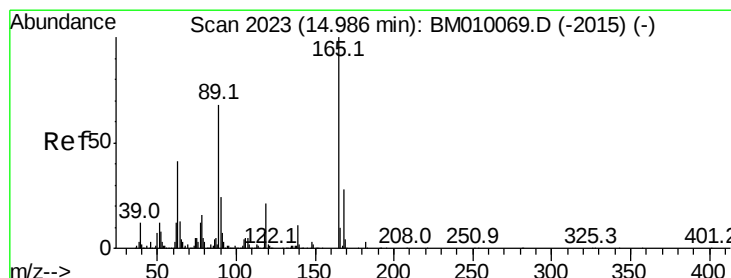
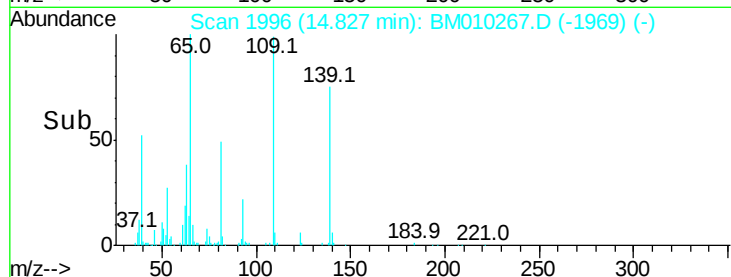
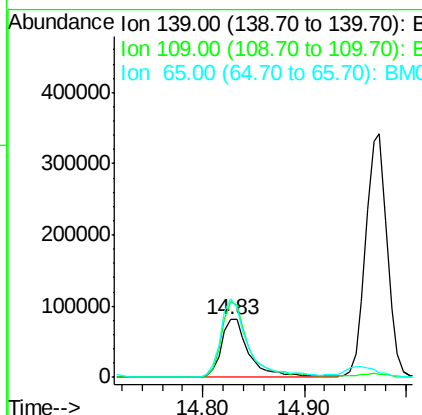
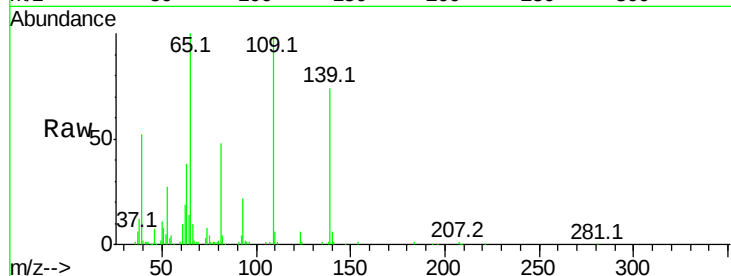
ClientSampleId :

SSTDCCC040EC

Tot Ion:	139	Resp:	158750
Ion Ratio	Lower	Upper	
139	100		
109	132.0	37.7	77.7#
65	134.9	49.9	89.9#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 43.26 ng

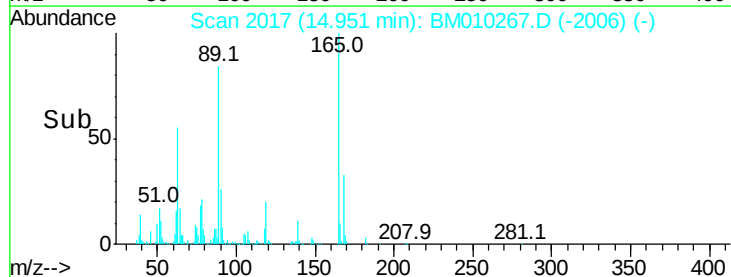
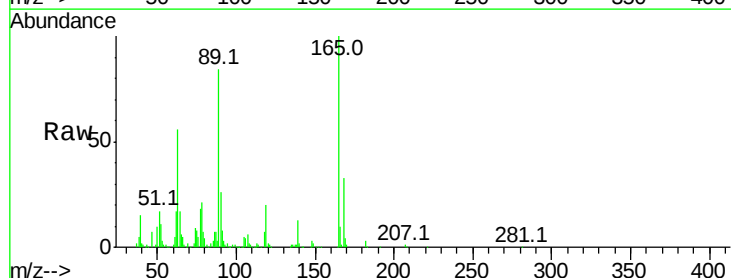
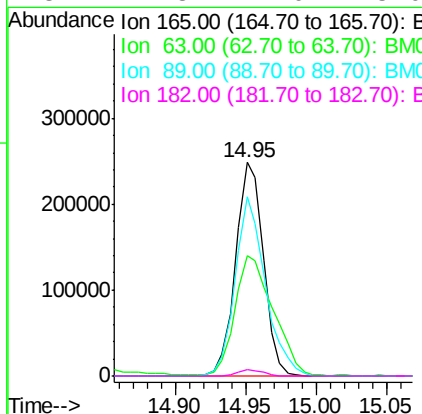
RT: 14.95 min Scan# 2017

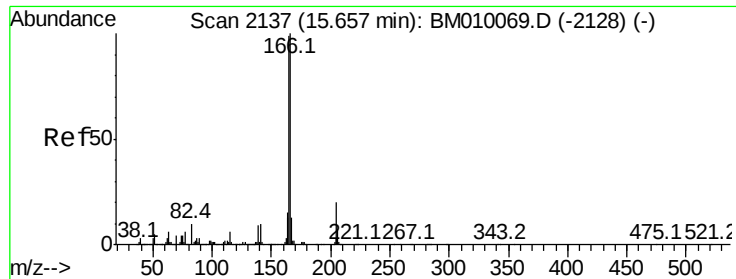
Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	165	Resp:	340768
Ion Ratio	Lower	Upper	
165	100		
63	56.1	52.4	78.6
89	84.1	72.4	108.6
182	2.8	2.0	3.0





#57

Fluorene

Concen: 42.29 ng

RT: 15.62 min Scan# 2130

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1163595

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.4

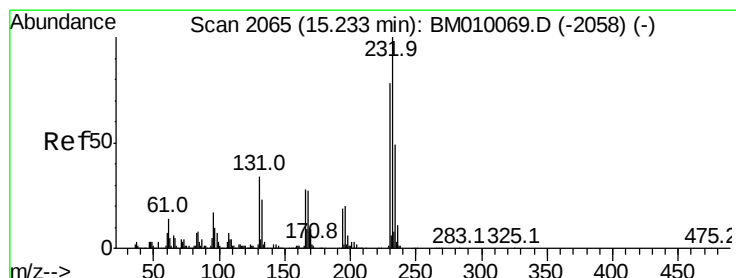
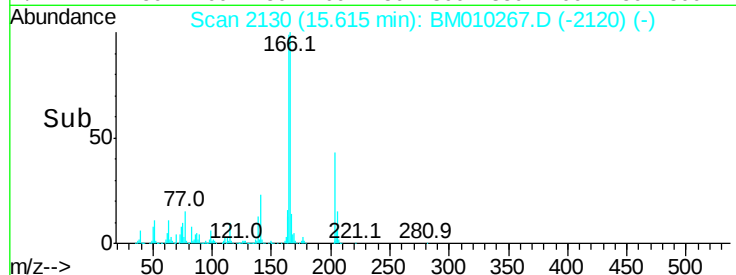
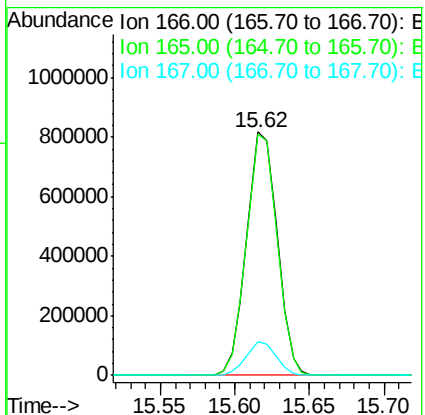
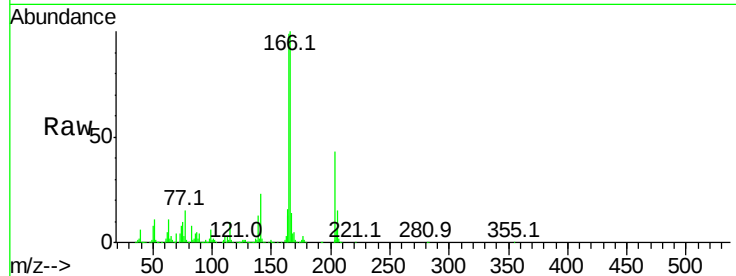
167 13.6 10.3 15.5

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.99 ng

RT: 15.20 min Scan# 2059

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:232 Resp: 322331

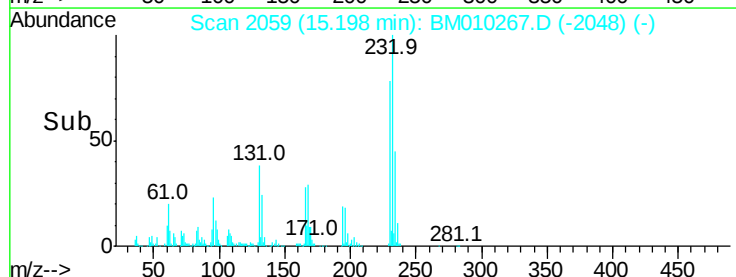
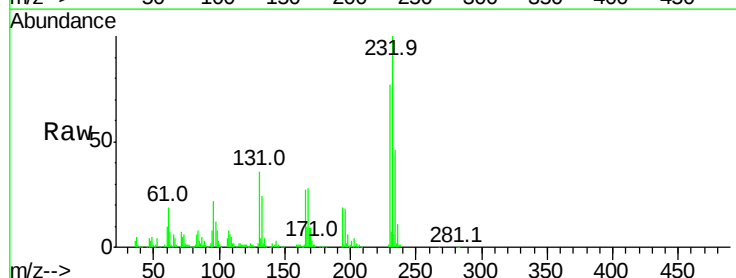
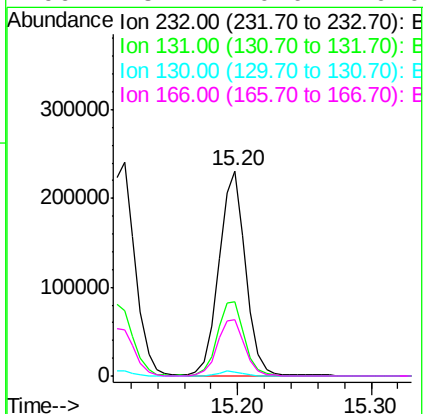
Ion Ratio Lower Upper

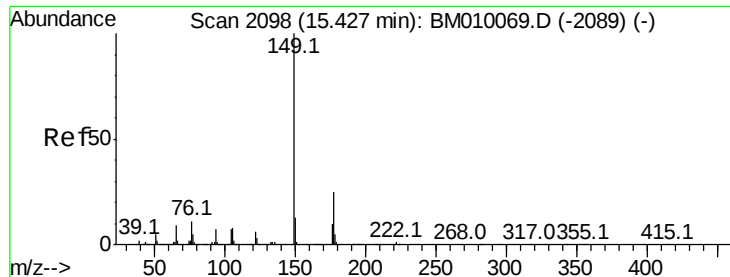
232 100

131 37.5 0.0 0.0#

130 2.3 0.0 0.0#

166 28.4 0.0 0.0#





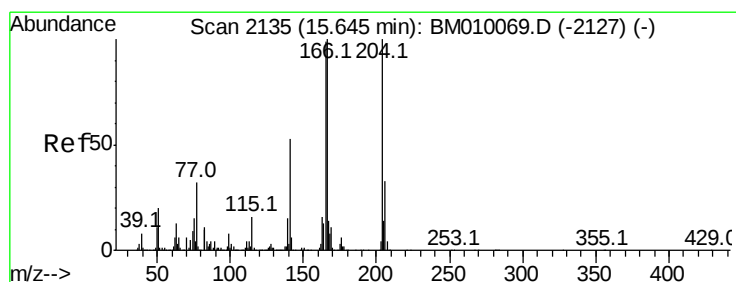
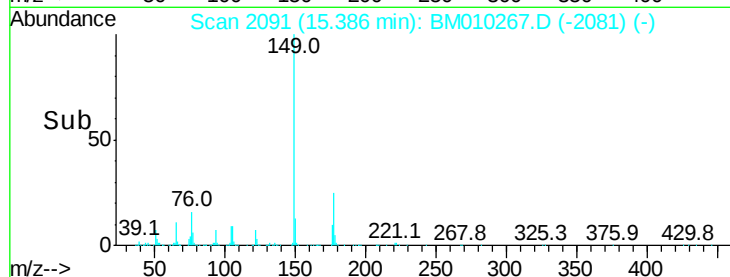
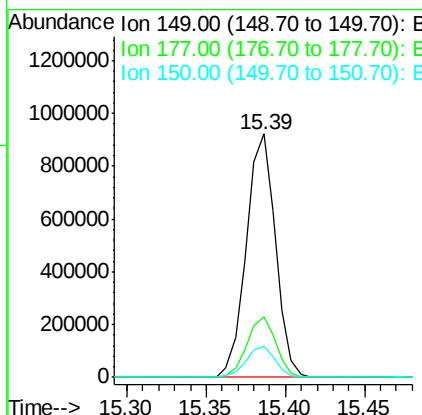
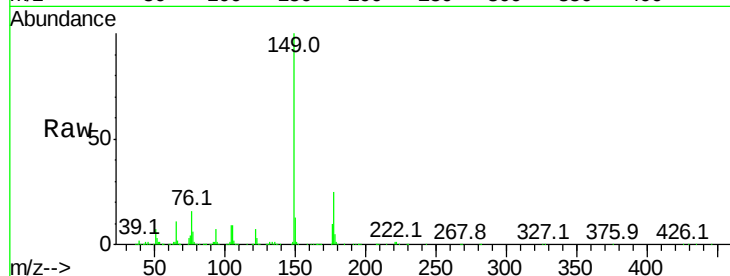
#59
Diethylphthalate
Concen: 42.45 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.3	27.5
150	13.0	9.8	14.8

