

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011414.D
 Acq On : 02 Sep 2017 14:17
 Operator : SJ/JU
 Sample : I5073-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Manual Integrations
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mohammad
 9/5/2017 4:58:37 PM

Quant Time: Sep 04 04:11:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	358235	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1609946	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	934214	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2190338	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2816797	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2909335	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	3115850	146.41	ng	0.00
7) Phenol-d6	7.14	99	3917475	132.75	ng	0.00
23) Nitrobenzene-d5	9.15	82	2350868	96.23	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1570366	145.29	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5949320	91.80	ng	-0.01
78) Terphenyl-d14	19.96	244	8808896	77.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	304386	34.316	ng	# 100
3) Pyridine	3.85	79	832437	30.646	ng	# 81
4) n-Nitrosodimethylamine	3.75	42	571038	41.171	ng	# 67
6) Aniline	7.31	93	563427	14.058	ng	94
8) 2-Chlorophenol	7.55	128	1094256	43.614	ng	92
9) Benzaldehyde	7.12	77	316339	18.441	ng	97
10) Phenol	7.16	94	1336371	41.192	ng	# 76
11) bis(2-Chloroethyl)ether	7.40	93	1071742	41.333	ng	84
12) 1,3-Dichlorobenzene	7.87	146	1076778	37.689	ng	98
13) 1,4-Dichlorobenzene	8.02	146	1108383	38.148	ng	98
14) 1,2-Dichlorobenzene	8.34	146	1084073	38.549	ng	97
15) Benzyl Alcohol	8.22	79	956485	44.830	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	1813889	41.832	ng	92
17) 2-Methylphenol	8.42	107	924336	44.497	ng	96
18) Hexachloroethane	9.07	117	378498	38.054	ng	92
19) n-Nitroso-di-n-propylamine	8.79	70	853026	39.368	ng	# 85
20) 3+4-Methylphenols	8.75	107	1252355	43.451	ng	97
22) Acetophenone	8.81	105	1632283	40.802	ng	# 91
24) Nitrobenzene	9.19	77	1202872	44.683	ng	94
25) Isophorone	9.72	82	2306822	42.141	ng	94
26) 2-Nitrophenol	9.90	139	461370	40.539	ng	# 83
27) 2,4-Dimethylphenol	9.96	122	1071890	41.994	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	1529874	40.955	ng	99
29) 2,4-Dichlorophenol	10.43	162	1054769	44.168	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	1025242	38.783	ng	98
31) Naphthalene	10.85	128	3533582	40.652	ng	99
32) Benzoic acid	10.06	122	515600	32.246	ng	99
33) 4-Chloroaniline	10.96	127	248418	6.533	ng	# 92
34) Hexachlorobutadiene	11.13	225	559007	37.112	ng	96
35) Caprolactam	11.73	113	287439m	33.422	ng	
36) 4-Chloro-3-methylphenol	12.06	107	1132918	40.392	ng	93
37) 2-Methylnaphthalene	12.45	142	2598493	42.950	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1114714	39.650	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1126139	87.380	ng	100

