

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009438.D
 Acq On : 29 Mar 2017 18:35
 Operator : SJ/MA
 Sample : I2435-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Manual Integrations
 APPROVED

mohammad
 3/31/2017 8:21:46 AM

Quant Time: Mar 30 01:20:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	139233	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	552242	20.00	ng	-0.01
38) Acenaphthene-d10	14.49	164	313093	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	719143	20.00	ng	0.00
75) Chrysene-d12	21.42	240	917026	20.00	ng	0.00
86) Perylene-d12	23.74	264	844143	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1182511	141.57	ng	0.00
7) Phenol-d6	7.02	99	1503370	131.98	ng	0.00
23) Nitrobenzene-d5	9.02	82	1304341	88.56	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	633128	162.78	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2423840	93.28	ng	-0.01
78) Terphenyl-d14	19.86	244	3665576	83.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	148545	35.36	ng	# 100
3) Pyridine	3.77	79	423902	35.71	ng	# 83
4) n-Nitrosodimethylamine	3.68	42	284037	44.95	ng	# 65
6) Aniline	7.19	93	314658	20.33	ng	# 84
8) 2-Chlorophenol	7.42	128	423112	49.96	ng	84
9) Benzaldehyde	7.00	77	100724	11.23	ng	83
10) Phenol	7.04	94	533878	43.25	ng	91
11) bis(2-Chloroethyl)ether	7.28	93	461613	45.63	ng	# 82
12) 1,3-Dichlorobenzene	7.74	146	451208	44.50	ng	# 89
13) 1,4-Dichlorobenzene	7.89	146	460343	43.94	ng	# 92
14) 1,2-Dichlorobenzene	8.20	146	446227	43.86	ng	# 95
15) Benzyl Alcohol	8.09	79	506675	50.88	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	765946	43.56	ng	96
17) 2-Methylphenol	8.29	107	380022	47.06	ng	# 85
18) Hexachloroethane	8.93	117	188459	43.97	ng	90
19) n-Nitroso-di-n-propylamine	8.66	70	430373	46.87	ng	89
20) 3+4-Methylphenols	8.62	107	504695	45.96	ng	88
22) Acetophenone	8.68	105	724272	46.50	ng	# 91
24) Nitrobenzene	9.06	77	662446	45.91	ng	91
25) Isophorone	9.57	82	1086474	48.35	ng	# 89
26) 2-Nitrophenol	9.77	139	219036	50.33	ng	# 48
27) 2,4-Dimethylphenol	9.82	122	395156	49.63	ng	# 83
28) bis(2-Chloroethoxy)methane	10.06	93	644706	46.34	ng	99
29) 2,4-Dichlorophenol	10.29	162	418141	50.24	ng	95
30) 1,2,4-Trichlorobenzene	10.51	180	465994	45.12	ng	97
31) Naphthalene	10.70	128	1416281	48.32	ng	99
32) Benzoic acid	9.95	122	217099	40.09	ng	# 83
33) 4-Chloroaniline	10.82	127	67190	5.94	ng	# 84
34) Hexachlorobutadiene	10.97	225	306811	43.39	ng	97
35) Caprolactam	11.60	113	101799m	40.06	ng	
36) 4-Chloro-3-methylphenol	11.93	107	463309	49.20	ng	# 82
37) 2-Methylnaphthalene	12.31	142	985740	48.72	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	544061	46.03	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	658562	97.07	ng	99

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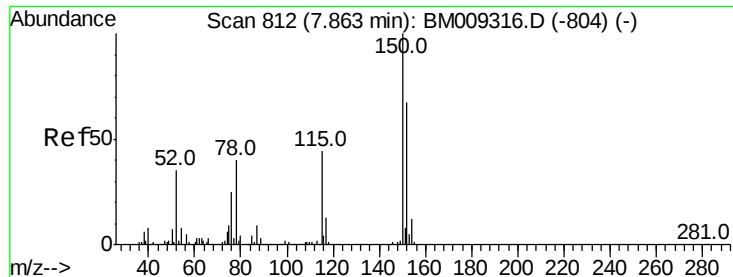
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	354183	52.40	nq	100
43) 2,4,5-Trichlorophenol	12.99	196	375832	49.84	nq	# 89
45) 1,1'-Biphenyl	13.33	154	1258968	48.31	nq	96
46) 2-Chloronaphthalene	13.37	162	990864	48.96	nq	94
47) 2-Nitroaniline	13.58	65	376567	50.50	nq	# 73
48) Acenaphthylene	14.22	152	1572525	47.70	nq	100
49) Dimethylphthalate	13.95	163	1226186	51.01	nq	# 99
50) 2,6-Dinitrotoluene	14.08	165	266627	51.47	nq	# 77
51) Acenaphthene	14.56	154	973570	48.95	nq	99
52) 3-Nitroaniline	14.41	138	116453	22.82	nq	# 53
53) 2,4-Dinitrophenol	14.62	184	294474	83.99	nq	97
54) Dibenzofuran	14.89	168	1564596	53.19	nq	95
55) 4-Nitrophenol	14.71	139	401393	95.15	nq	# 24
56) 2,4-Dinitrotoluene	14.86	165	374290	53.40	nq	# 96
57) Fluorene	15.55	166	1287663	48.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	346580	54.34	nq	# 100
59) Diethylphthalate	15.32	149	1260583	51.69	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	658819	47.72	nq	98
61) 4-Nitroaniline	15.57	138	263562	47.54	nq	# 26
62) Azobenzene	15.83	77	1586417	55.72	nq	86
64) 4,6-Dinitro-2-methylphenol	15.63	198	205818	45.43	nq	89
65) n-Nitrosodiphenylamine	15.75	169	1091563	49.97	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	409331	49.13	nq	95
67) Hexachlorobenzene	16.54	284	448010	49.06	nq	# 92
68) Atrazine	16.70	200	389061	47.36	nq	96
69) Pentachlorophenol	16.89	266	542294	97.20	nq	96
70) Phenanthrene	17.29	178	1993928	48.49	nq	100
71) Anthracene	17.37	178	2058746	49.45	nq	99
72) Carbazole	17.65	167	1842077	46.20	nq	98
73) Di-n-butylphthalate	18.20	149	2138366	52.50	nq	# 98
74) Fluoranthene	19.30	202	2400294	49.28	nq	98
76) Benzidine	19.49	184	414048	15.15	nq	# 95
77) Pyrene	19.66	202	2485312	47.79	nq	99
79) Butylbenzylphthalate	20.55	149	990849	52.91	nq	# 77
80) Benzo(a)anthracene	21.40	228	2591246	48.38	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	494595	24.66	nq	# 98
82) Chrysene	21.46	228	2322462	45.41	nq	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1446235	51.75	nq	100
84) Di-n-octyl phthalate	22.22	149	2522880	54.24	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.12	276	2969136	53.23	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2657210	49.66	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	2570550	49.95	nq	97
89) Benzo(a)pyrene	23.64	252	2538829	51.24	nq	97
90) Dibenzo(a,h)anthracene	26.13	278	2535096	52.22	nq	# 94
91) Benzo(g,h,i)perylene	26.84	276	2467796	52.15	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

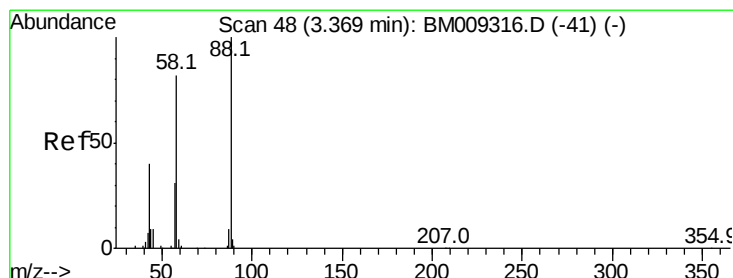
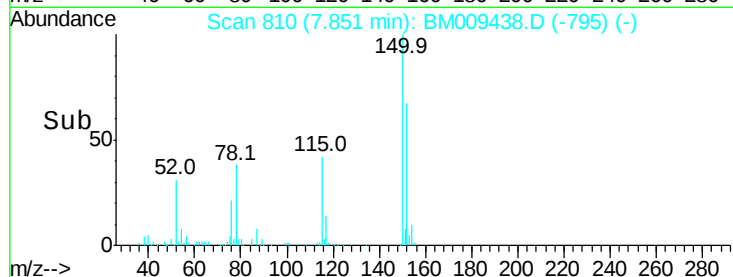
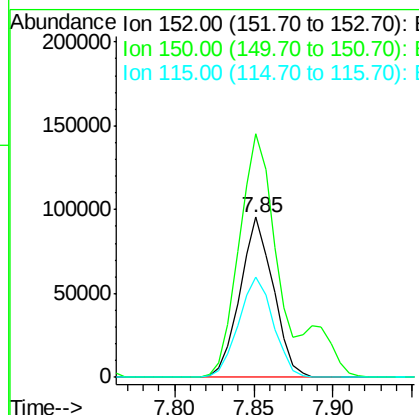
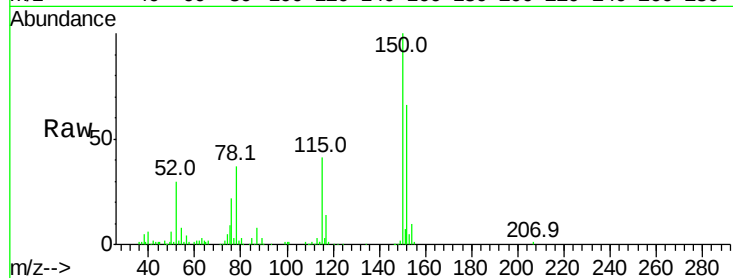
ClientSampleId :

HSP-01MSD

Tot Ion	152	Resp	139233
Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	62.4	43.0	64.4

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#2

1,4-Dioxane

Concen: 35.36 ng

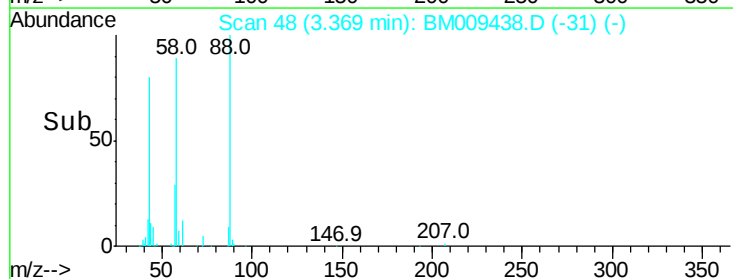
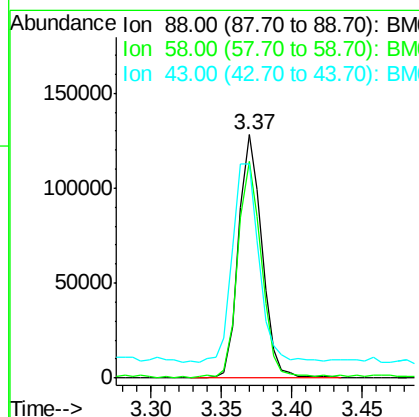
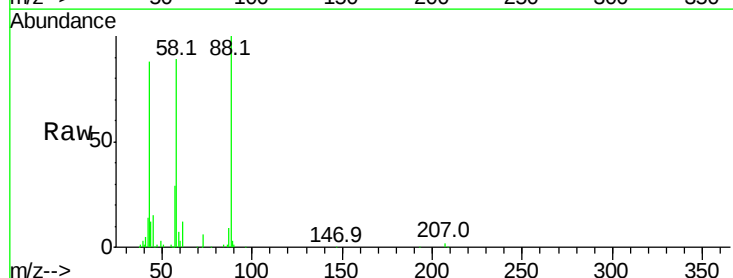
RT: 3.37 min Scan# 48

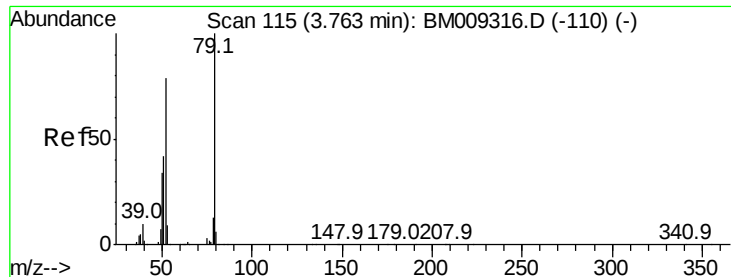
Delta R.T. 0.00 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion	88	Resp	148545
Ion	Ratio	Lower	Upper
88	100		
58	88.6	0.0	0.0#
43	92.3	0.0	0.0#





#3

Pvridine

Concen: 35.71 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

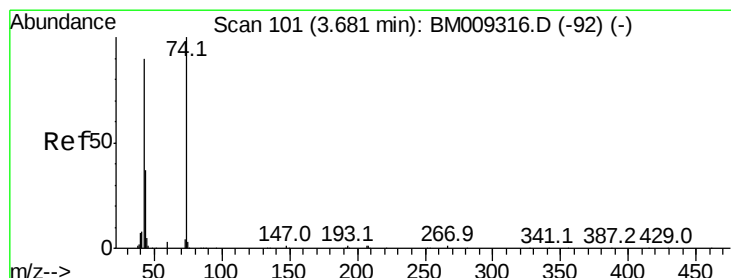
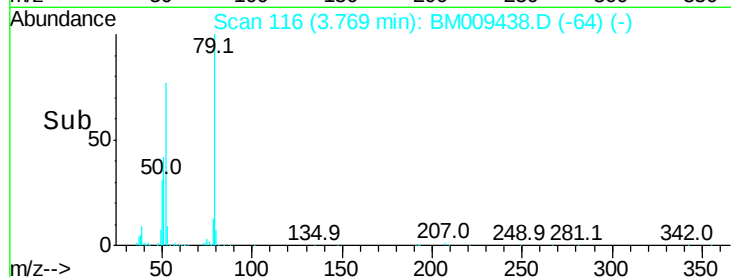
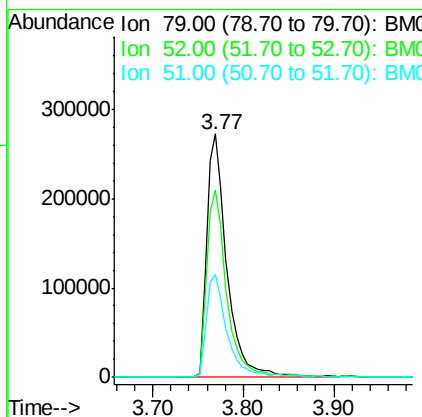
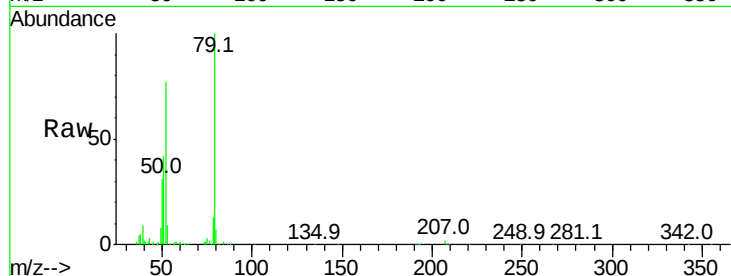
ClientSampleId :

HSP-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	77.1	51.1	76.7#		
51	42.4	26.1	39.1#		

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#4

n-Nitrosodimethylamine

Concen: 44.95 ng

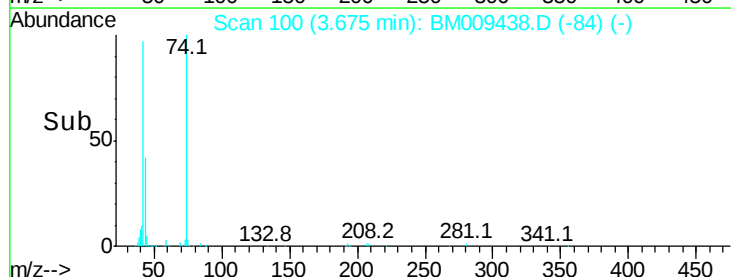
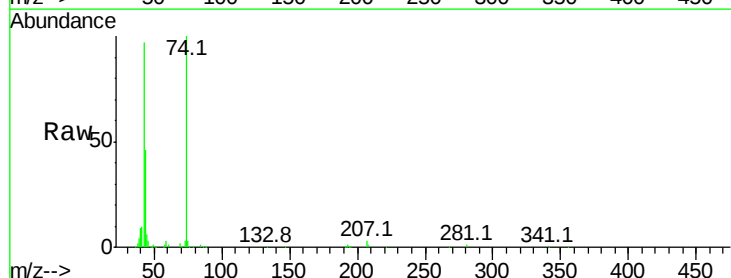
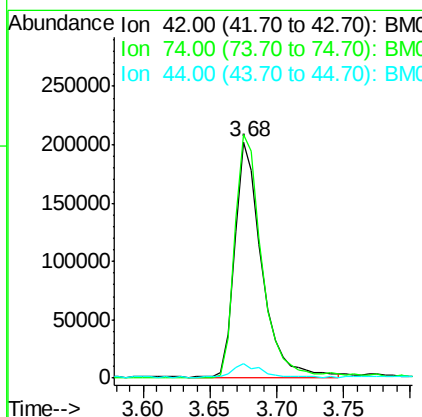
RT: 3.68 min Scan# 100

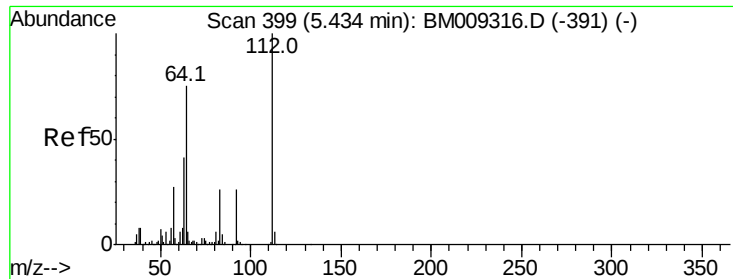
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	102.9	119.3	178.9#		
44	5.9	5.4	8.2		





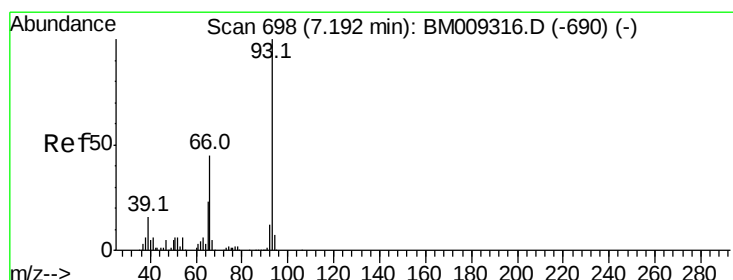
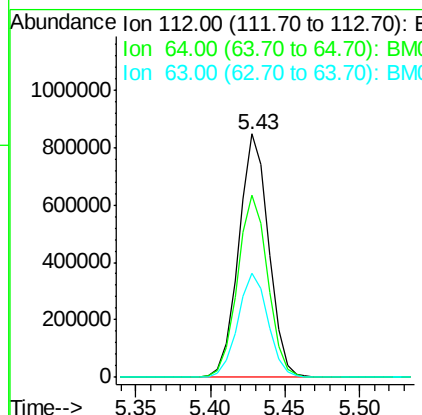
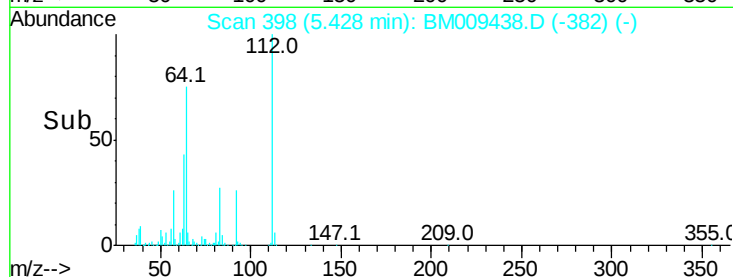
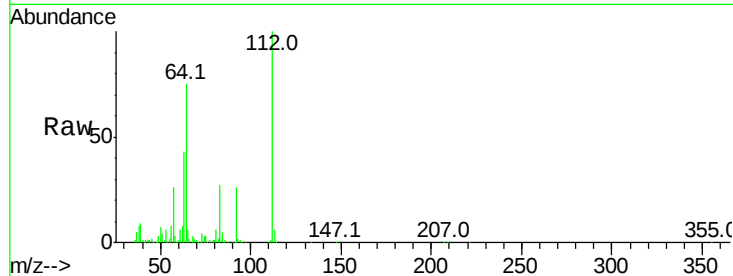
#5
2-Fluorophenol
Concen: 141.57 ng
RT: 5.43 min Scan# 398
Delta R.T. -0.00 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

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HSP-01MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	75.0	38.6	57.8#
63	42.6	19.3	28.9#

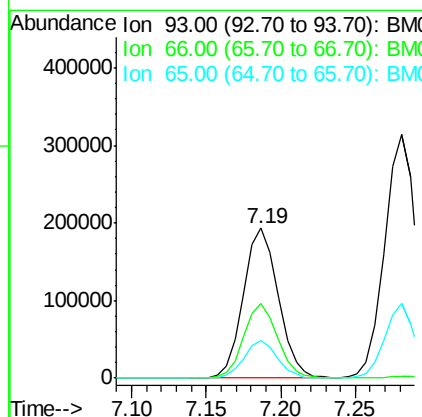
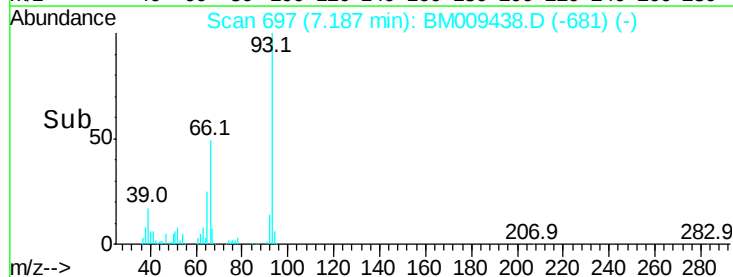
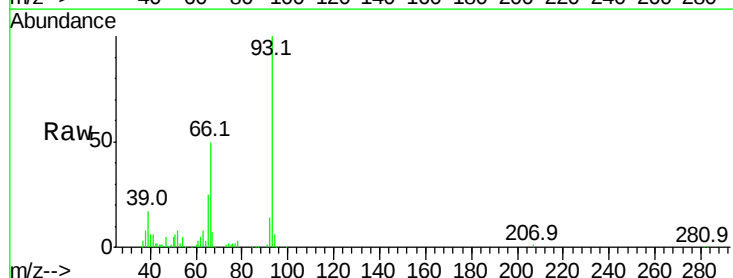
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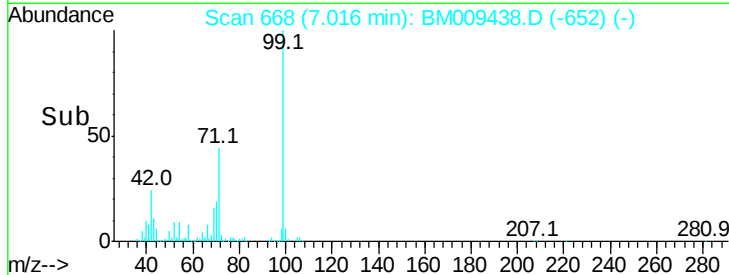
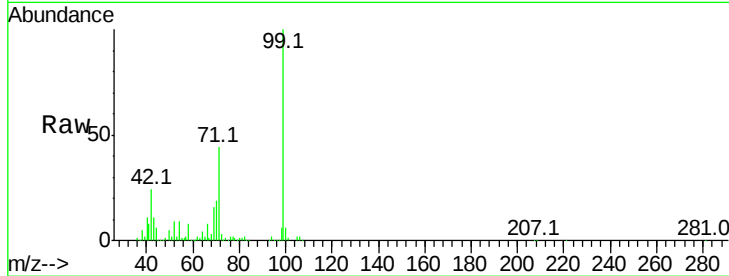
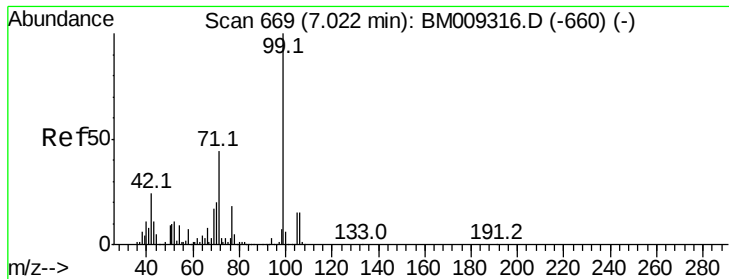
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#6
Aniline
Concen: 20.33 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.7	30.8	46.2#
65	25.3	16.0	24.0#





#7

Phenol-d6

Concen: 131.98 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tot Ion: 99 Resp: 1503370

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 44.4 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

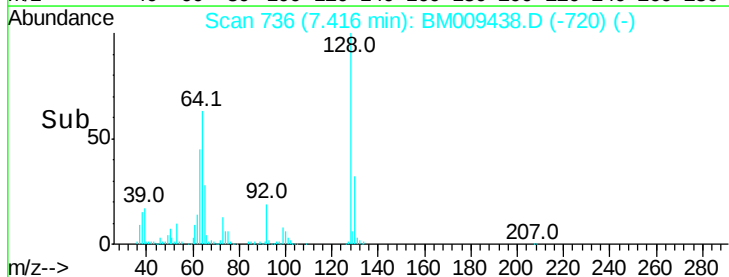
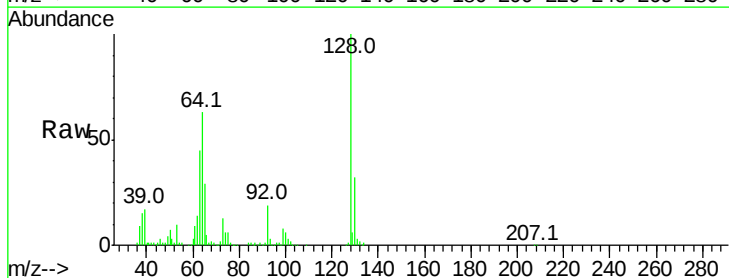
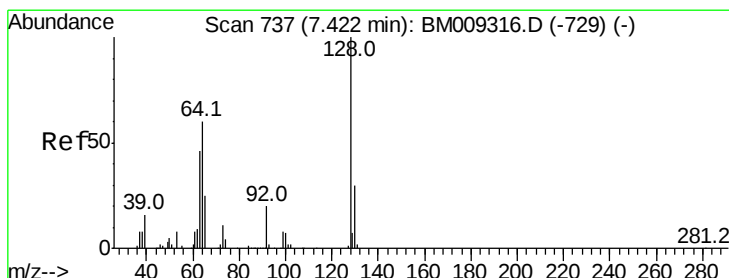
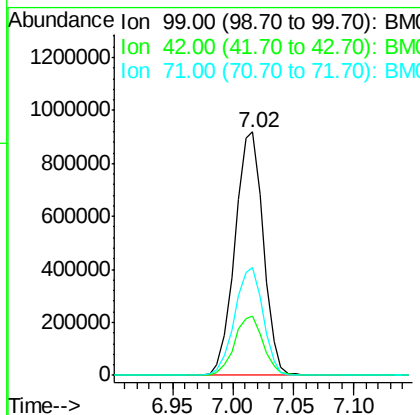
HSP-01MSD

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#8

2-Chlorophenol

Concen: 49.96 ng

RT: 7.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

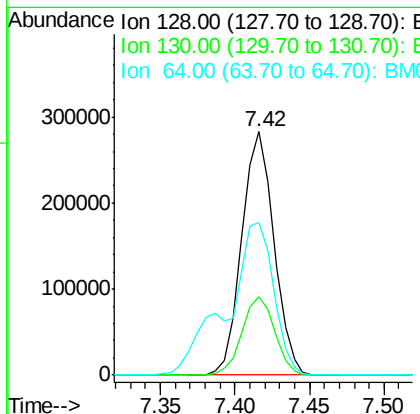
Tgt Ion: 128 Resp: 423112

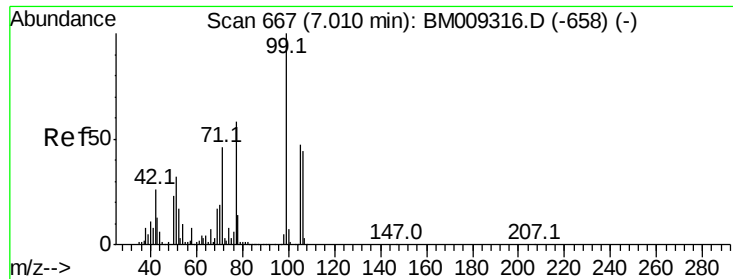
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 62.7 24.9 64.9





#9

Benzaldehyde

Concen: 11.23 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

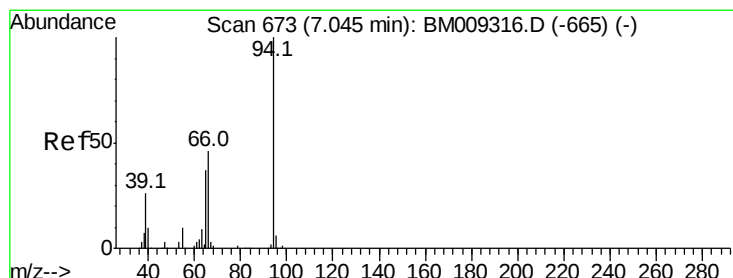
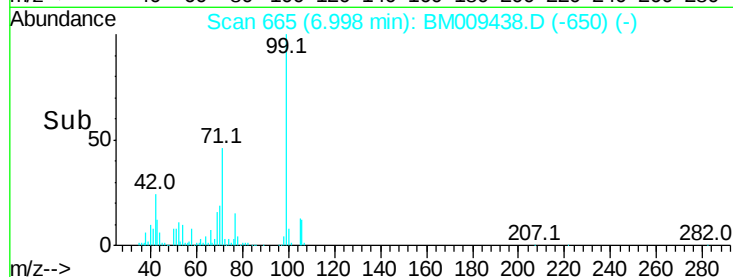
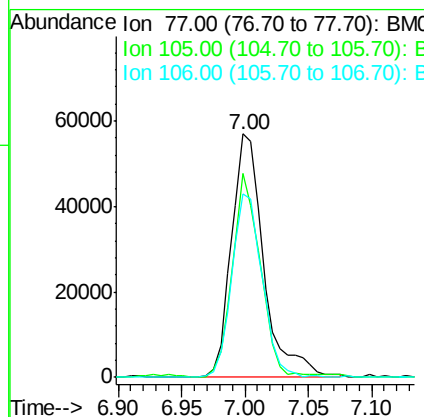
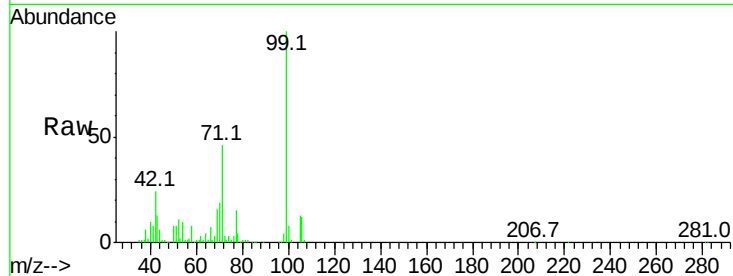
ClientSampleId :

