

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009517.D
 Acq On : 04 Apr 2017 01:17
 Operator : SJ/MA
 Sample : I2507-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Manual Integrations
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 4/4/2017 5:33:25 PM

Quant Time: Apr 04 03:54:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	115440	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	464602	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	285731	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	673909	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	894335	20.00	ng	-0.01
86) Perylene-d12	23.74	264	835821	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	860724	124.28	ng	-0.01
7) Phenol-d6	7.01	99	1234856	130.75	ng	-0.01
23) Nitrobenzene-d5	9.01	82	890266	71.85	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	440906	124.21	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1577396	66.52	ng	-0.02
78) Terphenyl-d14	19.86	244	2491309	58.21	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	101442	29.13	ng	# 100
4) n-Nitrosodimethylamine	3.67	42	198650	37.92	ng	# 62
6) Aniline	7.18	93	80652	6.28	ng	95
8) 2-Chlorophenol	7.41	128	308685	43.96	ng	# 80
9) Benzaldehyde	6.99	77	254655	34.26	ng	# 80
10) Phenol	7.03	94	457816	44.74	ng	89
11) bis(2-Chloroethyl)ether	7.27	93	325693	38.83	ng	83
12) 1,3-Dichlorobenzene	7.73	146	315968	37.58	ng	# 88
13) 1,4-Dichlorobenzene	7.88	146	327579	37.71	ng	# 95
14) 1,2-Dichlorobenzene	8.19	146	313525	37.17	ng	93
15) Benzyl Alcohol	8.09	79	356758	43.21	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	541341	37.13	ng	96
17) 2-Methylphenol	8.28	107	276291	41.26	ng	# 84
18) Hexachloroethane	8.92	117	131942	37.13	ng	# 90
19) n-Nitroso-di-n-propylamine	8.65	70	314469	41.30	ng	90
20) 3+4-Methylphenols	8.61	107	378463	41.57	ng	87
22) Acetophenone	8.67	105	514851	39.29	ng	# 84
24) Nitrobenzene	9.05	77	466756	38.45	ng	# 87
25) Isophorone	9.57	82	775285	41.01	ng	# 88
26) 2-Nitrophenol	9.76	139	155136	42.37	ng	# 52
27) 2,4-Dimethylphenol	9.81	122	274975	41.05	ng	87
28) bis(2-Chloroethoxy)methane	10.05	93	448701	38.34	ng	99
29) 2,4-Dichlorophenol	10.29	162	288718	41.23	ng	95
30) 1,2,4-Trichlorobenzene	10.50	180	327977	37.75	ng	100
31) Naphthalene	10.69	128	911391	36.96	ng	100
32) Benzoic acid	9.89	122	29901	9.50	ng	# 88
33) 4-Chloroaniline	10.81	127	162124	17.04	ng	# 79
34) Hexachlorobutadiene	10.96	225	203459	34.20	ng	96
35) Caprolactam	11.59	113	66911m	31.30	ng	
36) 4-Chloro-3-methylphenol	11.92	107	341845	43.15	ng	# 80
37) 2-Methylnaphthalene	12.30	142	666312	39.14	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	380667	35.29	ng	# 100
40) Hexachlorocyclopentadiene	12.64	237	447328	72.25	ng	98
42) 2,4,6-Trichlorophenol	12.92	196	260554	42.24	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.98	196	269790	39.20	nq	# 88
45) 1,1'-Biphenyl	13.32	154	880250	37.02	nq	96
46) 2-Chloronaphthalene	13.36	162	703657	38.10	nq	95
47) 2-Nitroaniline	13.57	65	284445	41.80	nq	# 68
48) Acenaphthylene	14.21	152	1128540	37.51	nq	99
49) Dimethylphthalate	13.95	163	1065868	48.58	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	194639	41.17	nq	# 68
51) Acenaphthene	14.56	154	688091	37.91	nq	99
52) 3-Nitroaniline	14.40	138	172341	37.00	nq	# 57
53) 2,4-Dinitrophenol	14.61	184	173547	56.18	nq	94
54) Dibenzofuran	14.89	168	1103313	41.10	nq	95
55) 4-Nitrophenol	14.70	139	322559	83.78	nq	# 16
56) 2,4-Dinitrotoluene	14.86	165	271831	42.50	nq	# 96
57) Fluorene	15.54	166	903407	37.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.11	232	253840	43.61	nq	# 100
59) Diethylphthalate	15.31	149	909755	40.88	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	466790	37.05	nq	99
61) 4-Nitroaniline	15.57	138	210758	41.66	nq	# 25
62) Azobenzene	15.82	77	1178581	45.36	nq	85
64) 4,6-Dinitro-2-methylphenol	15.62	198	162762	38.34	nq	91
65) n-Nitrosodiphenylamine	15.75	169	707183	34.55	nq	100
66) 4-Bromophenyl-phenylether	16.43	248	289743	37.11	nq	# 92
67) Hexachlorobenzene	16.54	284	315145	36.82	nq	# 92
68) Atrazine	16.70	200	271375	35.25	nq	96
69) Pentachlorophenol	16.89	266	393044	75.18	nq	98
70) Phenanthrene	17.28	178	1443738	37.46	nq	100
71) Anthracene	17.37	178	1489555	38.18	nq	99
72) Carbazole	17.64	167	1388365	37.16	nq	99
73) Di-n-butylphthalate	18.19	149	1556179	40.77	nq	# 97
74) Fluoranthene	19.29	202	1770972	38.80	nq	98
77) Pyrene	19.66	202	1842108	36.32	nq	97
79) Butylbenzylphthalate	20.54	149	731434	40.05	nq	# 74
80) Benzo(a)anthracene	21.40	228	1922829	36.81	nq	98
81) 3,3'-Dichlorobenzidine	21.33	252	429778	21.97	nq	# 94
82) Chrysene	21.45	228	1743626	34.96	nq	99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1114758	40.90	nq	99
84) Di-n-octyl phthalate	22.21	149	1894033	41.76	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.10	276	2034175	37.40	nq	# 100
87) Benzo(b)fluoranthene	23.03	252	1908153	36.02	nq	# 94
88) Benzo(k)fluoranthene	23.08	252	1850128	36.31	nq	98
89) Benzo(a)pyrene	23.64	252	1800056	36.69	nq	100
90) Dibenzo(a,h)anthracene	26.11	278	1730132	36.00	nq	# 96
91) Benzo(g,h,i)perylene	26.83	276	1654795	35.32	nq	# 91

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

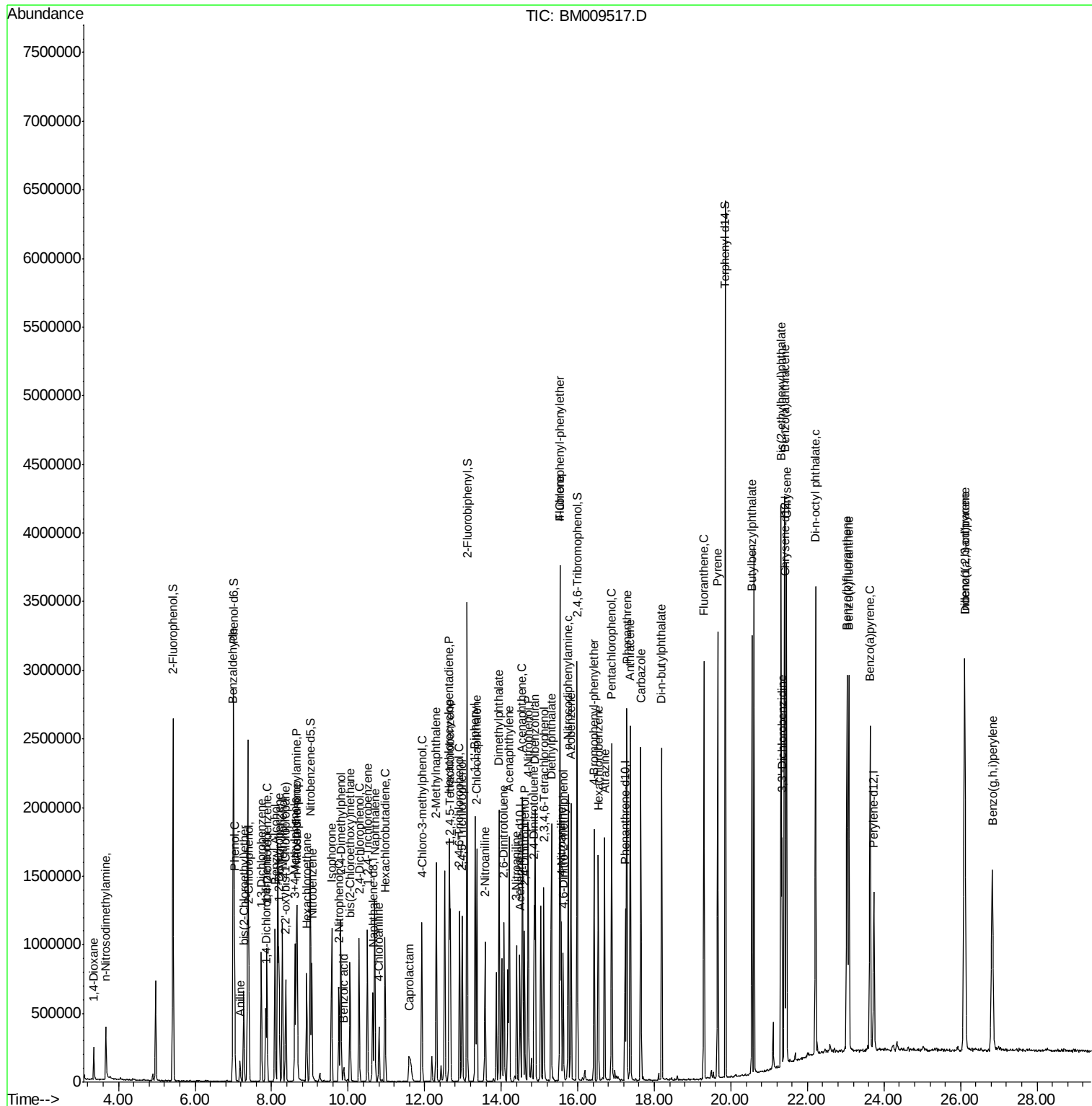
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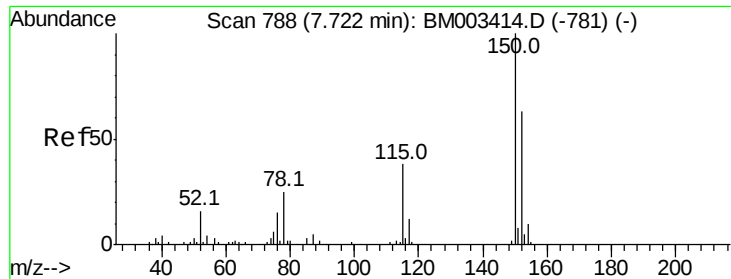
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

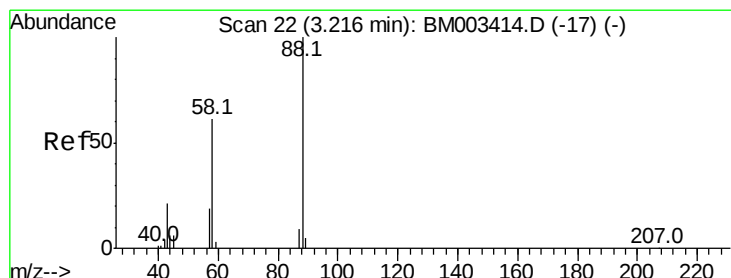
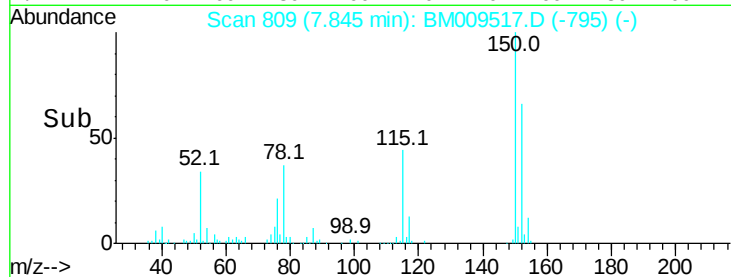
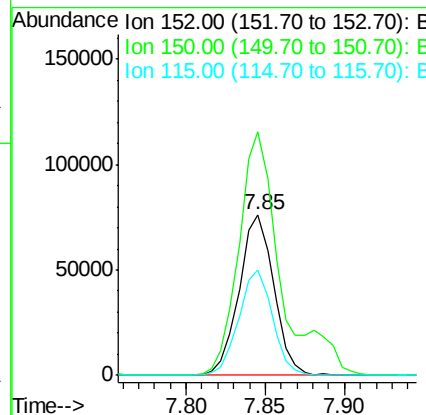
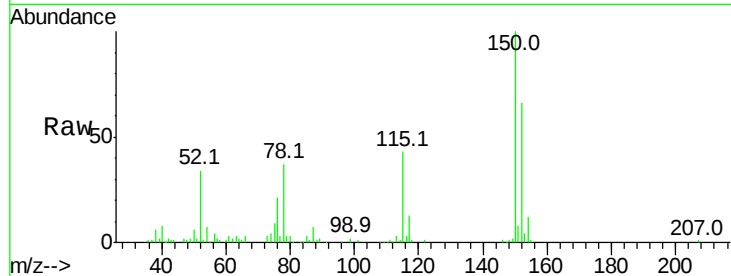
ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.5	179.3
115	65.8	43.0	64.4

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#2

1,4-Dioxane

Concen: 29.13 ng

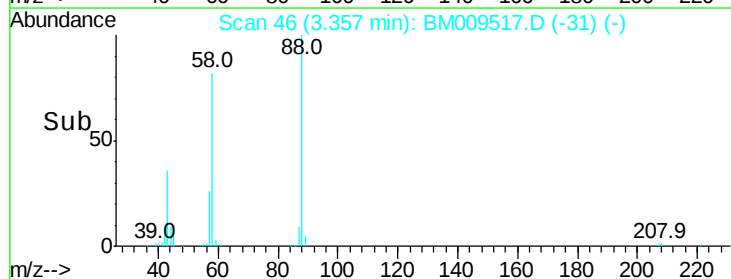
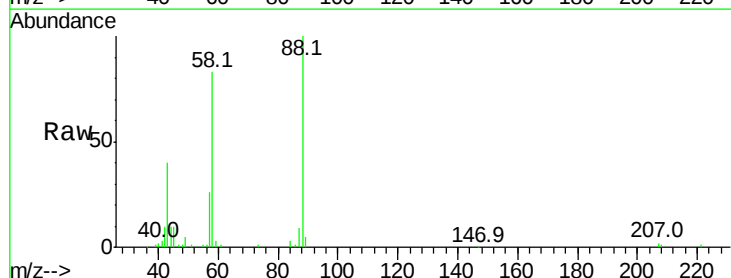
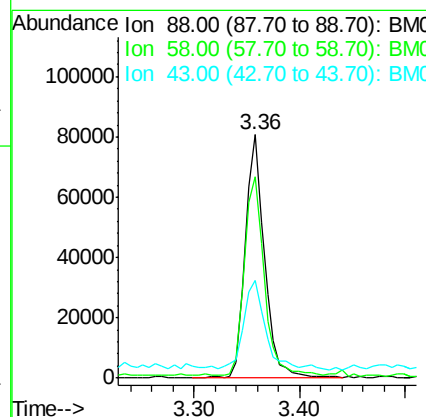
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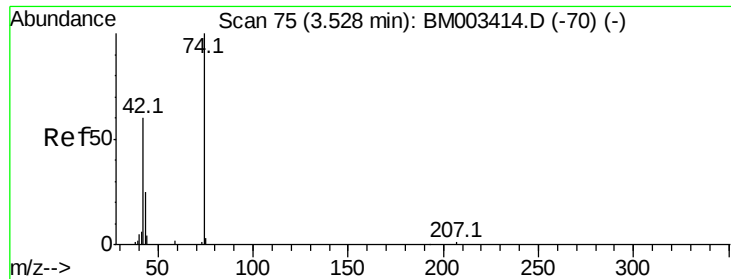
Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	0.0	0.0
43	39.4	0.0	0.0





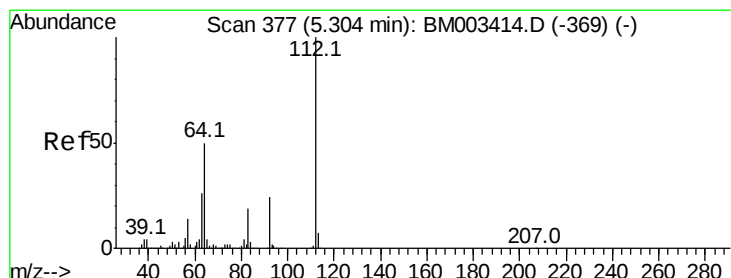
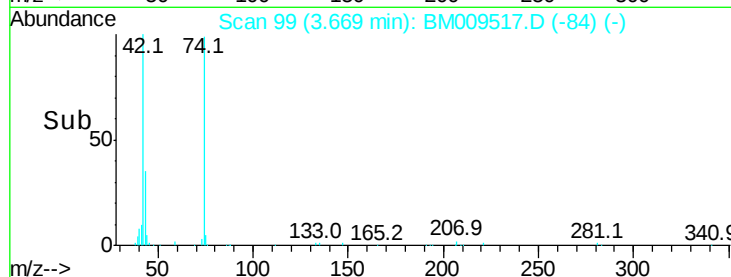
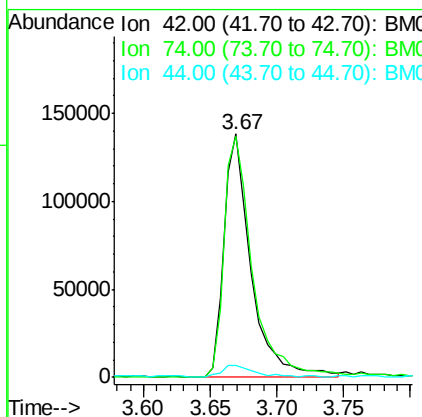
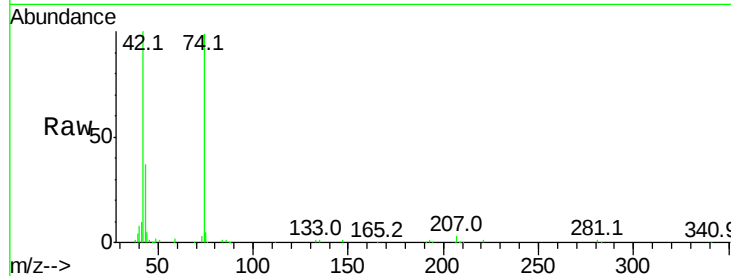
#4
n-Nitrosodimethylamine
Concen: 37.92 ng
RT: 3.67 min Scan# 99
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

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B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
74	98.9	119.3	178.9#	
44	5.1	5.4	8.2#	

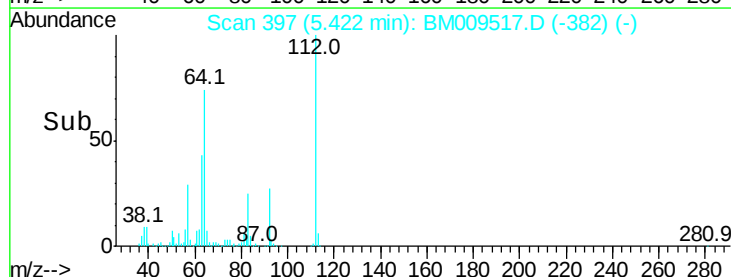
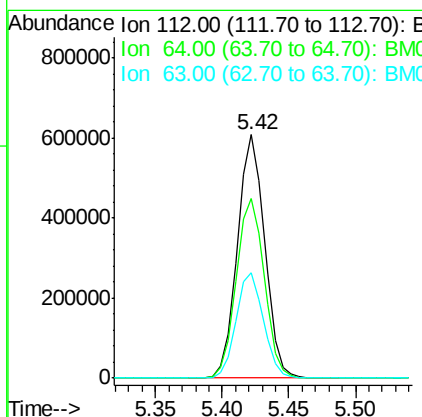
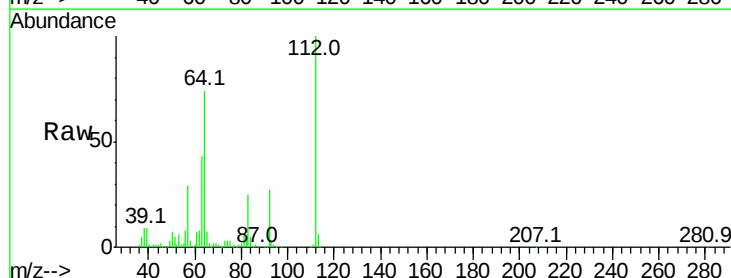
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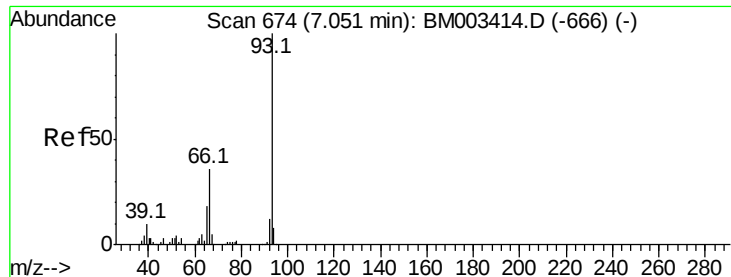
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#5
2-Fluorophenol
Concen: 124.28 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	73.9	38.6	57.8#	
63	43.4	19.3	28.9#	





#6

Aniline

Concen: 6.28 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

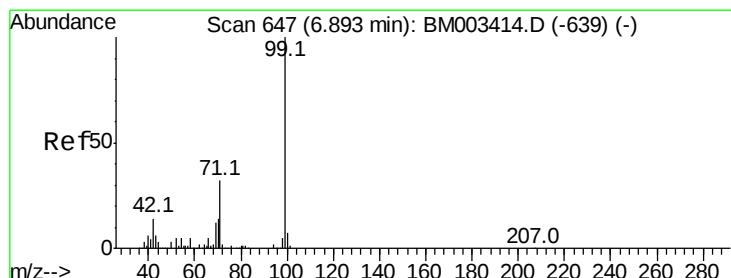
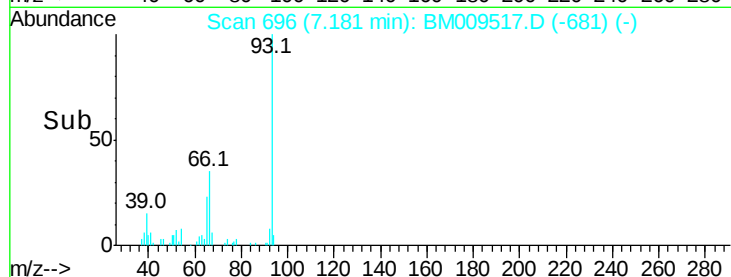
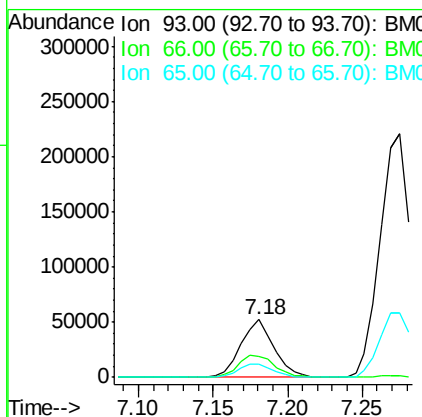
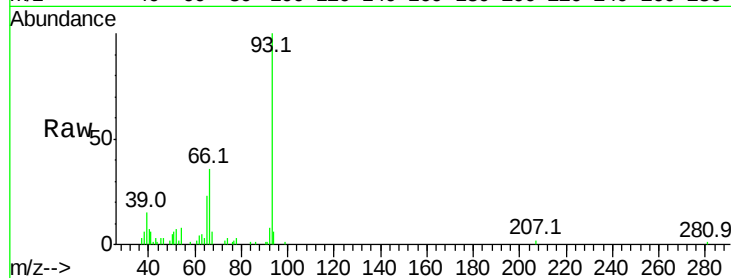
ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:	93	Resp:	80652
Ion Ratio	Lower	Upper	
93	100		
66	35.6	30.8	46.2
65	23.1	16.0	24.0

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#7

Phenol-d6

Concen: 130.75 ng

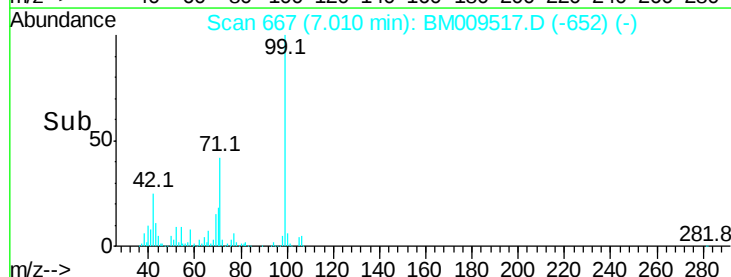
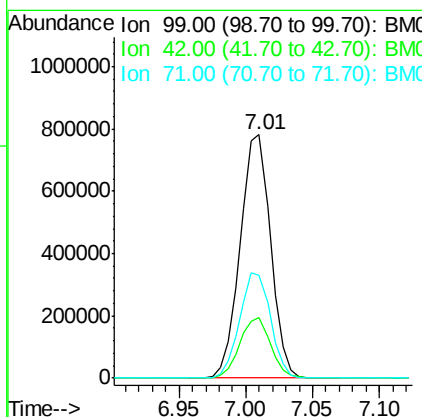
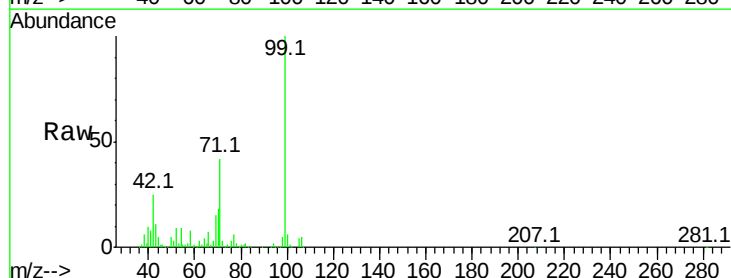
RT: 7.01 min Scan# 667

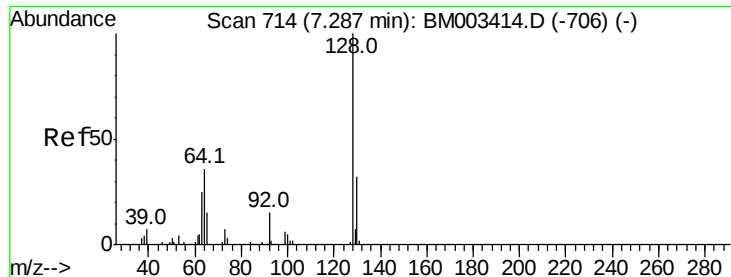
Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:	99	Resp:	1234856
Ion Ratio	Lower	Upper	
99	100		
42	24.8	11.0	16.4#
71	42.5	23.4	35.2#





#8

2-Chlorophenol

Concen: 43.96 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:128 Resp: 308685

Ion Ratio Lower Upper

128 100

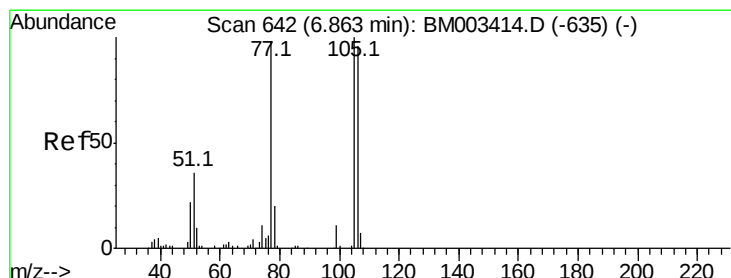
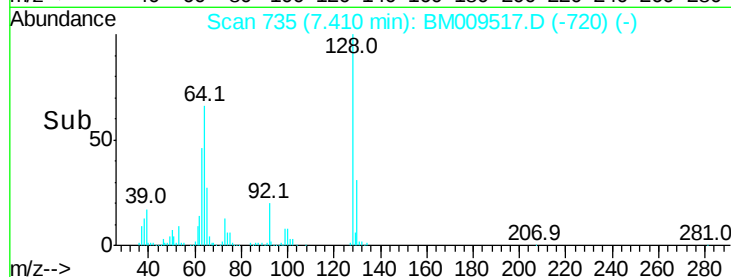
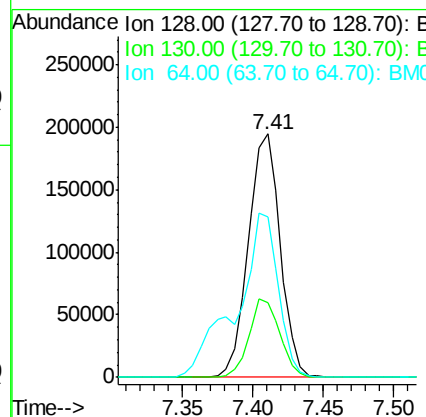
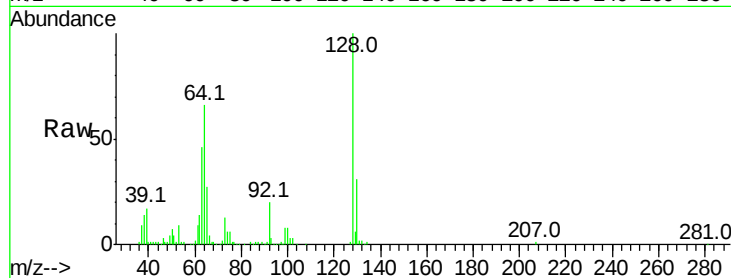
130 30.5 12.0 52.0

64 66.1 24.9 64.9#

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#9

Benzaldehyde

Concen: 34.26 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

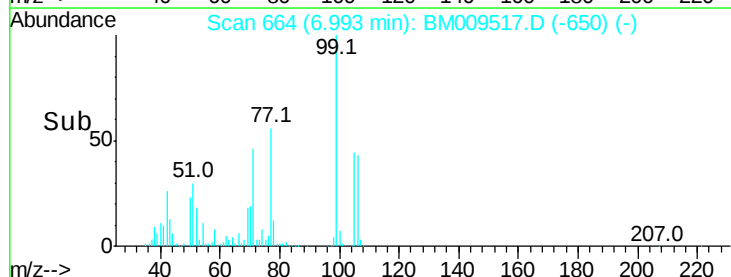
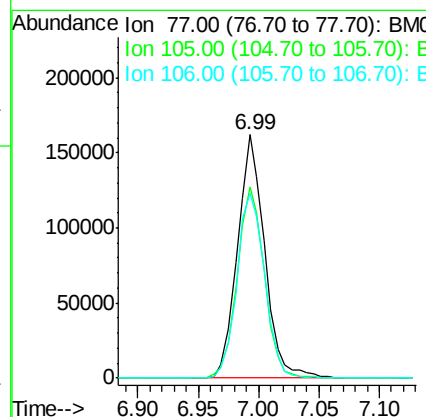
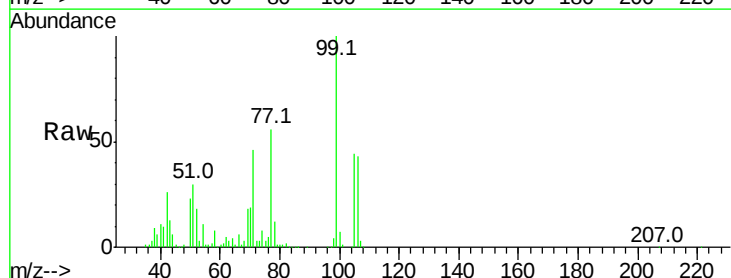
Tgt Ion: 77 Resp: 254655