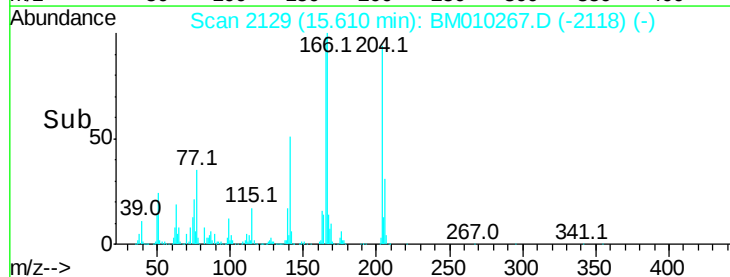
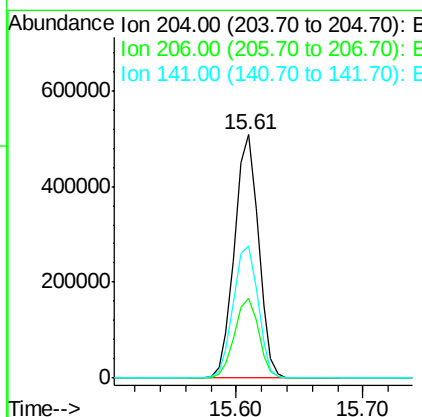
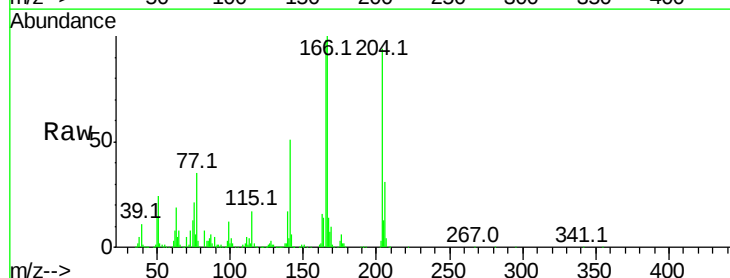
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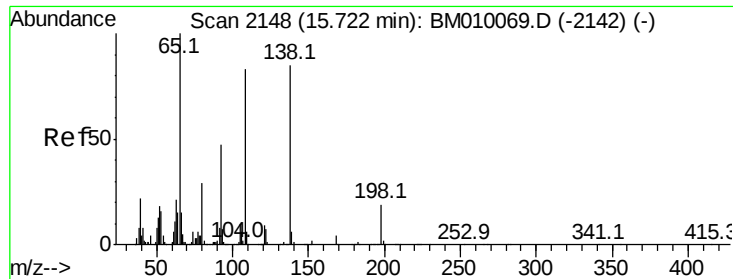
mohammad
5/30/2017 1:10:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.95 ng
RT: 15.61 min Scan# 2129
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	54.4	45.2	67.8





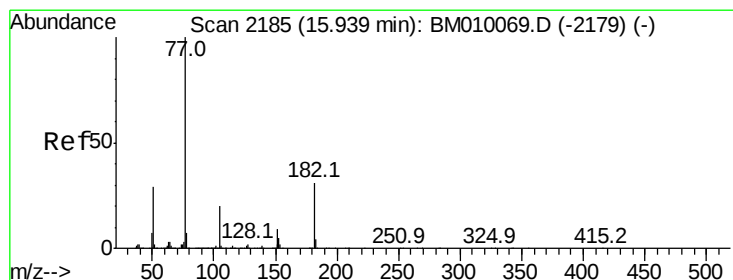
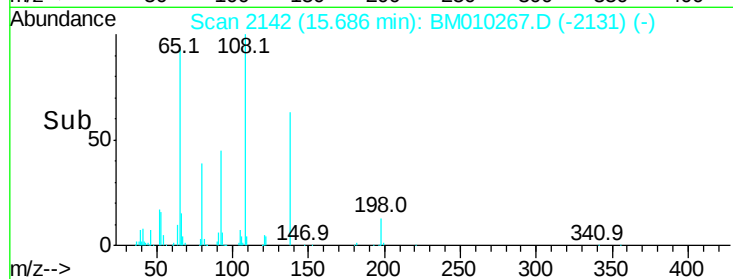
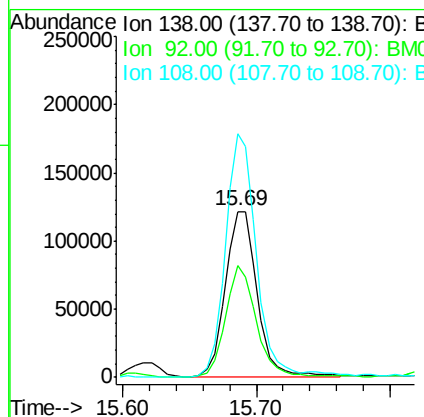
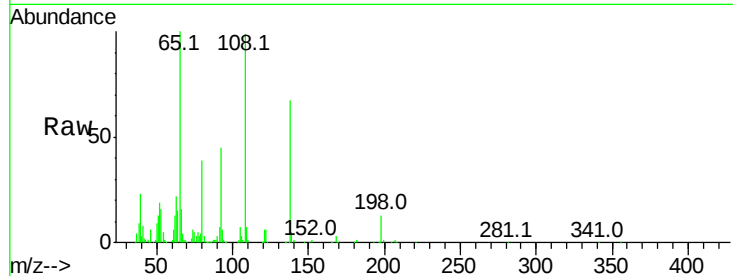
#61
4-Nitroaniline
Concen: 39.17 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	67.3	16.7	56.7#	
108	146.7	37.6	77.6#	

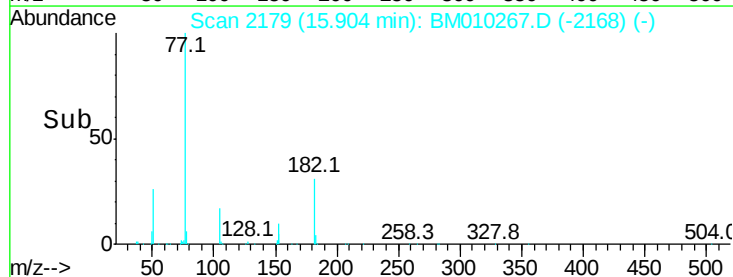
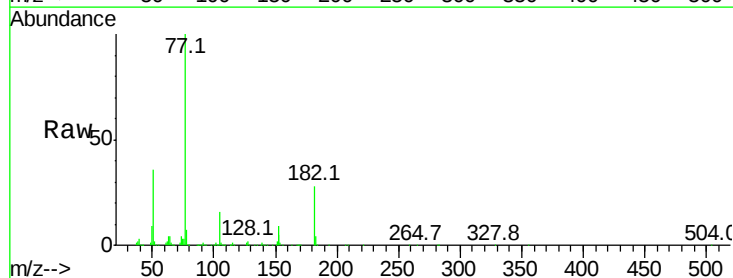
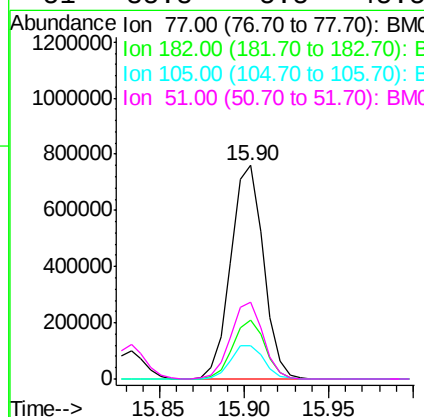
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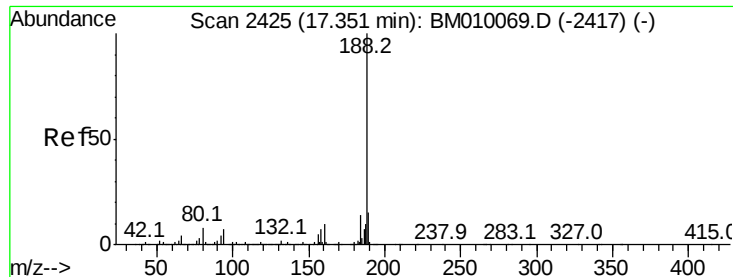
mohammad
5/30/2017 1:10:03 PM



#62
Azobenzene
Concen: 50.07 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.7	6.5	46.5	
105	15.8	3.8	43.8	
51	35.8	5.5	45.5	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2419

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

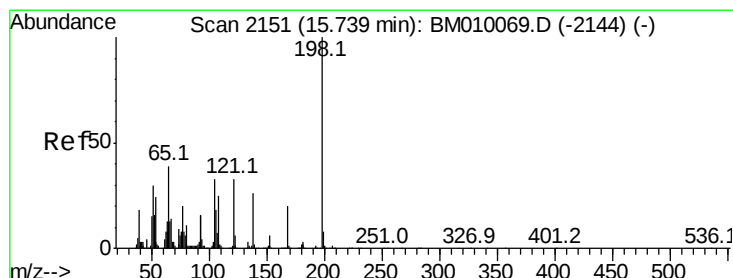
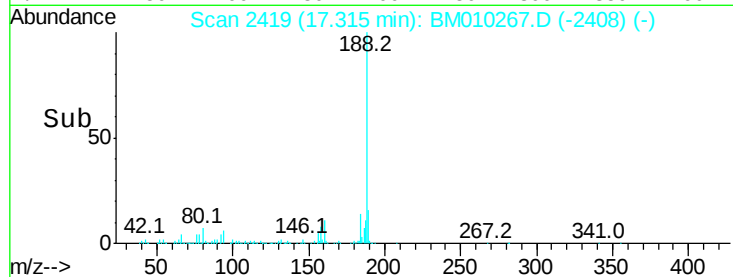
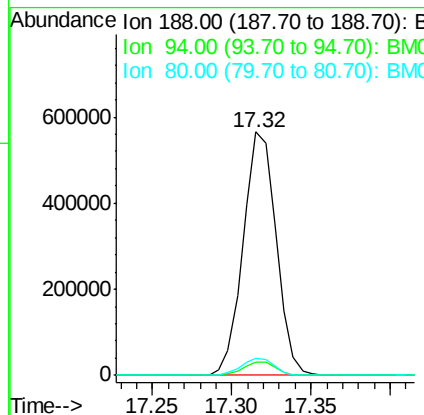
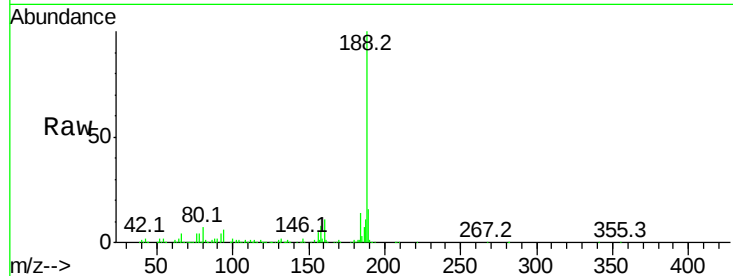
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	817488
Ion Ratio	Lower	Upper	
188	100		
94	5.7	8.7	13.1#
80	7.2	9.3	13.9#