HSP-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.8	78.8	118.8
106	75.4	73.7	113.7

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#10

Phenol

Concen: 43.25 ng

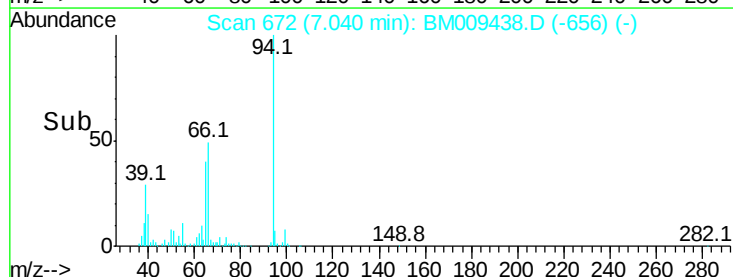
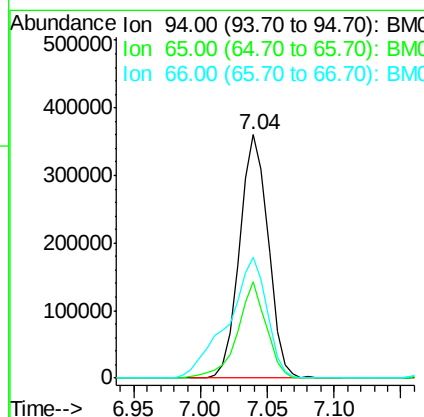
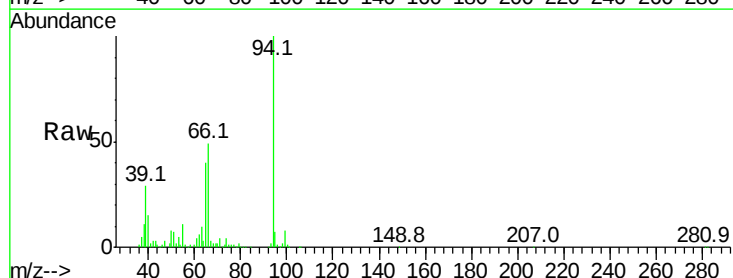
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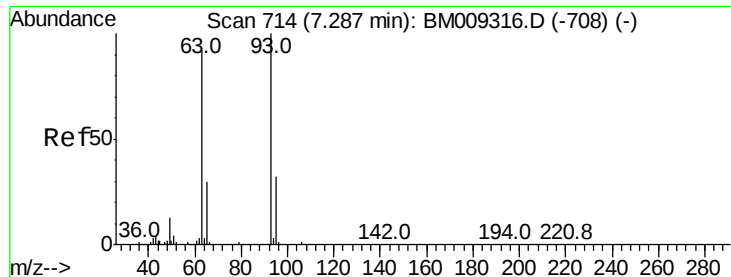
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.7	18.8	58.8
66	49.4	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 45.63 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

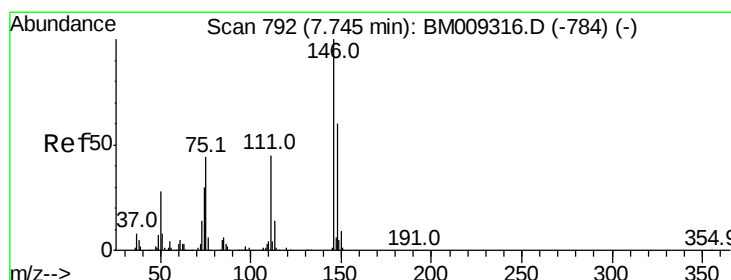
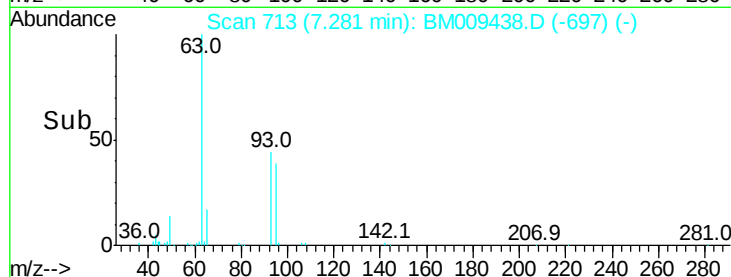
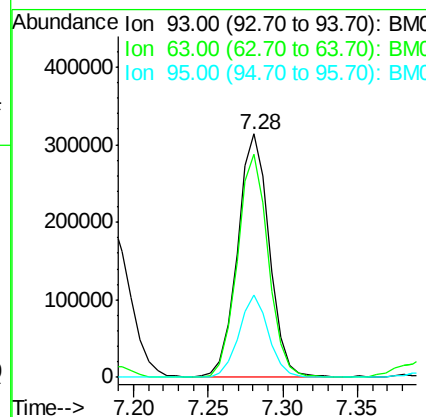
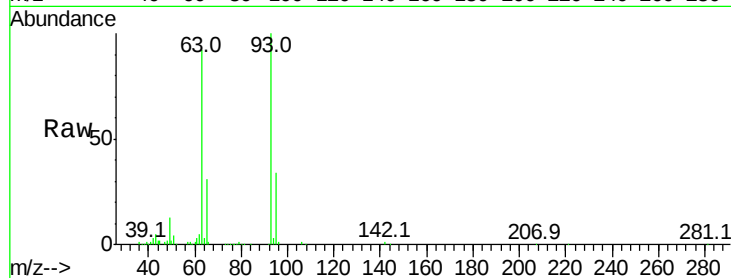
ClientSampleId :

HSP-01MSD

Tot Ion:	93	Resp:	461613
Ion Ratio	Lower	Upper	
93	100		
63	91.7	49.5	89.5#
95	33.7	13.5	53.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.50 ng

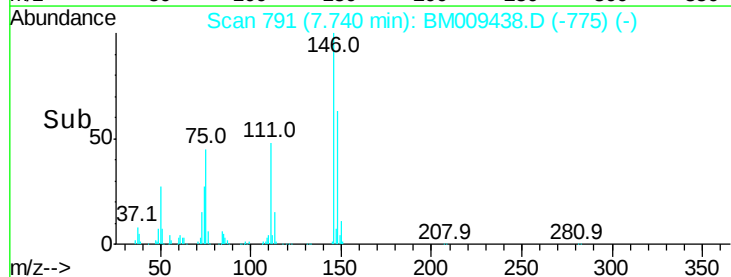
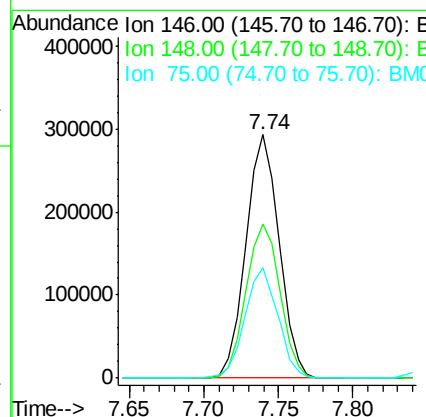
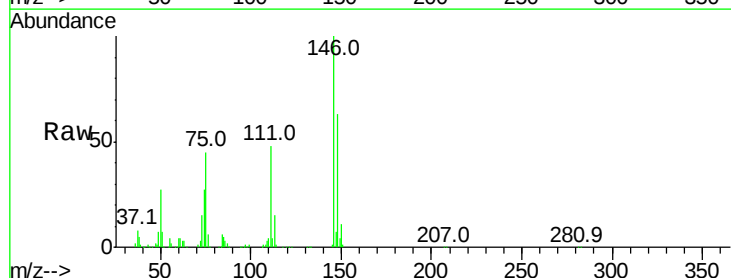
RT: 7.74 min Scan# 791

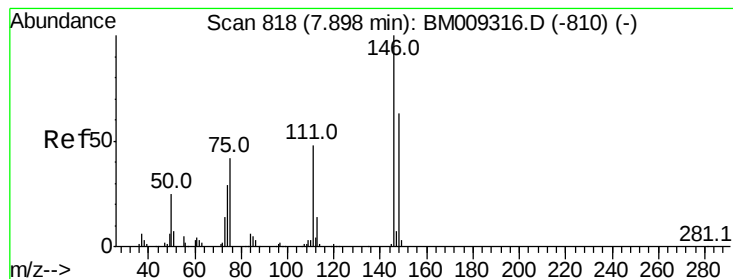
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion:	146	Resp:	451208
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.9	76.3
75	45.1	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 43.94 ng

RT: 7.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

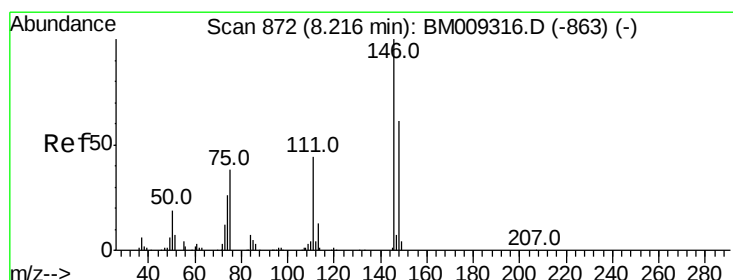
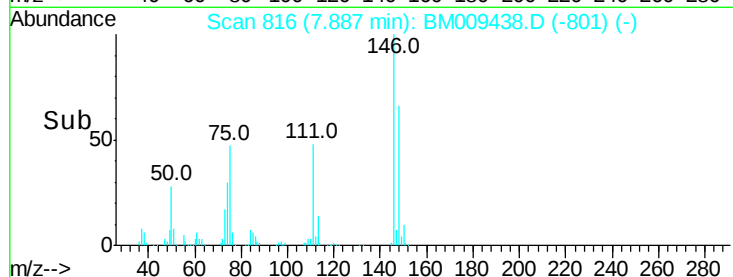
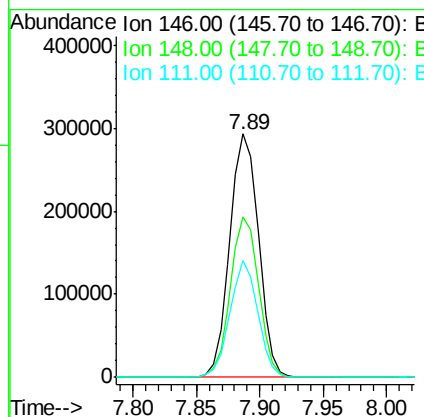
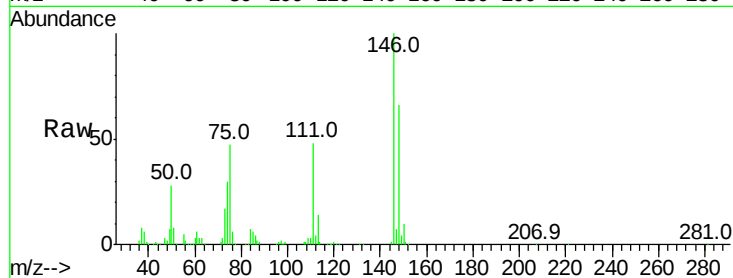
ClientSampleId :

HSP-01MSD

Tot Ion:	146	Resp:	460343
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.9	77.9
111	48.0	29.2	43.8#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.86 ng

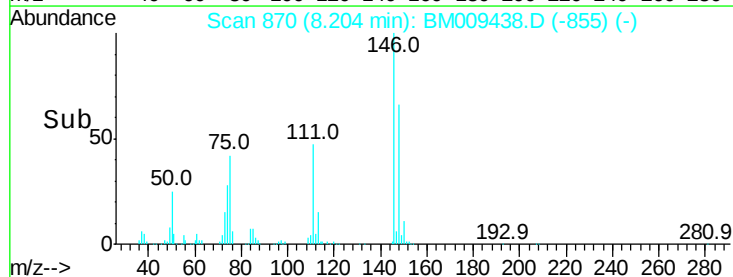
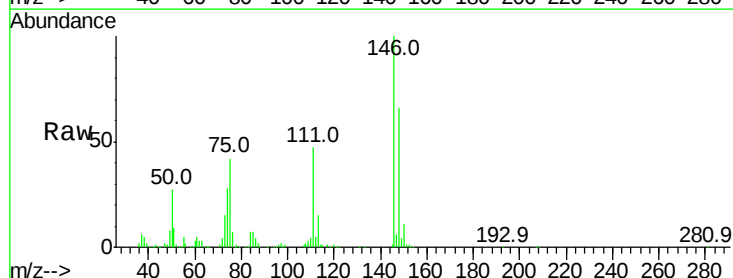
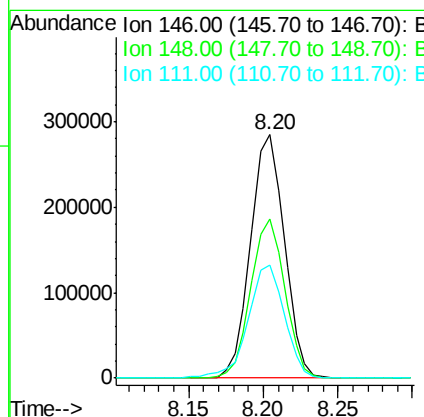
RT: 8.20 min Scan# 870

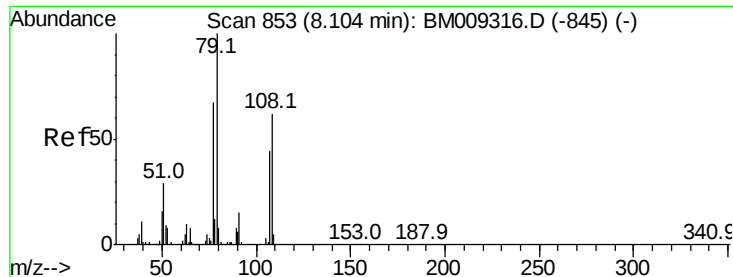
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion:	146	Resp:	446227
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.3	78.5
111	46.6	30.6	45.8#





#15

Benzyl Alcohol

Concen: 50.88 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

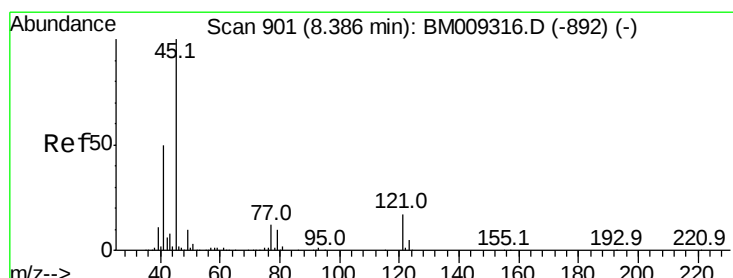
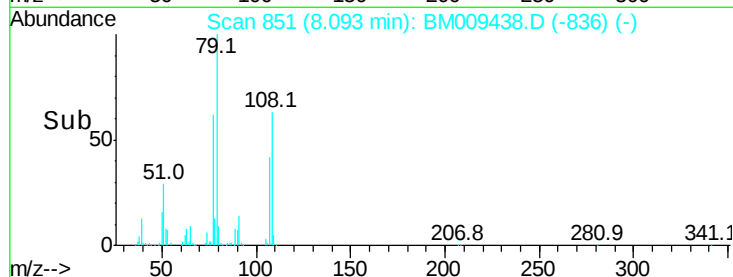
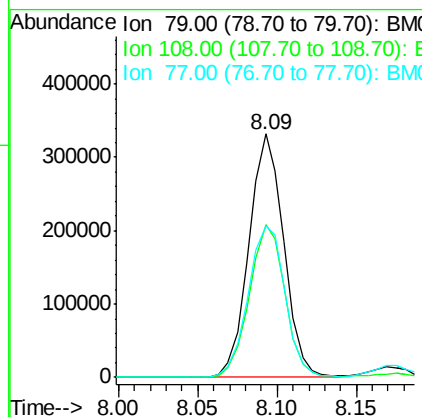
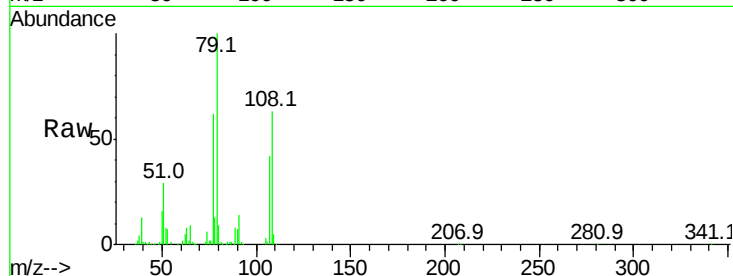
ClientSampleId :

HSP-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.5	65.0	97.4#
77	62.4	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.56 ng

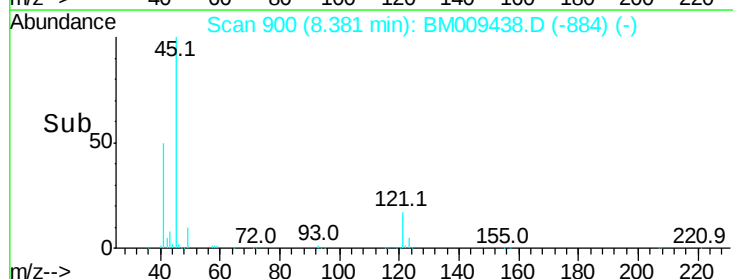
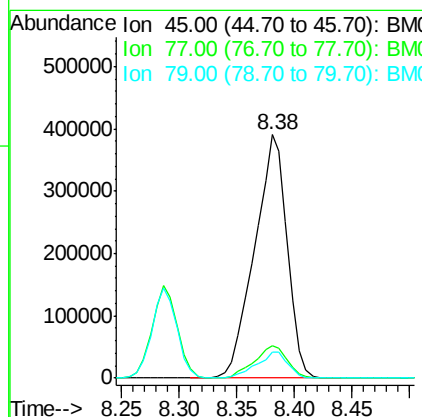
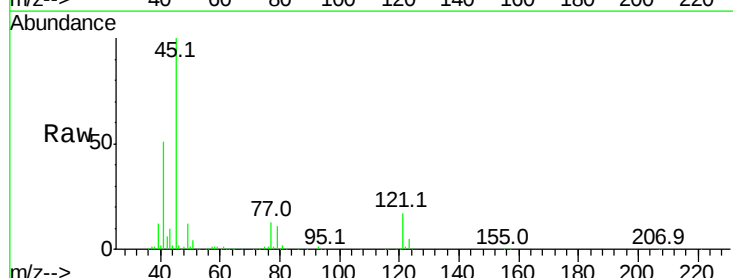
RT: 8.38 min Scan# 900

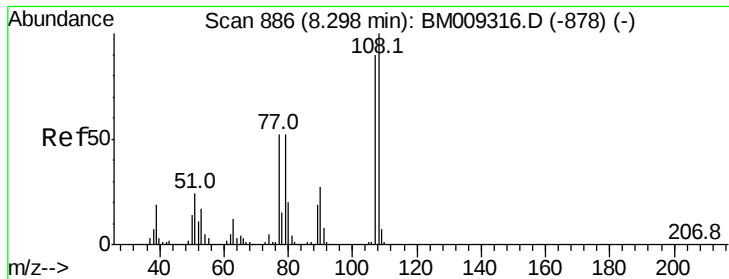
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	35.2
79	10.8	0.0	32.0





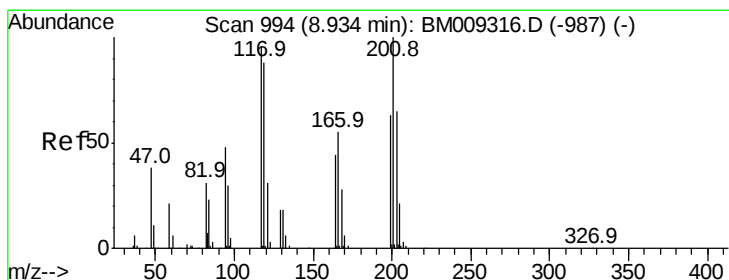
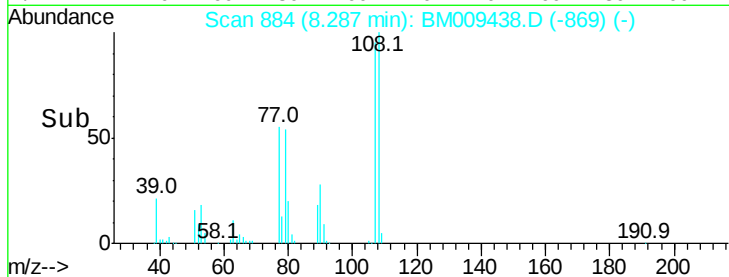
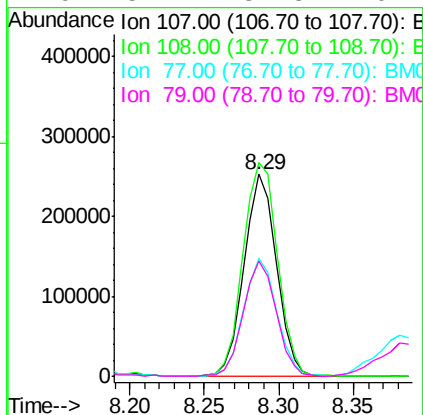
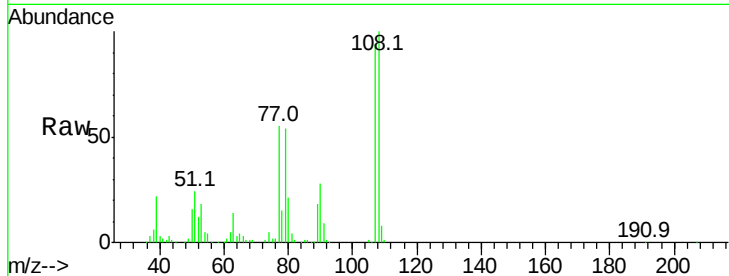
#17
2-Methylphenol
Concen: 47.06 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	105.9	89.8	134.8
77	58.7	32.6	48.8#
79	57.1	32.8	49.2#

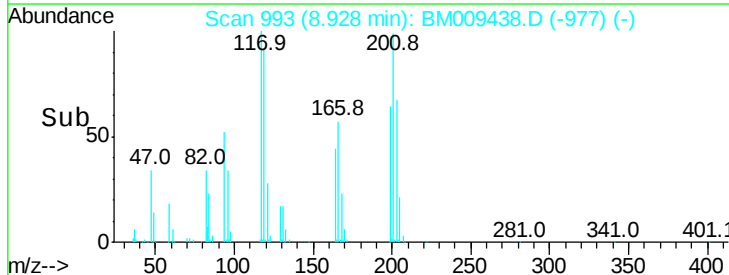
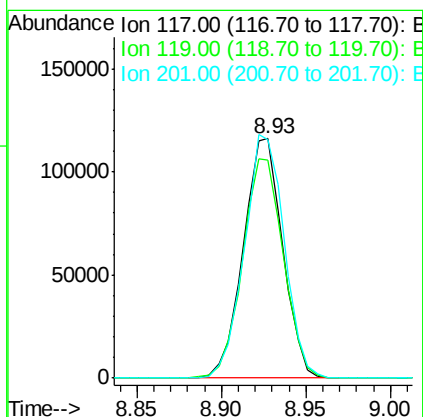
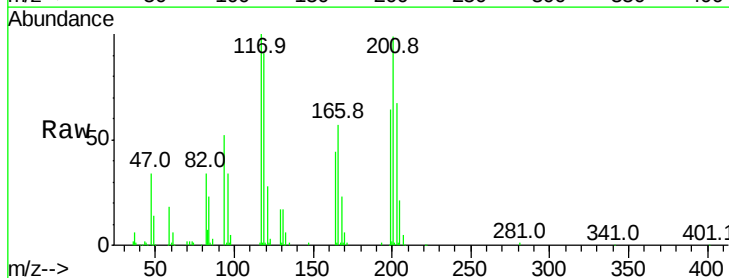
Manual Integrations
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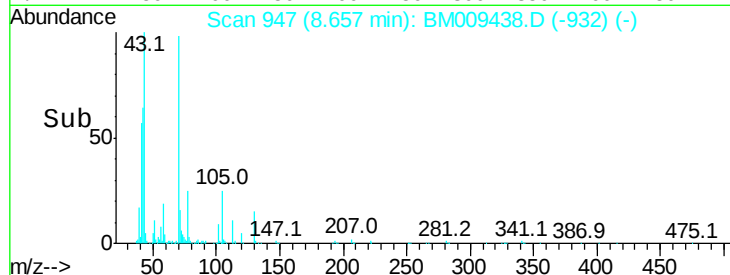
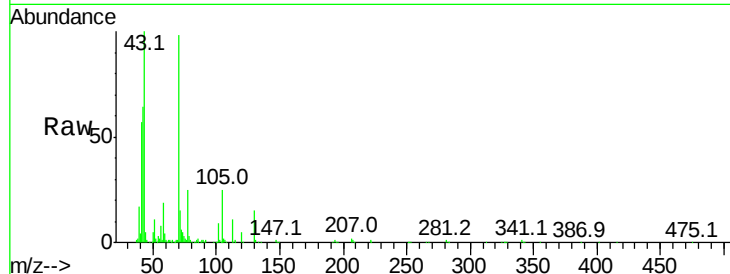
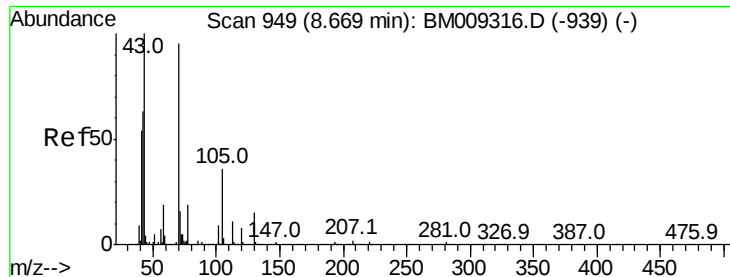
mohammad
3/31/2017 8:21:46 AM



#18
Hexachloroethane
Concen: 43.97 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	91.2	79.2	118.8
201	99.5	69.8	104.6





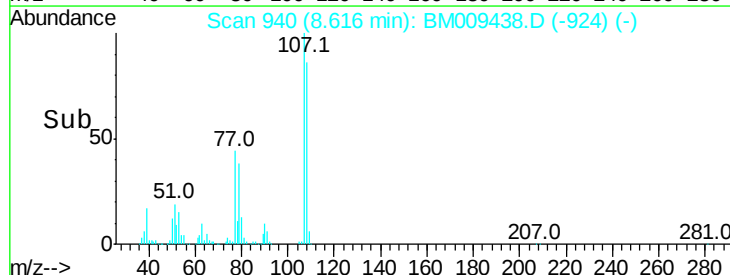
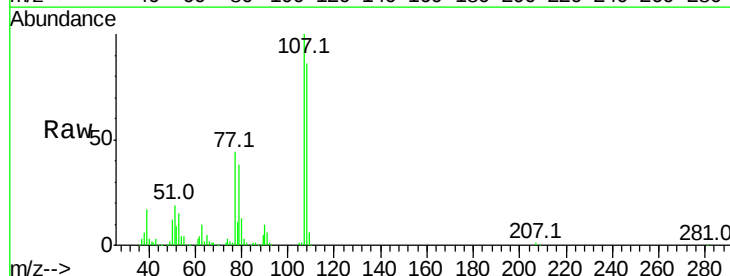
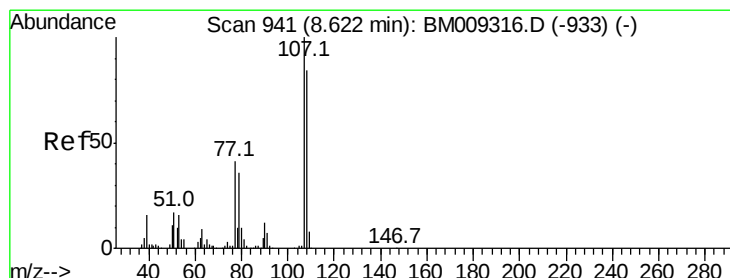
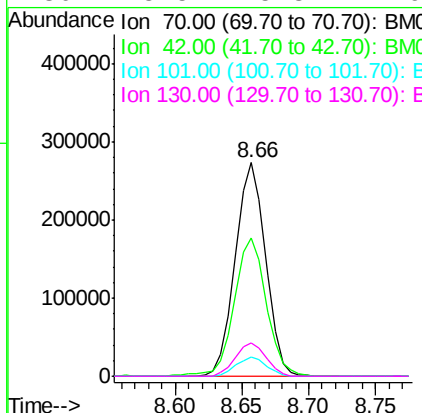
#19
n-Nitroso-di-n-propylamine
Concen: 46.87 ng
RT: 8.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	44.5	66.7
101	8.7	7.4	11.2
130	15.5	15.3	22.9

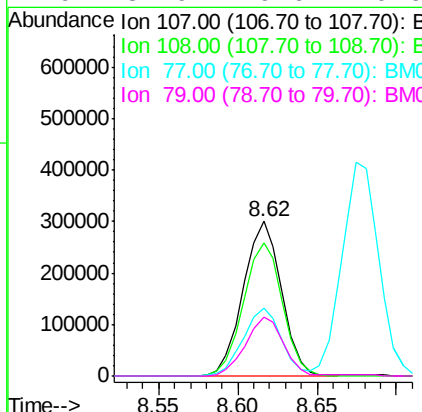
Manual Integrations
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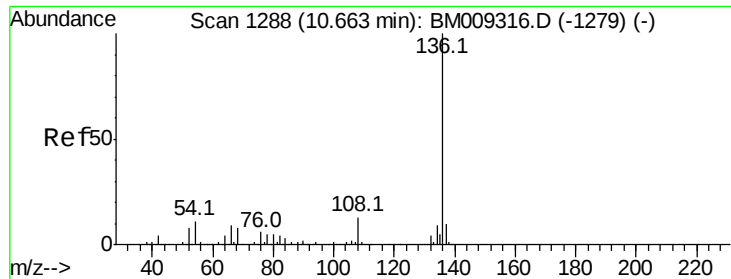
mohammad
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#20
3+4-Methylphenols
Concen: 45.96 ng
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	73.2	113.2
77	44.0	10.7	50.7
79	37.9	9.6	49.6