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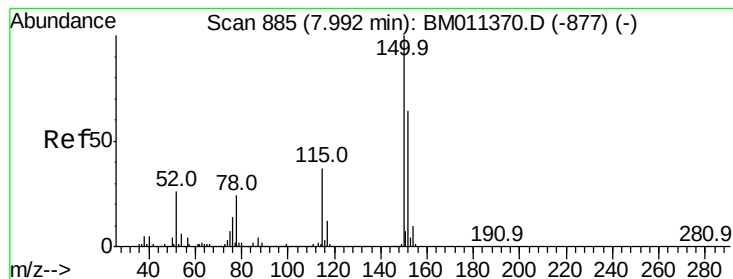
Manual Integrations
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Quant Time: Sep 04 04:11:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	771311	41.446	nq	99
43) 2,4,5-Trichlorophenol	13.12	196	842361	44.569	nq	# 91
45) 1,1'-Biphenyl	13.45	154	3268643	39.411	nq	96
46) 2-Chloronaphthalene	13.50	162	2460951	39.944	nq	95
47) 2-Nitroaniline	13.69	65	821237	42.689	nq	# 78
48) Acenaphthylene	14.34	152	4027009	41.950	nq	100
49) Dimethylphthalate	14.07	163	3160277	42.573	nq	100
50) 2,6-Dinitrotoluene	14.19	165	633042	45.038	nq	# 89
51) Acenaphthene	14.68	154	2580586	41.398	nq	99
52) 3-Nitroaniline	14.52	138	621099	34.020	nq	83
53) 2,4-Dinitrophenol	14.72	184	515449	81.363	nq	94
54) Dibenzofuran	15.02	168	3934737	45.777	nq	97
55) 4-Nitrophenol	14.82	139	1263026	88.895	nq	# 47
56) 2,4-Dinitrotoluene	14.97	165	882674	44.841	nq	84
57) Fluorene	15.66	166	3300376	44.042	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	745790	48.764	nq	# 100
59) Diethylphthalate	15.43	149	3292866	43.053	nq	98
60) 4-Chlorophenyl-phenylether	15.65	204	1523872	43.597	nq	95
61) 4-Nitroaniline	15.67	138	837233	44.115	nq	85
62) Azobenzene	15.94	77	3299917	47.874	nq	91
64) 4,6-Dinitro-2-methylphenol	15.73	198	359168	43.593	nq	85
65) n-Nitrosodiphenylamine	15.86	169	2832572	41.040	nq	99
66) 4-Bromophenyl-phenylether	16.54	248	923442	40.081	nq	# 90
67) Hexachlorobenzene	16.66	284	1002082	37.063	nq	# 87
68) Atrazine	16.81	200	931242	46.037	nq	98
69) Pentachlorophenol	17.00	266	1271912	85.691	nq	98
70) Phenanthrene	17.40	178	5365041	43.983	nq	98
71) Anthracene	17.49	178	5379951	43.861	nq	99
72) Carbazole	17.76	167	5227997	44.228	nq	99
73) Di-n-butylphthalate	18.31	149	6056532	44.102	nq	100
74) Fluoranthene	19.40	202	6256884	44.954	nq	95
76) Benzidine	19.58	184	1434728	25.807	nq	99
77) Pyrene	19.77	202	6667128	38.626	nq	99
79) Butylbenzylphthalate	20.65	149	2950734	38.696	nq	94
80) Benzo(a)anthracene	21.50	228	6647505	42.195	nq	98
81) 3,3'-Dichlorobenzidine	21.43	252	1478183	24.714	nq	99
82) Chrysene	21.56	228	6223085	41.909	nq	97
83) Bis(2-ethylhexyl)phthalate	21.42	149	4504428	40.293	nq	99
84) Di-n-octyl phthalate	22.34	149	8099416	42.978	nq	# 95
85) Indeno(1,2,3-cd)pyrene	26.35	276	8041743	58.058	nq	# 88
87) Benzo(b)fluoranthene	23.18	252	7352590	41.164	nq	99
88) Benzo(k)fluoranthene	23.23	252	6859087	40.052	nq	98
89) Benzo(a)pyrene	23.79	252	6928943	43.010	nq	# 96
90) Dibenzo(a,h)anthracene	26.36	278	6781017	49.182	nq	99
91) Benzo(g,h,i)perylene	27.10	276	6360274	47.733	nq	99