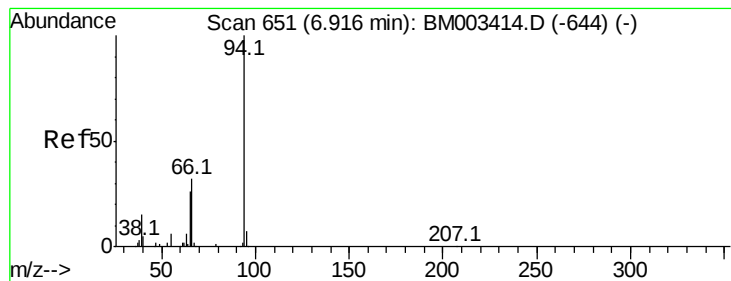
Ion Ratio Lower Upper

77 100

105 78.3 78.8 118.8#

106 76.0 73.7 113.7





#10

Phenol

Concen: 44.74 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

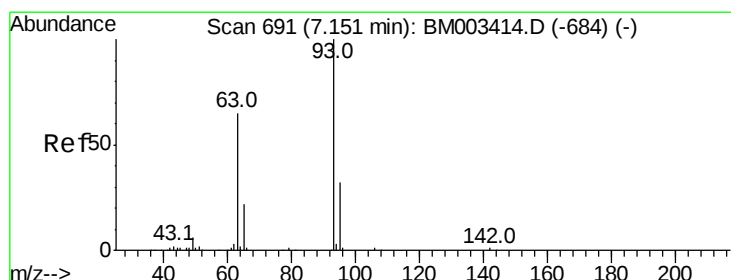
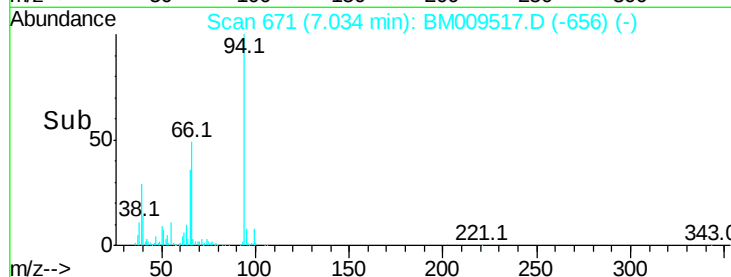
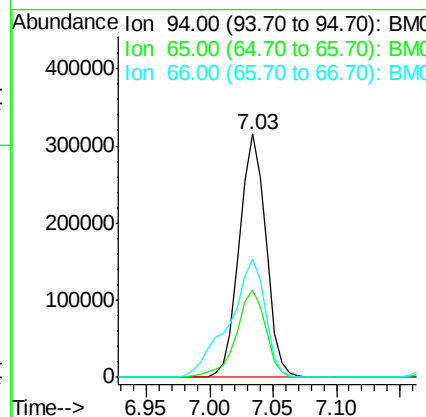
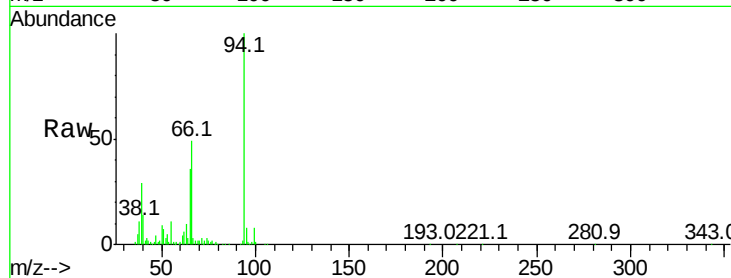
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B-10-S2(2.5-3.0)MS

Tot Ion:	94	Resp:	457816
Ion Ratio	Lower	Upper	
94	100		
65	35.8	18.8	58.8
66	48.8	39.9	79.9

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#11

bis(2-Chloroethyl)ether

Concen: 38.83 ng

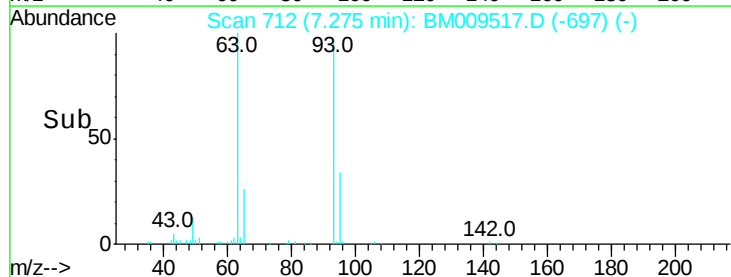
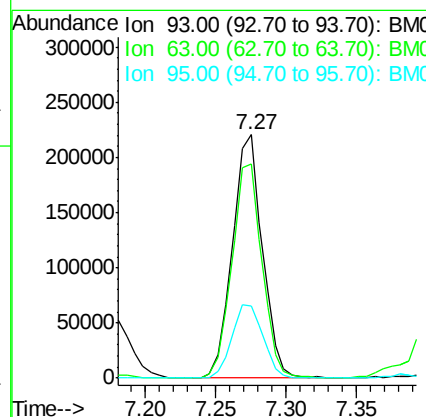
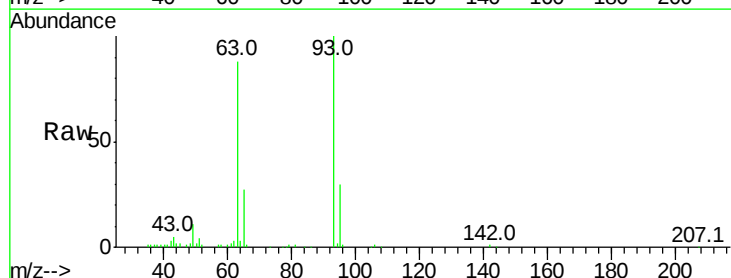
RT: 7.27 min Scan# 712

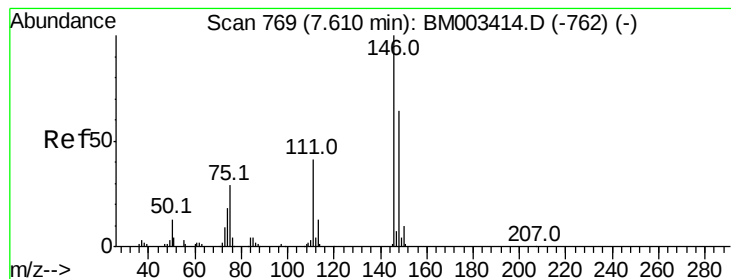
Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:	93	Resp:	325693
Ion Ratio	Lower	Upper	
93	100		
63	87.9	49.5	89.5
95	29.5	13.5	53.5





#12

1,3-Dichlorobenzene

Concen: 37.58 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

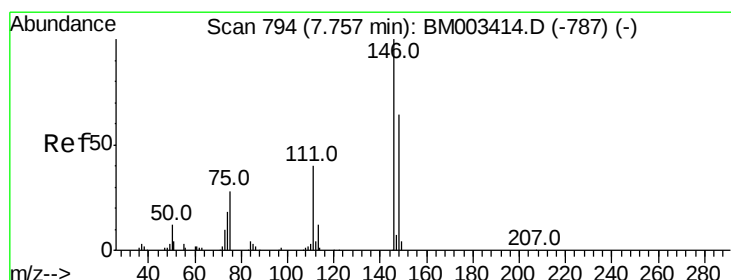
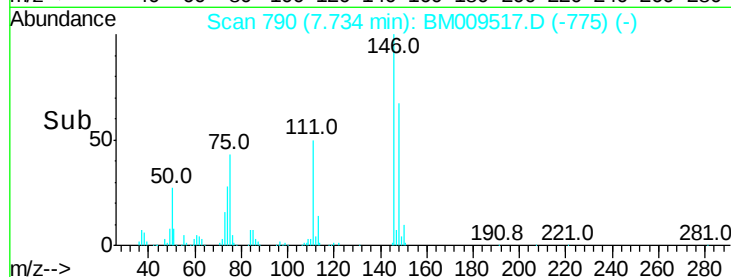
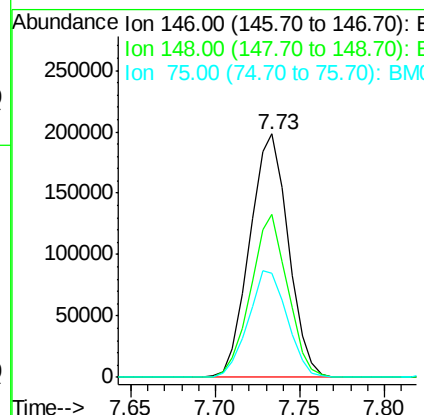
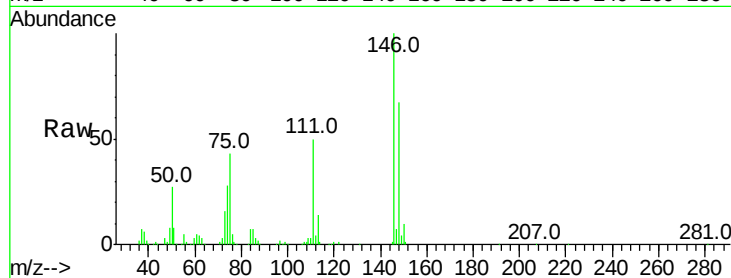
ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:	146	Resp:	315968
Ion Ratio	Lower	Upper	
146	100		
148	66.8	50.9	76.3
75	42.7	21.4	32.2#

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mohammad
4/4/2017 5:33:25 PM



#13

1,4-Dichlorobenzene

Concen: 37.71 ng

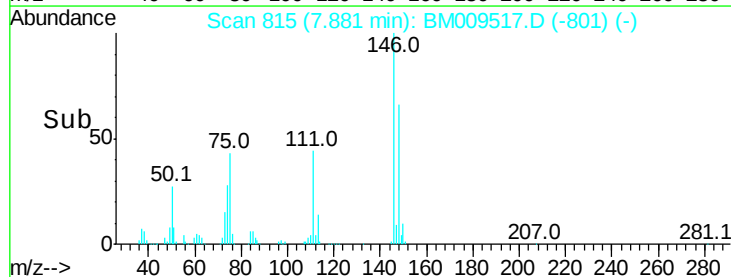
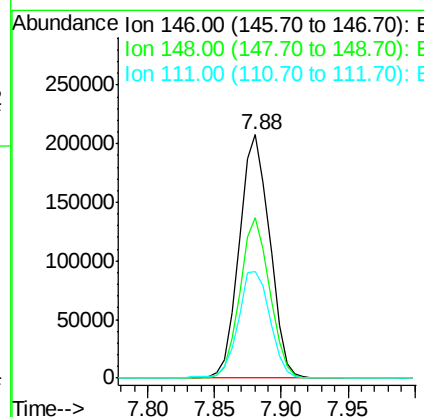
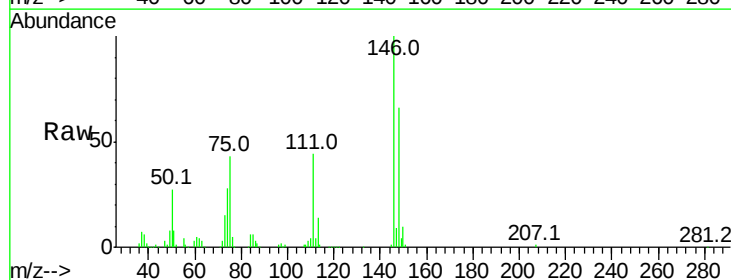
RT: 7.88 min Scan# 815

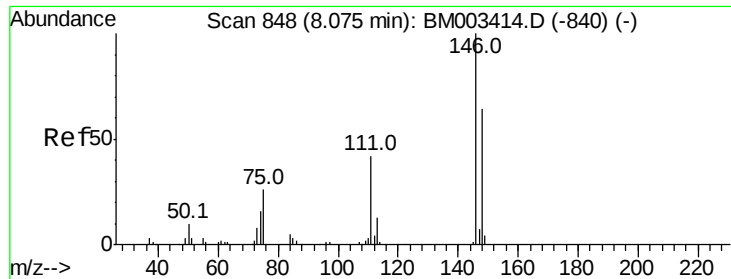
Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:	146	Resp:	327579
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.9	77.9
111	44.0	29.2	43.8#





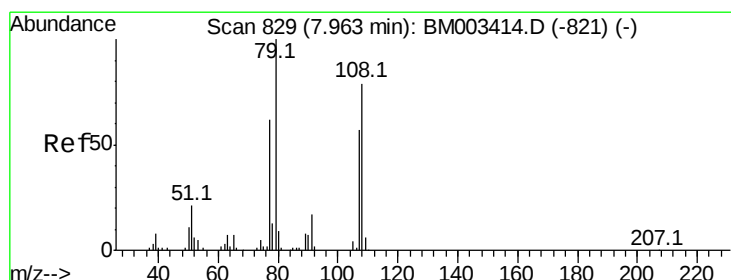
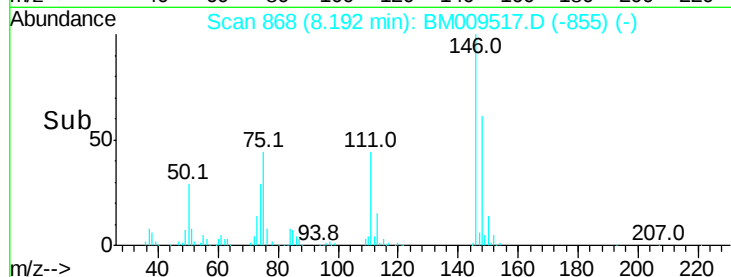
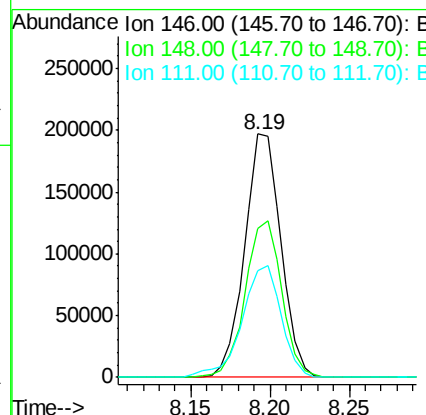
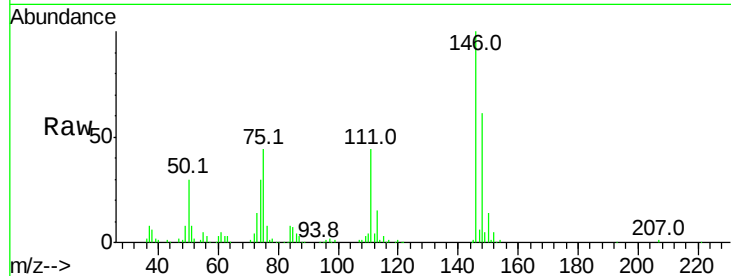
#14
1,2-Dichlorobenzene
Concen: 37.17 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.3	78.5
111	43.9	30.6	45.8

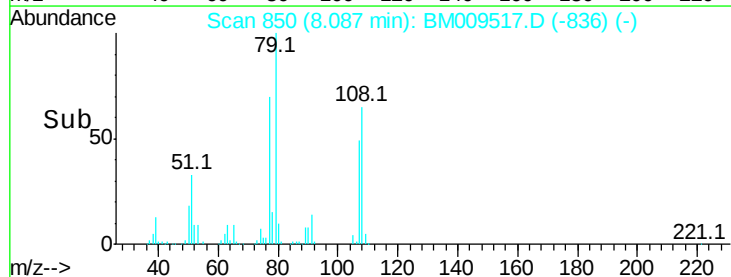
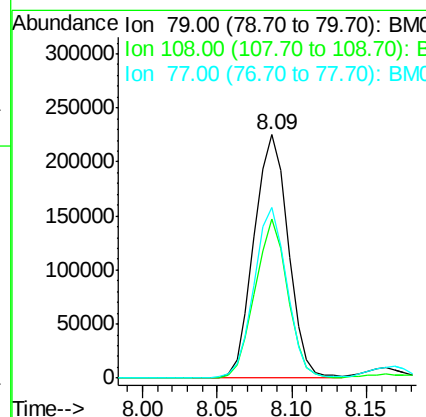
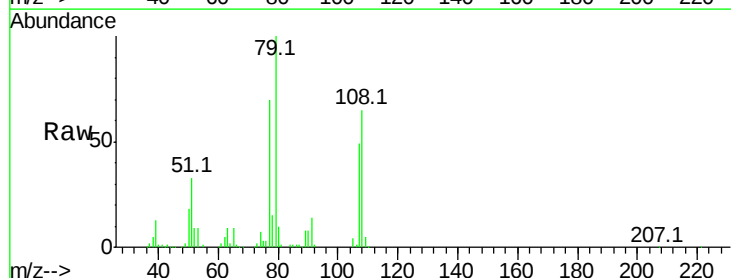
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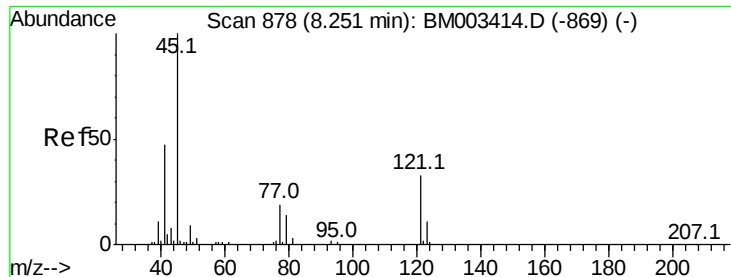
mohammad
4/4/2017 5:33:25 PM



#15
Benzyl Alcohol
Concen: 43.21 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
79	100		
108	65.2	65.0	97.4
77	69.9	53.0	79.6





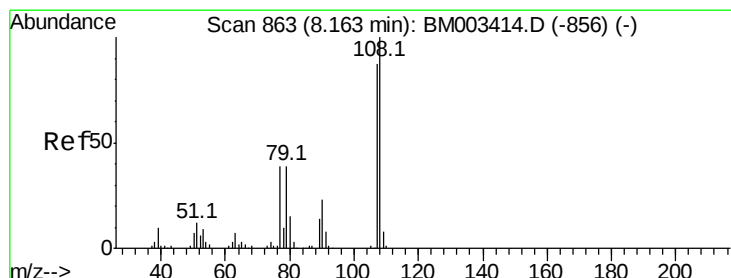
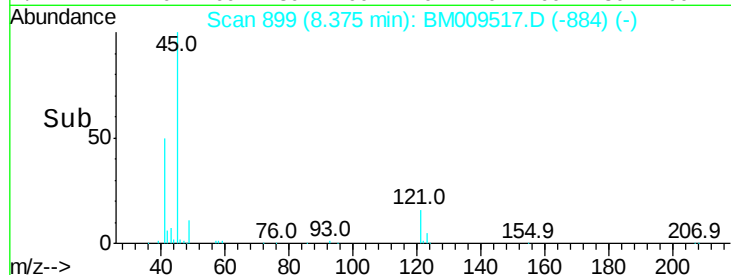
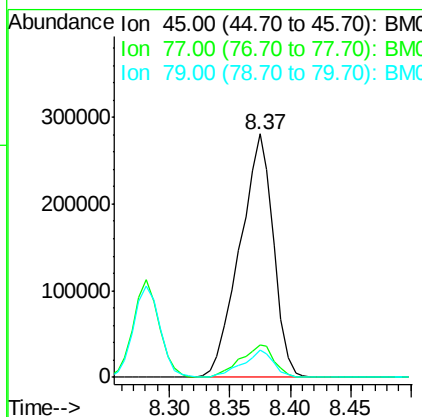
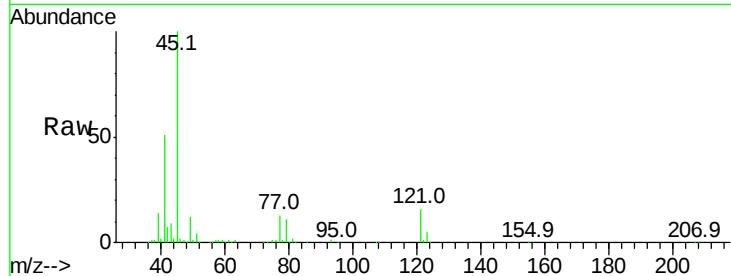
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.13 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.1	0.0	35.2	
79	11.3	0.0	32.0	

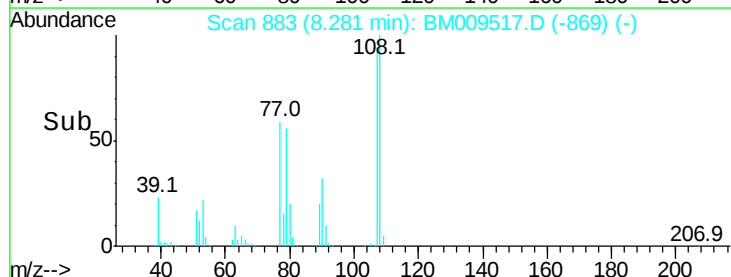
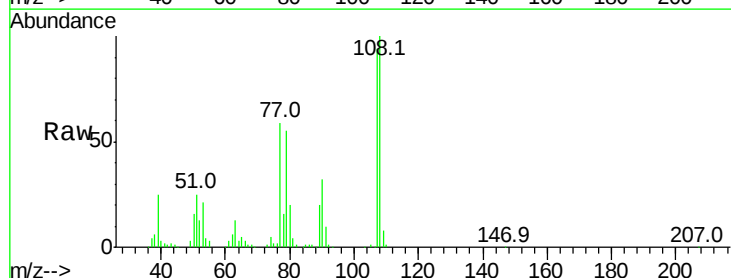
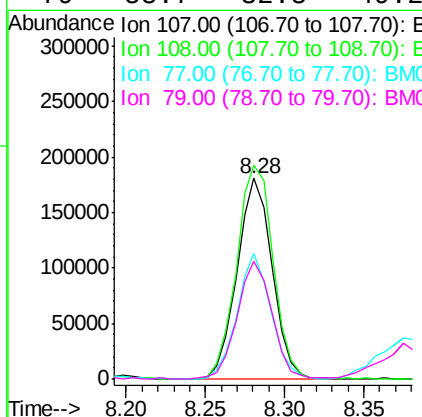
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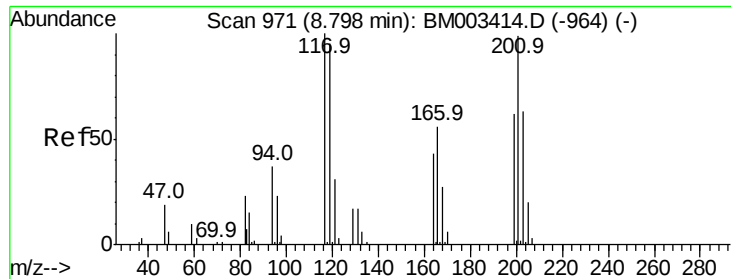
mohammad
4/4/2017 5:33:25 PM



#17
2-Methylphenol
Concen: 41.26 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	89.8	134.8	
77	62.6	32.6	48.8#	
79	58.7	32.8	49.2#	





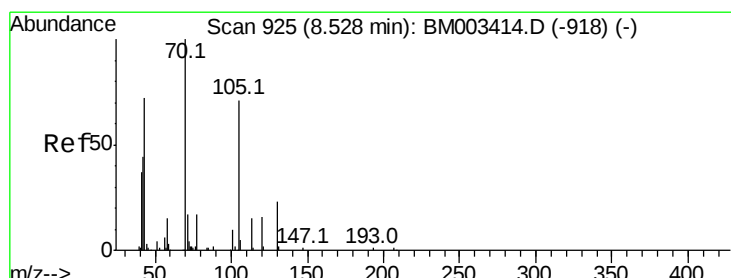
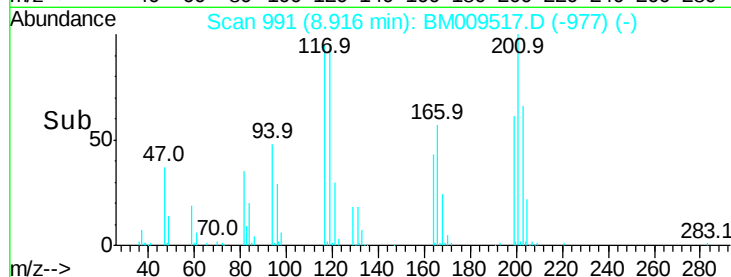
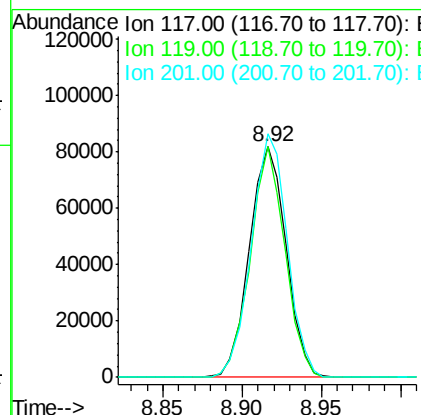
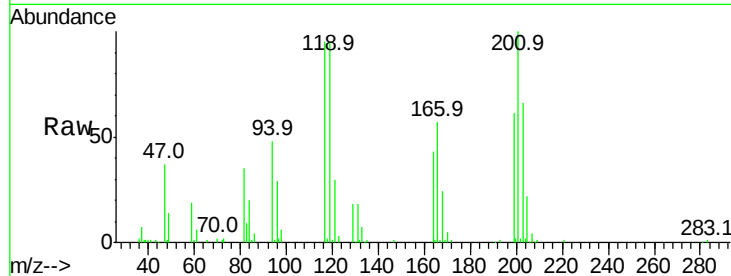
#18
Hexachloroethane
Concen: 37.13 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	131942		
119	100.0	79.2	118.8	
201	105.5	69.8	104.6	

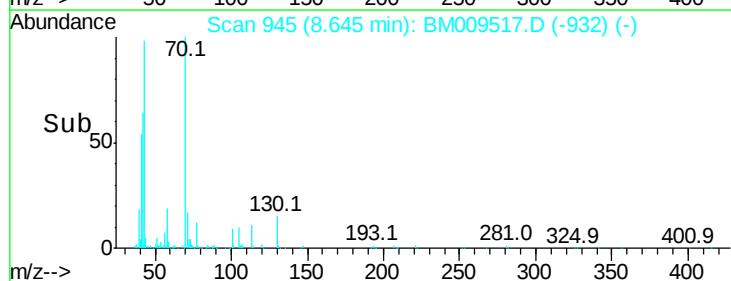
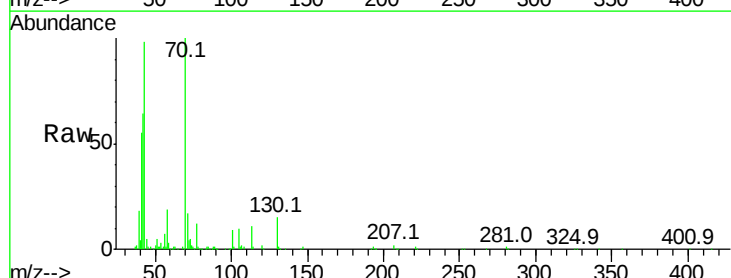
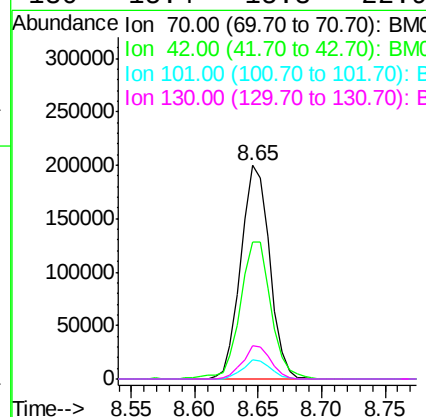
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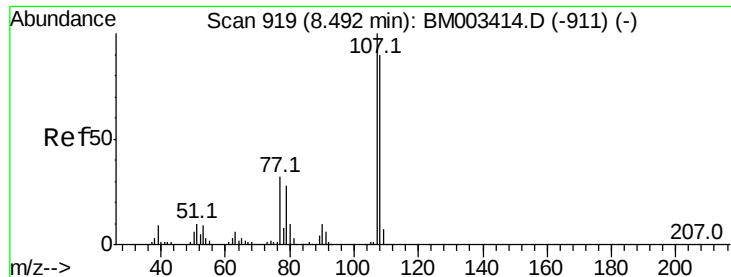
mohammad
4/4/2017 5:33:25 PM



#19
n-Nitroso-di-n-propylamine
Concen: 41.30 ng
RT: 8.65 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	314469		
42	64.1	44.5	66.7	
101	8.9	7.4	11.2	
130	15.4	15.3	22.9	





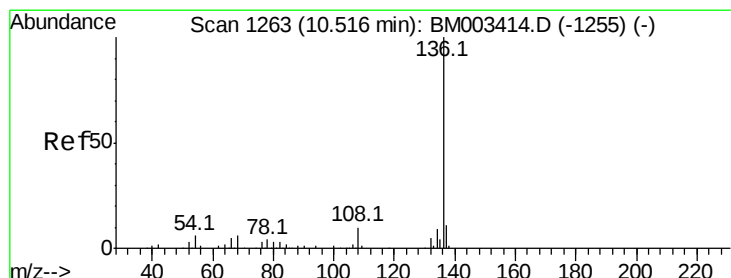
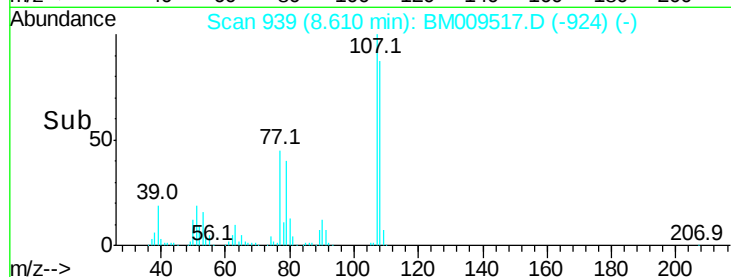
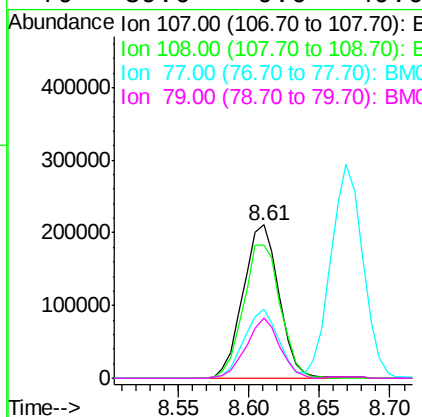
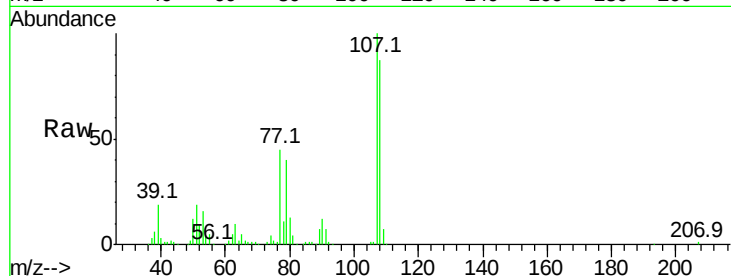
#20
3+4-Methylphenols
Concen: 41.57 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.2	113.2
77	45.0	10.7	50.7
79	39.6	9.6	49.6