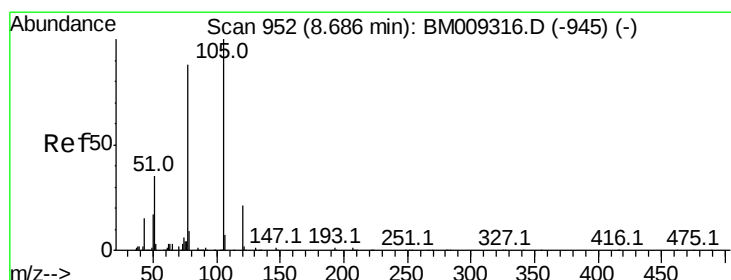
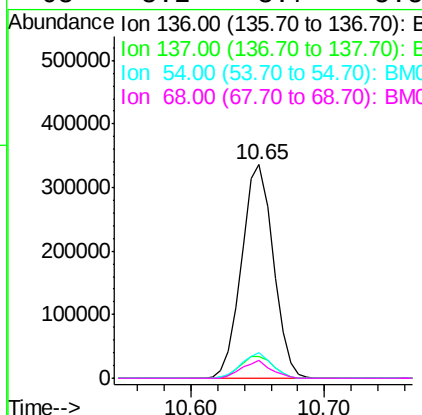
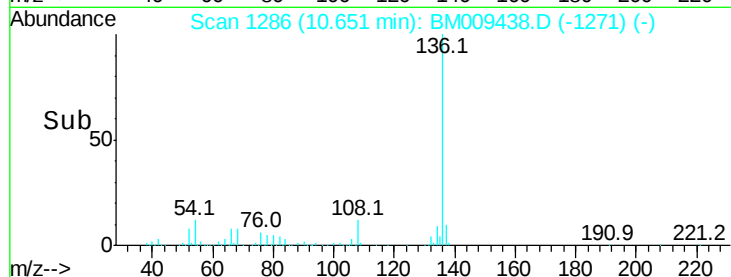
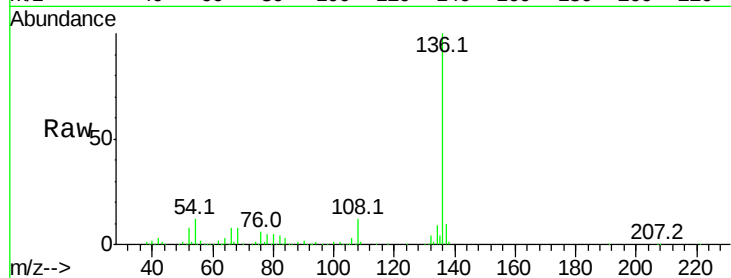
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampled :
HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	552242		
137	10.0		8.7	13.1
54	12.3		4.6	6.8#
68	8.2		3.7	5.5#

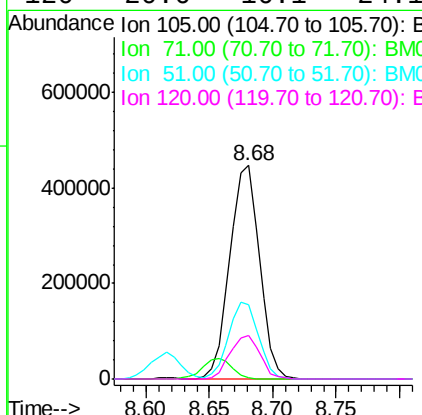
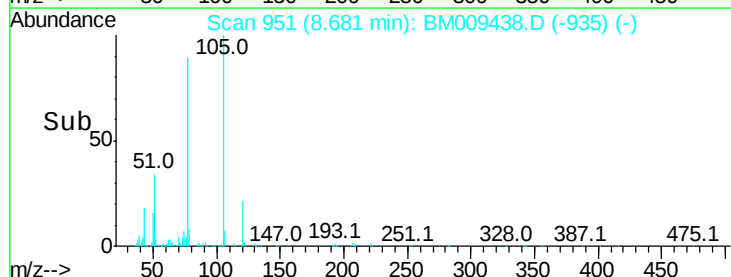
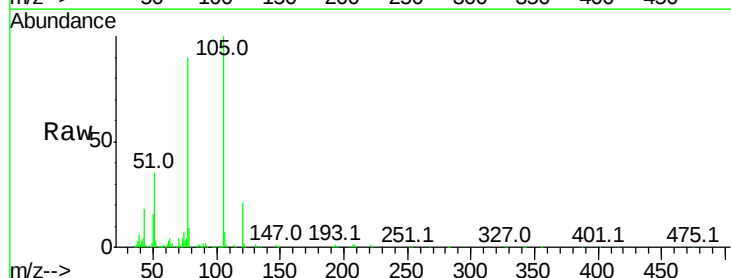
Manual Integrations
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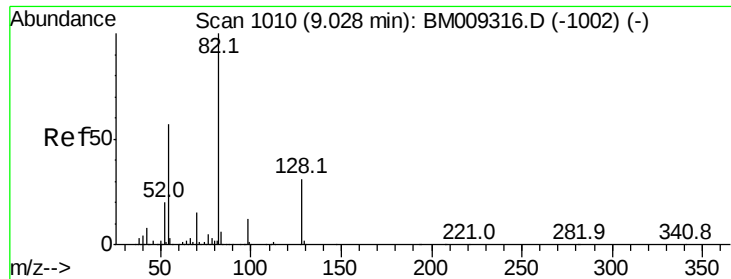
mohammad
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#22
Acetophenone
Concen: 46.50 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	724272		
71	0.6		0.6	1.0#
51	34.9		21.6	32.4#
120	20.6		16.1	24.1





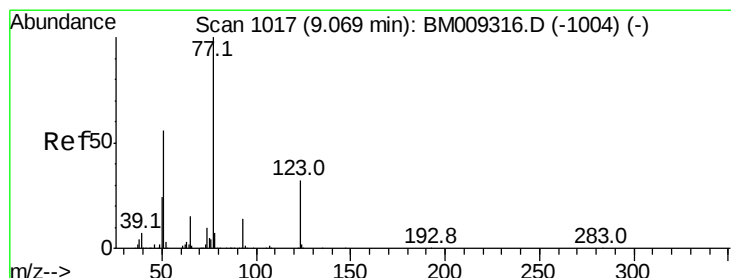
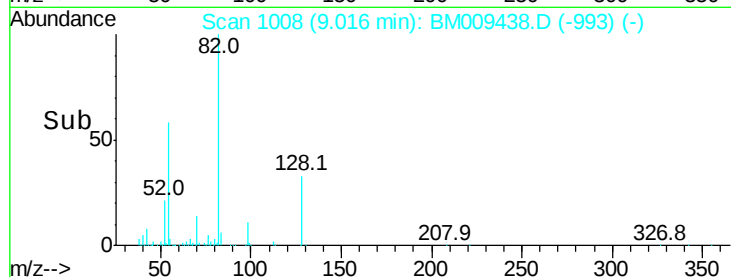
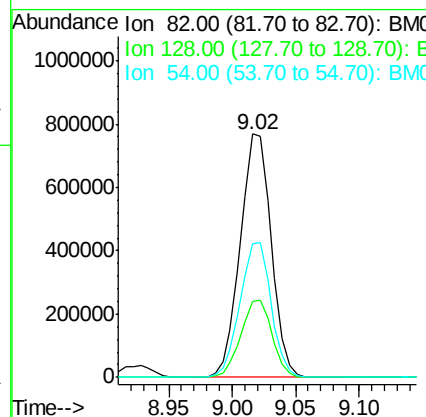
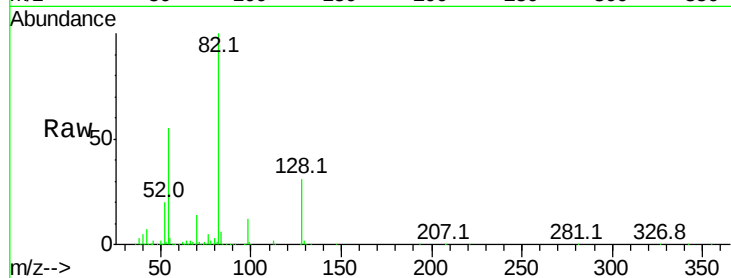
#23
 Nitrobenzene-d5
 Concen: 88.56 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	32.8	49.2#
54	54.8	40.6	60.8

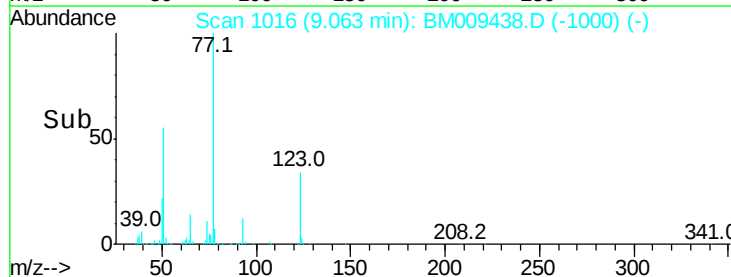
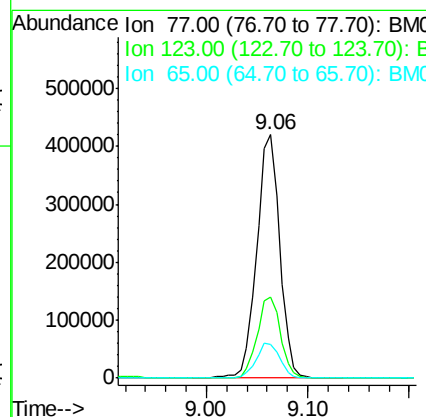
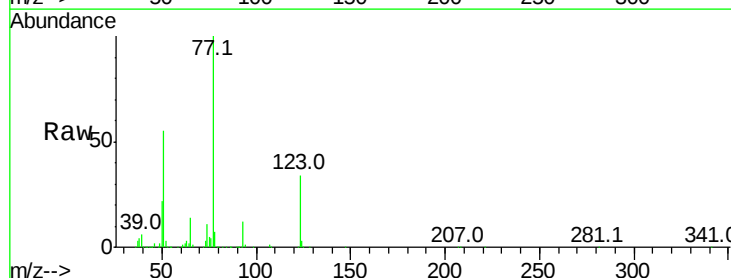
Manual Integrations
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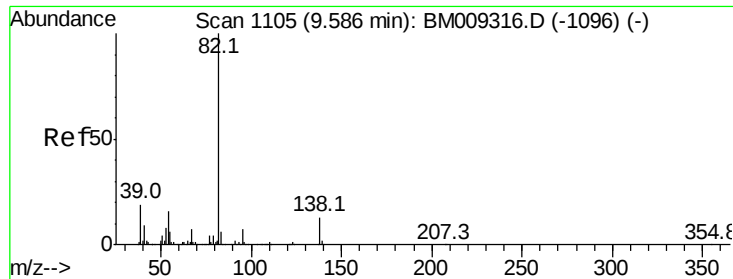
mohammad
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#24
 Nitrobenzene
 Concen: 45.91 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.5	32.6	49.0
65	13.6	10.9	16.3





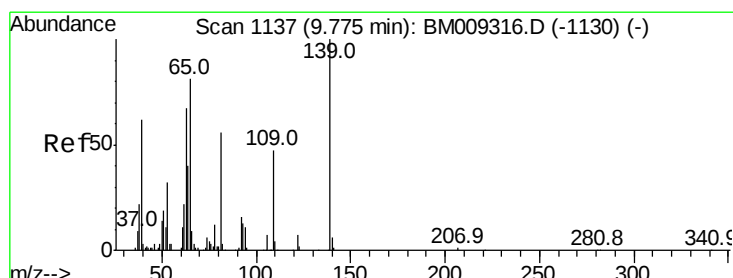
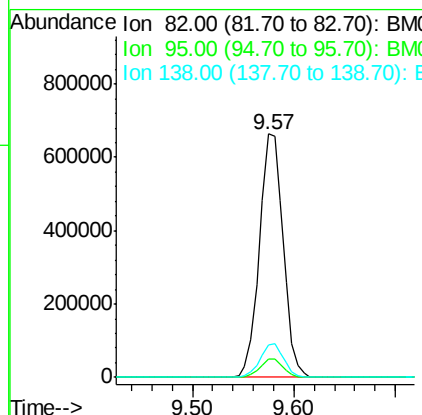
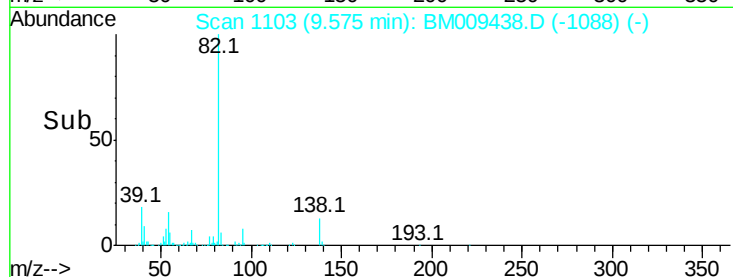
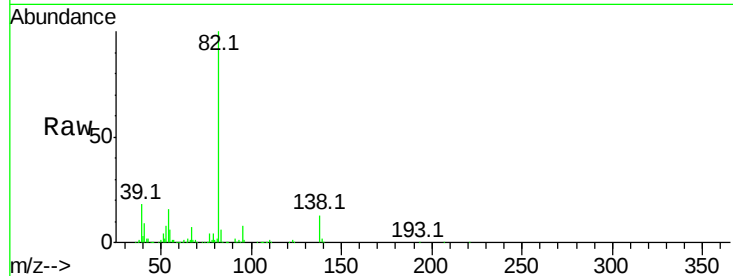
#25
Isophorone
Concen: 48.35 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.8	8.6
138	13.4	16.3	24.5#

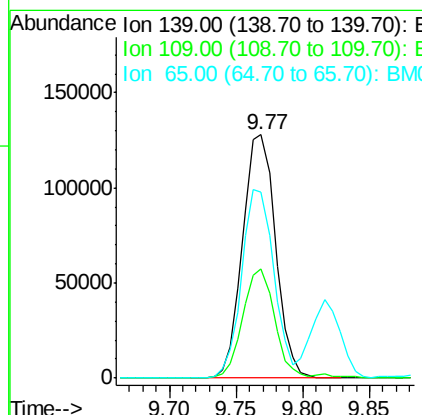
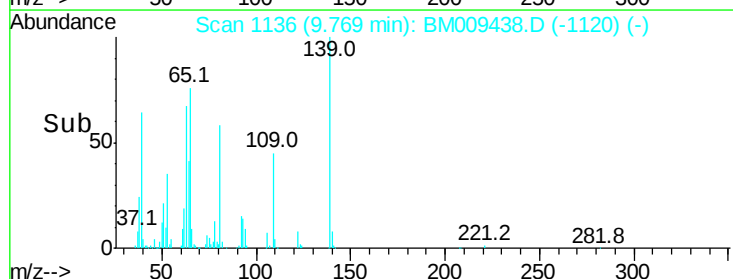
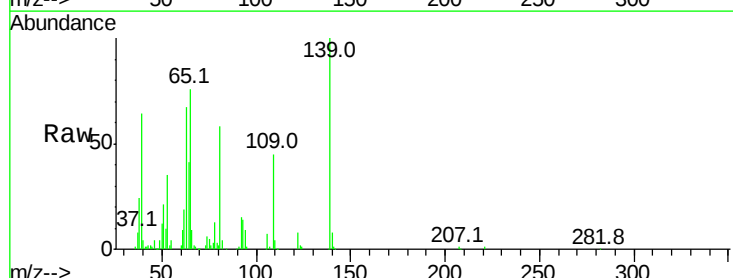
Manual Integrations
APPROVED

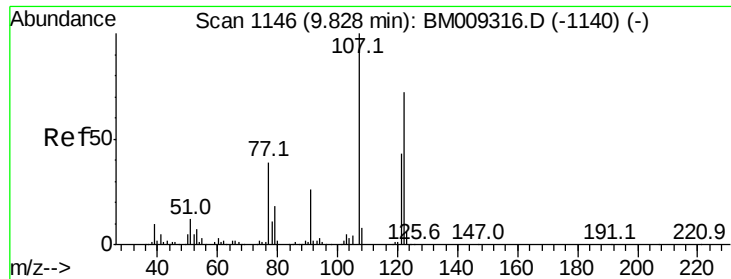
mohammad
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#26
2-Nitrophenol
Concen: 50.33 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.7	20.1	30.1#
65	76.3	31.5	47.3#





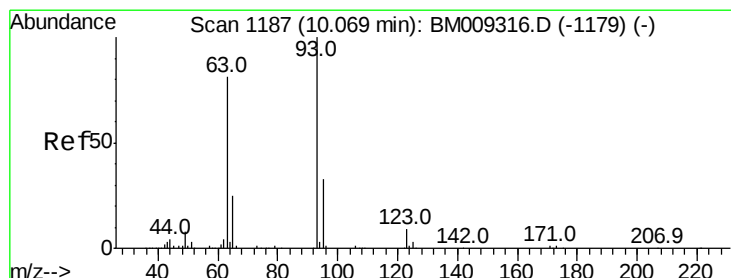
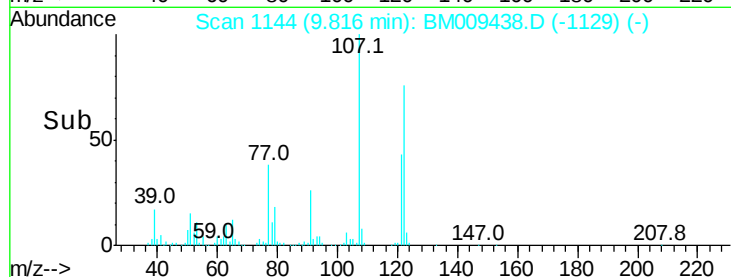
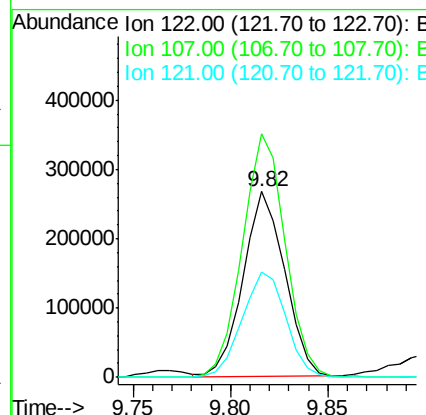
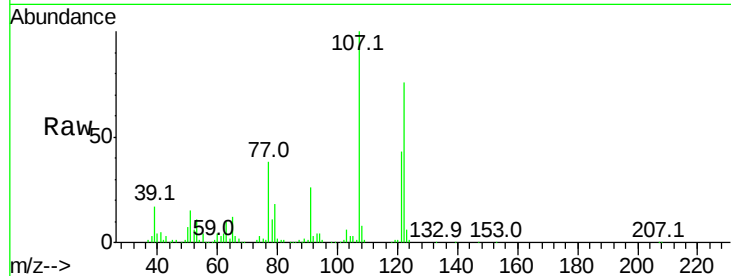
#27
 2,4-Dimethylphenol
 Concen: 49.63 ng
 RT: 9.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.2	84.7	127.1#
121	56.7	46.6	69.8

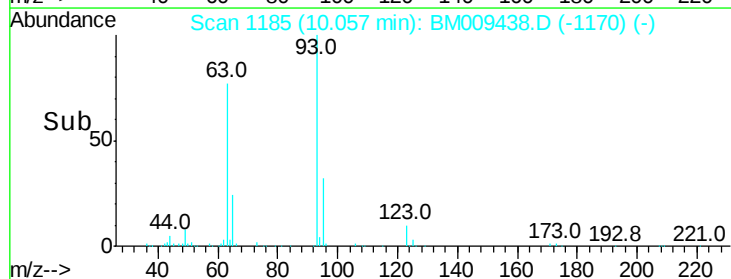
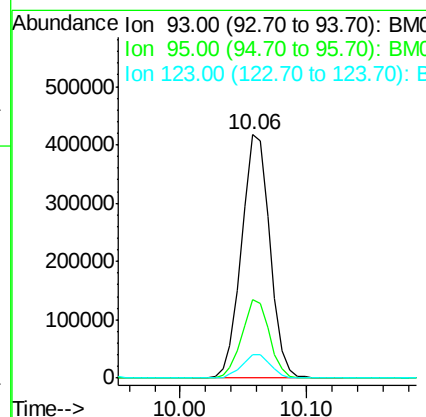
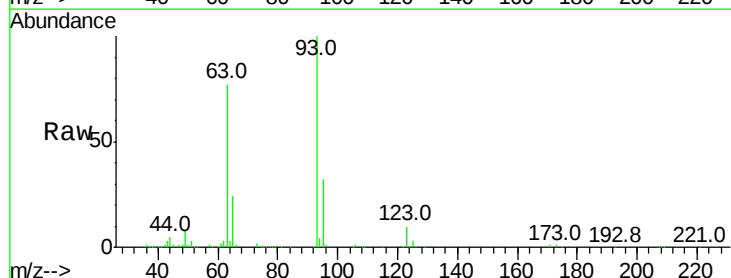
Manual Integrations
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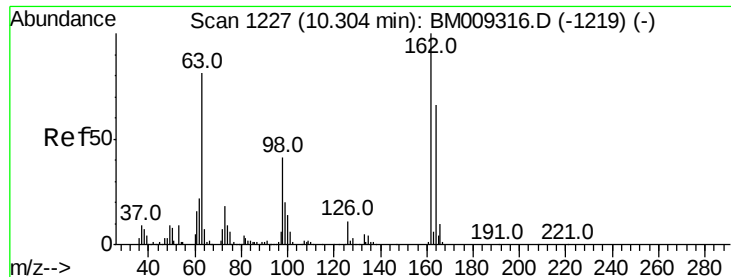
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.34 ng
 RT: 10.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	9.8	8.6	13.0





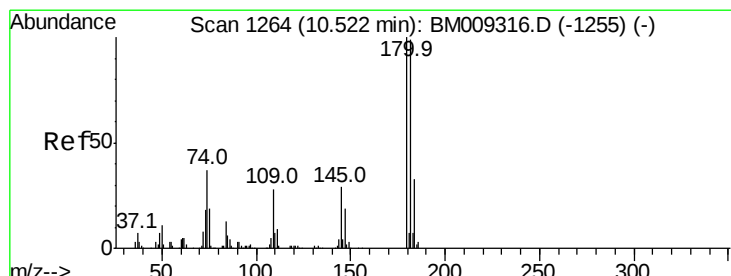
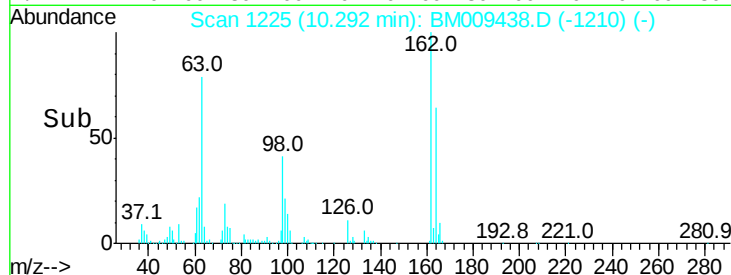
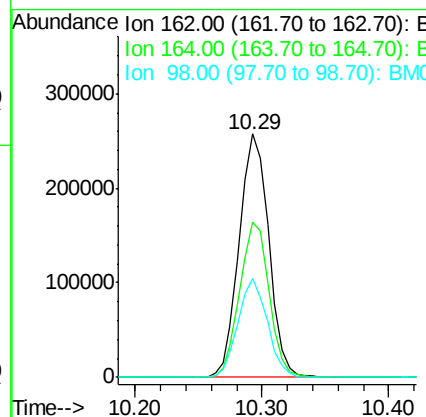
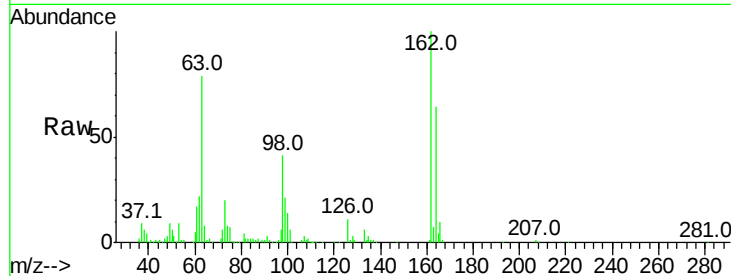
#29
2,4-Dichlorophenol
Concen: 50.24 ng
RT: 10.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.8	82.8
98	40.8	14.5	54.5

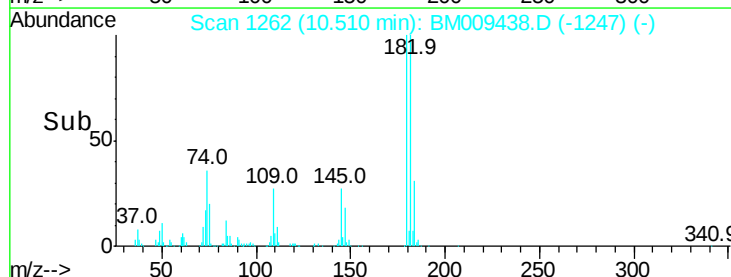
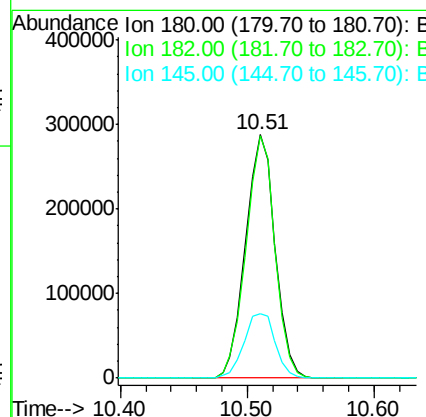
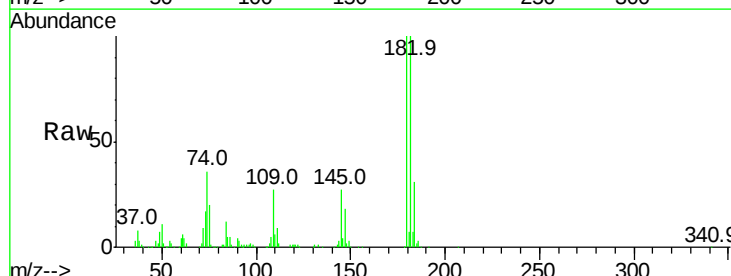
Manual Integrations
APPROVED

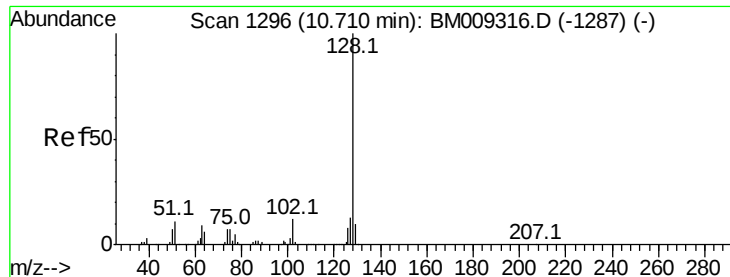
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#30
1,2,4-Trichlorobenzene
Concen: 45.12 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	77.6	116.4
145	26.6	23.4	35.2





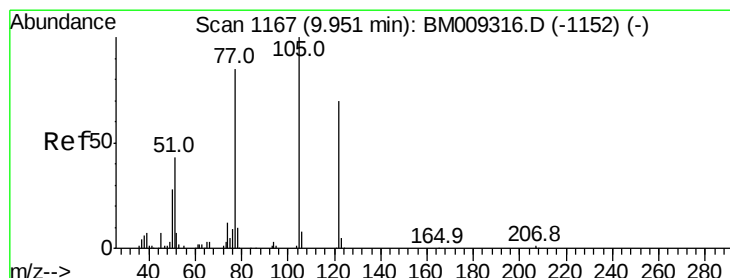
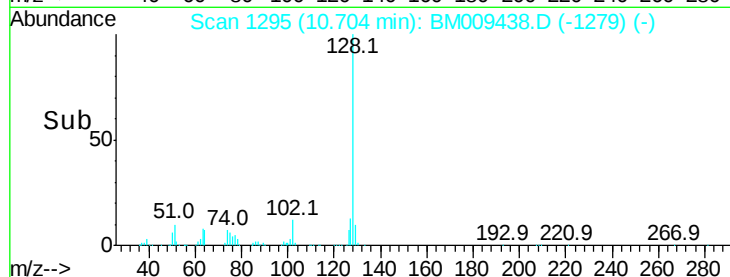
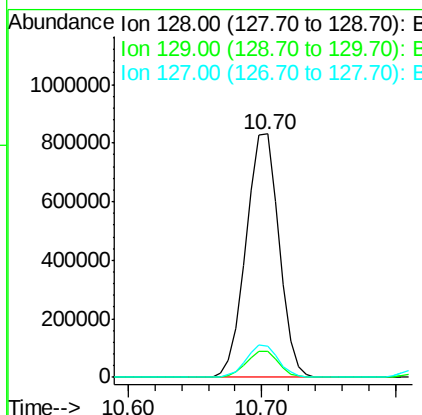
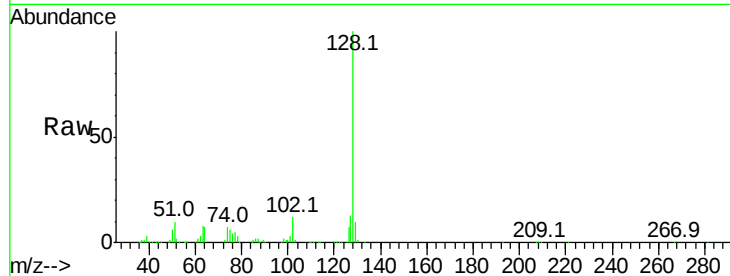
#31
Naphthalene
Concen: 48.32 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampled :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	12.8	10.4	15.6

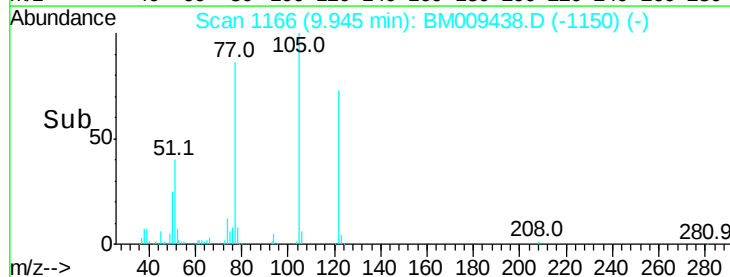
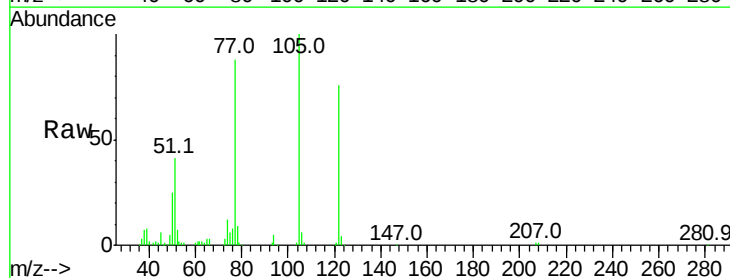
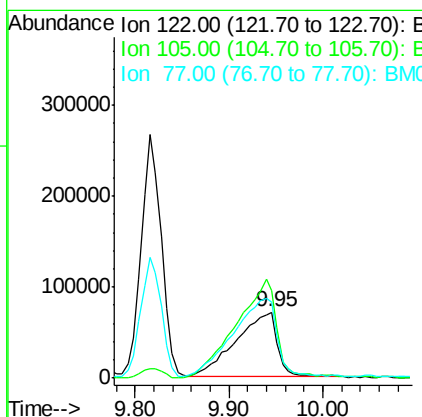
Manual Integrations
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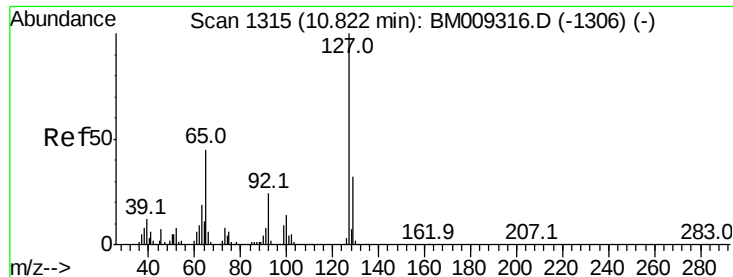
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#32
Benzoic acid
Concen: 40.09 ng
RT: 9.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.4	99.9	139.9
77	116.4	73.7	113.7#