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



#1

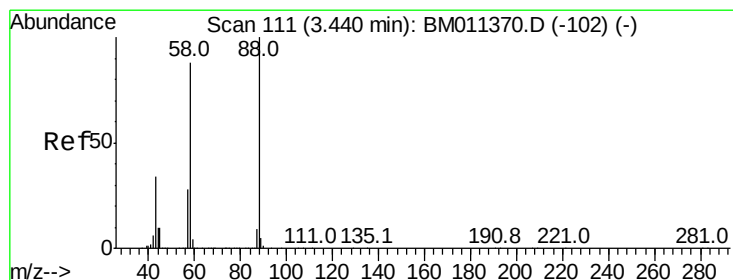
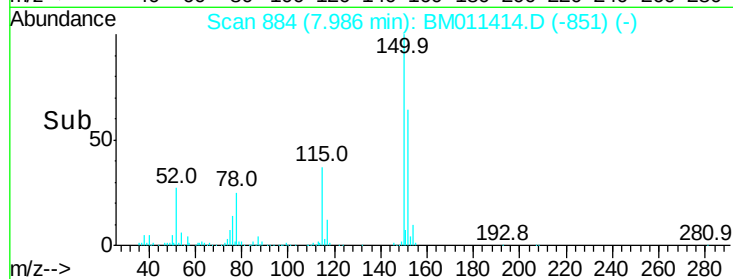
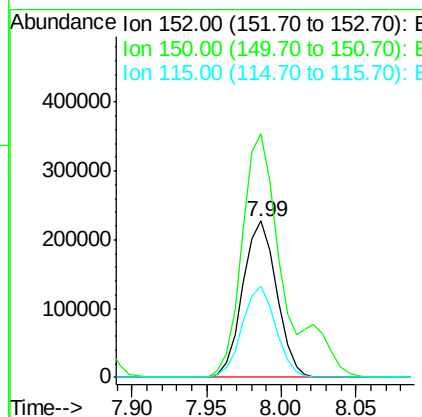
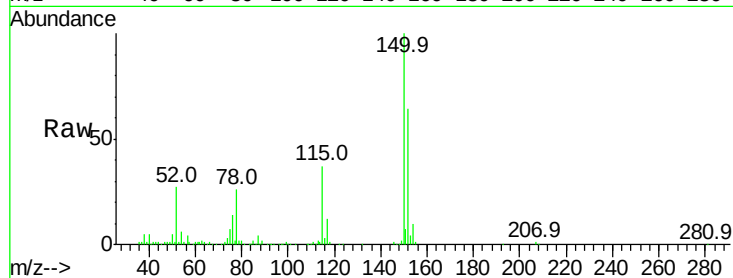
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	119.5	179.3
115	58.3	43.0	64.4

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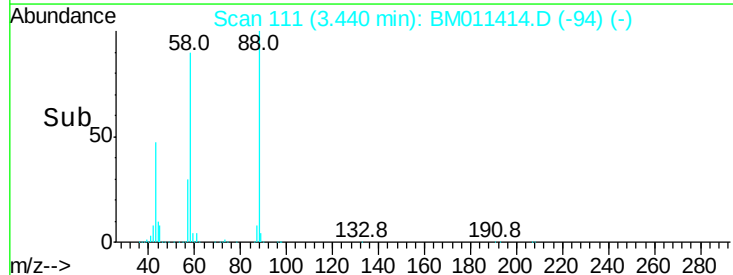
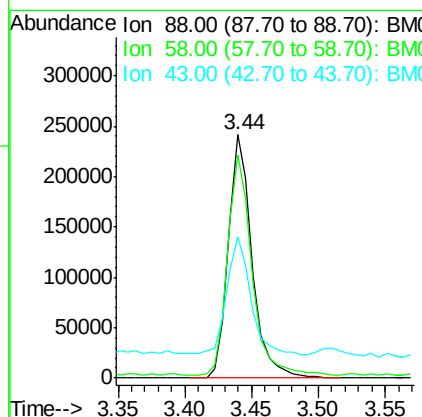
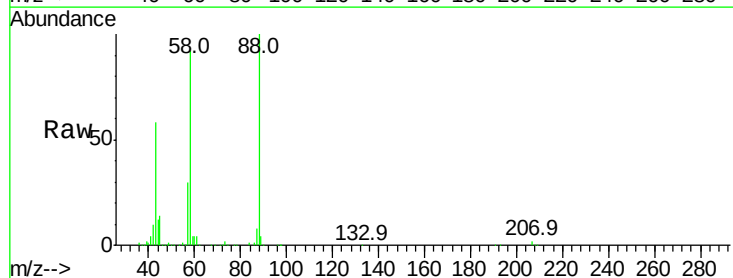
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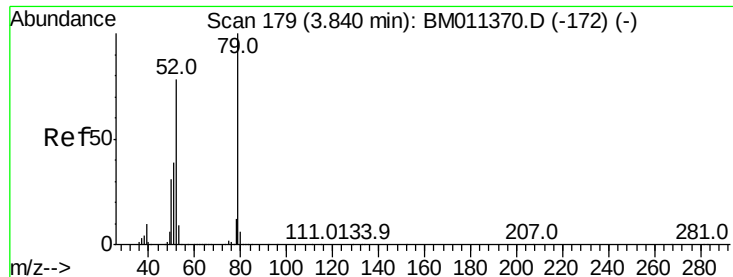


#2

1,4-Dioxane
Concen: 34.316 ng
RT: 3.44 min Scan# 111
Delta R.T. -0.00 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	0.0	0.0#
43	48.4	0.0	0.0#





