

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
 Data File : BM009929.D
 Acq On : 06 May 2017 07:18
 Operator : SJ/MA
 Sample : PB98729BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Manual Integrations
 APPROVED

mohammad
 5/8/2017 3:55:34 PM

Quant Time: May 08 03:08:19 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	89900	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	391743	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	245213	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	574792	20.00	ng	-0.01
75) Chrysene-d12	21.38	240	671977	20.00	ng	0.00
86) Perylene-d12	23.68	264	549671	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	542443	96.06	ng	0.00
7) Phenol-d6	6.96	99	790519	91.33	ng	0.00
23) Nitrobenzene-d5	8.95	82	916476	84.66	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	274747	82.04	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1623873	86.28	ng	0.00
78) Terphenyl-d14	19.81	244	2686178	82.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	68283	31.49	ng	# 100
3) Pyridine	3.69	79	240135	32.20	ng	# 75
4) n-Nitrosodimethylamine	3.61	42	186132	38.26	ng	# 51
6) Aniline	7.12	93	240151	20.98	ng	# 88
8) 2-Chlorophenol	7.35	128	274265	43.63	ng	# 76
9) Benzaldehyde	6.93	77	50412	7.33	ng	# 79
10) Phenol	6.99	94	421528	44.48	ng	# 96
11) bis(2-Chloroethyl)ether	7.21	93	284453	37.71	ng	# 77
12) 1,3-Dichlorobenzene	7.66	146	265686	38.14	ng	# 86
13) 1,4-Dichlorobenzene	7.81	146	267065	37.19	ng	# 94
14) 1,2-Dichlorobenzene	8.13	146	262760	38.07	ng	# 88
15) Benzyl Alcohol	8.03	79	353843	44.14	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.31	45	524433	37.62	ng	# 95
17) 2-Methylphenol	8.23	107	266767	41.80	ng	# 79
18) Hexachloroethane	8.84	117	122670	38.55	ng	# 93
19) n-Nitroso-di-n-propylamine	8.59	70	312821	38.12	ng	# 85
20) 3+4-Methylphenols	8.56	107	367650	41.93	ng	# 85
22) Acetophenone	8.61	105	467638	38.16	ng	# 83
24) Nitrobenzene	8.99	77	452105	40.24	ng	# 87
25) Isophorone	9.51	82	760169	39.81	ng	# 87
26) 2-Nitrophenol	9.70	139	148248	40.79	ng	# 38
27) 2,4-Dimethylphenol	9.76	122	275245	42.09	ng	# 79
28) bis(2-Chloroethoxy)methane	9.99	93	428282	38.54	ng	# 96
29) 2,4-Dichlorophenol	10.24	162	275167	43.89	ng	# 92
30) 1,2,4-Trichlorobenzene	10.44	180	280836	38.33	ng	# 98
31) Naphthalene	10.62	128	806813	37.46	ng	# 100
32) Benzoic acid	9.95	122	172661	40.21	ng	# 70
33) 4-Chloroaniline	10.76	127	86551	9.53	ng	# 71
34) Hexachlorobutadiene	10.89	225	184975	36.28	ng	# 96
35) Caprolactam	11.57	113	96694m	40.44	ng	#
36) 4-Chloro-3-methylphenol	11.89	107	343833	40.39	ng	# 82
37) 2-Methylnaphthalene	12.24	142	615130	40.43	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	340921	38.65	ng	# 100
40) Hexachlorocyclopentadiene	12.57	237	237041	81.47	ng	# 99

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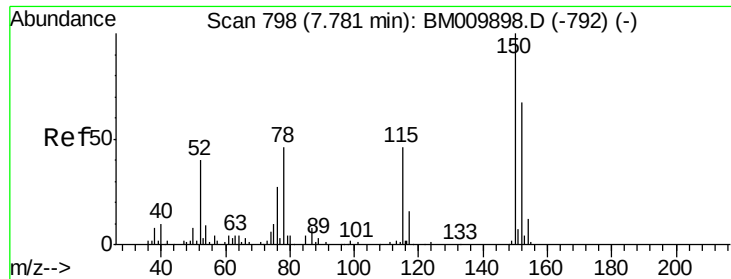
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	234927	41.21	ng	97
43) 2,4,5-Trichlorophenol	12.95	196	236591	38.58	ng #	86
45) 1,1'-Biphenyl	13.26	154	811872	38.89	ng	95
46) 2-Chloronaphthalene	13.30	162	644495	39.06	ng	94
47) 2-Nitroaniline	13.53	65	314090	39.41	ng #	63
48) Acenaphthylene	14.16	152	1052902	40.65	ng	98
49) Dimethylphthalate	13.89	163	866116	37.08	ng	99
50) 2,6-Dinitrotoluene	14.03	165	188074	41.28	ng #	50
51) Acenaphthene	14.50	154	631674	39.52	ng	96
52) 3-Nitroaniline	14.36	138	90986	18.46	ng #	50
53) 2,4-Dinitrophenol	14.59	184	191759	73.46	ng #	79
54) Dibenzofuran	14.83	168	1050040	42.96	ng #	91
55) 4-Nitrophenol	14.70	139	230961	69.74	ng #	1
56) 2,4-Dinitrotoluene	14.83	165	271523	41.01	ng #	57
57) Fluorene	15.49	166	863243	40.02	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	201927	42.99	ng #	100
59) Diethylphthalate	15.26	149	947178	37.96	ng	97
60) 4-Chlorophenyl-phenylether	15.47	204	458116	40.03	ng	98
61) 4-Nitroaniline	15.54	138	183746	37.22	ng #	13
62) Azobenzene	15.77	77	1273045	45.79	ng	78
64) 4,6-Dinitro-2-methylphenol	15.60	198	139531	37.48	ng #	81
65) n-Nitrosodiphenylamine	15.70	169	748505	41.09	ng	99
66) 4-Bromophenyl-phenylether	16.37	248	274706	40.86	ng #	88
67) Hexachlorobenzene	16.49	284	294535	38.46	ng #	85
68) Atrazine	16.66	200	281172	40.30	ng	98
69) Pentachlorophenol	16.84	266	207744	62.06	ng	99
70) Phenanthrene	17.23	178	1355063	40.72	ng	98
71) Anthracene	17.32	178	1390299	41.43	ng	99
72) Carbazole	17.60	167	1252196	41.17	ng	99
73) Di-n-butylphthalate	18.14	149	1661310	38.02	ng #	96
74) Fluoranthene	19.25	202	1646030	39.19	ng	98
76) Benzidine	19.44	184	586359	28.93	ng	99
77) Pyrene	19.62	202	1685854	42.00	ng	99
79) Butylbenzylphthalate	20.50	149	764669	39.50	ng #	69
80) Benzo(a)anthracene	21.36	228	1664849	41.13	ng	99
81) 3,3'-Dichlorobenzidine	21.30	252	373061	23.19	ng #	95
82) Chrysene	21.41	228	1493746	39.26	ng	98
83) Bis(2-ethylhexyl)phthalate	21.26	149	1124647	37.78	ng	95
84) Di-n-octyl phthalate	22.16	149	1869908	36.17	ng #	81
85) Indeno(1,2,3-cd)pyrene	26.03	276	1448581	33.76	ng #	100
87) Benzo(b)fluoranthene	22.99	252	1540405	43.98	ng #	94
88) Benzo(k)fluoranthene	23.03	252	1405216	41.26	ng	99
89) Benzo(a)pyrene	23.59	252	1381875	42.05	ng	98
90) Dibenzo(a,h)anthracene	26.04	278	1248448	37.86	ng #	94
91) Benzo(g,h,i)perylene	26.75	276	1149044	37.15	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM009929.D

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Instrument :

BNA_M

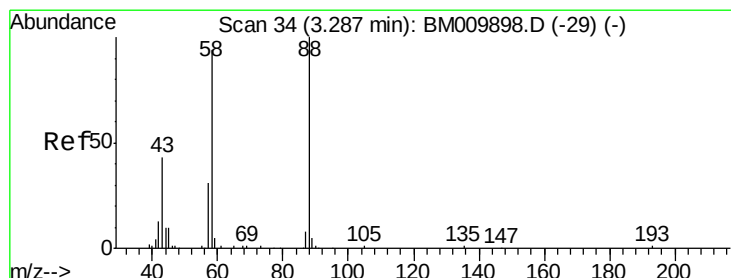
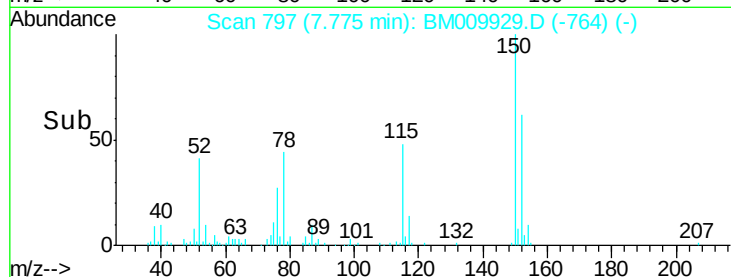
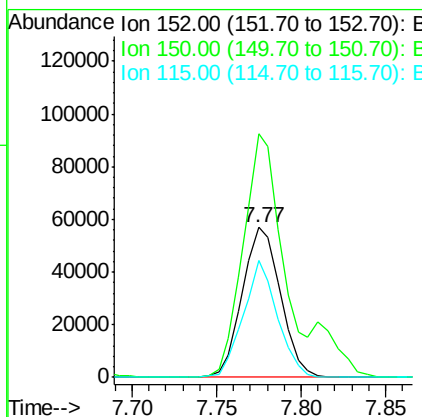
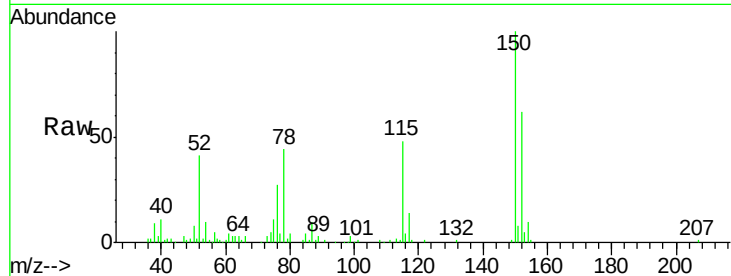
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	119.5	179.3
115	77.9	43.0	64.4

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#2

1,4-Dioxane

Concen: 31.49 ng

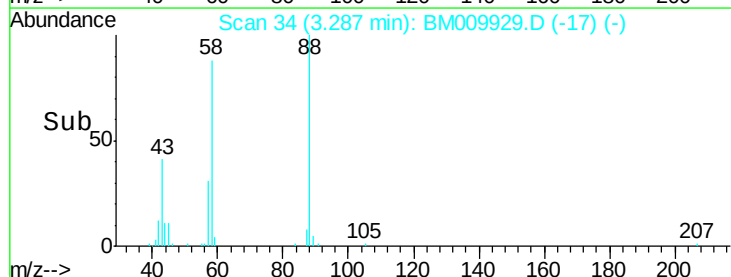
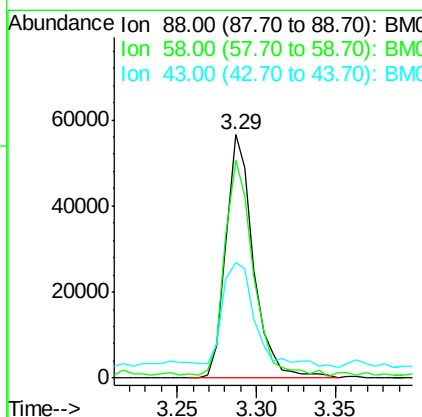
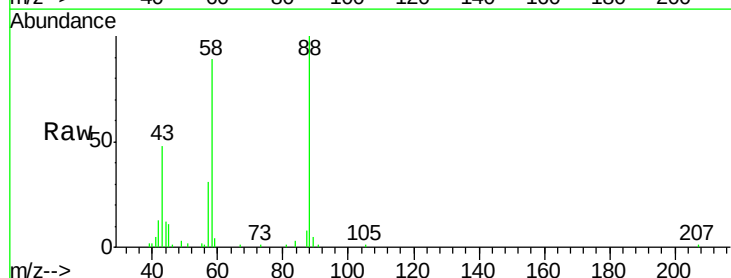
RT: 3.29 min Scan# 34

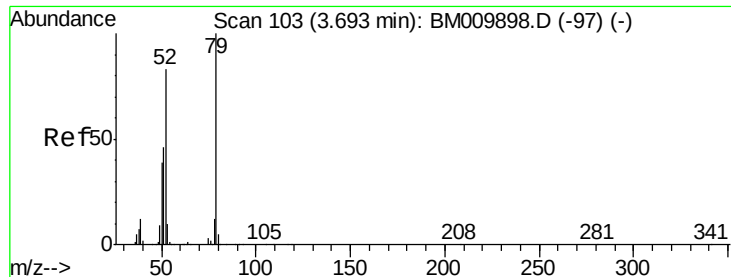
Delta R.T. -0.00 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.8	0.0	0.0
43	50.9	0.0	0.0





#3

Pyridine

Concen: 32.20 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

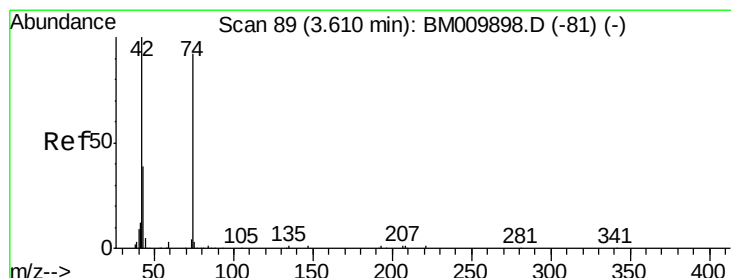
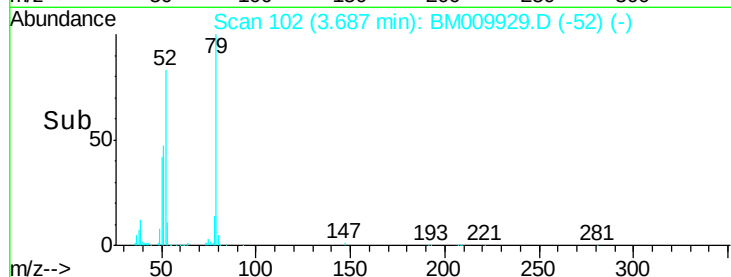
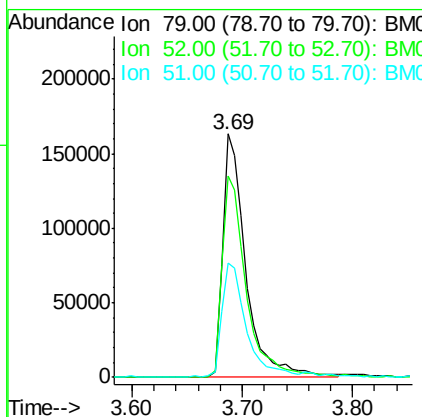
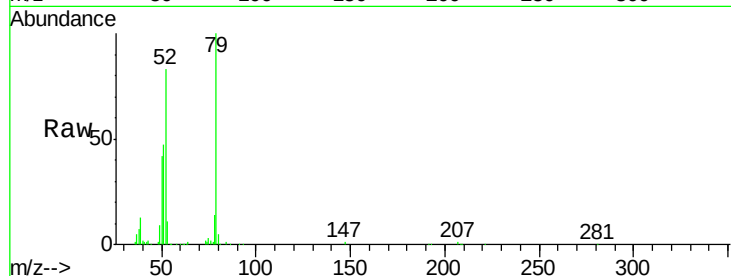
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Tgt Ion:	79	Resp:	240135
Ion Ratio	Lower	Upper	
79	100		
52	82.8	51.1	76.7#
51	47.2	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 38.26 ng

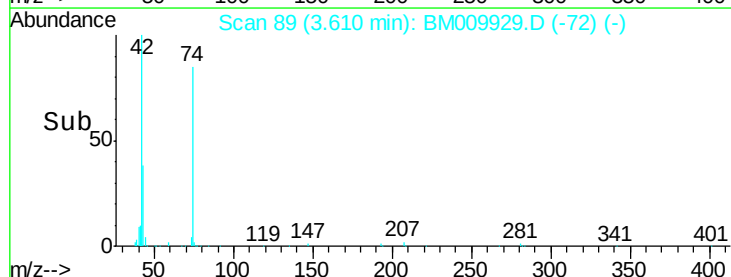
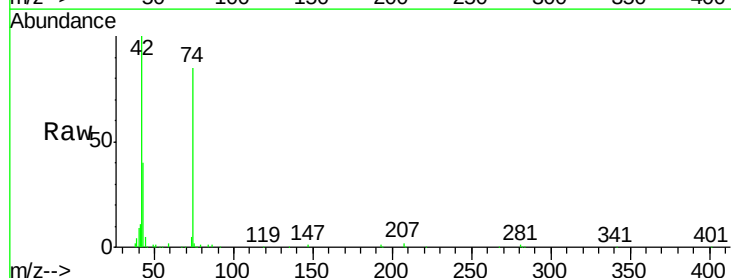
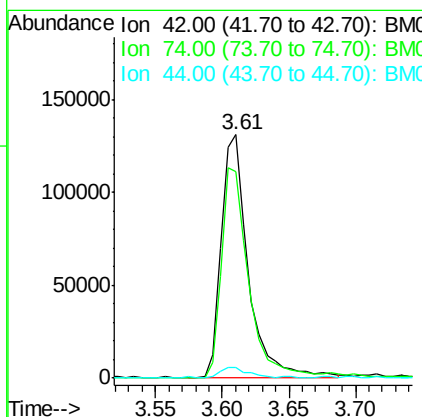
RT: 3.61 min Scan# 89

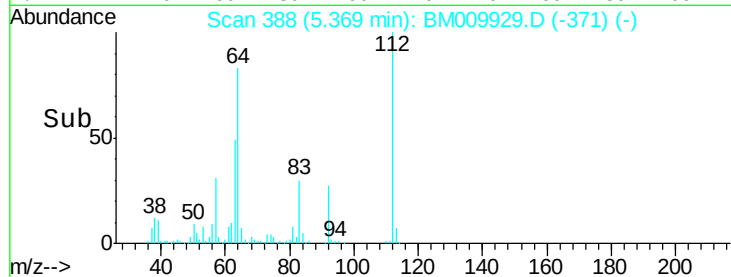
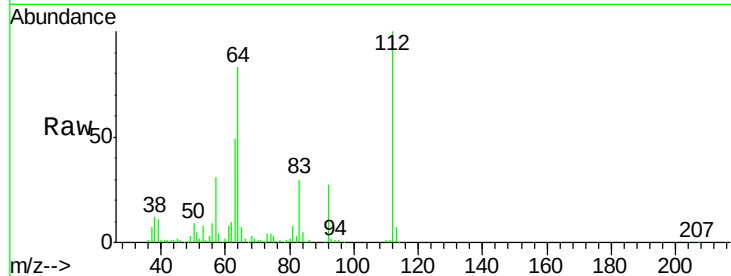
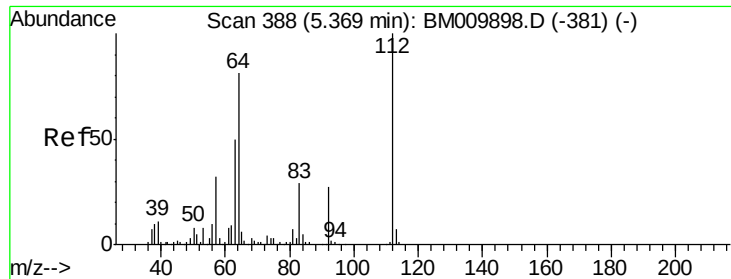
Delta R.T. -0.00 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:	42	Resp:	186132
Ion Ratio	Lower	Upper	
42	100		
74	84.7	119.3	178.9#
44	4.6	5.4	8.2#





#5

2-Fluorophenol

Concen: 96.06 ng

RT: 5.37 min Scan# 388

Delta R.T. -0.00 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

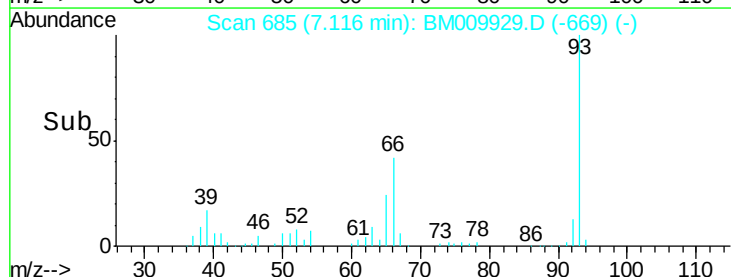
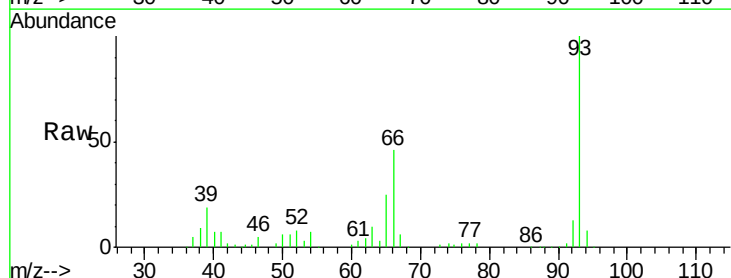
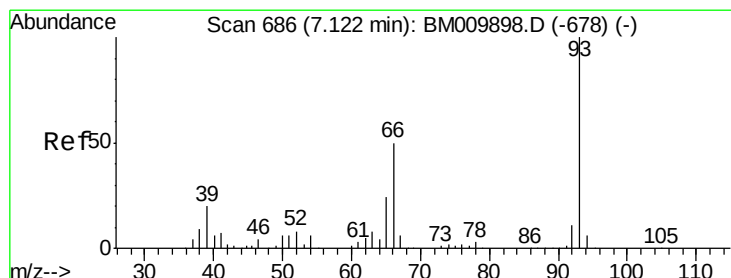
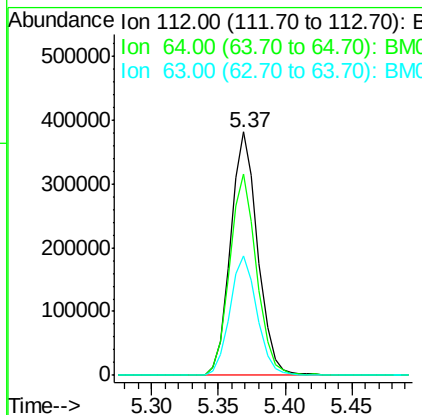
ClientSampleId :

PB98729BSD

Tgt Ion:	112	Resp:	542443
Ion Ratio	Lower	Upper	
112	100		
64	82.9	38.6	57.8#
63	49.3	19.3	28.9#

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#6

Aniline

Concen: 20.98 ng

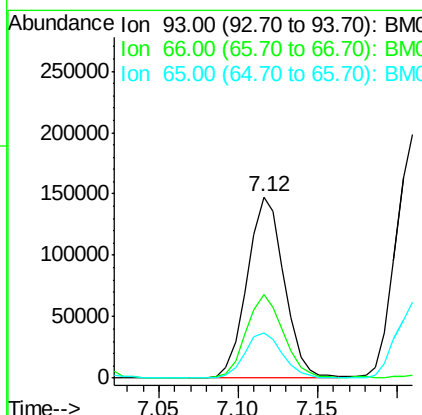
RT: 7.12 min Scan# 685

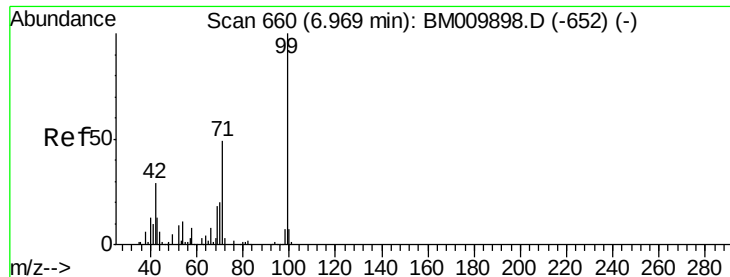
Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:	93	Resp:	240151
Ion Ratio	Lower	Upper	
93	100		
66	46.1	30.8	46.2
65	25.1	16.0	24.0#





#7

Phenol-d6

Concen: 91.33 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

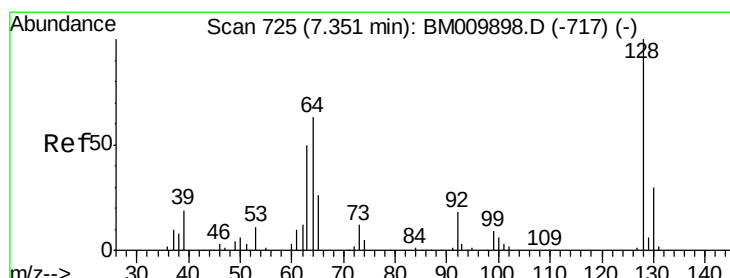
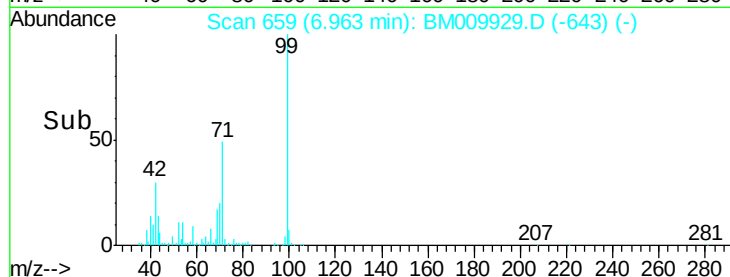
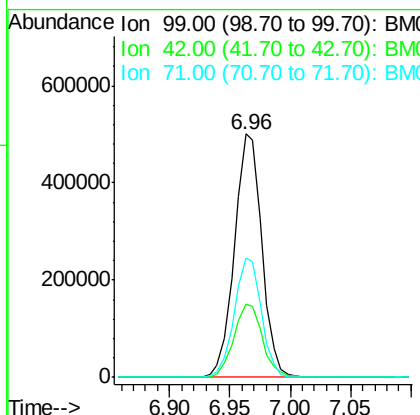
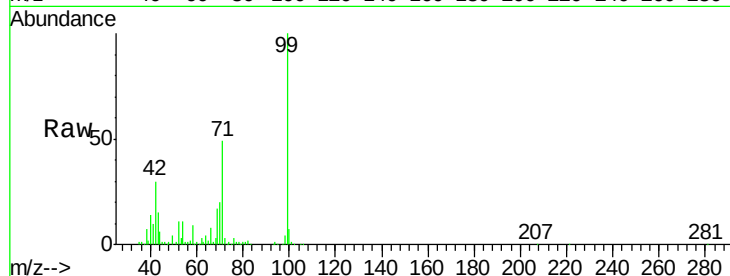
ClientSampleId :

PB98729BSD

Tgt Ion:	99	Resp:	790519
Ion Ratio	Lower	Upper	
99	100		
42	30.3	11.0	16.4#
71	49.1	23.4	35.2#

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#8

2-Chlorophenol

Concen: 43.63 ng

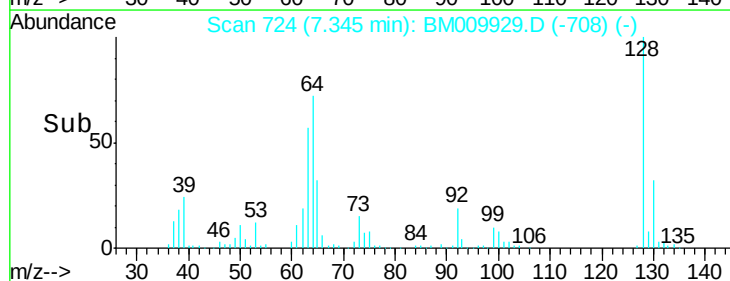
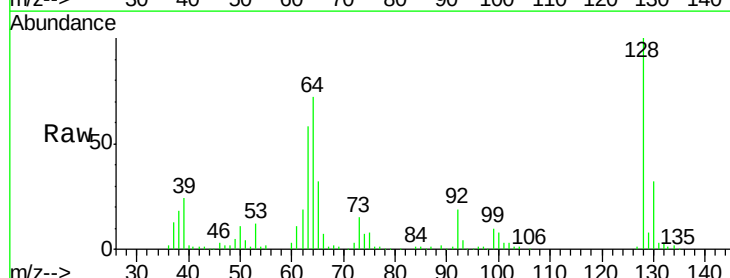
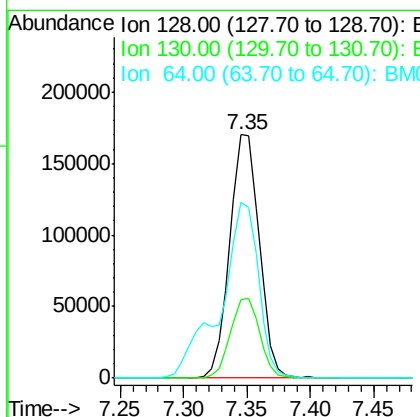
RT: 7.35 min Scan# 724

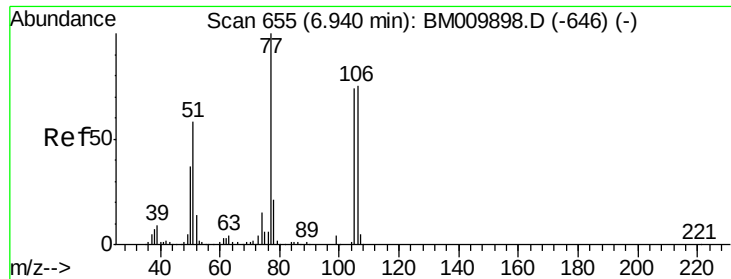
Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:	128	Resp:	274265
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	72.2	24.9	64.9#





#9

Benzaldehyde

Concen: 7.33 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

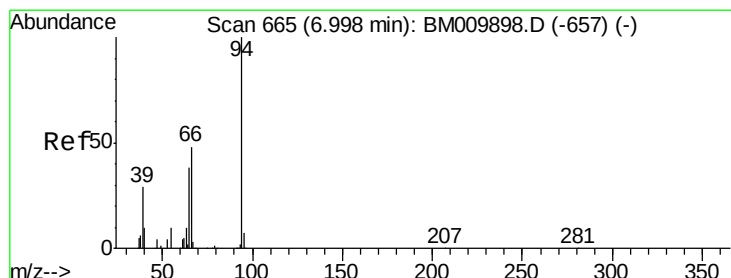
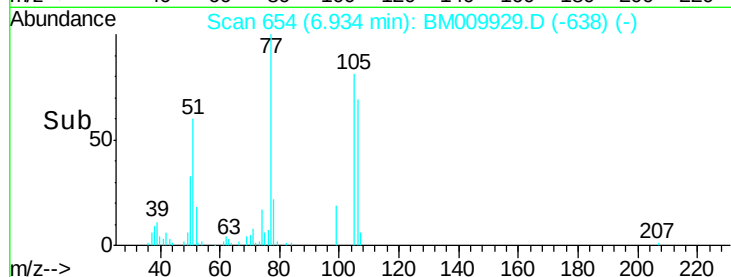
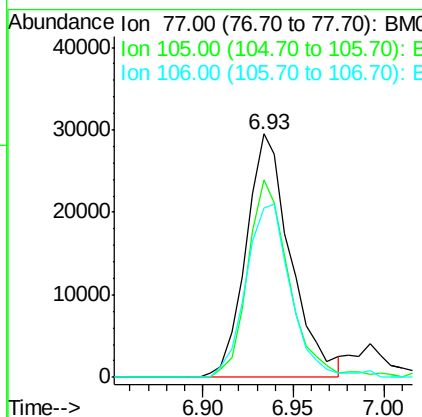
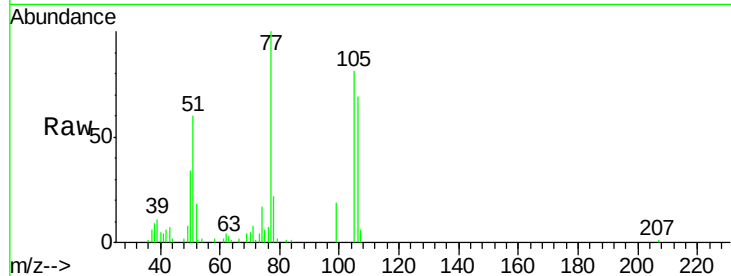
ClientSampleId :