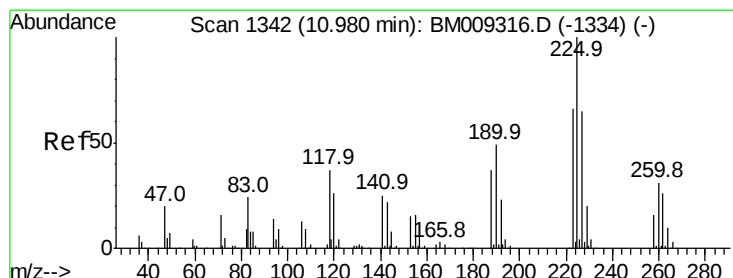
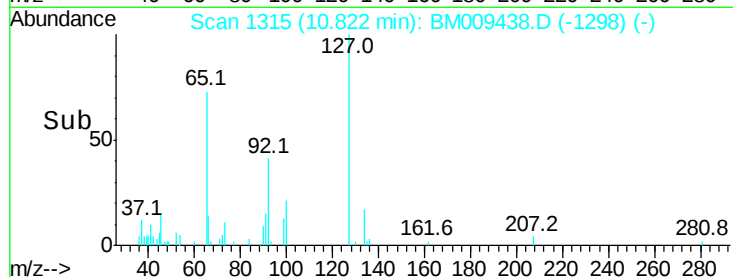
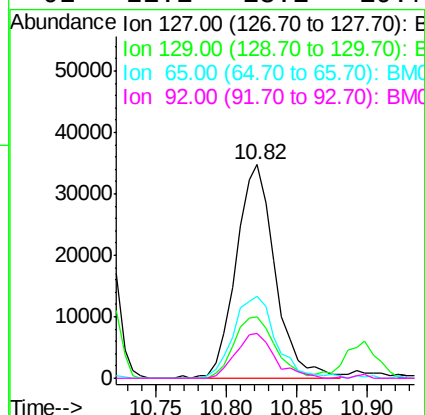
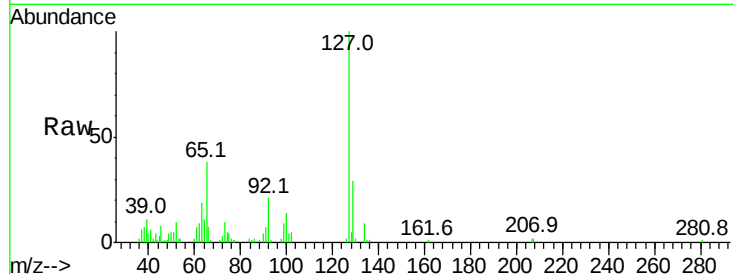
#33
4-Chloroaniline
Concen: 5.94 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampled :
HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	28.9	25.3	37.9	
65	38.3	17.6	26.4	
92	21.1	13.1	19.7	

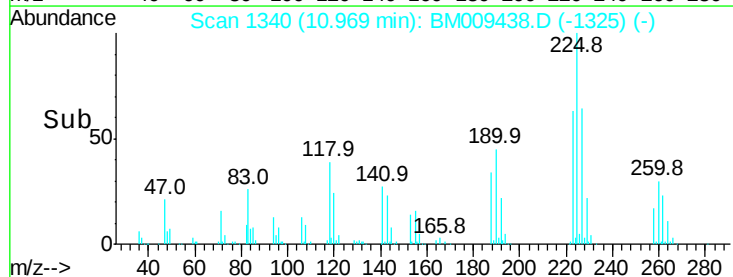
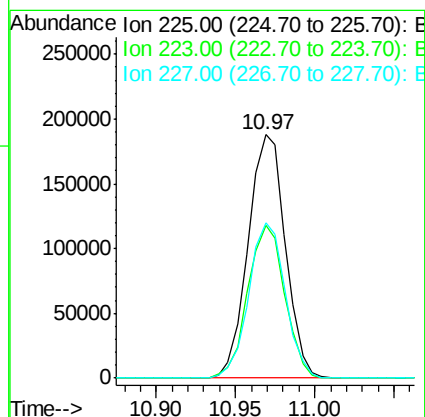
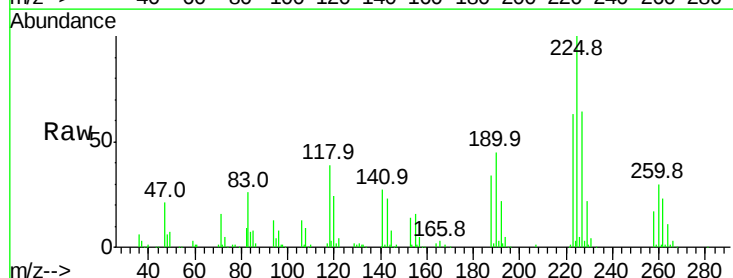
Manual Integrations
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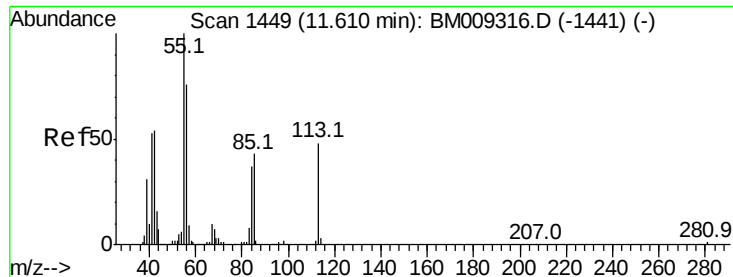
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#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	47.9	71.9	
227	63.9	50.1	75.1	





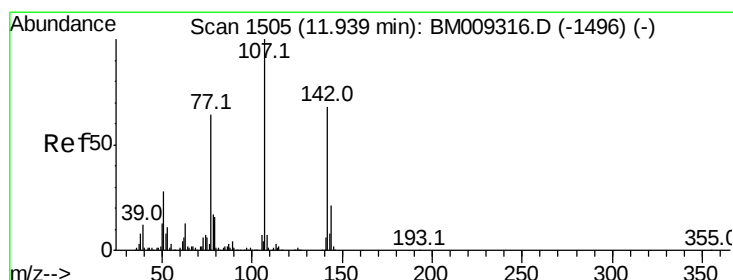
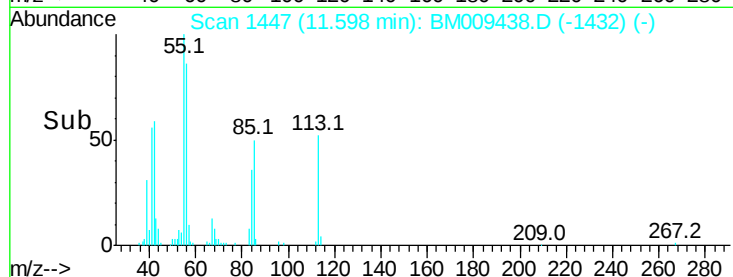
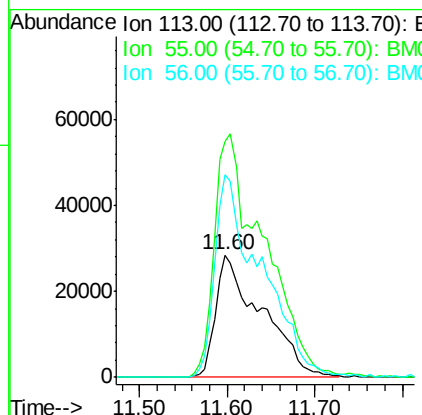
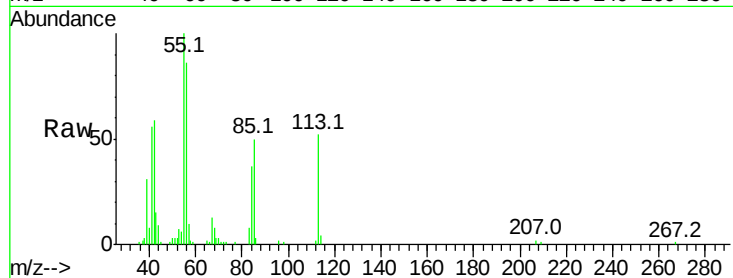
#35
 Caprolactam
 Concen: 40.06 ng/ml
 RT: 11.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.6	145.9	185.9#
56	166.2	101.0	141.0#

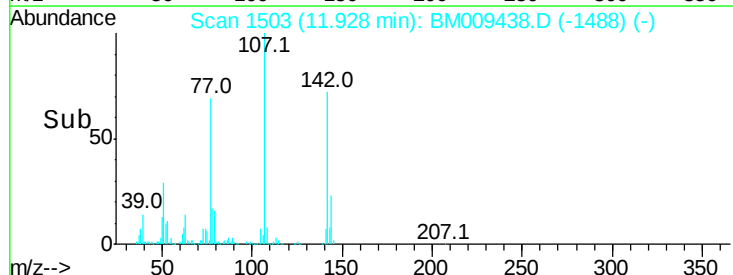
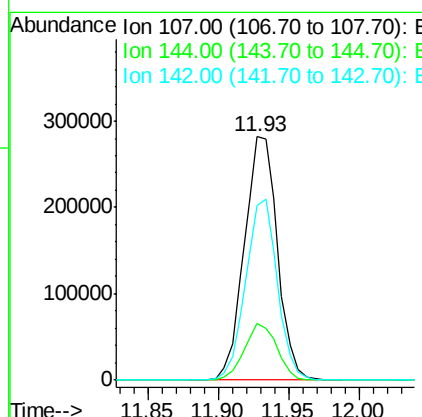
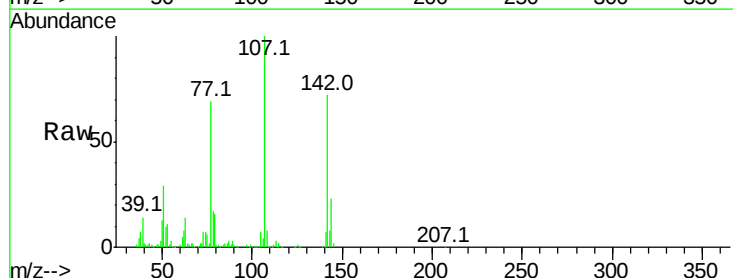
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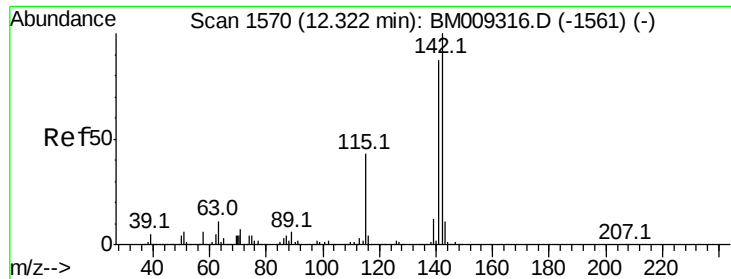
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#36
 4-Chloro-3-methylphenol
 Concen: 49.20 ng/ml
 RT: 11.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	23.3	34.9
142	71.9	72.6	109.0#





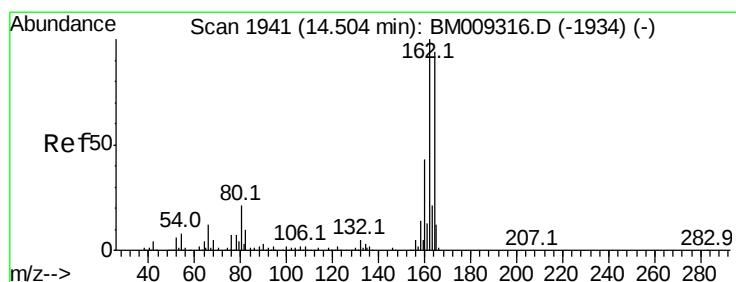
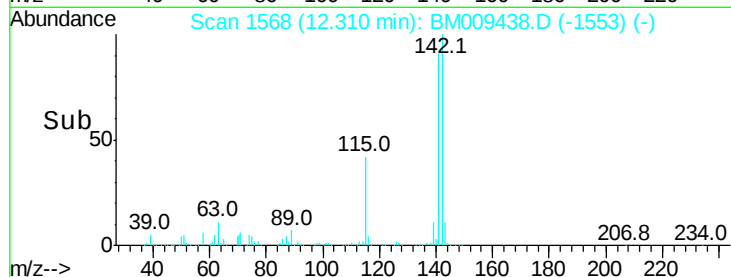
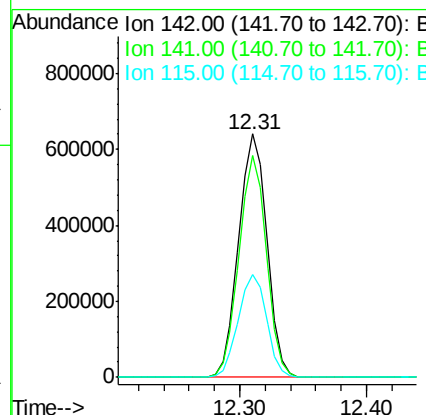
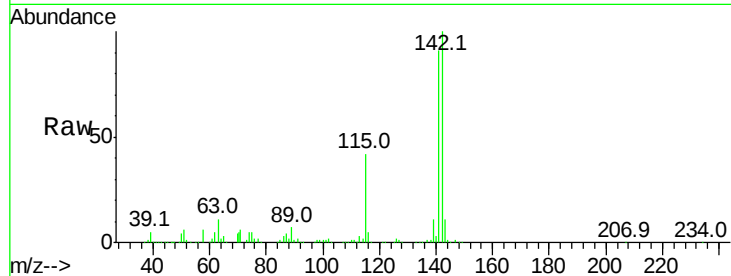
#37
2-Methylnaphthalene
Concen: 48.72 ng
RT: 12.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	42.1	25.4	38.0

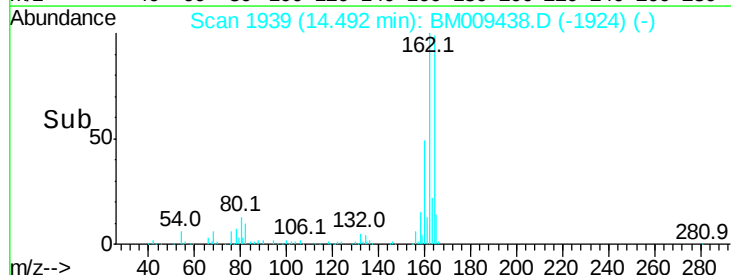
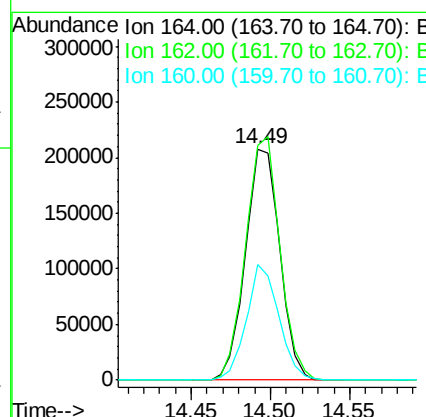
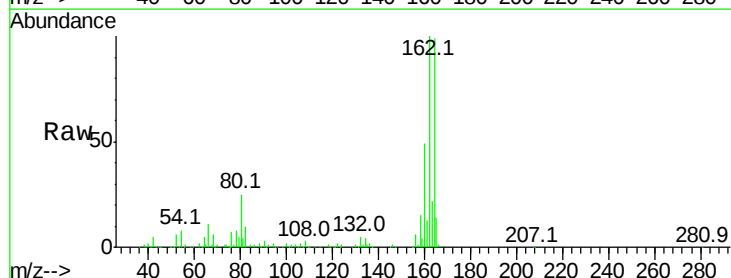
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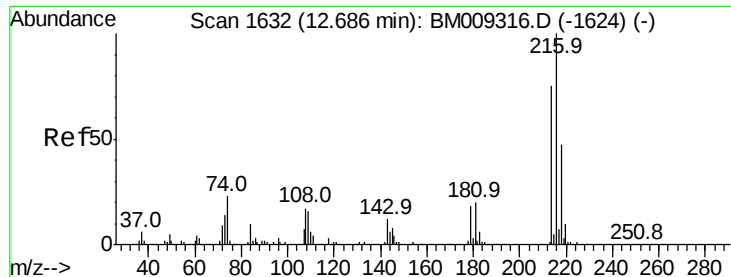
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	50.0	35.8	53.6





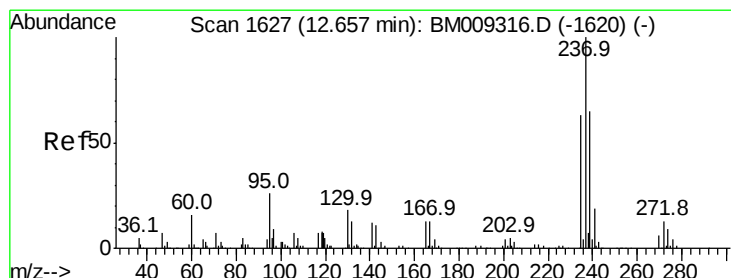
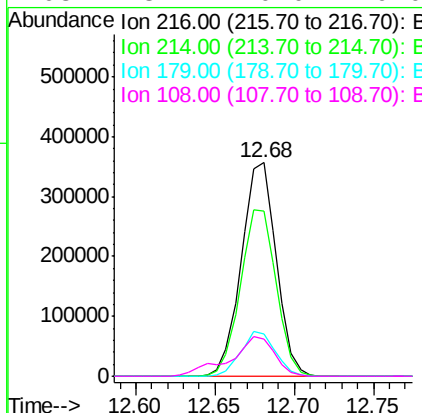
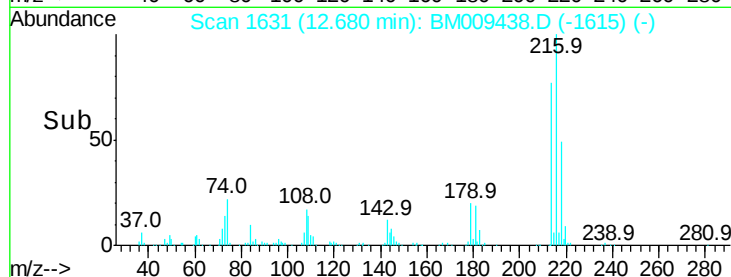
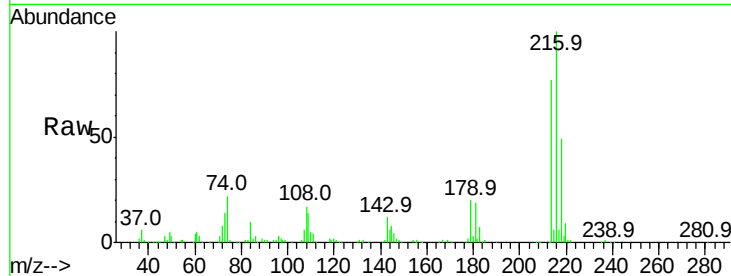
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.03 ng
 RT: 12.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	544061		
214	79.7	0.0	0.0	0.0
179	20.6	0.0	0.0	0.0
108	23.7	0.0	0.0	0.0

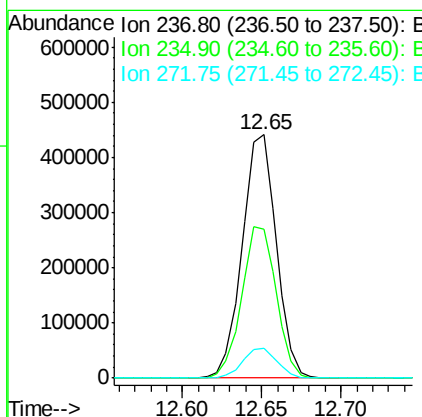
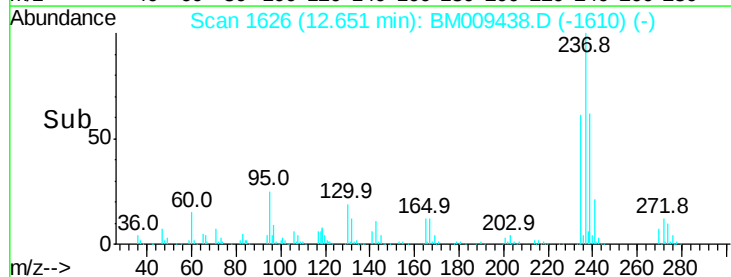
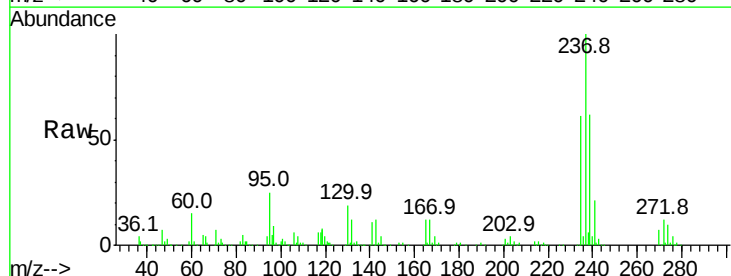
Manual Integrations
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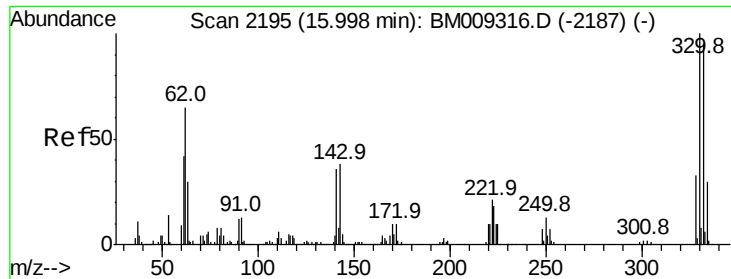
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#40
 Hexachlorocyclopentadiene
 Concen: 97.07 ng
 RT: 12.65 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	658562		
235	61.3	42.0	82.0	
272	12.4	0.0	33.4	





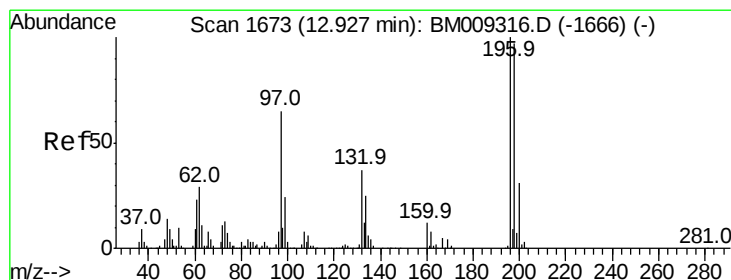
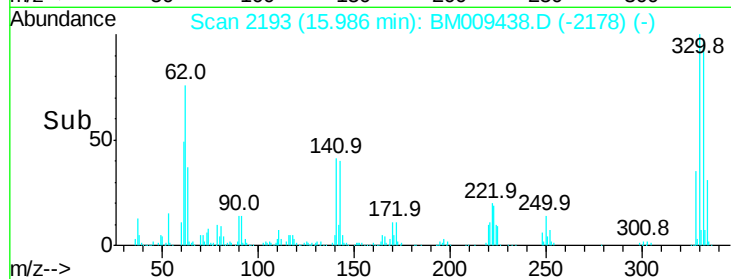
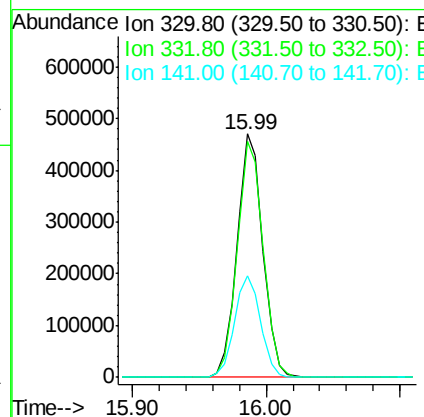
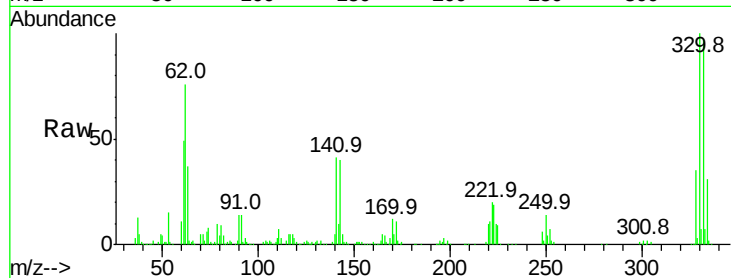
#41
 2,4,6-Tribromophenol
 Concen: 162.78 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.5	0.0	0.0#
141	42.2	0.0	0.0#

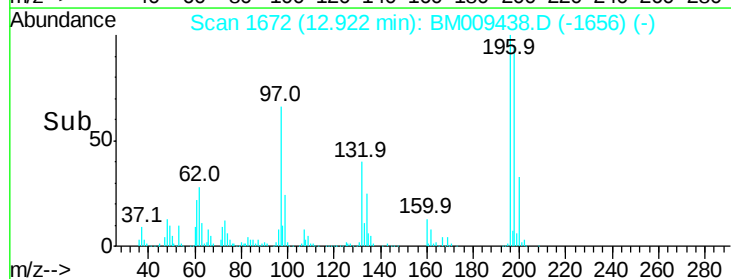
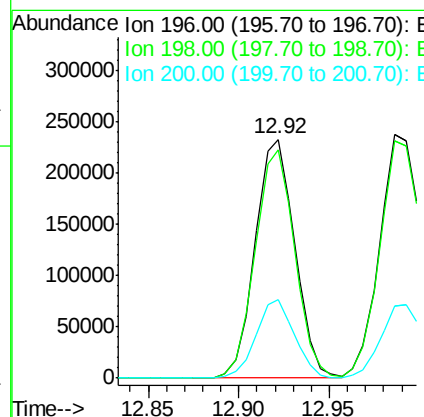
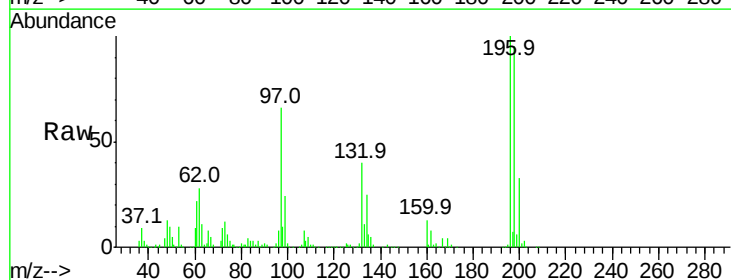
Manual Integrations
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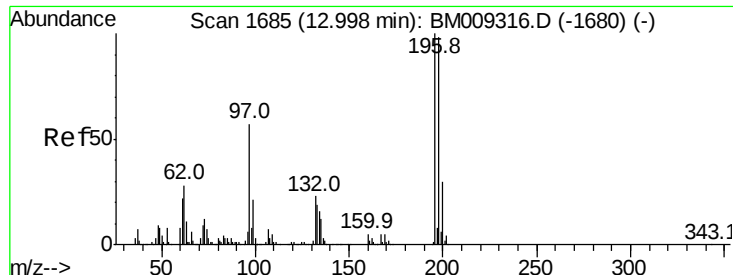
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#42
 2,4,6-Trichlorophenol
 Concen: 52.40 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.4	76.3	114.5
200	32.9	25.6	38.4





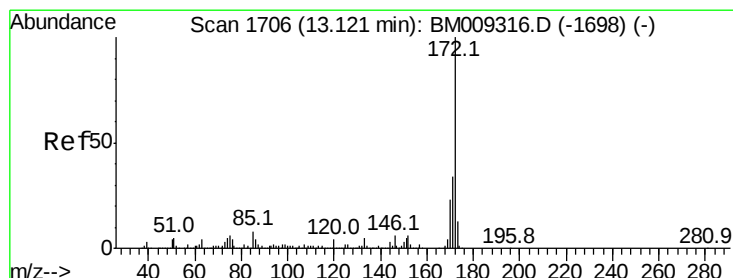
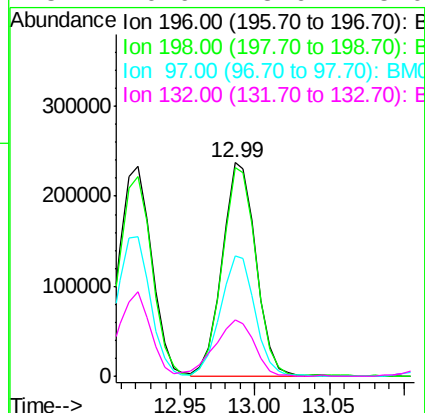
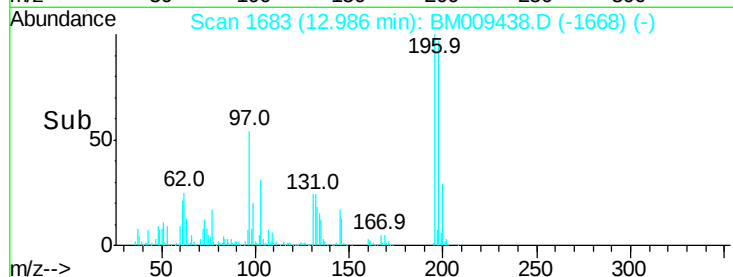
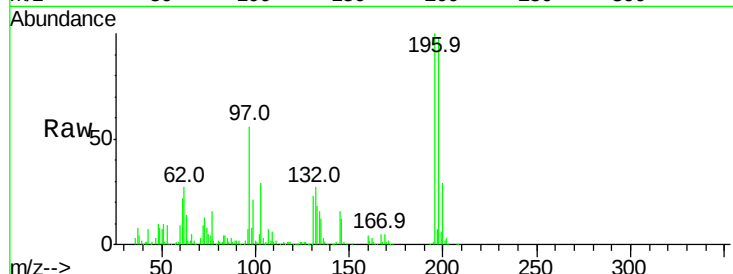
#43
2,4,5-Trichlorophenol
Concen: 49.84 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	79.4	119.0	
97	56.4	26.8	40.2	
132	26.6	18.6	28.0	

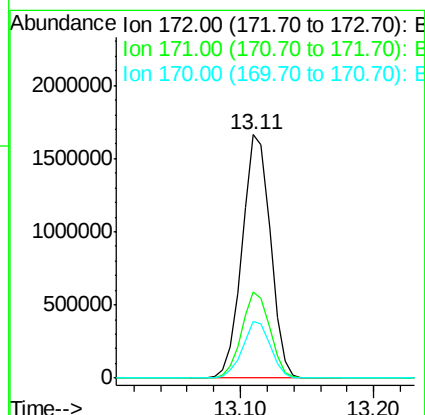
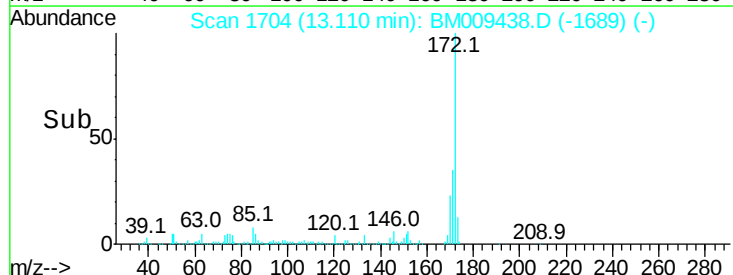
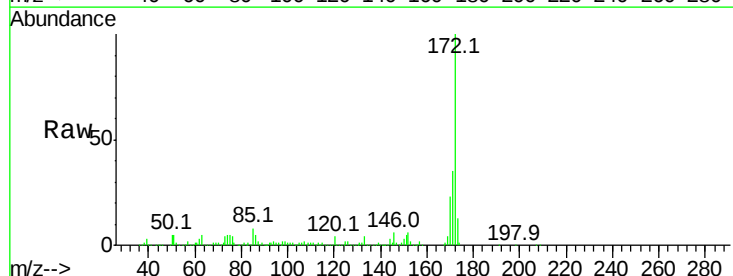
Manual Integrations
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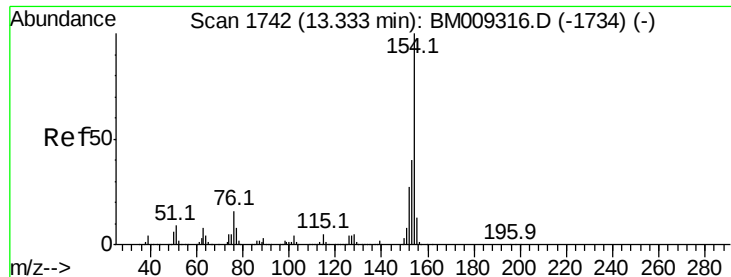
mohammad
3/31/2017 8:21:46 AM