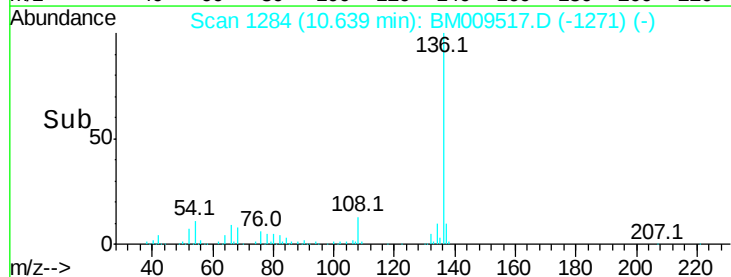
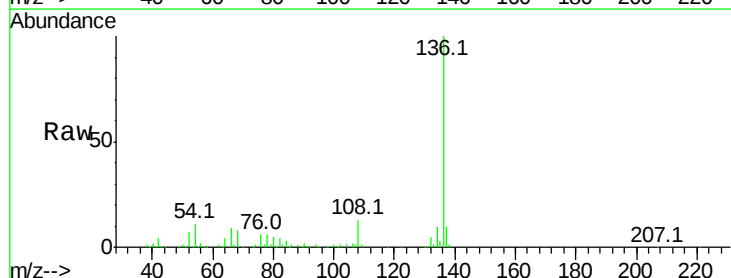
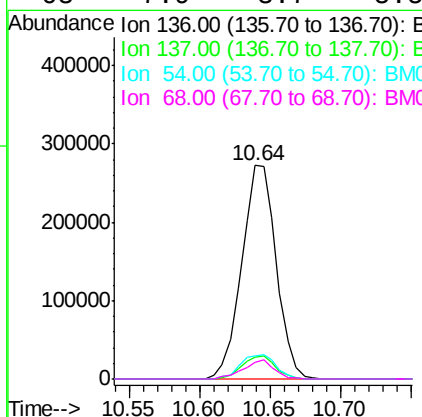
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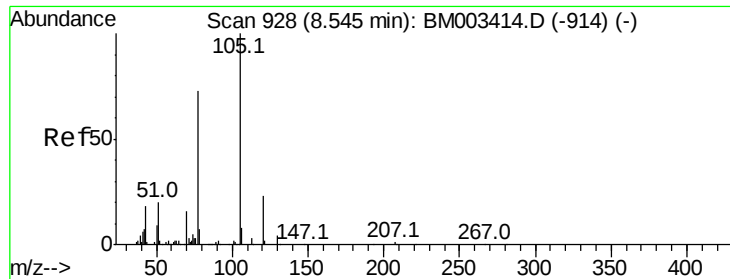
mohammad
4/4/2017 5:33:25 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.6	4.6	6.8#
68	7.9	3.7	5.5#





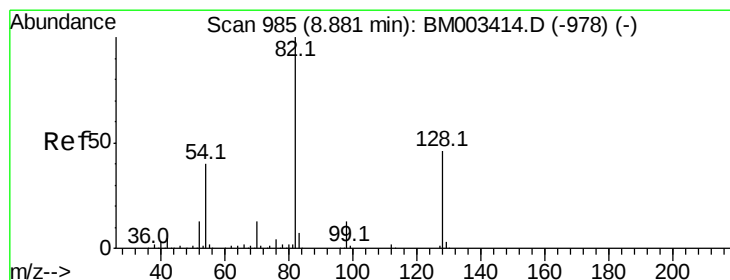
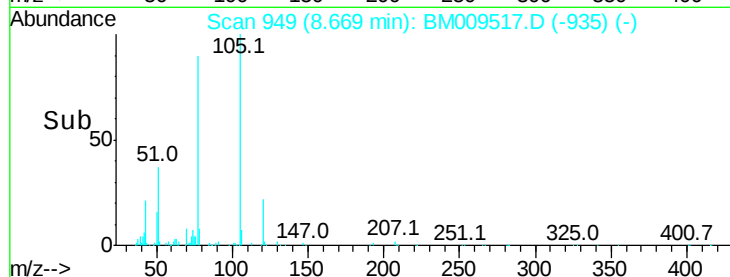
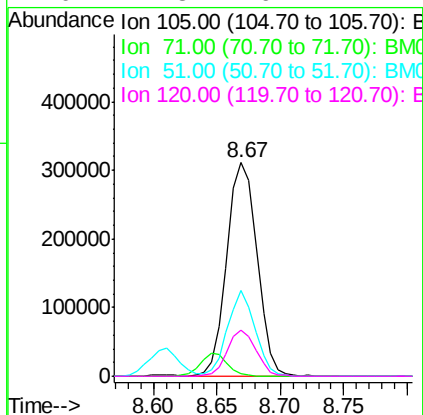
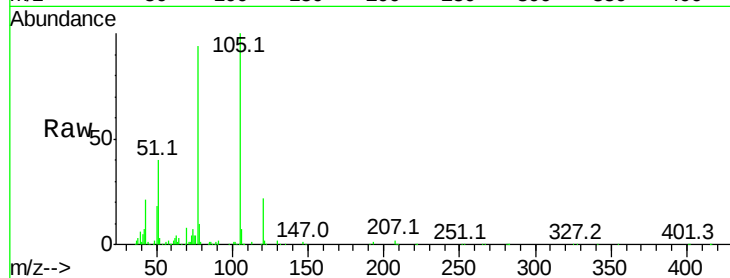
#22
Acetophenone
Concen: 39.29 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp Lower	Upper
105	100		
71	1.1	0.6	1.0#
51	39.9	21.6	32.4#
120	21.8	16.1	24.1

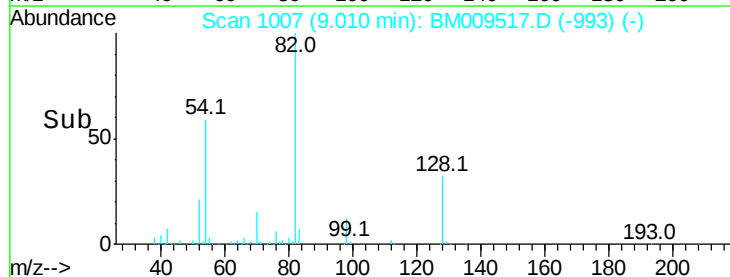
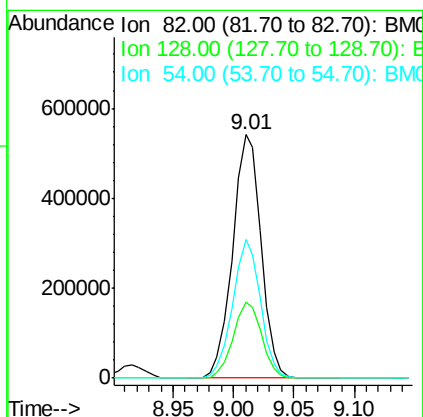
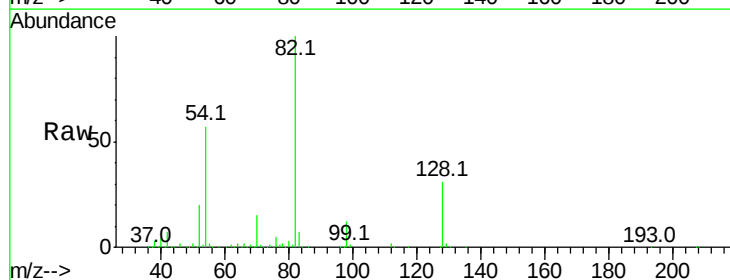
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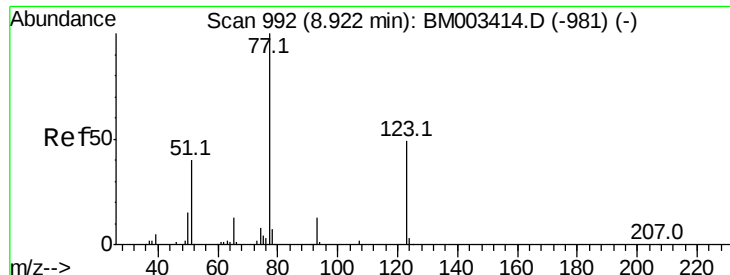
mohammad
4/4/2017 5:33:25 PM



#23
Nitrobenzene-d5
Concen: 71.85 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	31.1	32.8	49.2#
54	57.0	40.6	60.8





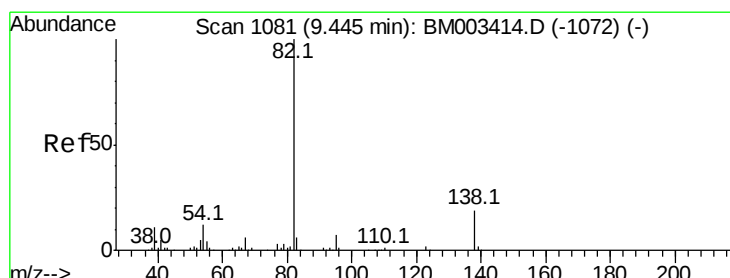
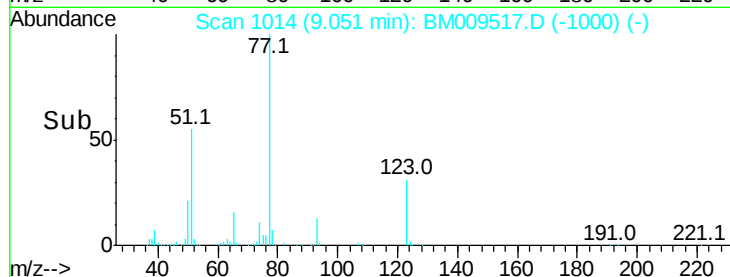
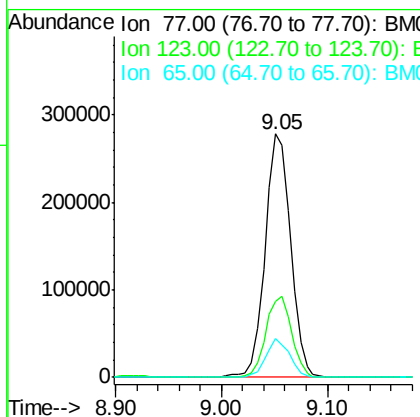
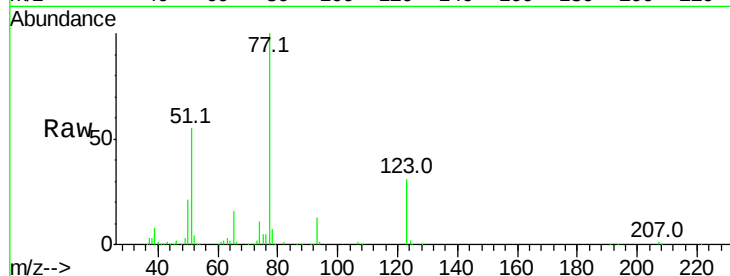
#24
Nitrobenzene
Concen: 38.45 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
77	100		
123	31.4	32.6	49.0#
65	16.2	10.9	16.3

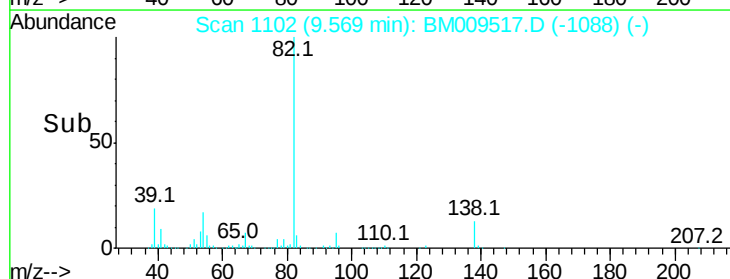
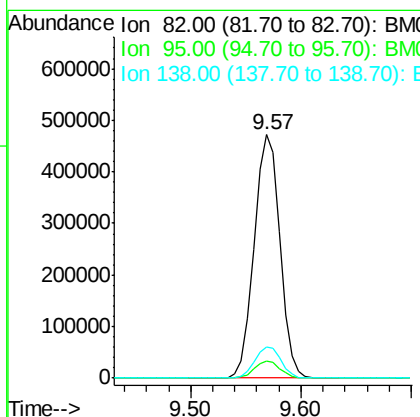
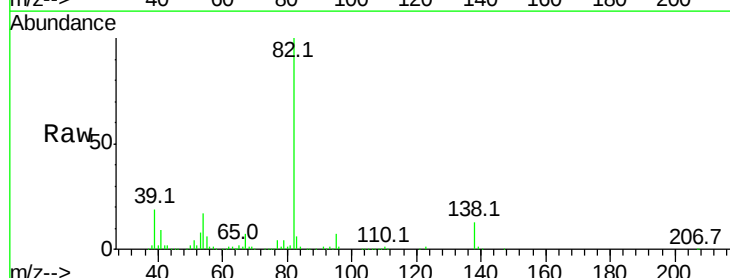
Manual Integrations
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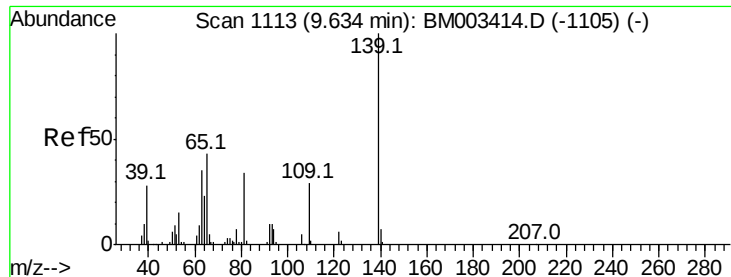
mohammad
4/4/2017 5:33:25 PM



#25
Isophorone
Concen: 41.01 ng
RT: 9.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	12.6	16.3	24.5#





#26

2-Nitrophenol

Concen: 42.37 ng

RT: 9.76 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

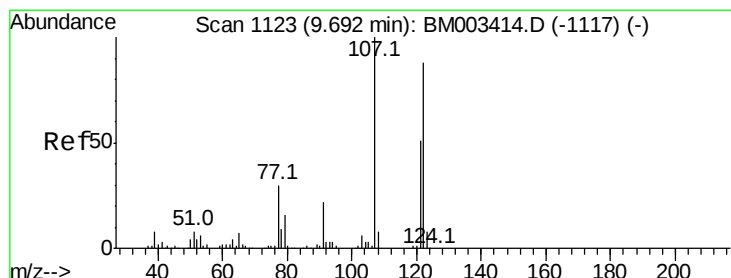
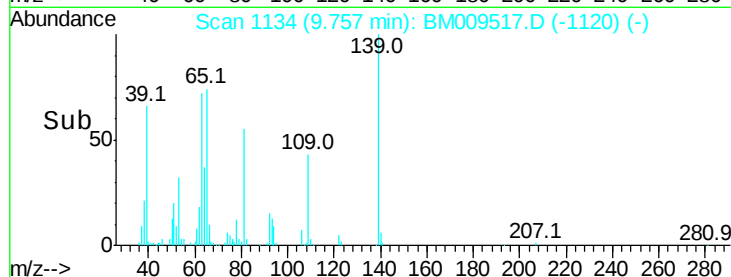
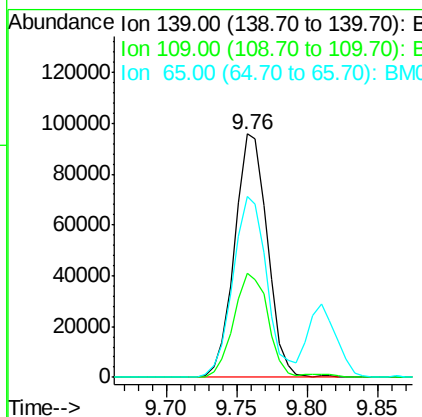
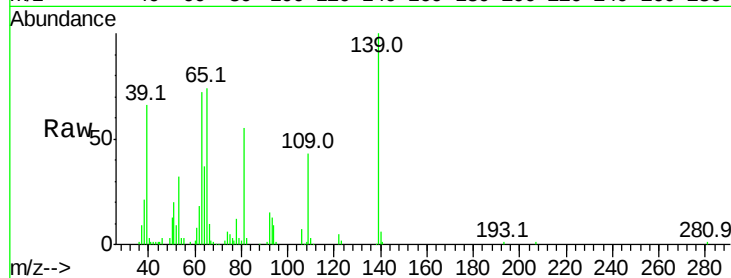
ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:139	Resp:	155136
Ion Ratio	Lower	Upper
139 100		
109 42.9	20.1	30.1#
65 74.1	31.5	47.3#

Manual Integrations
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mohammad
4/4/2017 5:33:25 PM



#27

2,4-Dimethylphenol

Concen: 41.05 ng

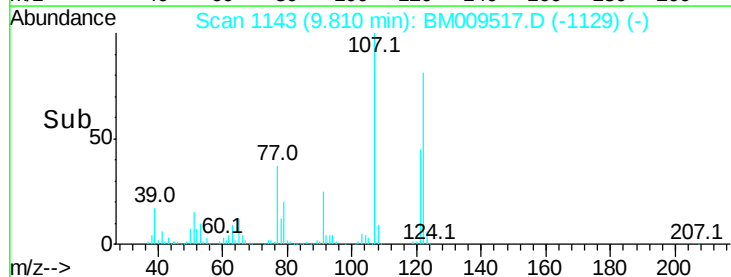
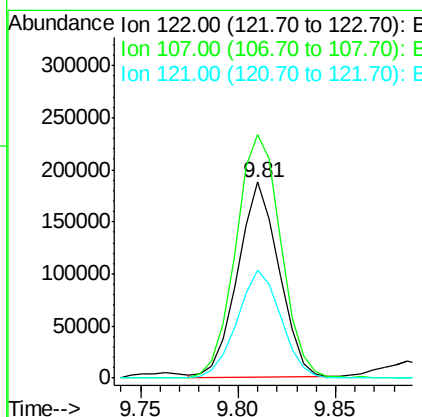
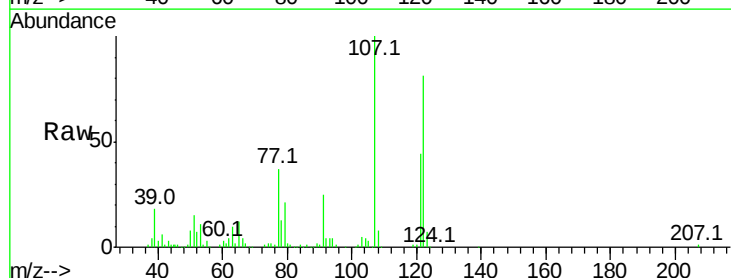
RT: 9.81 min Scan# 1143

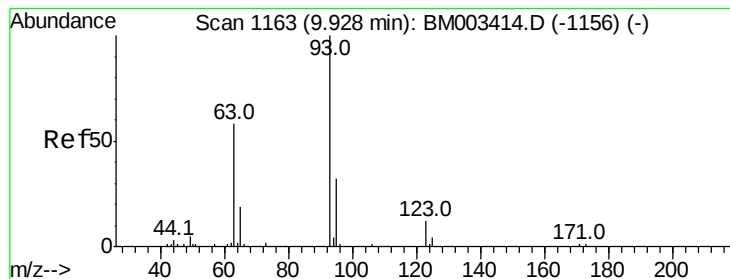
Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:122	Resp:	274975
Ion Ratio	Lower	Upper
122 100		
107 124.1	84.7	127.1
121 55.2	46.6	69.8





#28

bis(2-Chloroethoxy)methane

Concen: 38.34 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

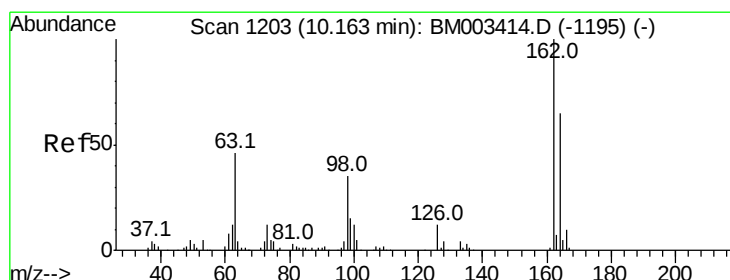
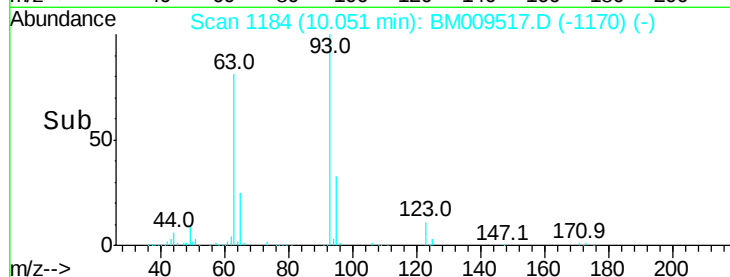
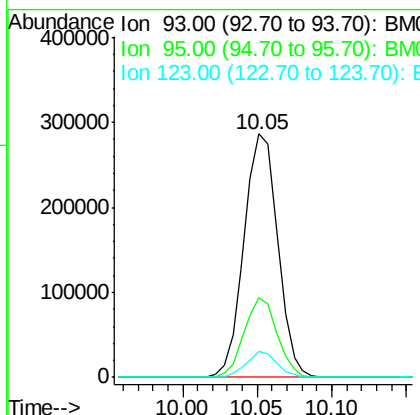
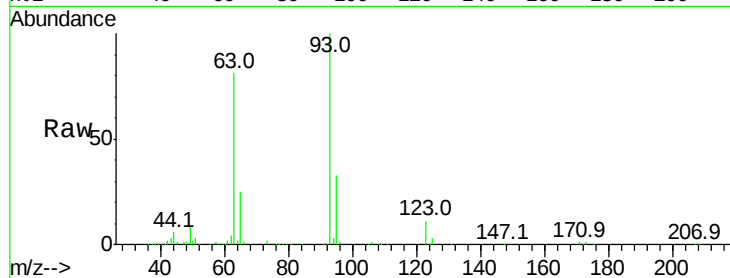
ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:	93	Resp:	448701
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.5	38.3
123	10.9	8.6	13.0

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#29

2,4-Dichlorophenol

Concen: 41.23 ng

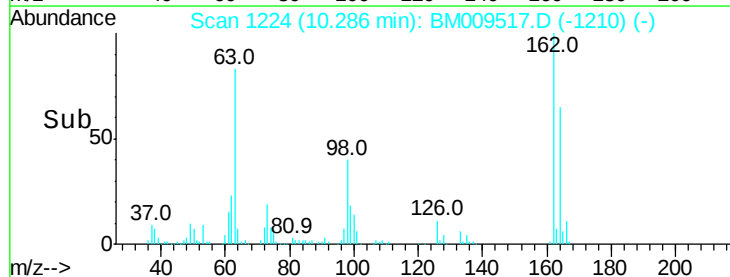
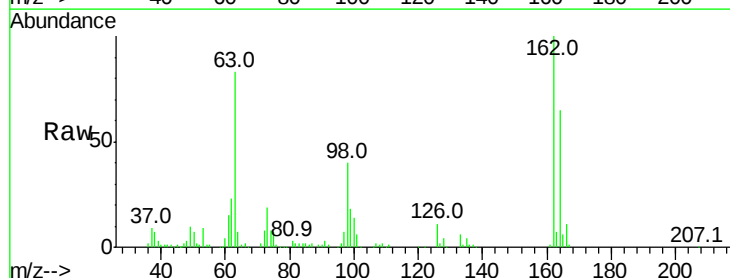
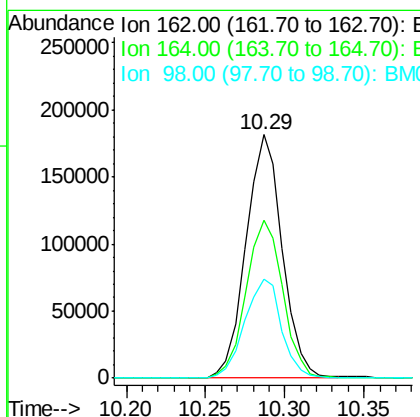
RT: 10.29 min Scan# 1224

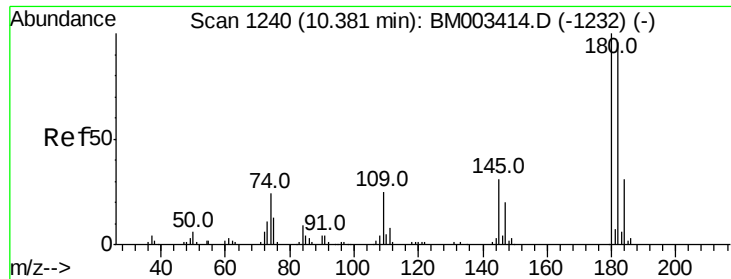
Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:	162	Resp:	288718
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.8	82.8
98	40.5	14.5	54.5





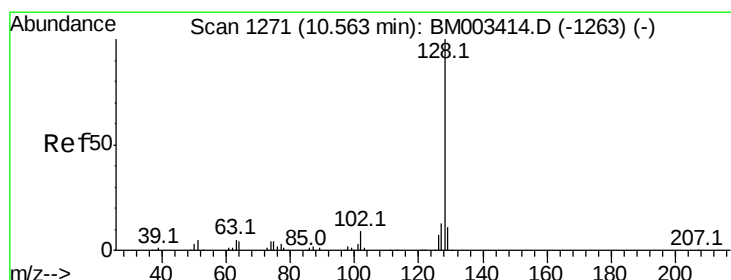
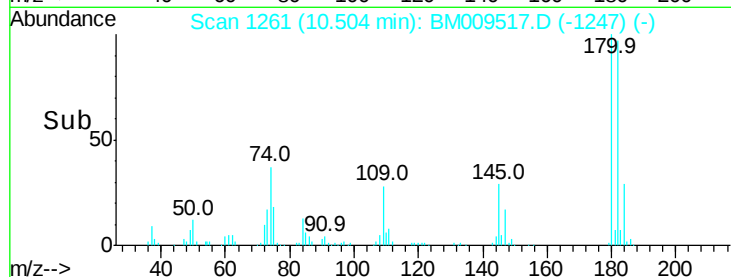
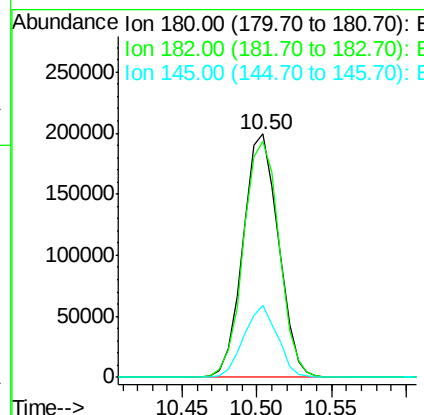
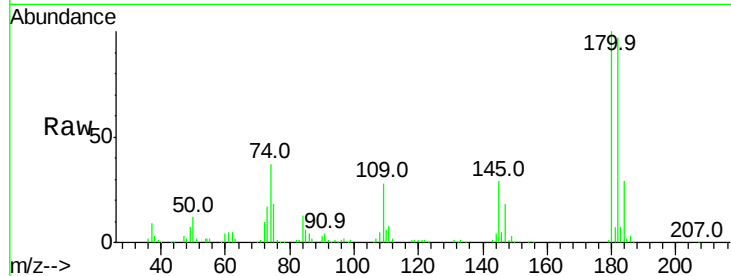
#30
 1,2,4-Trichlorobenzene
 Concen: 37.75 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.6	116.4
145	29.4	23.4	35.2

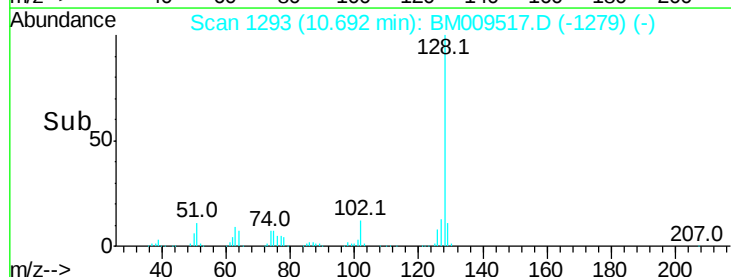
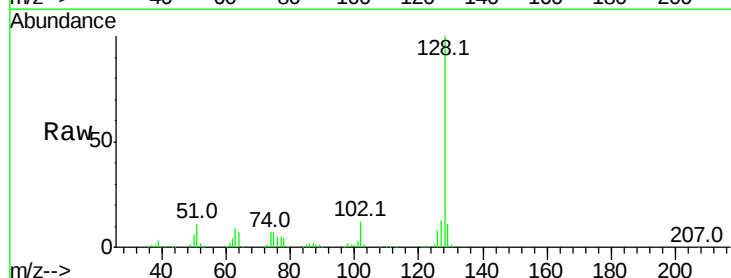
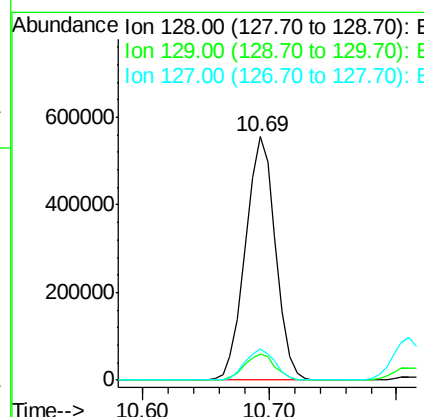
Manual Integrations
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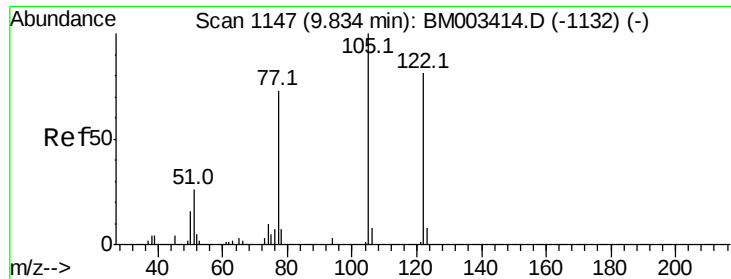
mohammad
 4/4/2017 5:33:25 PM



#31
 Naphthalene
 Concen: 36.96 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.0	10.4	15.6





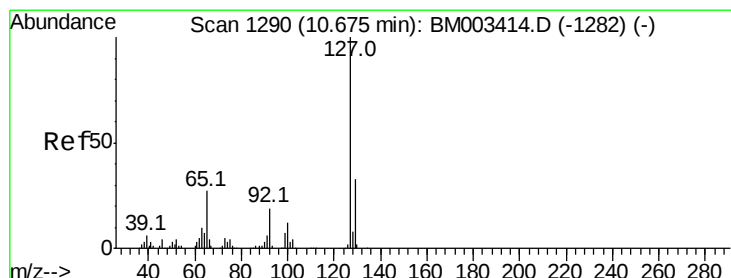
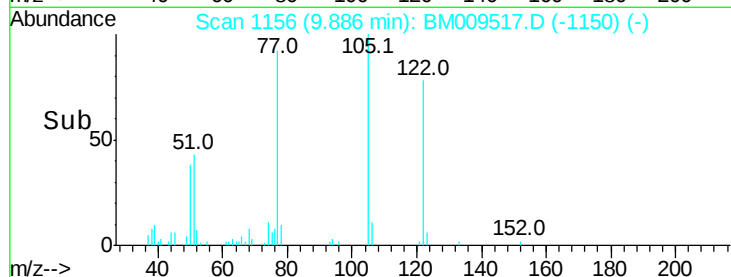
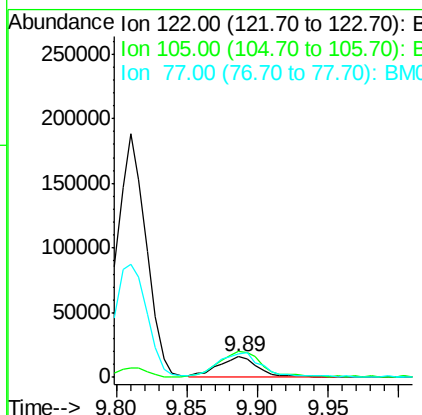
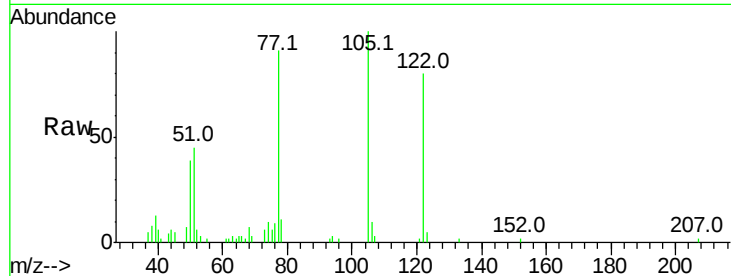
#32
Benzoic acid
Concen: 9.50 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	29901		
105	125.5	99.9	139.9	
77	114.7	73.7	113.7	