PB98729BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	81.0	78.8	118.8
106	69.4	73.7	113.7

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#10

Phenol

Concen: 44.48 ng

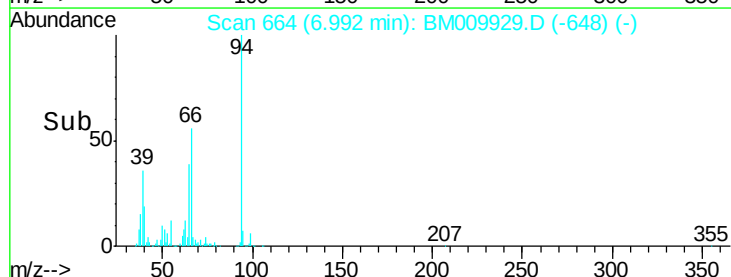
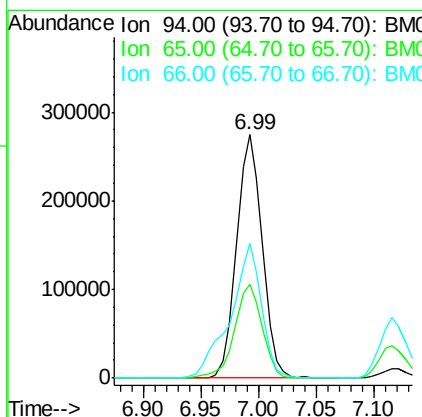
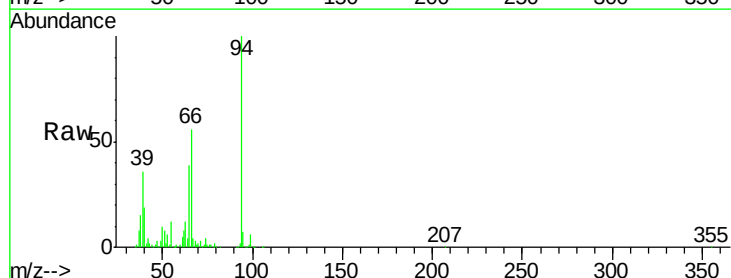
RT: 6.99 min Scan# 664

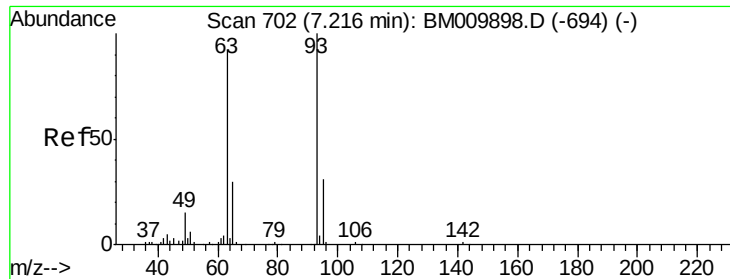
Delta R.T. -0.01 min

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.6	18.8	58.8
66	55.6	39.9	79.9





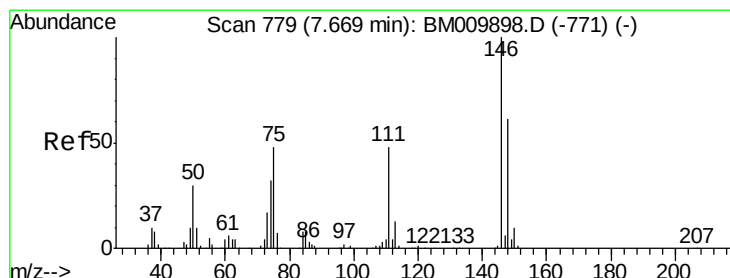
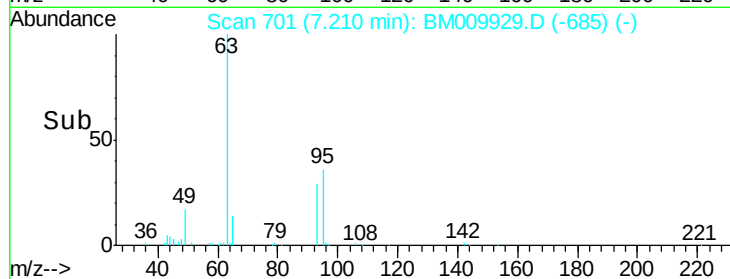
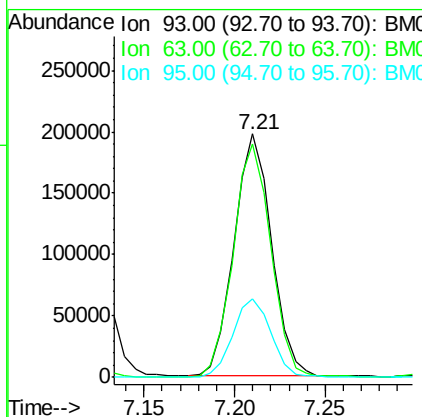
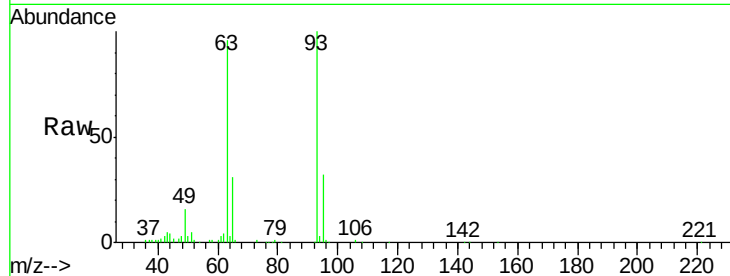
#11
bis(2-Chloroethyl)ether
Concen: 37.71 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	284453		
63	96.0	49.5	89.5#	
95	32.4	13.5	53.5	

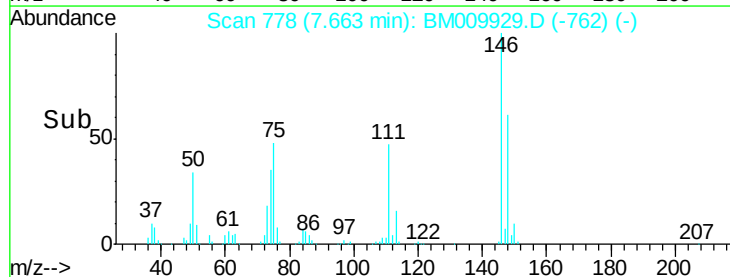
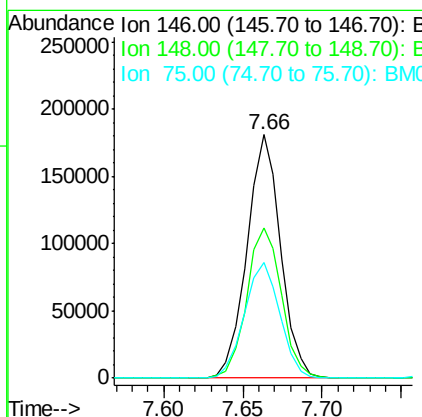
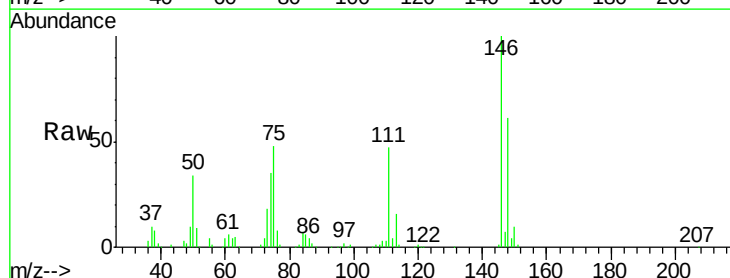
Manual Integrations
APPROVED

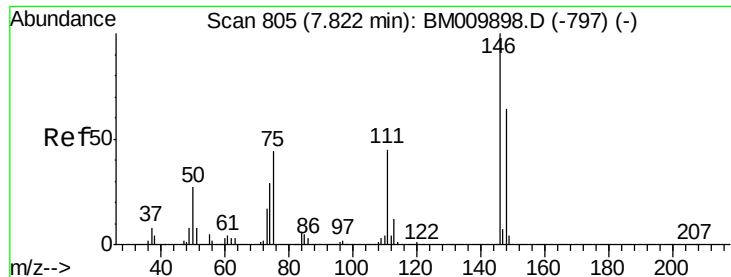
mohammad
5/8/2017 3:55:34 PM



#12
1,3-Dichlorobenzene
Concen: 38.14 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	265686		
148	61.5	50.9	76.3	
75	47.6	21.4	32.2#	





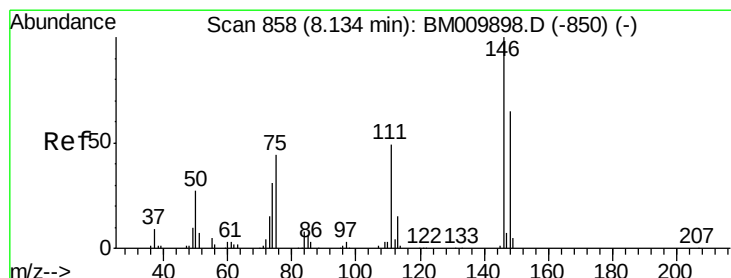
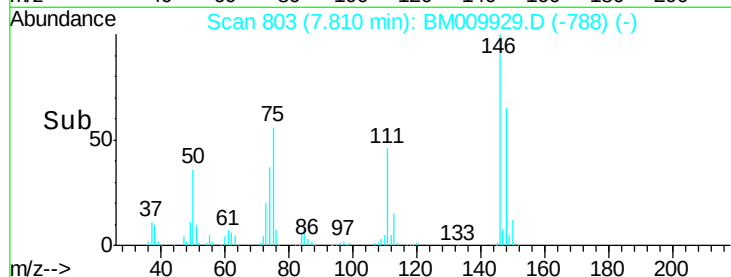
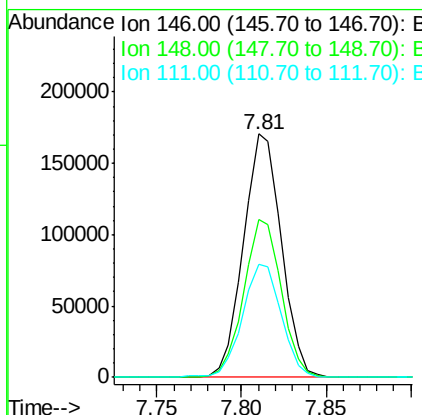
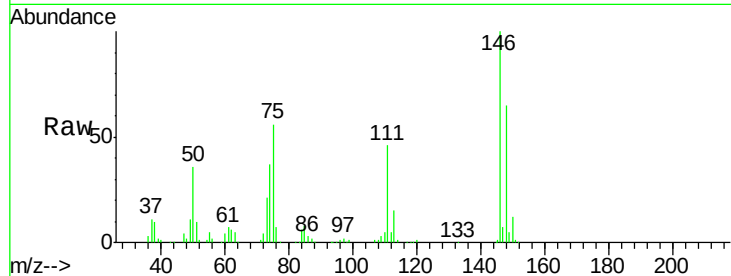
#13
 1,4-Dichlorobenzene
 Concen: 37.19 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267065		
148	64.8	51.9	77.9	
111	46.4	29.2	43.8	

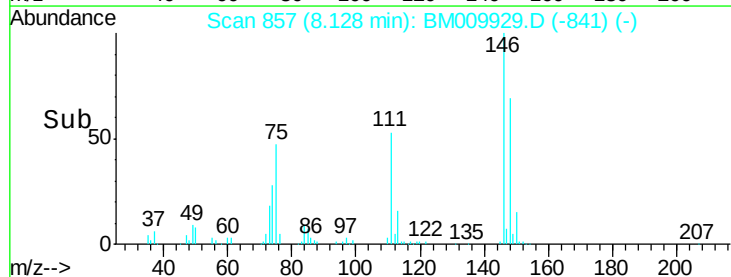
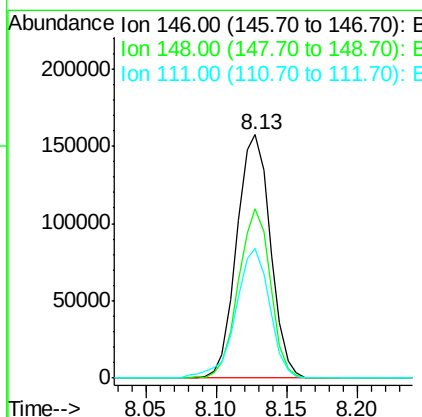
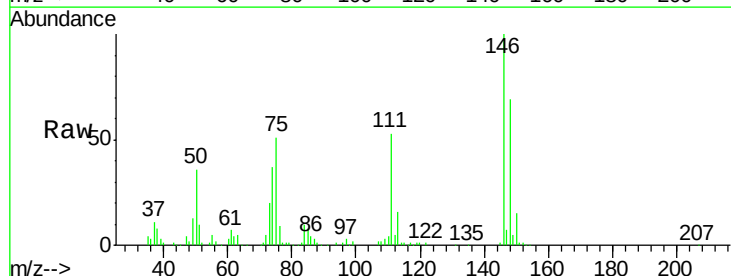
Manual Integrations
 APPROVED

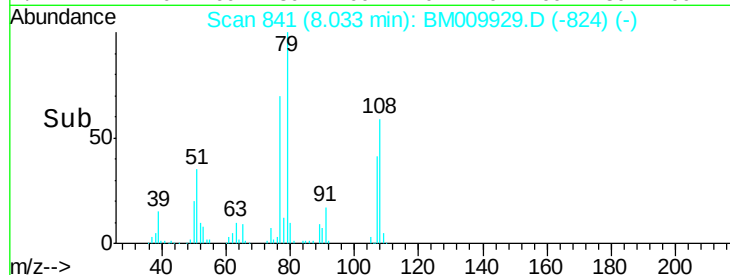
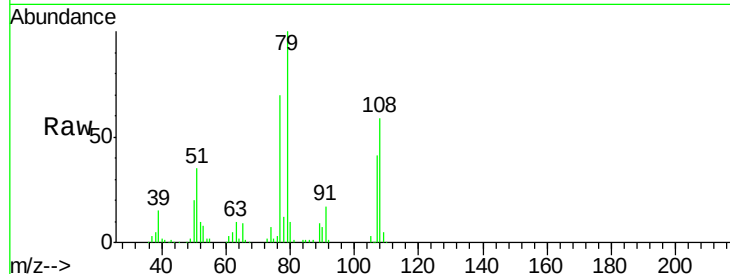
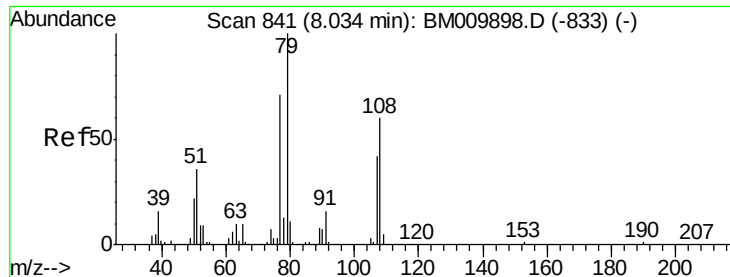
mohammad
 5/8/2017 3:55:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.07 ng
 RT: 8.13 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262760		
148	69.4	52.3	78.5	
111	53.4	30.6	45.8	





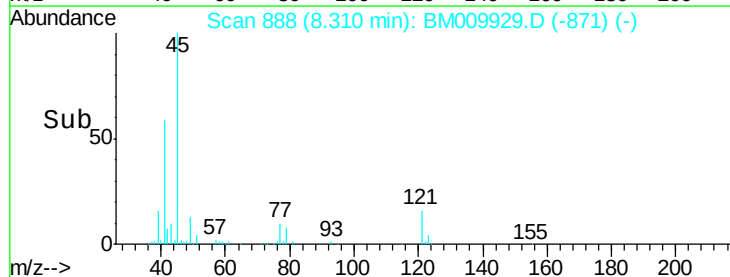
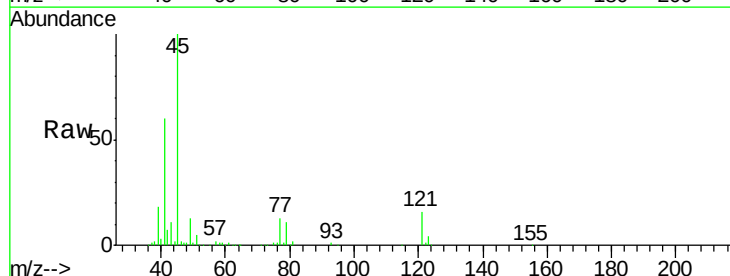
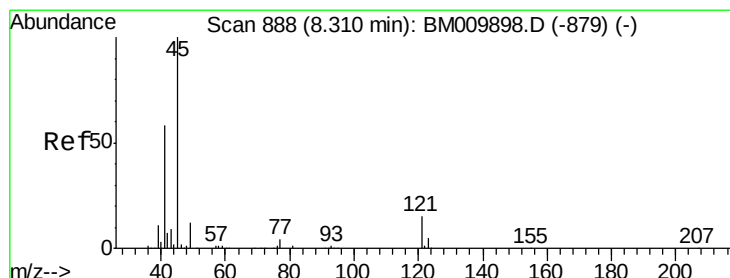
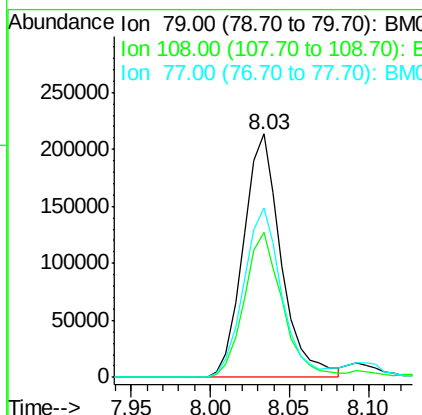
#15
Benzyl Alcohol
Concen: 44.14 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
79	100		
108	59.4	65.0	97.4#
77	69.6	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

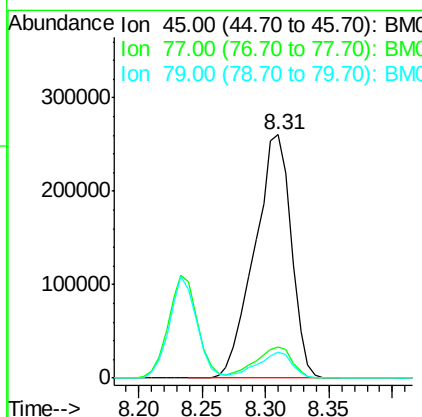
Manual Integrations
APPROVED

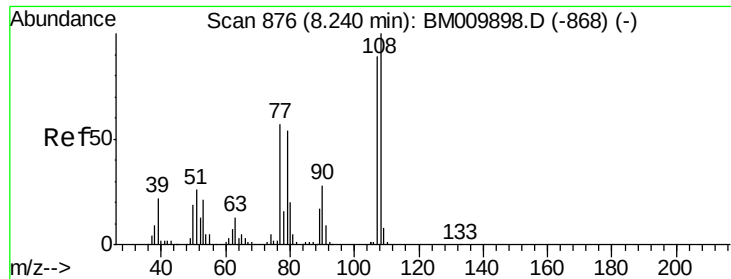
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.62 ng
RT: 8.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	35.2
79	10.6	0.0	32.0





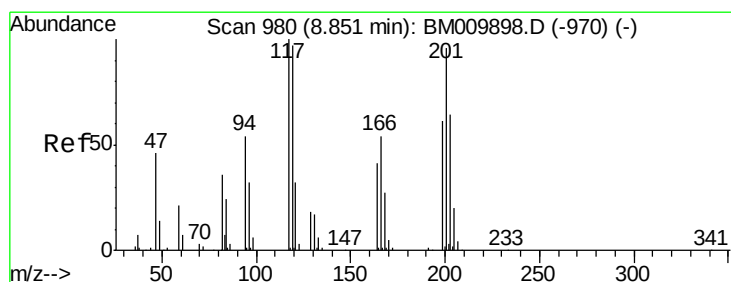
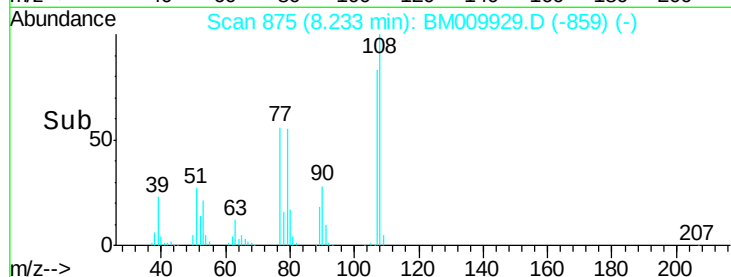
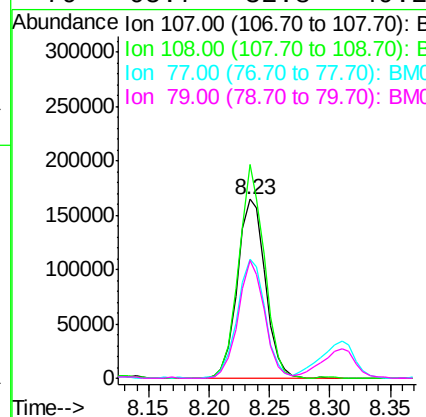
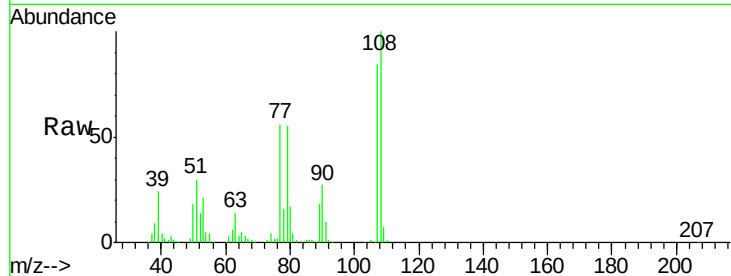
#17
2-Methylphenol
Concen: 41.80 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	119.5	89.8	134.8
77	66.7	32.6	48.8
79	65.7	32.8	49.2

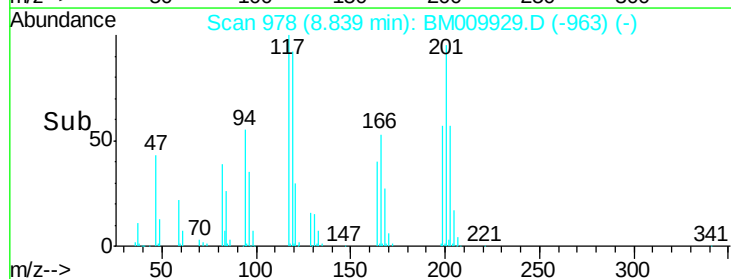
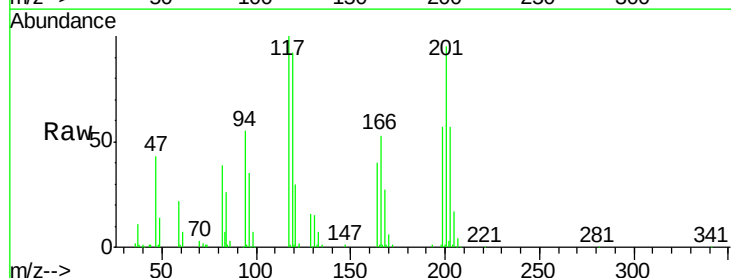
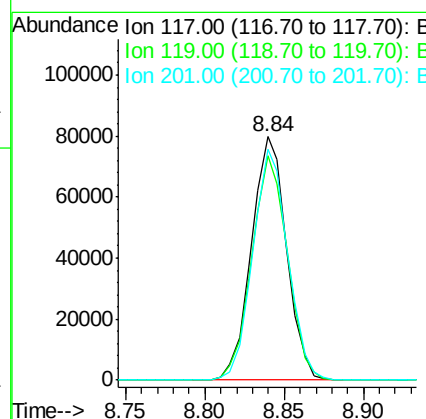
Manual Integrations
APPROVED

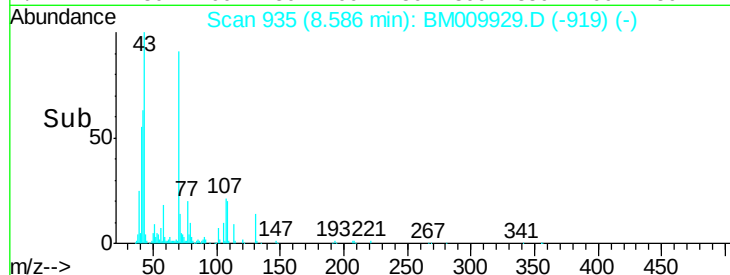
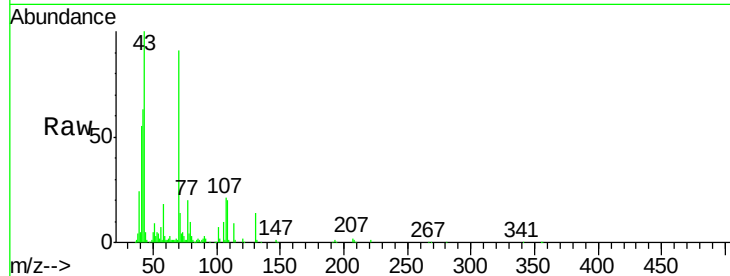
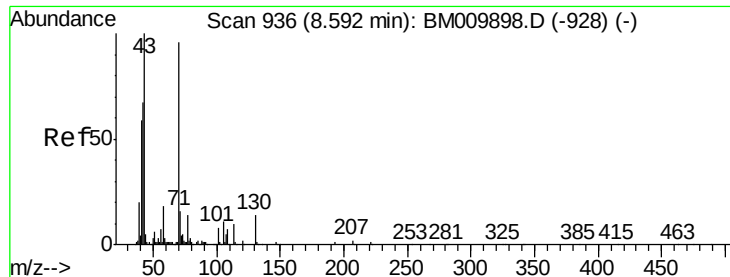
mohammad
5/8/2017 3:55:34 PM



#18
Hexachloroethane
Concen: 38.55 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	92.1	79.2	118.8
201	94.7	69.8	104.6





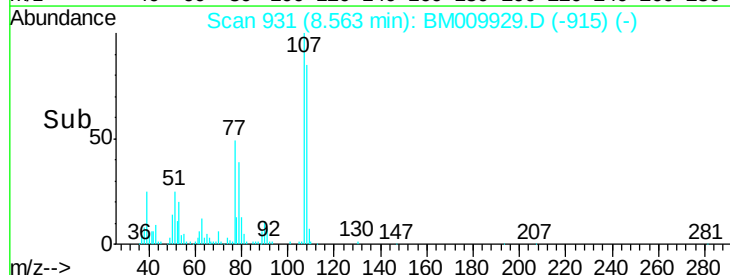
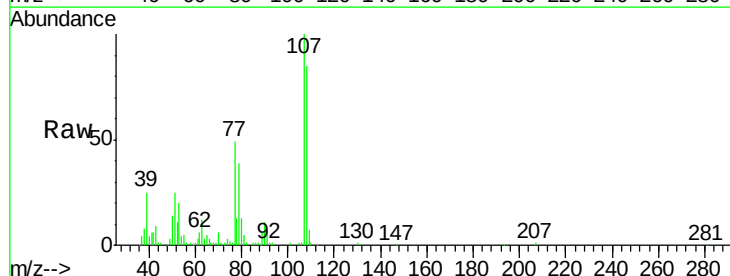
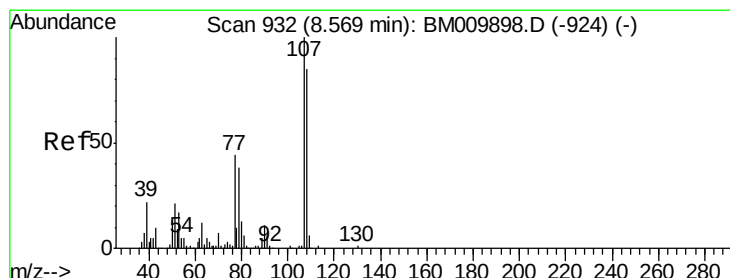
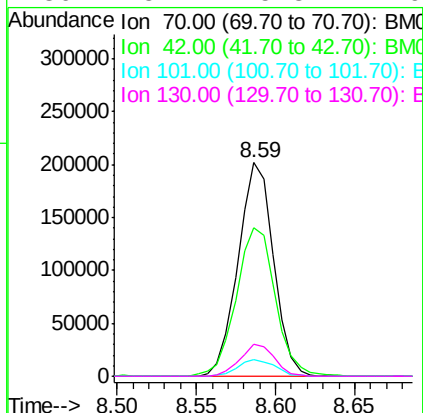
#19
n-Nitroso-di-n-propylamine
Concen: 38.12 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Manual Integrations
APPROVED

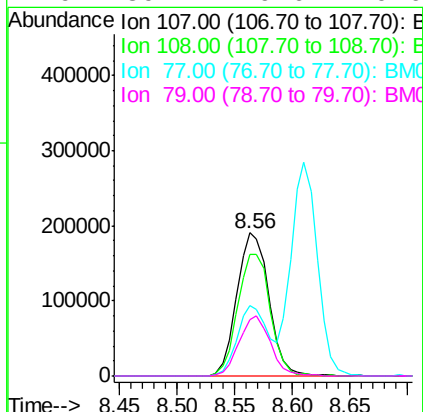
mohammad
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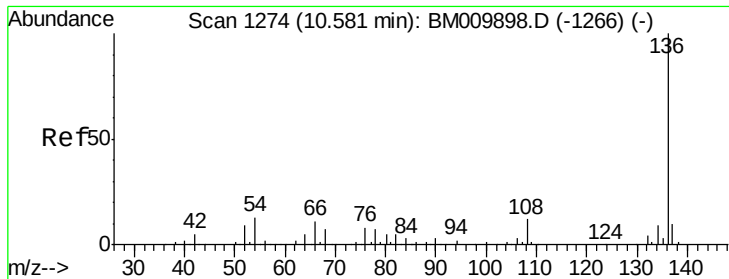
Tgt Ion	Ratio	Lower	Upper
70	100		
42	69.4	44.5	66.7#
101	7.8	7.4	11.2
130	15.2	15.3	22.9#



#20
3+4-Methylphenols
Concen: 41.93 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	73.2	113.2
77	49.1	10.7	50.7
79	39.1	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009929.D

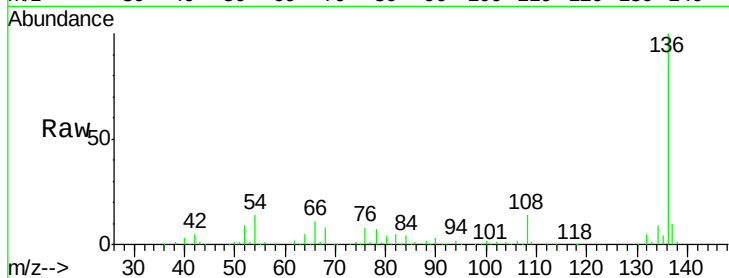
Acq: 06 May 2017 07:18

Instrument :

BNA_M

ClientSampleId :