#44
2-Fluorobiphenyl
Concen: 93.28 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.5	42.7	
170	23.1	18.8	28.2	





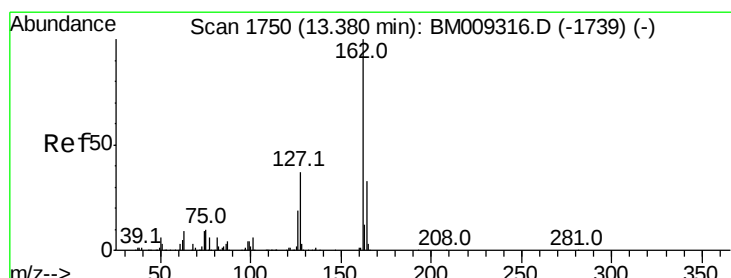
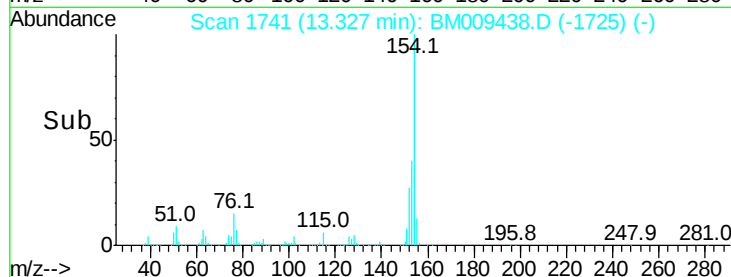
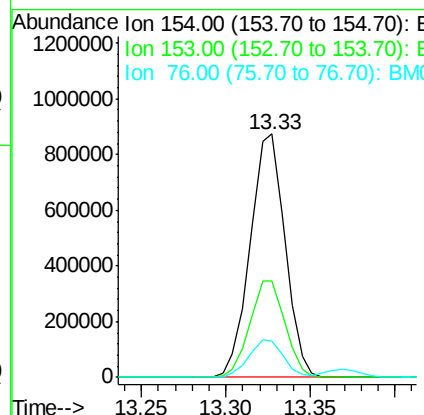
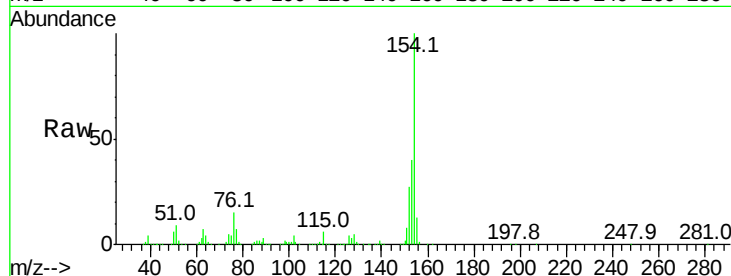
#45
 1,1'-Biphenyl
 Concen: 48.31 ng
 RT: 13.33 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.7	60.7
76	14.9	0.0	30.9

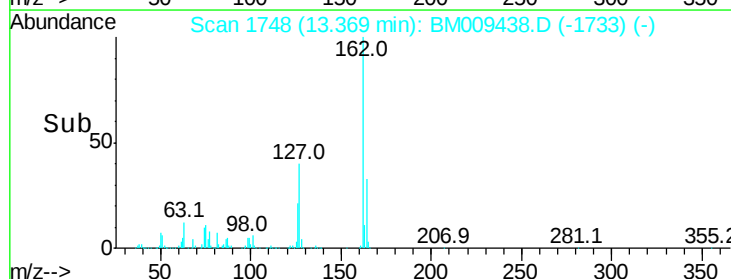
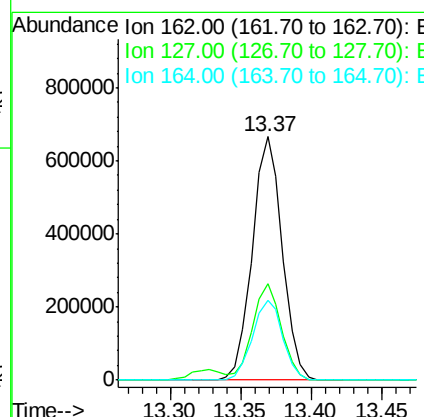
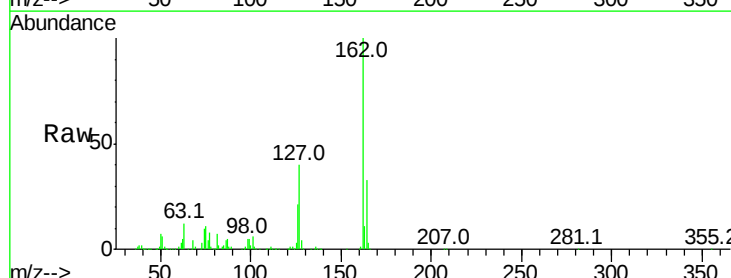
Manual Integrations
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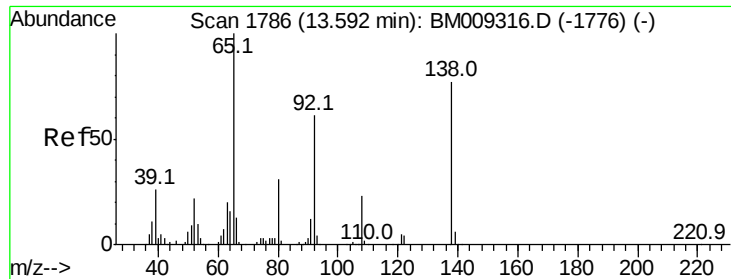
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#46
 2-Chloronaphthalene
 Concen: 48.96 ng
 RT: 13.37 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	26.9	40.3
164	32.6	26.8	40.2





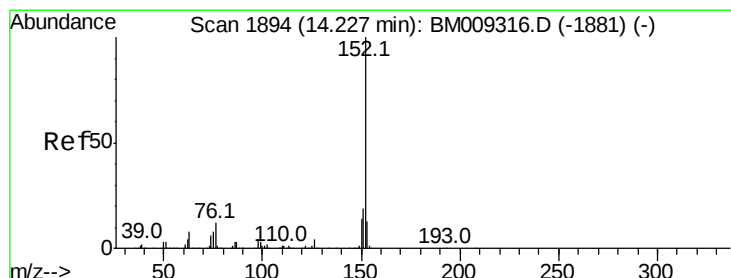
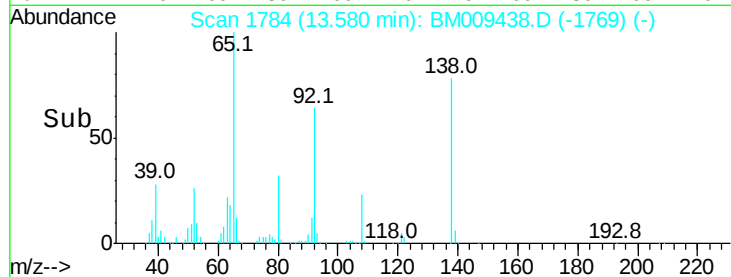
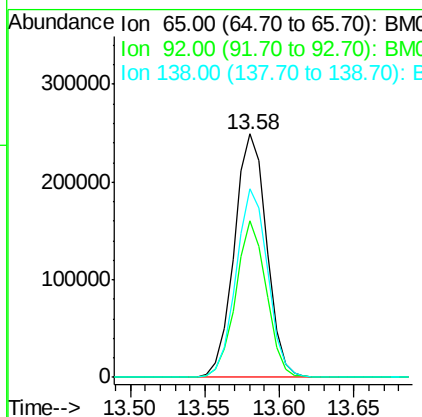
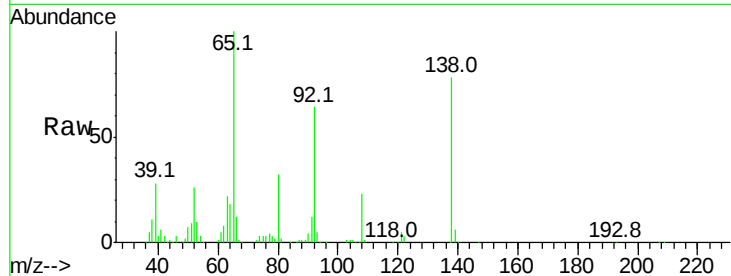
#47
2-Nitroaniline
Concen: 50.50 ng
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	59.1	88.7
138	77.5	93.9	140.9

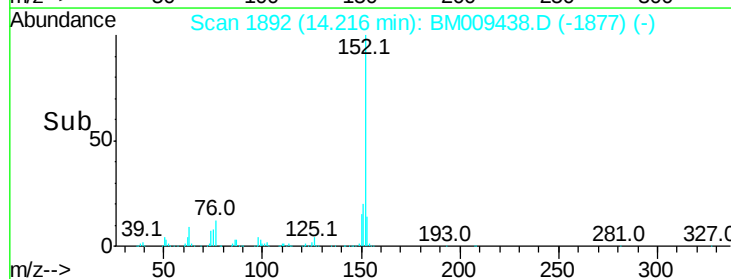
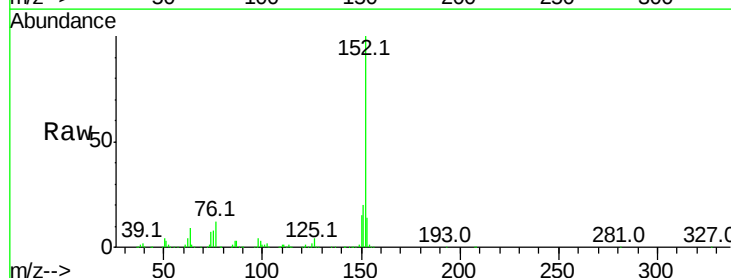
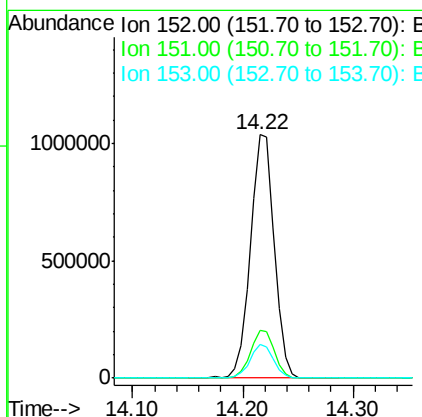
Manual Integrations
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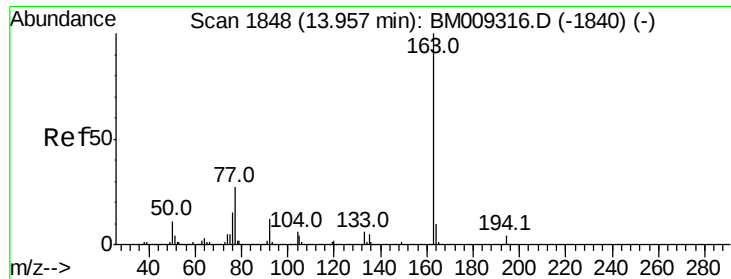
mohammad
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#48
Acenaphthylene
Concen: 47.70 ng
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.6	10.6	16.0





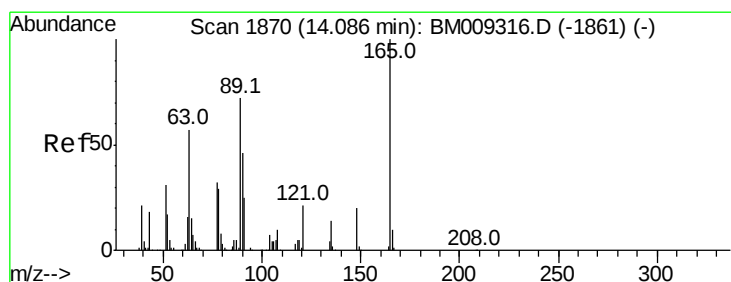
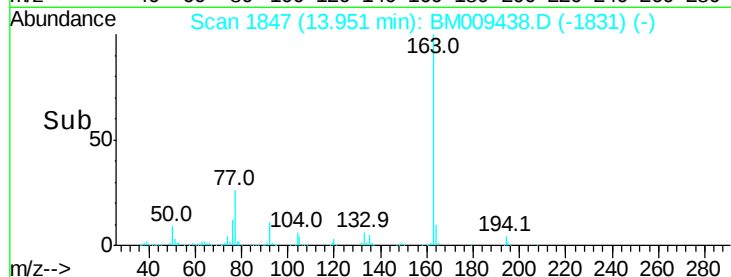
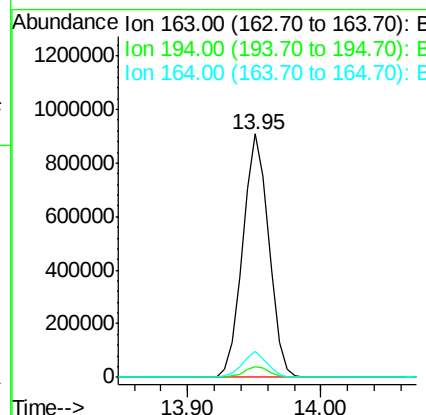
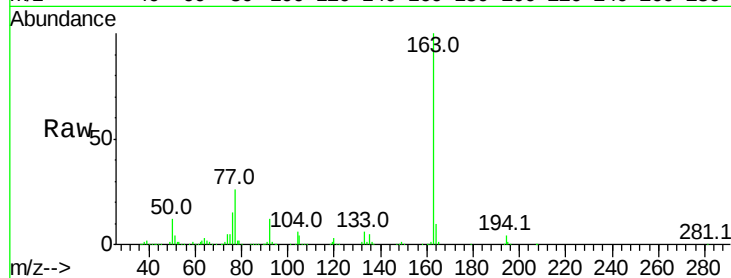
#49
Dimethylphthalate
Concen: 51.01 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion:163 Resp: 1226186
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.4 8.2 12.2

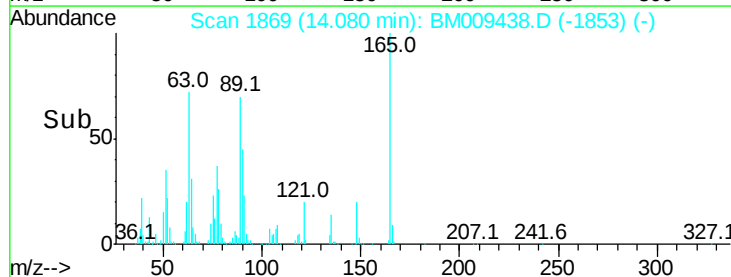
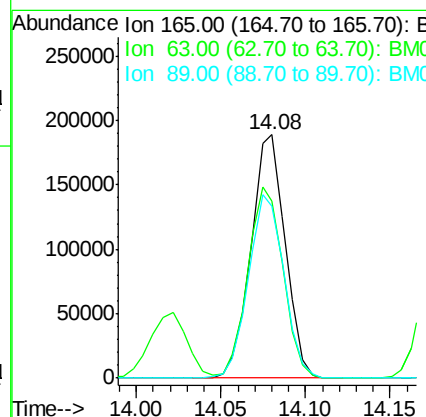
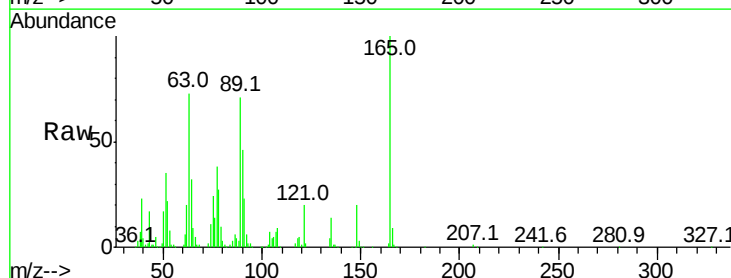
Manual Integrations
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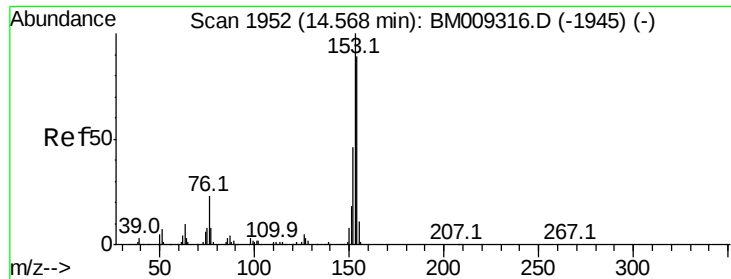
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#50
2,6-Dinitrotoluene
Concen: 51.47 ng
RT: 14.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion:165 Resp: 266627
Ion Ratio Lower Upper
165 100
63 72.7 44.1 66.1#
89 70.6 44.3 66.5#





#51

Acenaphthene

Concen: 48.95 ng

RT: 14.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

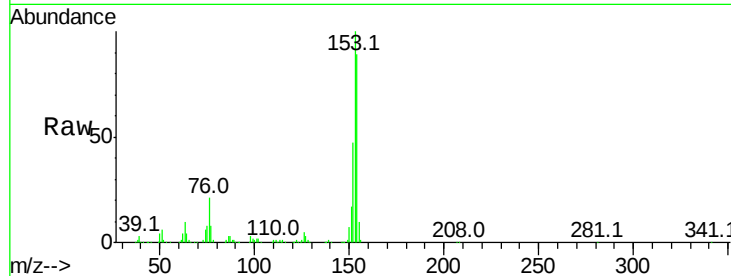
ClientSampled :

HSP-01MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.0	135.0
152	52.4	42.6	63.8

Manual Integrations
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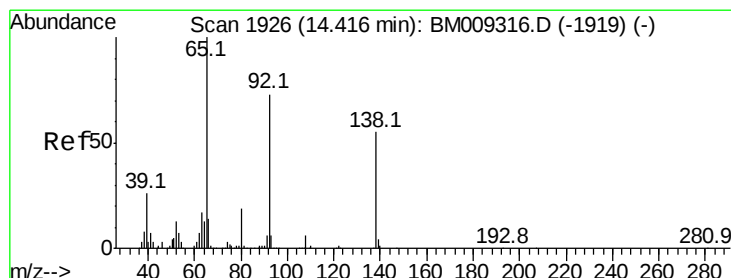
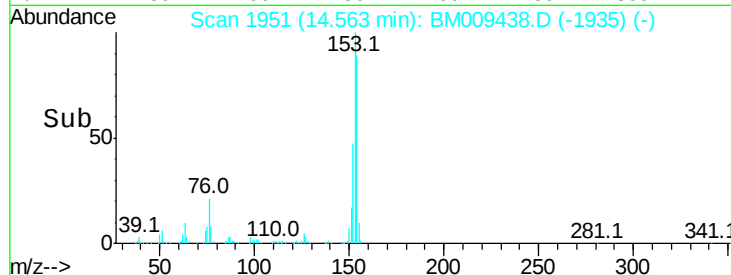
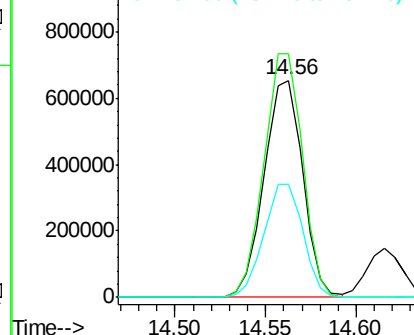


Abundance

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: 22.82 ng

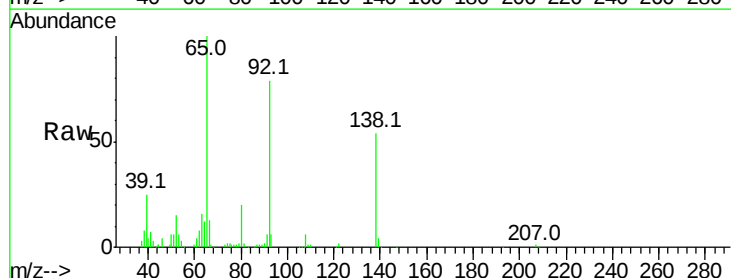
RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.3	10.9#
92	145.6	76.6	114.8#

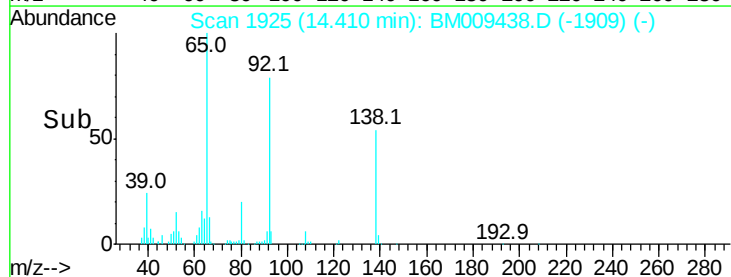
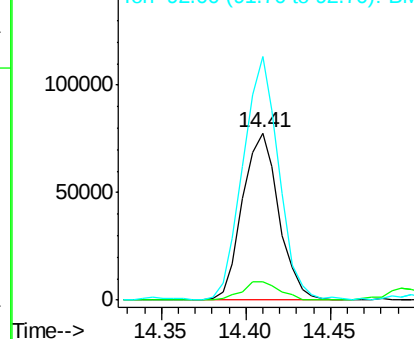


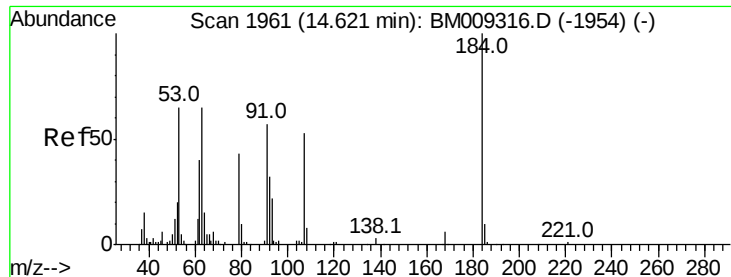
Abundance

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): E





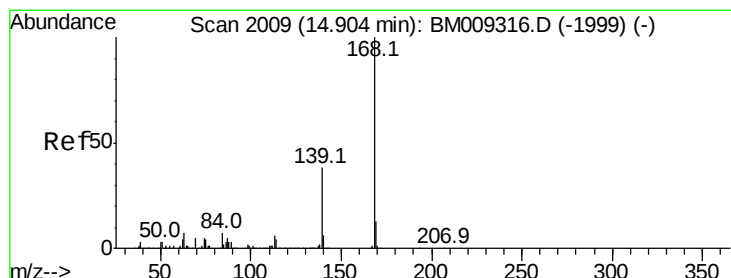
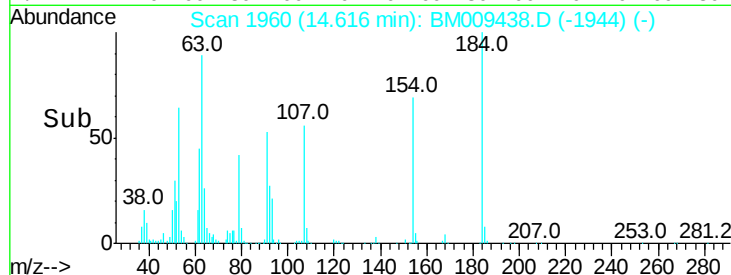
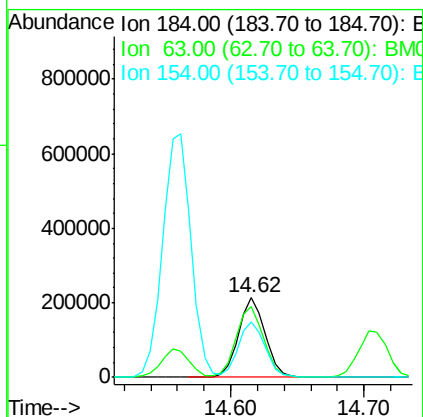
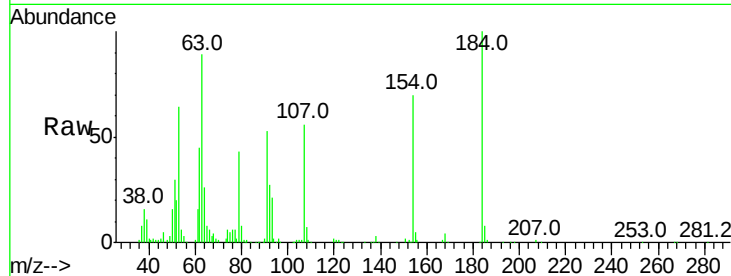
#53
2,4-Dinitrophenol
Concen: 83.99 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	294474		
63	89.2	69.2	103.8	
154	69.6	53.3	79.9	

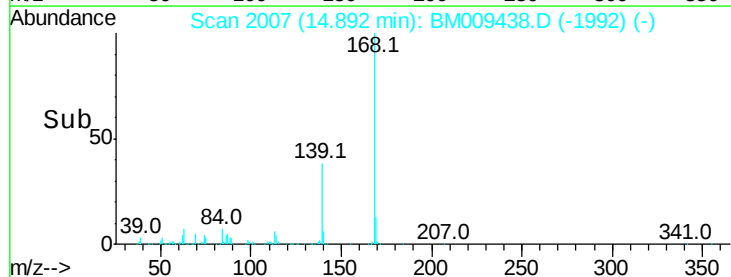
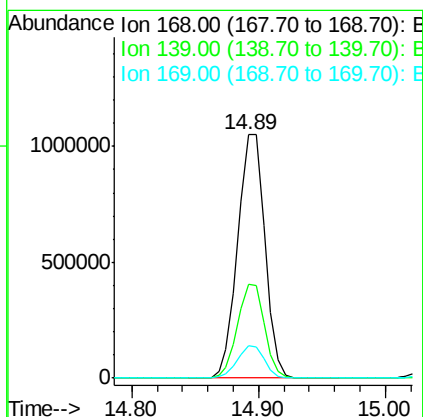
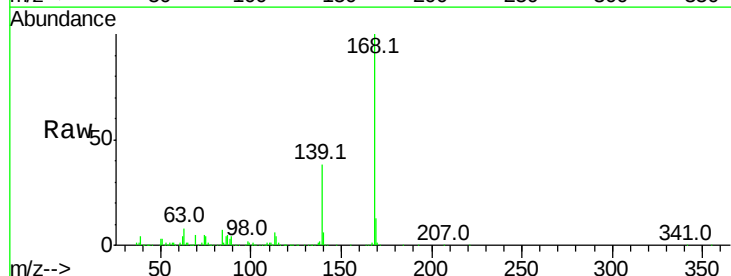
Manual Integrations
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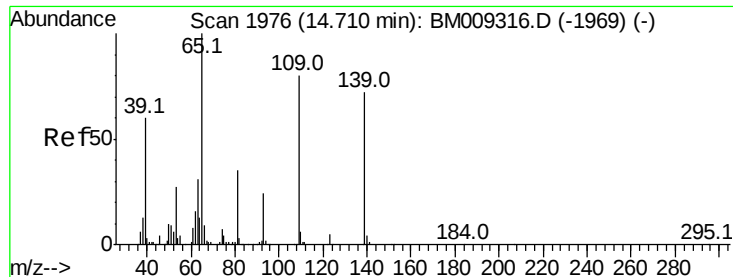
mohammad
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#54
Dibenzofuran
Concen: 53.19 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1564596		
139	38.4	27.3	40.9	
169	13.2	10.6	16.0	





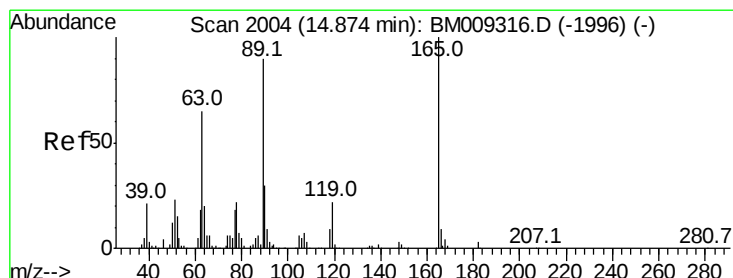
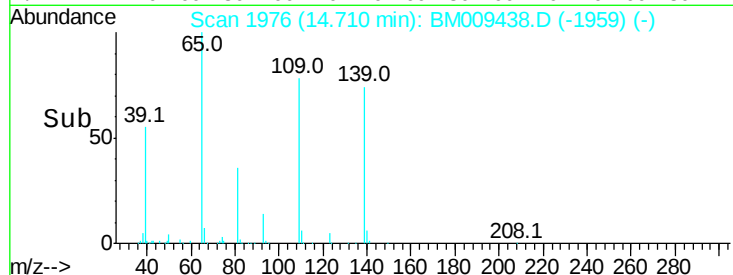
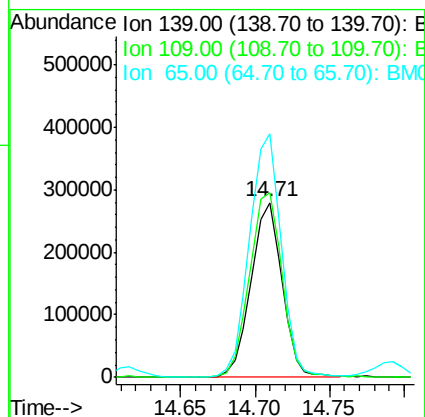
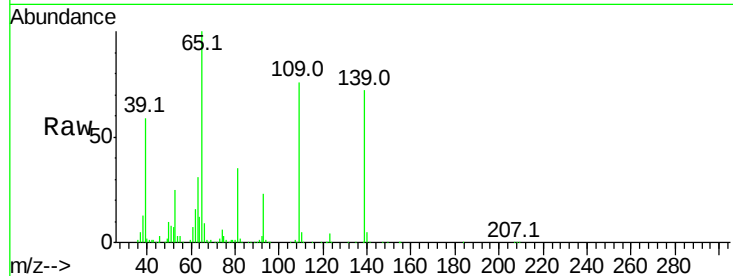
#55
4-Nitrophenol
Concen: 95.15 ng
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampled :
HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	105.7	37.7	77.7#	
65	139.2	49.9	89.9#	