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.08 ng

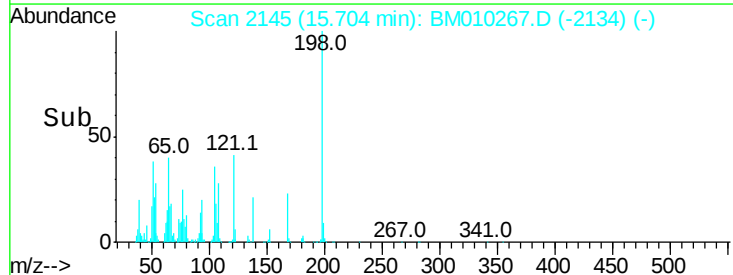
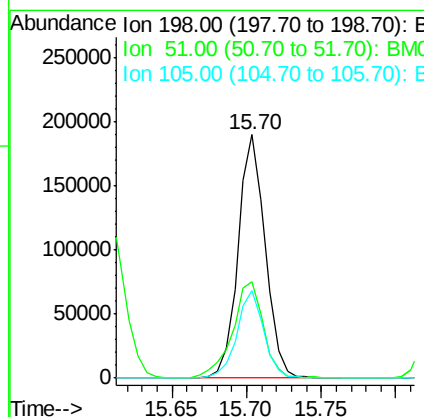
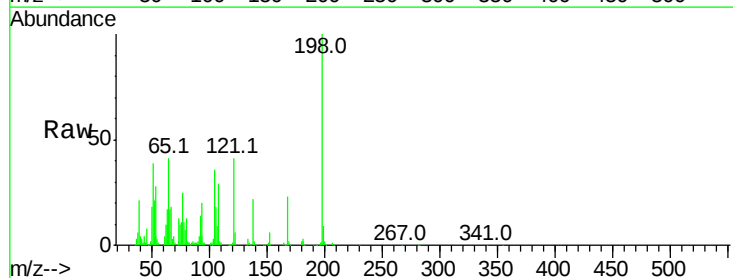
RT: 15.70 min Scan# 2145

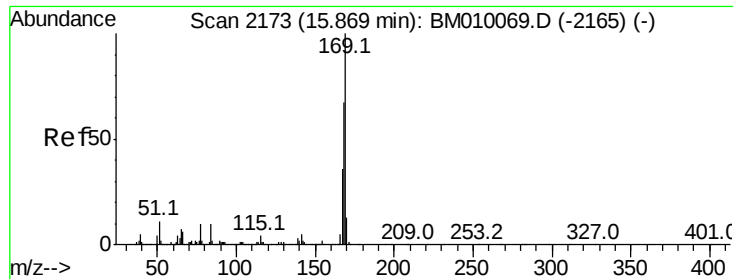
Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	198	Resp:	240117
Ion Ratio	Lower	Upper	
198	100		
51	39.4	28.8	68.8
105	35.7	30.5	70.5





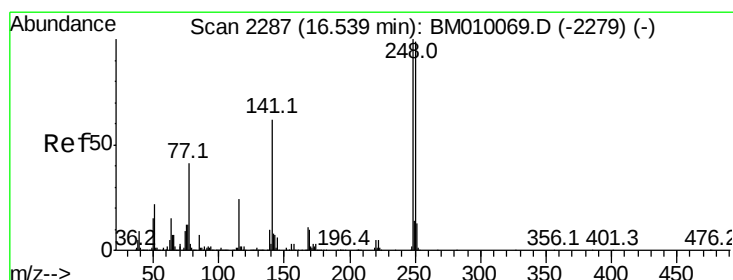
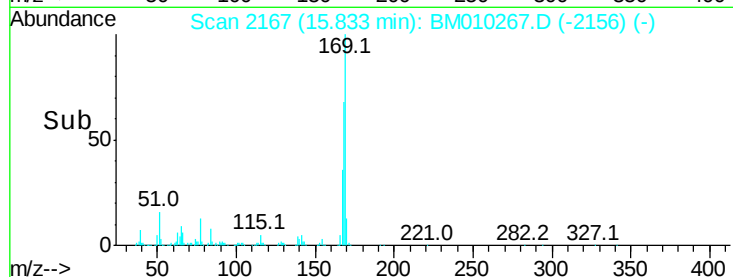
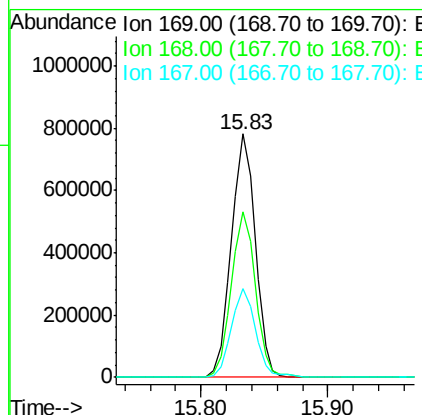
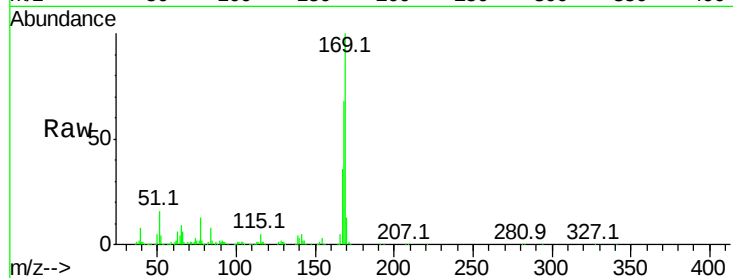
#65
n-Nitrosodiphenylamine
Concen: 41.73 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	36.3	28.9	43.3

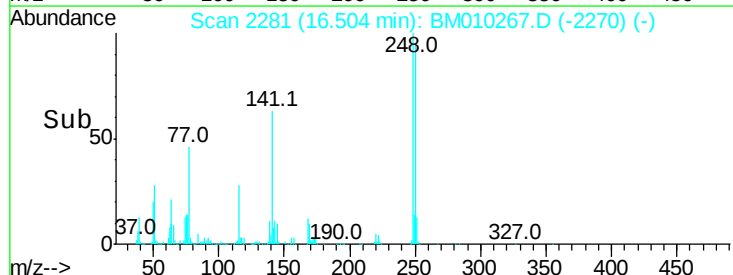
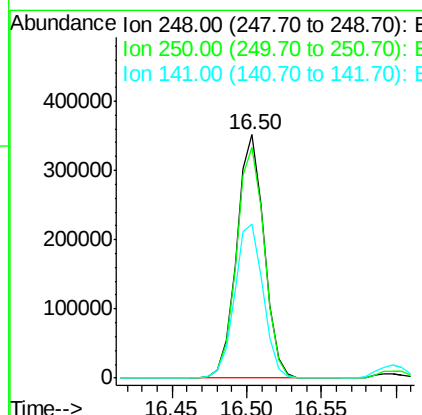
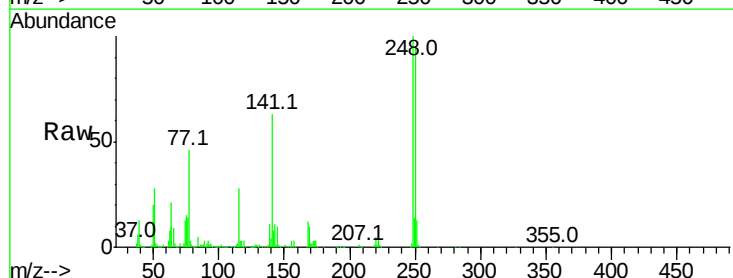
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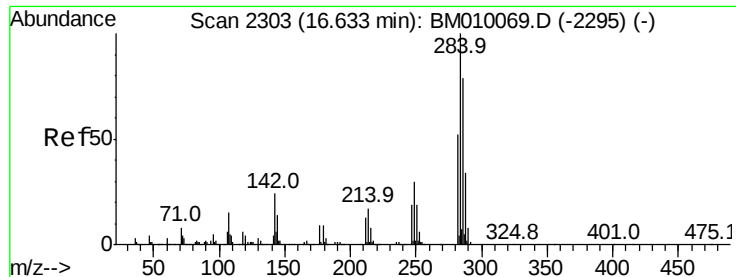
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 43.14 ng
RT: 16.50 min Scan# 2281
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.4	116.0
141	63.3	45.2	67.8





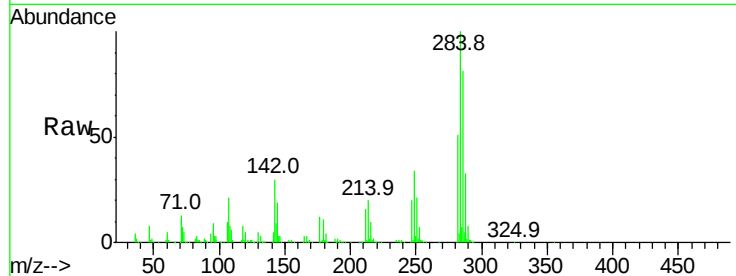
#67
Hexachlorobenzene
Concen: 39.55 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

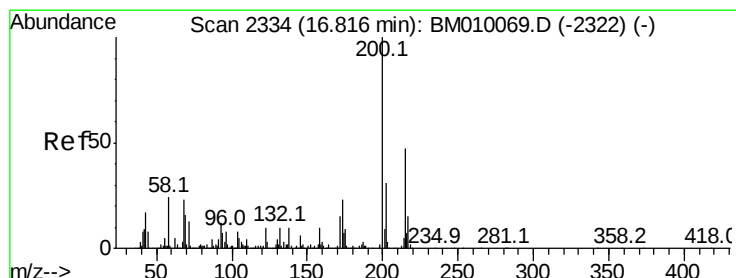
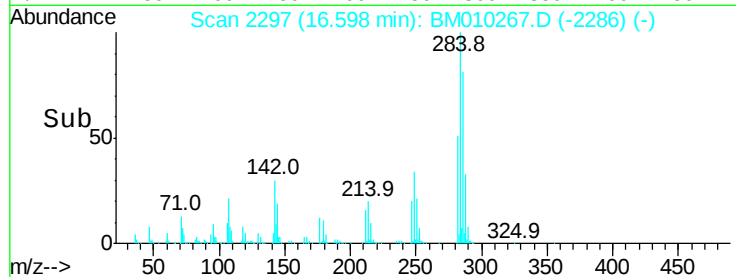
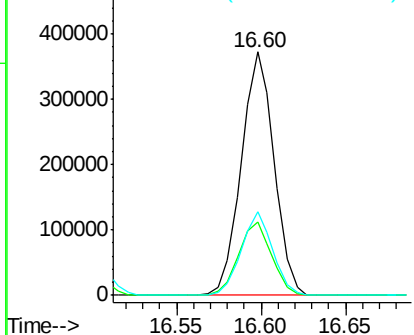
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	30.3	20.4	30.6
249	34.2	23.8	35.6

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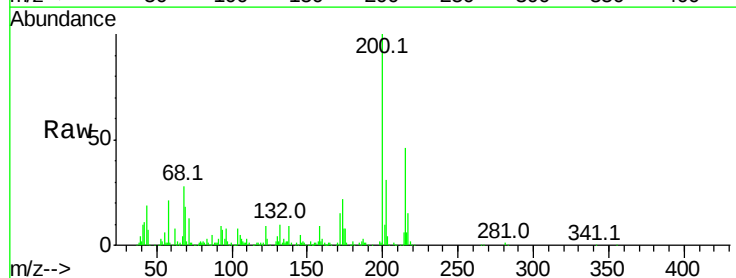