#3

Pvridine

Concen: 30.646 ng

RT: 3.85 min Scan# 180

Delta R.T. 0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

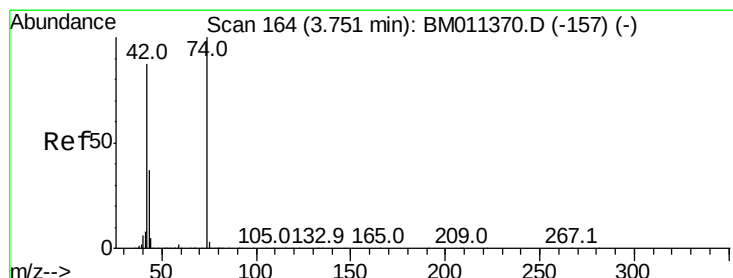
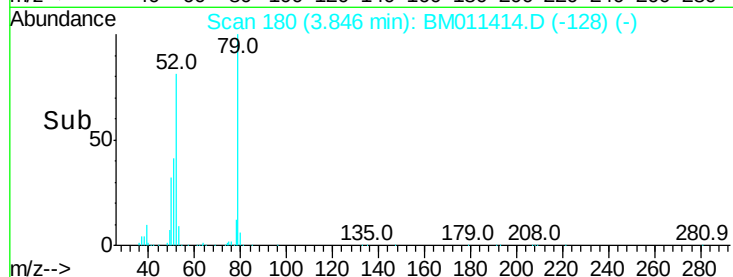
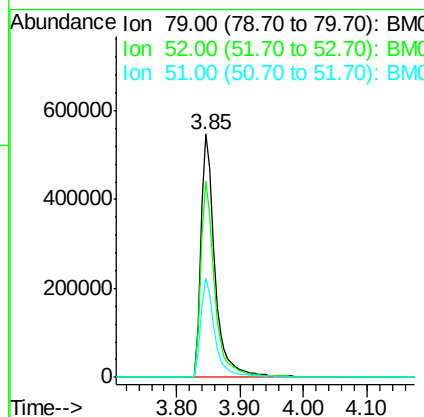
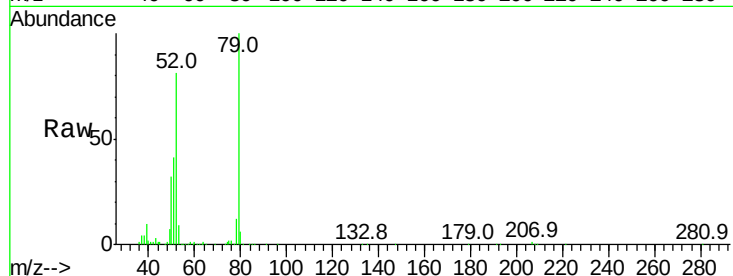
ClientSampleId :

TP-3-4-COMPMS

Tot Ion:	79	Resp:	832437
Ion Ratio	Lower	Upper	
79	100		
52	80.6	51.1	76.7#
51	40.9	26.1	39.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.171 ng

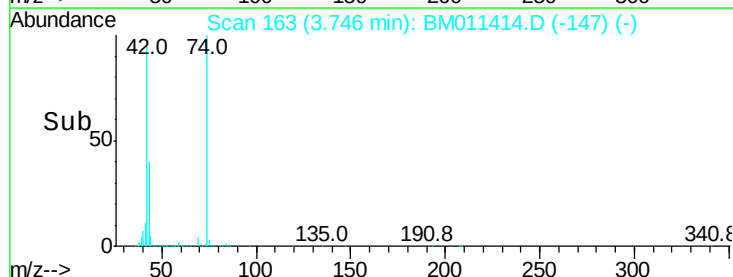
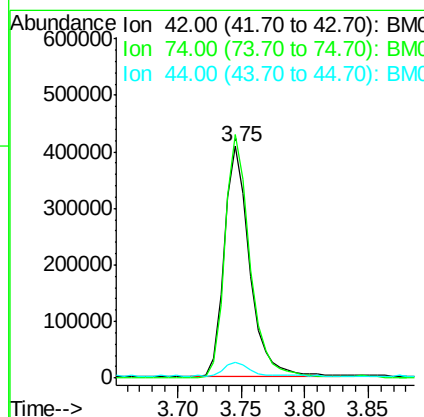
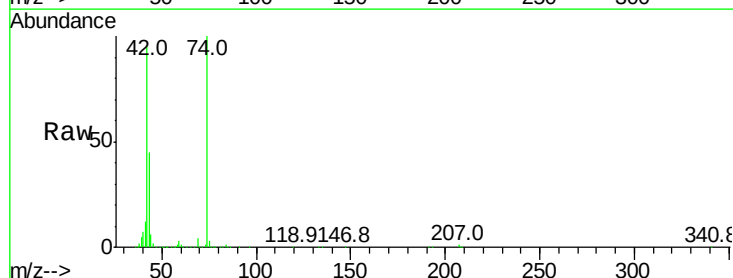
RT: 3.75 min Scan# 163