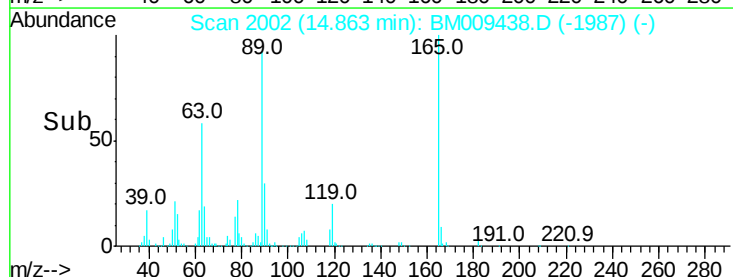
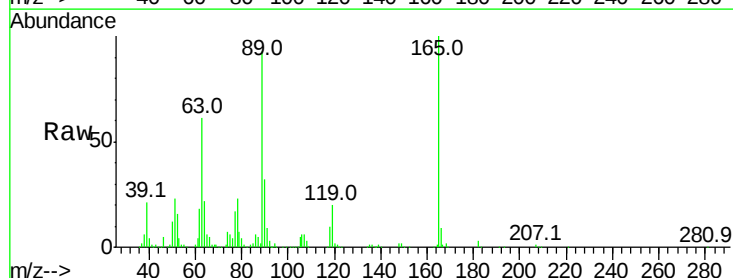
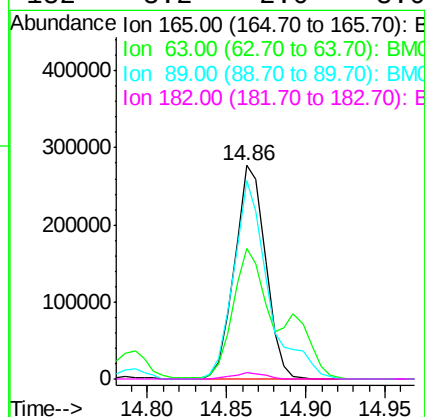
Manual Integrations
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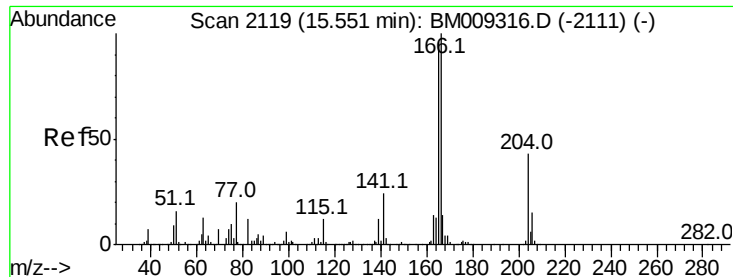
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#56
2,4-Dinitrotoluene
Concen: 53.40 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.2	52.4	78.6	
89	93.1	72.4	108.6	
182	3.2	2.0	3.0#	





#57

Fluorene

Concen: 48.71 ng

RT: 15.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

ClientSampleId :

HSP-01MSD

Tot Ion:166 Resp: 1287663

Ion Ratio Lower Upper

166 100

165 96.4 79.0 118.4

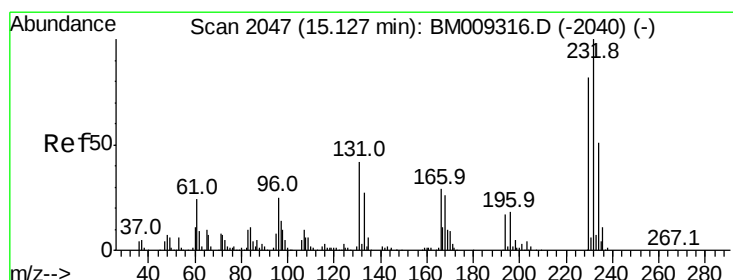
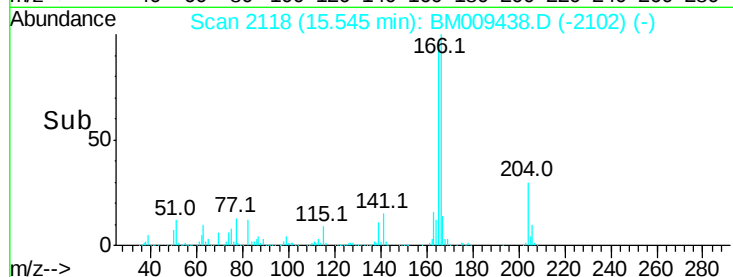
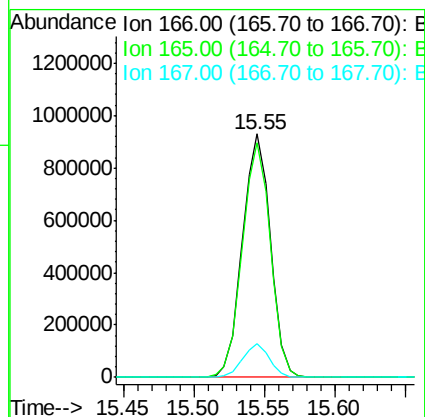
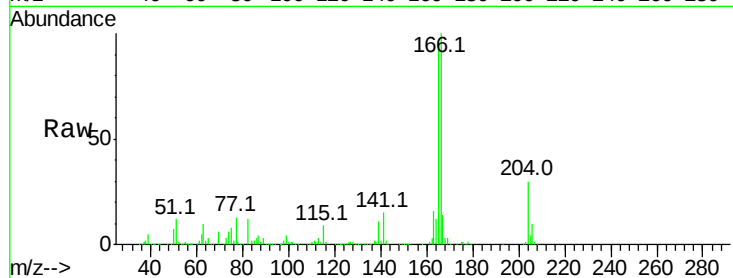
167 13.6 10.3 15.5

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.34 ng

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion:232 Resp: 346580

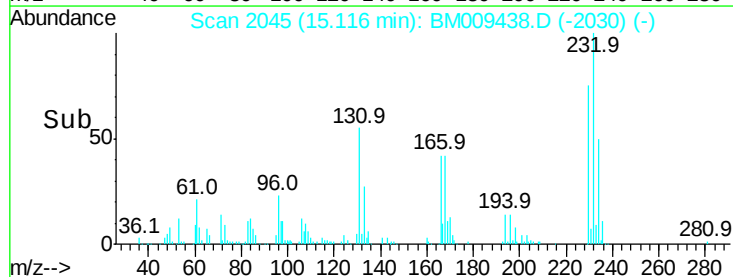
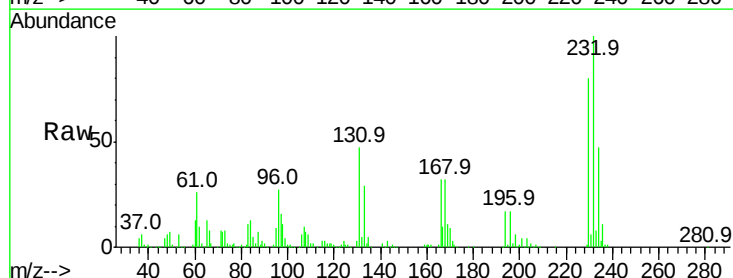
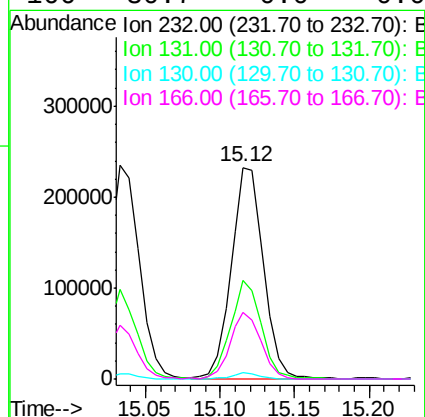
Ion Ratio Lower Upper

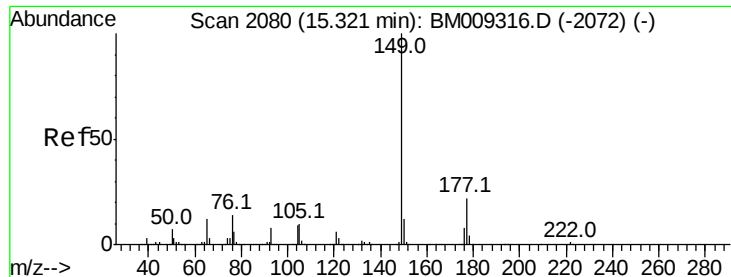
232 100

131 44.3 0.0 0.0#

130 2.7 0.0 0.0#

166 30.7 0.0 0.0#





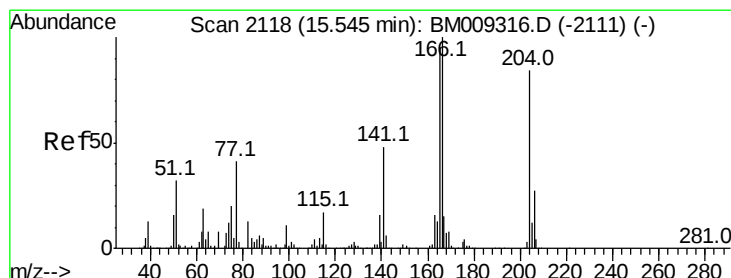
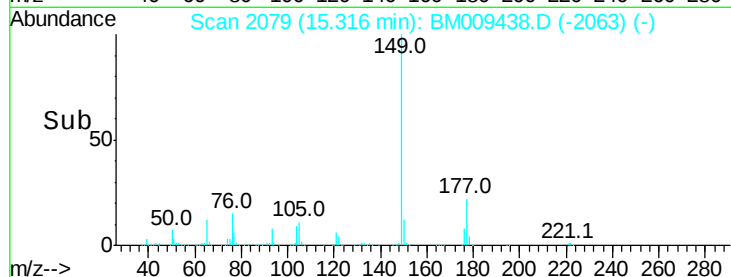
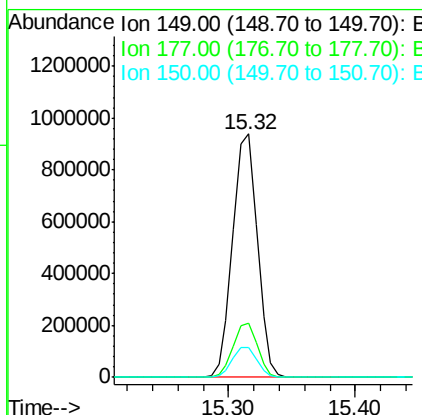
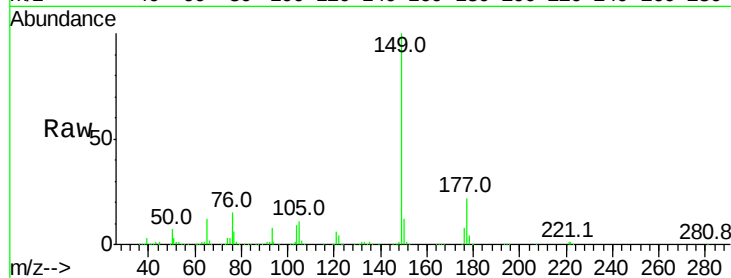
#59
Diethylphthalate
Concen: 51.69 ng
RT: 15.32 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.3	27.5
150	12.3	9.8	14.8

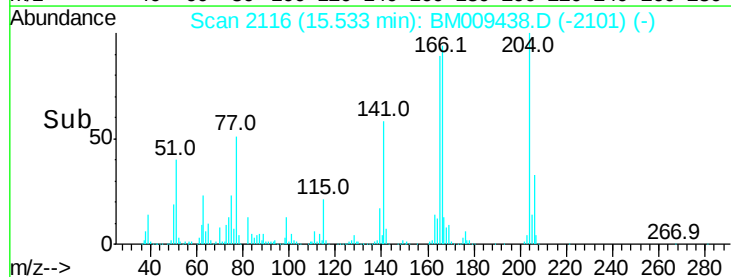
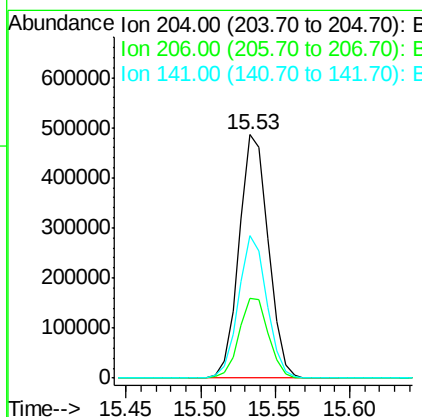
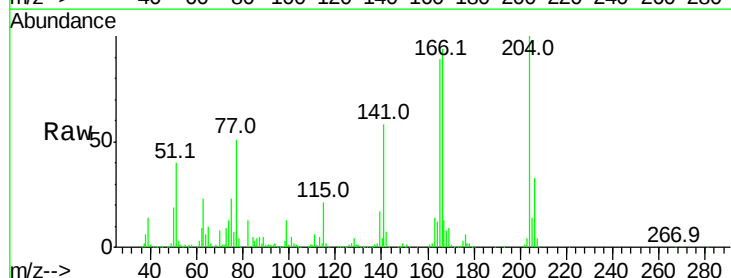
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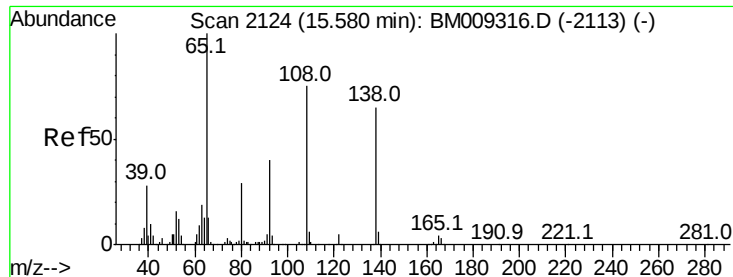
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.72 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	58.4	45.2	67.8





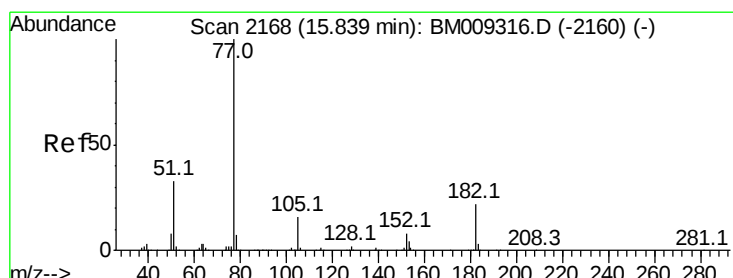
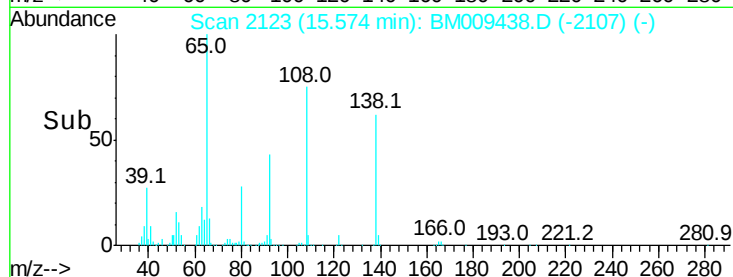
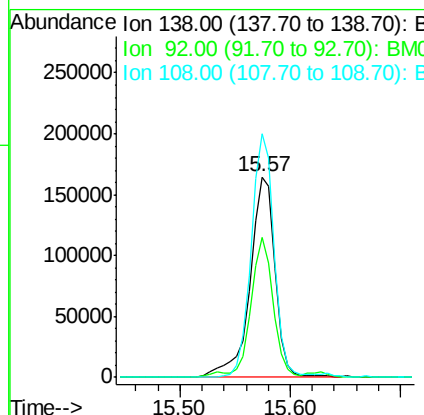
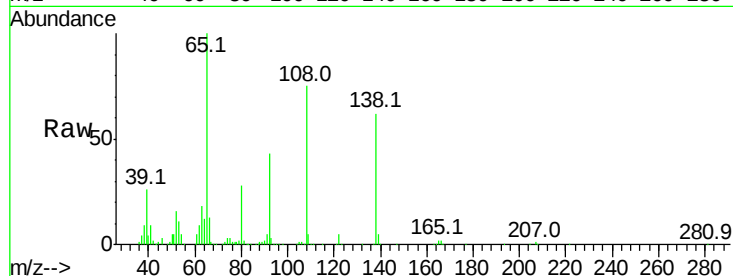
#61
4-Nitroaniline
Concen: 47.54 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	69.9	16.7	56.7#
108	121.3	37.6	77.6#

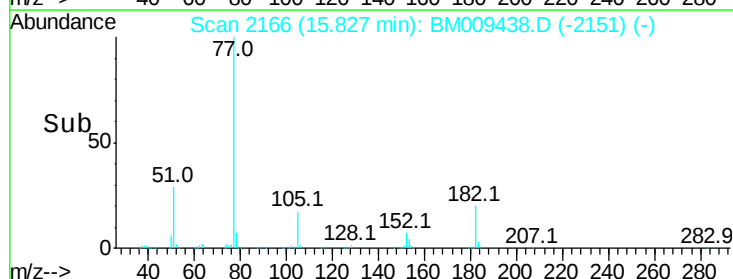
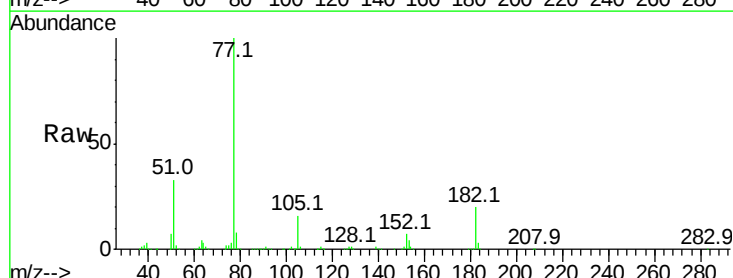
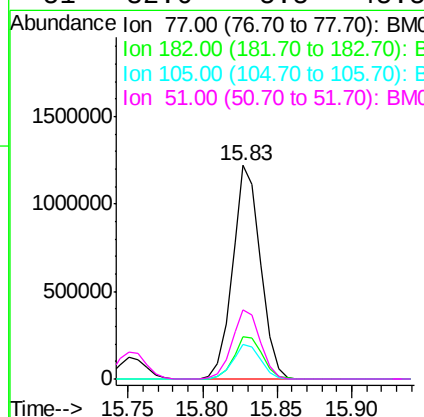
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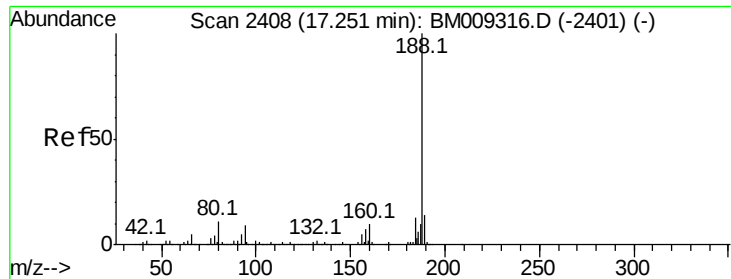
mohammad
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#62
Azobenzene
Concen: 55.72 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	6.5	46.5
105	16.3	3.8	43.8
51	32.6	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

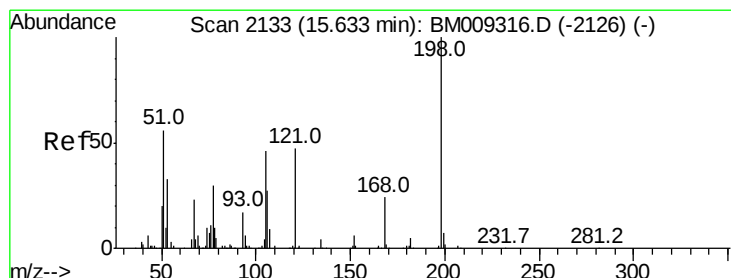
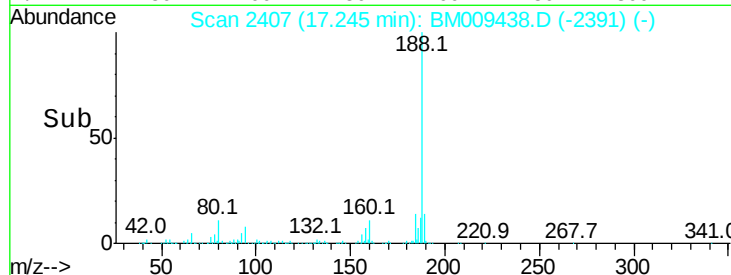
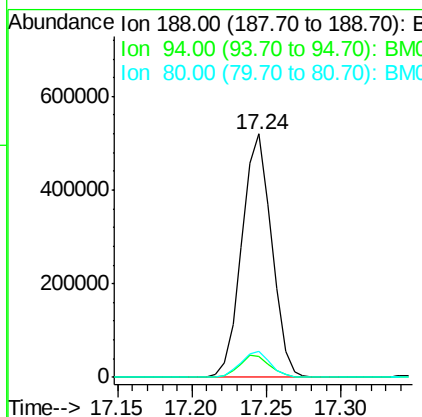
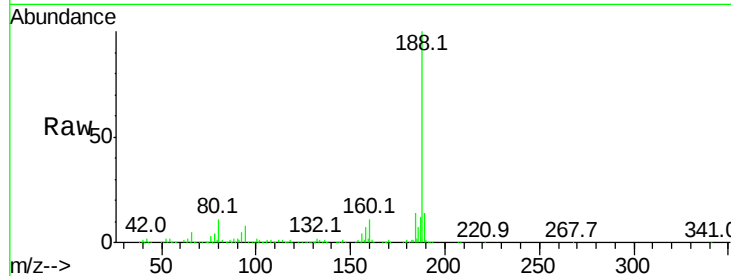
ClientSampleId :

HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	719143		
94	8.4		8.7	13.1#
80	10.7		9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.43 ng

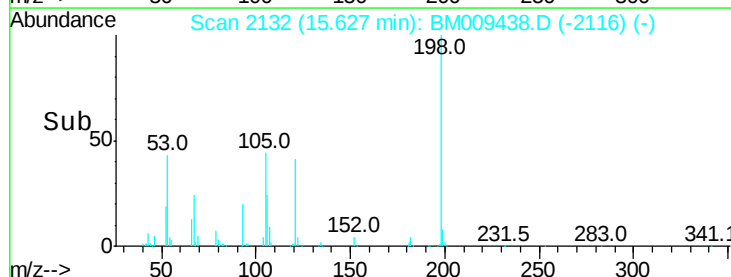
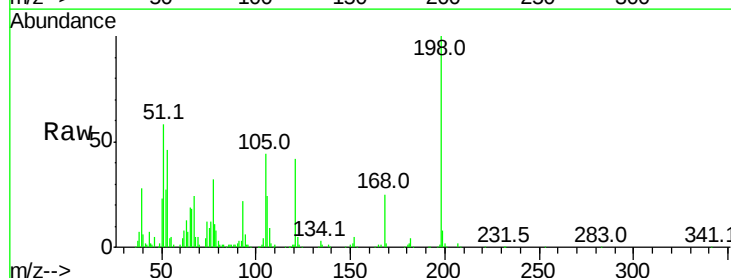
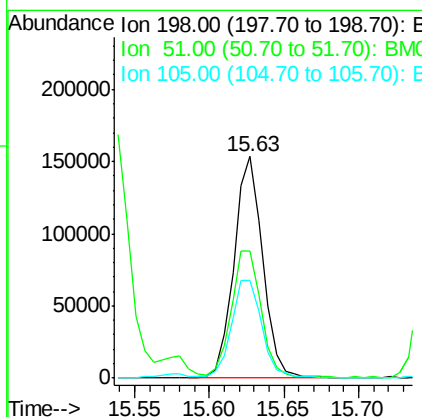
RT: 15.63 min Scan# 2132

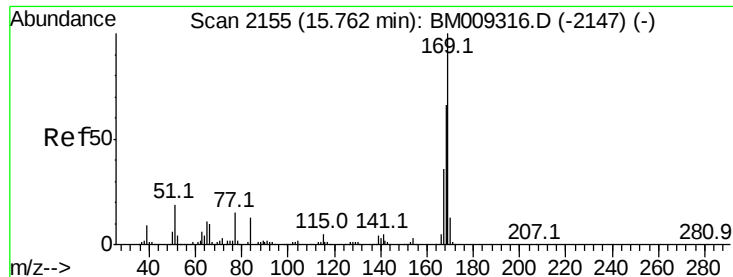
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	205818		
51	57.6		28.8	68.8
105	44.1		30.5	70.5





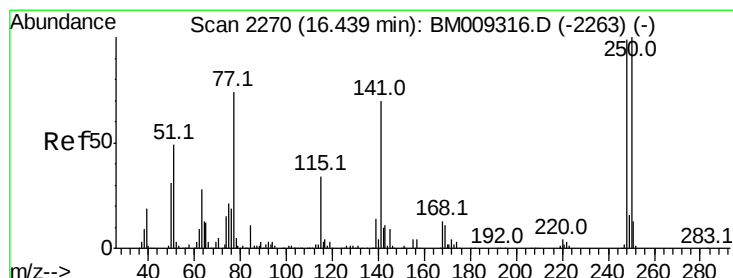
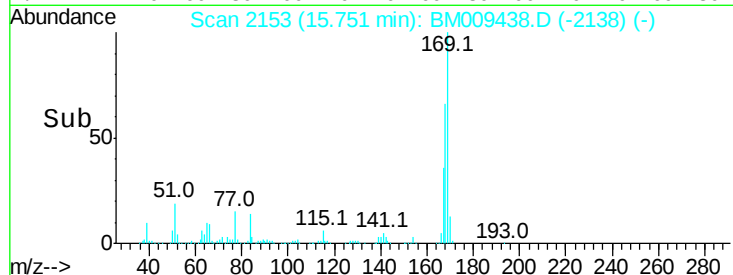
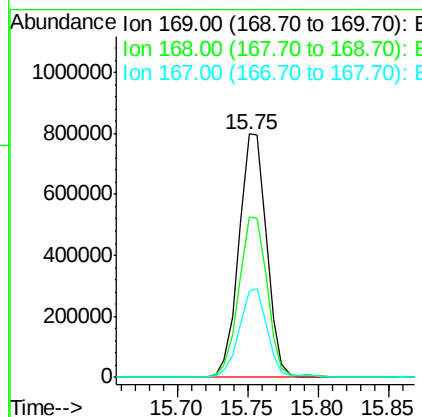
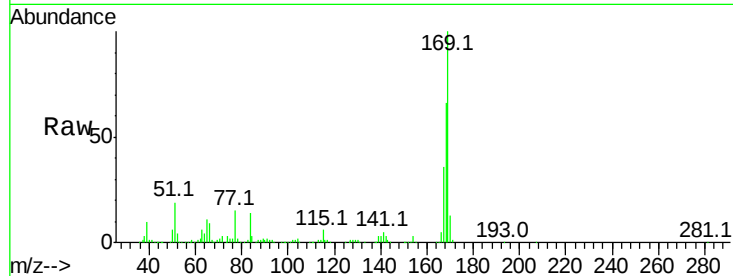
#65
n-Nitrosodiphenylamine
Concen: 49.97 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.9	80.9
167	35.5	28.9	43.3

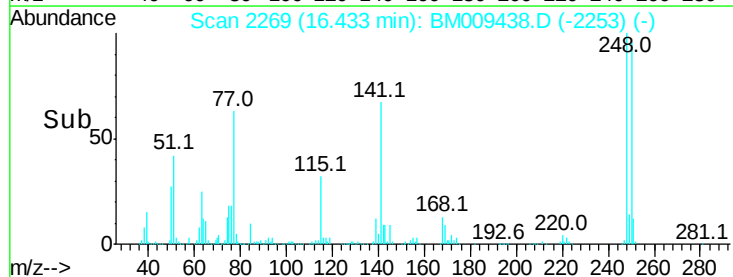
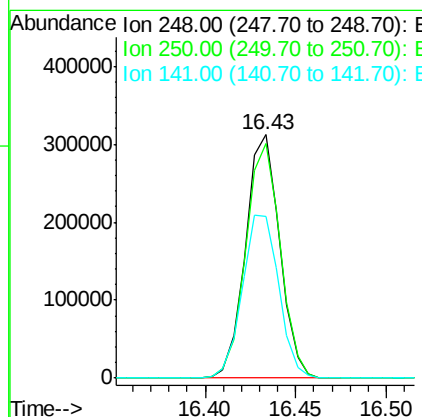
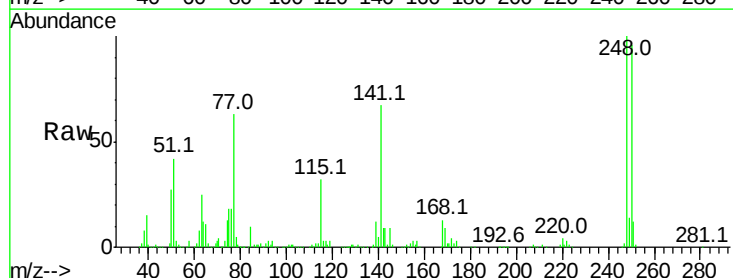
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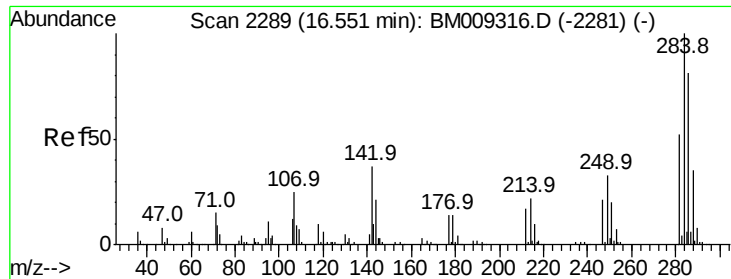
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#66
4-Bromophenyl-phenylether
Concen: 49.13 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.0
141	66.5	45.2	67.8





#67

Hexachlorobenzene

Concen: 49.06 ng

RT: 16.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

ClientSampleId :

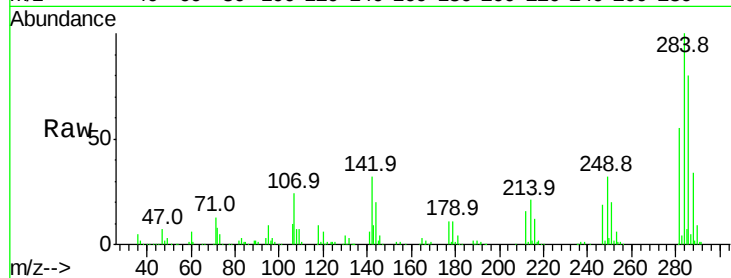
HSP-01MSD

Tot Ion:284 Resp: 448010
Ion Ratio Lower Upper

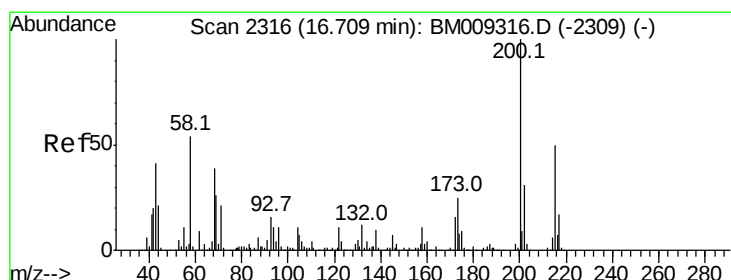
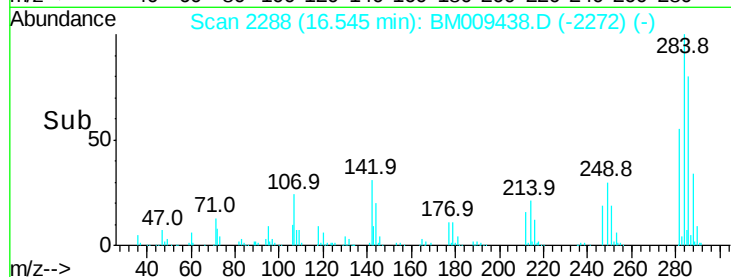
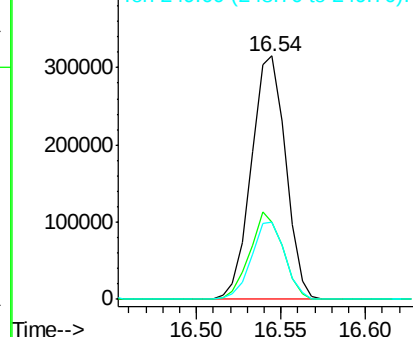
284	100		
142	32.0	20.4	30.6#
249	31.6	23.8	35.6