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

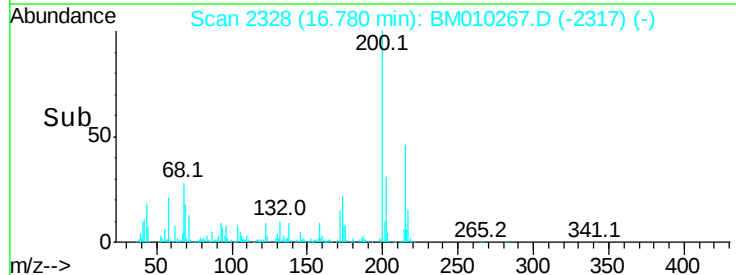
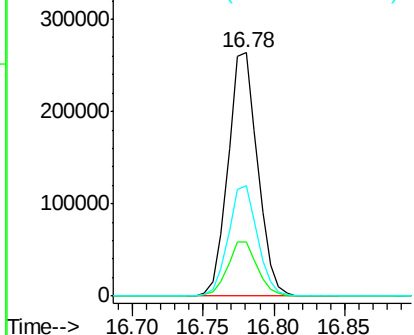


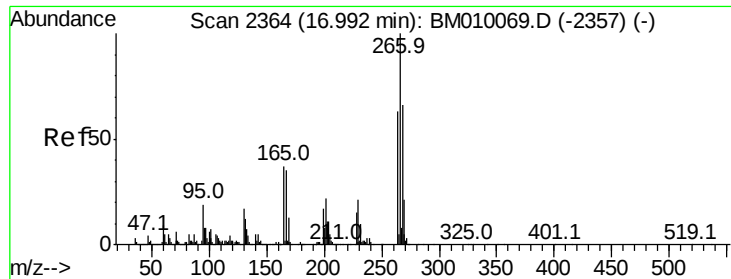
#68
Atrazine
Concen: 41.28 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.1	4.8	44.8
215	45.5	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





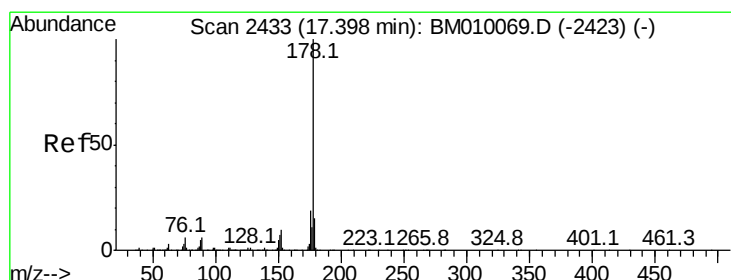
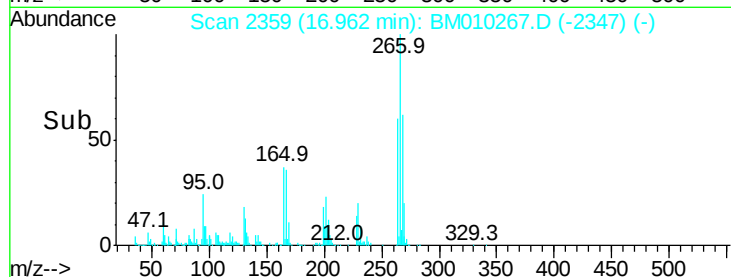
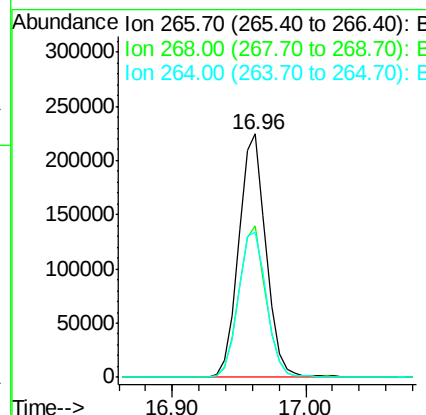
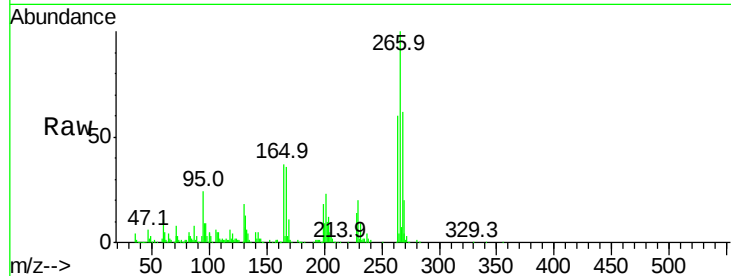
#69
 Pentachlorophenol
 Concen: 45.57 ng
 RT: 16.96 min Scan# 2359
 Delta R.T. -0.03 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.0	78.0
264	59.5	49.0	73.4

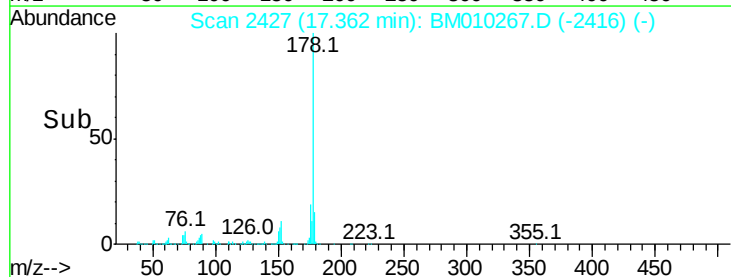
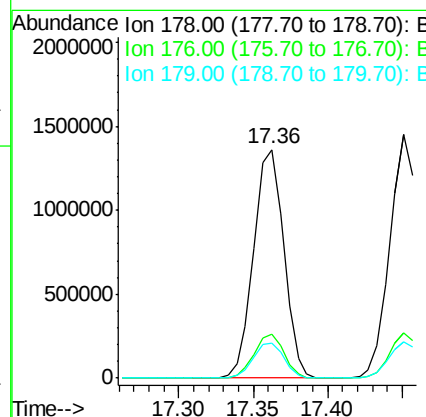
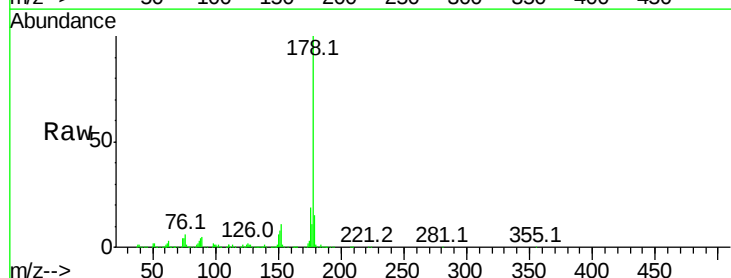
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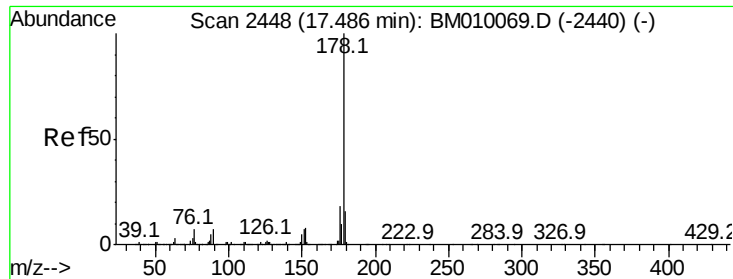
mohammad
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#70
 Phenanthrene
 Concen: 41.58 ng
 RT: 17.36 min Scan# 2427
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.5	12.1	18.1





#71

Anthracene

Concen: 42.60 ng

RT: 17.45 min Scan# 2442

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1933846

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

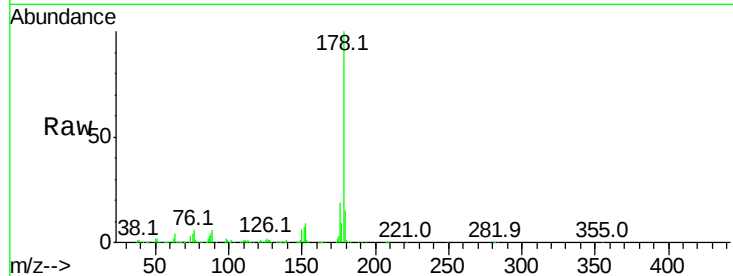
179 15.1 12.6 19.0

Manual Integrations

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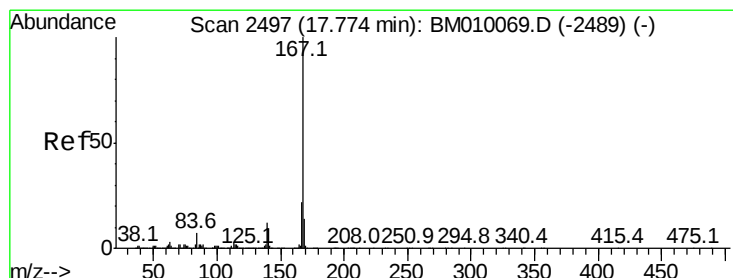
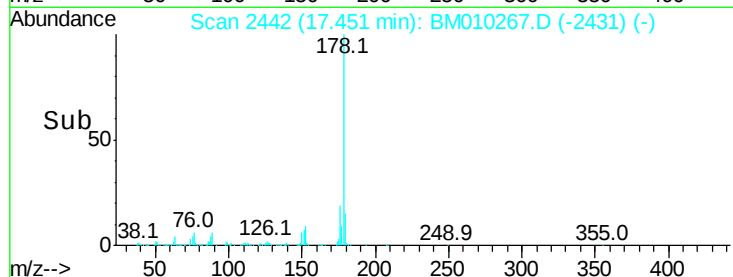
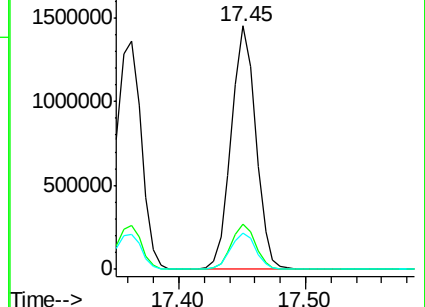
5/30/2017 1:10:03 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.86 ng

RT: 17.74 min Scan# 2491

Delta R.T. -0.04 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

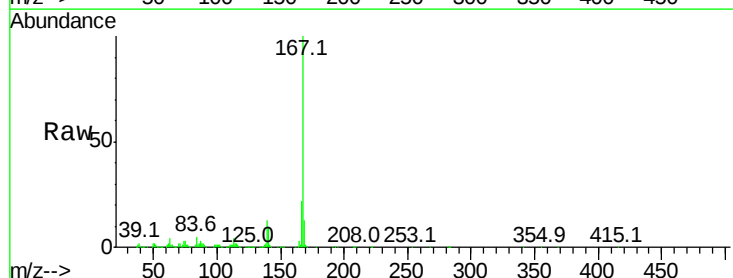
Tgt Ion:167 Resp: 1642139

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

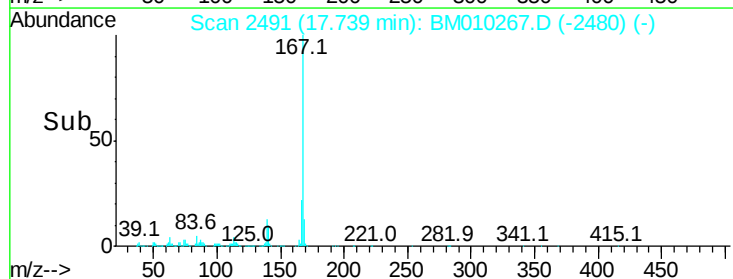
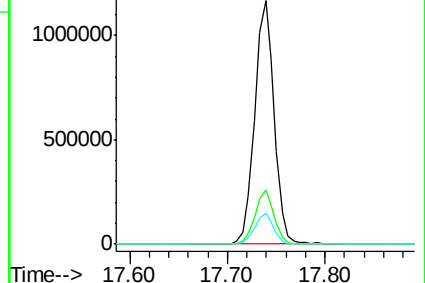
139 12.9 10.8 16.2