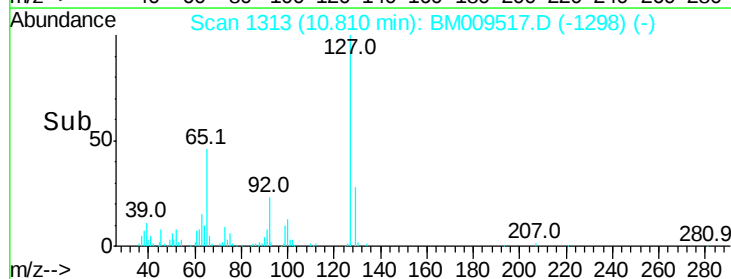
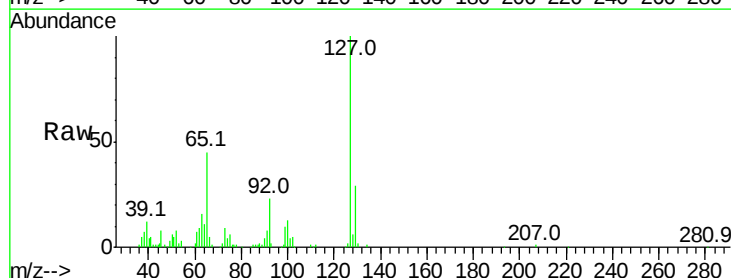
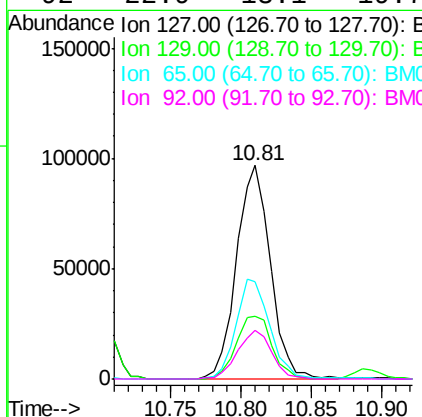
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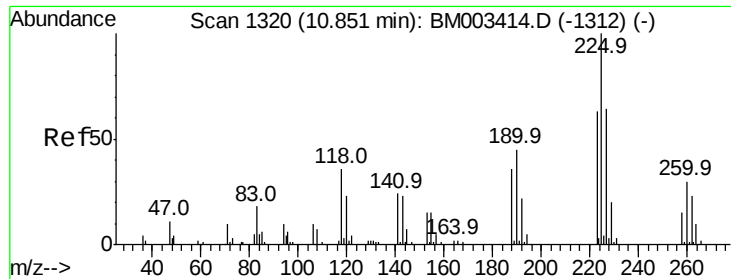
mohammad
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#33
4-Chloroaniline
Concen: 17.04 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	162124		
129	29.4	25.3	37.9	
65	45.5	17.6	26.4	
92	22.9	13.1	19.7	





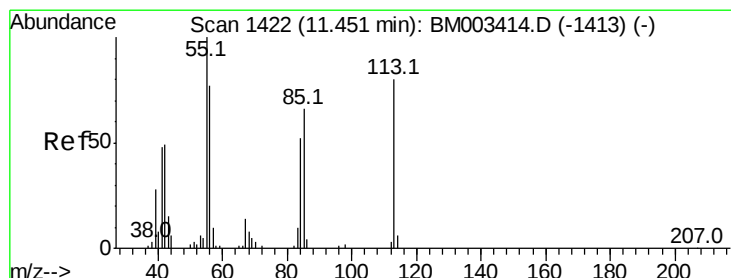
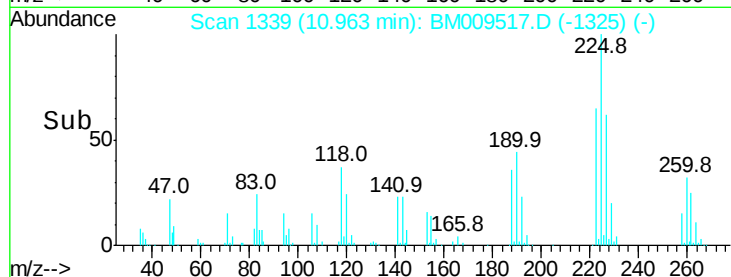
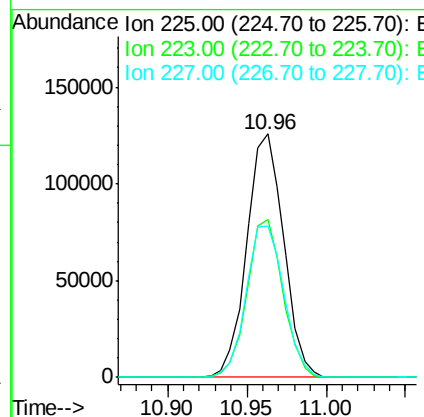
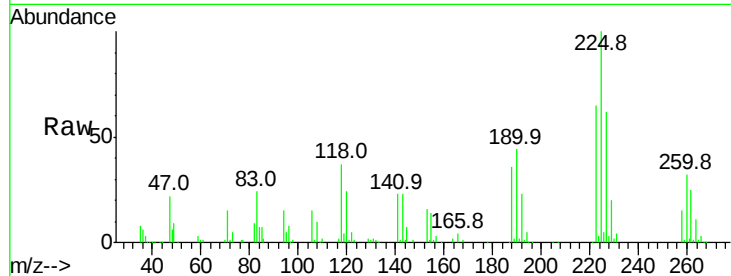
#34
Hexachlorobutadiene
Concen: 34.20 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	203459		
223	65.0		47.9	71.9
227	62.2		50.1	75.1

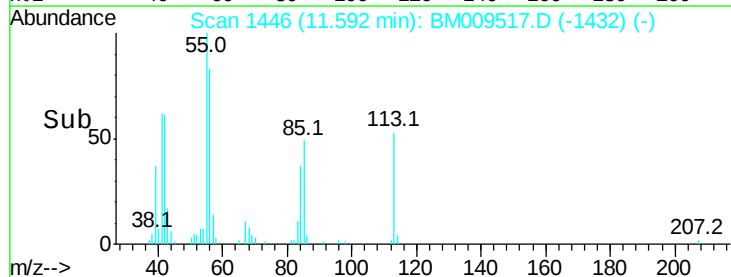
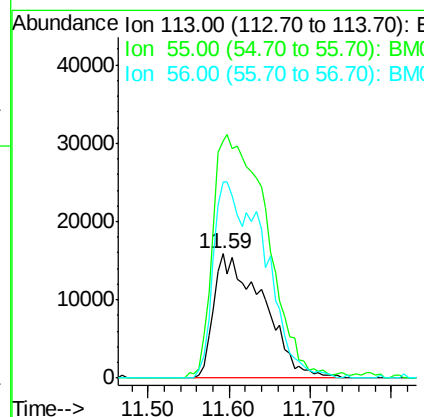
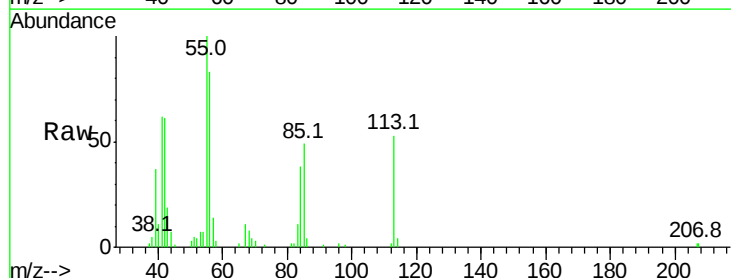
Manual Integrations
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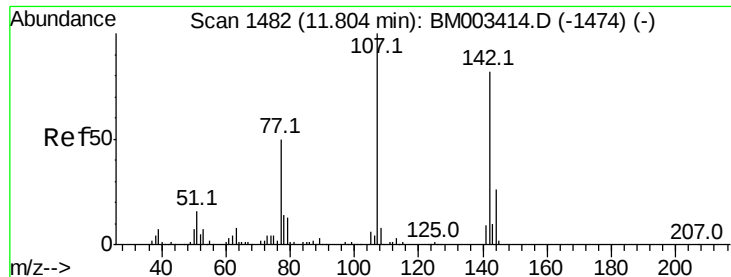
mohammad
4/4/2017 5:33:25 PM



#35
Caprolactam
Concen: 31.30 ng m
RT: 11.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66911		
55	190.2		145.9	185.9#
56	157.8		101.0	141.0#





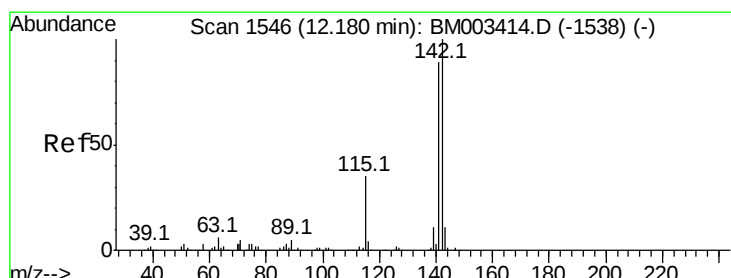
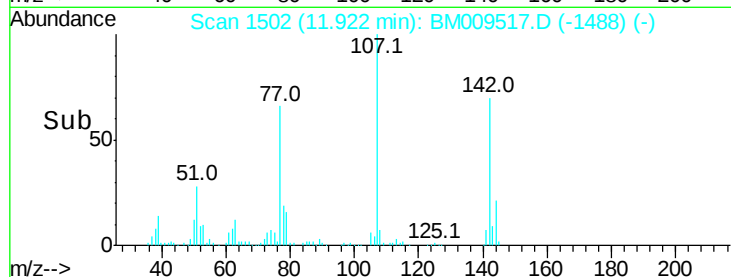
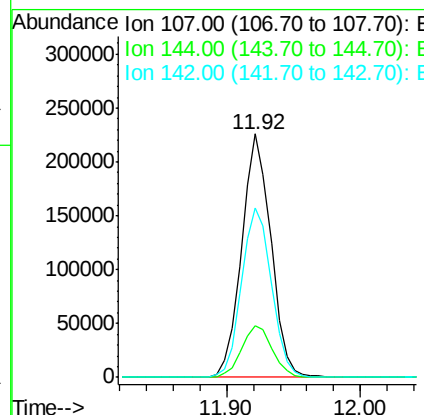
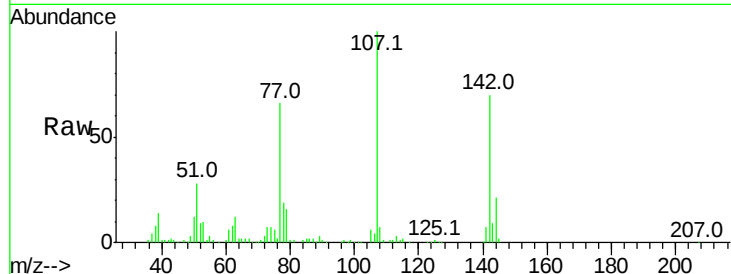
#36
 4-Chloro-3-methylphenol
 Concen: 43.15 ng
 RT: 11.92 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.4	23.3	34.9#
142	69.8	72.6	109.0#

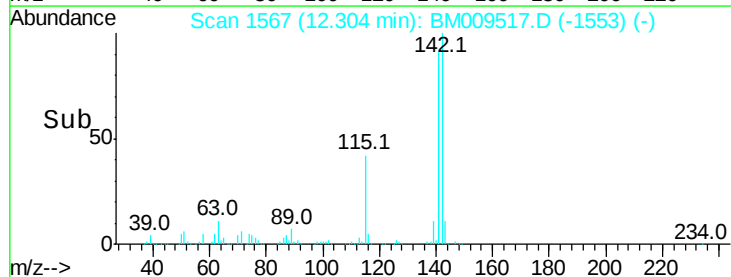
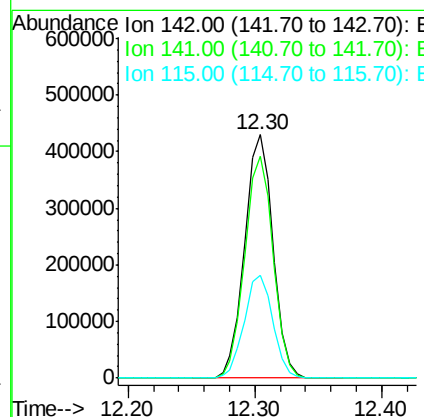
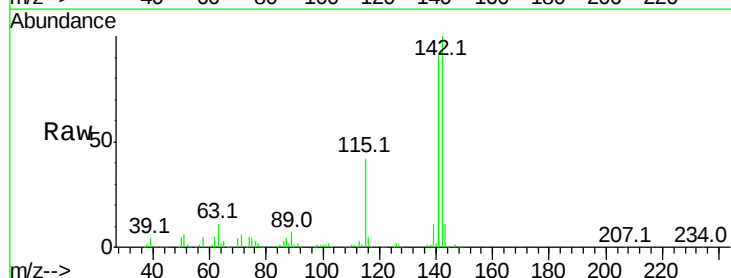
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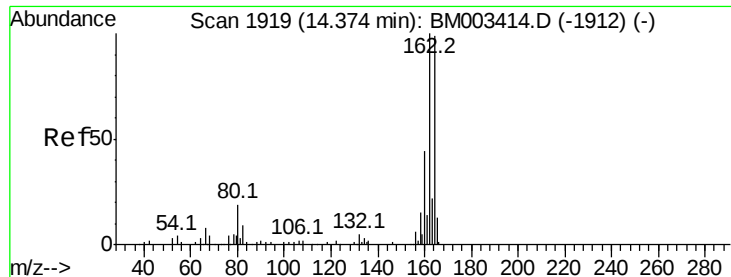
mohammad
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#37
 2-Methylnaphthalene
 Concen: 39.14 ng
 RT: 12.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	42.4	25.4	38.0#





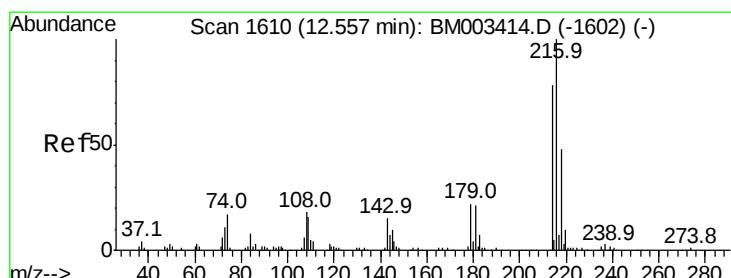
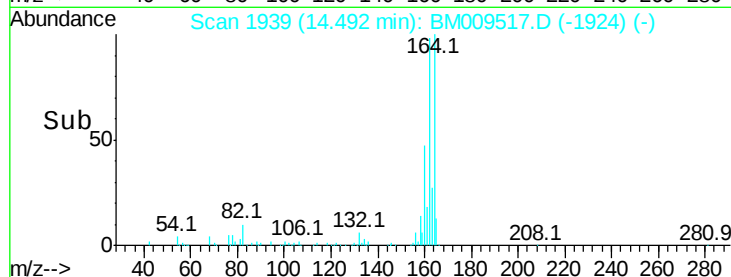
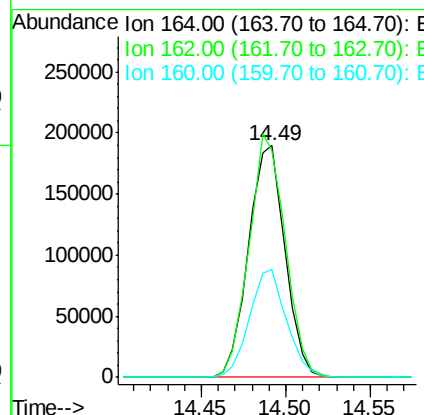
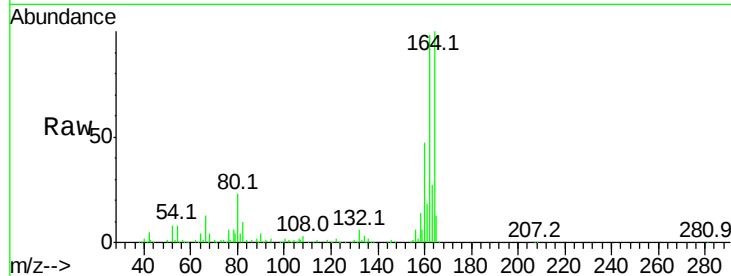
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.4	123.6
160	46.7	35.8	53.6

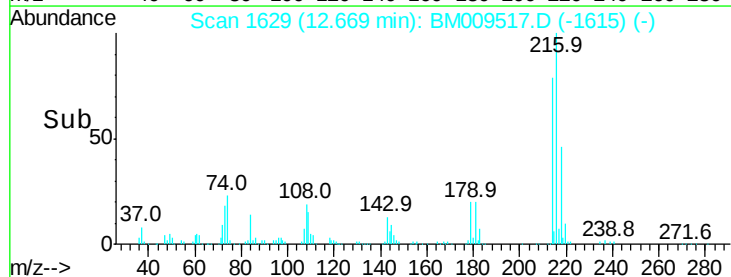
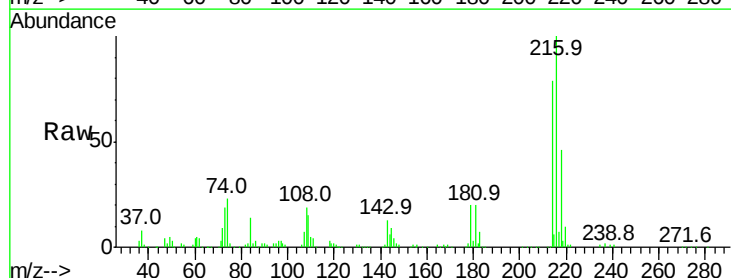
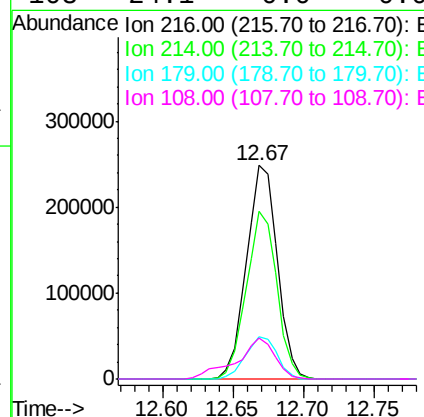
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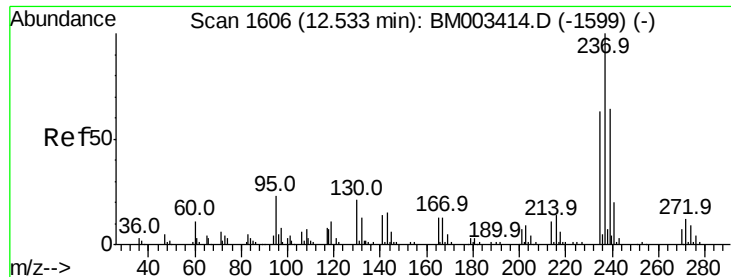
mohammad
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.29 ng
 RT: 12.67 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	0.0	0.0#
179	20.1	0.0	0.0#
108	24.1	0.0	0.0#





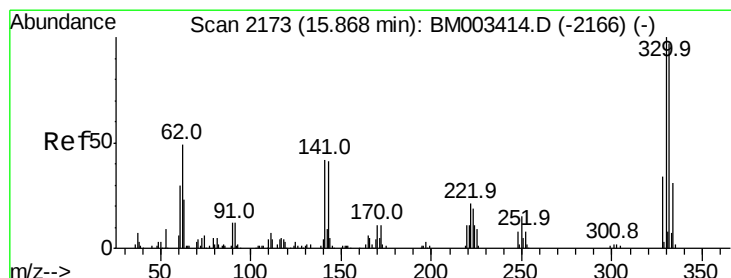
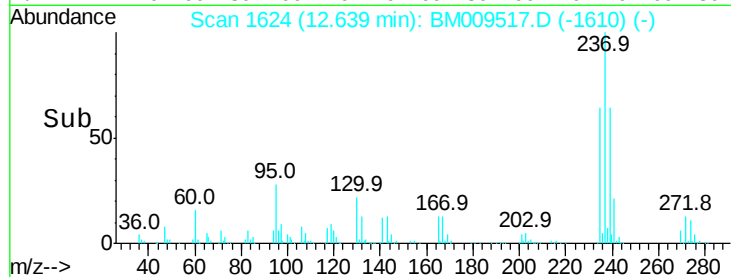
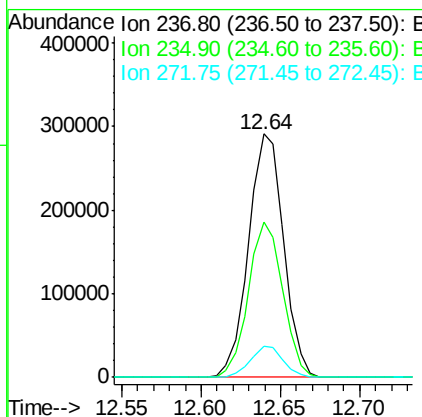
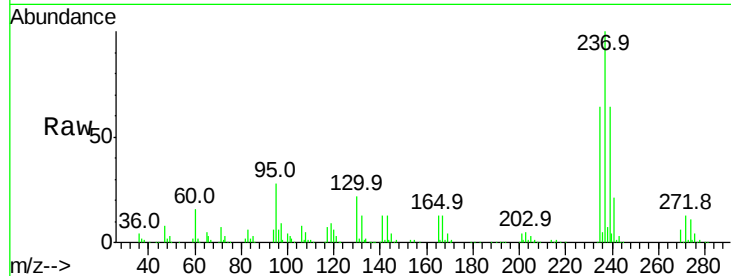
#40
Hexachlorocyclopentadiene
Concen: 72.25 ng
RT: 12.64 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	447328		
235	63.6	42.0	82.0	
272	12.6	0.0	33.4	

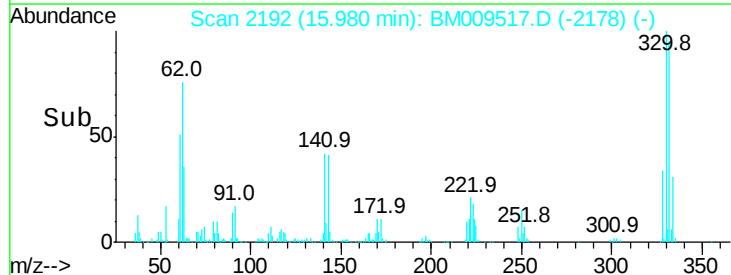
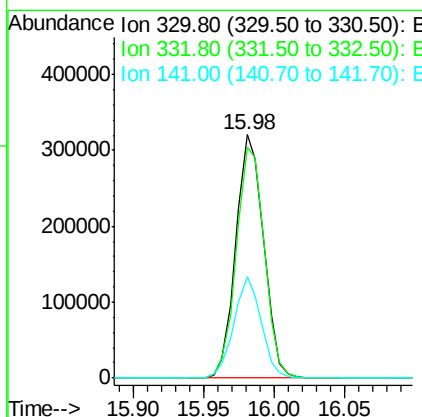
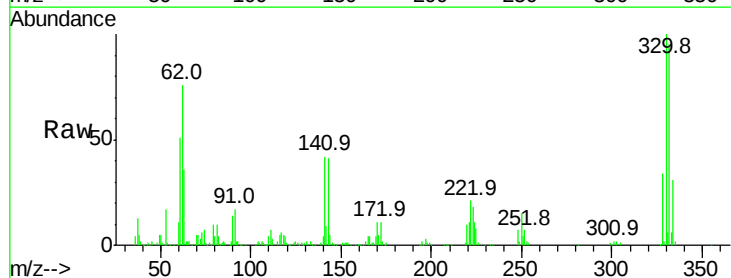
Manual Integrations
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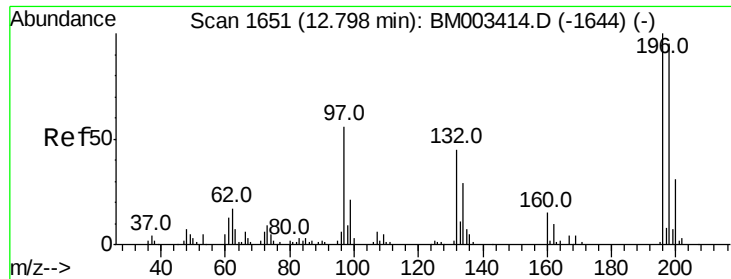
mohammad
4/4/2017 5:33:25 PM



#41
2,4,6-Tribromophenol
Concen: 124.21 ng
RT: 15.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	440906		
332	96.0	0.0	0.0#	
141	41.0	0.0	0.0#	





#42

2,4,6-Trichlorophenol

Concen: 42.24 ng

RT: 12.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

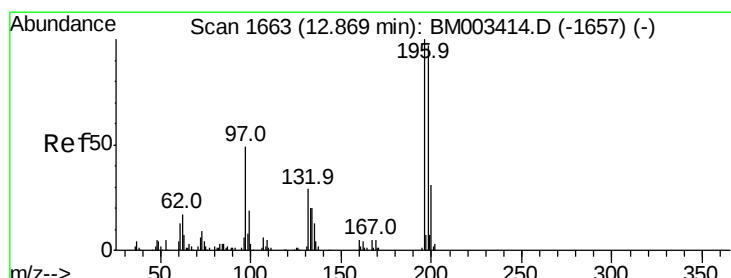
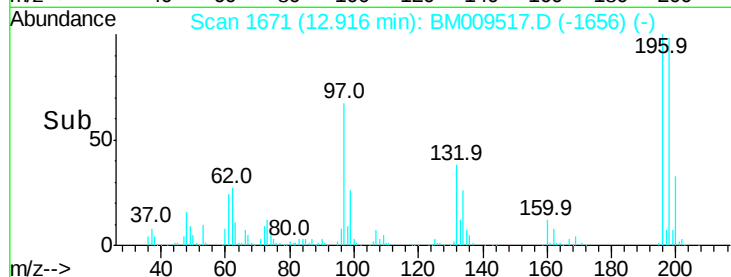
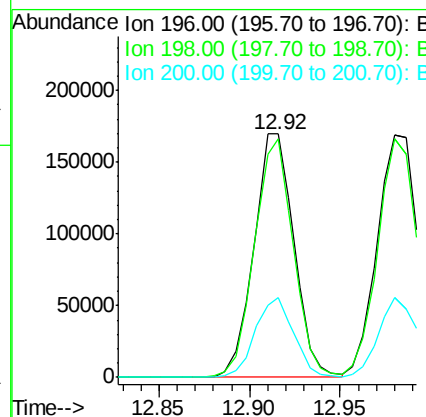
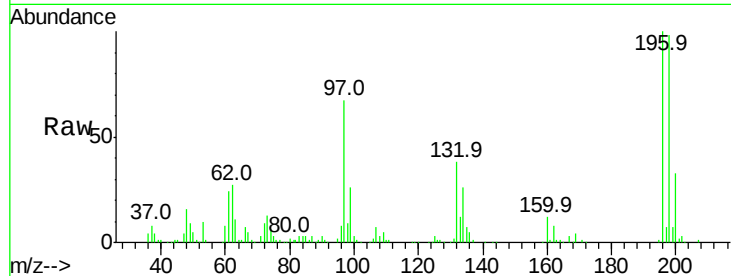
ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:	196	Resp:	260554
Ion Ratio	Lower	Upper	
196	100		
198	98.0	76.3	114.5
200	32.9	25.6	38.4

Manual Integrations
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mohammad
4/4/2017 5:33:25 PM



#43

2,4,5-Trichlorophenol

Concen: 39.20 ng

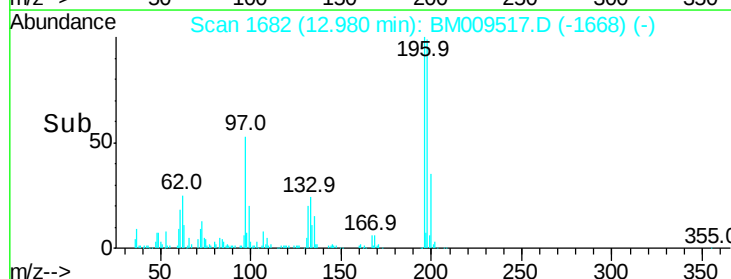
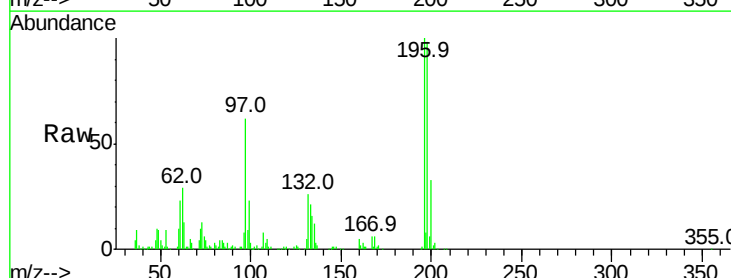
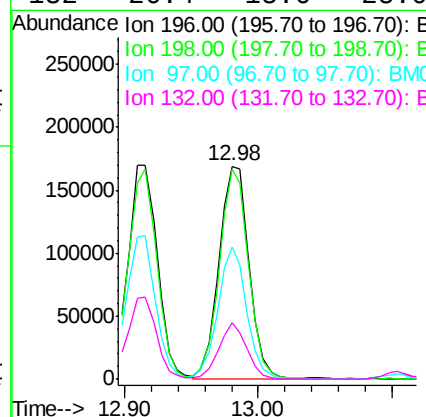
RT: 12.98 min Scan# 1682

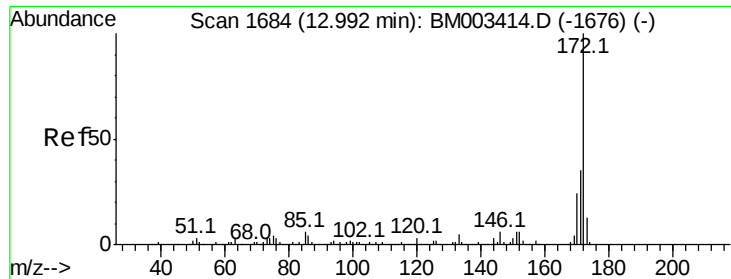
Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:	196	Resp:	269790
Ion Ratio	Lower	Upper	
196	100		
198	98.4	79.4	119.0
97	62.1	26.8	40.2#
132	26.4	18.6	28.0