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



#68

Atrazine

Concen: 47.36 ng

RT: 16.70 min Scan# 2315

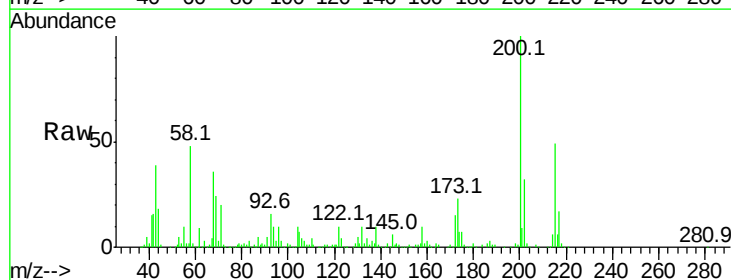
Delta R.T. -0.01 min

Lab File: BM009438.D

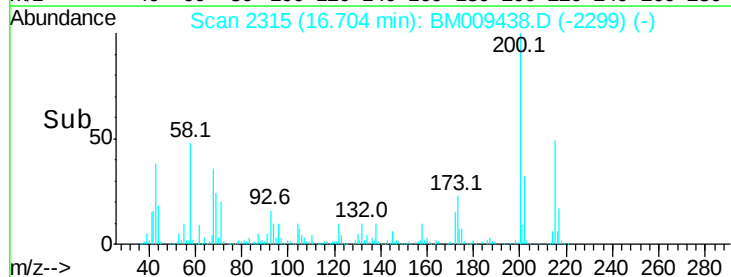
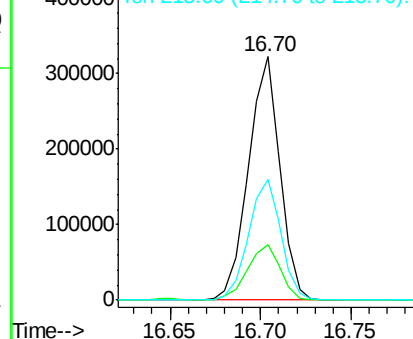
Acq: 29 Mar 2017 18:35

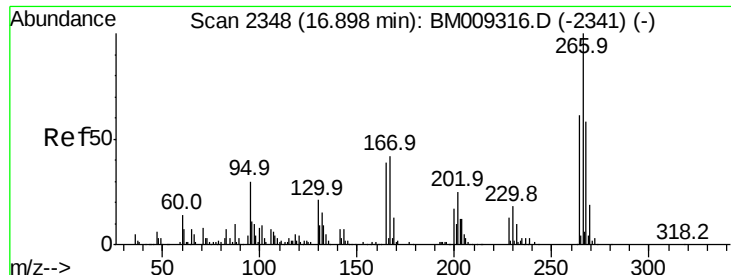
Tgt Ion:200 Resp: 389061
Ion Ratio Lower Upper

200	100		
173	23.0	4.8	44.8
215	49.4	26.9	66.9



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





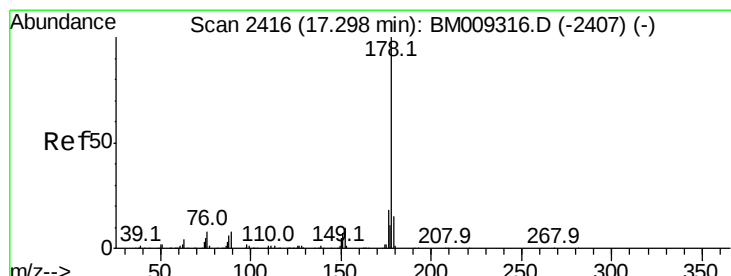
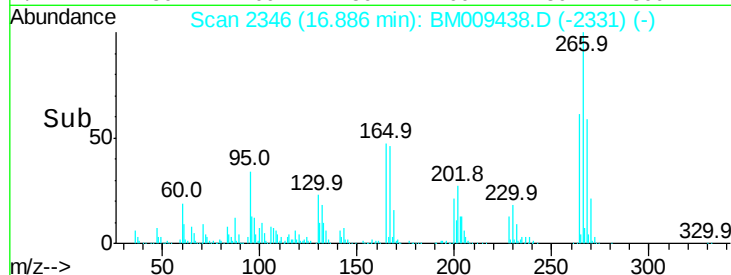
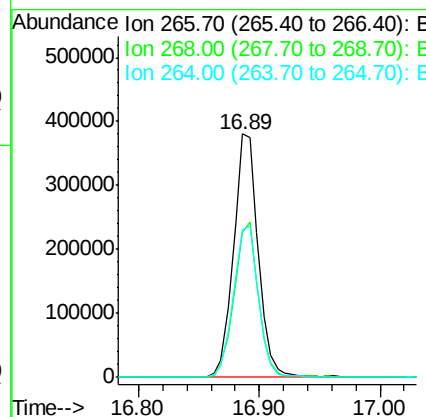
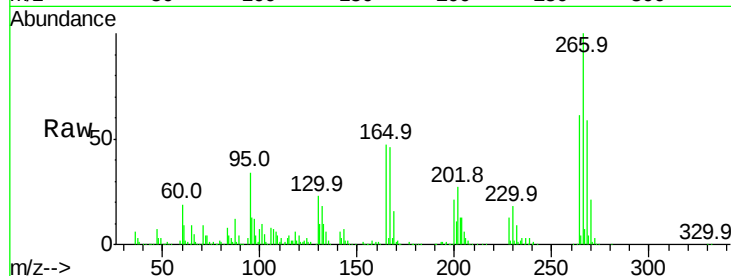
#69
 Pentachlorophenol
 Concen: 97.20 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampled :
 HSP-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	542294		
268	59.4	52.0	78.0	
264	60.6	49.0	73.4	

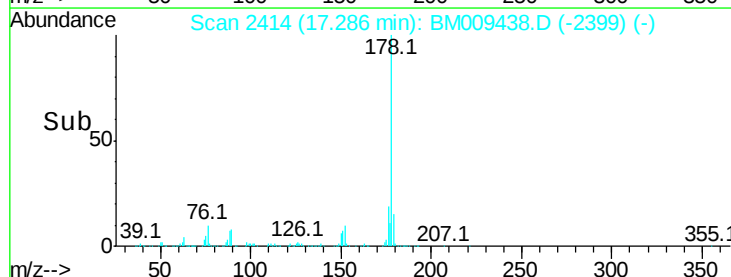
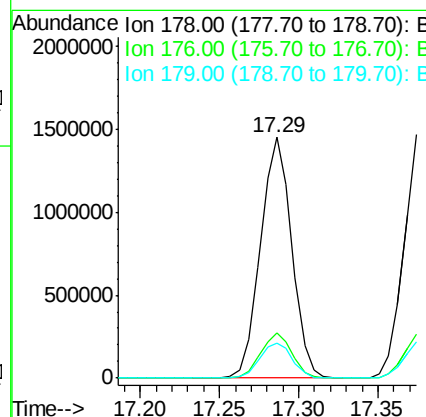
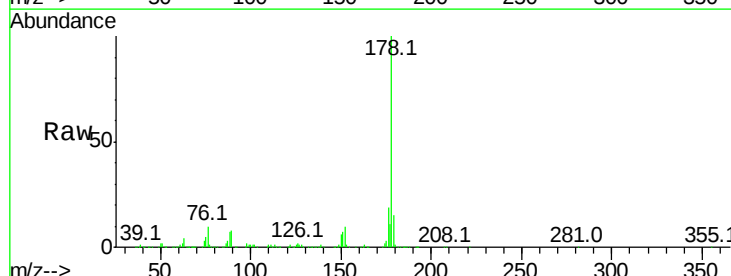
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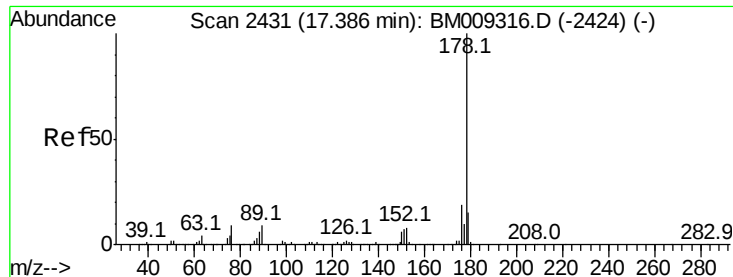
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#70
 Phenanthrene
 Concen: 48.49 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1993928		
176	19.0	15.2	22.8	
179	14.7	12.1	18.1	





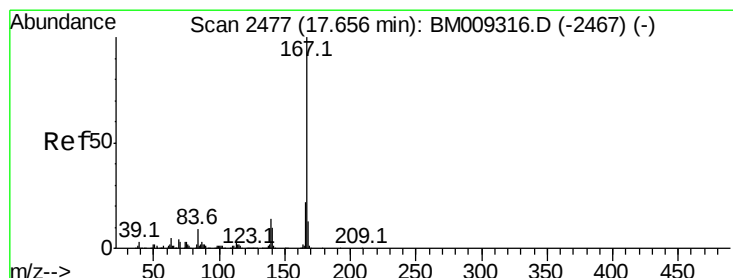
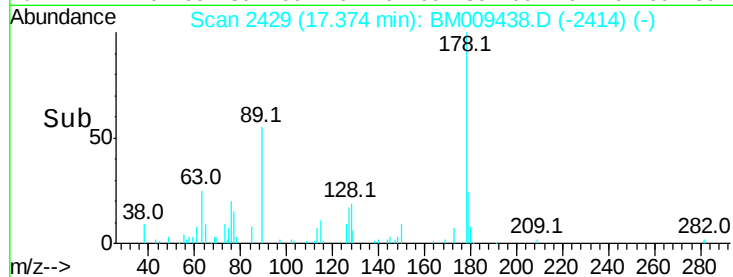
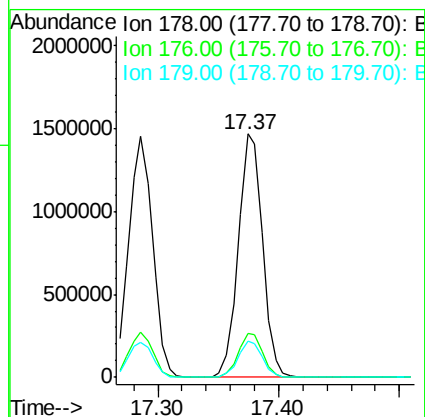
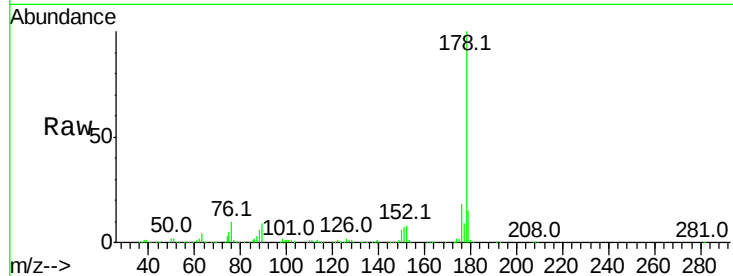
#71
 Anthracene
 Concen: 49.45 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	14.9	12.6	19.0

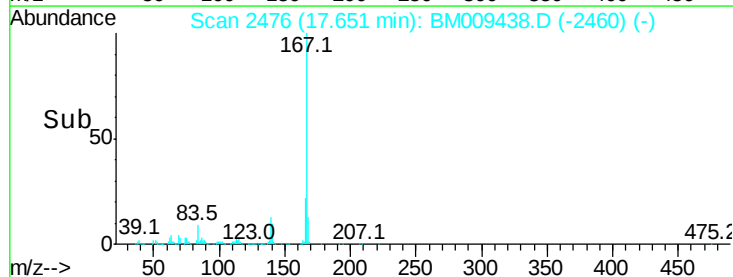
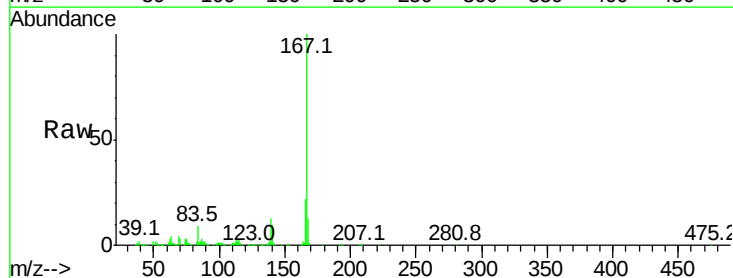
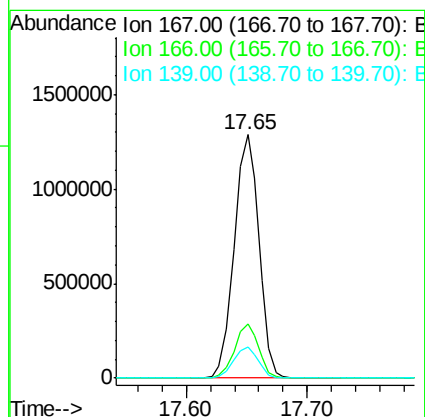
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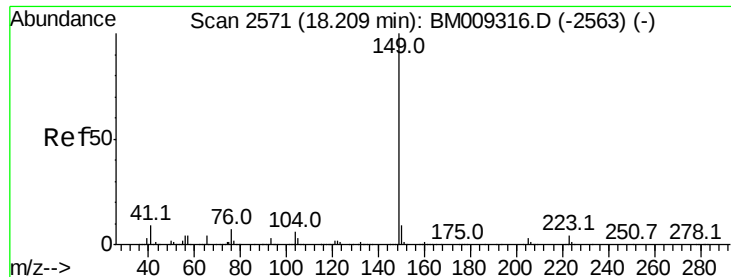
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#72
 Carbazole
 Concen: 46.20 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	12.5	10.8	16.2





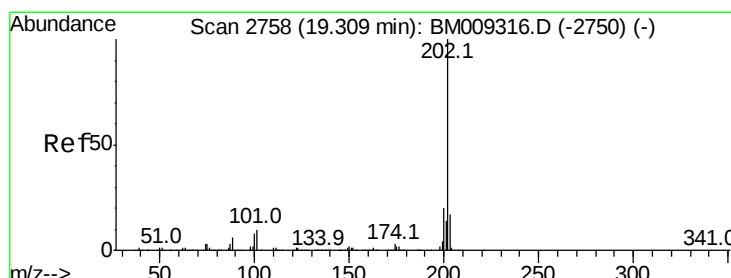
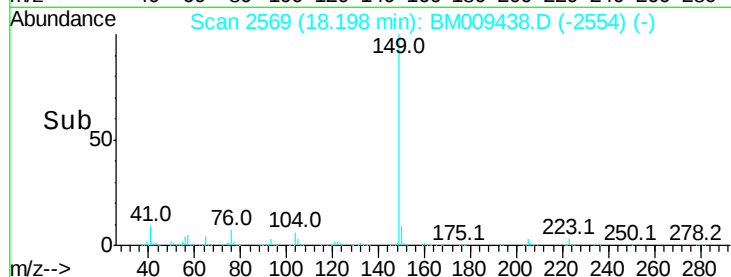
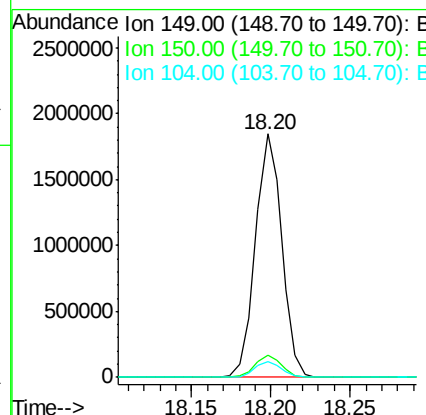
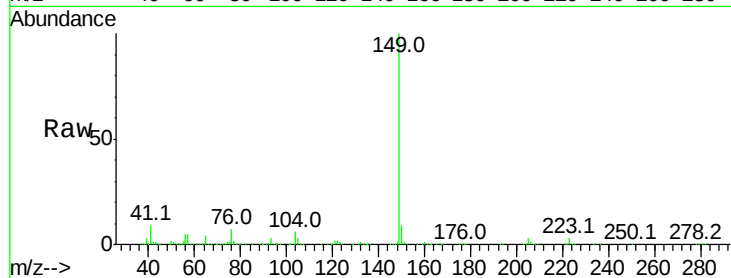
#73
Di-n-butylphthalate
Concen: 52.50 ng
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	6.5	3.7	5.5

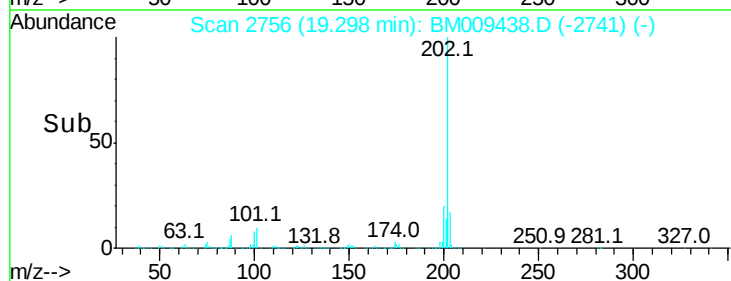
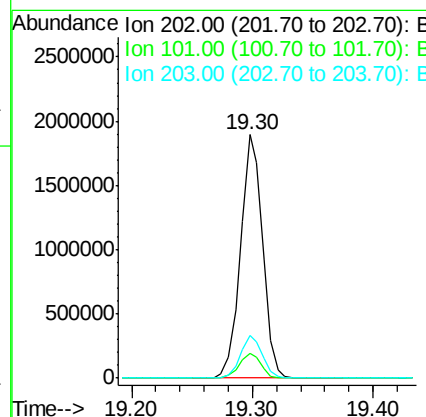
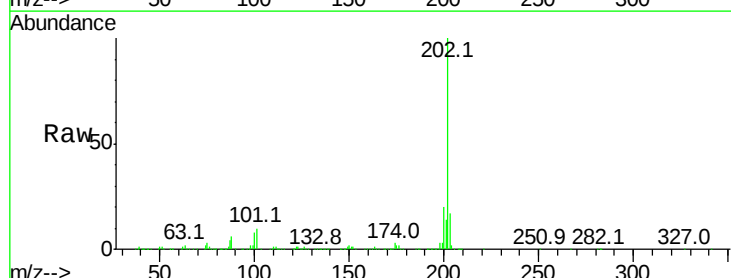
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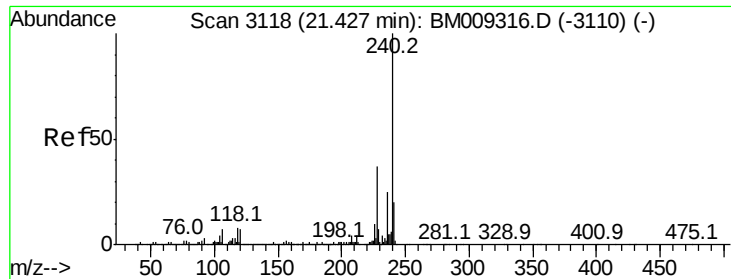
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#74
Fluoranthene
Concen: 49.28 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.7
203	17.3	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

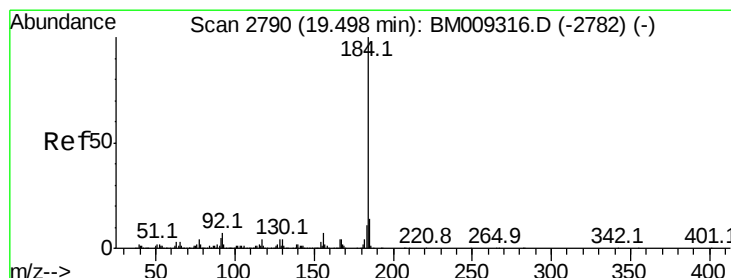
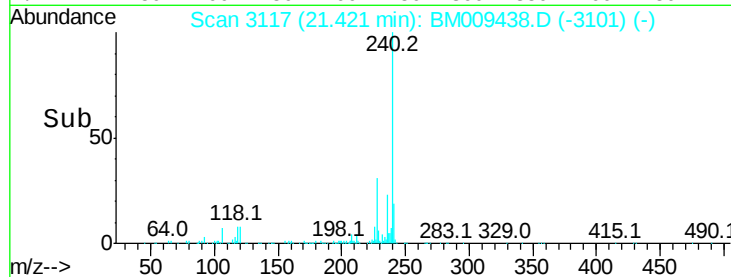
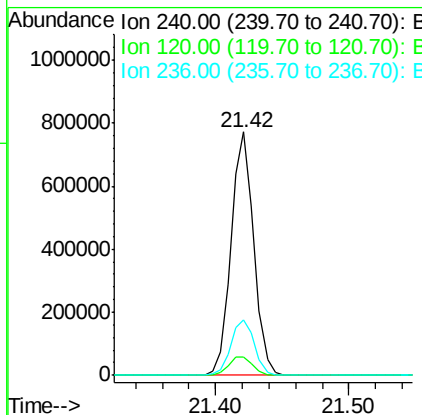
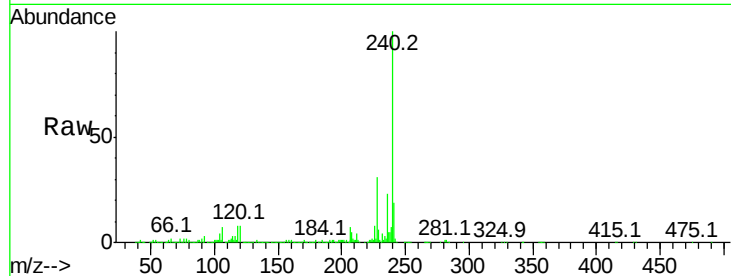
ClientSampled :

HSP-01MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.2	12.2#
236	22.5	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 15.15 ng

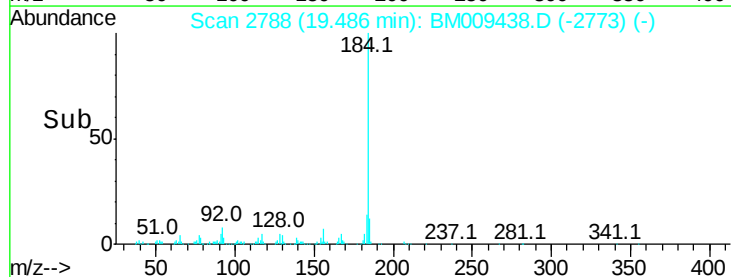
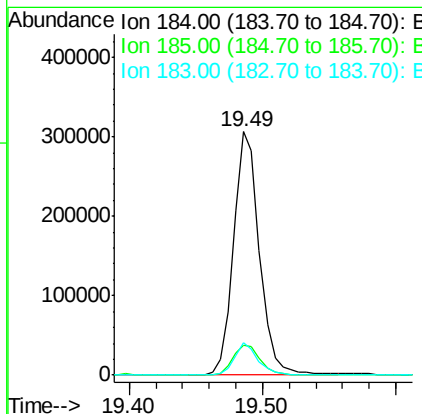
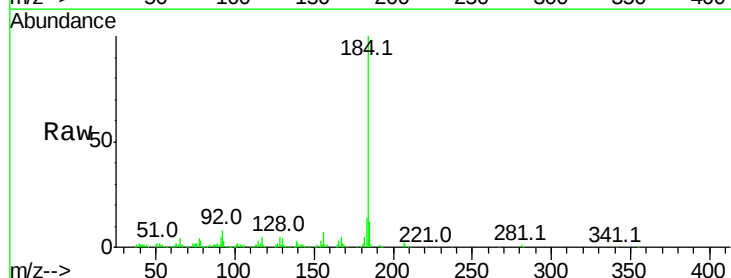
RT: 19.49 min Scan# 2788

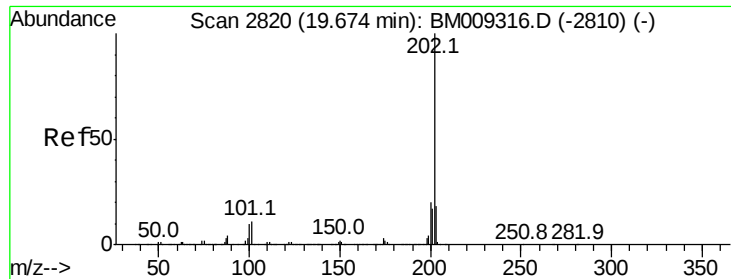
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.2	11.3	16.9
183	13.6	8.9	13.3#





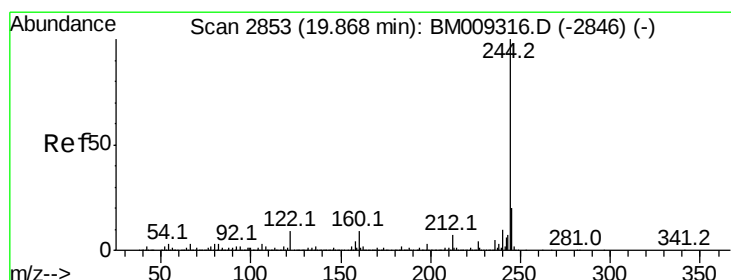
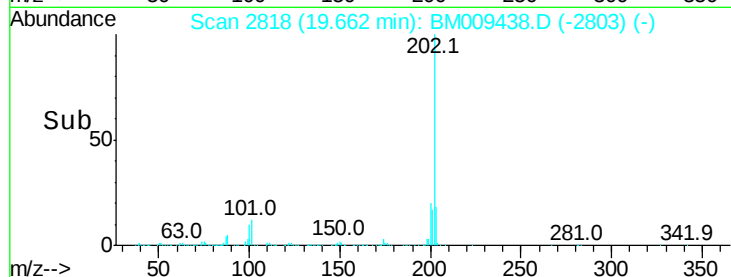
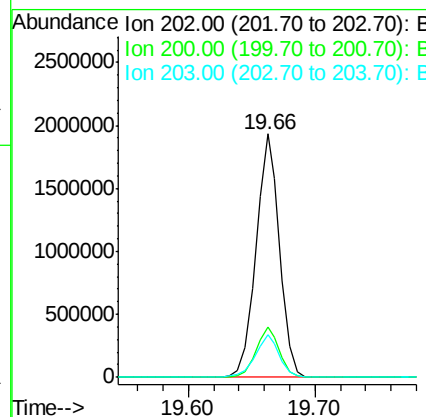
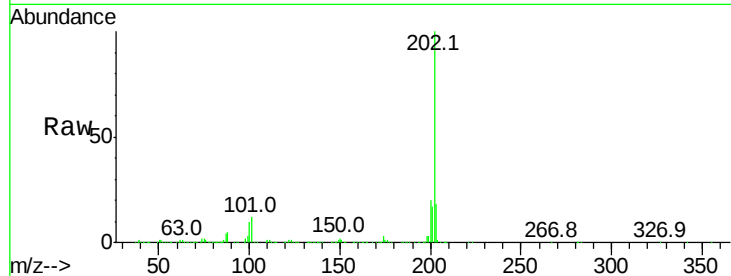
#77
Pvrene
Concen: 47.79 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.6	14.1	21.1

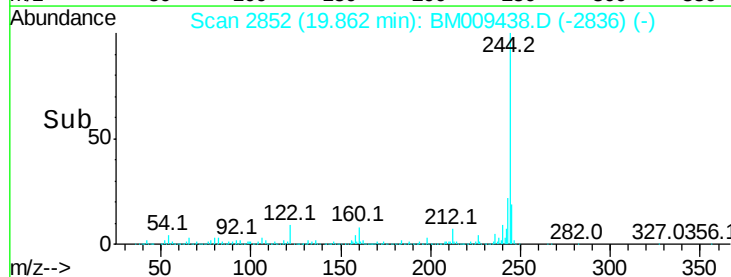
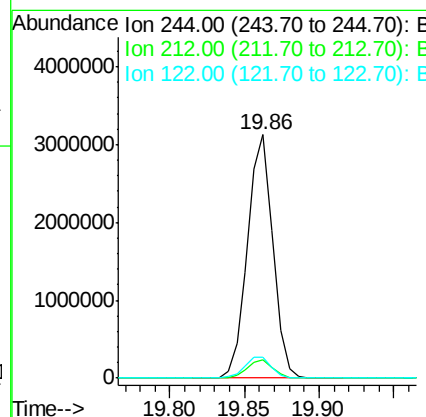
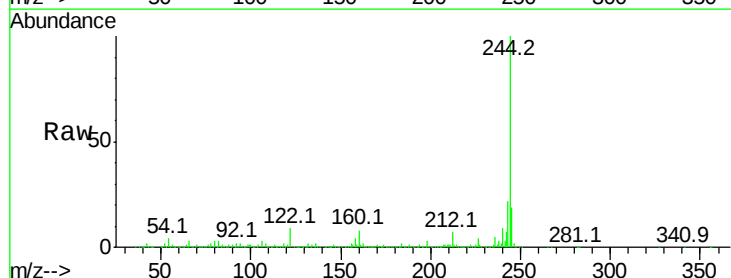
Manual Integrations
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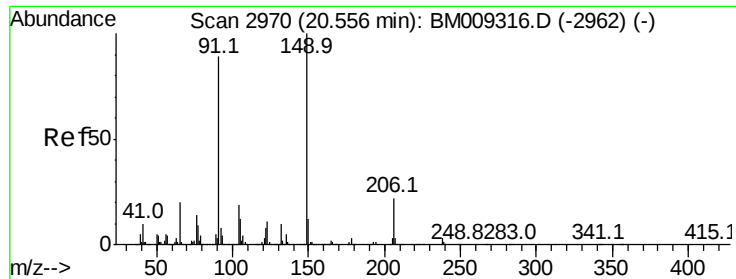
mohammad
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#78
Terphenyl-d14
Concen: 83.53 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	8.8	6.2	9.4