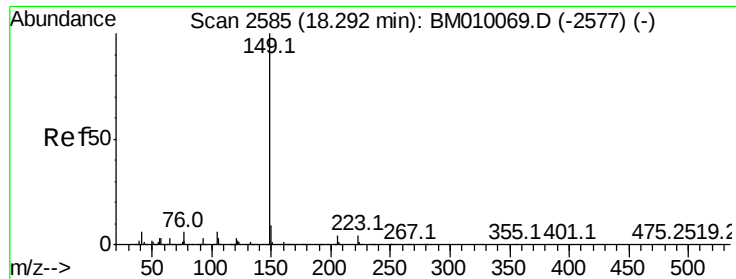


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





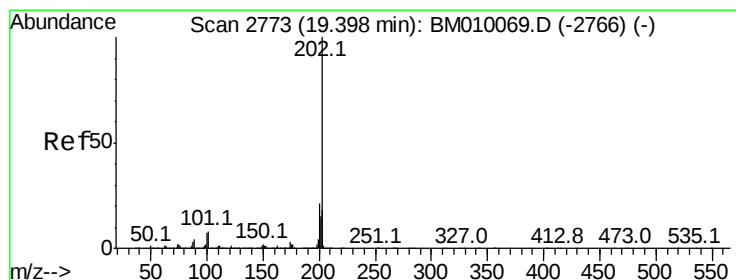
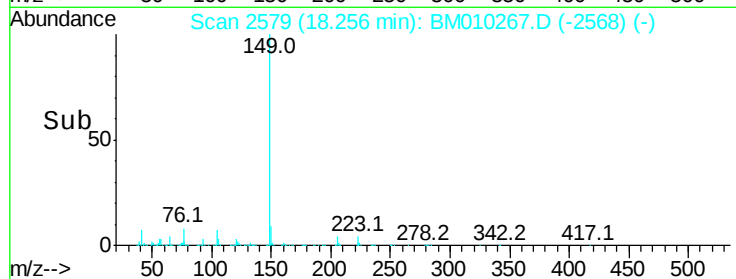
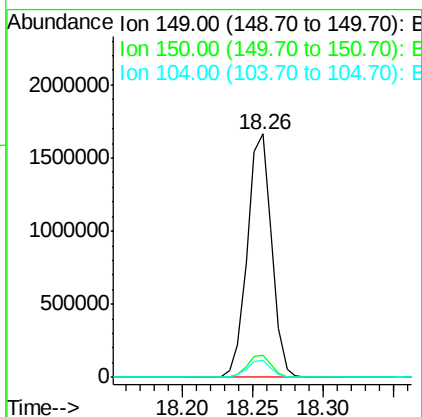
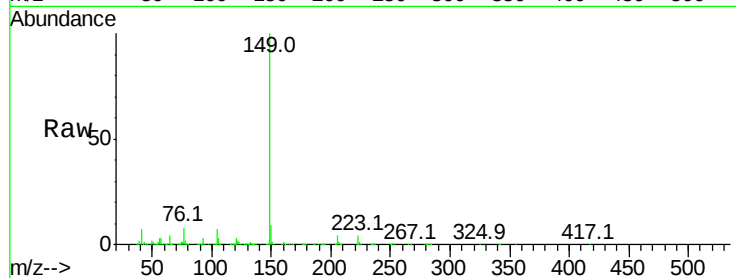
#73
Di-n-butylphthalate
Concen: 42.17 ng
RT: 18.26 min Scan# 2579
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	7.0	3.7	5.5

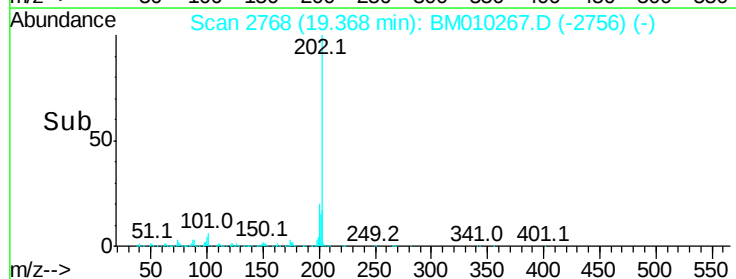
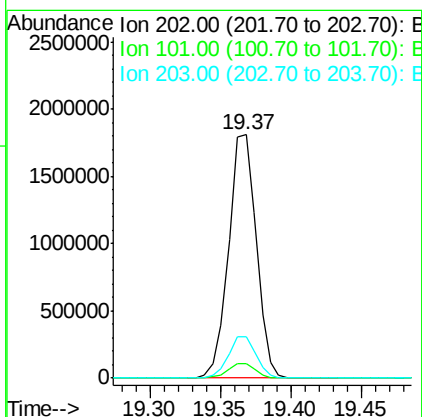
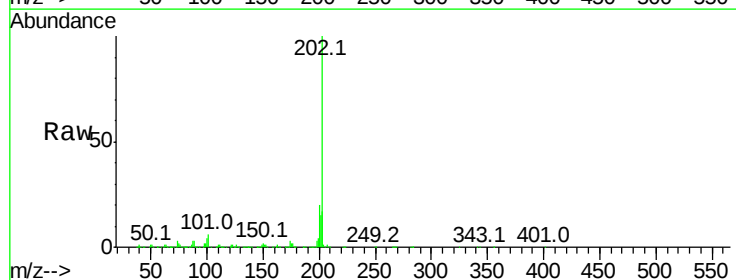
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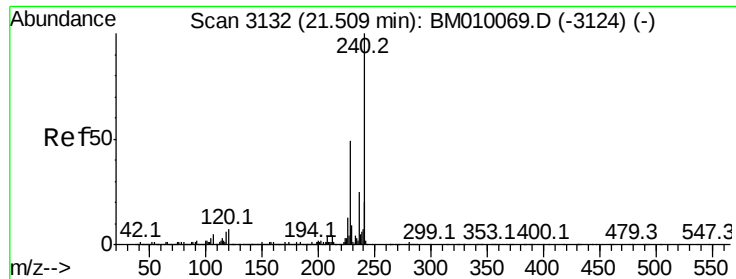
mohammad
5/30/2017 1:10:03 PM



#74
Fluoranthene
Concen: 41.60 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	28.7
203	17.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

ClientSampleID :

SSTDCCC040EC

Tot Ion:240 Resp: 1239582

Ion Ratio Lower Upper

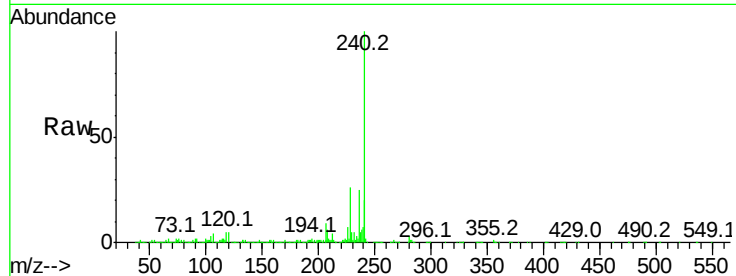
240 100

120 5.4 8.2 12.2#

236 24.5 20.0 30.0

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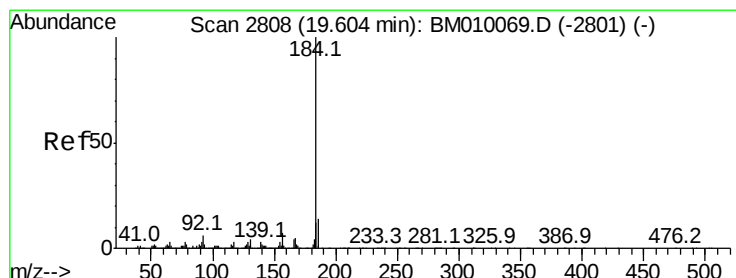
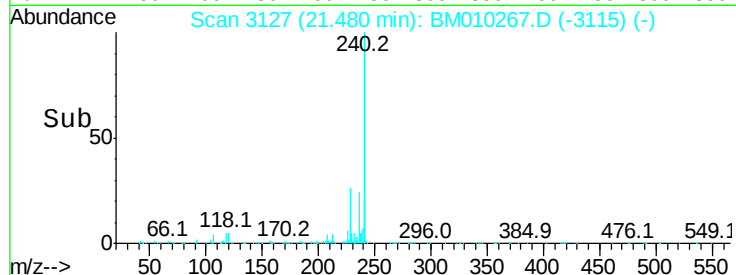
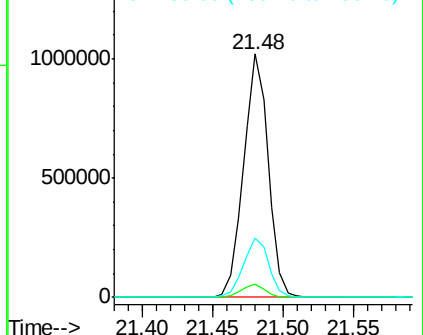
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.67 ng

RT: 19.57 min Scan# 2803

Delta R.T. -0.03 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

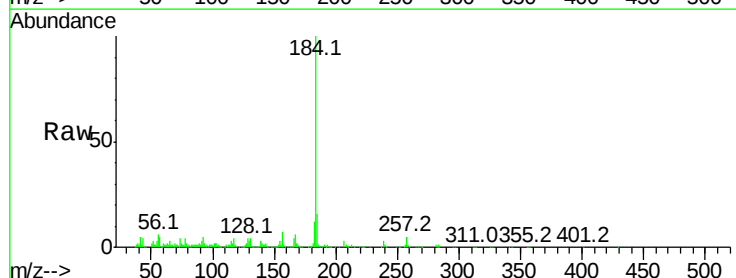
Tgt Ion:184 Resp: 586976

Ion Ratio Lower Upper

184 100

185 16.2 11.3 16.9

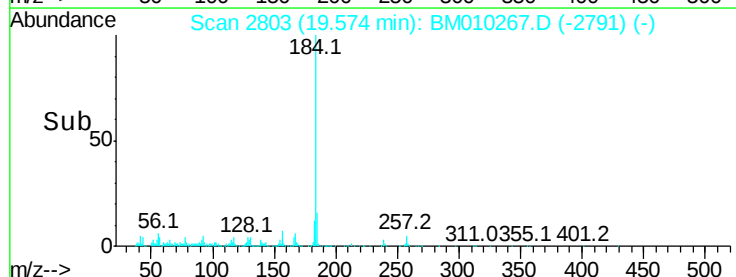
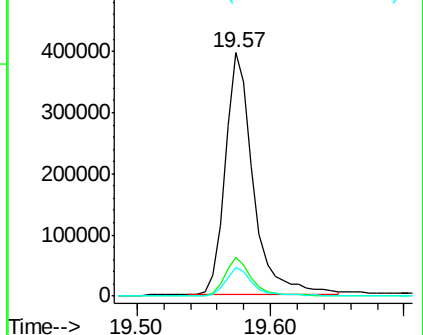
183 11.9 8.9 13.3

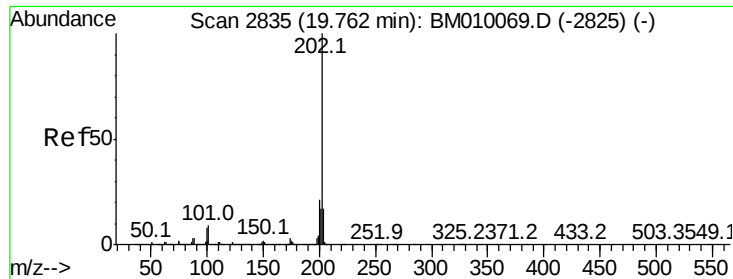


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.64 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

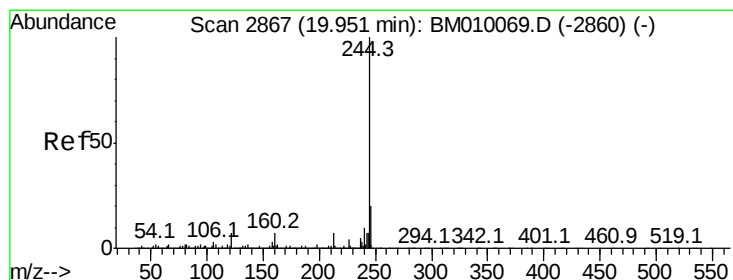
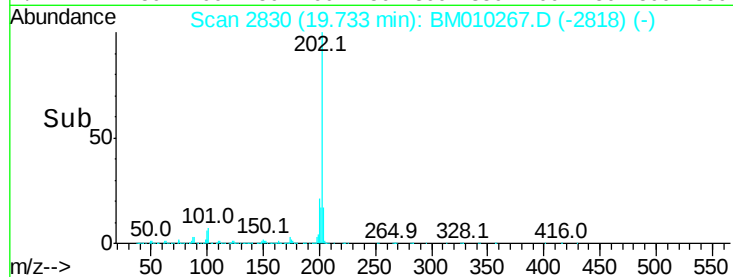
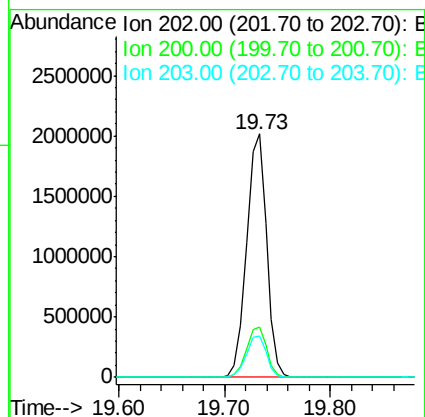
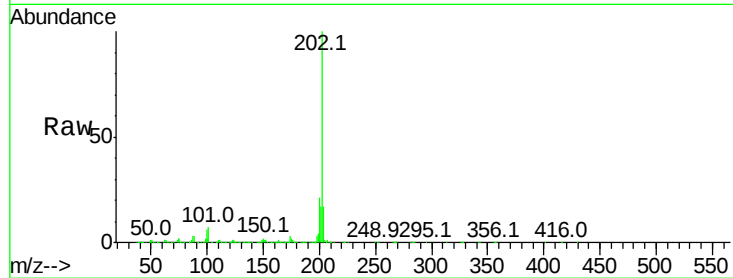
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	2634313
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	16.9	14.1	21.1