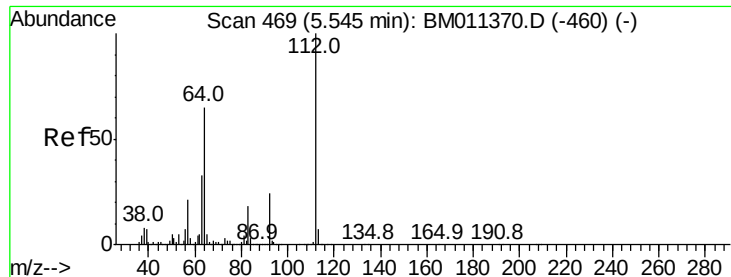
Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tgt Ion:	42	Resp:	571038
Ion Ratio	Lower	Upper	
42	100		
74	104.9	119.3	178.9#
44	6.7	5.4	8.2





#5

2-Fluorophenol

Concen: 146.408 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:112 Resp: 3115850

Ion Ratio Lower Upper

112 100

64 66.6 38.6 57.8#

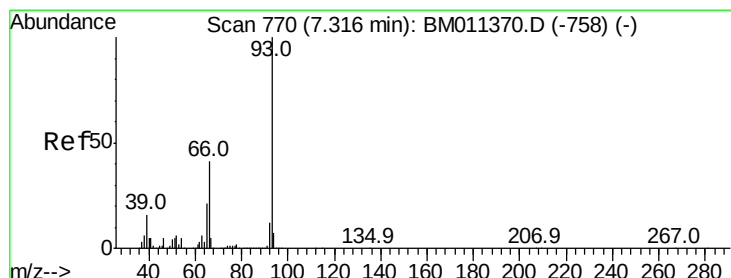
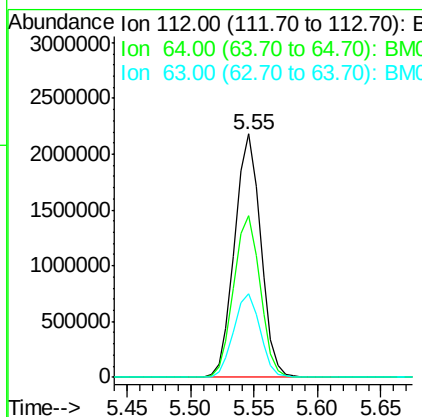
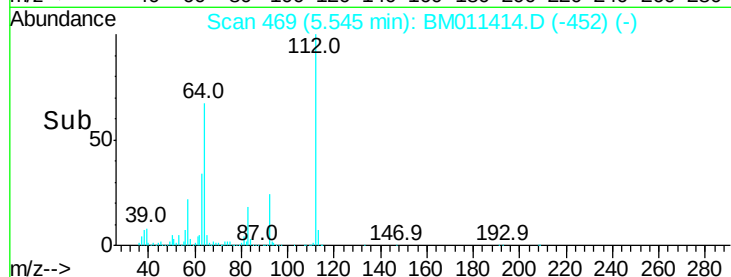
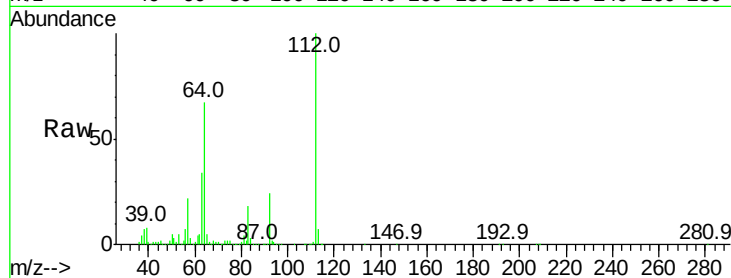
63 34.1 19.3 28.9#