PB98729BSD



Tgt Ion:136 Resp: 391743

Ion Ratio Lower Upper

136 100

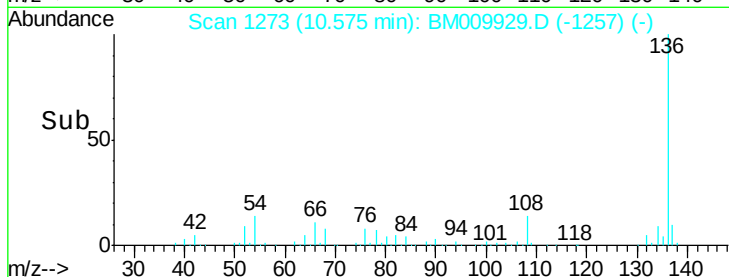
137 9.9 8.7 13.1

54 13.6 4.6 6.8#

68 8.0 3.7 5.5#

Manual Integrations
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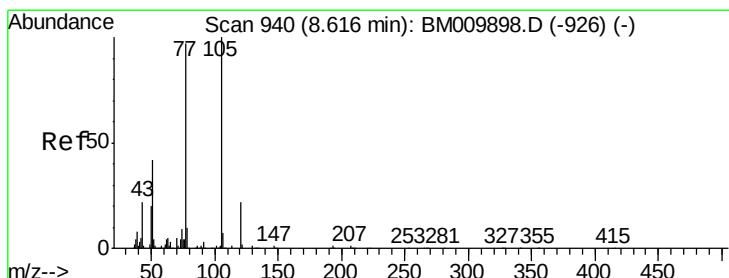
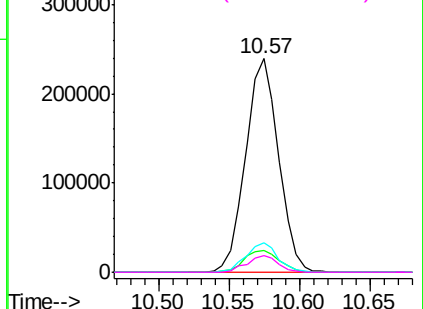


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.16 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:105 Resp: 467638

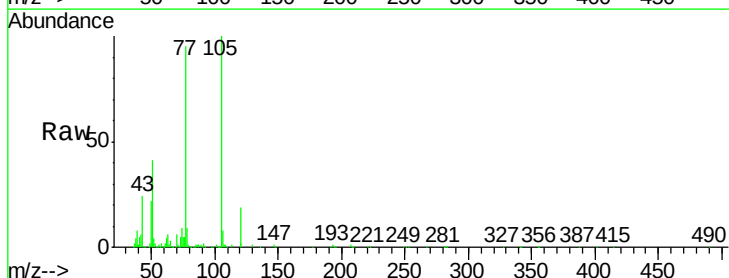
Ion Ratio Lower Upper

105 100

71 0.9 0.6 1.0

51 41.5 21.6 32.4#

120 19.0 16.1 24.1

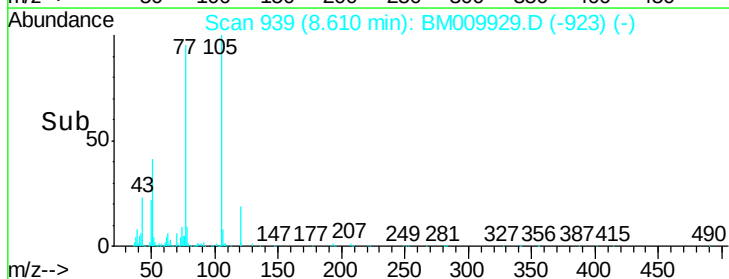
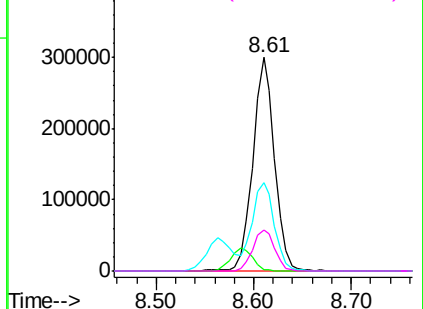


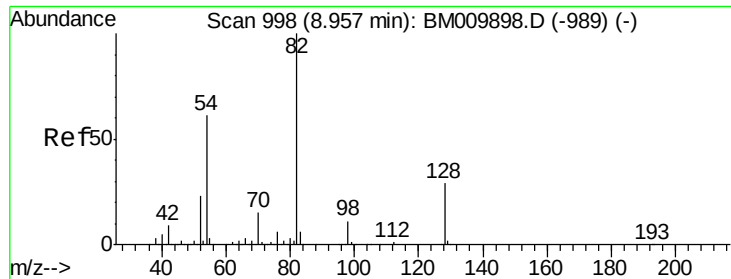
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





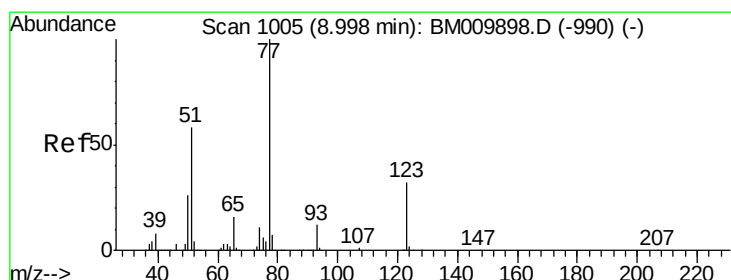
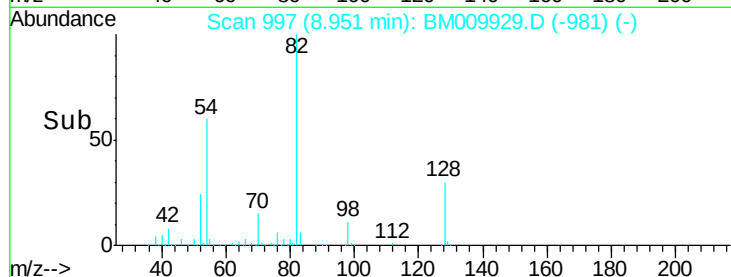
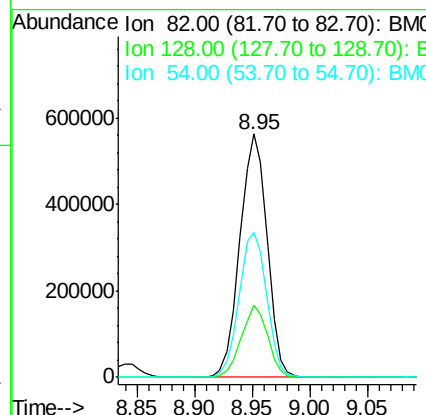
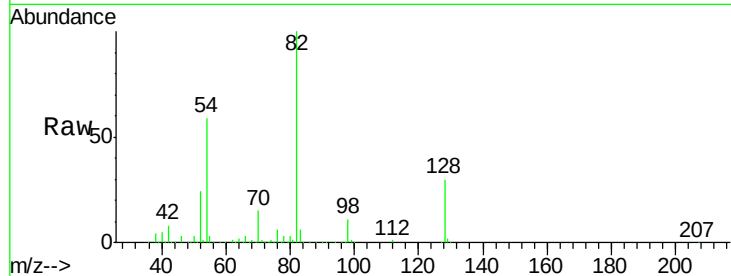
#23
Nitrobenzene-d5
Concen: 84.66 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	916476		
128	29.7	32.8	49.2#	
54	59.5	40.6	60.8	

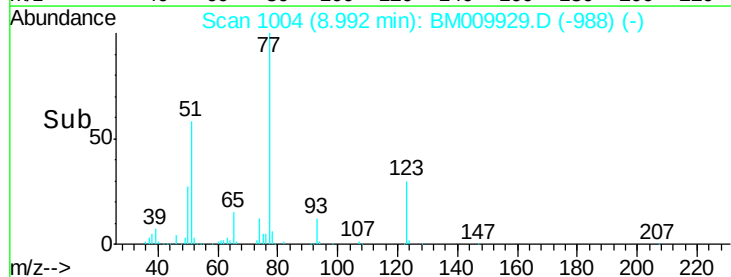
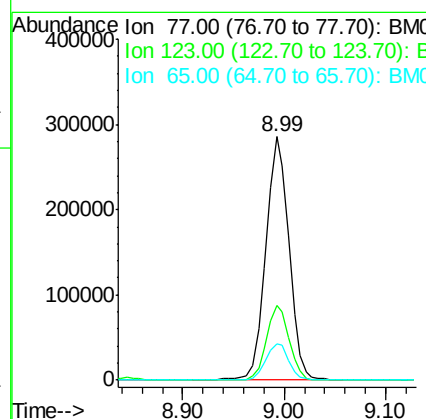
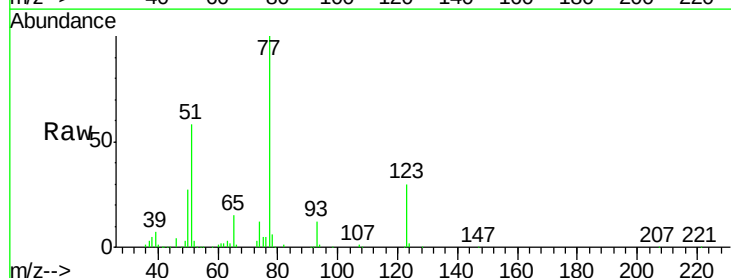
Manual Integrations
APPROVED

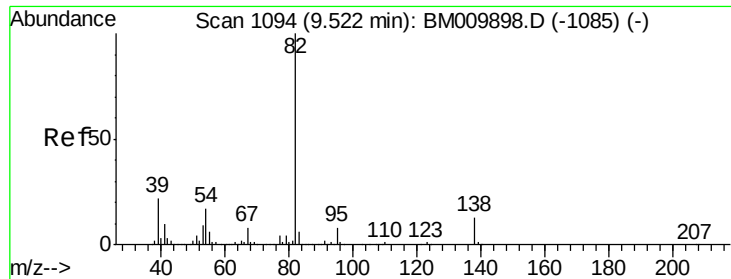
mohammad
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#24
Nitrobenzene
Concen: 40.24 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	452105		
123	30.5	32.6	49.0#	
65	14.6	10.9	16.3	





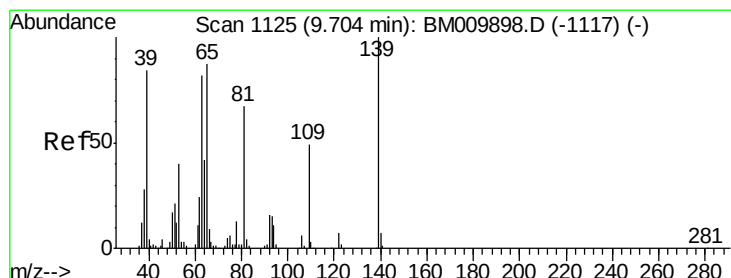
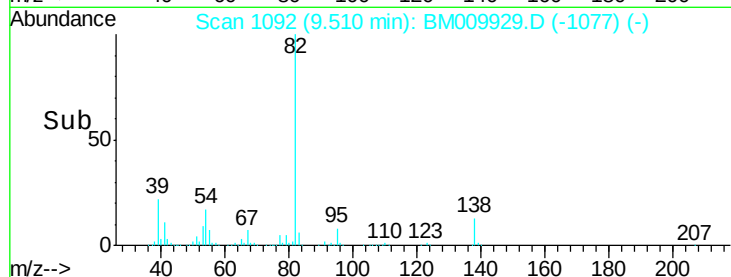
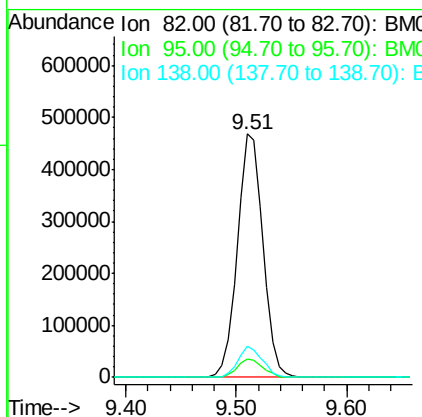
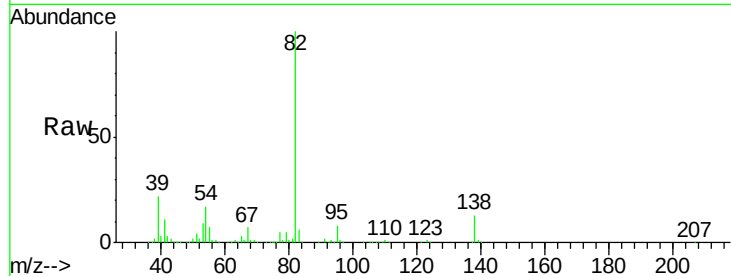
#25
Isophorone
Concen: 39.81 ng
RT: 9.51 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.5	5.8	8.6
138	12.7	16.3	24.5#

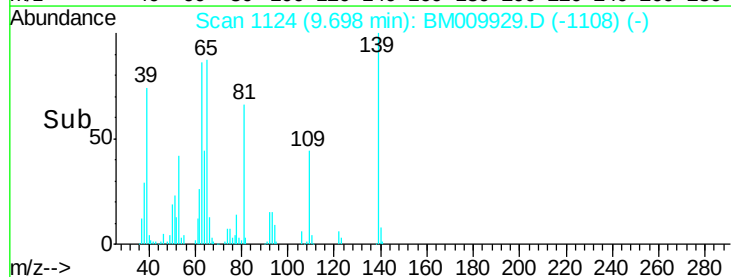
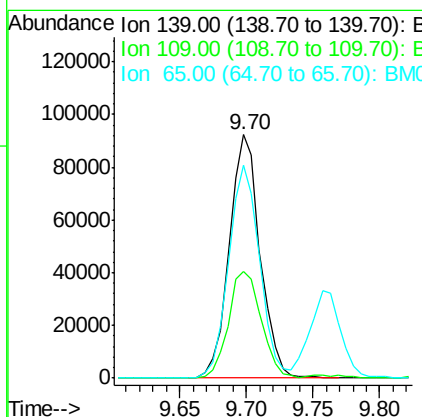
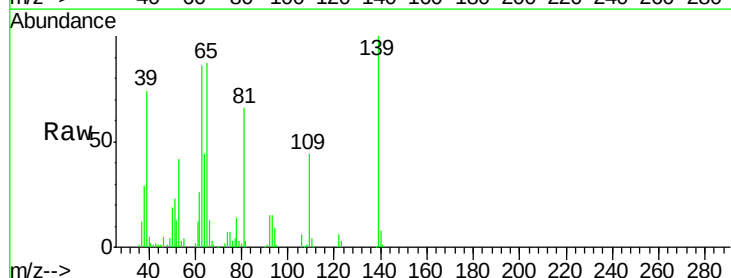
Manual Integrations
APPROVED

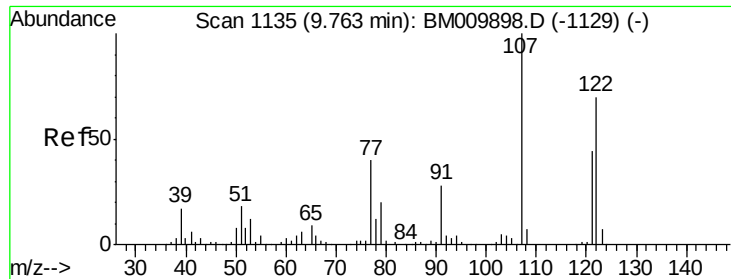
mohammad
5/8/2017 3:55:34 PM



#26
2-Nitrophenol
Concen: 40.79 ng
RT: 9.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	43.9	20.1	30.1#
65	87.4	31.5	47.3#





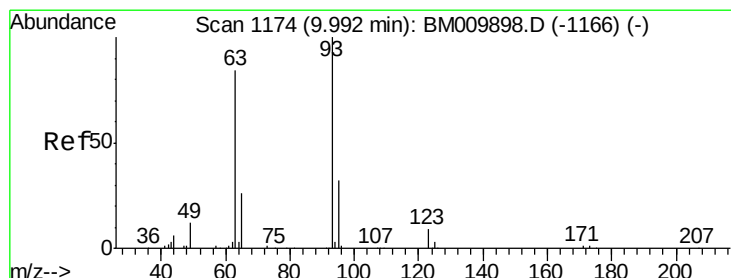
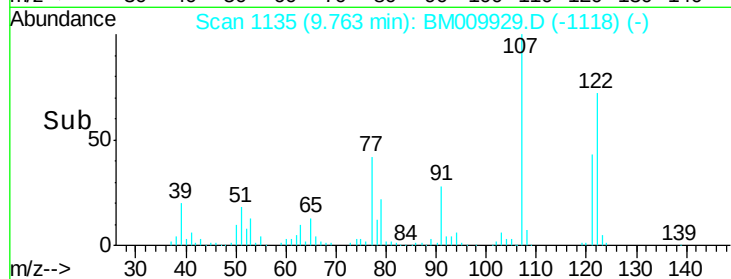
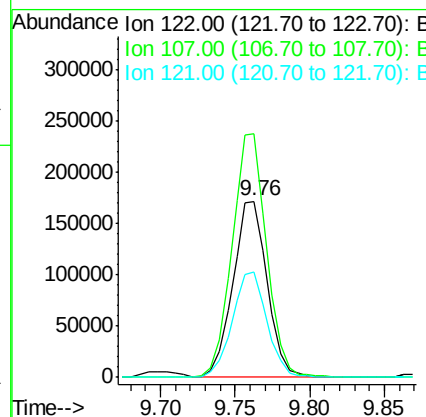
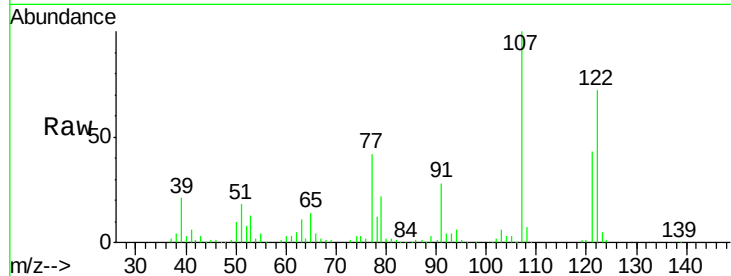
#27
 2,4-Dimethylphenol
 Concen: 42.09 ng
 RT: 9.76 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	275245		
107	138.5	84.7	127.1#	
121	59.8	46.6	69.8	

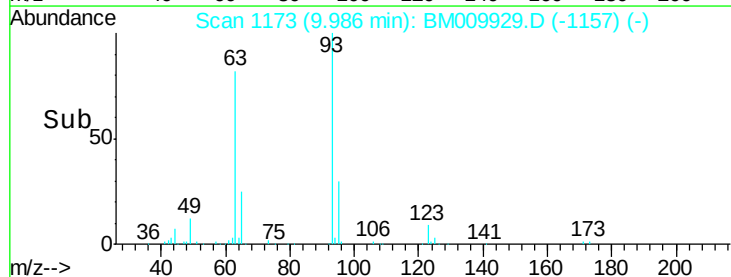
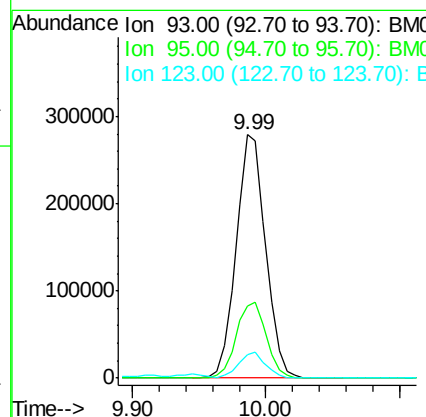
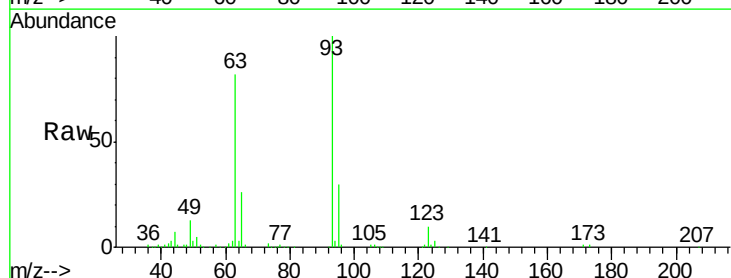
Manual Integrations
 APPROVED

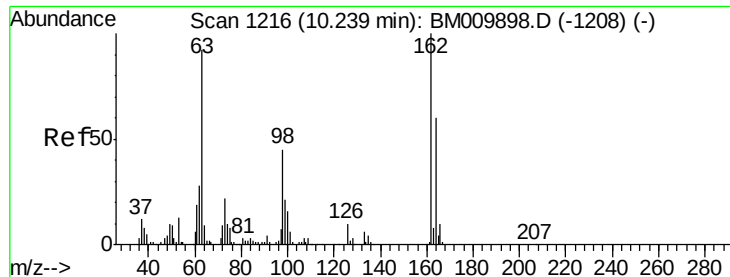
mohammad
 5/8/2017 3:55:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.54 ng
 RT: 9.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	428282		
95	29.5	25.5	38.3	
123	9.8	8.6	13.0	





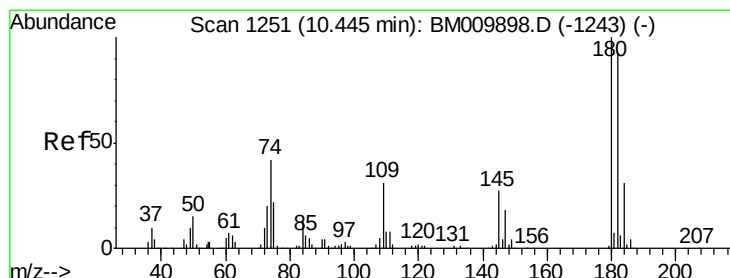
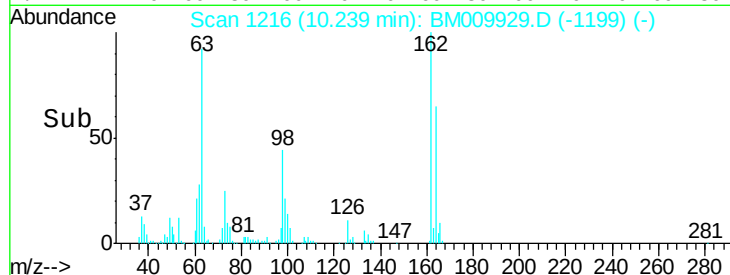
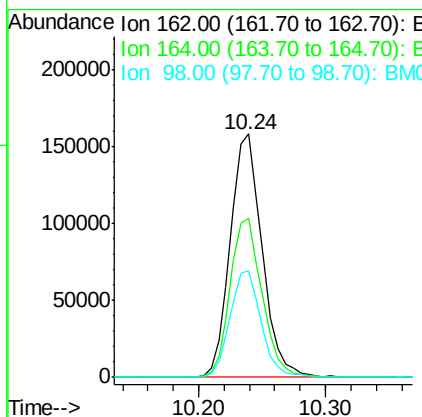
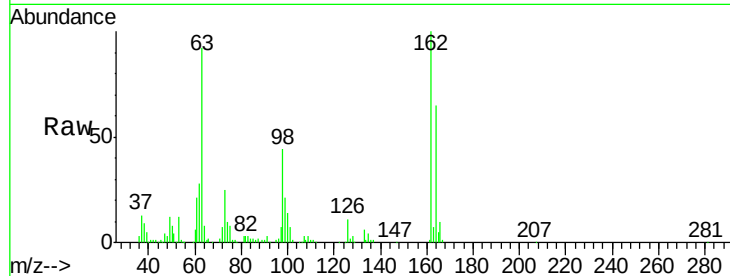
#29
2,4-Dichlorophenol
Concen: 43.89 ng
RT: 10.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	275167		
164	65.2	42.8	82.8	
98	43.6	14.5	54.5	

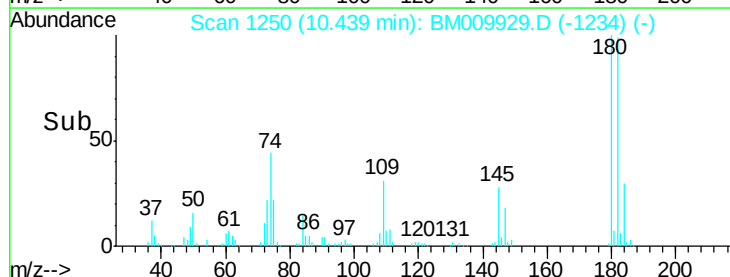
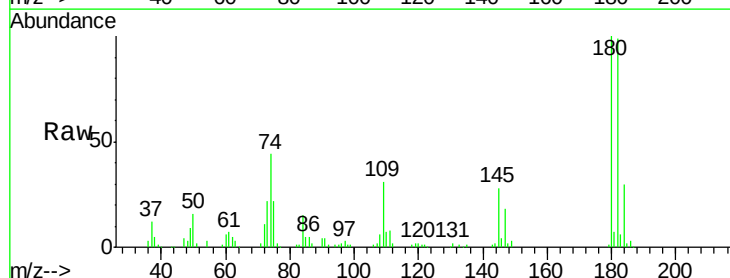
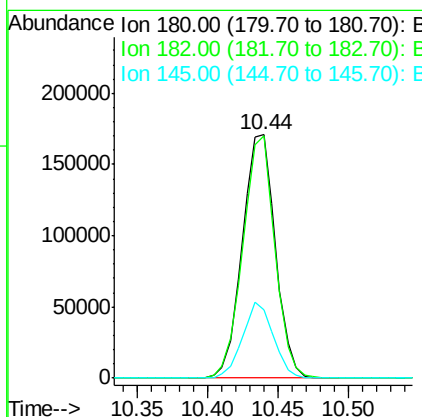
Manual Integrations
APPROVED

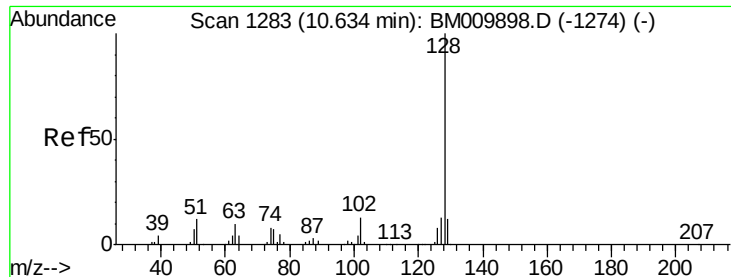
mohammad
5/8/2017 3:55:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.33 ng
RT: 10.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280836		
182	99.4	77.6	116.4	
145	28.1	23.4	35.2	





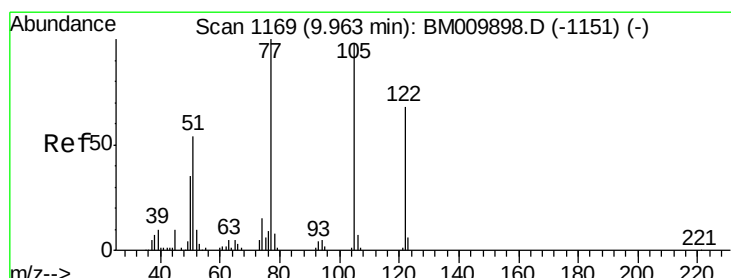
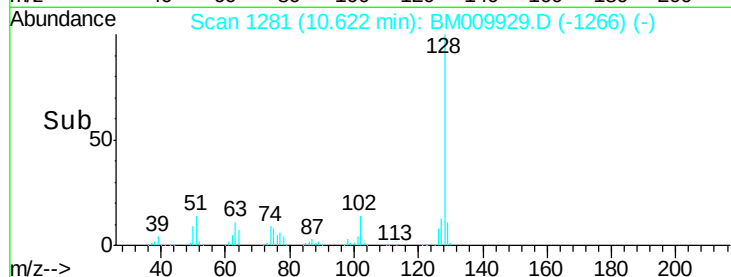
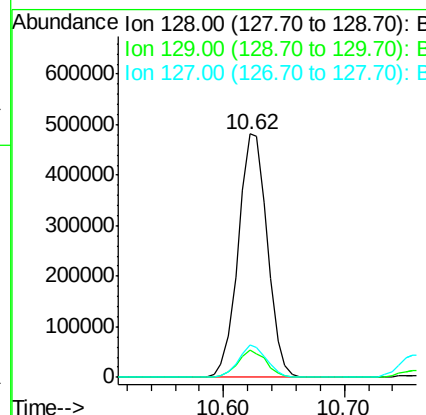
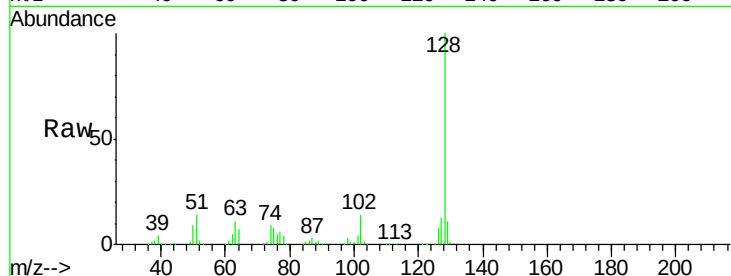
#31
Naphthalene
Concen: 37.46 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	806813		
129	11.2		8.9	13.3
127	13.2		10.4	15.6

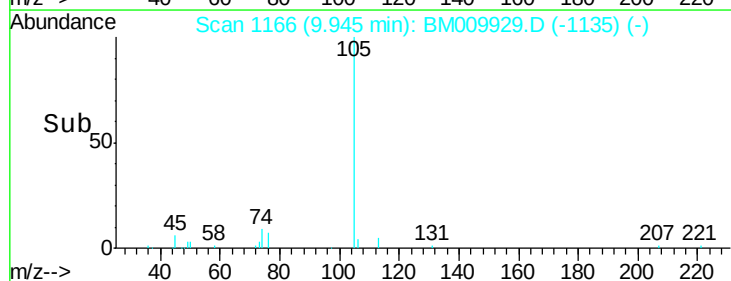
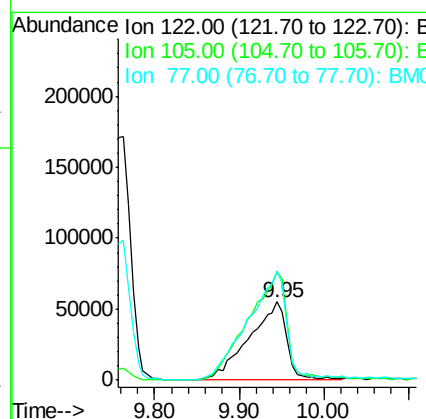
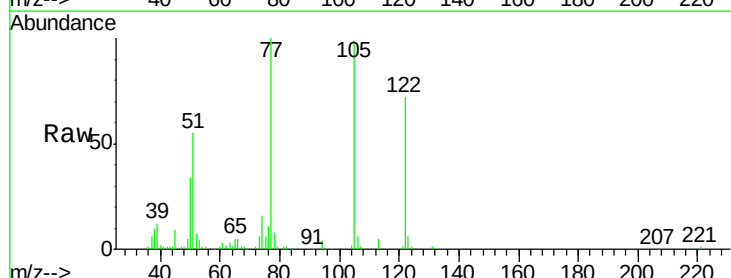
Manual Integrations
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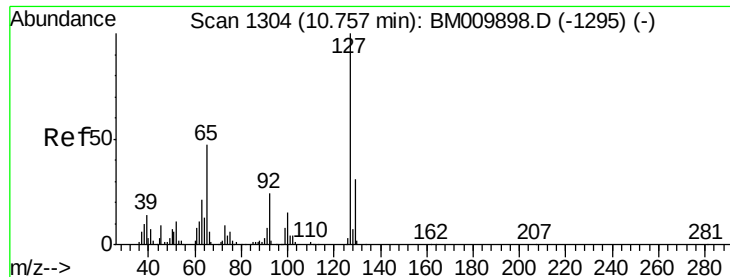
mohammad
5/8/2017 3:55:34 PM