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#78

Terphenyl-d14

Concen: 83.91 ng

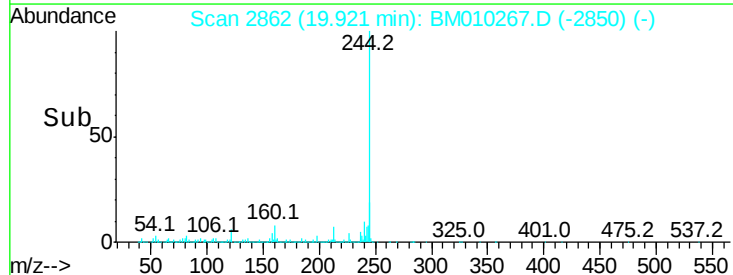
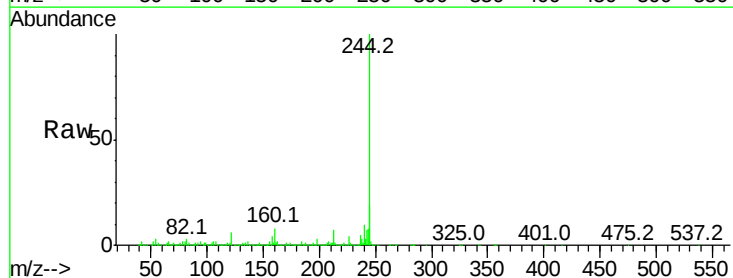
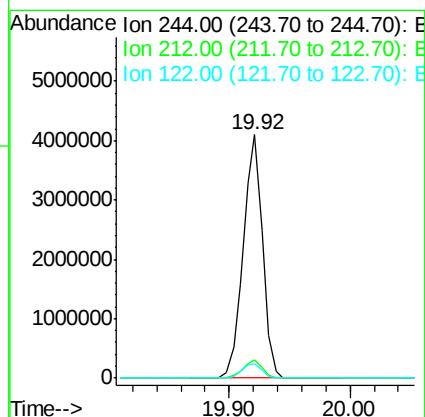
RT: 19.92 min Scan# 2862

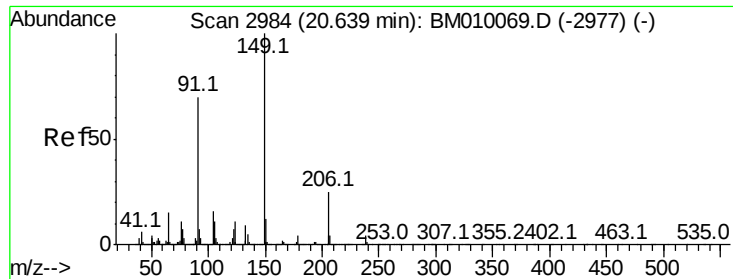
Delta R.T. -0.03 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion:	244	Resp:	4574246
Ion Ratio	Lower	Upper	
244	100		
212	7.3	4.9	7.3
122	5.9	6.2	9.4#





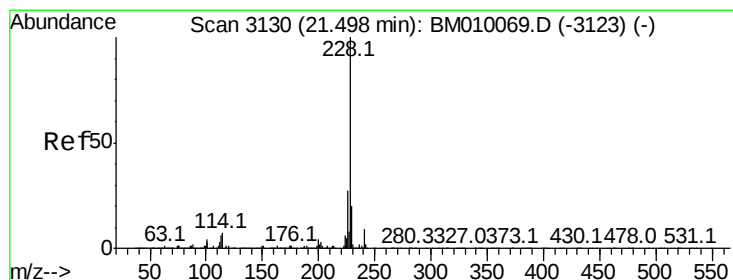
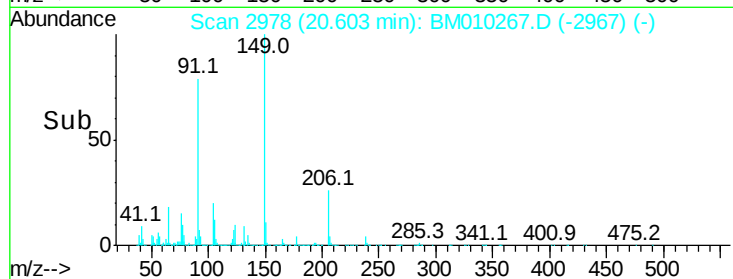
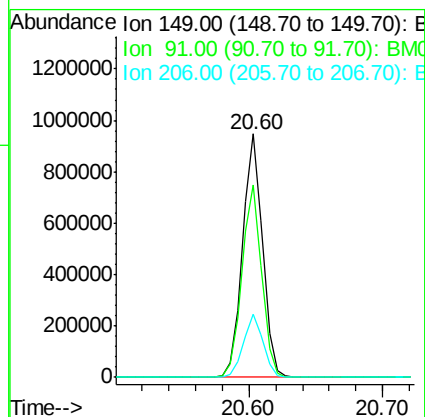
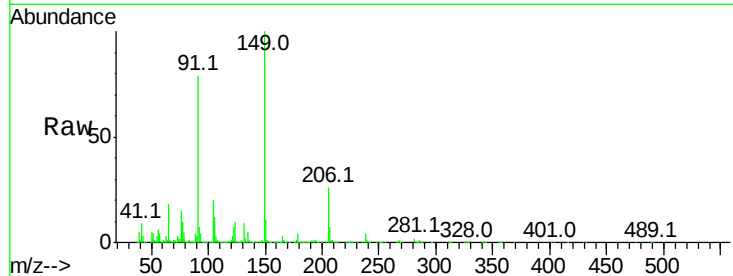
#79
Butylbenzylphthalate
Concen: 39.80 ng
RT: 20.60 min Scan# 2978
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	50.1	75.1#
206	25.7	16.2	24.2#

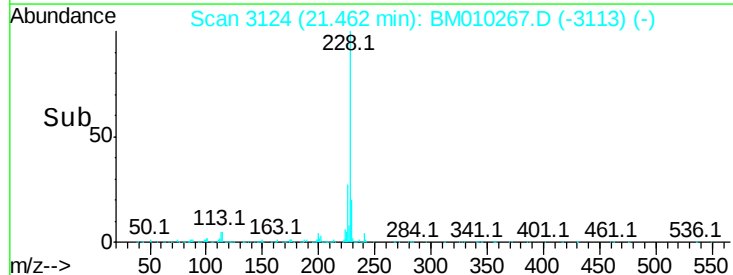
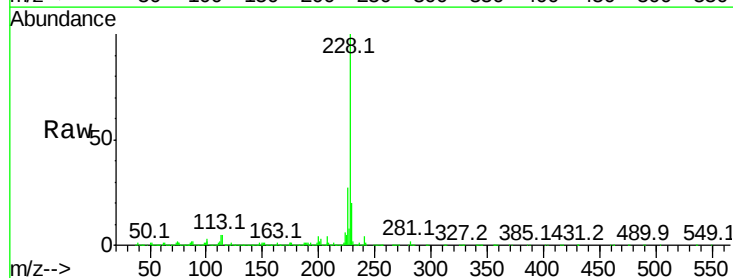
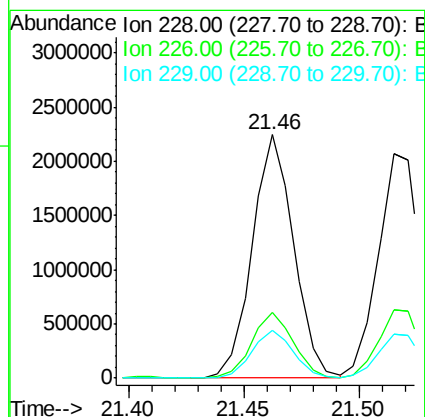
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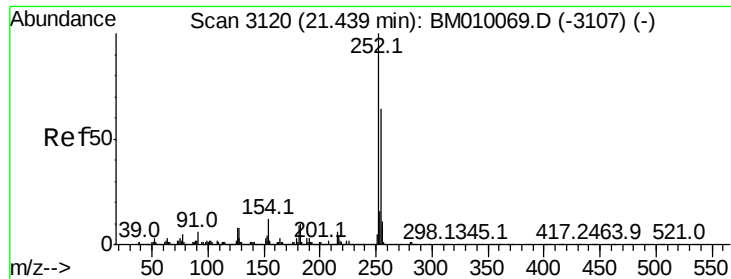
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#80
Benzo(a)anthracene
Concen: 40.98 ng
RT: 21.46 min Scan# 3124
Delta R.T. -0.04 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.8	16.0	24.0





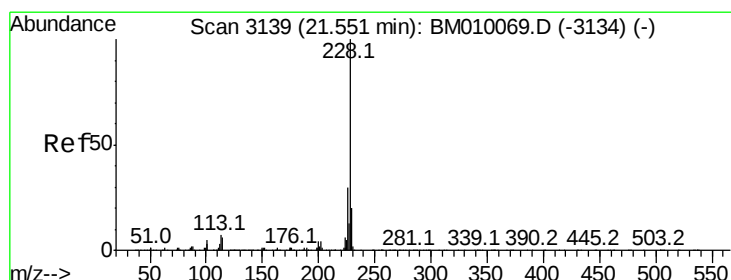
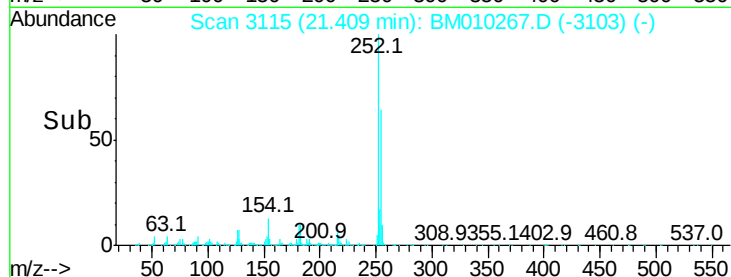
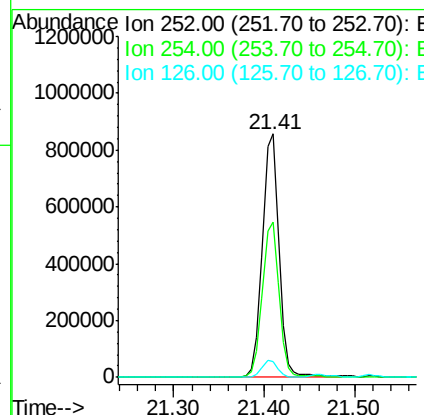
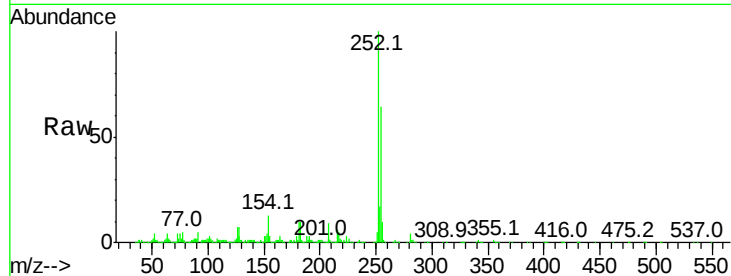
#81
 3,3'-Dichlorobenzidine
 Concen: 39.73 ng
 RT: 21.41 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	6.6	9.8	14.8