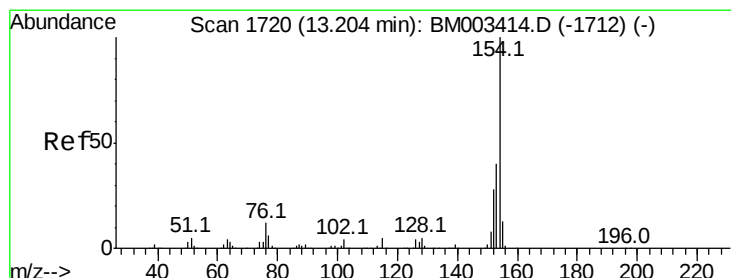
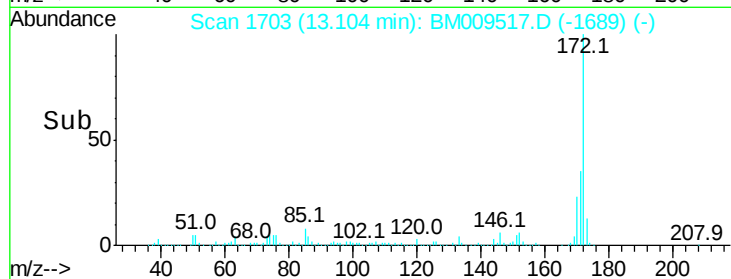
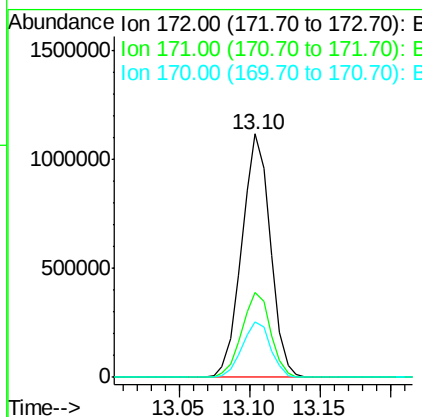
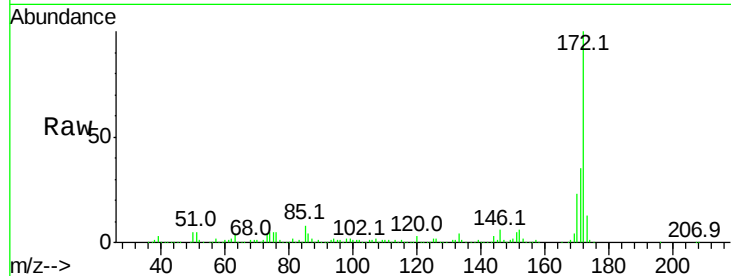
#44
2-Fluorobiphenyl
Concen: 66.52 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion:172 Resp: 1577396
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.7 18.8 28.2

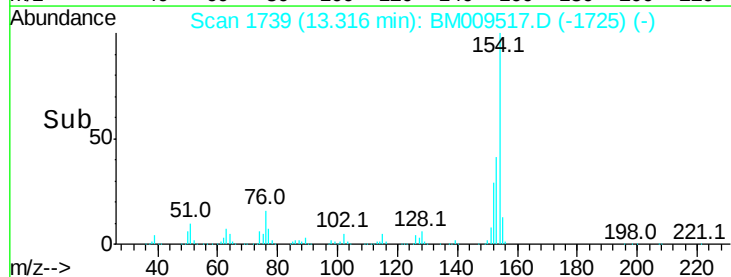
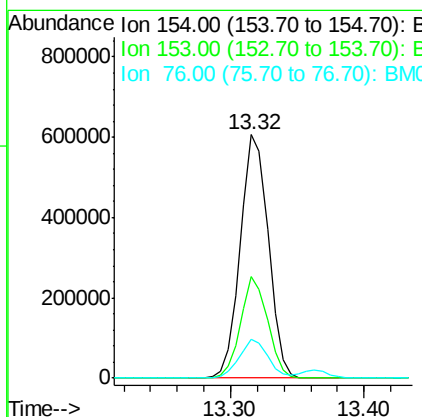
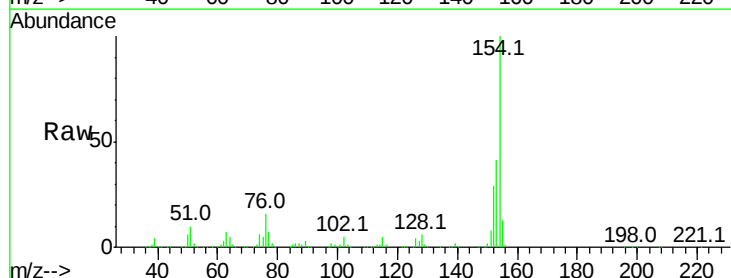
Manual Integrations
APPROVED

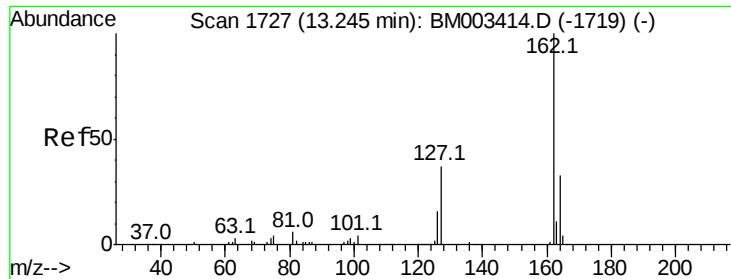
mohammad
4/4/2017 5:33:25 PM



#45
1,1'-Biphenyl
Concen: 37.02 ng
RT: 13.32 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:154 Resp: 880250
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 16.1 0.0 30.9





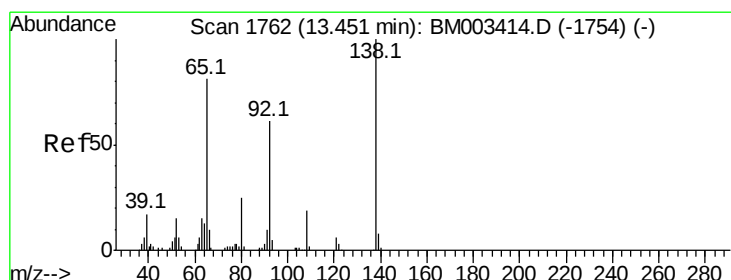
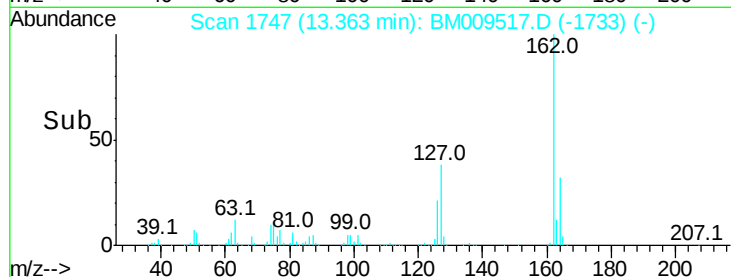
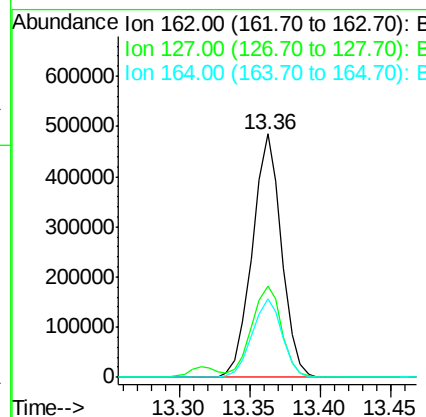
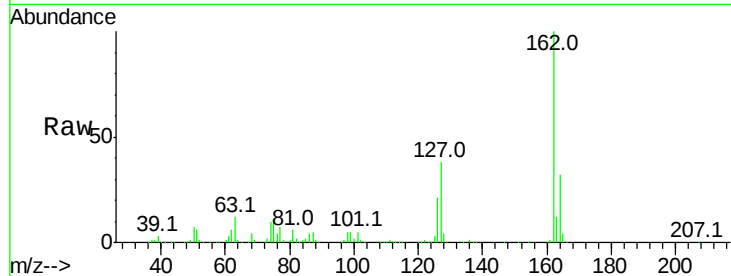
#46
2-Chloronaphthalene
Concen: 38.10 ng
RT: 13.36 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	703657		
127	37.7	26.9	40.3	
164	32.2	26.8	40.2	

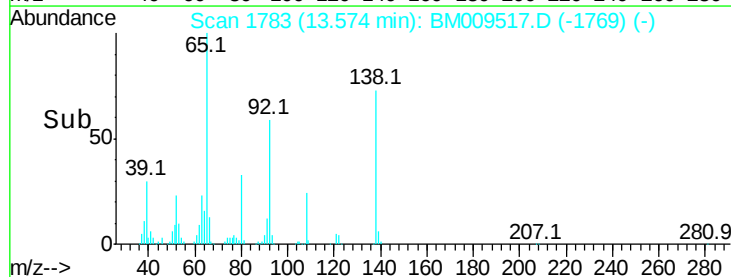
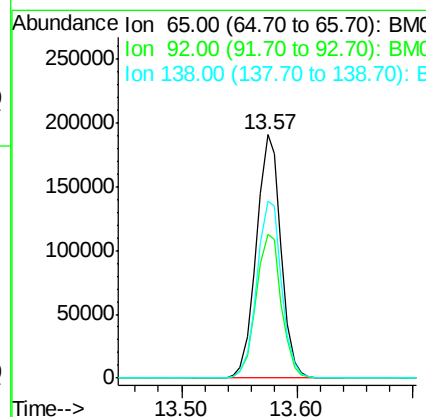
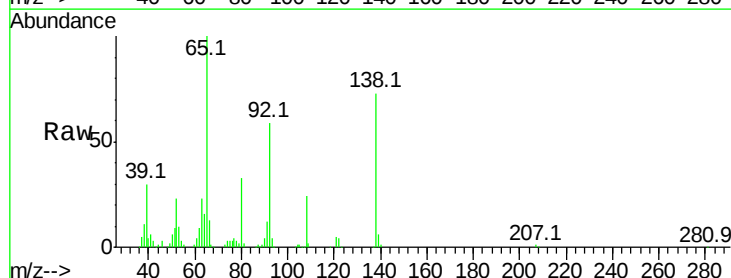
Manual Integrations
APPROVED

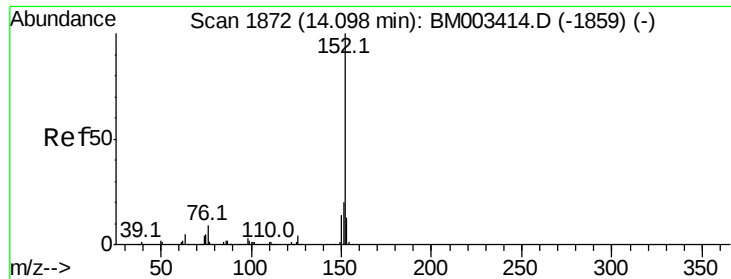
mohammad
4/4/2017 5:33:25 PM



#47
2-Nitroaniline
Concen: 41.80 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	284445		
92	59.1	59.1	88.7	
138	72.8	93.9	140.9#	





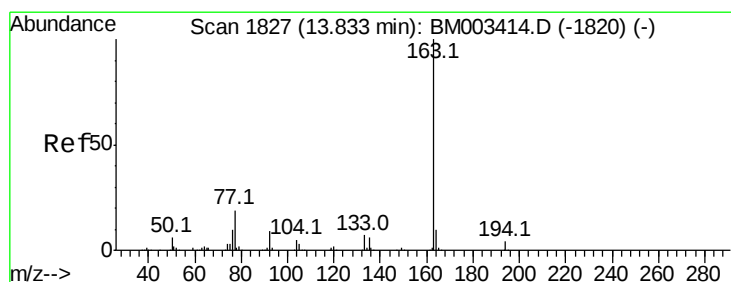
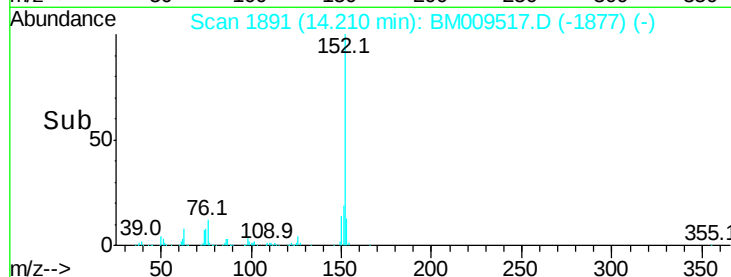
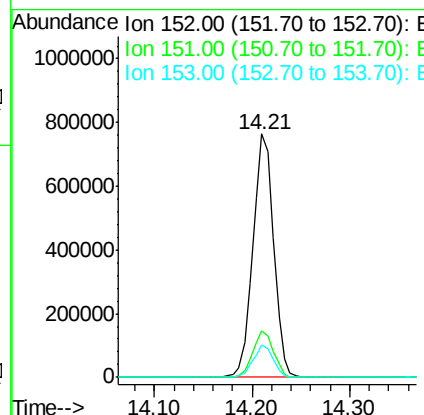
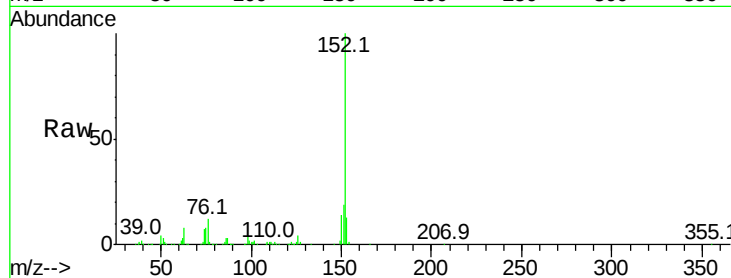
#48
Acenaphthylene
Concen: 37.51 ng
RT: 14.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	13.3	10.6	16.0

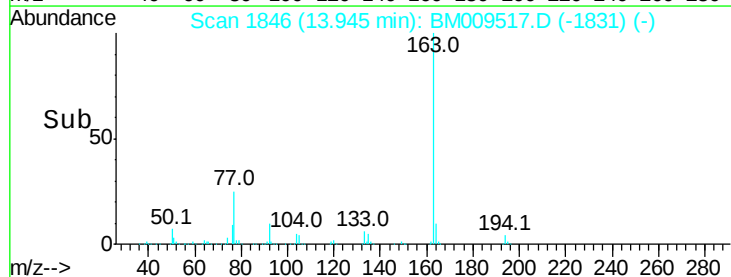
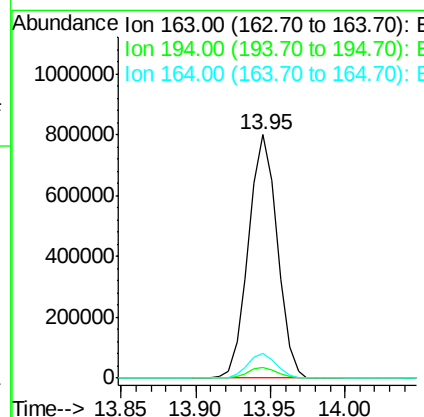
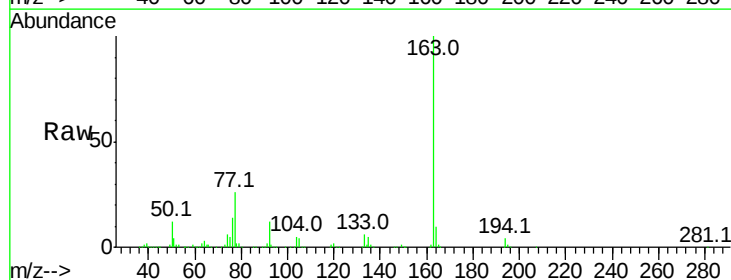
Manual Integrations
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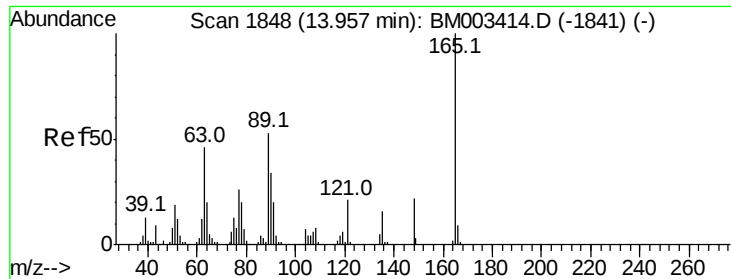
mohammad
4/4/2017 5:33:25 PM



#49
Dimethylphthalate
Concen: 48.58 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.0	8.2	12.2





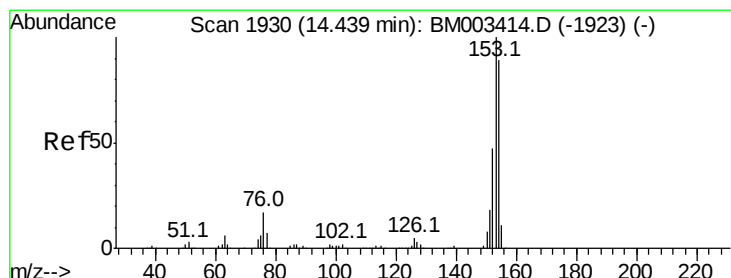
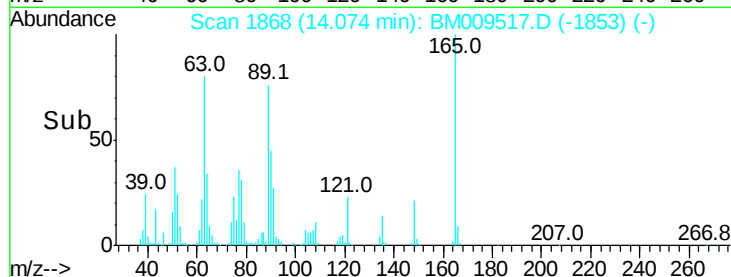
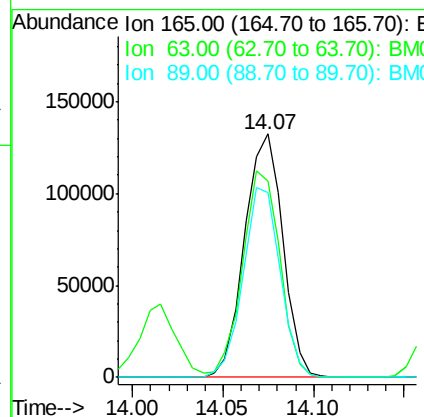
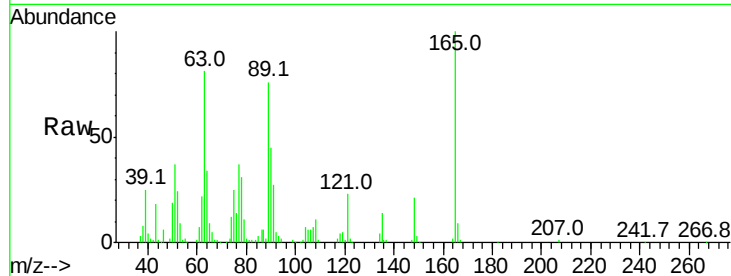
#50
2,6-Dinitrotoluene
Concen: 41.17 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194639		
63	80.7	44.1	66.1#	
89	75.6	44.3	66.5#	

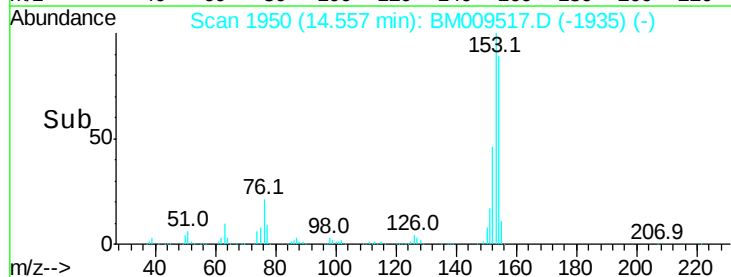
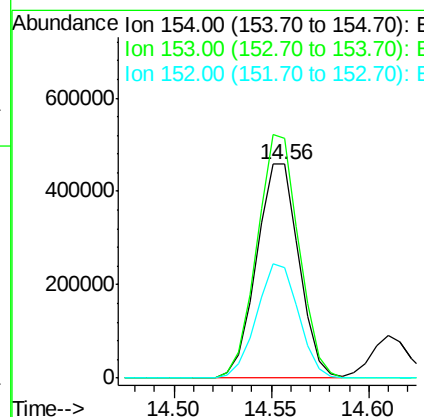
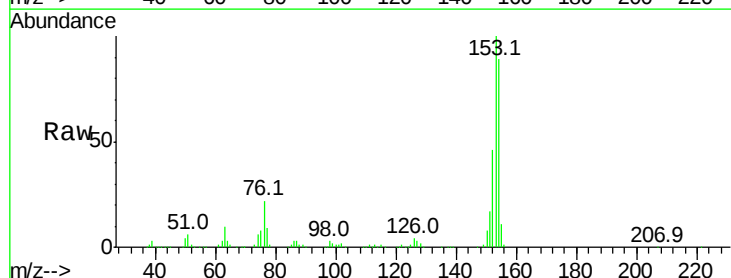
Manual Integrations
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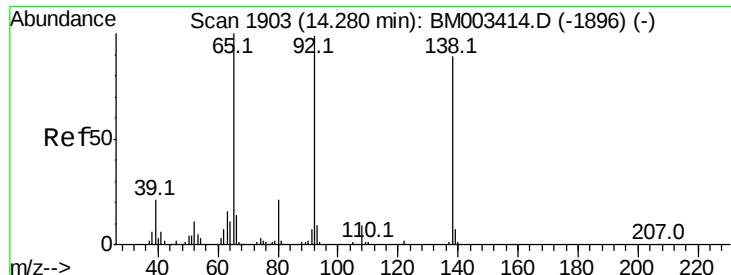
mohammad
4/4/2017 5:33:25 PM



#51
Acenaphthene
Concen: 37.91 ng
RT: 14.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	688091		
153	112.3	90.0	135.0	
152	51.6	42.6	63.8	





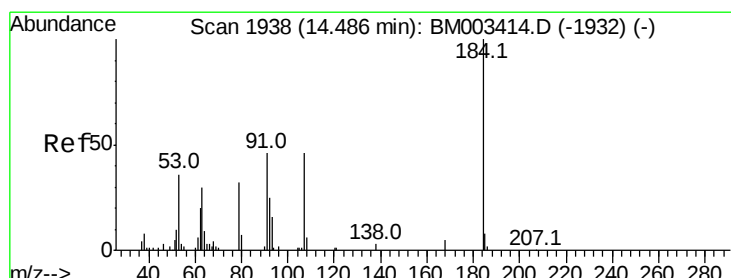
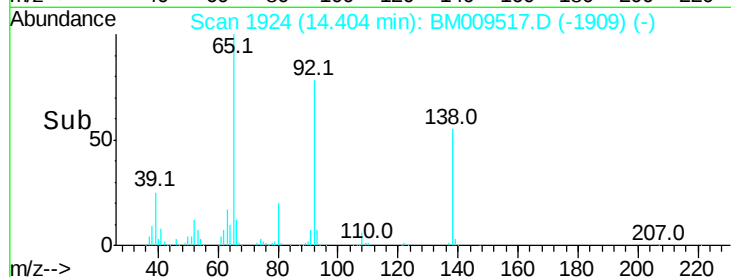
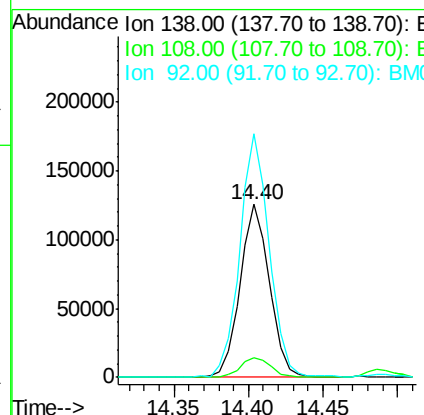
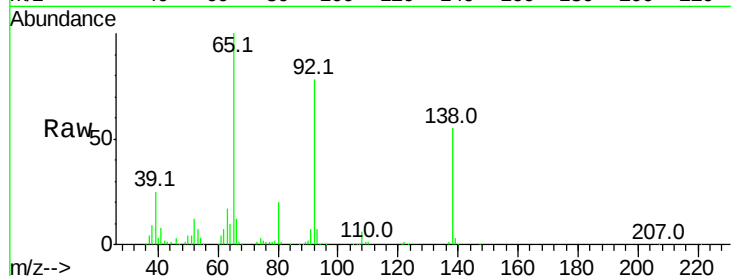
#52
3-Nitroaniline
Concen: 37.00 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.3	10.9#
92	140.8	76.6	114.8#

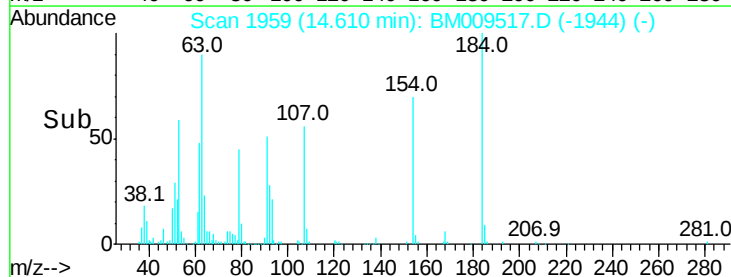
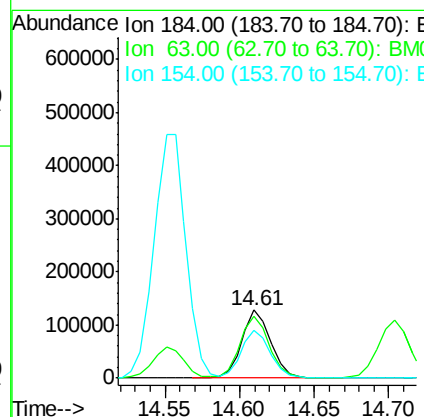
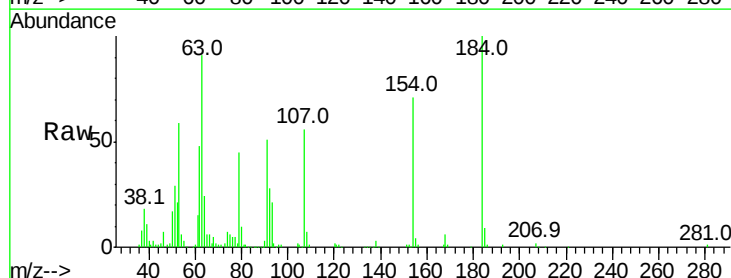
Manual Integrations
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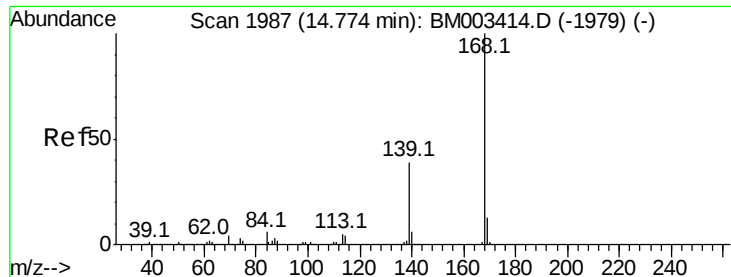
mohammad
4/4/2017 5:33:25 PM



#53
2,4-Dinitrophenol
Concen: 56.18 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.4	69.2	103.8
154	71.2	53.3	79.9





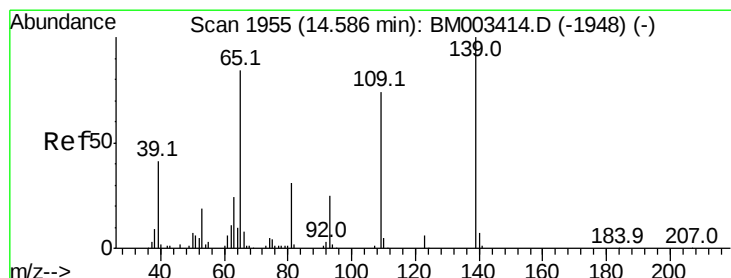
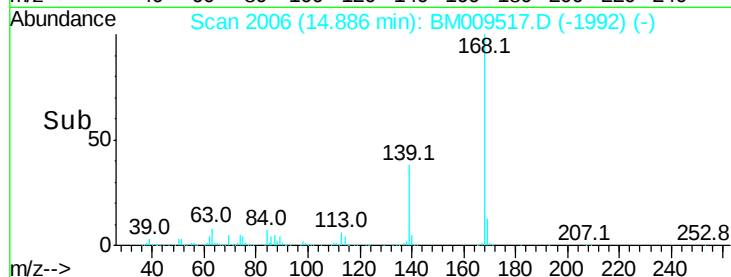
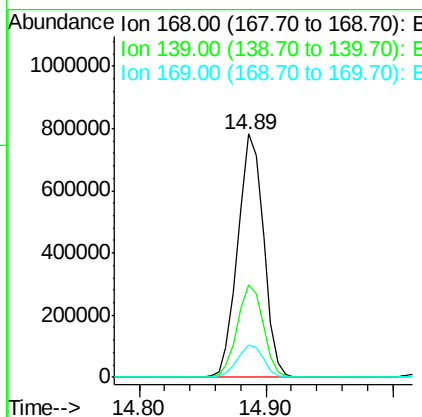
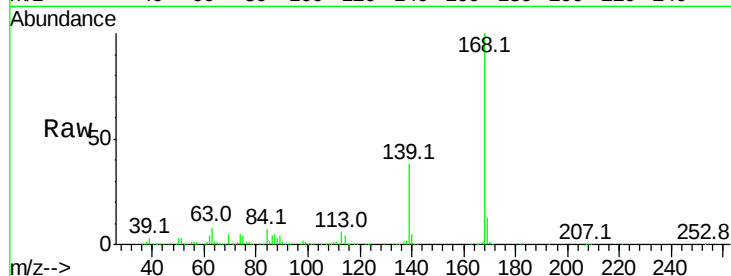
#54
Dibenzofuran
Concen: 41.10 ng
RT: 14.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	27.3	40.9
169	13.3	10.6	16.0

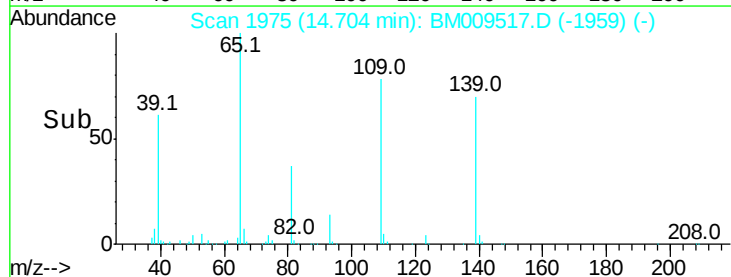
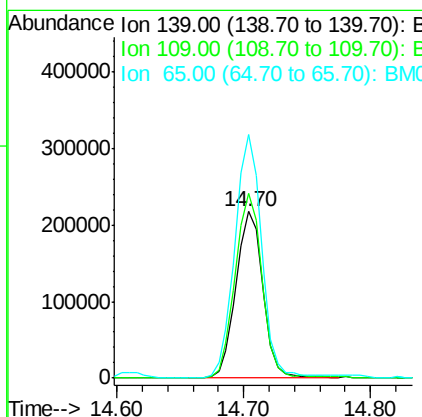
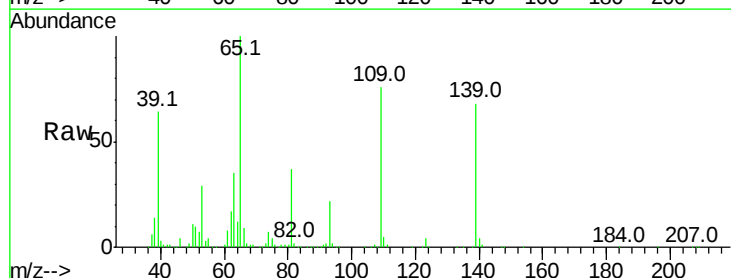
Manual Integrations
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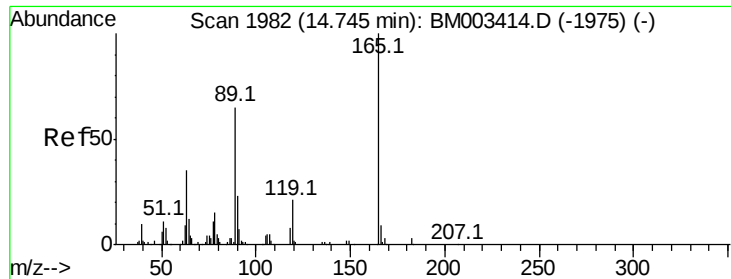
mohammad
4/4/2017 5:33:25 PM