#32
Benzoic acid
Concen: 40.21 ng
RT: 9.95 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	172661		
105	138.8		99.9	139.9
77	139.6		73.7	113.7#





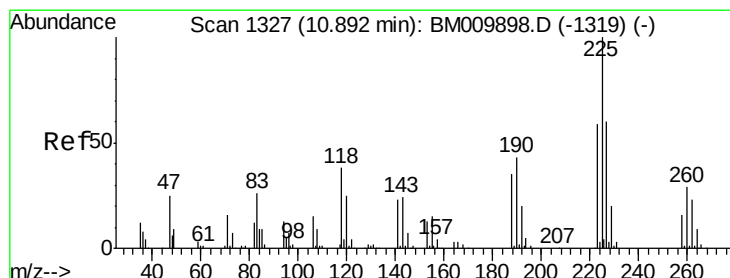
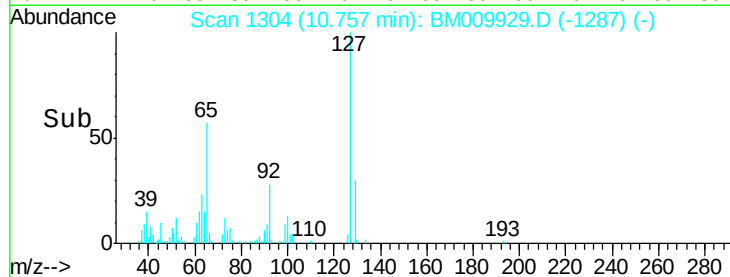
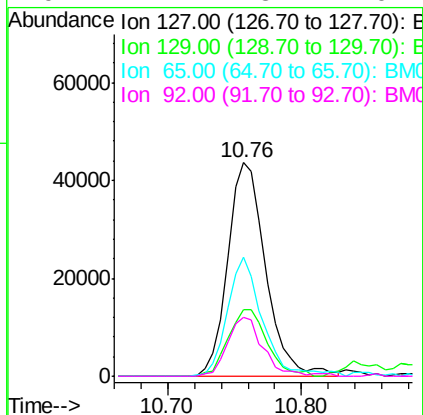
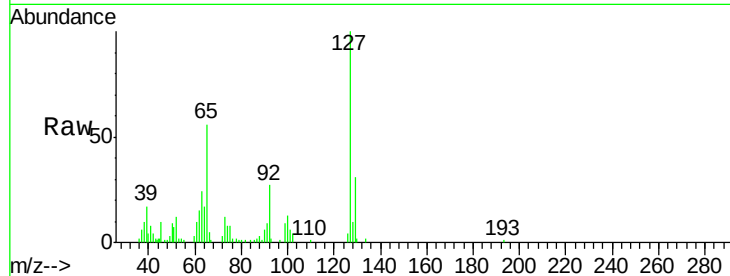
#33
4-Chloroaniline
Concen: 9.53 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	25.3	37.9	
65	56.0	17.6	26.4	
92	27.4	13.1	19.7	

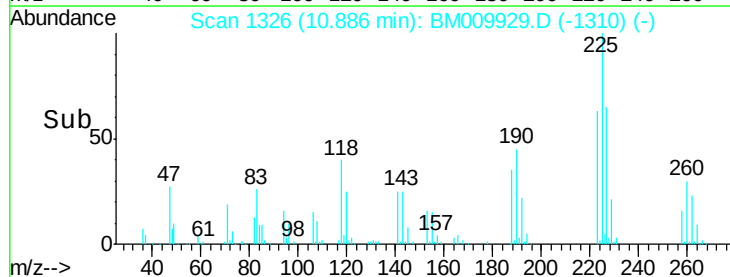
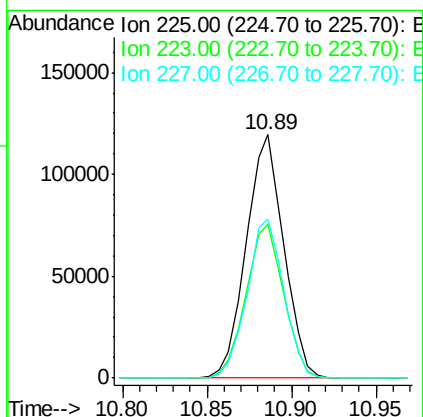
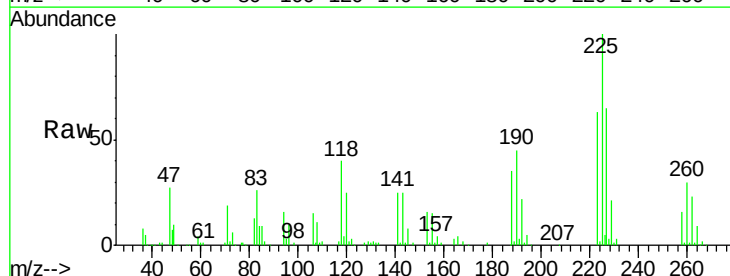
Manual Integrations
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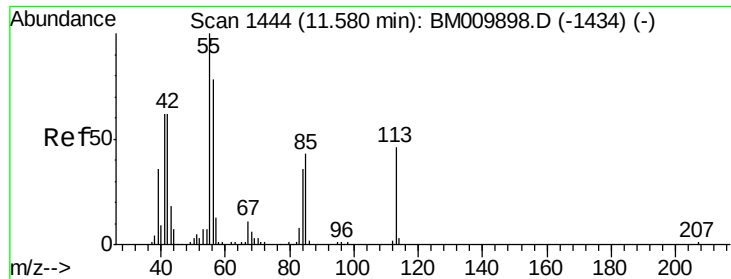
mohammad
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#34
Hexachlorobutadiene
Concen: 36.28 ng
RT: 10.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	47.9	71.9	
227	65.2	50.1	75.1	





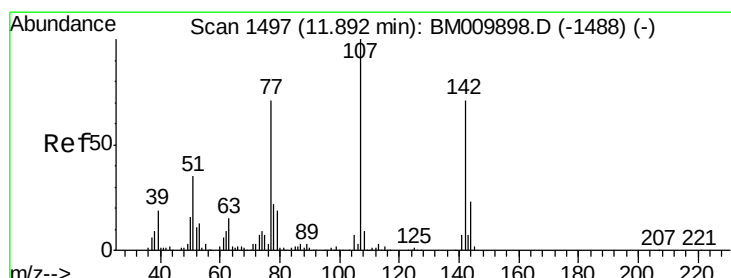
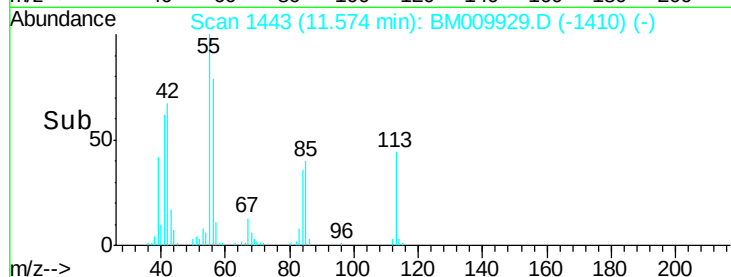
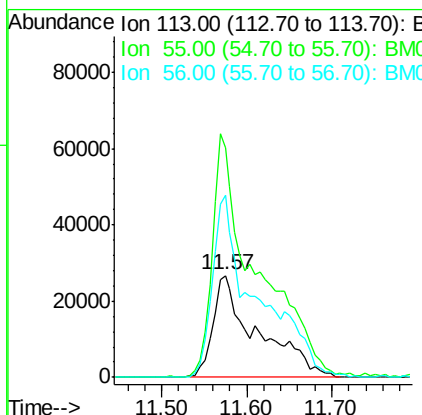
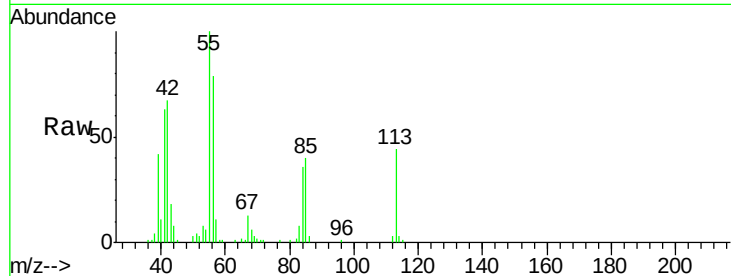
#35
 Caprolactam
 Concen: 40.44 ng m
 RT: 11.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion:113 Resp: 96694
 Ion Ratio Lower Upper
 113 100
 55 225.8 145.9 185.9#
 56 179.4 101.0 141.0#

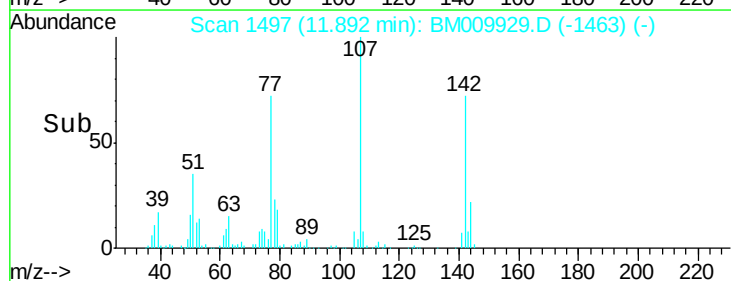
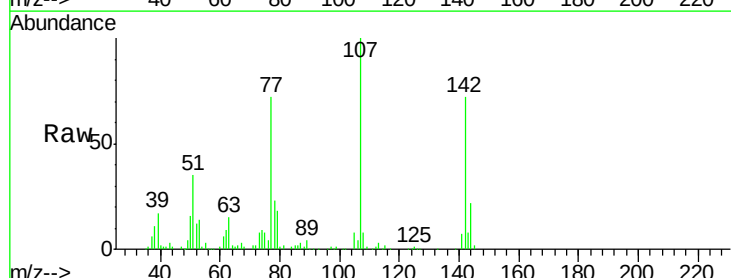
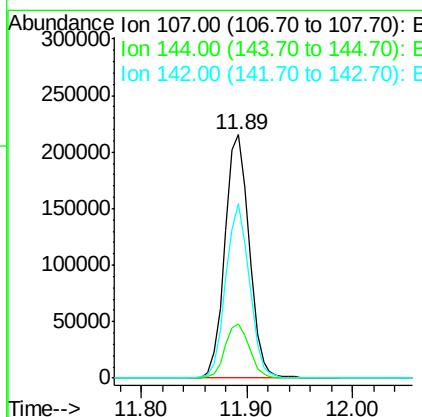
Manual Integrations
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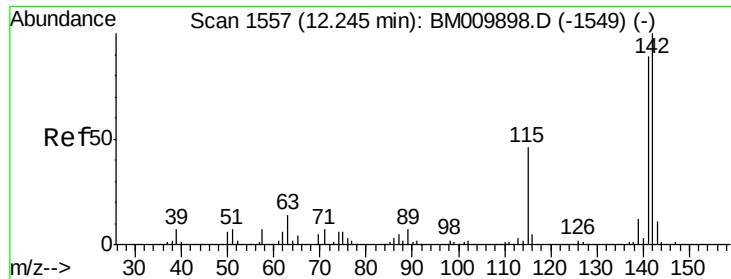
mohammad
 5/8/2017 3:55:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.39 ng
 RT: 11.89 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion:107 Resp: 343833
 Ion Ratio Lower Upper
 107 100
 144 22.5 23.3 34.9#
 142 71.9 72.6 109.0#





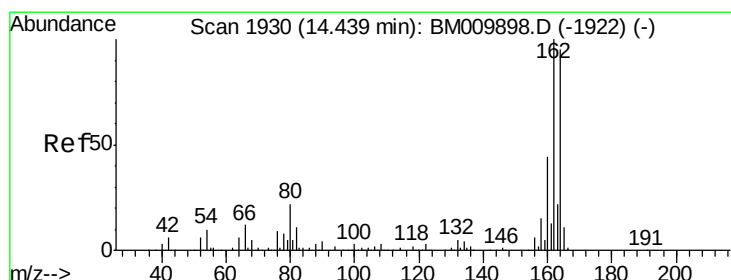
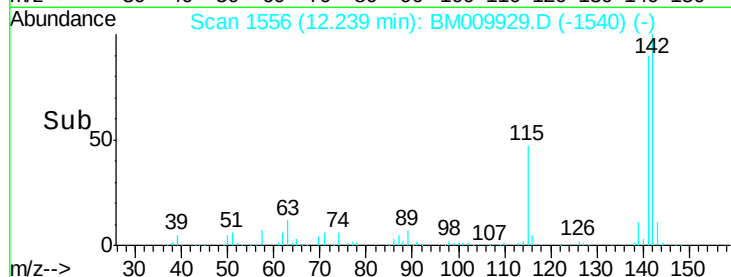
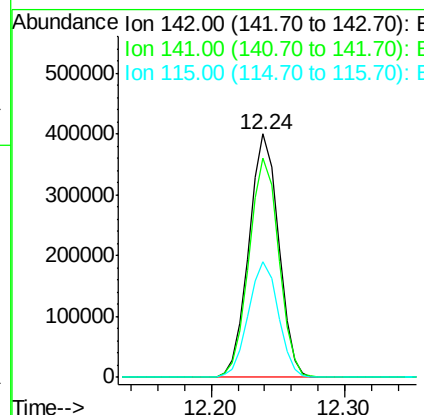
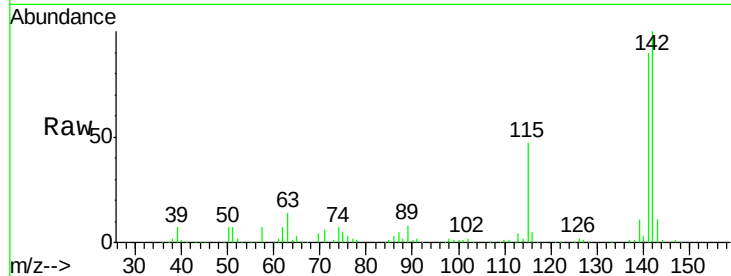
#37
2-Methylnaphthalene
Concen: 40.43 ng
RT: 12.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	615130		
141	89.9	71.9	107.9	
115	47.4	25.4	38.0	

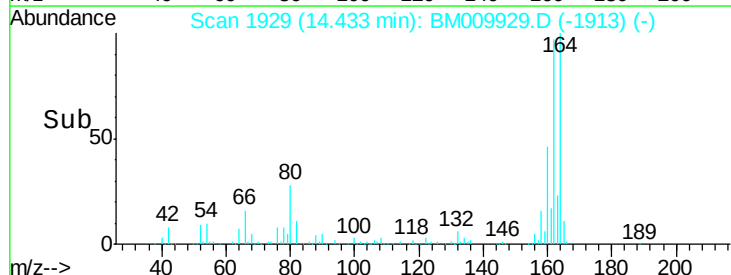
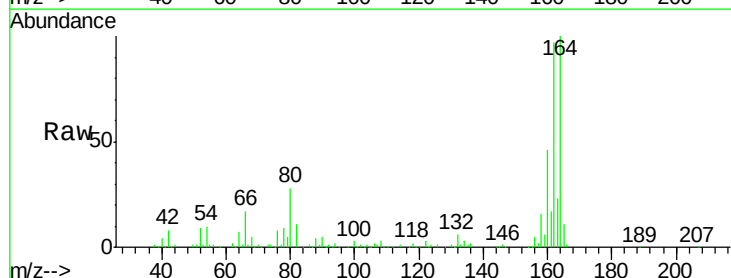
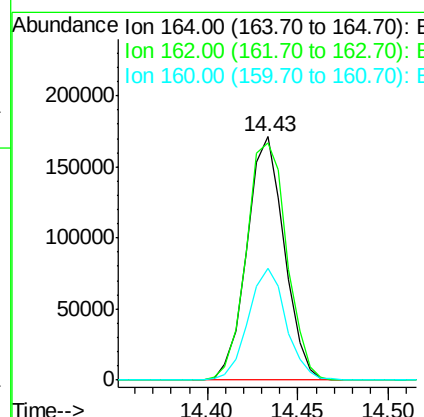
Manual Integrations
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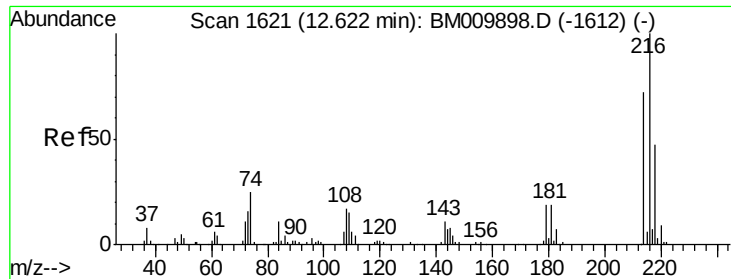
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	245213		
162	97.5	82.4	123.6	
160	45.9	35.8	53.6	





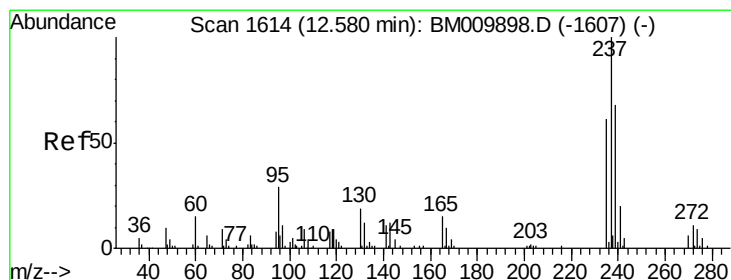
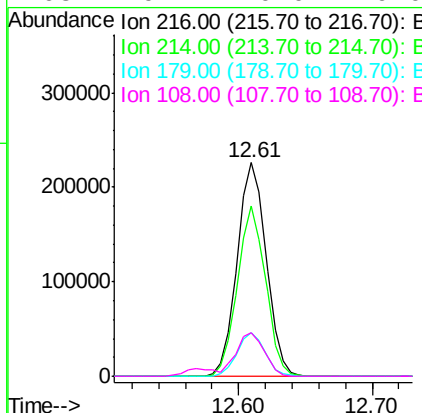
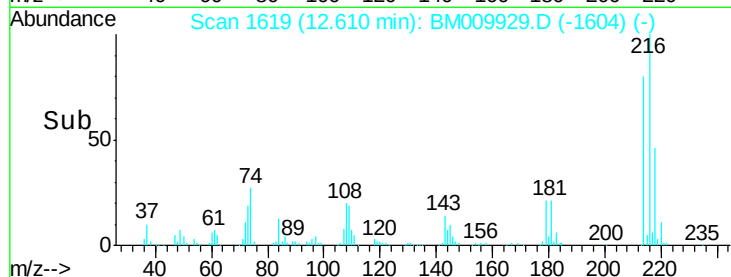
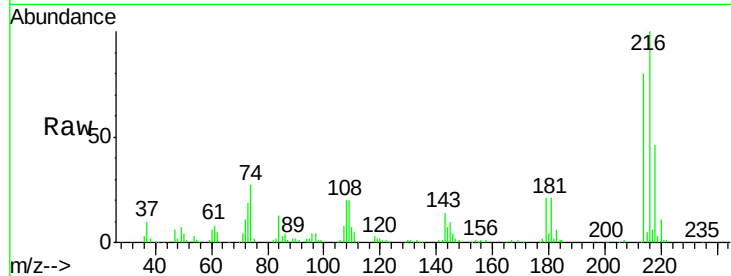
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.65 ng
 RT: 12.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	340921		
214	77.1	0.0	0.0	0.0
179	19.8	0.0	0.0	0.0
108	19.7	0.0	0.0	0.0

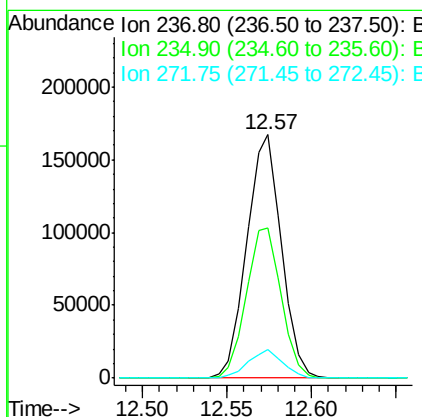
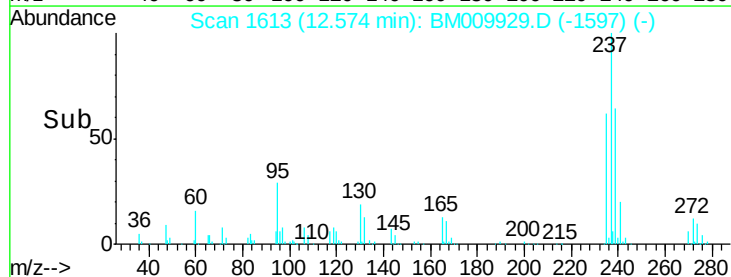
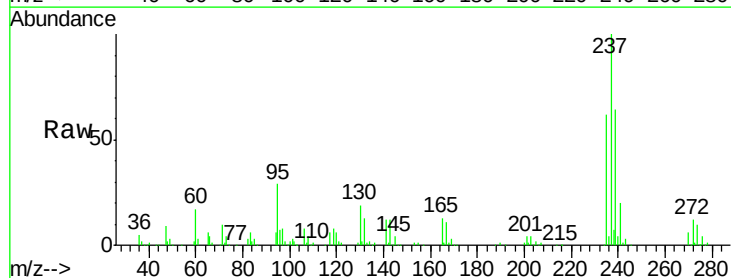
Manual Integrations
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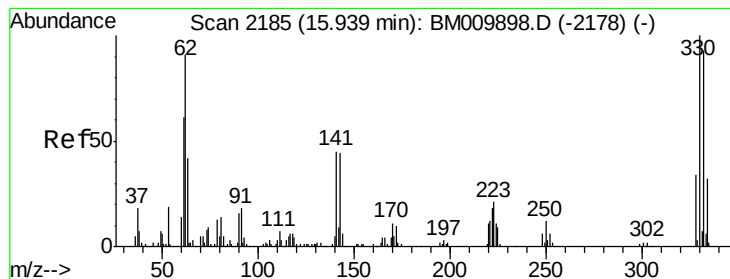
mohammad
 5/8/2017 3:55:34 PM



#40
 Hexachlorocyclopentadiene
 Concen: 81.47 ng
 RT: 12.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	237041		
235	61.7	42.0	82.0	
272	11.6	0.0	33.4	





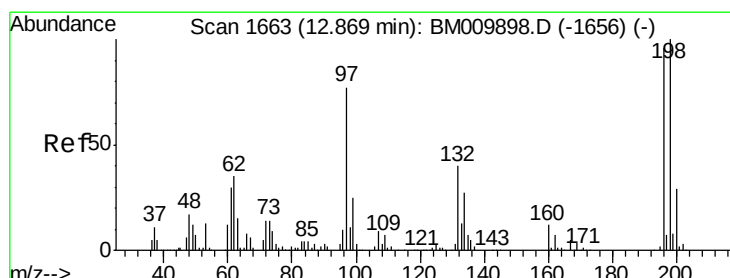
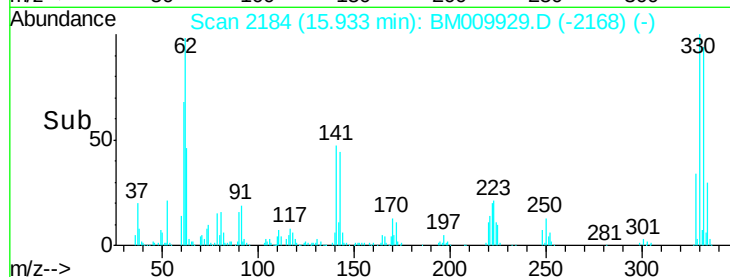
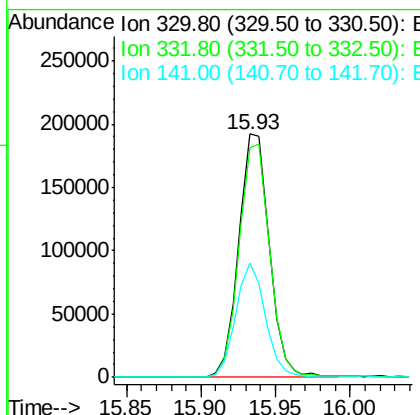
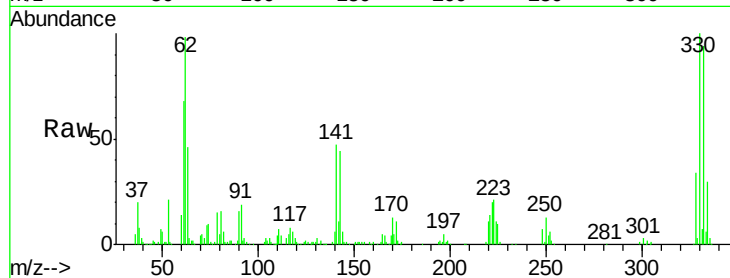
#41
 2,4,6-Tribromophenol
 Concen: 82.04 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	274747		
332	96.7	0.0	0.0	0.0
141	46.1	0.0	0.0	0.0

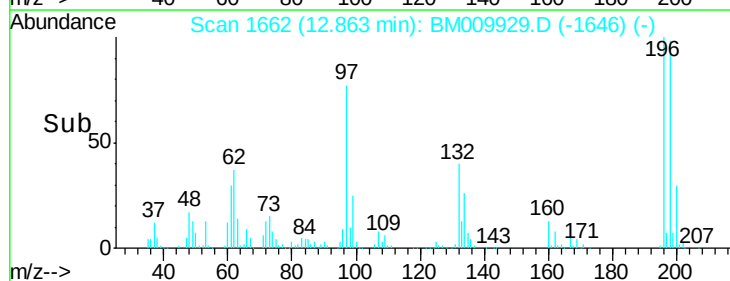
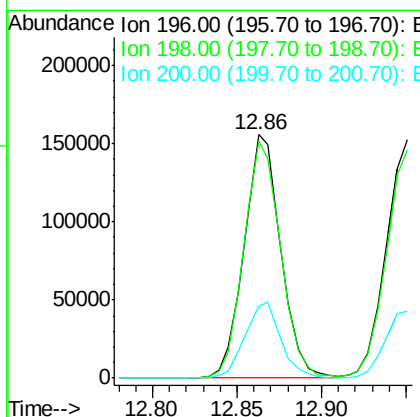
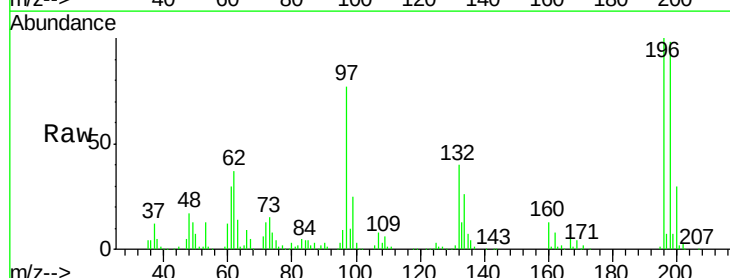
Manual Integrations
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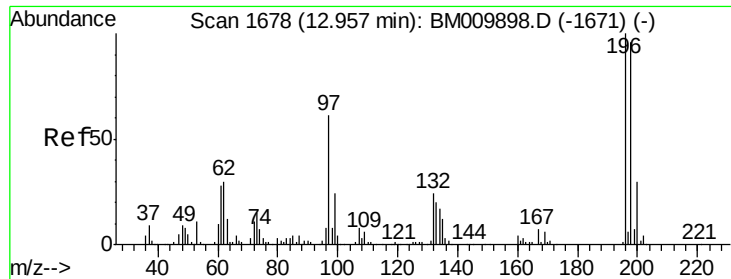
mohammad
 5/8/2017 3:55:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.21 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234927		
198	97.7	76.3	114.5	
200	29.8	25.6	38.4	





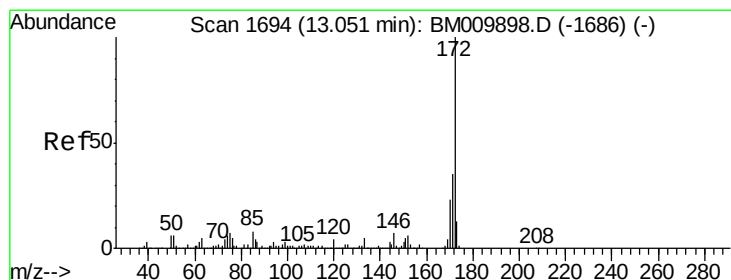
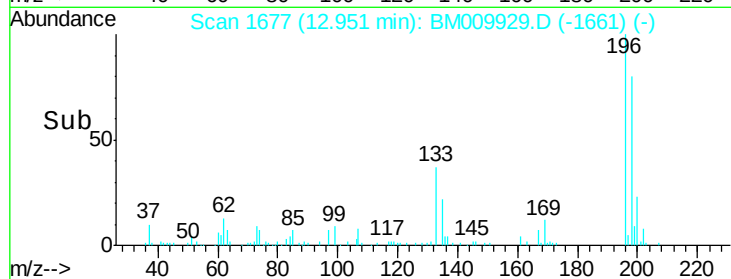
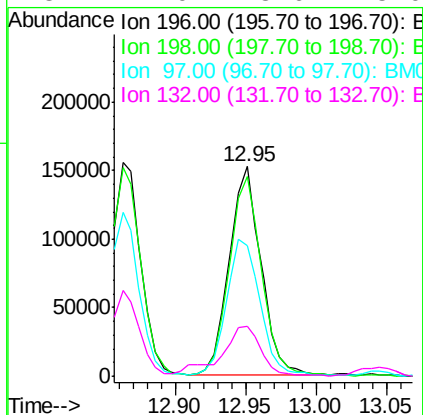
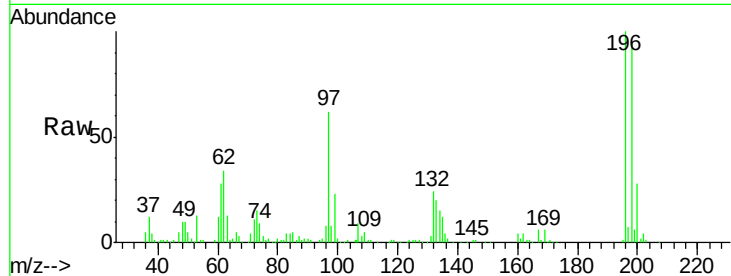
#43
2,4,5-Trichlorophenol
Concen: 38.58 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	236591		
198	95.4	79.4	119.0	
97	62.4	26.8	40.2	
132	24.0	18.6	28.0	

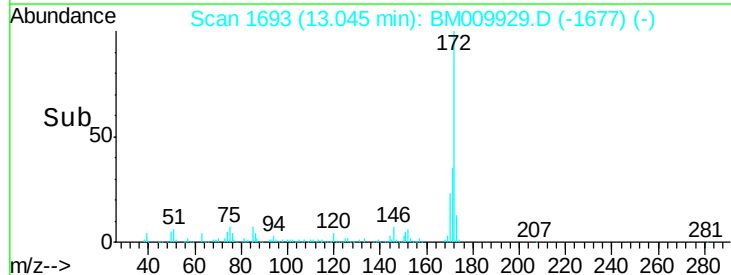
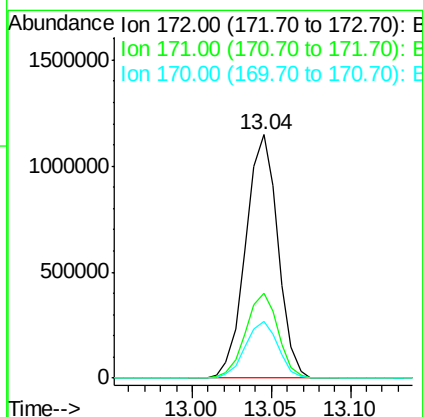
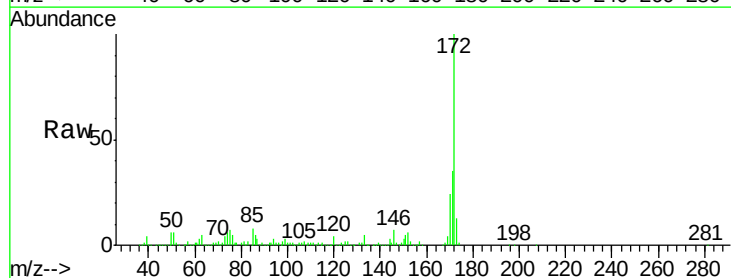
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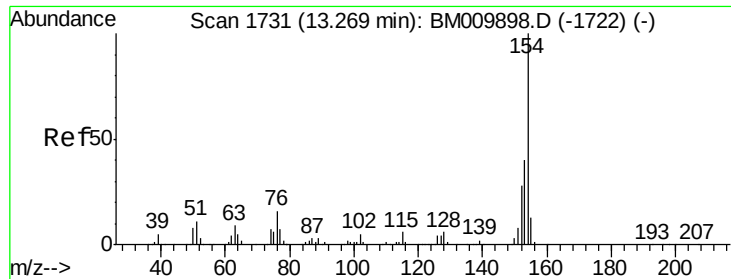
mohammad
5/8/2017 3:55:34 PM