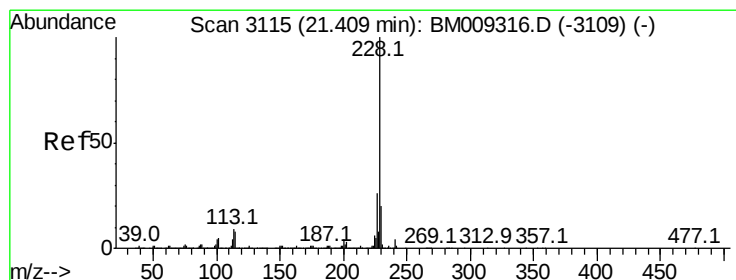
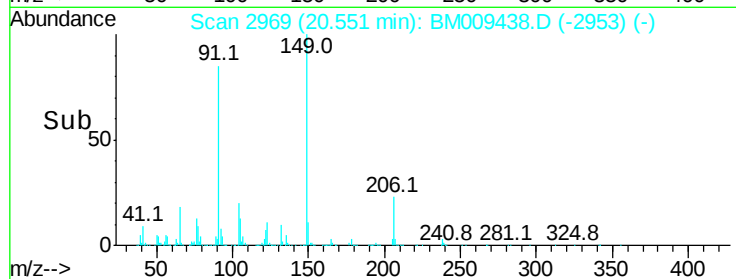
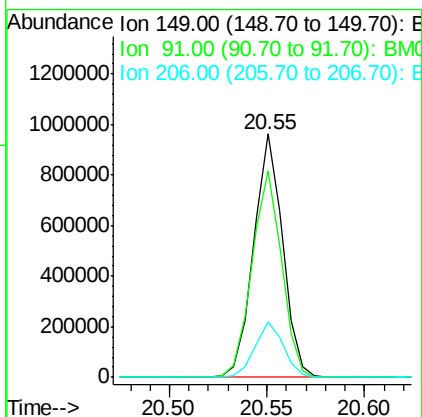
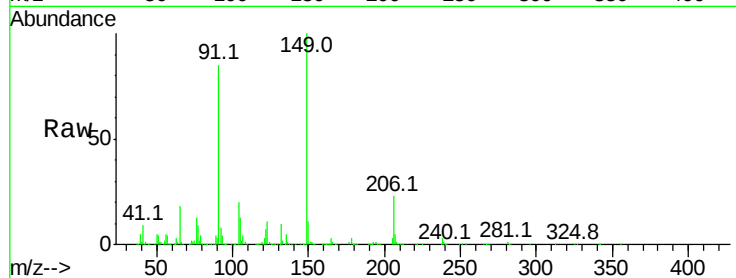
#79
Butylbenzylphthalate
Concen: 52.91 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.7	50.1	75.1#
206	22.7	16.2	24.2

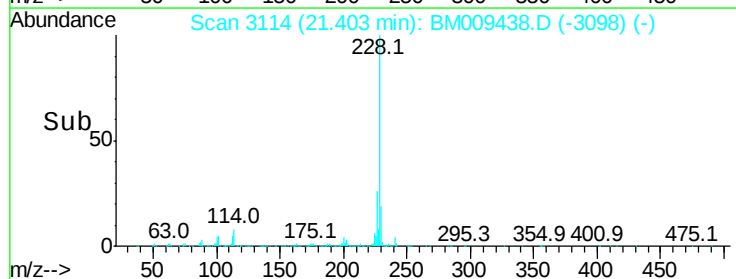
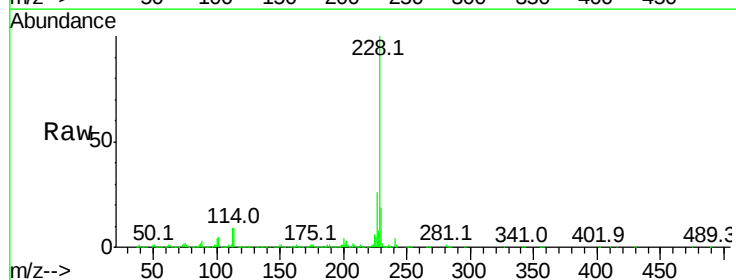
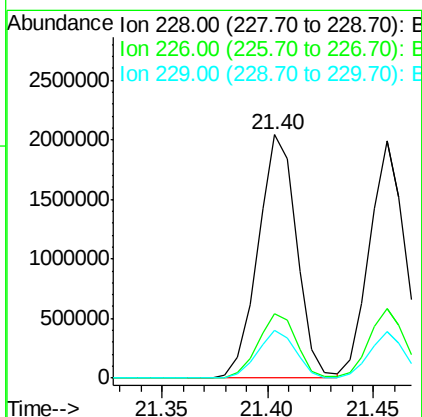
Manual Integrations
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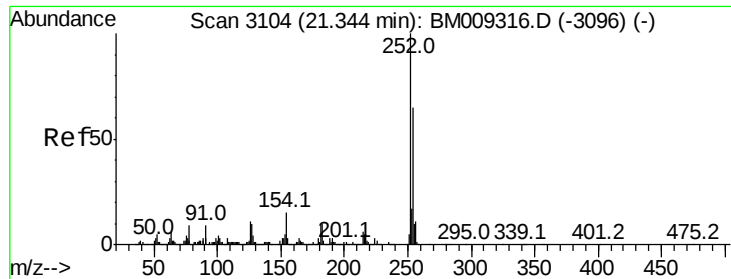
mohammad
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#80
Benzo(a)anthracene
Concen: 48.38 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	19.5	16.0	24.0





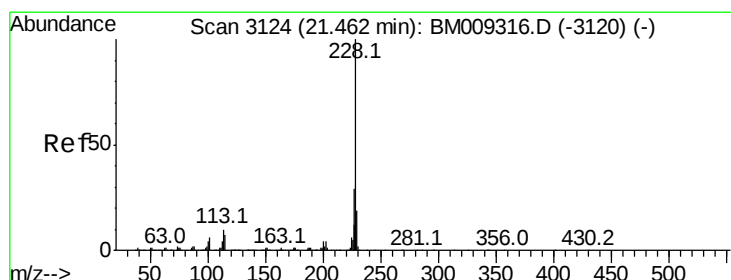
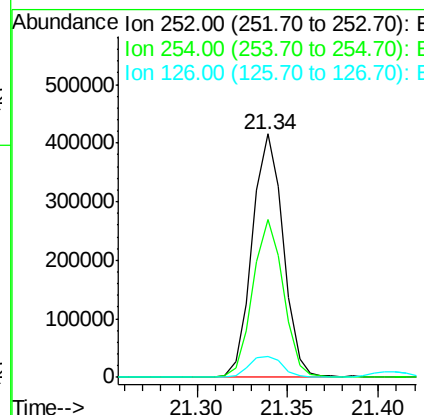
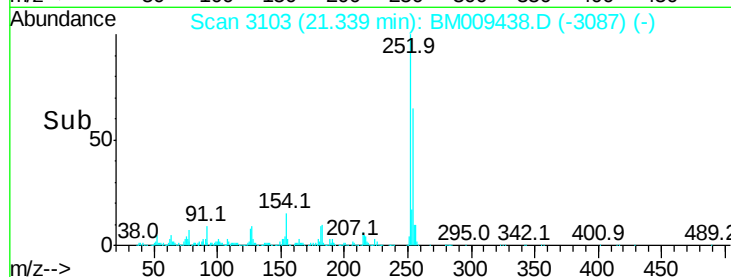
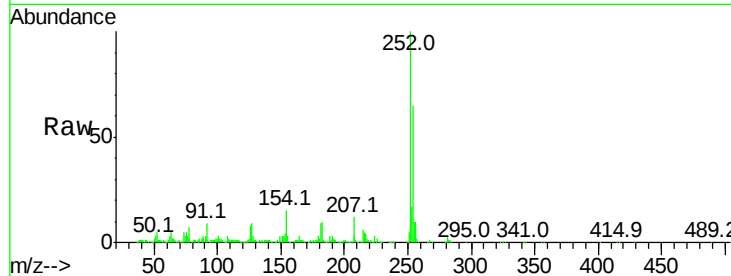
#81
 3,3'-Dichlorobenzidine
 Concen: 24.66 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.9	77.9
126	8.5	9.8	14.8#

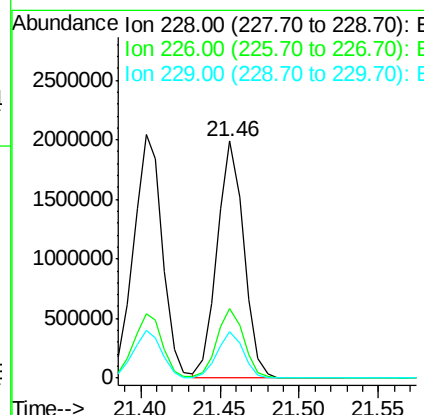
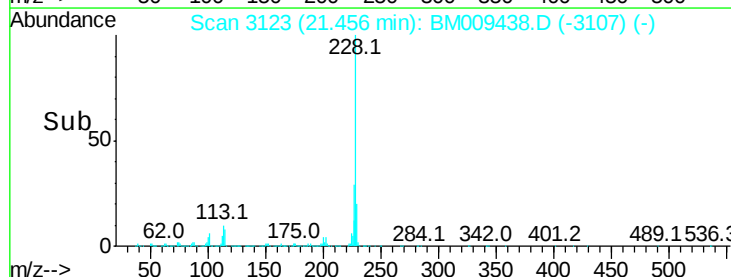
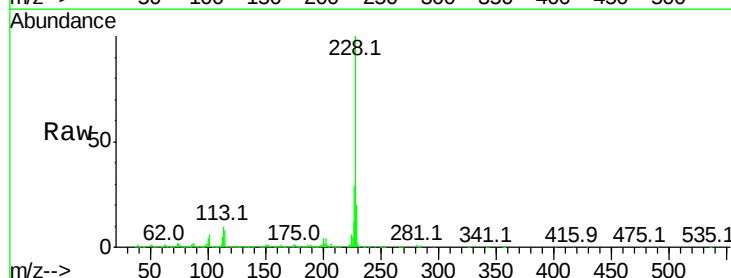
Manual Integrations
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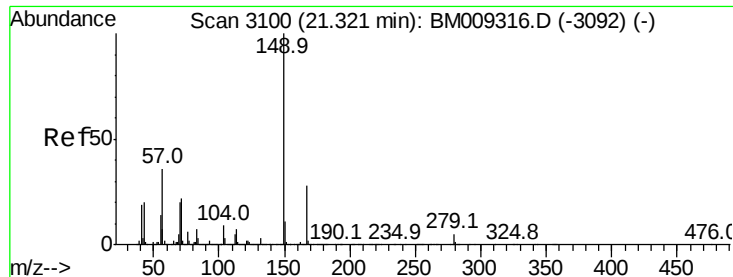
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#82
 Chrysene
 Concen: 45.41 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009438.D
 Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.1	36.1
229	19.8	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.75 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

ClientSampleId :

HSP-01MSD

Tot Ion:149 Resp: 1446235

Ion Ratio Lower Upper

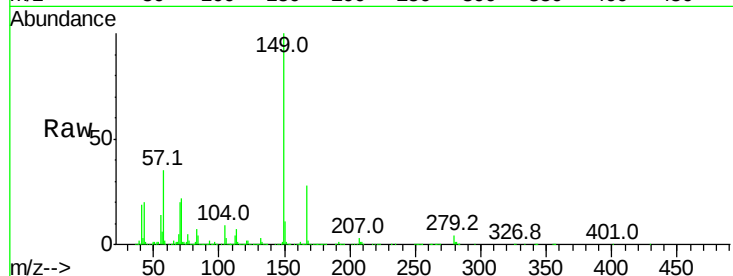
149 100

167 28.2 22.4 33.6

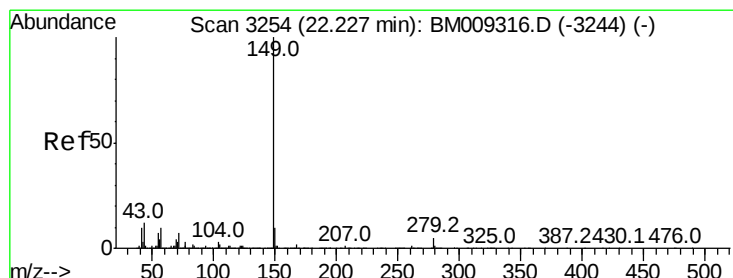
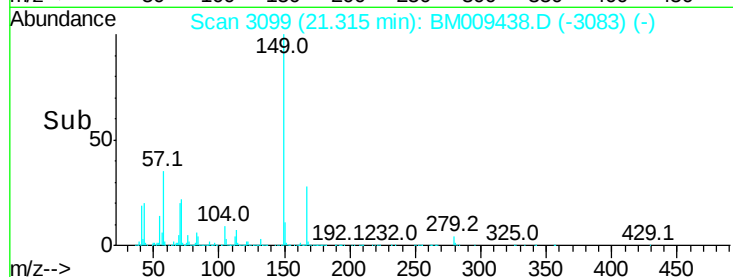
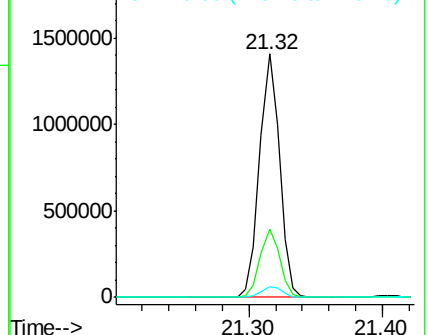
279 4.2 3.4 5.0

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



#84

Di-n-octyl phthalate

Concen: 54.24 ng

RT: 22.22 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

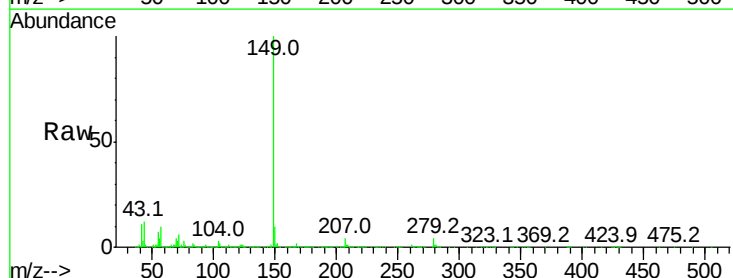
Tgt Ion:149 Resp: 2522880

Ion Ratio Lower Upper

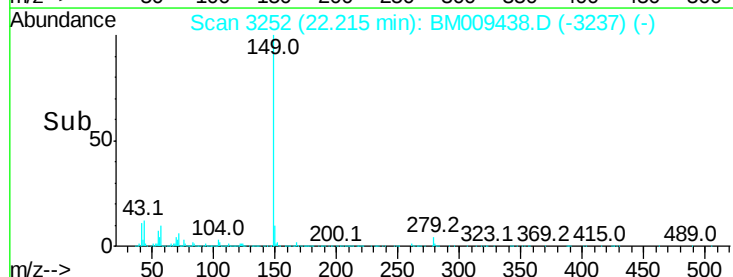
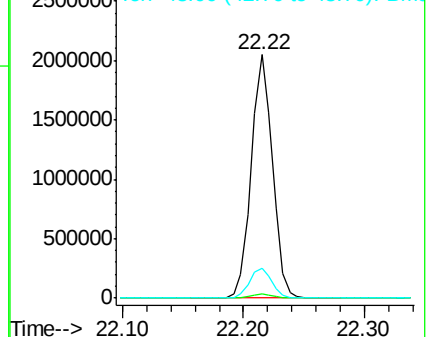
149 100

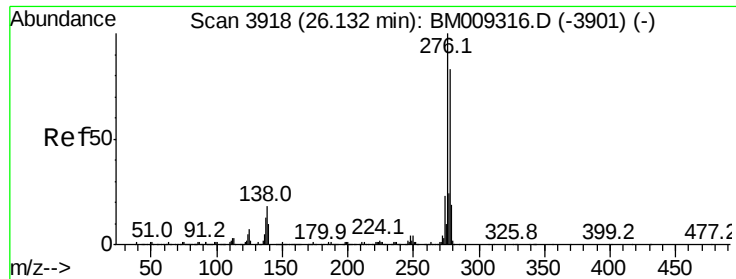
167 1.6 1.2 1.8

43 12.9 7.3 10.9#



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





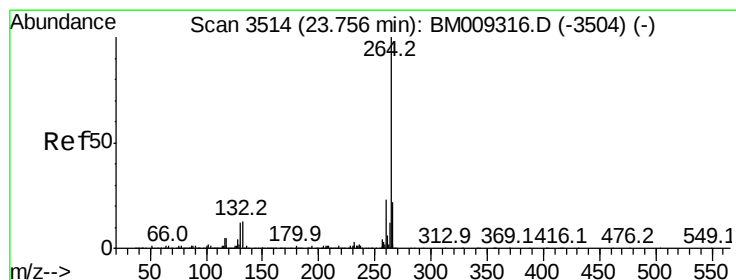
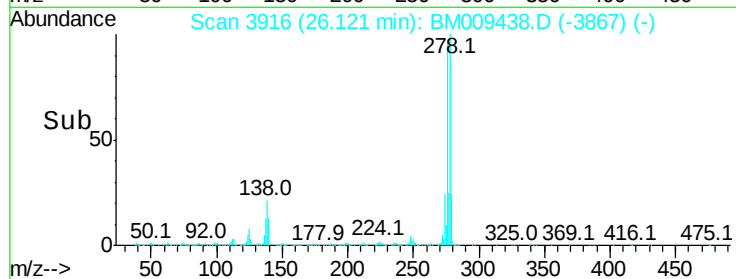
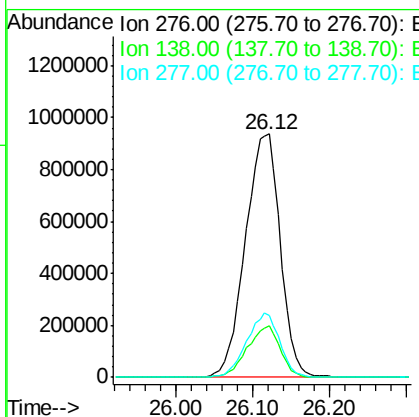
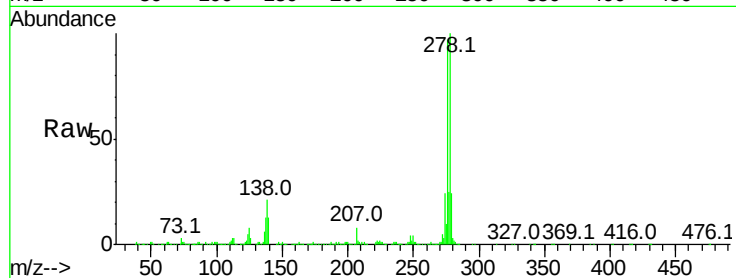
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.23 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	0.0	0.0#
277	25.1	0.0	0.0#

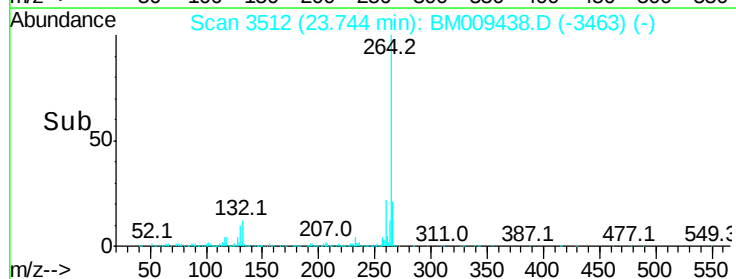
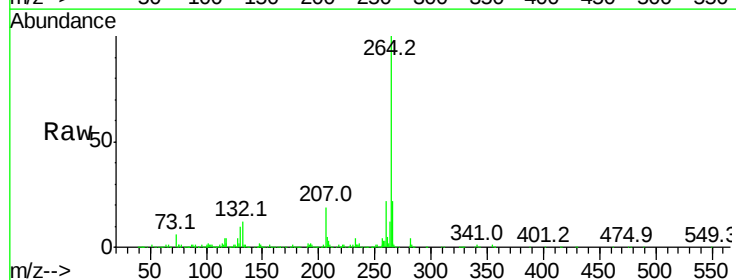
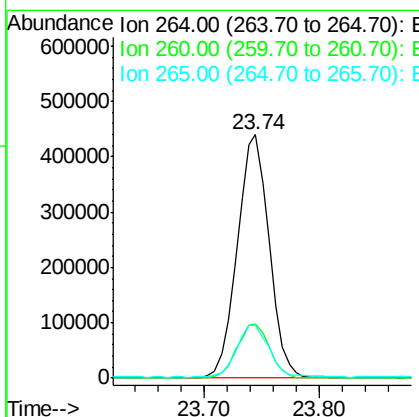
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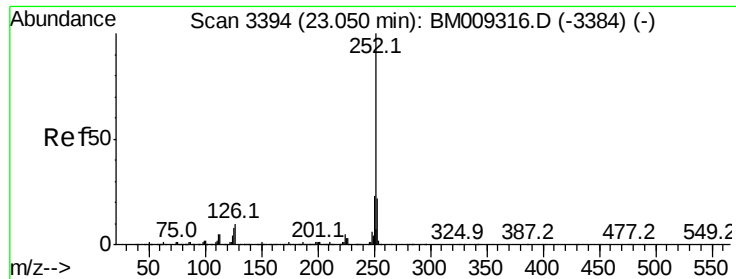
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 49.66 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

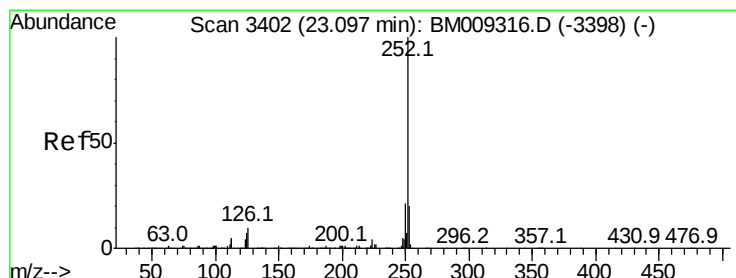
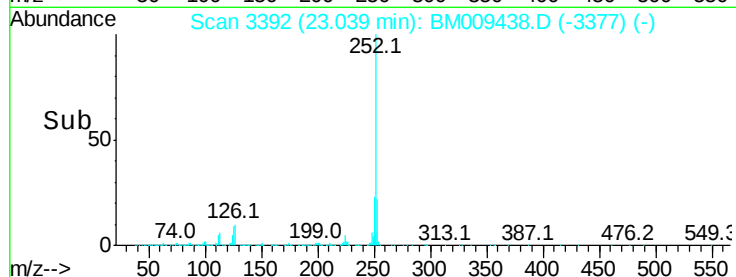
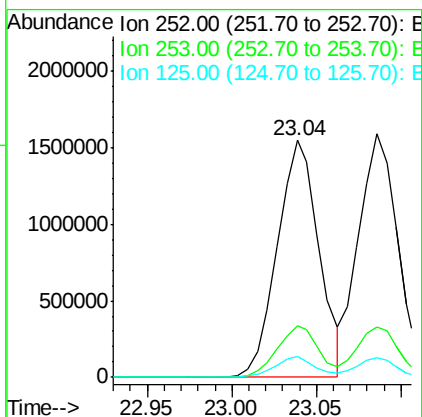
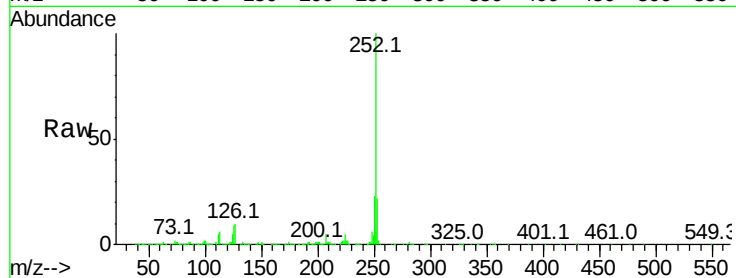
ClientSampleId :

HSP-01MSD

Tot Ion:252	Resp: 2657210		
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.7	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.95 ng

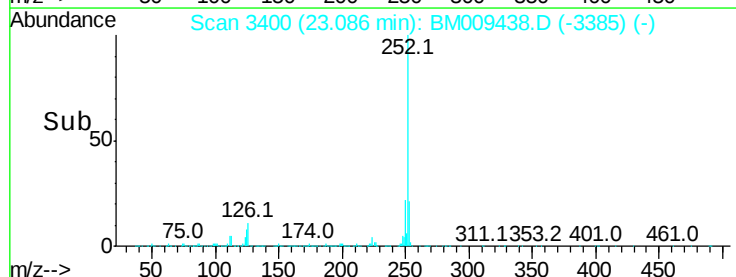
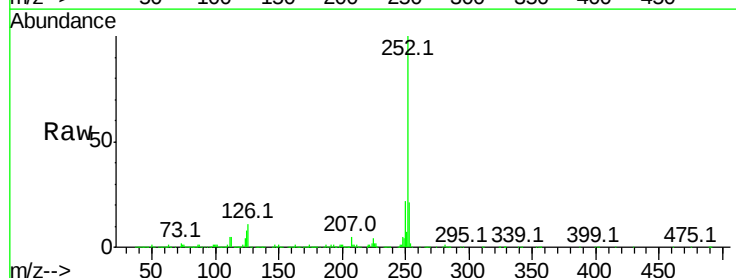
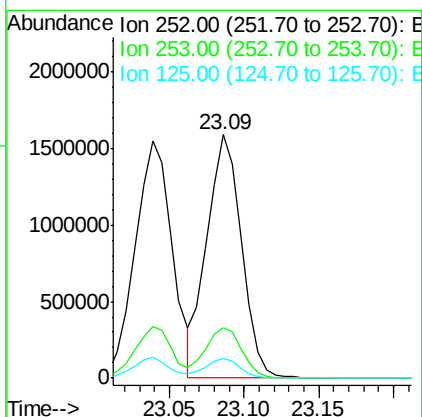
RT: 23.09 min Scan# 3400

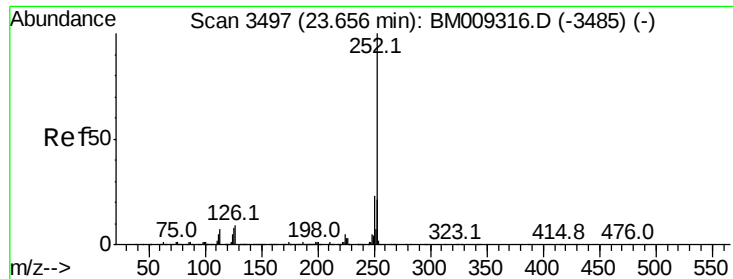
Delta R.T. -0.01 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Tgt Ion:252	Resp: 2570550		
Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.2	25.8
125	8.2	8.1	12.1





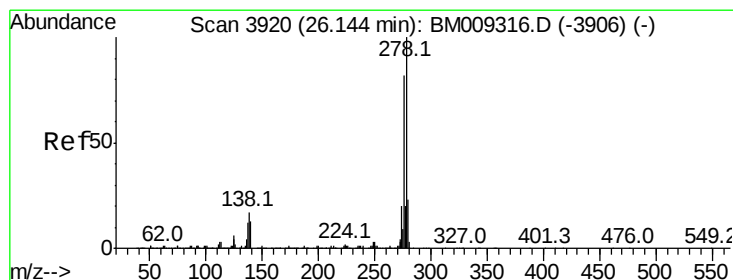
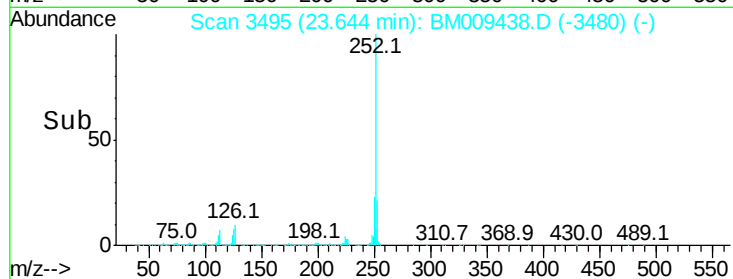
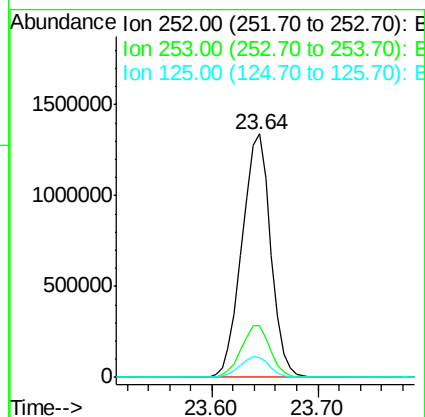
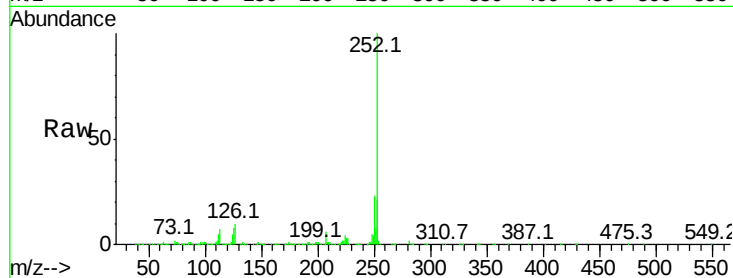
#89
Benzo(a)pyrene
Concen: 51.24 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	8.1	7.4	11.2

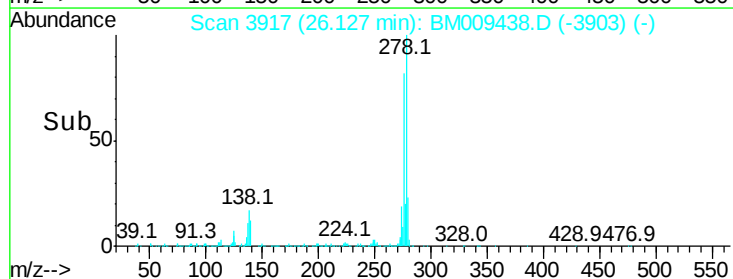
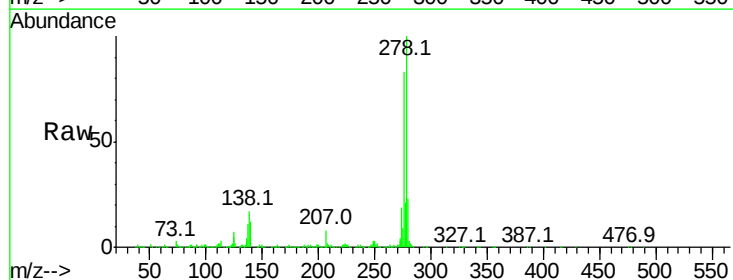
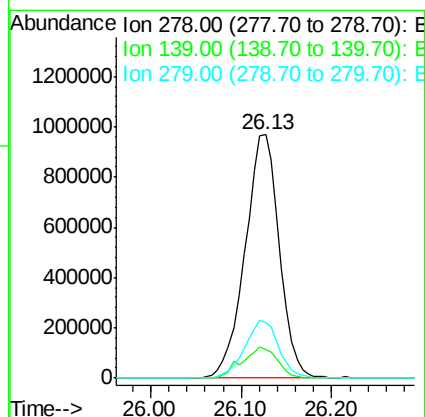
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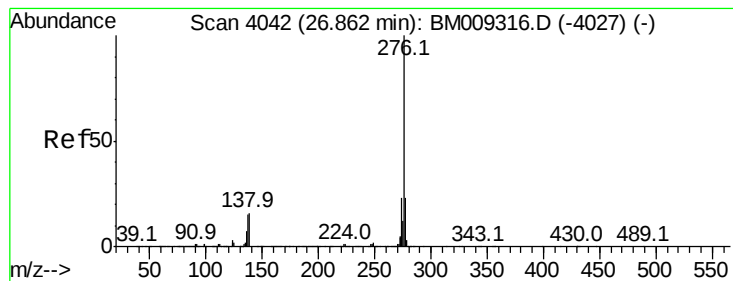
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 52.22 ng
RT: 26.13 min Scan# 3917
Delta R.T. -0.02 min
Lab File: BM009438.D
Acq: 29 Mar 2017 18:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	13.4	20.0#
279	22.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 52.15 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009438.D

Acq: 29 Mar 2017 18:35

Instrument :

BNA_M

ClientSampleId :

HSP-01MSD

Tot Ion: 276 Resp: 2467796

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 16.9 19.0 28.6#

Manual Integrations

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