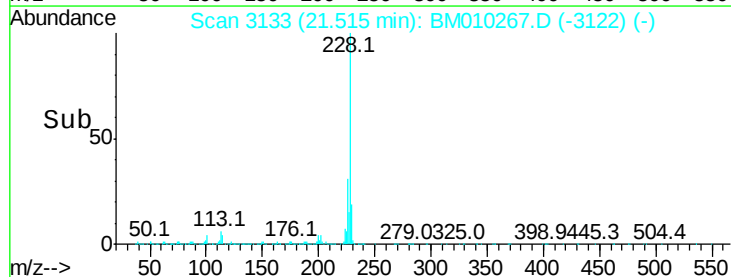
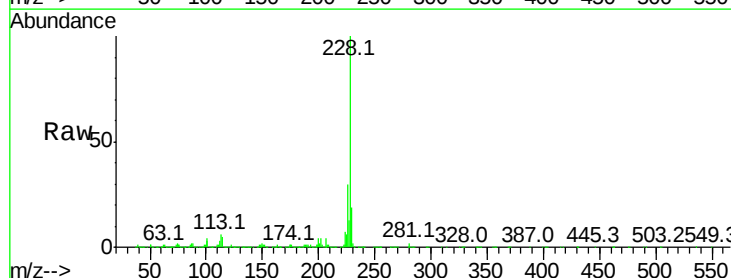
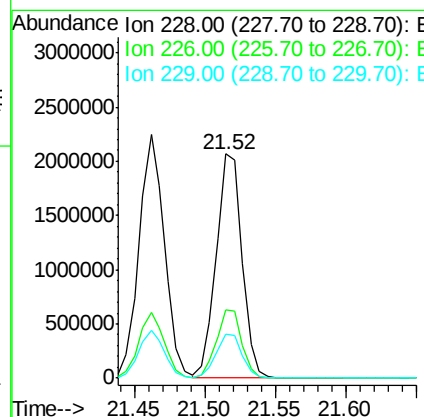
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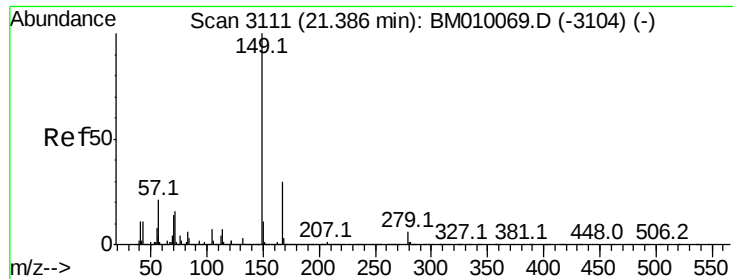
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#82
 Chrysene
 Concen: 40.38 ng
 RT: 21.52 min Scan# 3133
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.5	15.5	23.3





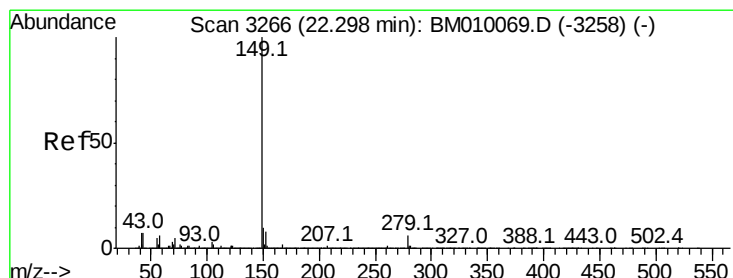
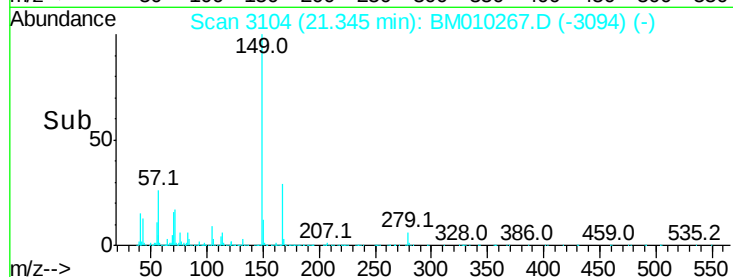
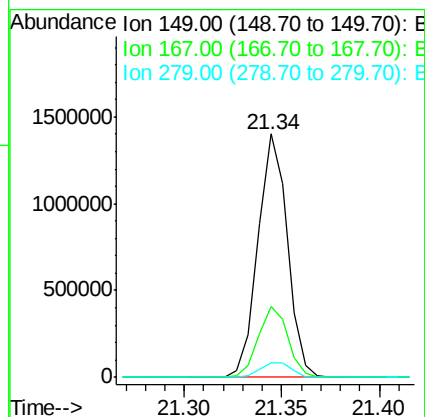
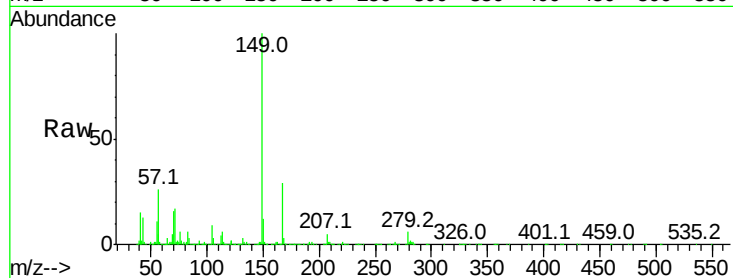
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.55 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 1455162
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.4 33.6
 279 6.0 3.4 5.0#

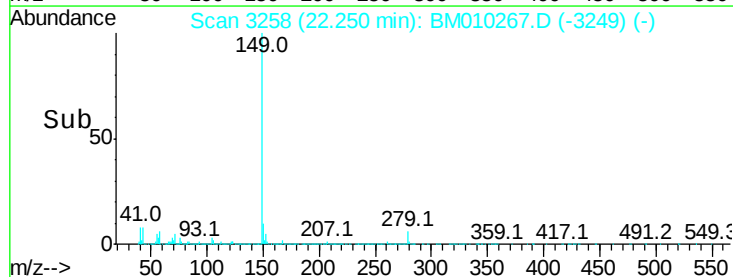
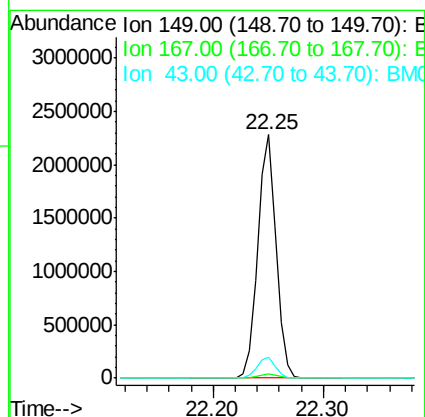
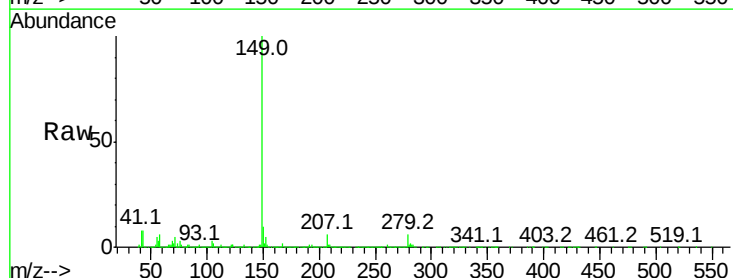
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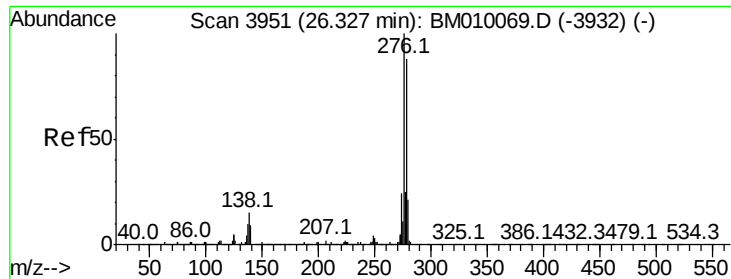
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 40.12 ng
 RT: 22.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Tgt Ion:149 Resp: 2642332
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 8.6 7.3 10.9





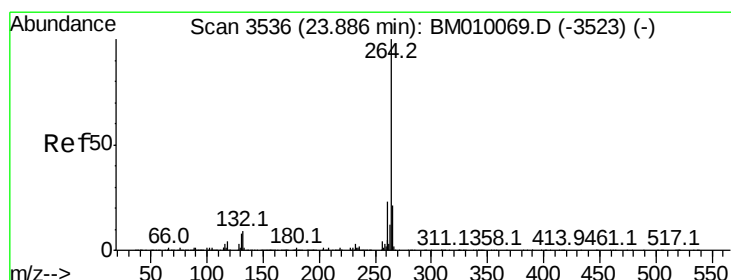
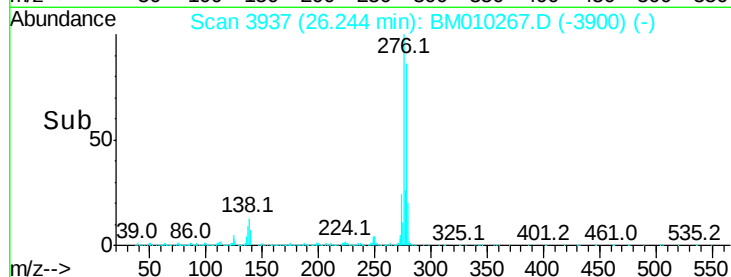
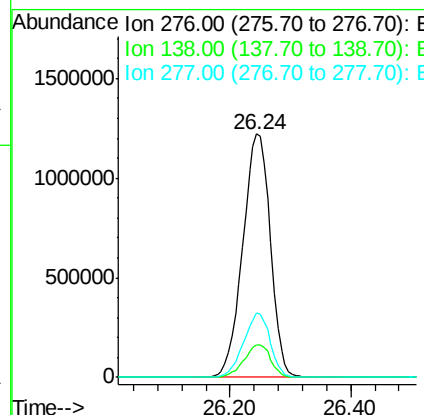
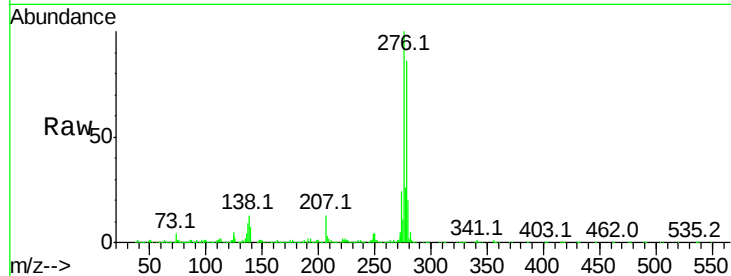
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.81 ng
RT: 26.24 min Scan# 3937
Delta R.T. -0.08 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.9	0.0	0.0#
277	25.4	0.0	0.0#

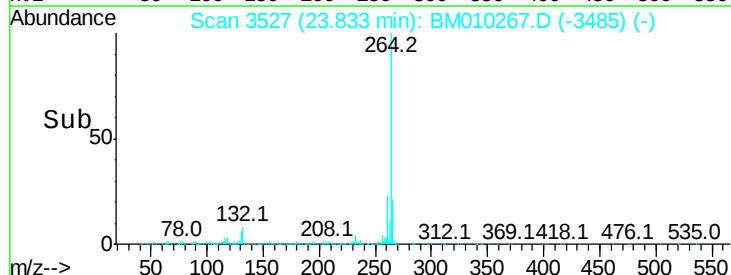
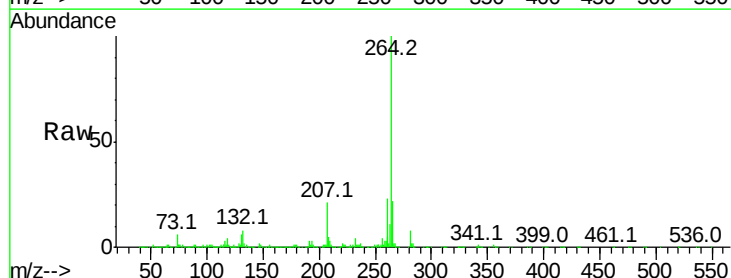
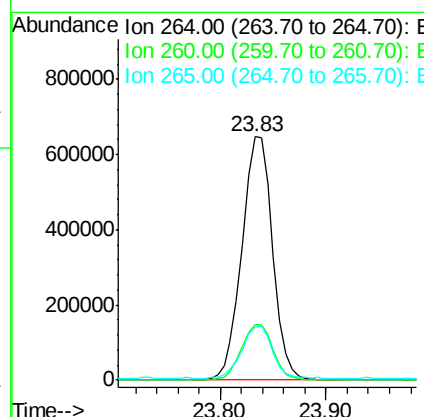
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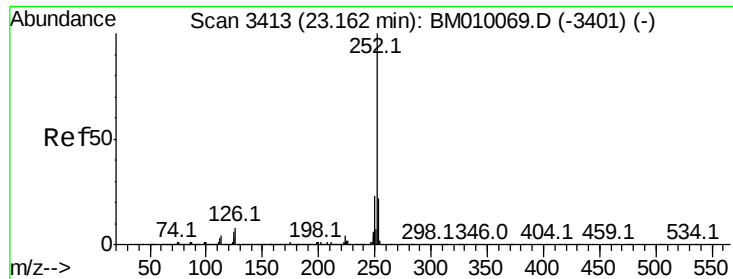
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010267.D
Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.81 ng