#44
2-Fluorobiphenyl
Concen: 86.28 ng
RT: 13.04 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1623873		
171	34.7	28.5	42.7	
170	23.5	18.8	28.2	





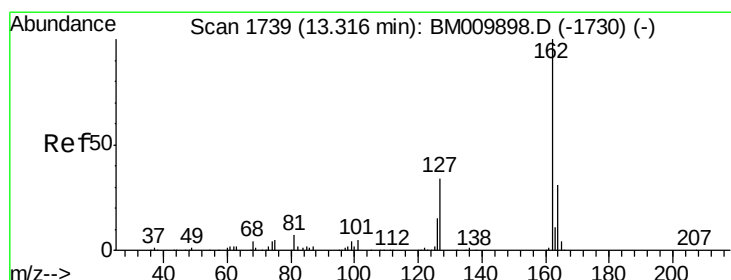
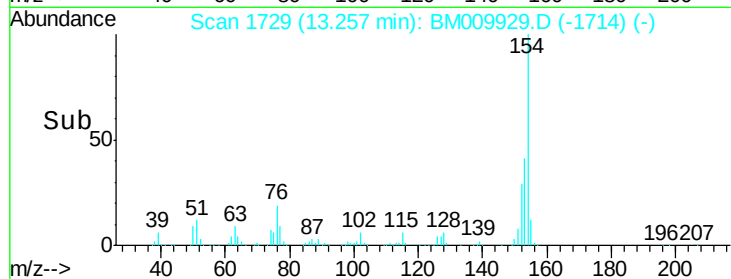
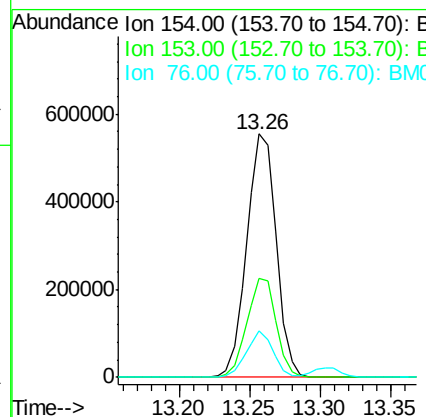
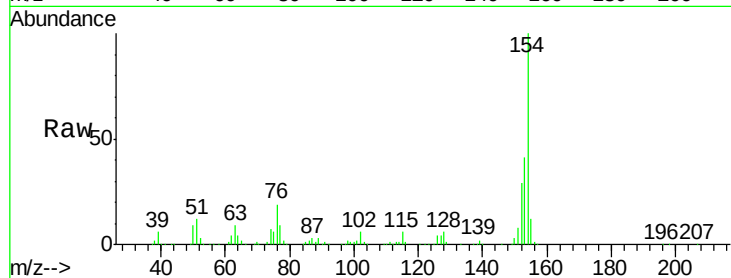
#45
 1,1'-Biphenyl
 Concen: 38.89 ng
 RT: 13.26 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	811872		
153	40.8	20.7	60.7	
76	19.0	0.0	30.9	

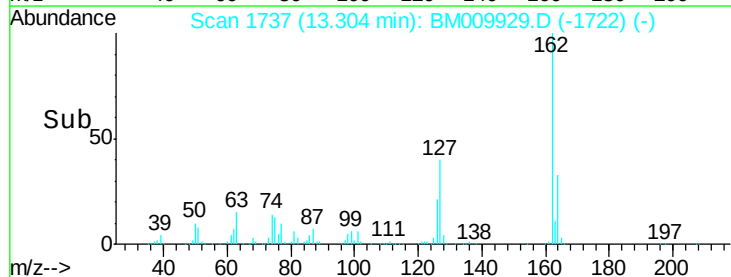
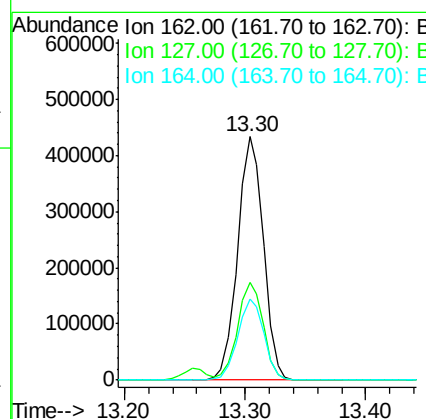
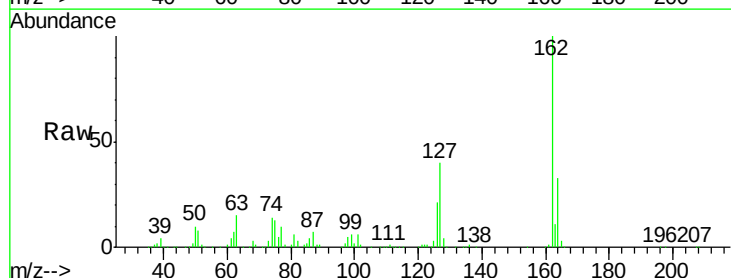
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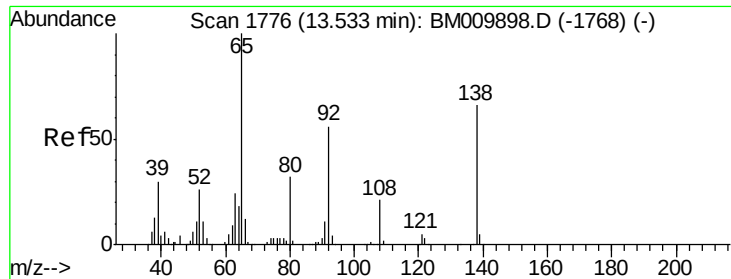
mohammad
 5/8/2017 3:55:34 PM



#46
 2-Chloronaphthalene
 Concen: 39.06 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	644495		
127	40.2	26.9	40.3	
164	33.1	26.8	40.2	





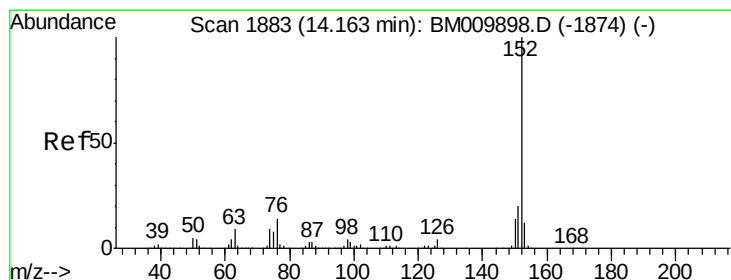
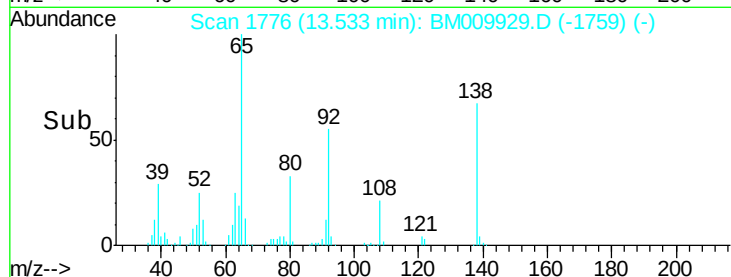
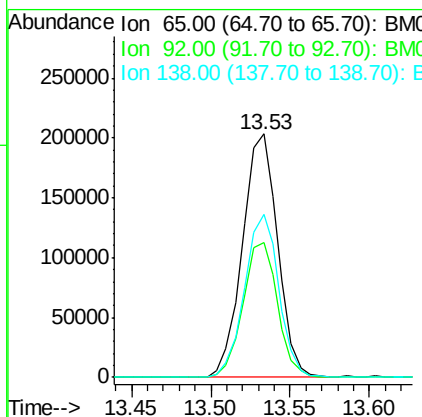
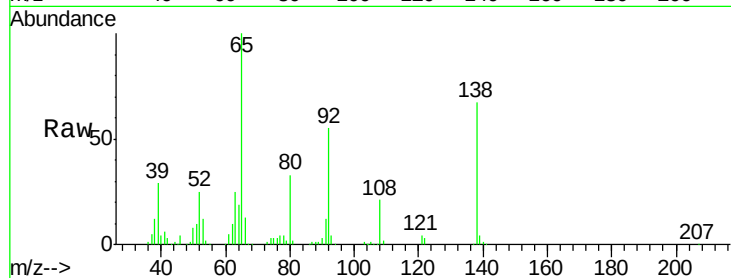
#47
2-Nitroaniline
Concen: 39.41 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion: 65 Resp: 314090
Ion Ratio Lower Upper
65 100
92 55.3 59.1 88.7#
138 66.8 93.9 140.9#

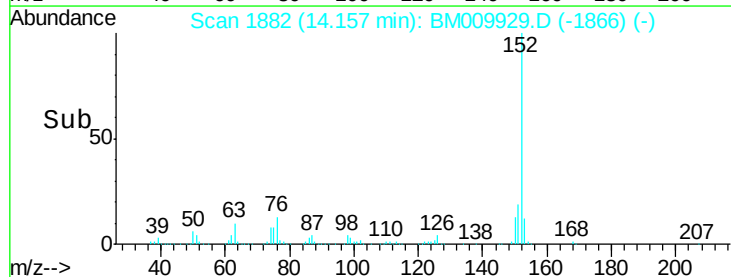
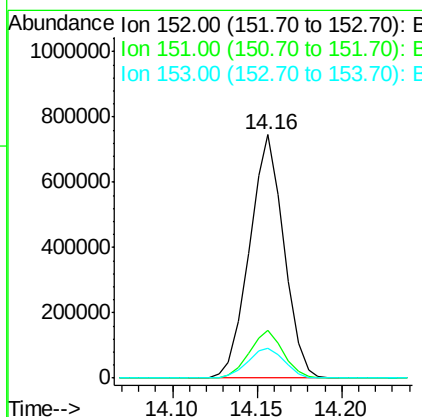
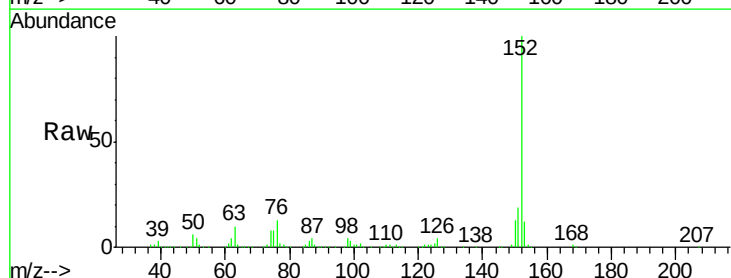
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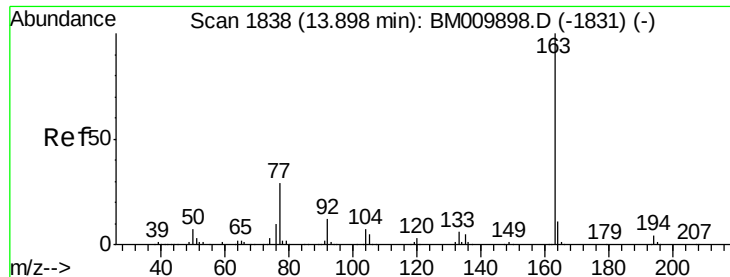
mohammad
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#48
Acenaphthylene
Concen: 40.65 ng
RT: 14.16 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion: 152 Resp: 1052902
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.3 10.6 16.0





#49

Dimethylphthalate

Concen: 37.08 ng

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

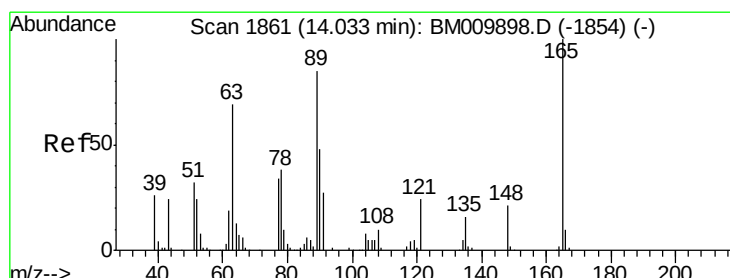
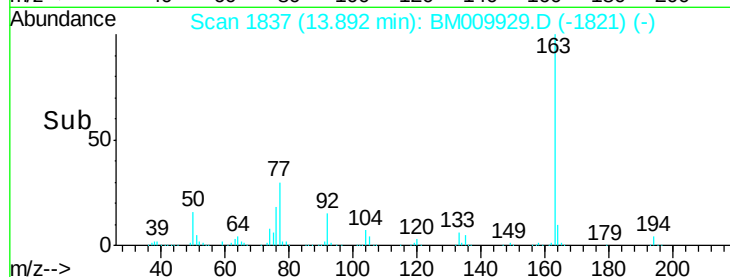
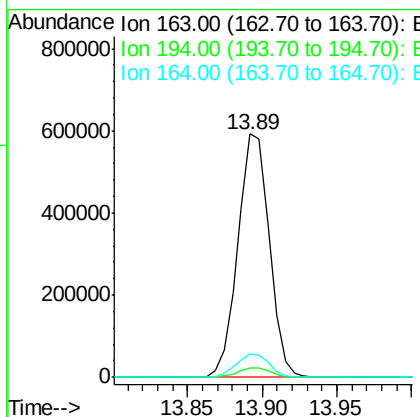
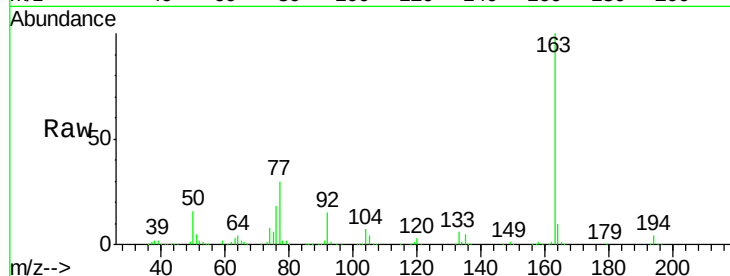
ClientSampleId :

PB98729BSD

Tgt Ion:	163	Resp:	866116
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 41.28 ng

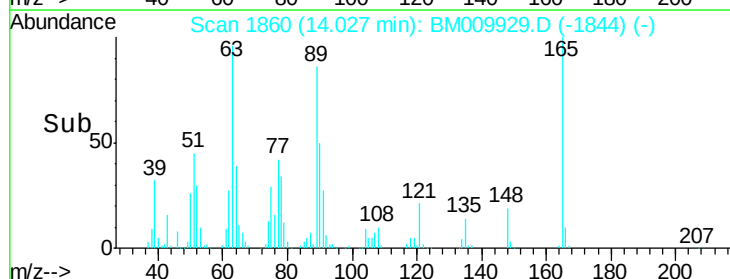
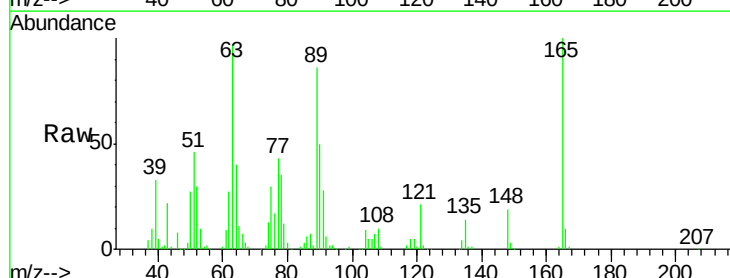
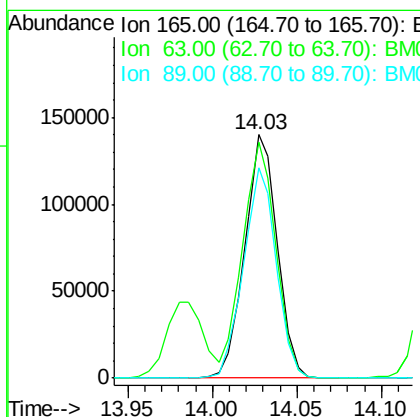
RT: 14.03 min Scan# 1860

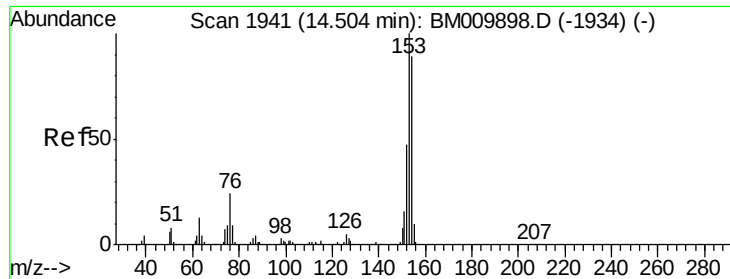
Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:	165	Resp:	188074
Ion Ratio	Lower	Upper	
165	100		
63	96.7	44.1	66.1#
89	86.4	44.3	66.5#





#51

Acenaphthene

Concen: 39.52 ng

RT: 14.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

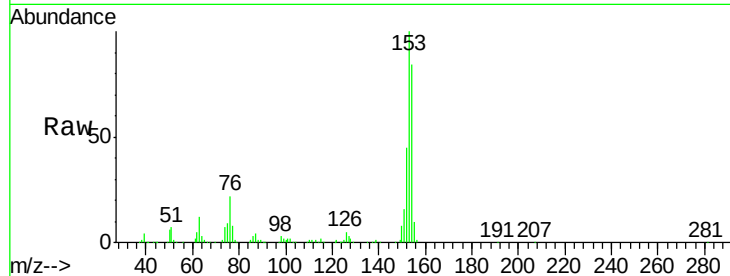
ClientSampleId :

PB98729BSD

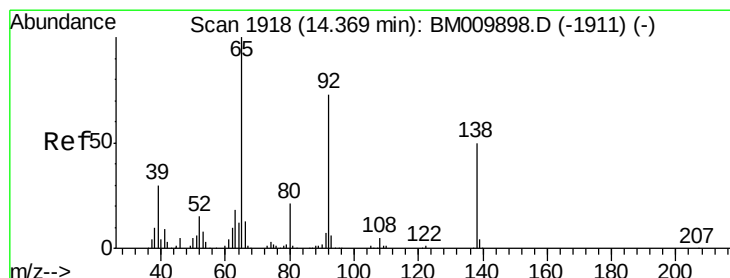
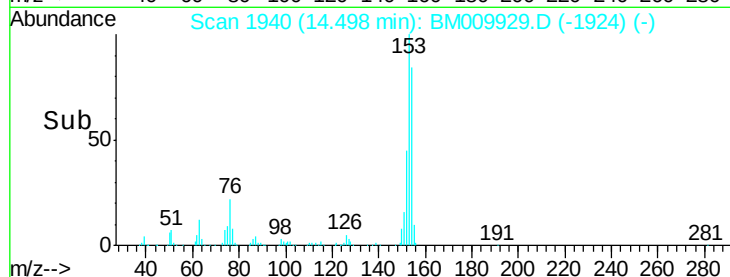
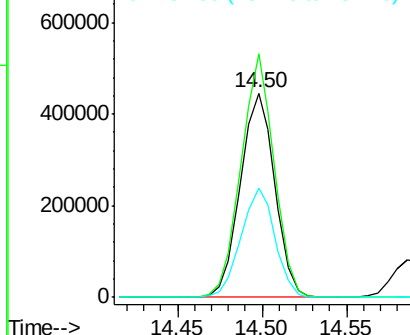
Tgt Ion:	154	Resp:	631674
Ion Ratio	Lower	Upper	
154	100		
153	119.3	90.0	135.0
152	53.3	42.6	63.8

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



#52

3-Nitroaniline

Concen: 18.46 ng

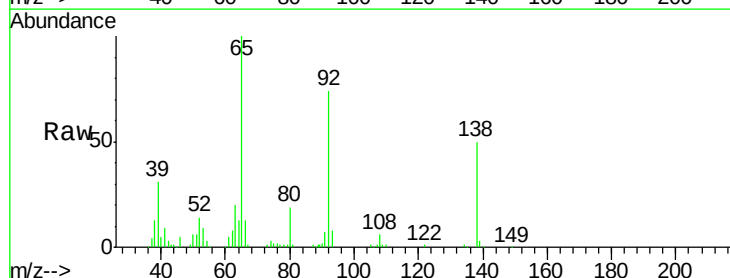
RT: 14.36 min Scan# 1917

Delta R.T. -0.01 min

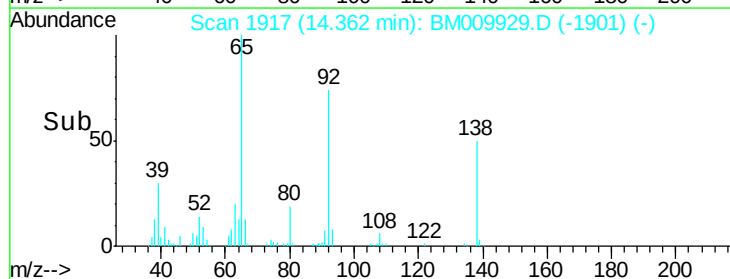
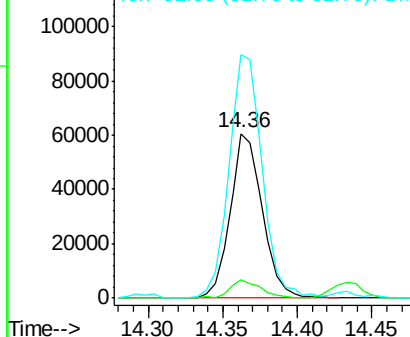
Lab File: BM009929.D

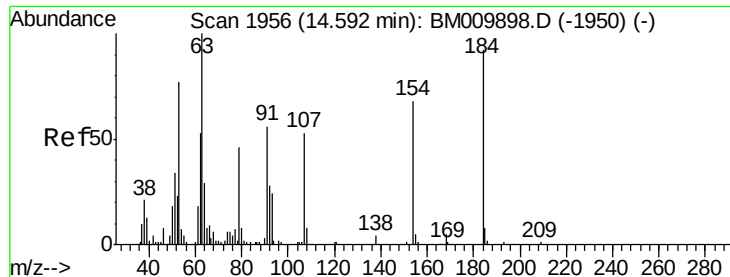
Acq: 06 May 2017 07:18

Tgt Ion:	138	Resp:	90986
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.3	10.9#
92	148.1	76.6	114.8#



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





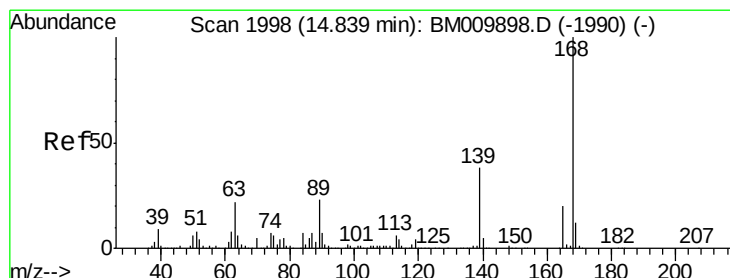
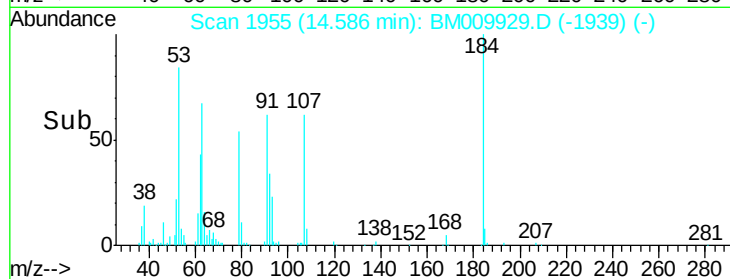
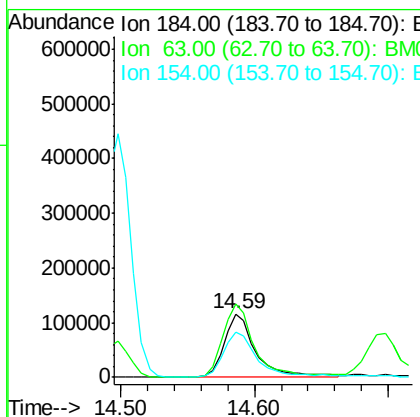
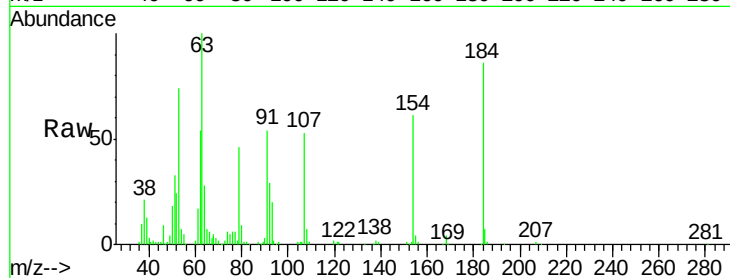
#53
2,4-Dinitrophenol
Concen: 73.46 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	191759		
63	116.9	69.2	103.8#	
154	71.7	53.3	79.9	

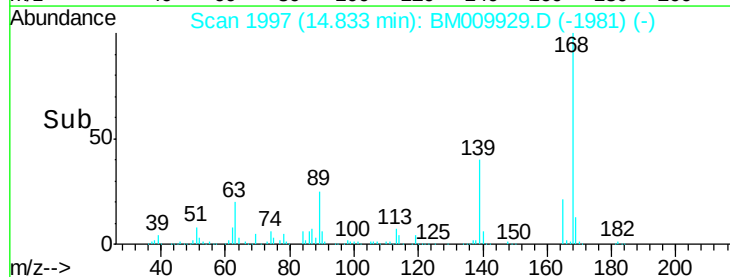
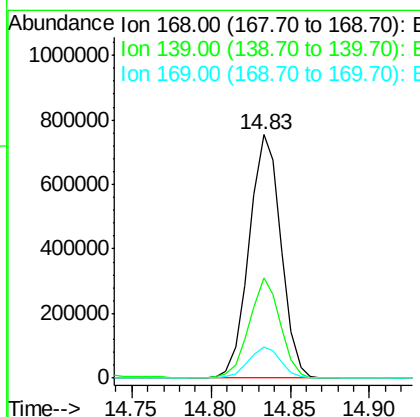
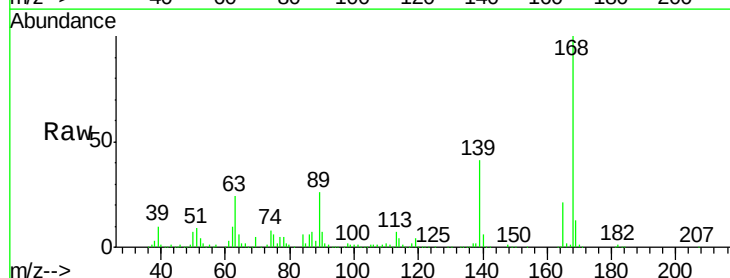
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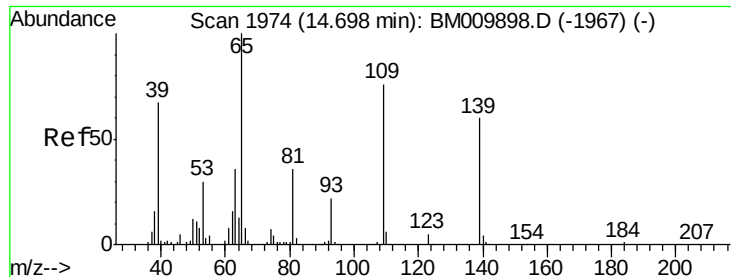
mohammad
5/8/2017 3:55:34 PM



#54
Dibenzofuran
Concen: 42.96 ng
RT: 14.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1050040		
139	41.2	27.3	40.9#	
169	12.9	10.6	16.0	





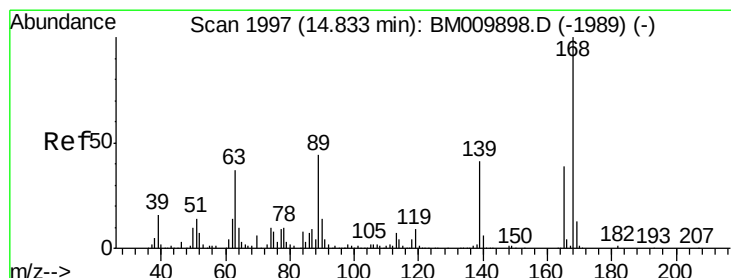
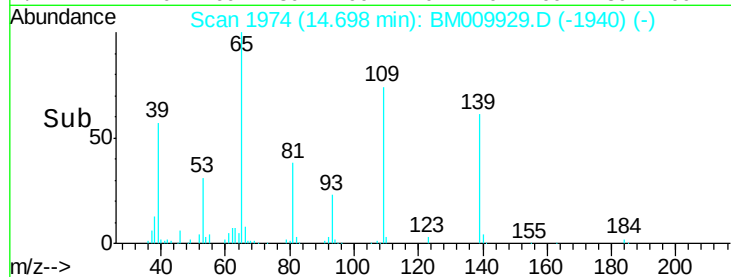
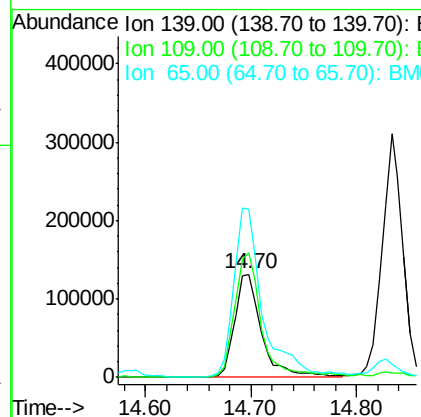
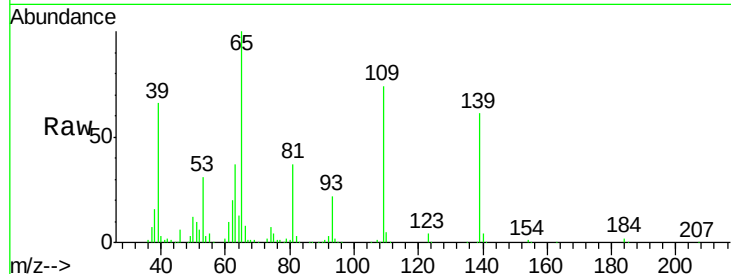
#55
4-Nitrophenol
Concen: 69.74 ng
RT: 14.70 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	230961		
109	120.7	37.7	77.7#	
65	163.4	49.9	89.9#	