Manual Integrations

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#6

Aniline

Concen: 14.058 ng

RT: 7.31 min Scan# 769

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

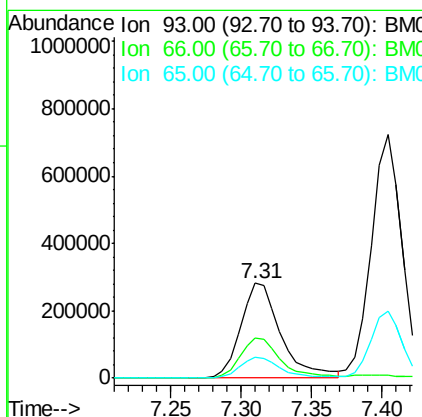
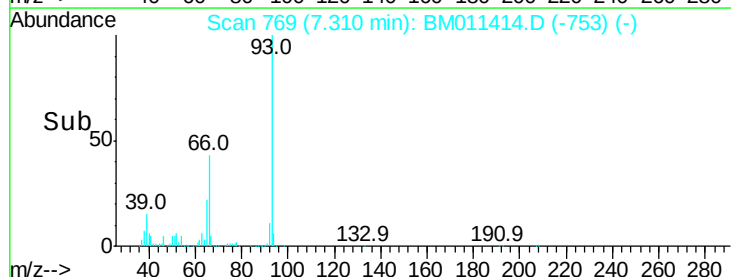
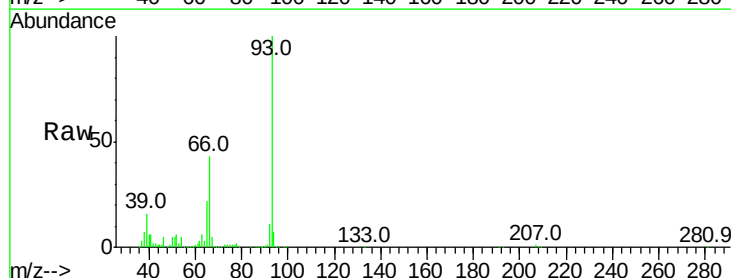
Tgt Ion: 93 Resp: 563427

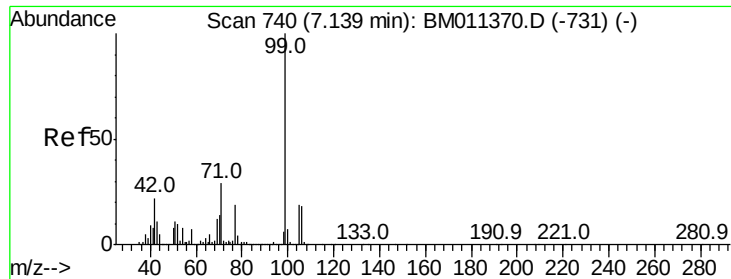
Ion Ratio Lower Upper

93 100

66 42.9 30.8 46.2

65 21.9 16.0 24.0





#7

Phenol-d6

Concen: 132.751 ng

RT: 7.14 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion: 99 Resp: 3917475