#55
4-Nitrophenol
Concen: 83.78 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.2	37.7	77.7#
65	146.1	49.9	89.9#





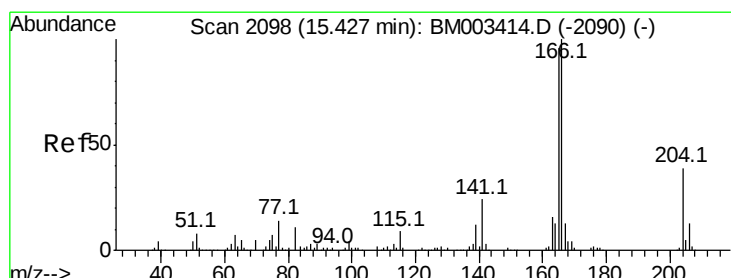
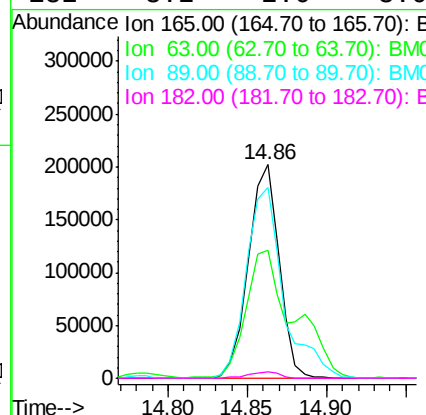
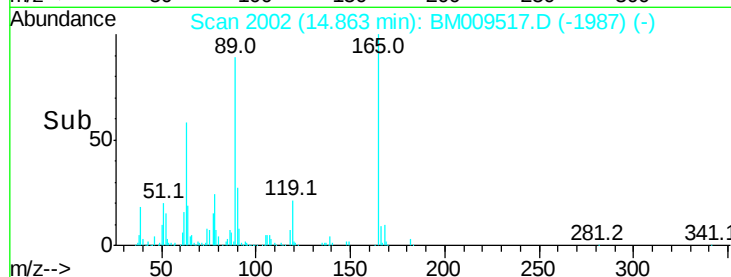
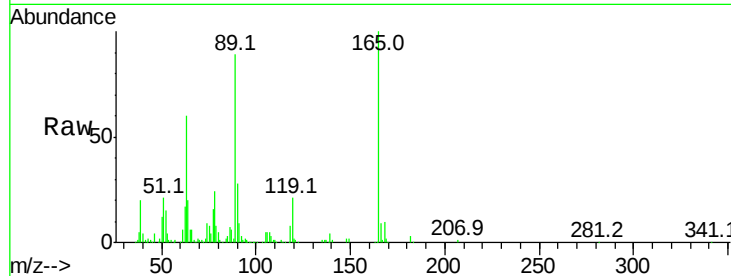
#56
2,4-Dinitrotoluene
Concen: 42.50 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	271831		
63	60.1	52.4	78.6	
89	89.2	72.4	108.6	
182	3.2	2.0	3.0	

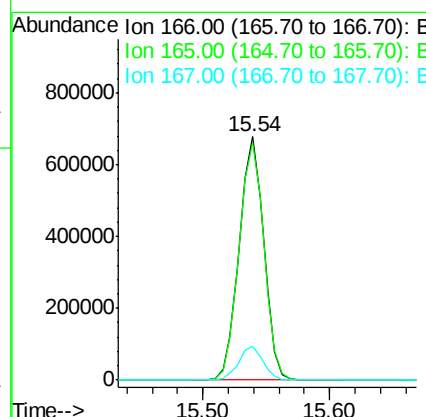
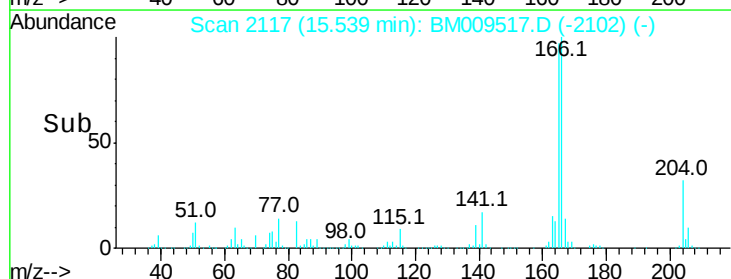
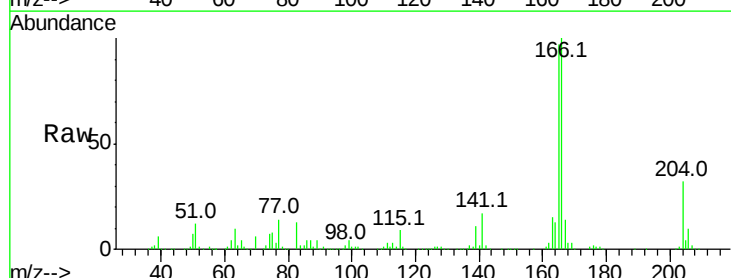
Manual Integrations
APPROVED

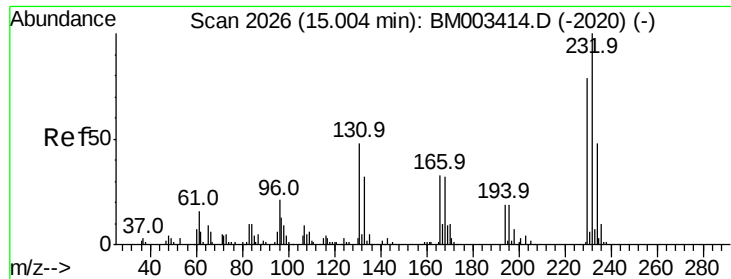
mohammad
4/4/2017 5:33:25 PM



#57
Fluorene
Concen: 37.44 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	903407		
165	97.5	79.0	118.4	
167	13.8	10.3	15.5	





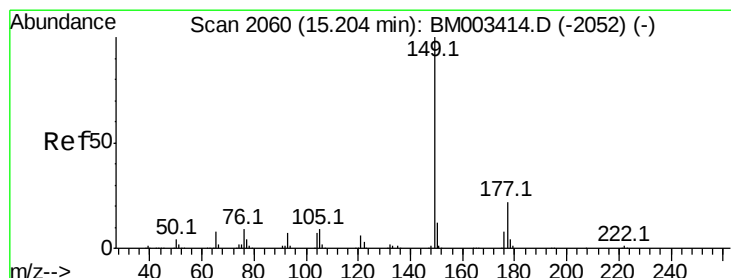
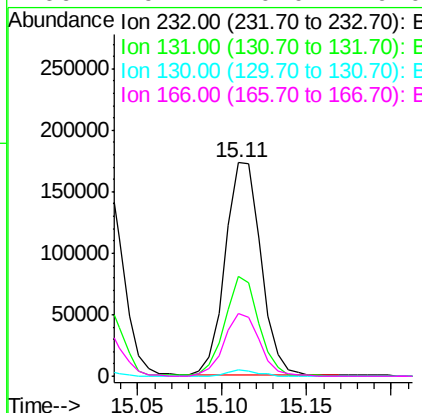
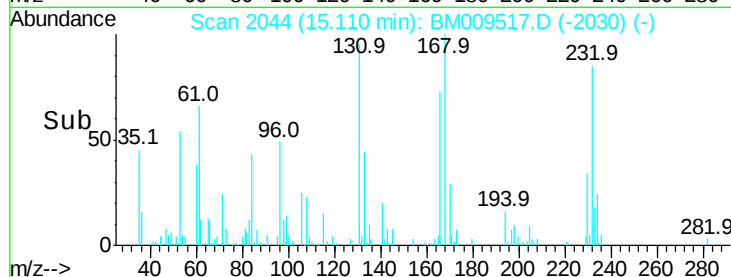
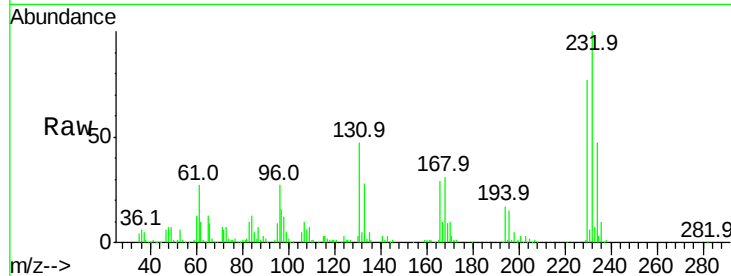
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.61 ng
 RT: 15.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion:	232	Resp:	253840
Ion Ratio	Lower	Upper	
232	100		
131	45.4	0.0	0.0#
130	2.8	0.0	0.0#
166	29.7	0.0	0.0#

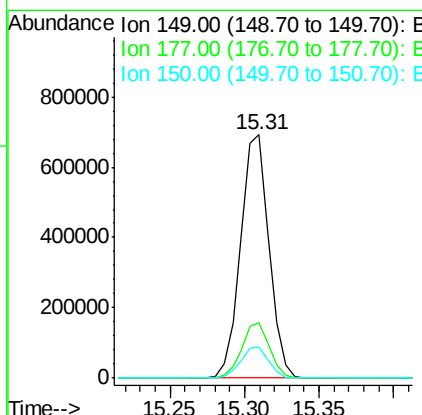
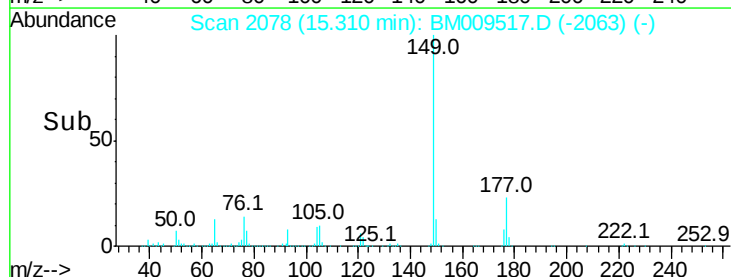
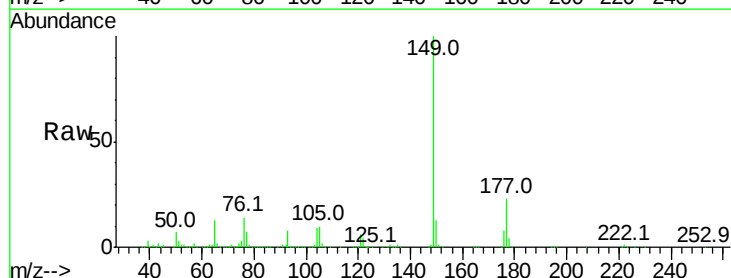
Manual Integrations
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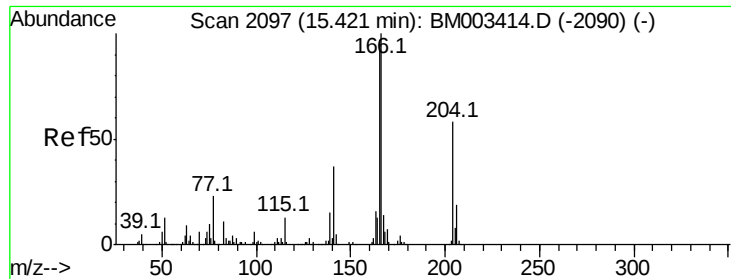
mohammad
 4/4/2017 5:33:25 PM



#59
 Diethylphthalate
 Concen: 40.88 ng
 RT: 15.31 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion:	149	Resp:	909755
Ion Ratio	Lower	Upper	
149	100		
177	22.9	18.3	27.5
150	12.8	9.8	14.8





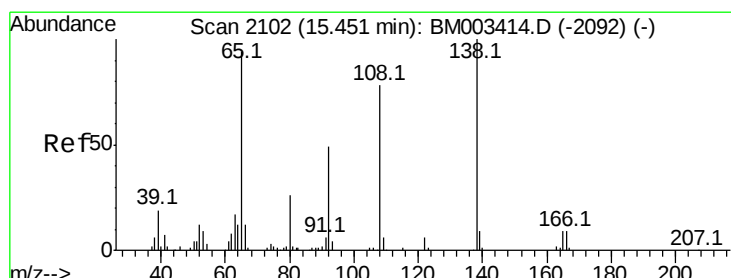
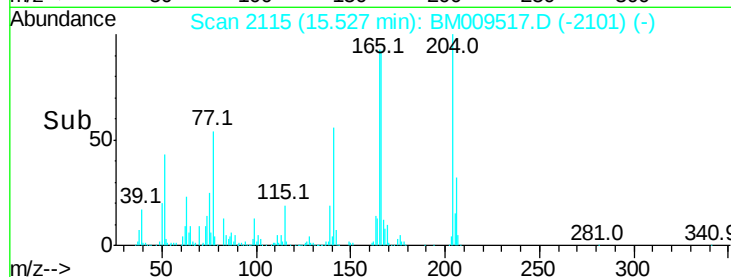
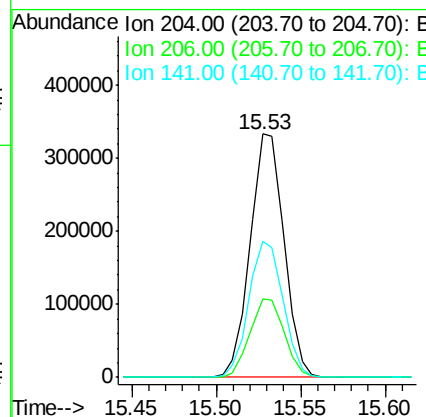
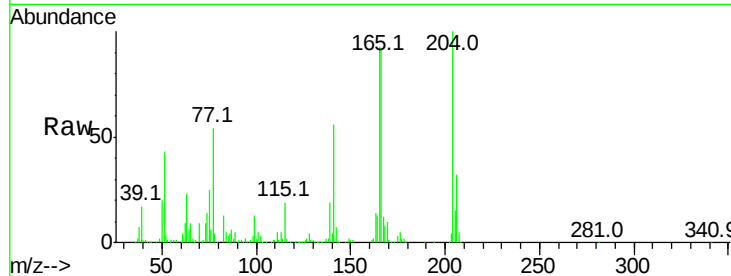
#60
4-Chlorophenyl-phenylether
Concen: 37.05 ng
RT: 15.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	55.9	45.2	67.8

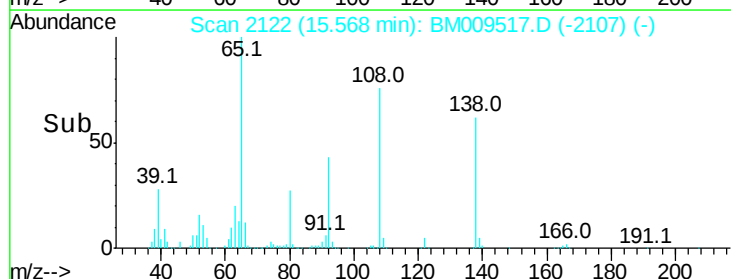
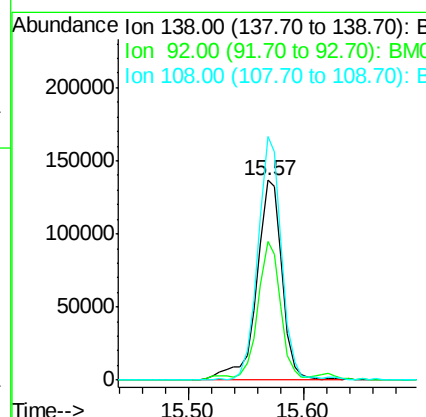
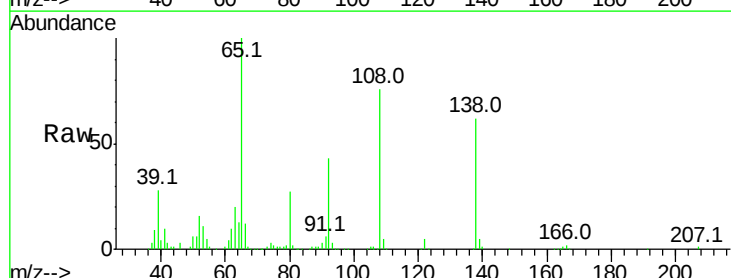
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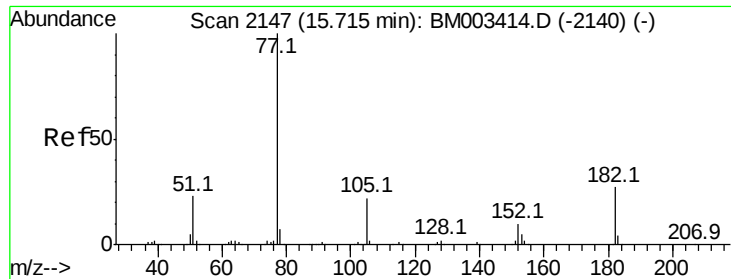
mohammad
4/4/2017 5:33:25 PM



#61
4-Nitroaniline
Concen: 41.66 ng
RT: 15.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.4	16.7	56.7#
108	122.0	37.6	77.6#





#62

Azobenzene

Concen: 45.36 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion: 77 Resp: 1178581

Ion Ratio Lower Upper

77 100

182 19.4 6.5 46.5

105 16.3 3.8 43.8

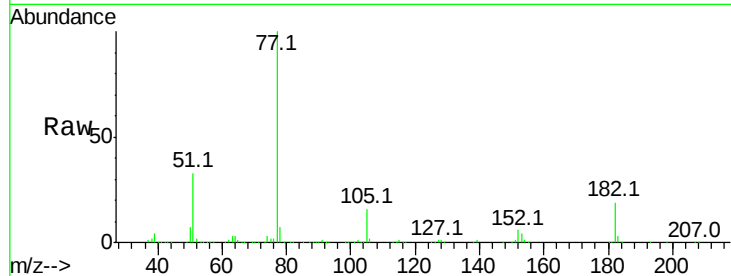
51 33.2 5.5 45.5

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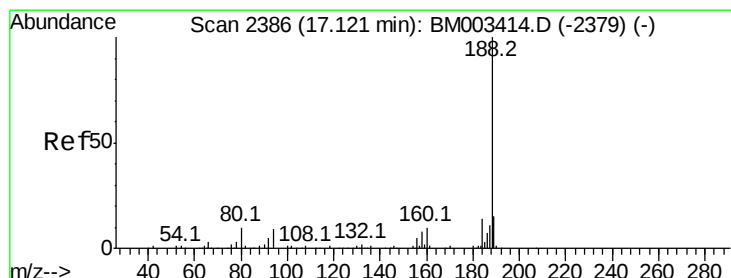
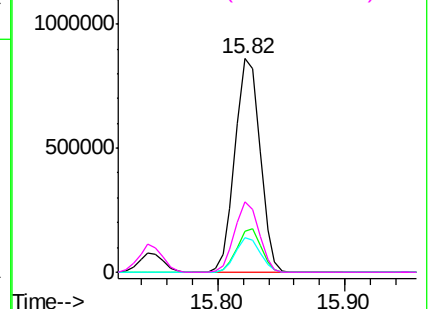
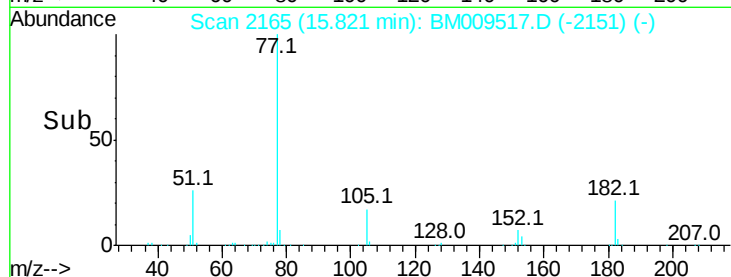


Abundance Ion 77.00 (76.70 to 77.70): BM009517.D (-2140) (-)

Ion 182.00 (181.70 to 182.70): BM009517.D (-2140) (-)

Ion 105.00 (104.70 to 105.70): BM009517.D (-2140) (-)

Ion 51.00 (50.70 to 51.70): BM009517.D (-2140) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

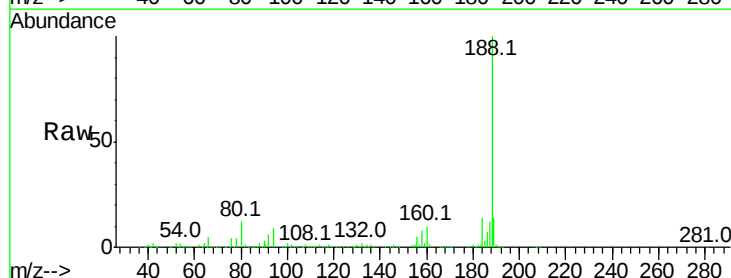
Tgt Ion: 188 Resp: 673909

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

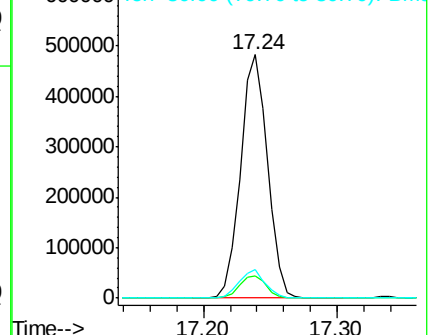
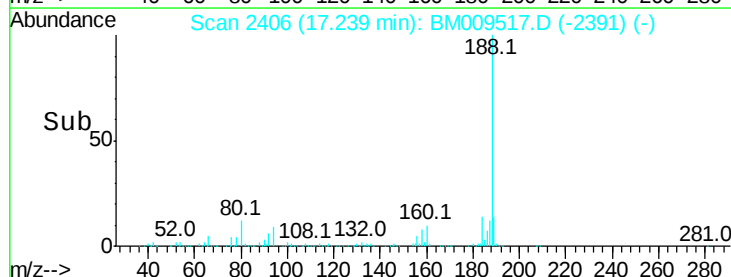
80 11.6 9.3 13.9

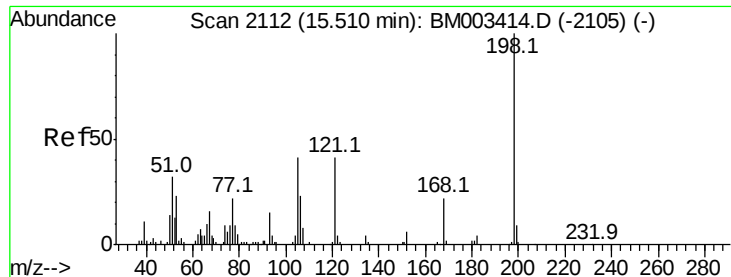


Abundance Ion 188.00 (187.70 to 188.70): BM009517.D (-2379) (-)

Ion 94.00 (93.70 to 94.70): BM009517.D (-2379) (-)

Ion 80.00 (79.70 to 80.70): BM009517.D (-2379) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 38.34 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:198 Resp: 162762

Ion Ratio Lower Upper

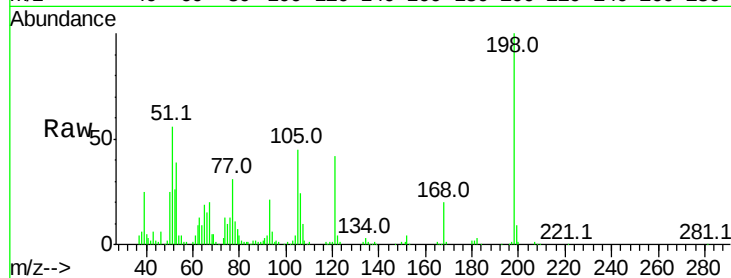
198 100

51 56.0 28.8 68.8

105 45.4 30.5 70.5

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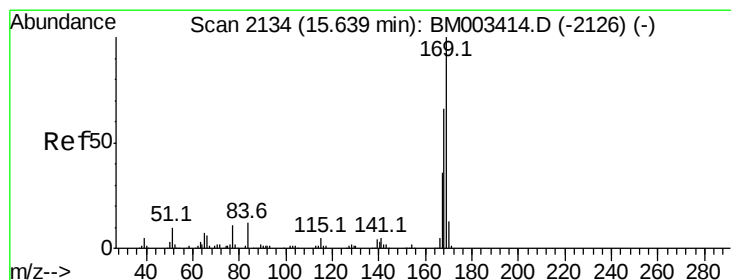
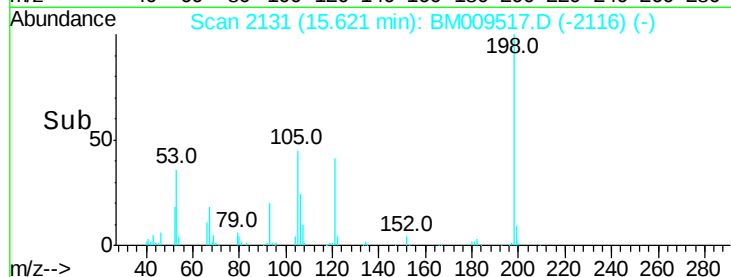
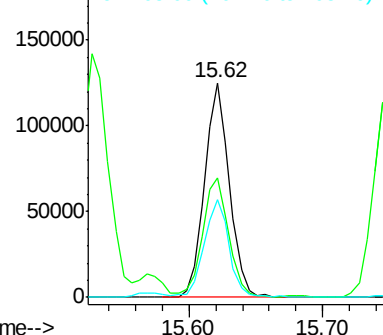
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM009517.D (-2105) (-)

Ion 105.00 (104.70 to 105.70): BM009517.D (-2105) (-)



#65

n-Nitrosodiphenylamine

Concen: 34.55 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

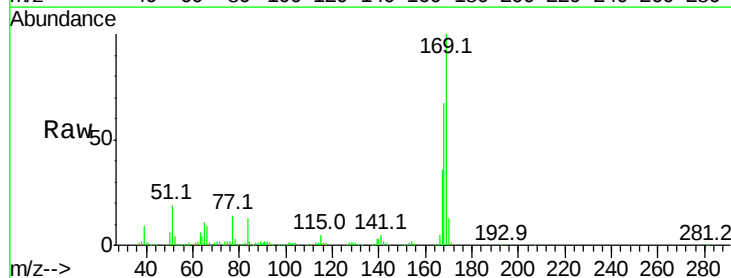
Tgt Ion:169 Resp: 707183

Ion Ratio Lower Upper

169 100

168 67.1 53.9 80.9

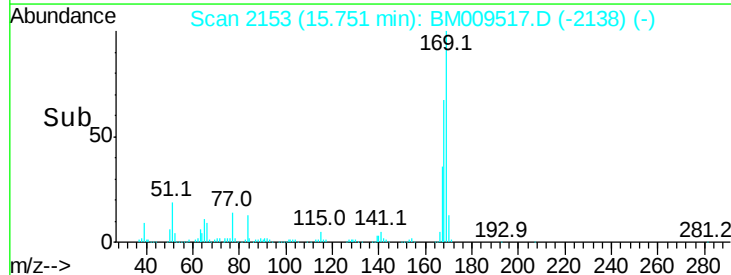
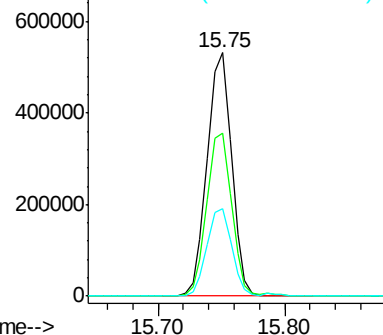
167 36.1 28.9 43.3

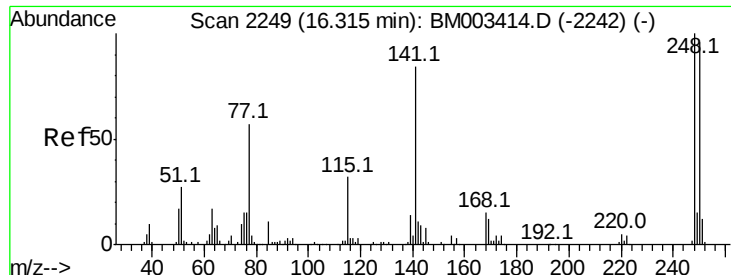


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BM009517.D (-2126) (-)

Ion 167.00 (166.70 to 167.70): BM009517.D (-2126) (-)





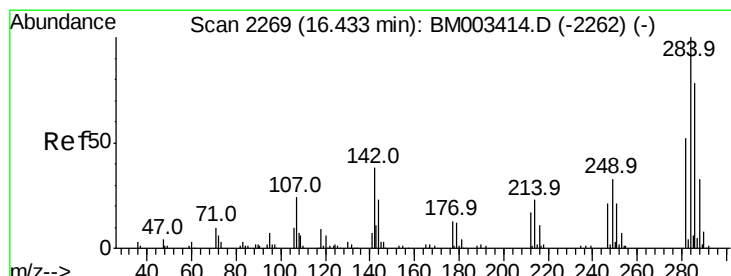
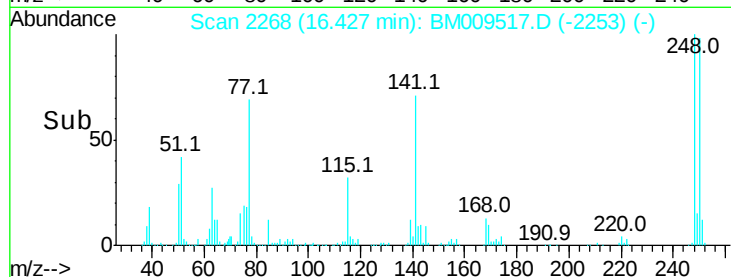
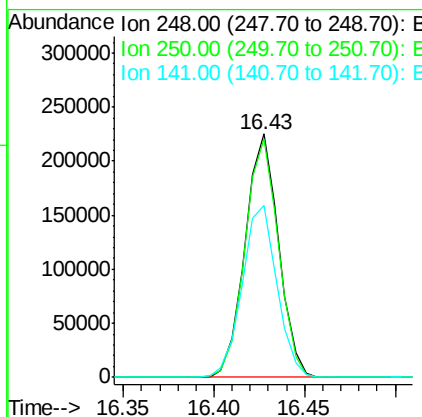
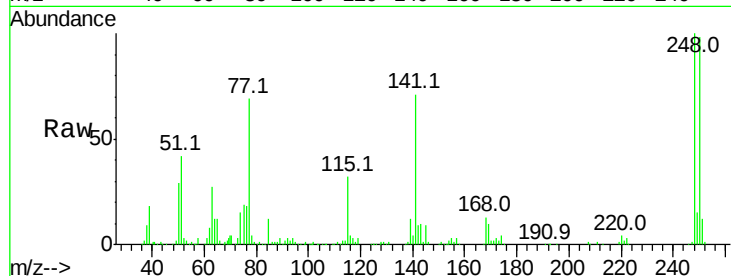
#66
 4-Bromophenyl-phenylether
 Concen: 37.11 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.4	116.0
141	70.8	45.2	67.8