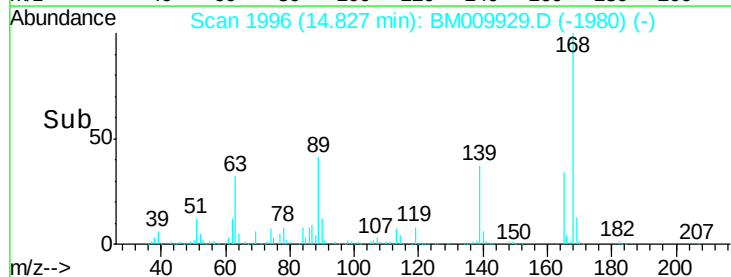
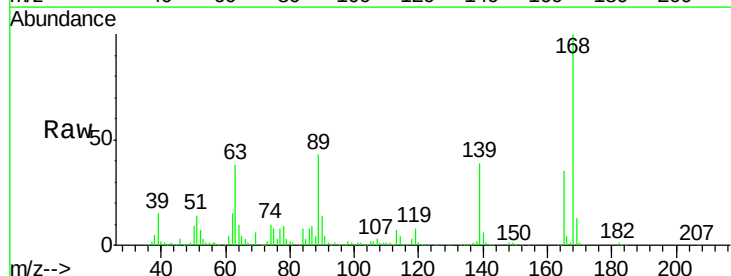
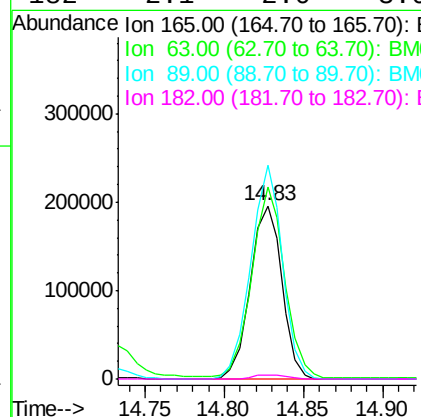
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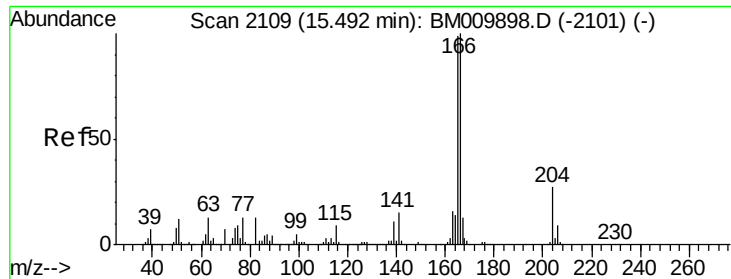
mohammad
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#56
2,4-Dinitrotoluene
Concen: 41.01 ng
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	271523		
63	110.6	52.4	78.6#	
89	123.2	72.4	108.6#	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 40.02 ng

RT: 15.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

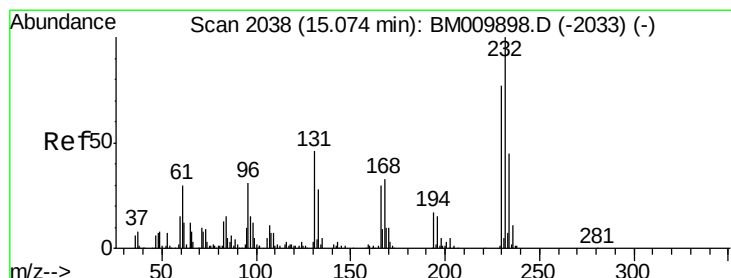
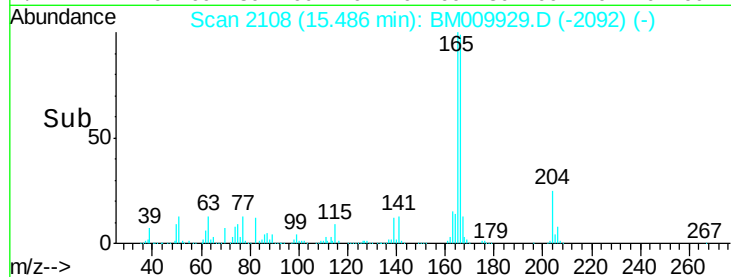
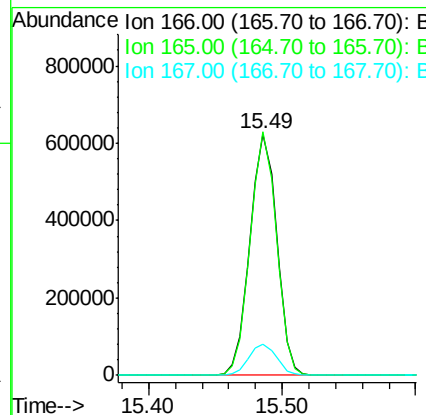
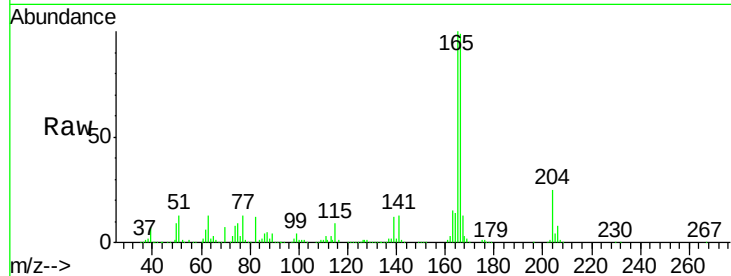
ClientSampleId :

PB98729BSD

Tgt Ion:	166	Resp:	863243
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.0	118.4
167	13.1	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.99 ng

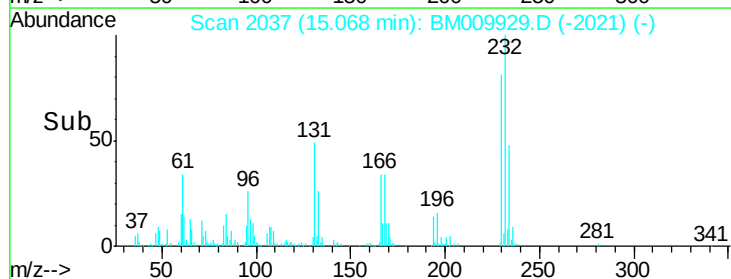
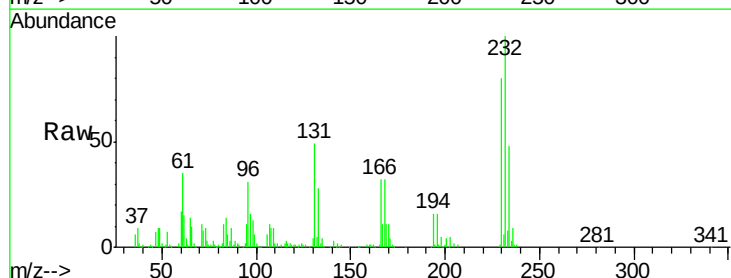
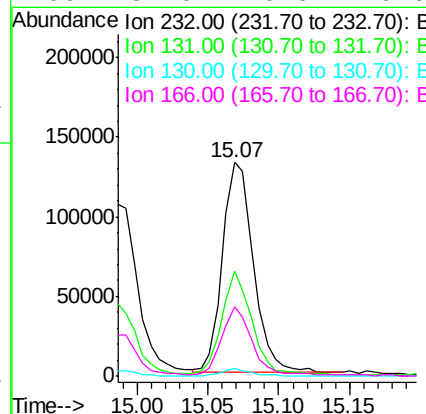
RT: 15.07 min Scan# 2037

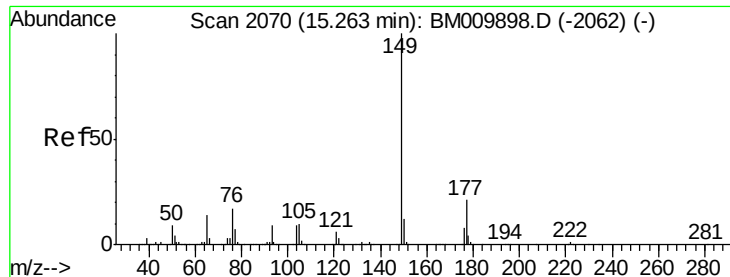
Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:	232	Resp:	201927
Ion Ratio	Lower	Upper	
232	100		
131	47.5	0.0	0.0#
130	3.2	0.0	0.0#
166	31.0	0.0	0.0#





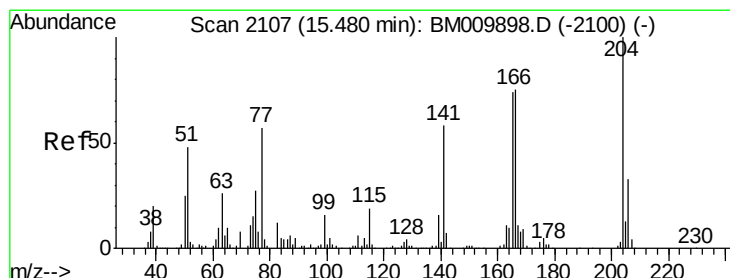
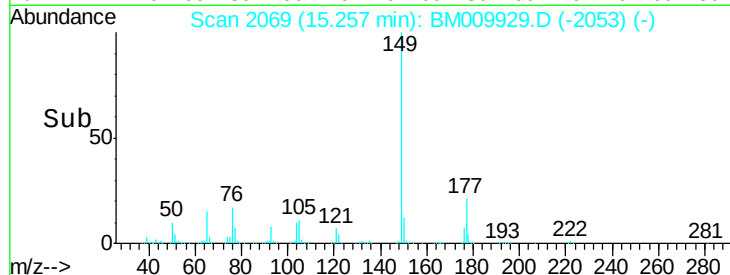
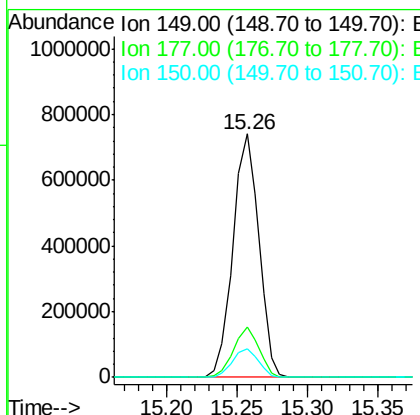
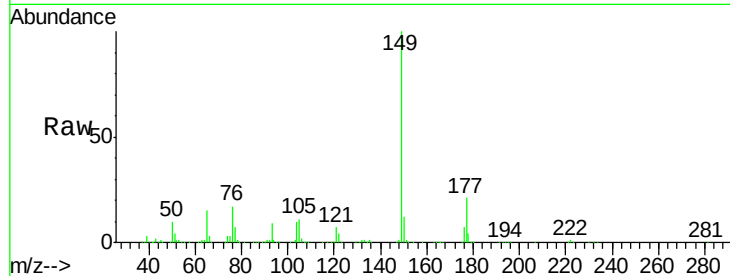
#59
Diethylphthalate
Concen: 37.96 ng
RT: 15.26 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	947178		
177	20.7	18.3	27.5	
150	11.9	9.8	14.8	

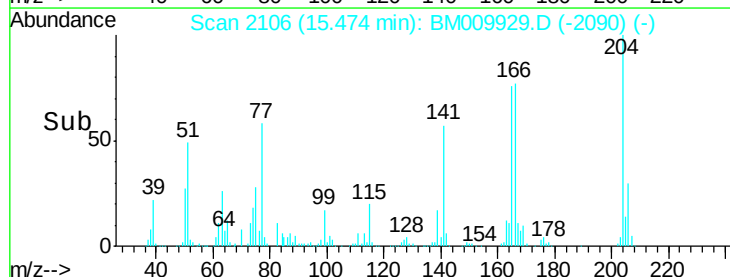
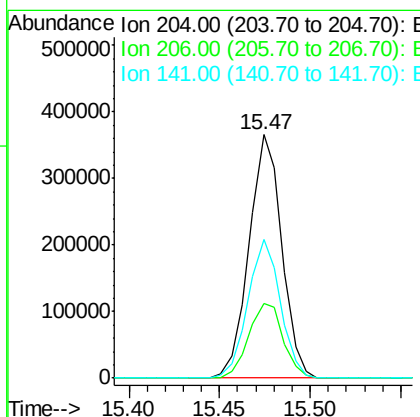
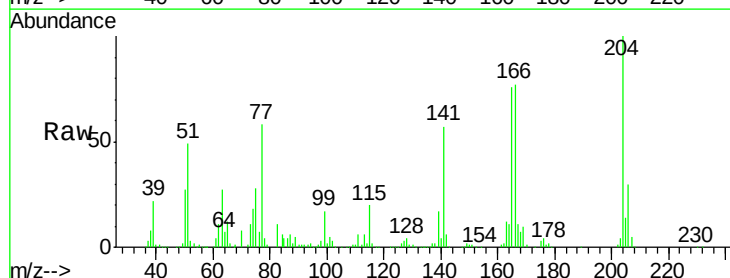
Manual Integrations
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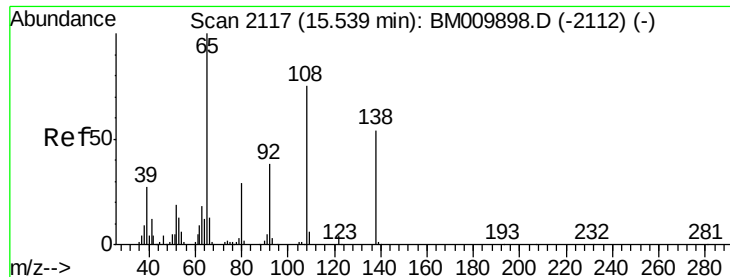
mohammad
5/8/2017 3:55:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.03 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	458116		
206	30.5	26.6	39.8	
141	56.8	45.2	67.8	





#61

4-Nitroaniline

Concen: 37.22 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

ClientSampleId :

PB98729BSD

Tgt Ion: 138 Resp: 183746
Ion Ratio Lower Upper

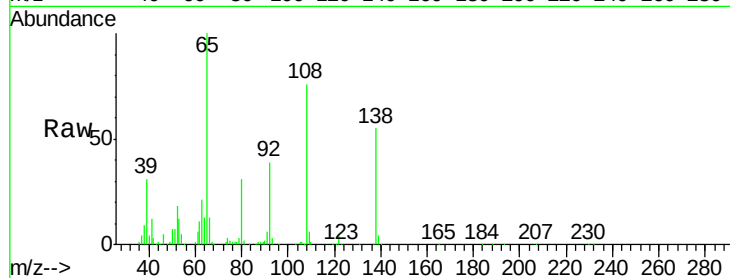
138 100

92 70.7 16.7 56.7#

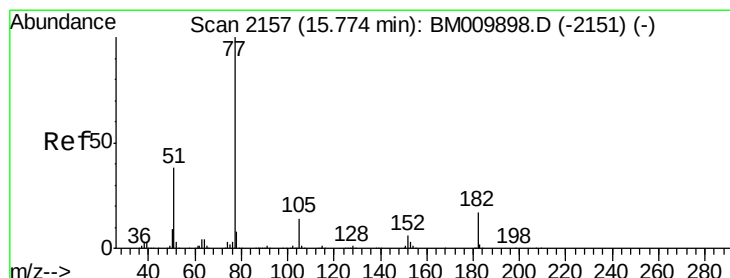
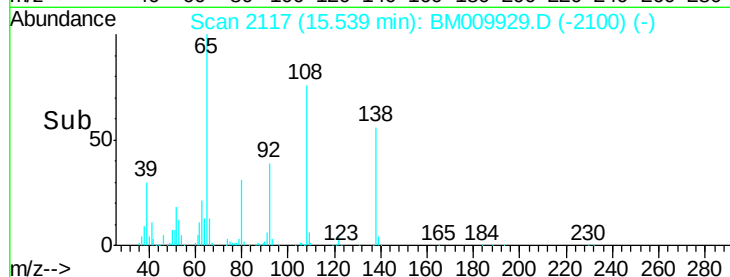
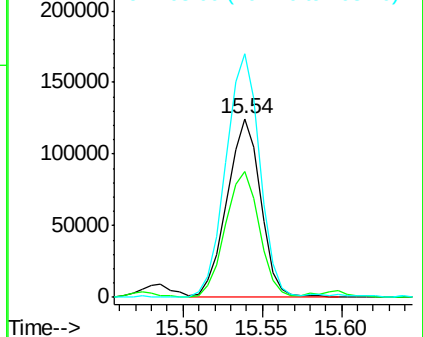
108 136.5 37.6 77.6#

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



#62

Azobenzene

Concen: 45.79 ng

RT: 15.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion: 77 Resp: 1273045
Ion Ratio Lower Upper

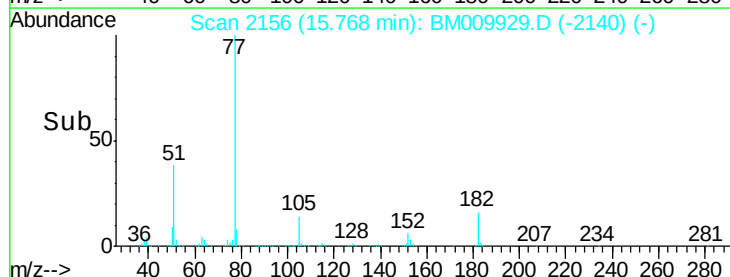
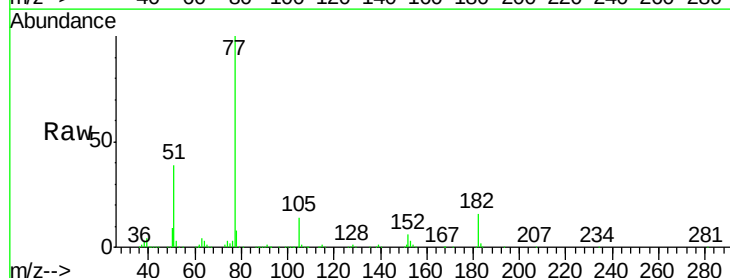
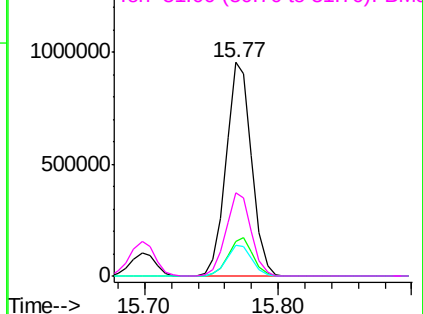
77 100

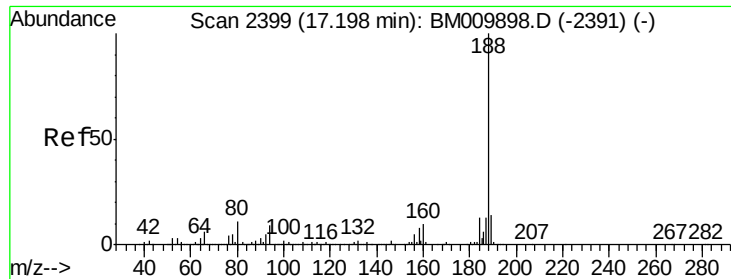
182 16.3 6.5 46.5

105 14.4 3.8 43.8

51 38.8 5.5 45.5

Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM





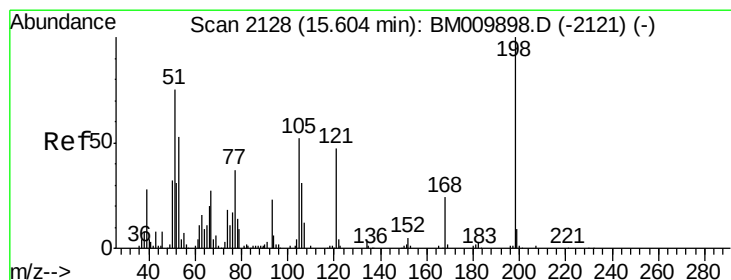
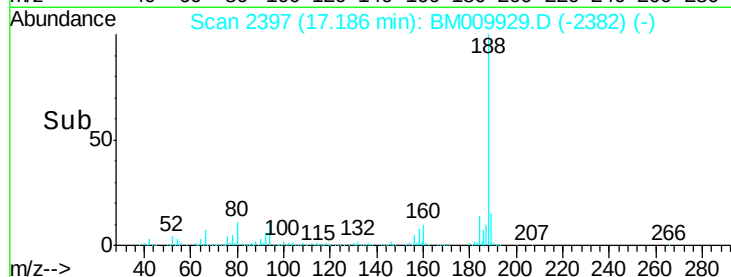
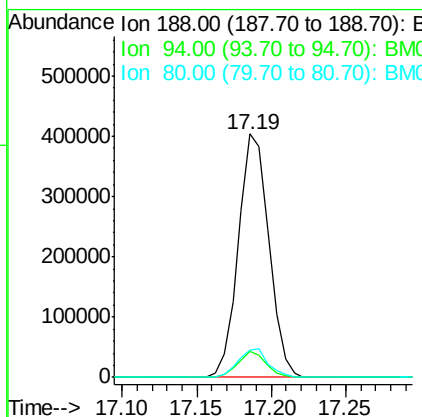
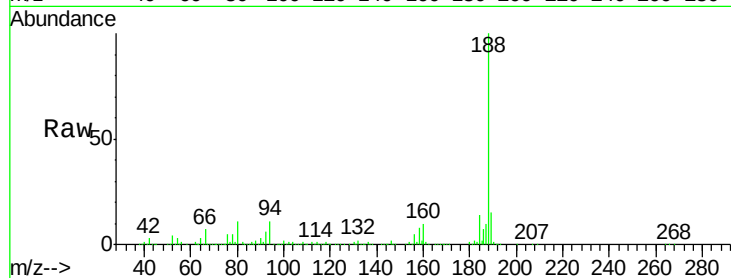
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	574792		
94	10.6	8.7	13.1	
80	11.0	9.3	13.9	

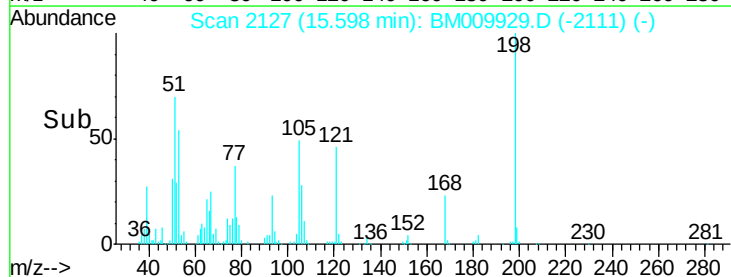
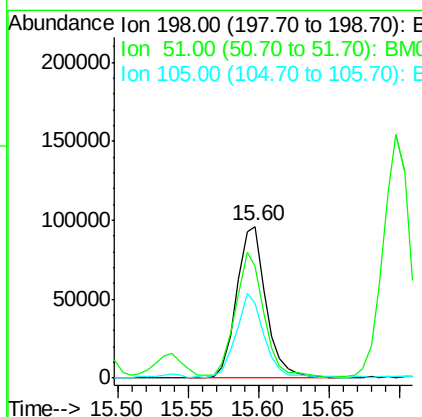
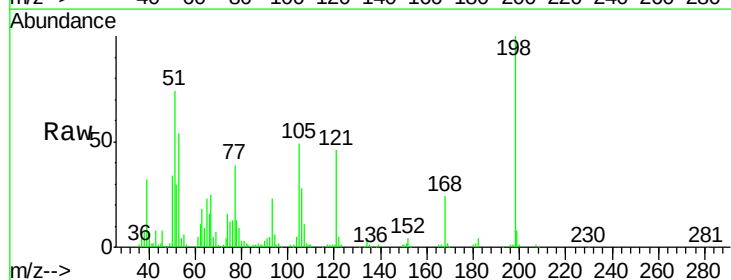
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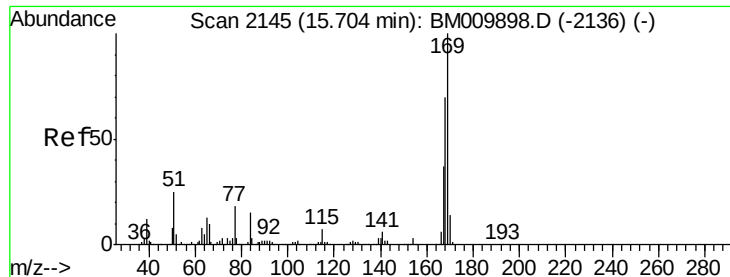
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.48 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	139531		
51	73.8	28.8	68.8#	
105	49.0	30.5	70.5	





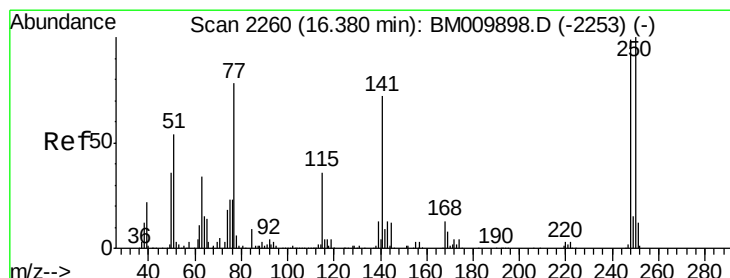
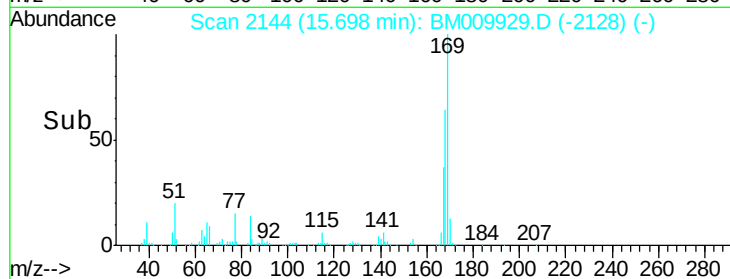
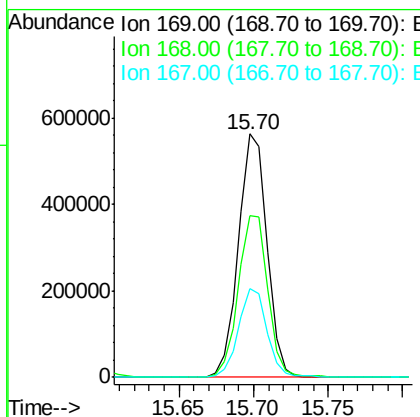
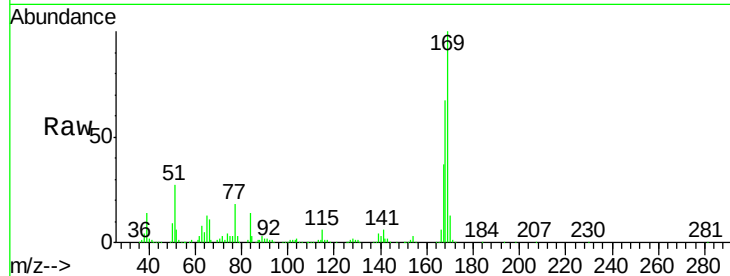
#65
n-Nitrosodiphenylamine
Concen: 41.09 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	748505		
168	66.5	53.9	80.9	
167	36.6	28.9	43.3	

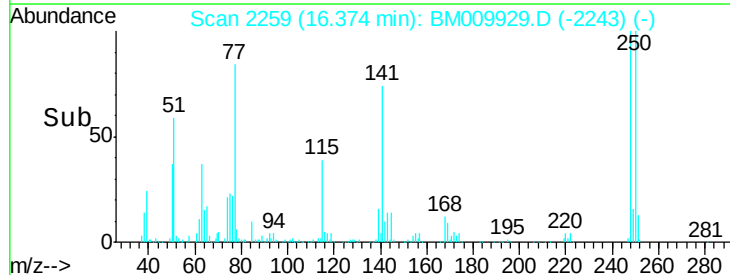
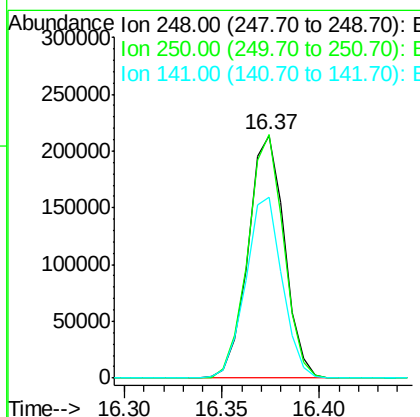
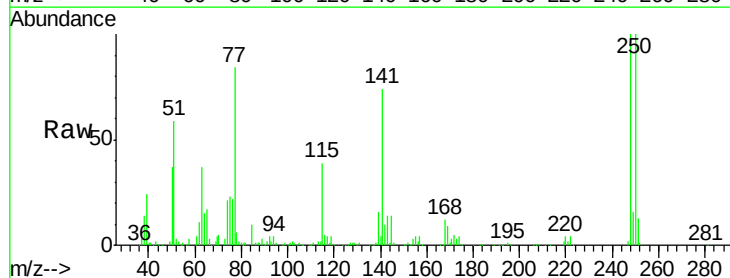
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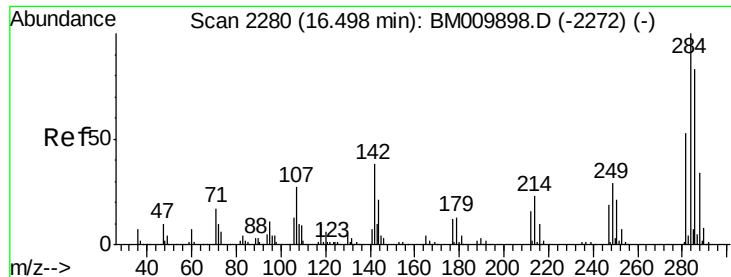
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#66
4-Bromophenyl-phenylether
Concen: 40.86 ng
RT: 16.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	274706		
250	100.4	77.4	116.0	
141	74.7	45.2	67.8	





#67

Hexachlorobenzene

Concen: 38.46 ng

RT: 16.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

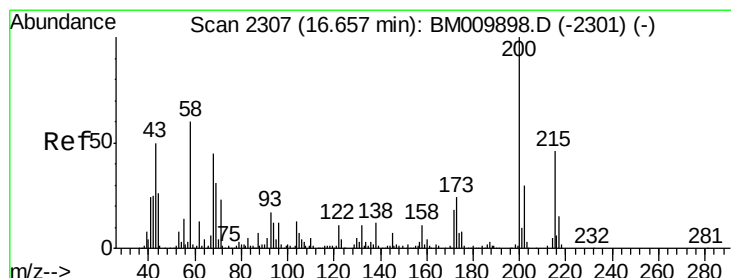
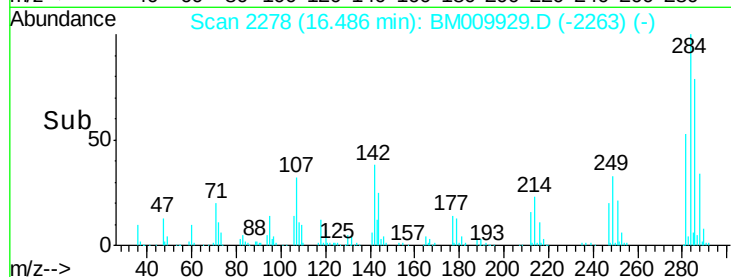
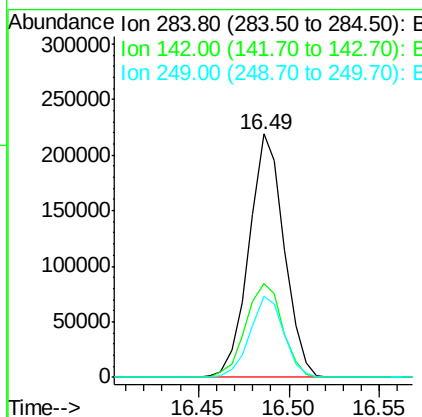
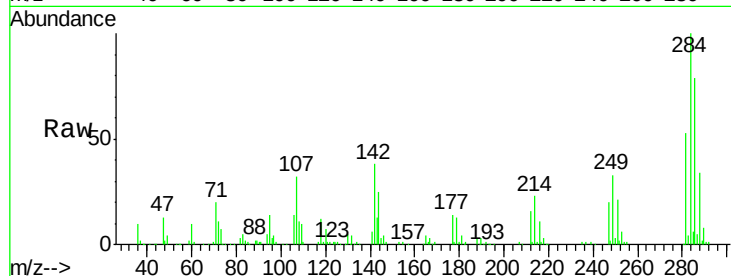
ClientSampleId :