RT: 23.11 min Scan# 3405

Delta R.T. -0.05 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

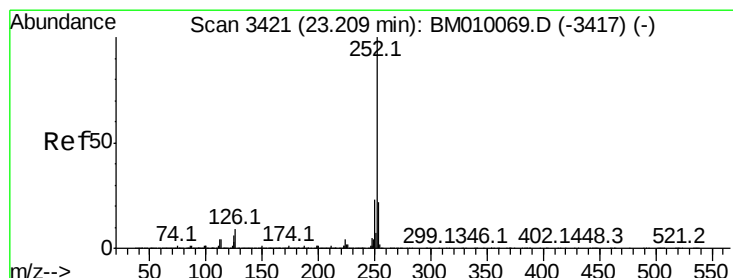
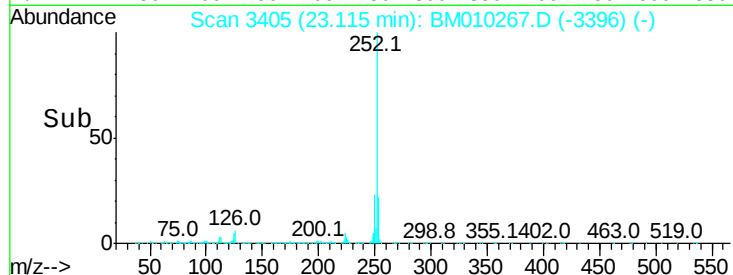
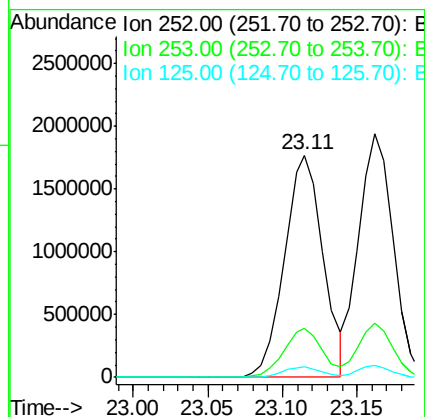
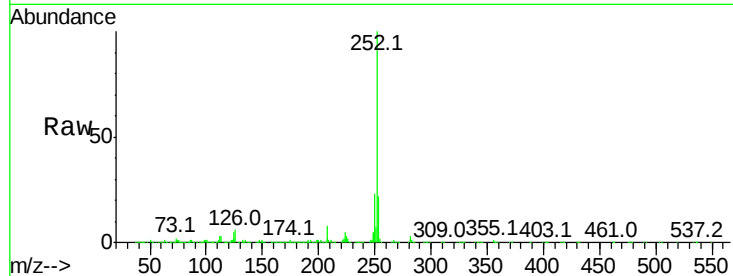
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	4.8	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 41.21 ng

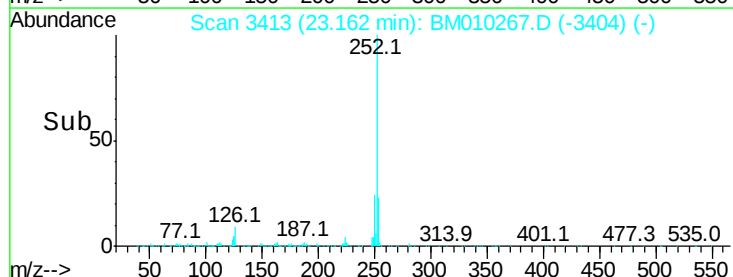
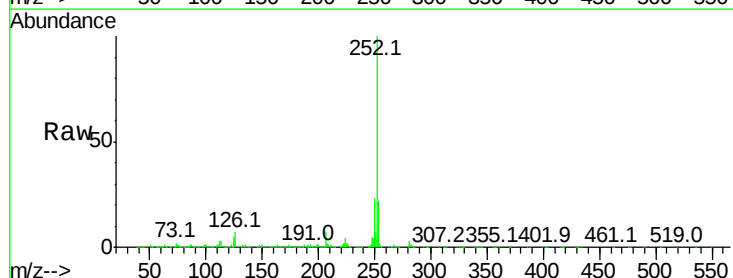
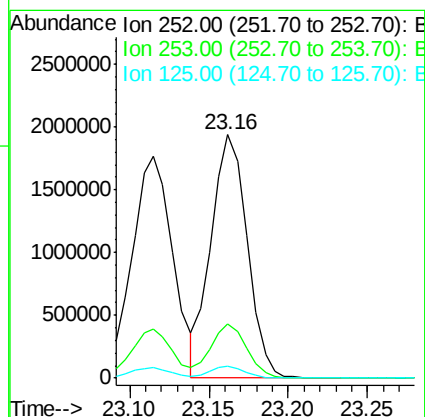
RT: 23.16 min Scan# 3413

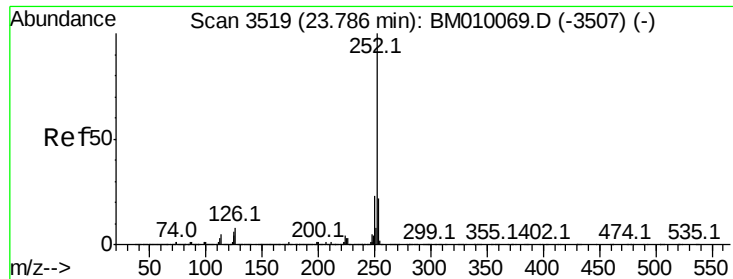
Delta R.T. -0.05 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	4.8	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 41.09 ng

RT: 23.73 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Instrument :

BNA_M

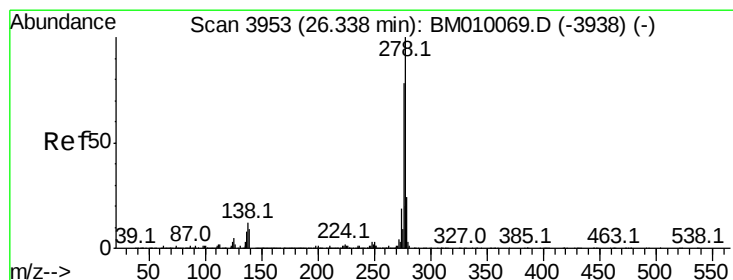
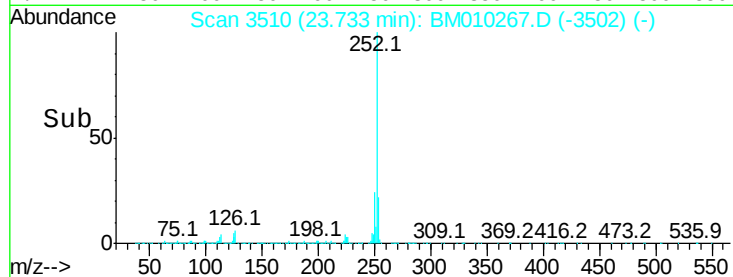
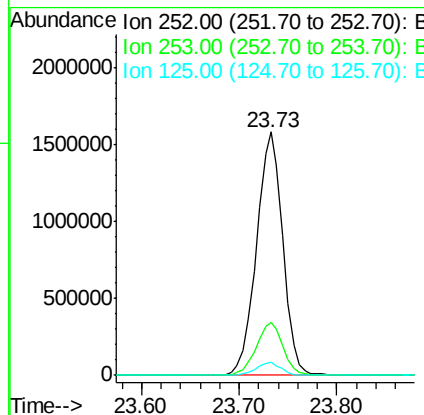
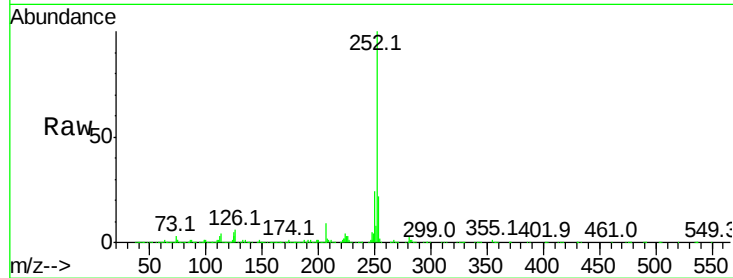
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	5.3	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 41.20 ng

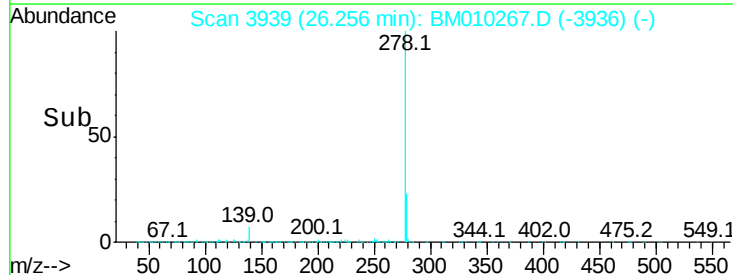
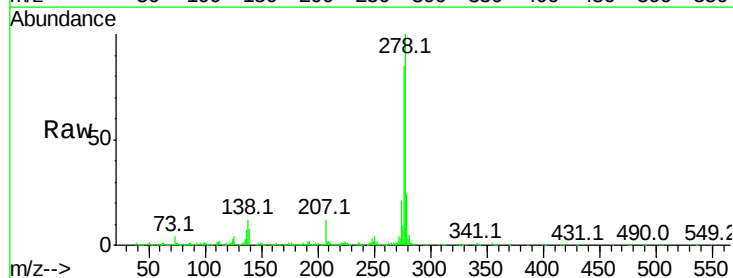
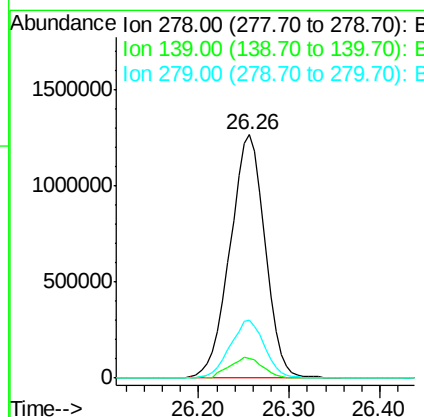
RT: 26.26 min Scan# 3939

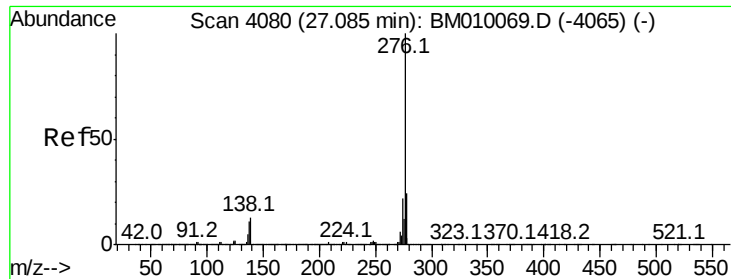
Delta R.T. -0.08 min

Lab File: BM010267.D

Acq: 26 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.2	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.96 ng/ml
 RT: 27.00 min Scan# 4065
 Delta R.T. -0.09 min
 Lab File: BM010267.D
 Acq: 26 May 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	11.2	19.0	28.6

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 5/30/2017 1:10:03 PM