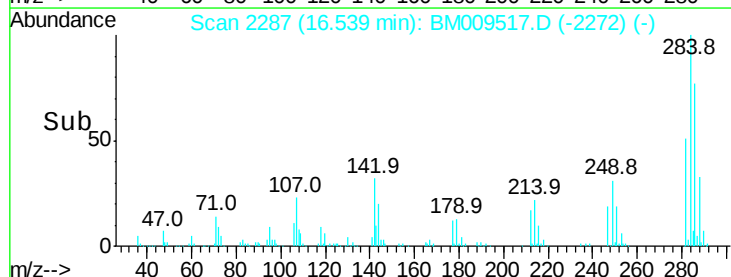
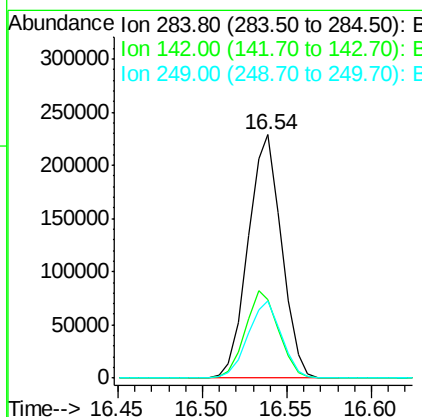
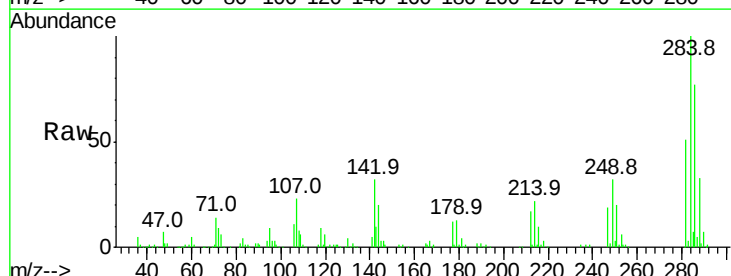
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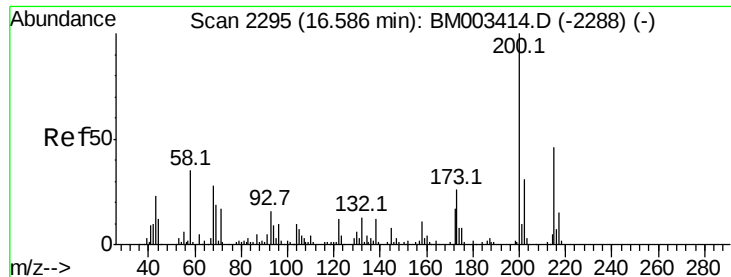
mohammad
 4/4/2017 5:33:25 PM



#67
 Hexachlorobenzene
 Concen: 36.82 ng
 RT: 16.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	20.4	30.6
249	31.6	23.8	35.6





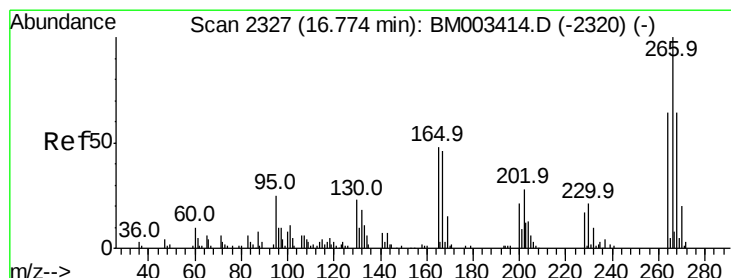
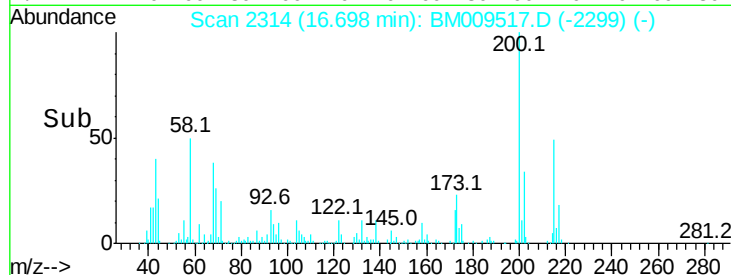
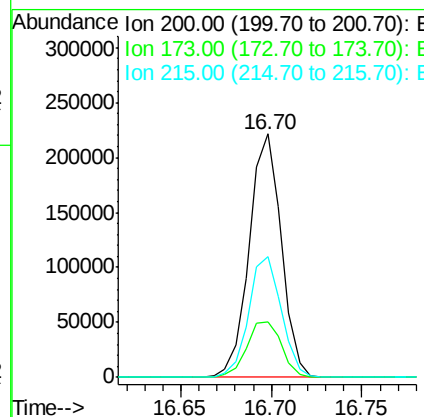
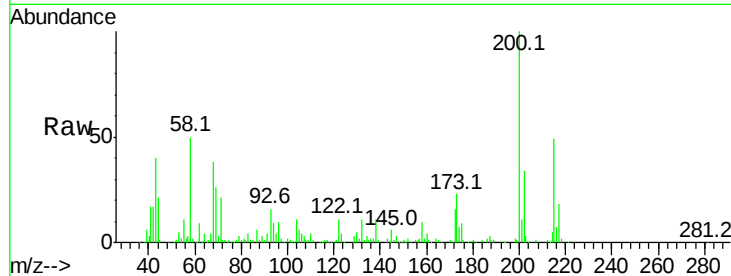
#68
Atrazine
Concen: 35.25 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	271375		
173	22.9	4.8	44.8	
215	49.4	26.9	66.9	

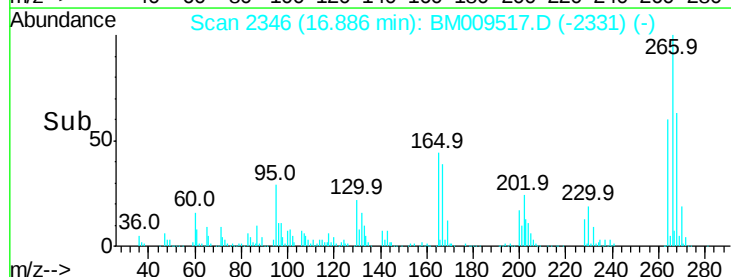
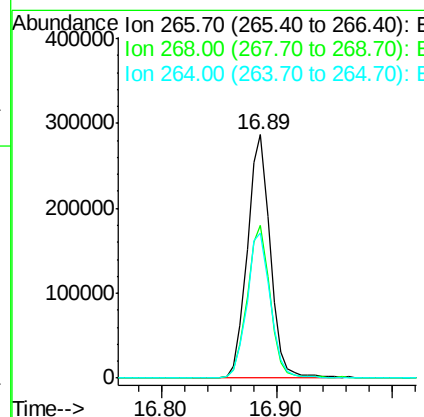
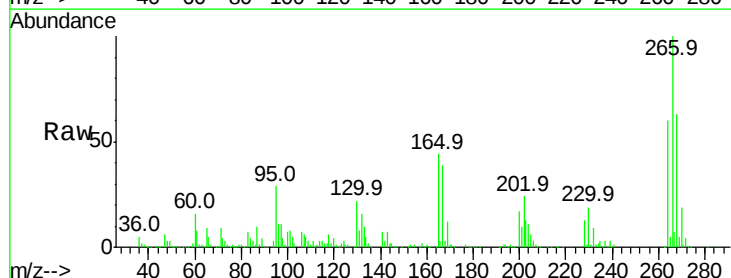
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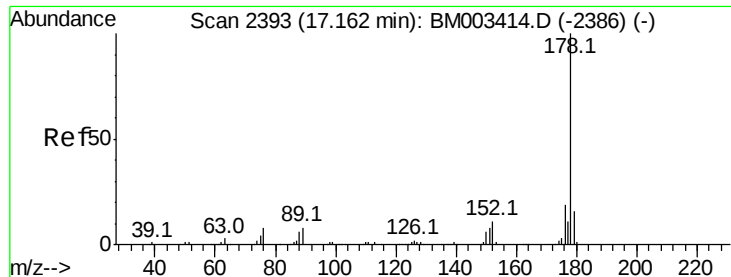
mohammad
4/4/2017 5:33:25 PM



#69
Pentachlorophenol
Concen: 75.18 ng
RT: 16.89 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	393044		
268	63.0	52.0	78.0	
264	59.6	49.0	73.4	





#70

Phenanthrene

Concen: 37.46 ng

RT: 17.28 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:178 Resp: 1443738

Ion Ratio Lower Upper

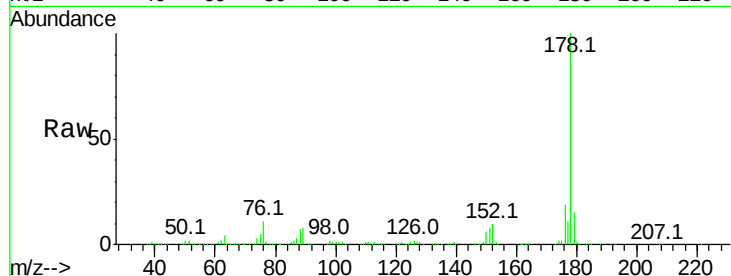
178 100

176 18.9 15.2 22.8

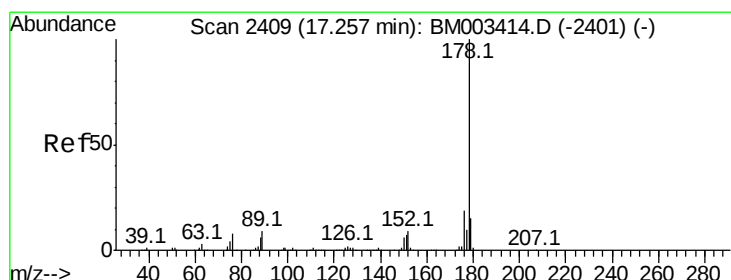
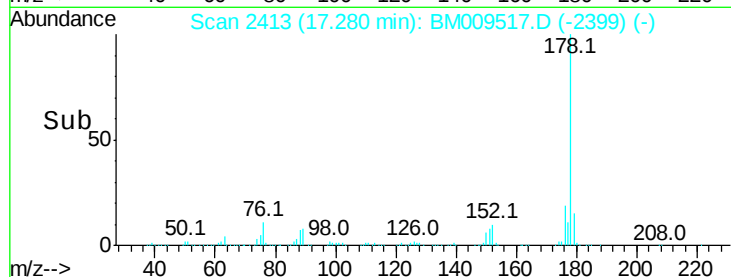
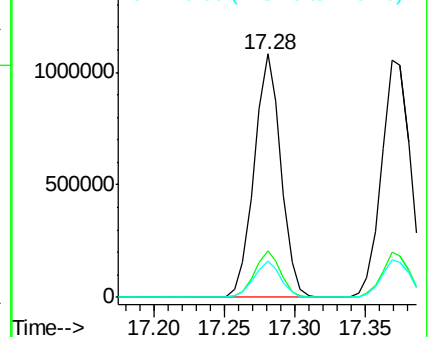
179 14.7 12.1 18.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.18 ng

RT: 17.37 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:178 Resp: 1489555

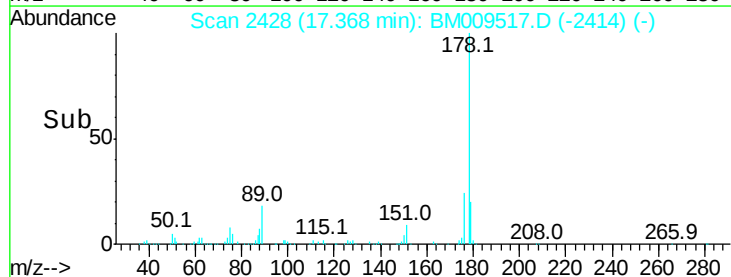
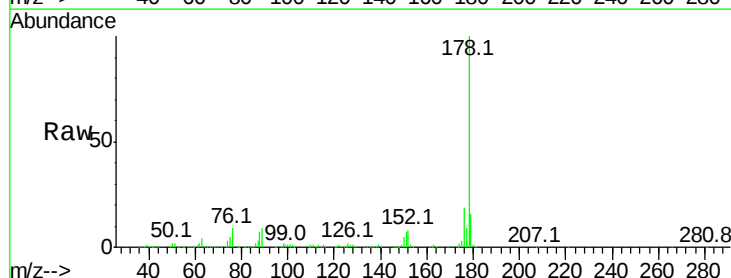
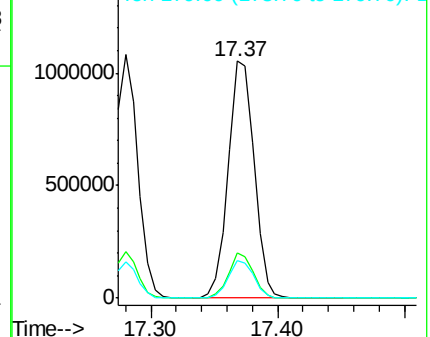
Ion Ratio Lower Upper

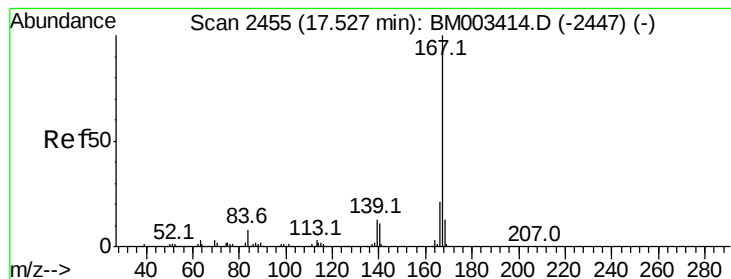
178 100

176 19.3 14.6 22.0

179 15.7 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.16 ng

RT: 17.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:167 Resp: 1388365

Ion Ratio Lower Upper

167 100

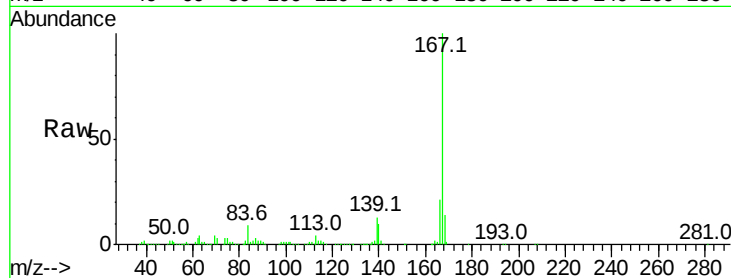
166 21.5 17.2 25.8

139 12.7 10.8 16.2

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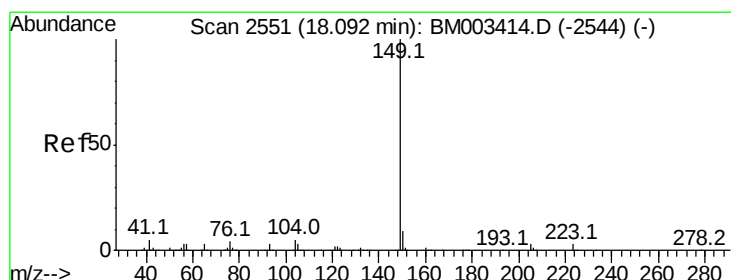
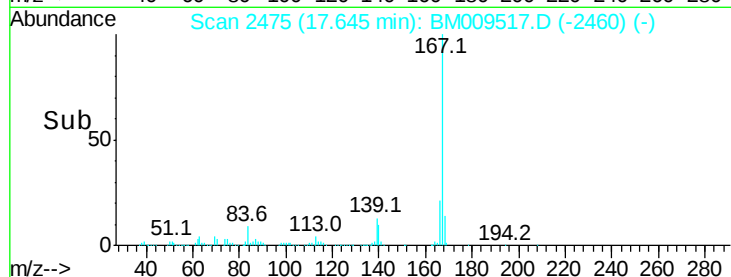
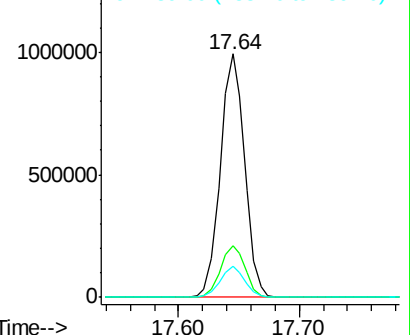
4/4/2017 5:33:25 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.77 ng

RT: 18.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

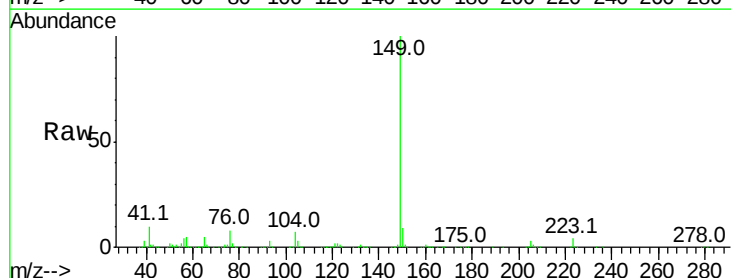
Tgt Ion:149 Resp: 1556179

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

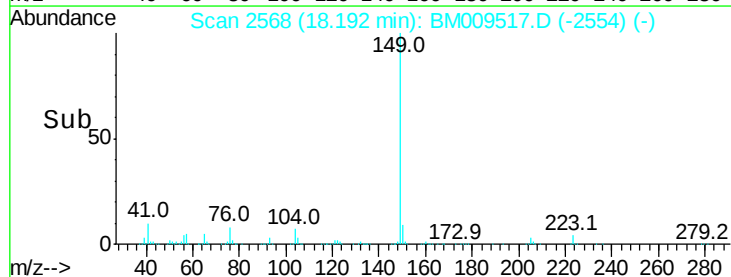
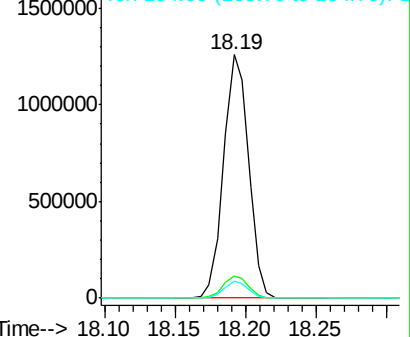
104 6.8 3.7 5.5#

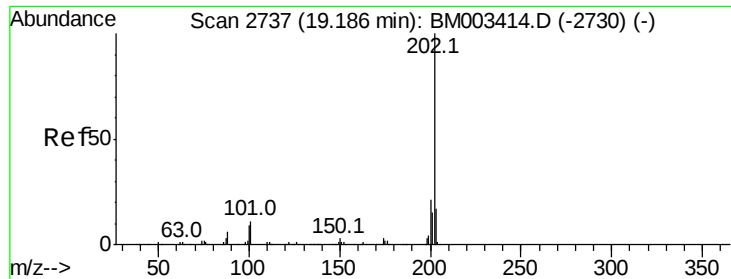


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.80 ng

RT: 19.29 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:202 Resp: 1770972

Ion Ratio Lower Upper

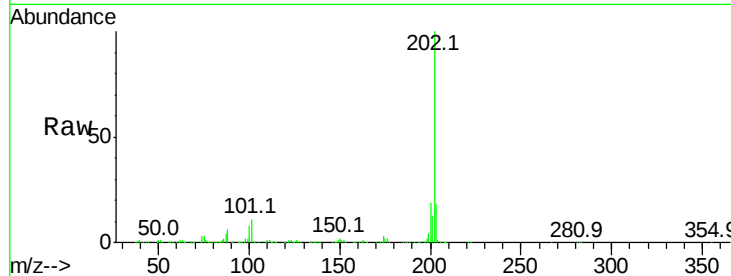
202 100

101 10.7 0.0 28.7

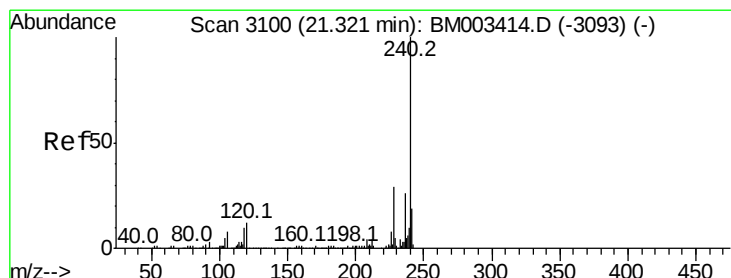
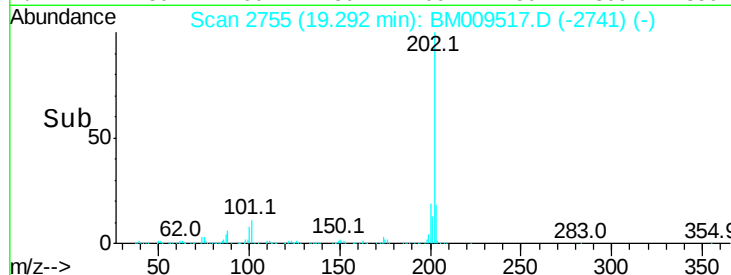
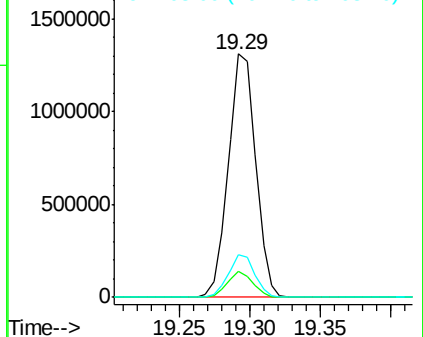
203 17.6 0.0 37.2

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4/4/2017 5:33:25 PM



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

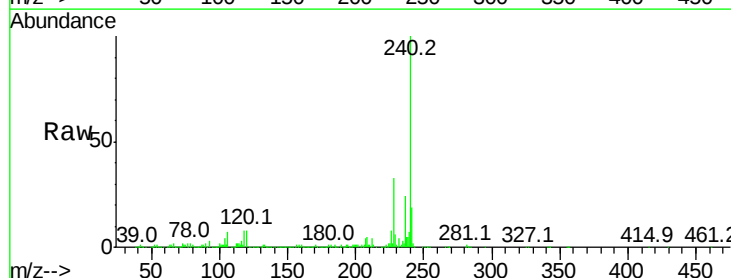
Tgt Ion:240 Resp: 894335

Ion Ratio Lower Upper

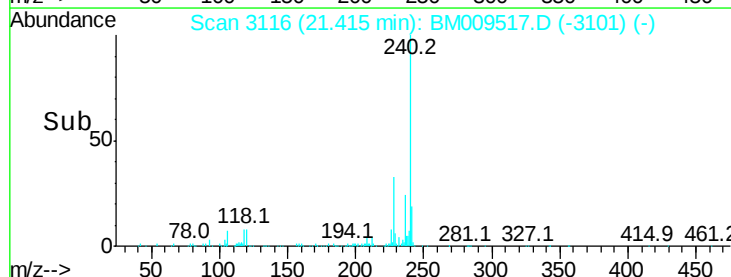
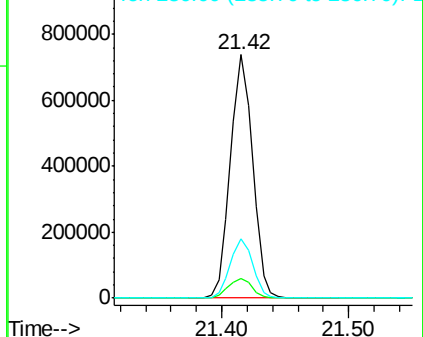
240 100

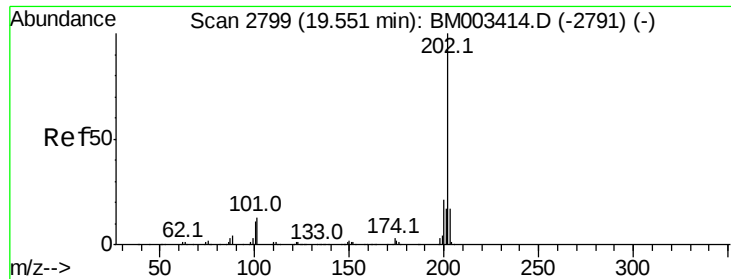
120 8.2 8.2 12.2#

236 24.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





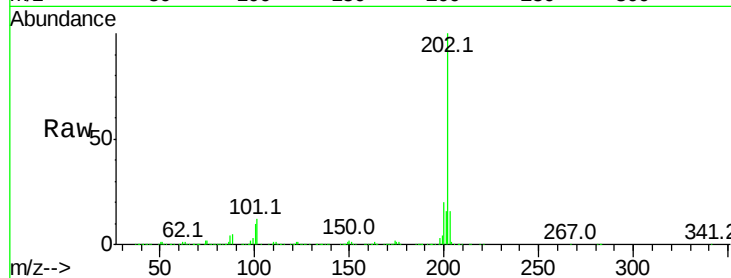
#77
Pvrene
Concen: 36.32 ng
RT: 19.66 min Scan# 2817
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.9	25.3
203	16.4	14.1	21.1

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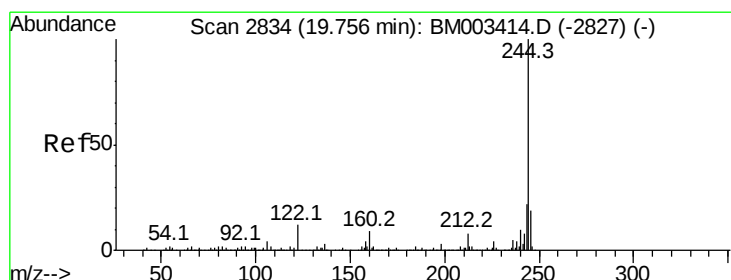
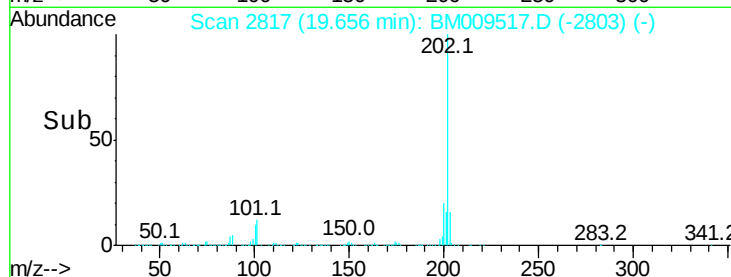
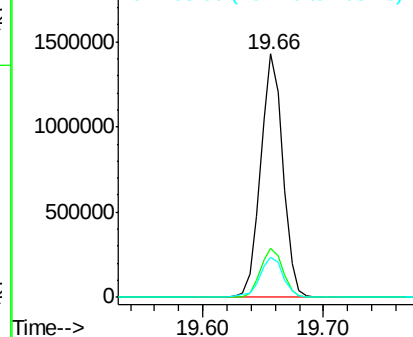


Abundance

Ion 202.00 (201.70 to 202.70): E

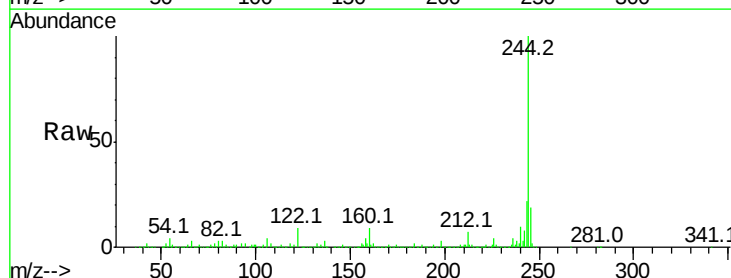
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 58.21 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	8.6	6.2	9.4

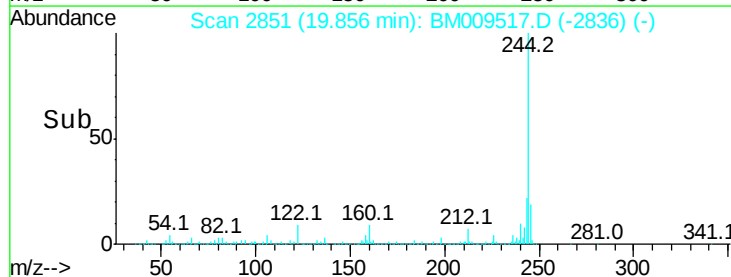
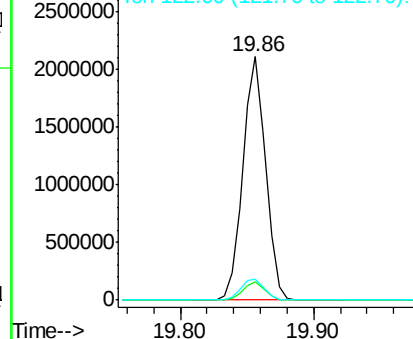


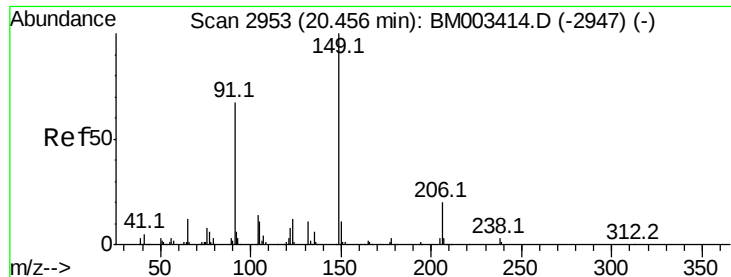
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





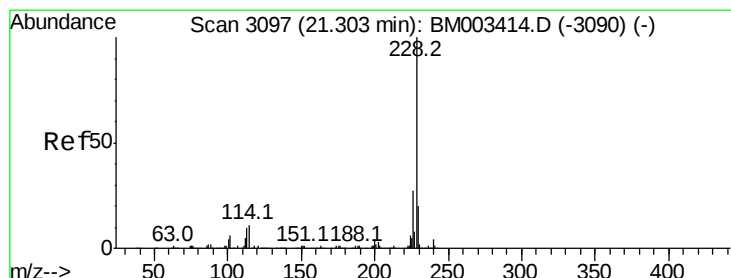
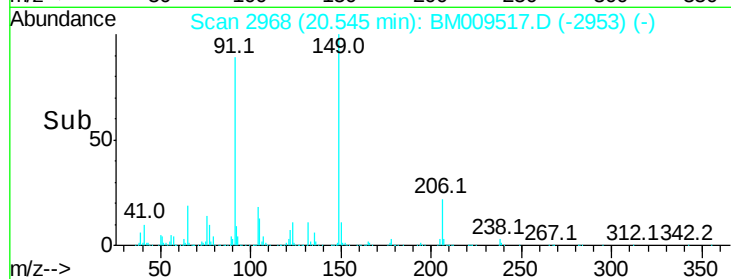
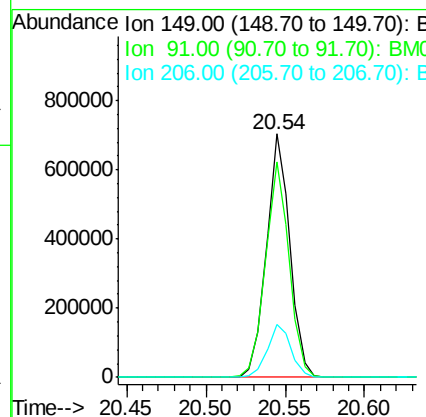
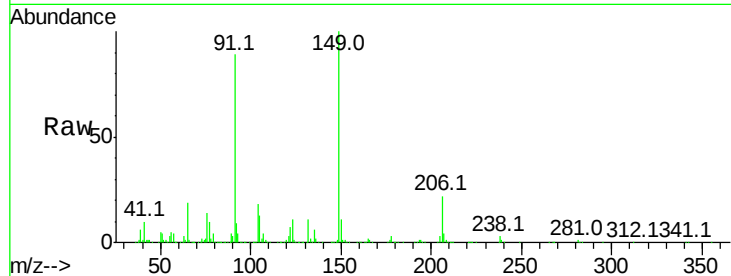
#79
Butylbenzylphthalate
Concen: 40.05 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	88.7	50.1	75.1#
206	21.6	16.2	24.2