PB98729BSD

Tgt Ion:	284	Resp:	294535
Ion Ratio		Lower	Upper
284	100		
142	38.3	20.4	30.6#
249	33.3	23.8	35.6

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#68

Atrazine

Concen: 40.30 ng

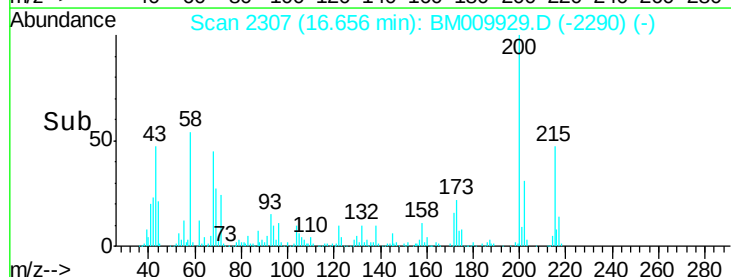
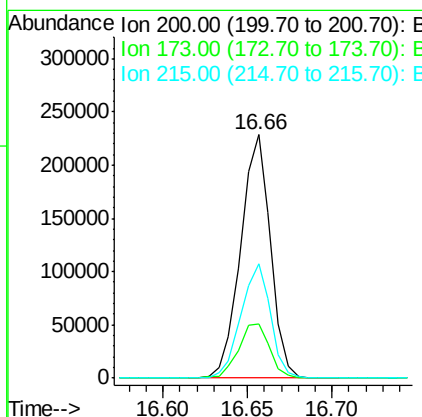
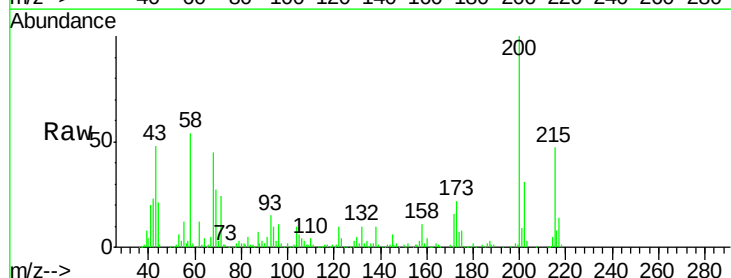
RT: 16.66 min Scan# 2307

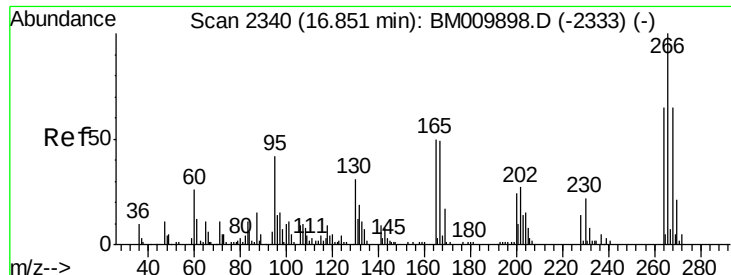
Delta R.T. -0.00 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:	200	Resp:	281172
Ion Ratio		Lower	Upper
200	100		
173	22.3	4.8	44.8
215	46.8	26.9	66.9





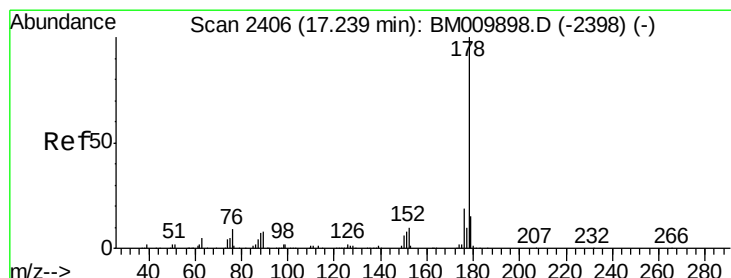
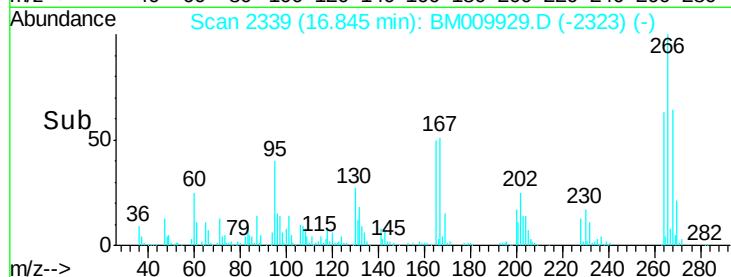
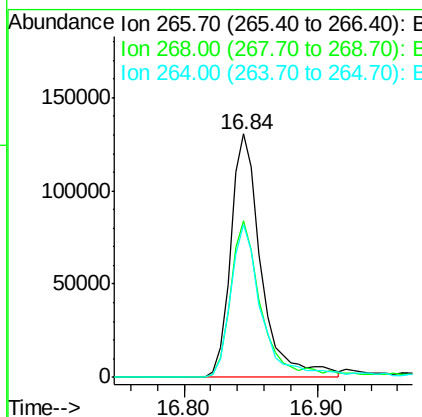
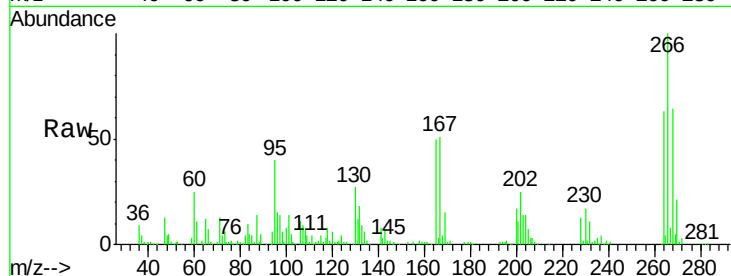
#69
 Pentachlorophenol
 Concen: 62.06 ng
 RT: 16.84 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	207744		
268	64.4	52.0	78.0	
264	62.9	49.0	73.4	

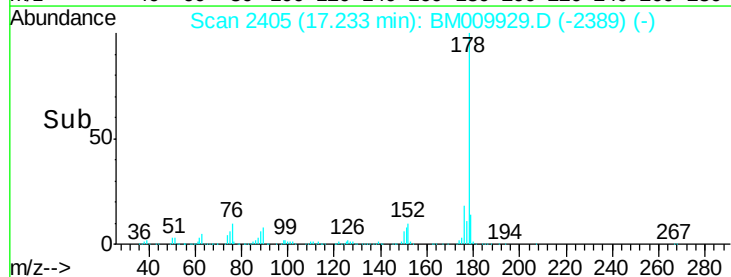
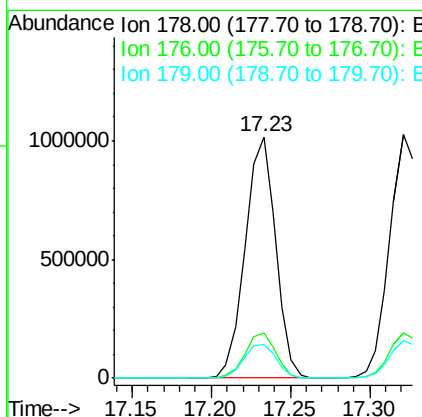
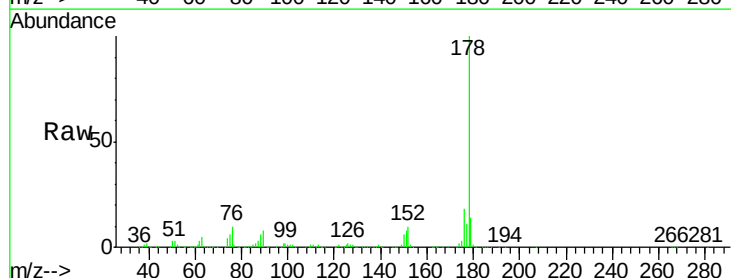
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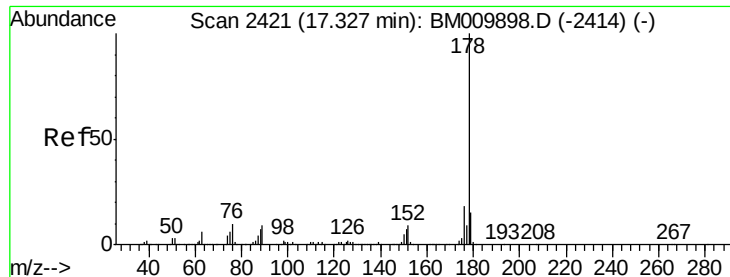
mohammad
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#70
 Phenanthrene
 Concen: 40.72 ng
 RT: 17.23 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1355063		
176	18.5	15.2	22.8	
179	14.1	12.1	18.1	





#71

Anthracene

Concen: 41.43 ng

RT: 17.32 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

ClientSampleId :

PB98729BSD

Tgt Ion:178 Resp: 1390299

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

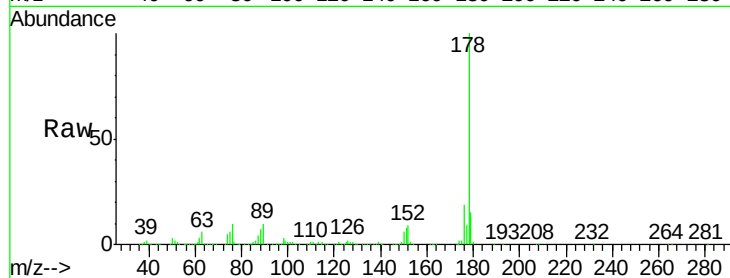
179 15.4 12.6 19.0

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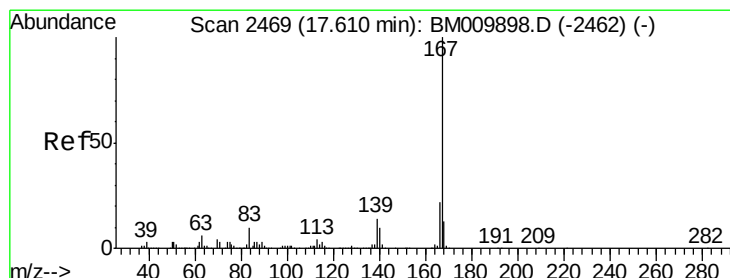
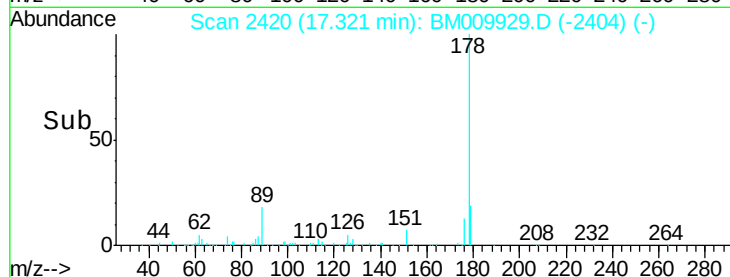
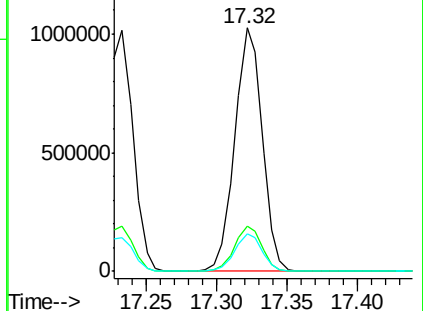
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.17 ng

RT: 17.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

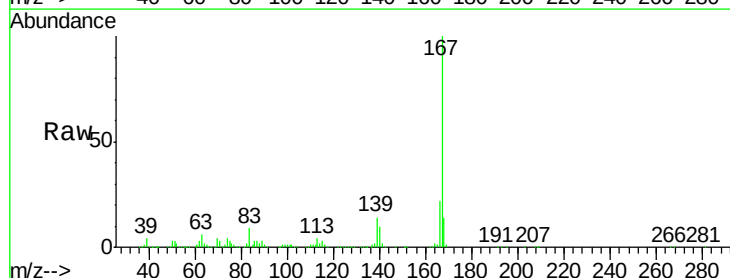
Tgt Ion:167 Resp: 1252196

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

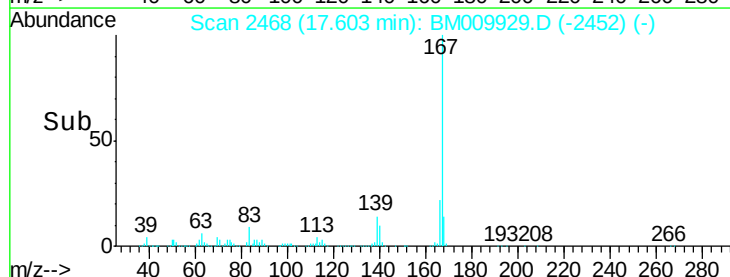
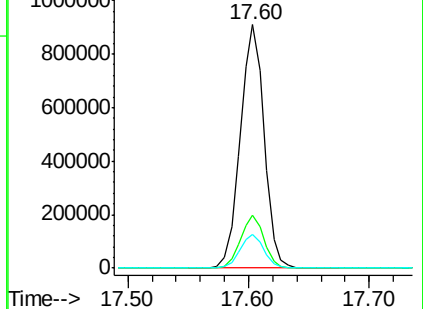
139 13.6 10.8 16.2

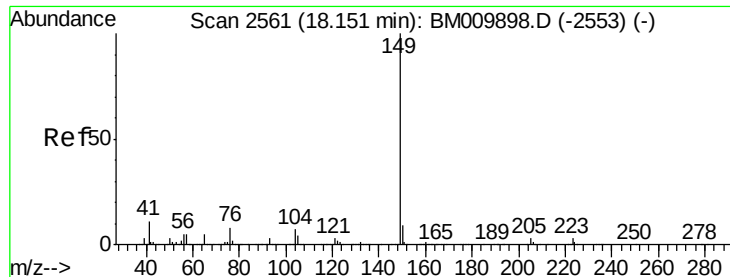


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.02 ng

RT: 18.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

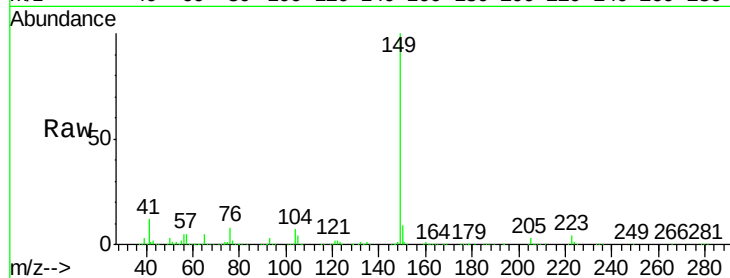
ClientSampleId :

PB98729BSD

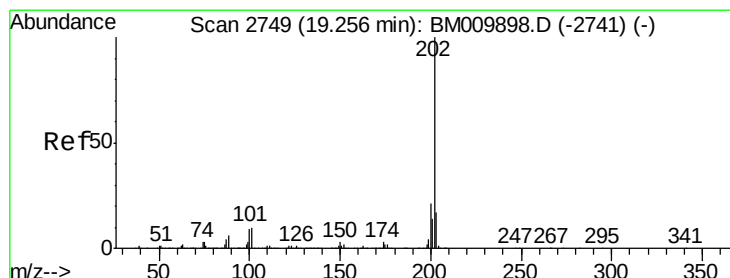
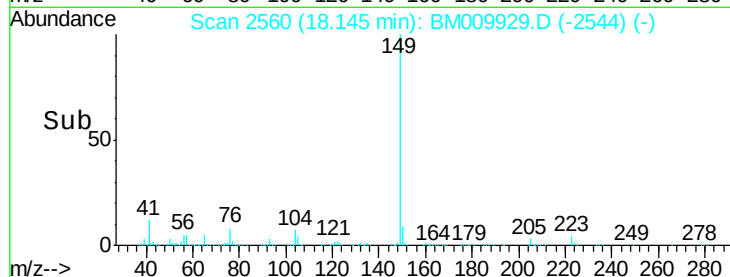
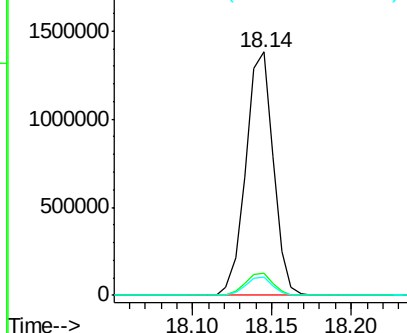
Tgt Ion:	149	Resp:	1661310
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.5	11.3
104	7.4	3.7	5.5#

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



#74

Fluoranthene

Concen: 39.19 ng

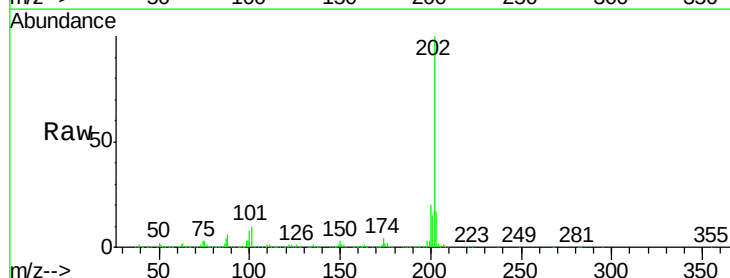
RT: 19.25 min Scan# 2748

Delta R.T. -0.01 min

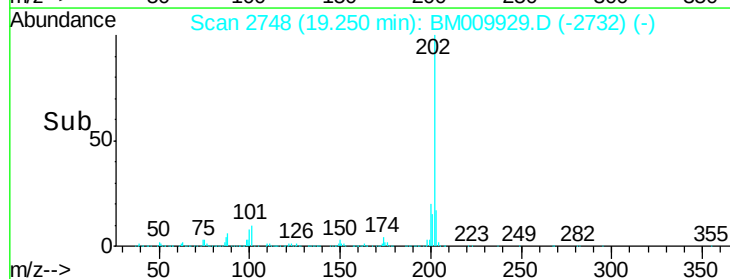
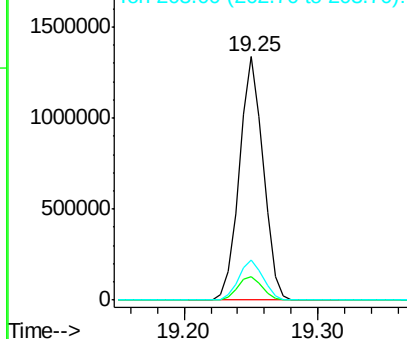
Lab File: BM009929.D

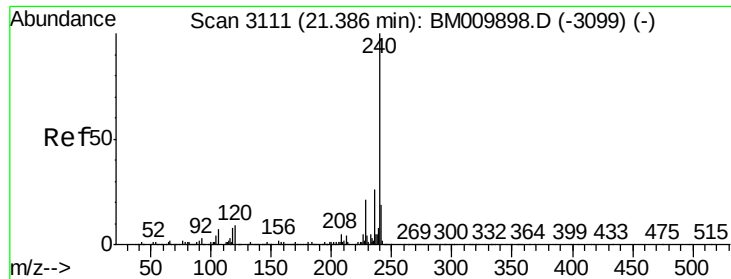
Acq: 06 May 2017 07:18

Tgt Ion:	202	Resp:	1646030
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	28.7
203	16.7	0.0	37.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Instrument :

BNA_M

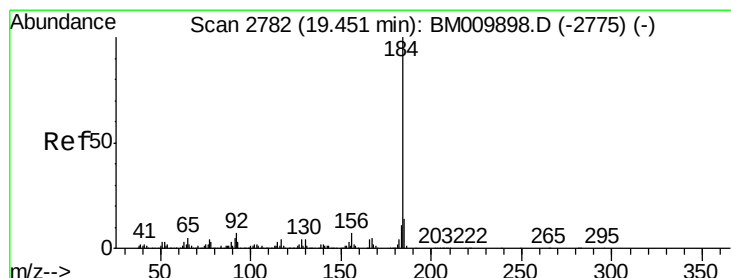
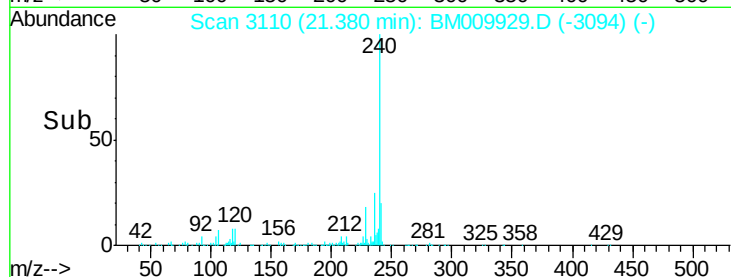
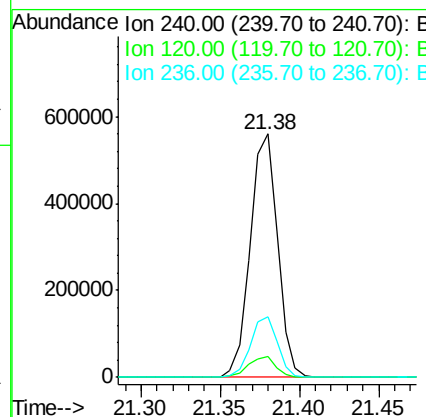
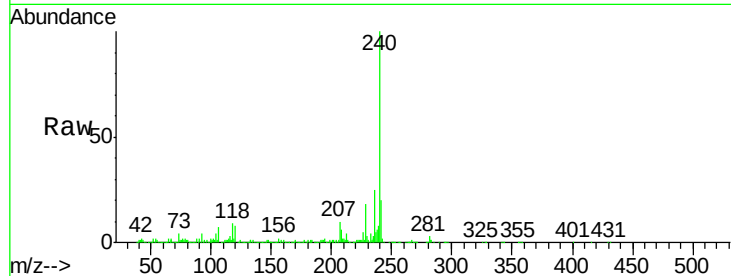
ClientSampleId :

PB98729BSD

Tgt Ion:	240	Resp:	671977
Ion Ratio	Lower	Upper	
240	100		
120	8.3	8.2	12.2
236	24.8	20.0	30.0

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#76

Benzidine

Concen: 28.93 ng

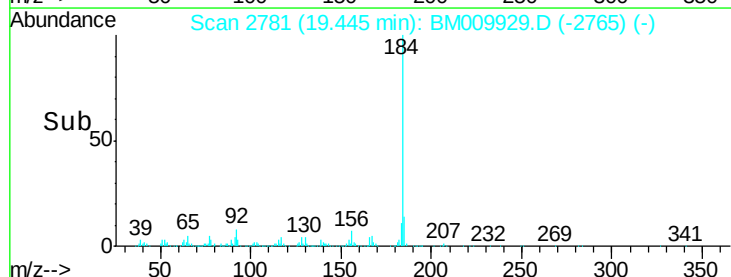
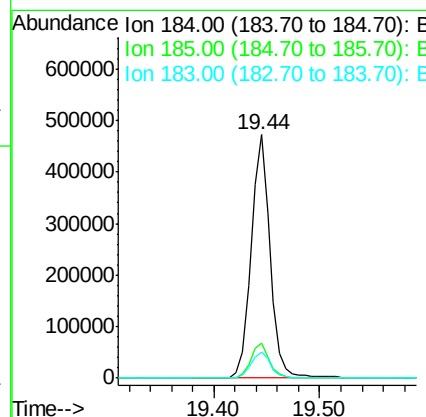
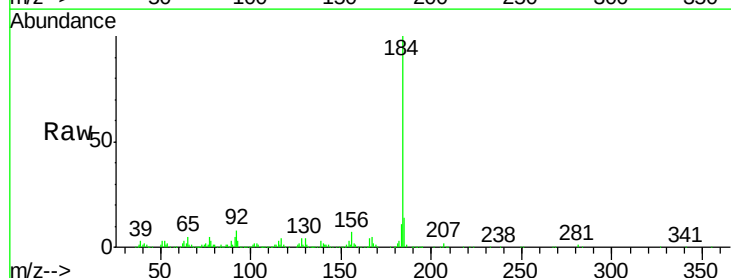
RT: 19.44 min Scan# 2781

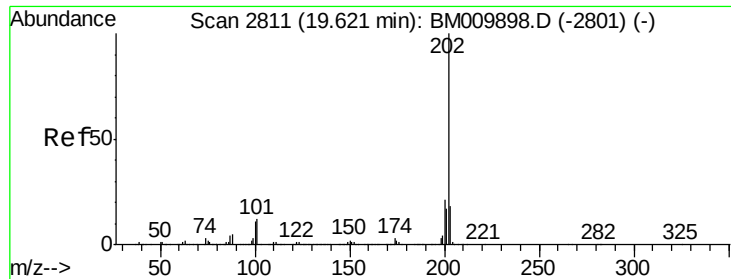
Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion:	184	Resp:	586359
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.3	16.9
183	10.9	8.9	13.3





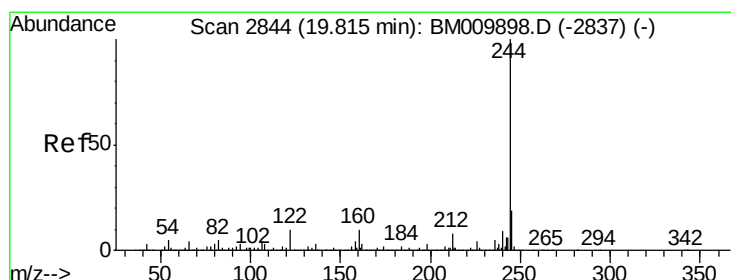
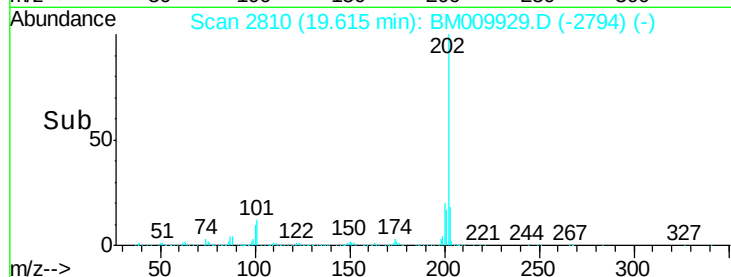
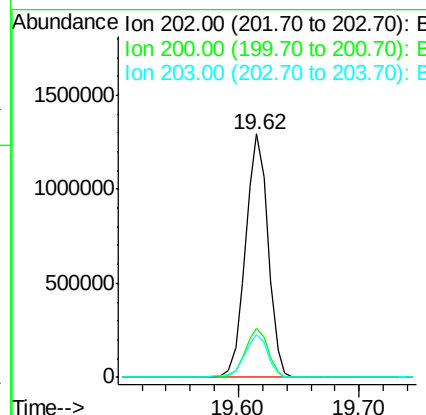
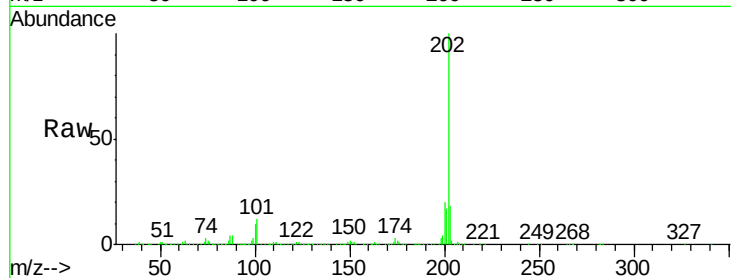
#77
 Pyrene
 Concen: 42.00 ng
 RT: 19.62 min Scan# 2810
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.7	14.1	21.1

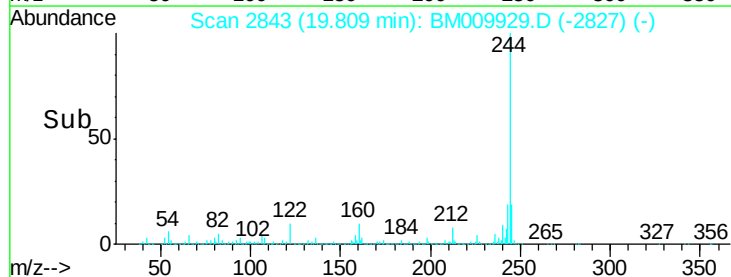
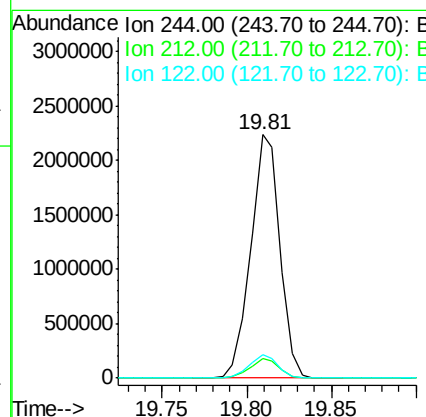
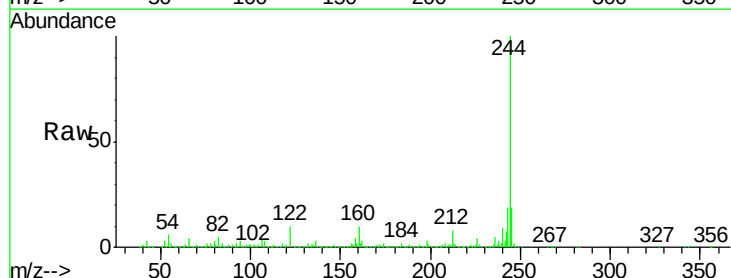
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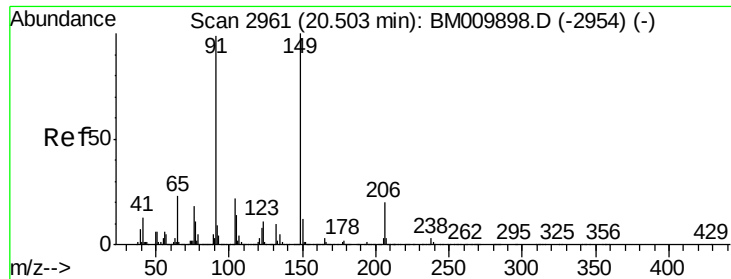
mohammad
 5/8/2017 3:55:34 PM



#78
 Terphenyl-d14
 Concen: 82.00 ng
 RT: 19.81 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	9.6	6.2	9.4#