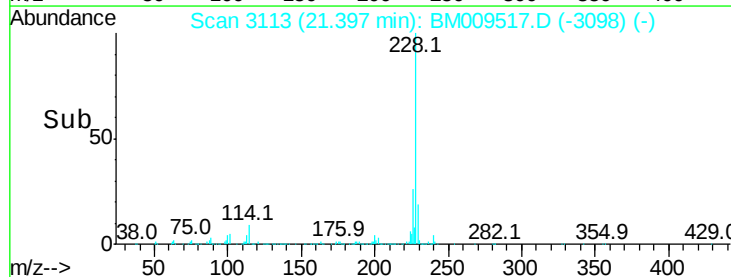
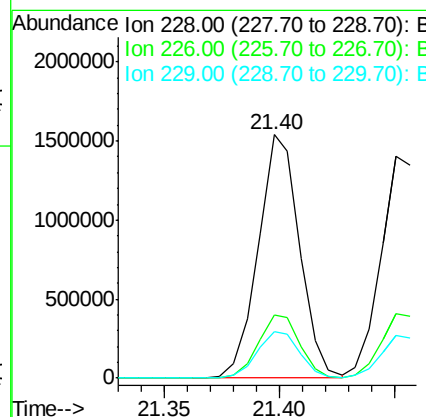
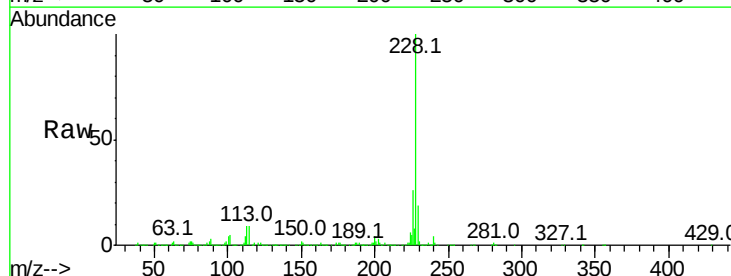
Manual Integrations
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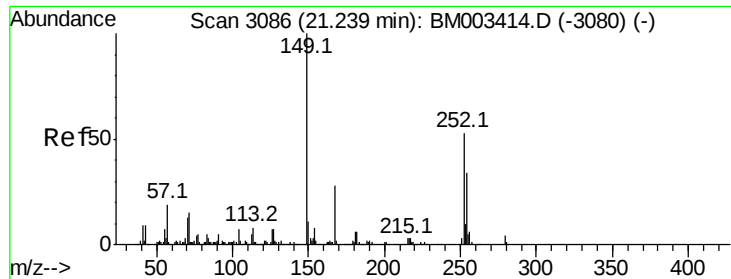
mohammad
4/4/2017 5:33:25 PM



#80
Benzo(a)anthracene
Concen: 36.81 ng
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.7	32.5
229	19.2	16.0	24.0





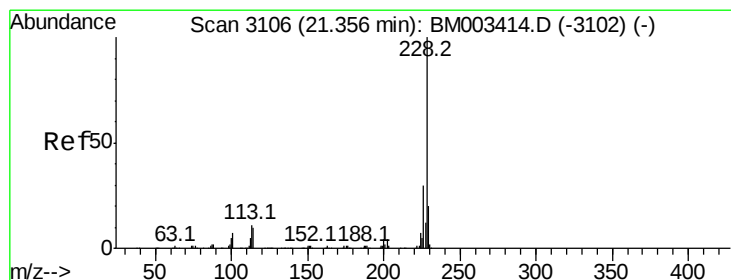
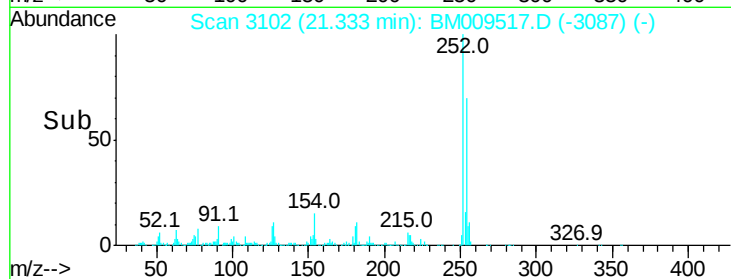
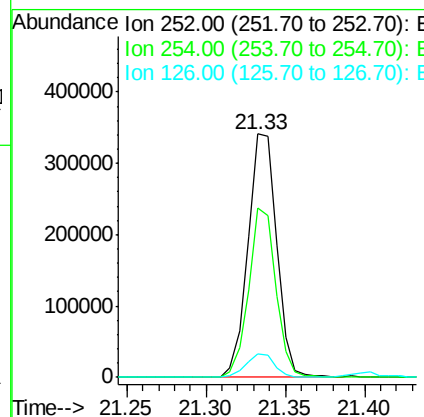
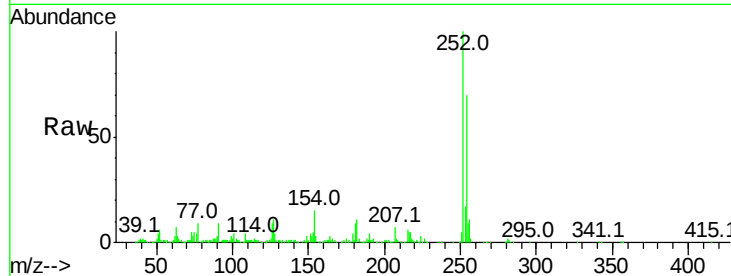
#81
 3,3'-Dichlorobenzidine
 Concen: 21.97 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.8	51.9	77.9
126	9.5	9.8	14.8

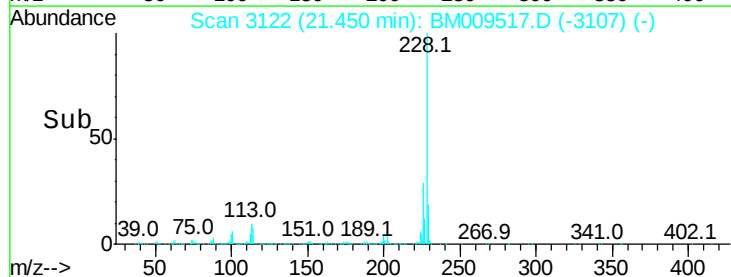
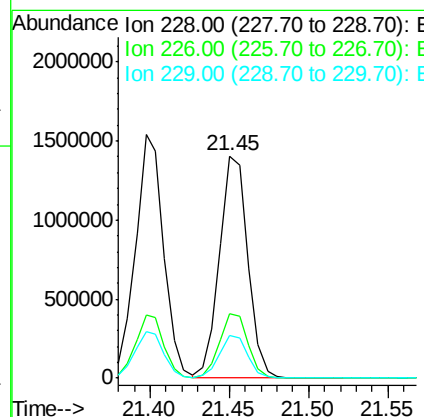
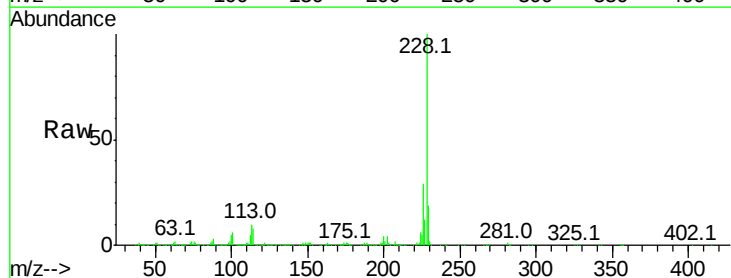
Manual Integrations
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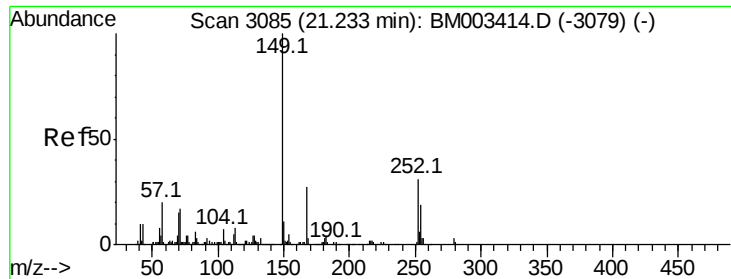
mohammad
 4/4/2017 5:33:25 PM



#82
 Chrysene
 Concen: 34.96 ng
 RT: 21.45 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.1	36.1
229	19.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.90 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:149 Resp: 1114758

Ion Ratio Lower Upper

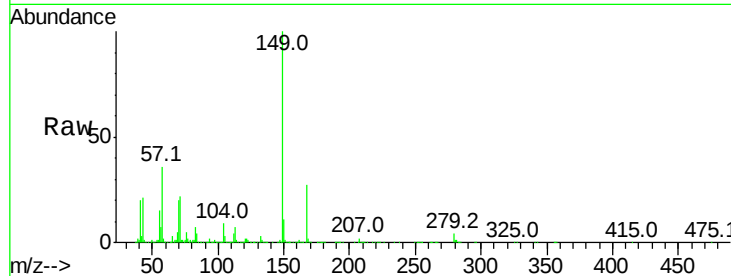
149 100

167 27.2 22.4 33.6

279 3.8 3.4 5.0

Manual Integrations
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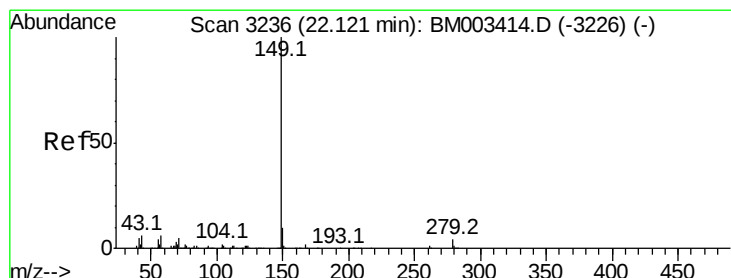
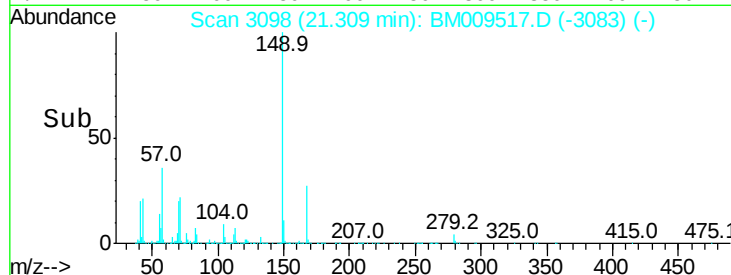
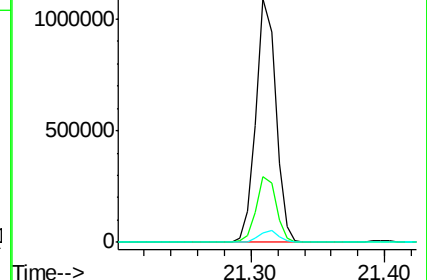
mohammad
4/4/2017 5:33:25 PM



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: 41.76 ng

RT: 22.21 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

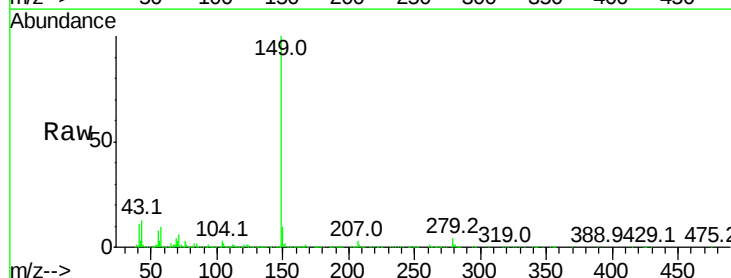
Tgt Ion:149 Resp: 1894033

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

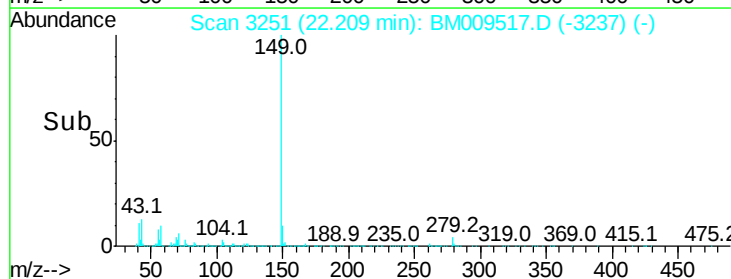
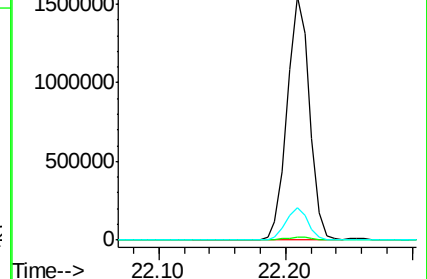
43 13.1 7.3 10.9#

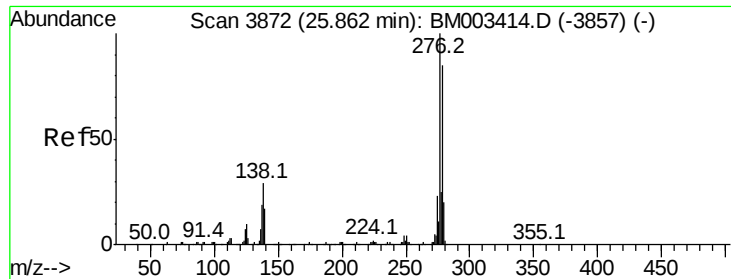


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





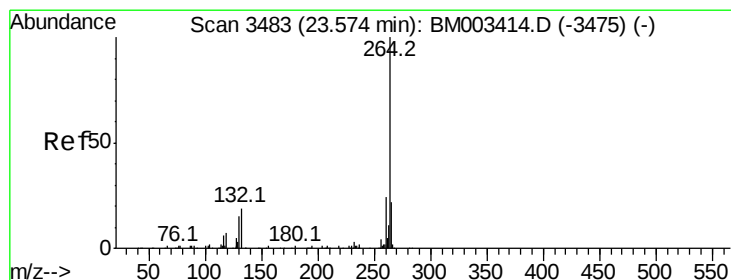
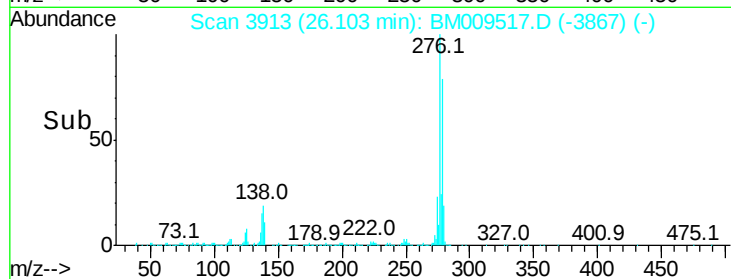
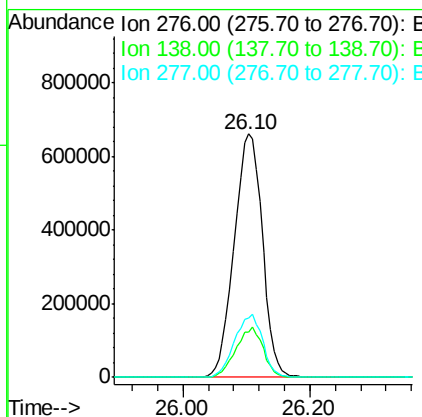
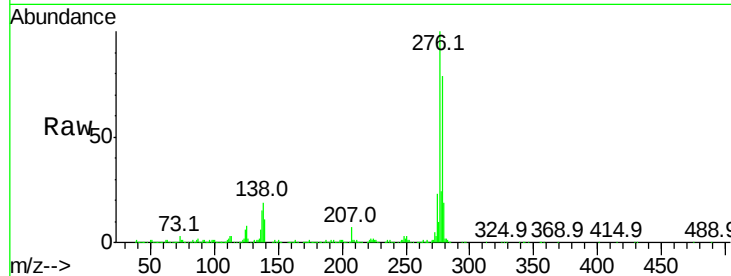
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.40 ng
RT: 26.10 min Scan# 3913
Delta R.T. -0.03 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	0.0	0.0#
277	25.4	0.0	0.0#

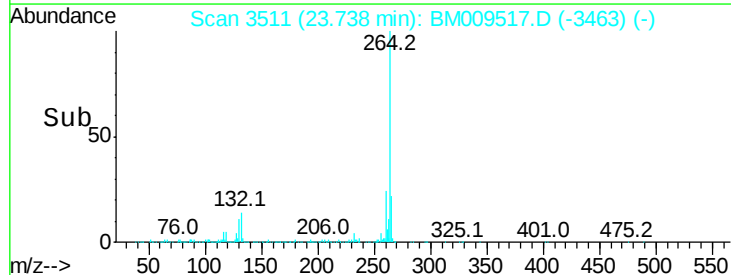
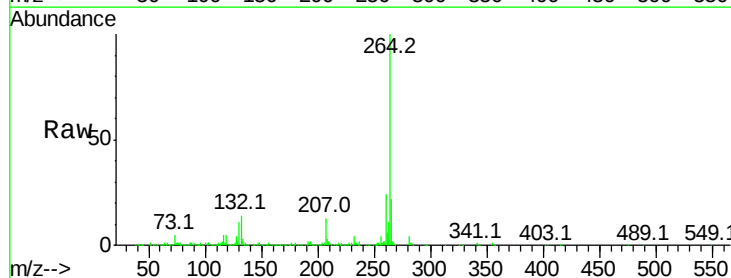
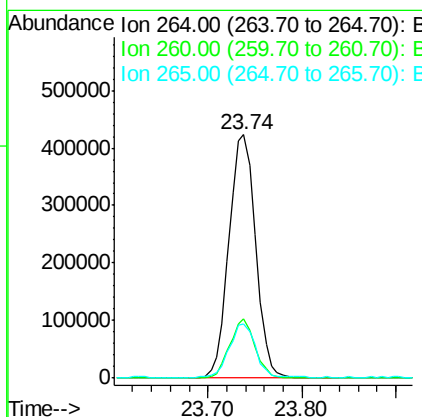
Manual Integrations
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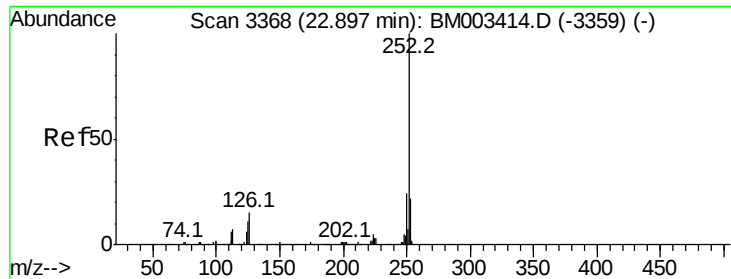
mohammad
4/4/2017 5:33:25 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.02 ng

RT: 23.03 min Scan# 3391

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

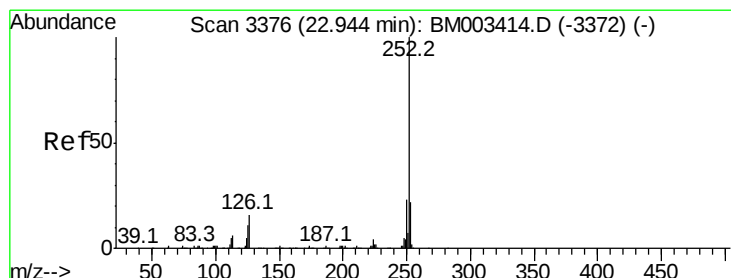
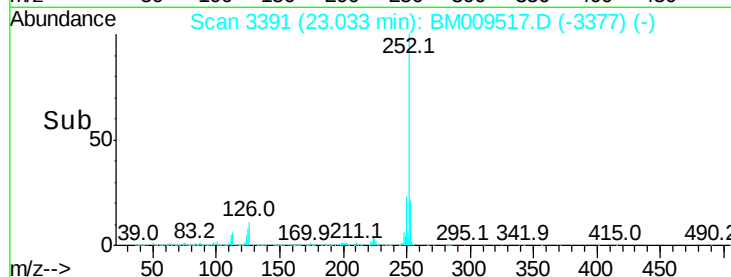
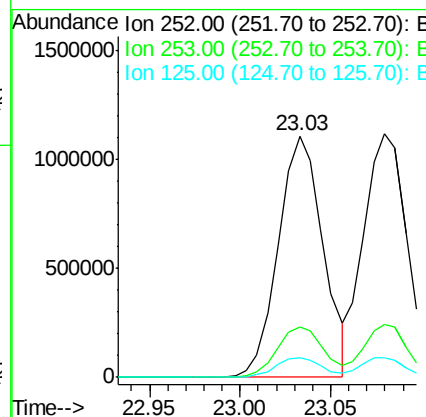
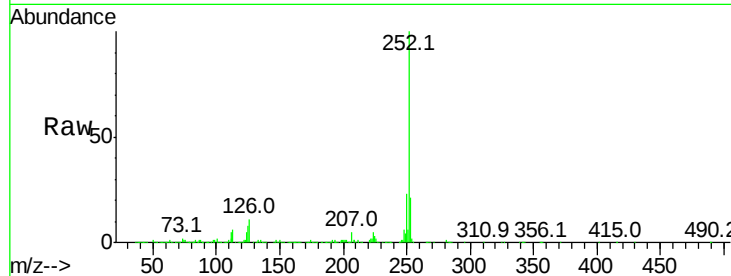
ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	7.9	9.9	14.9

Manual Integrations
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4/4/2017 5:33:25 PM



#88

Benzo(k)fluoranthene

Concen: 36.31 ng

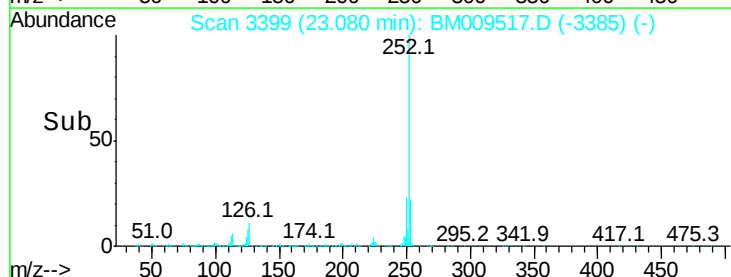
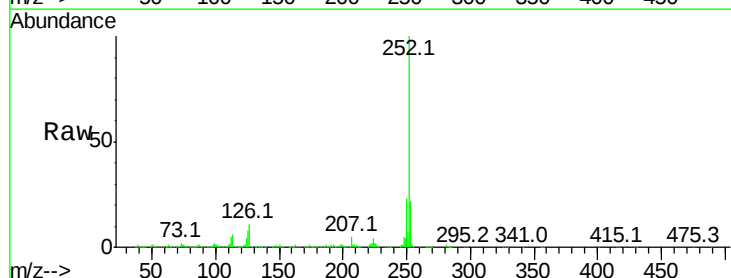
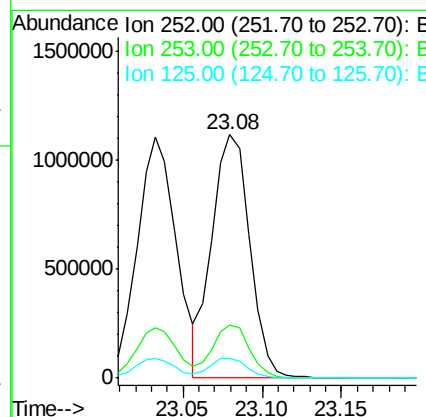
RT: 23.08 min Scan# 3399

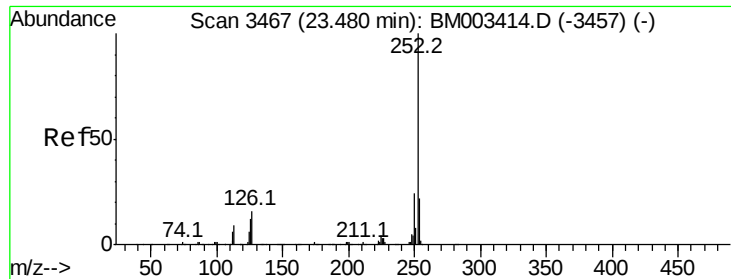
Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.3	8.1	12.1





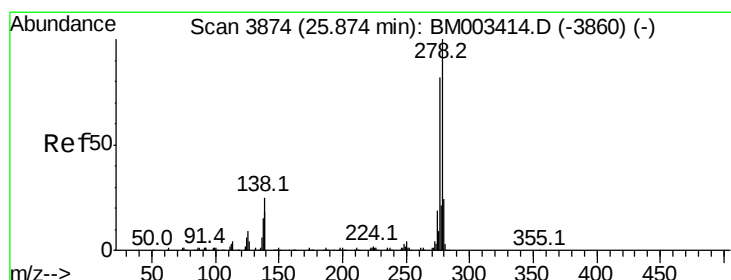
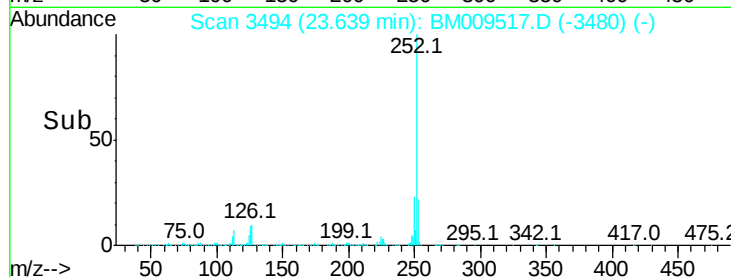
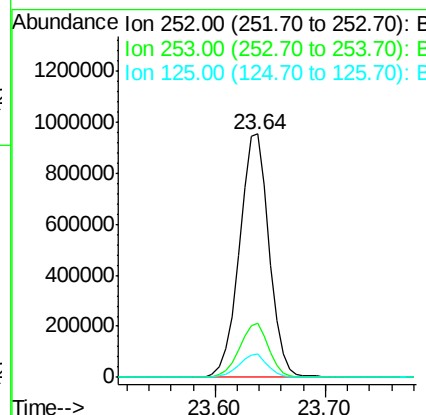
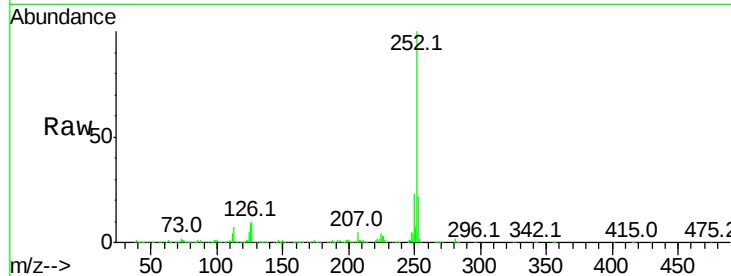
#89
Benzo(a)pyrene
Concen: 36.69 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.5	7.4	11.2

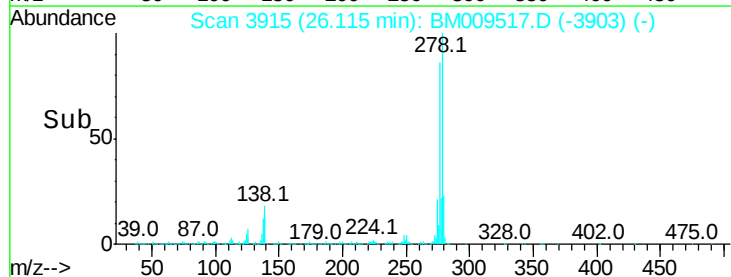
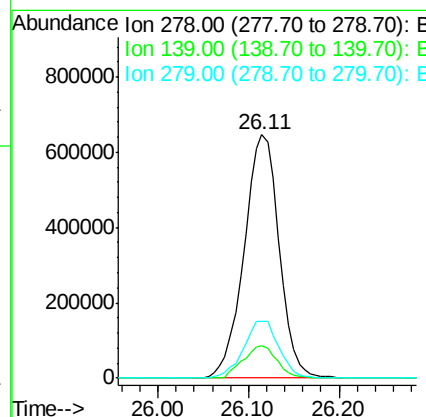
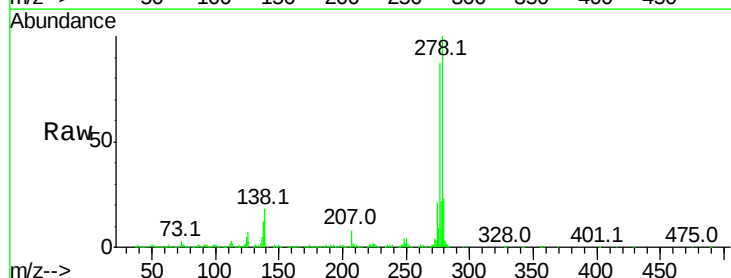
Manual Integrations
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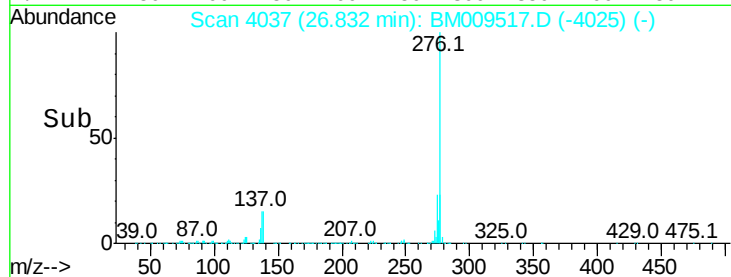
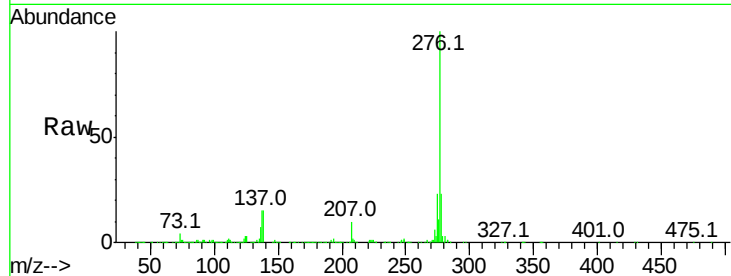
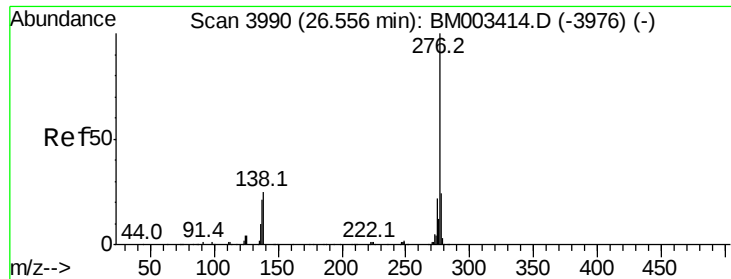
mohammad
4/4/2017 5:33:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.00 ng
RT: 26.11 min Scan# 3915
Delta R.T. -0.03 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	13.4	20.0#
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 35.32 ng

RT: 26.83 min Scan# 4037

Delta R.T. -0.03 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:276 Resp: 1654795

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 15.4 19.0 28.6#

Manual Integrations
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