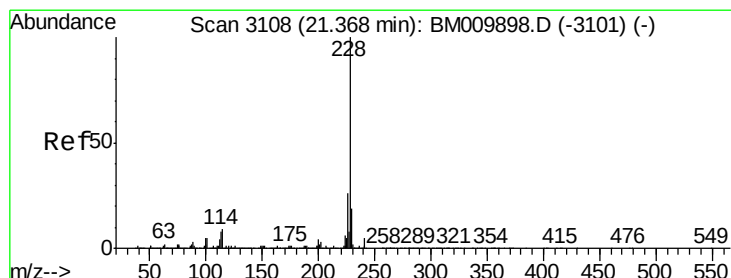
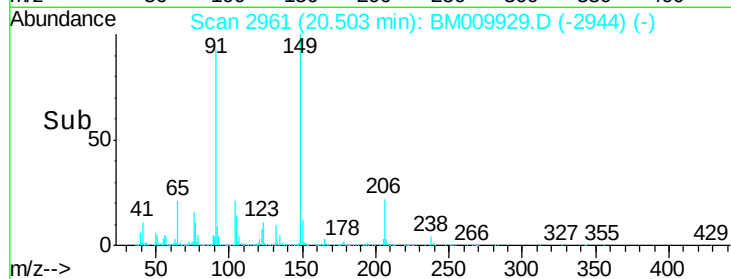
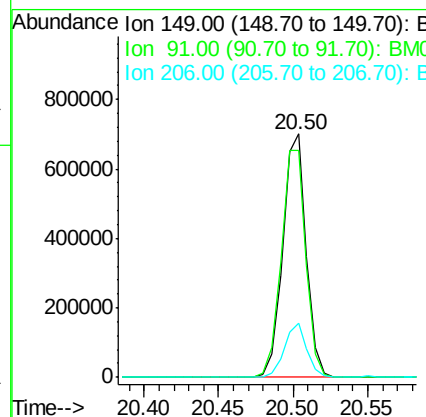
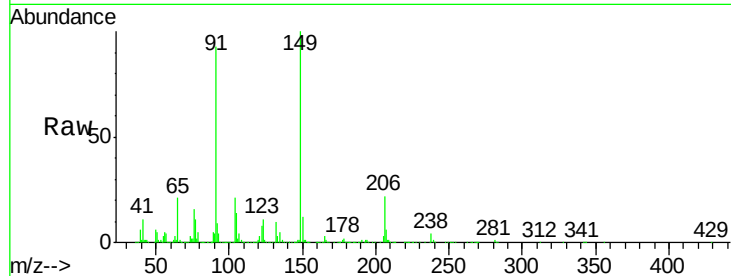
#79
Butylbenzylphthalate
Concen: 39.50 ng
RT: 20.50 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	764669		
91	93.3	50.1	75.1#	
206	22.1	16.2	24.2	

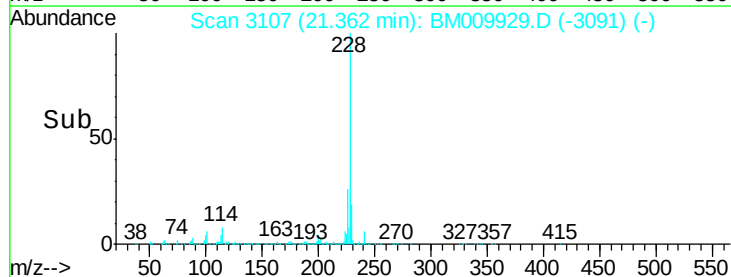
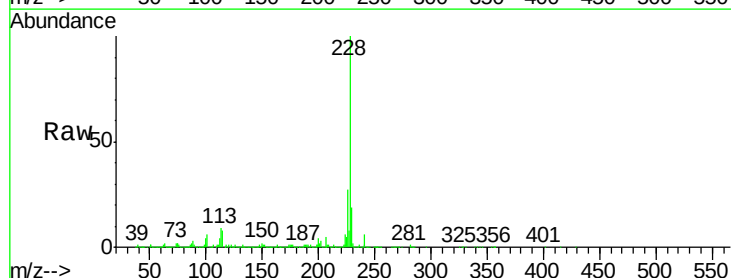
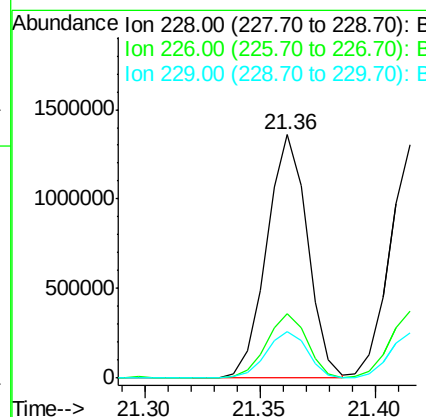
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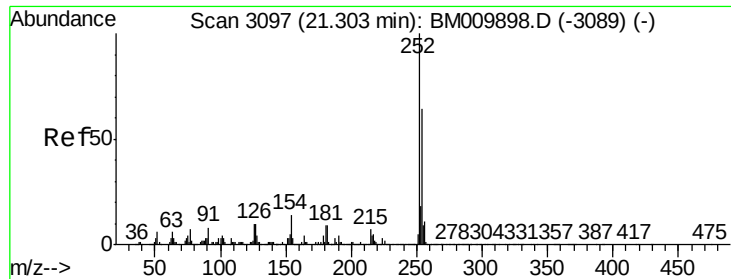
mohammad
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#80
Benzo(a)anthracene
Concen: 41.13 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1664849		
226	26.5	21.7	32.5	
229	19.1	16.0	24.0	





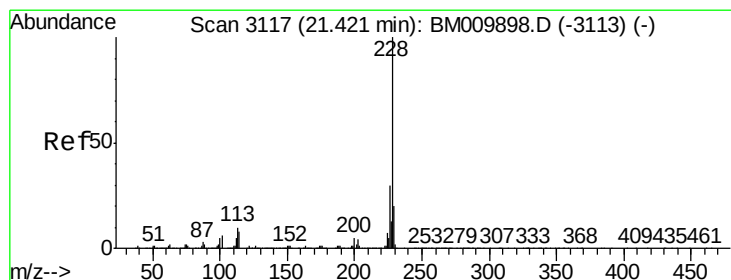
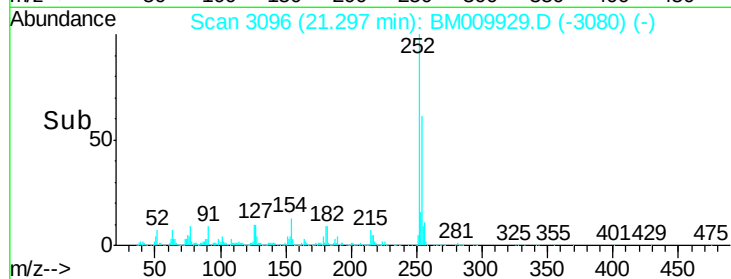
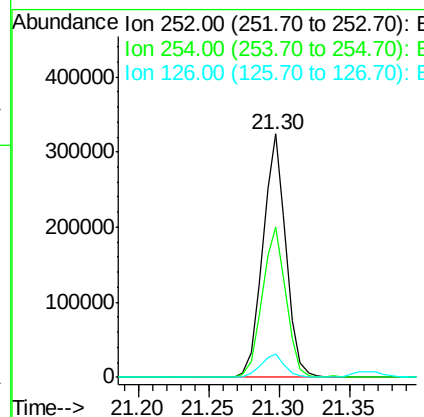
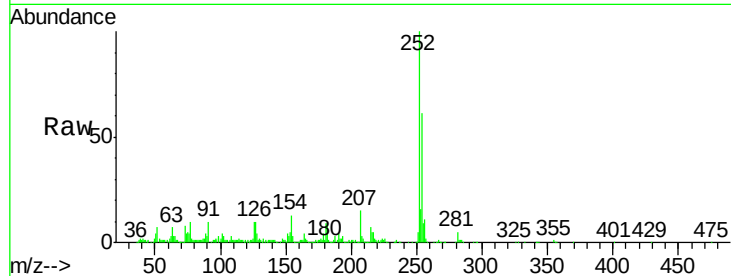
#81
 3,3'-Dichlorobenzidine
 Concen: 23.19 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	373061		
254	61.4	51.9	77.9	
126	9.8	9.8	14.8	

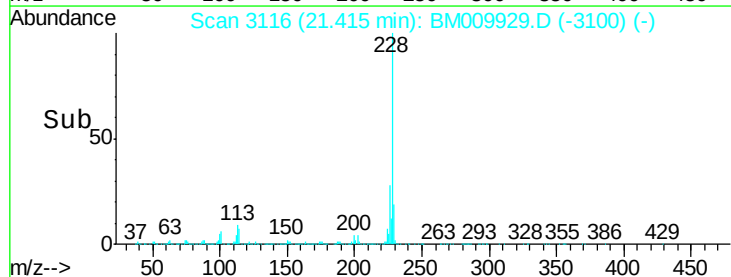
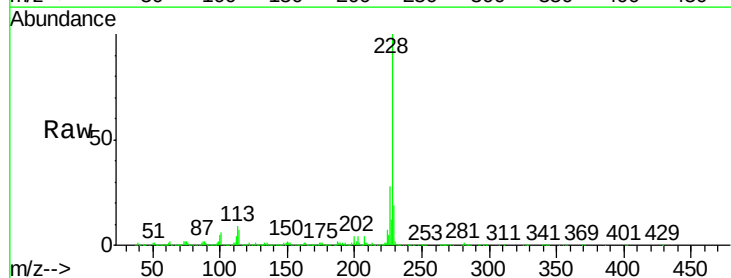
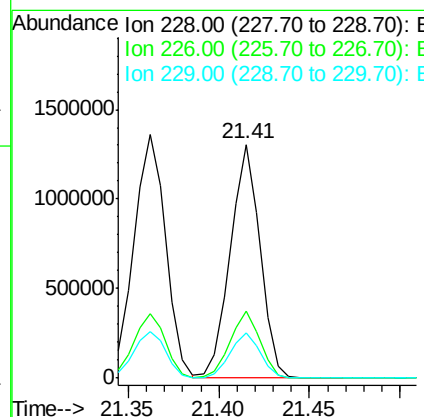
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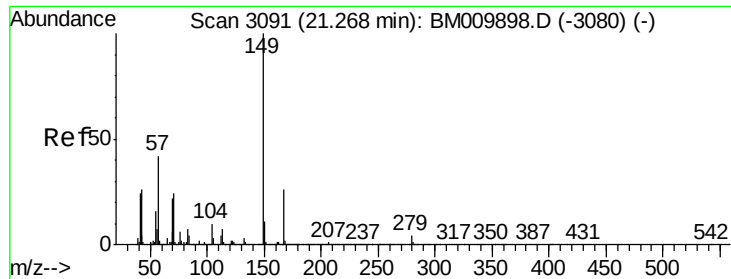
mohammad
 5/8/2017 3:55:34 PM



#82
 Chrysene
 Concen: 39.26 ng
 RT: 21.41 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1493746		
226	28.4	24.1	36.1	
229	19.2	15.5	23.3	





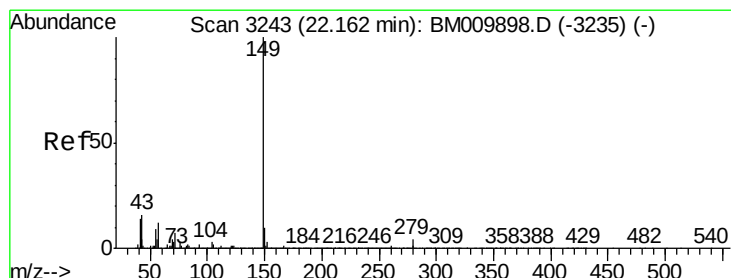
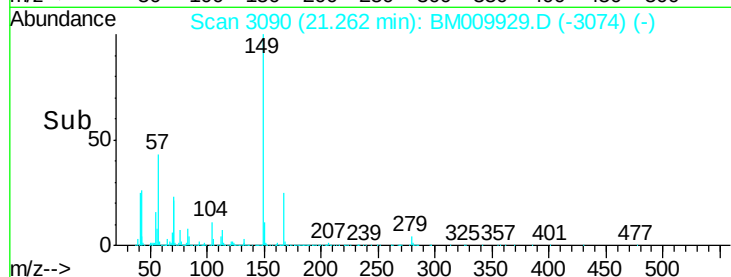
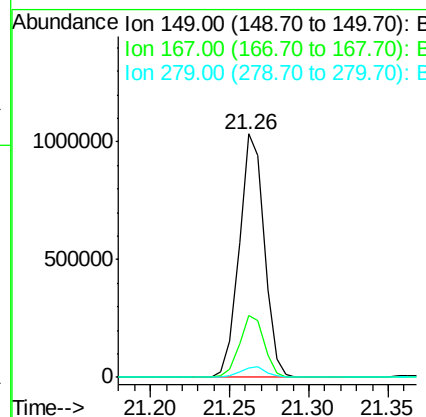
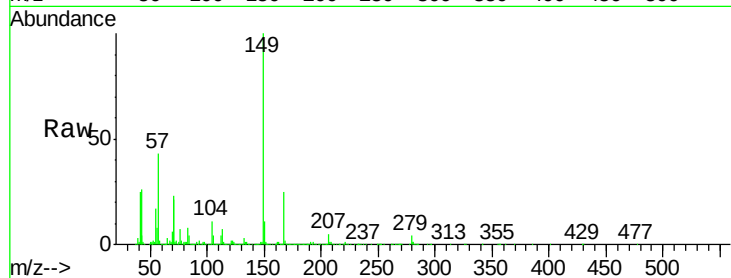
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.78 ng
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.4	33.6
279	3.9	3.4	5.0

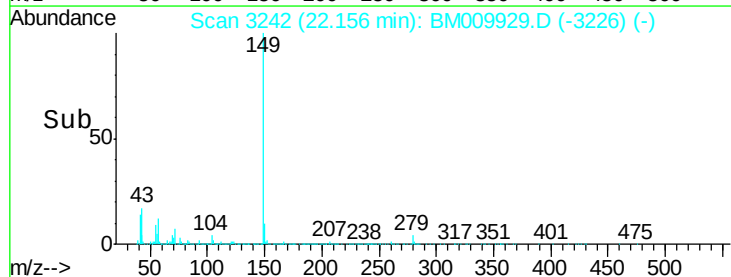
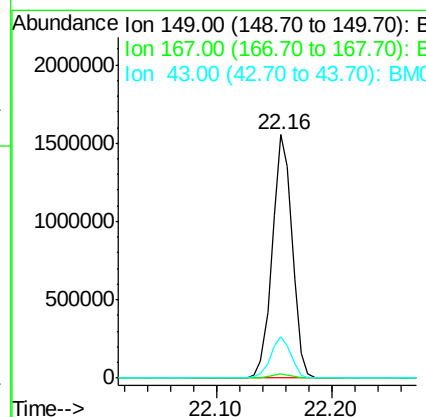
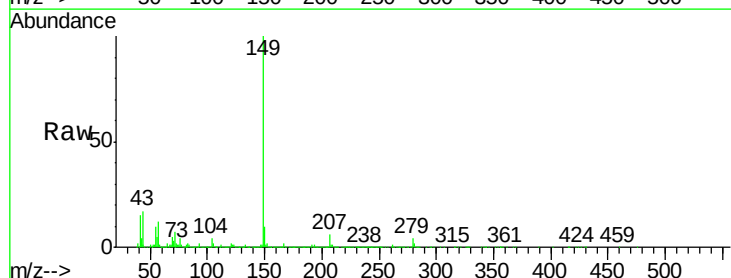
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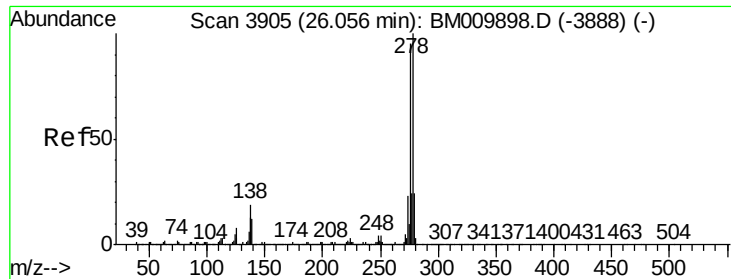
mohammad
 5/8/2017 3:55:34 PM



#84
 Di-n-octyl phthalate
 Concen: 36.17 ng
 RT: 22.16 min Scan# 3242
 Delta R.T. -0.01 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	17.0	7.3	10.9





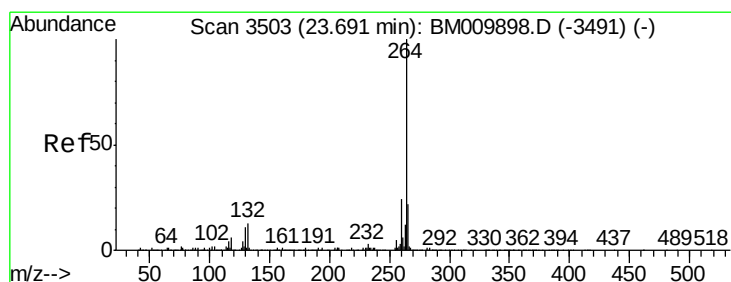
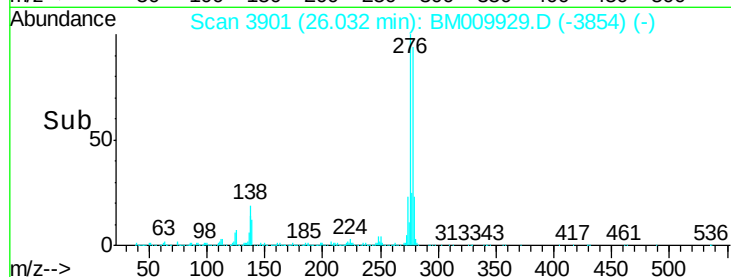
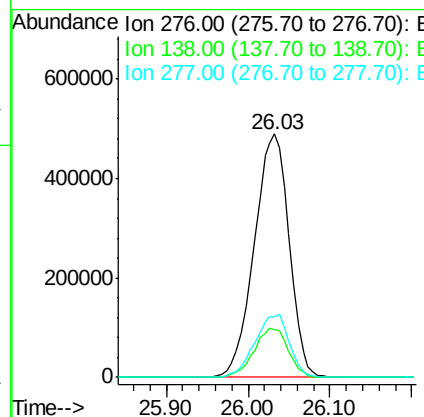
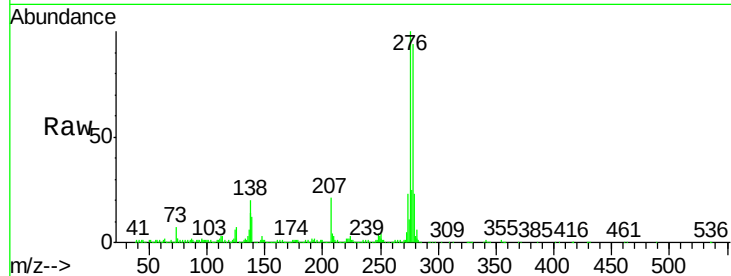
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.76 ng
RT: 26.03 min Scan# 3901
Delta R.T. -0.02 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1448581		
138	19.9	0.0	0.0	0.0
277	25.6	0.0	0.0	0.0

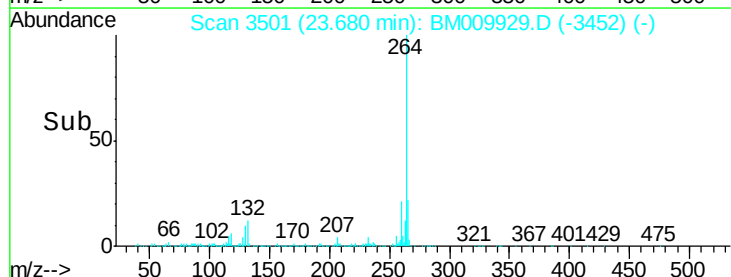
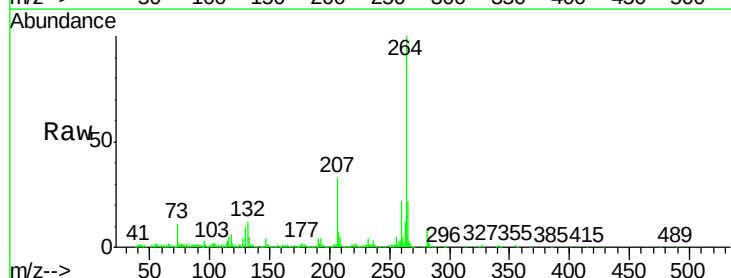
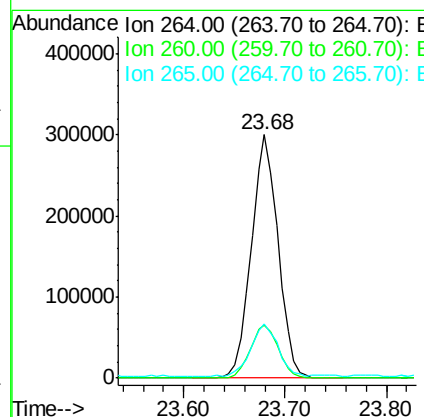
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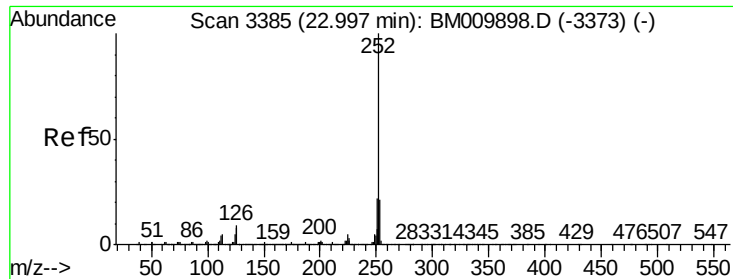
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.68 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	549671		
260	21.6	18.6	27.8	
265	22.1	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 43.98 ng

RT: 22.99 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

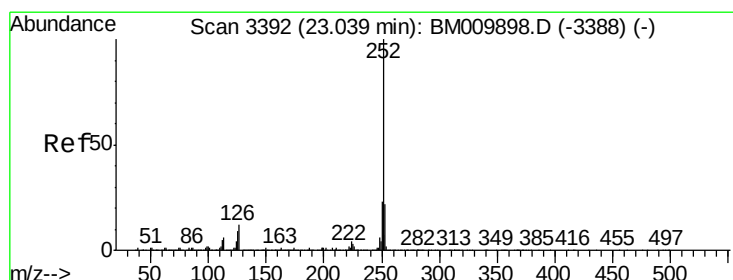
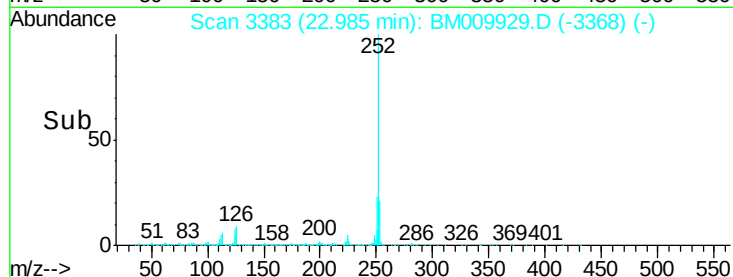
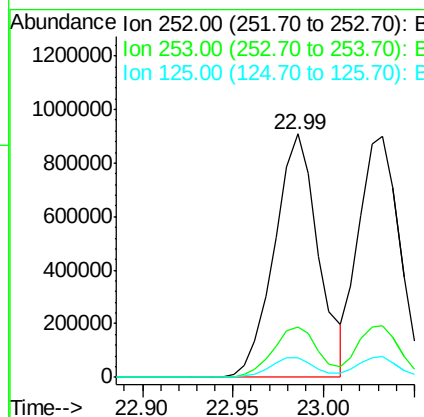
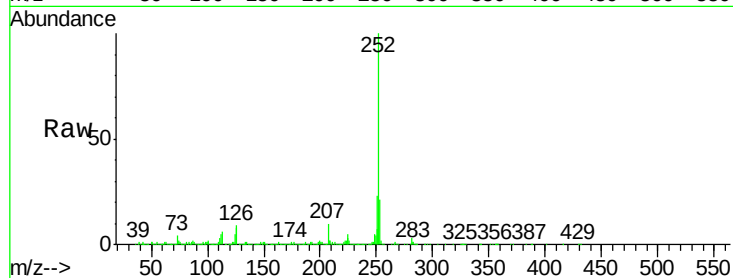
Instrument :
BNA_M

ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.0	27.0
125	8.1	9.9	14.9

Manual Integrations
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5/8/2017 3:55:34 PM



#88

Benzo(k)fluoranthene

Concen: 41.26 ng

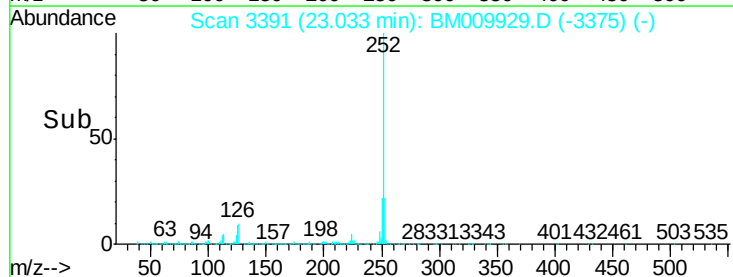
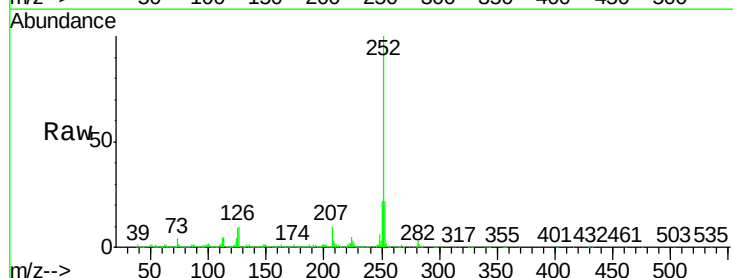
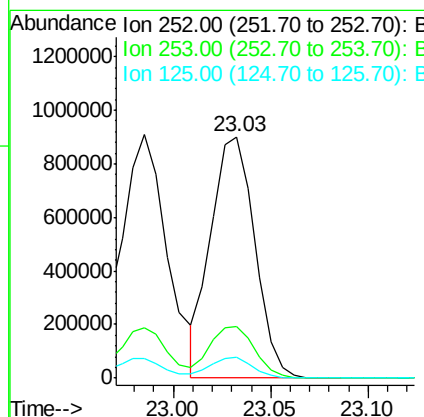
RT: 23.03 min Scan# 3391

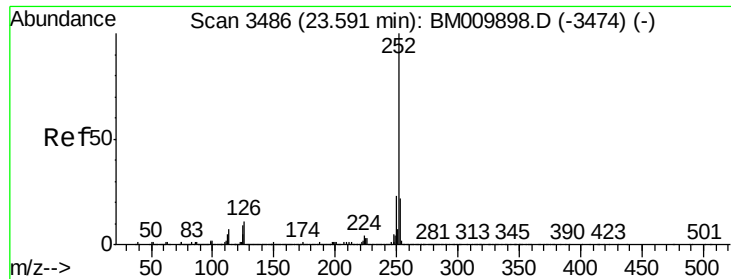
Delta R.T. -0.01 min

Lab File: BM009929.D

Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.7	8.1	12.1





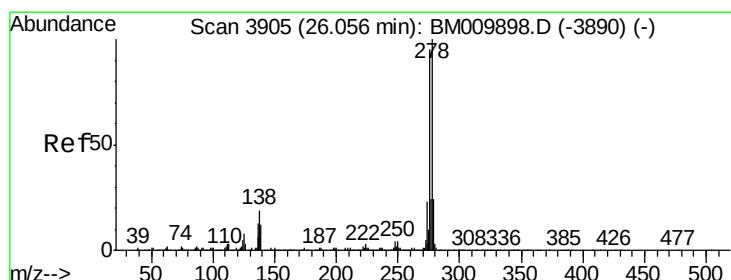
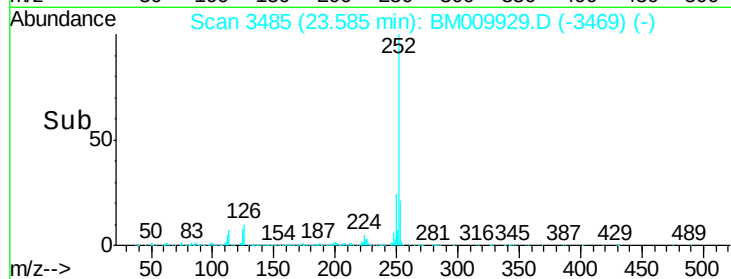
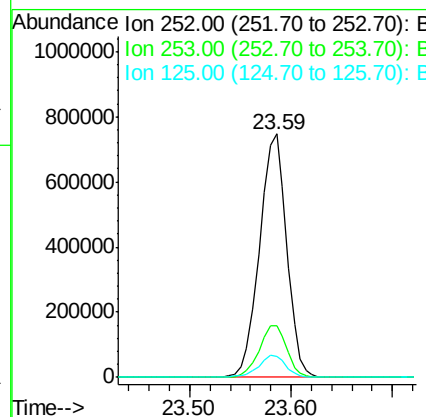
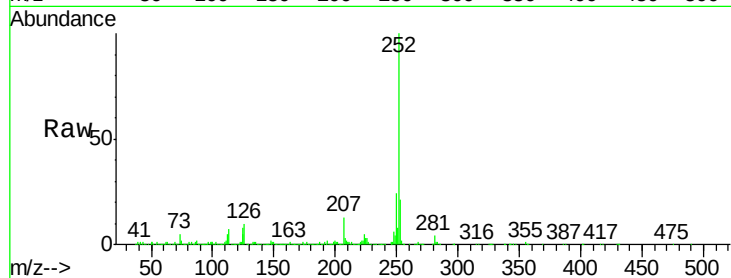
#89
Benzo(a)pyrene
Concen: 42.05 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	8.5	7.4	11.2

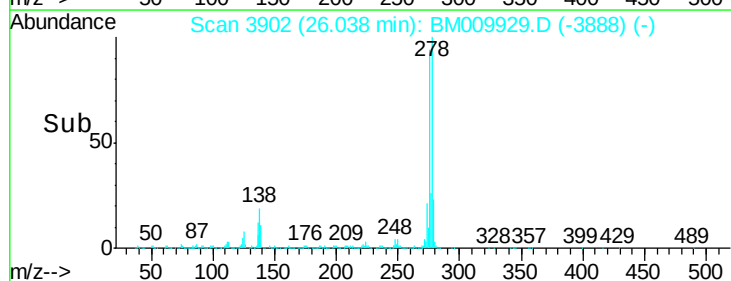
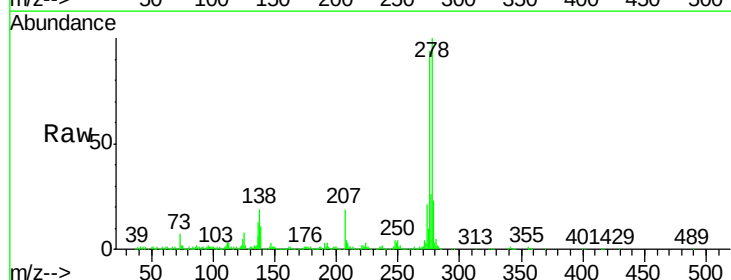
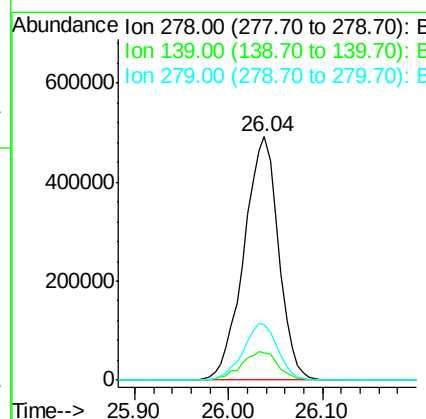
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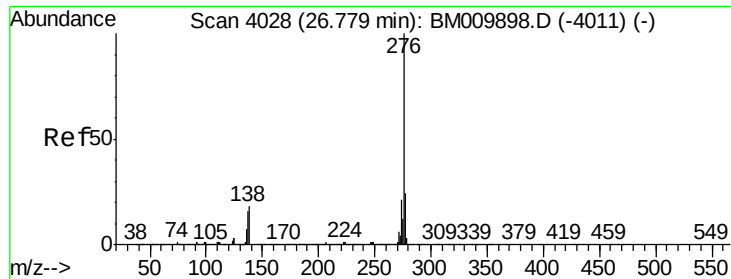
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 37.86 ng
RT: 26.04 min Scan# 3902
Delta R.T. -0.02 min
Lab File: BM009929.D
Acq: 06 May 2017 07:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	13.4	20.0#
279	23.0	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 37.15 ng
 RT: 26.75 min Scan# 4023
 Delta R.T. -0.03 min
 Lab File: BM009929.D
 Acq: 06 May 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98729BSD

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.0	18.5	27.7	
138	15.7	19.0	28.6	

Manual Integrations
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 5/8/2017 3:55:34 PM