Ion Ratio Lower Upper

99 100

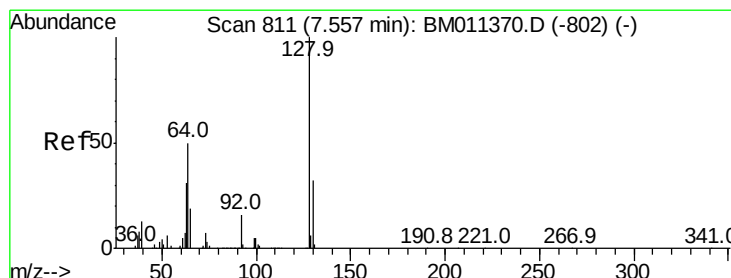
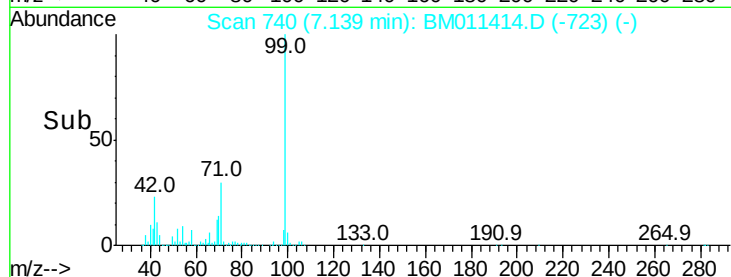
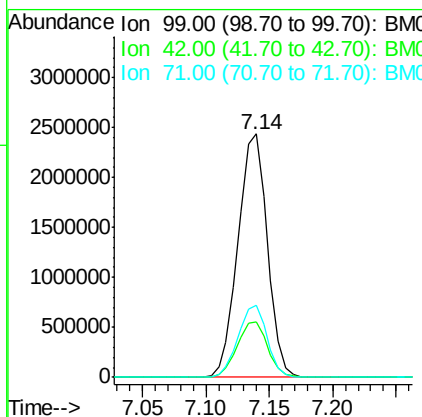
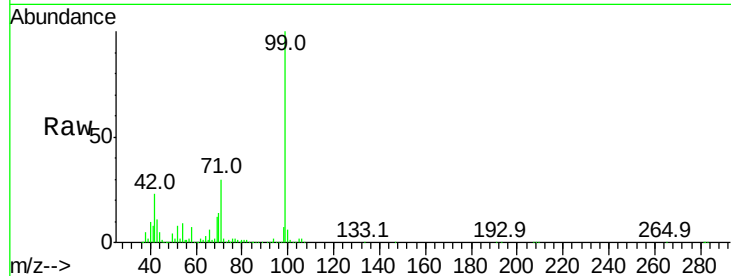
42 22.8 11.0 16.4#

71 29.5 23.4 35.2

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#8

2-Chlorophenol

Concen: 43.614 ng

RT: 7.55 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

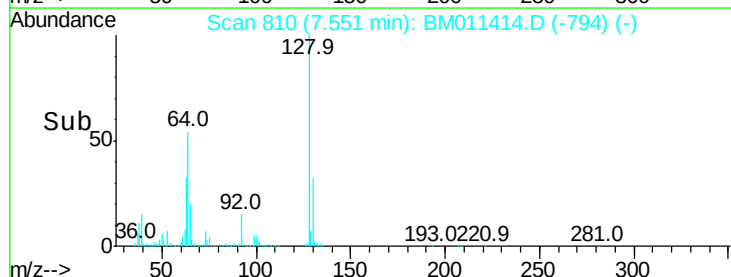
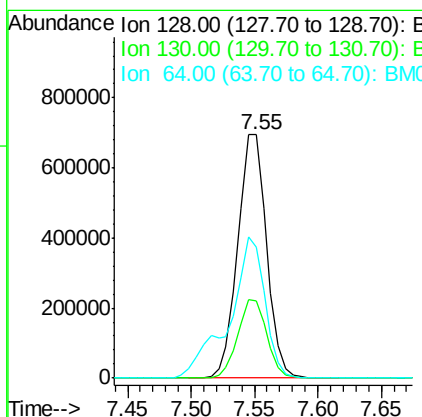
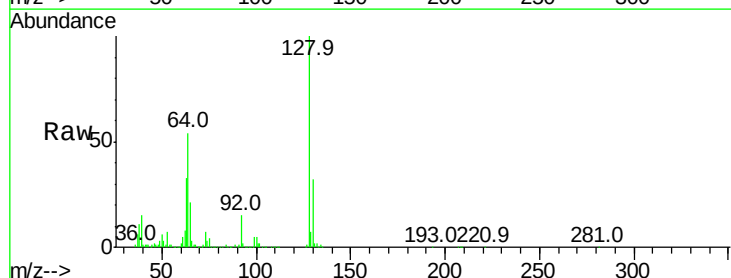
Tgt Ion: 128 Resp: 1094256

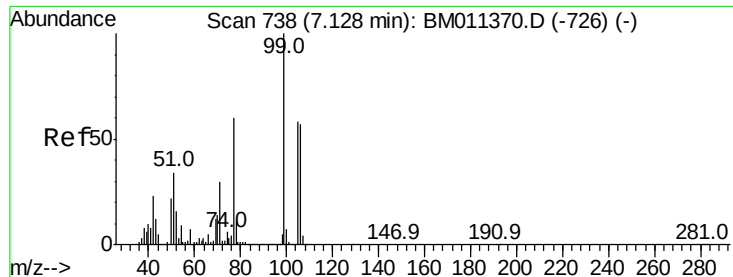
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 54.0 24.9 64.9





#9

Benzaldehyde

Concen: 18.441 ng

RT: 7.12 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

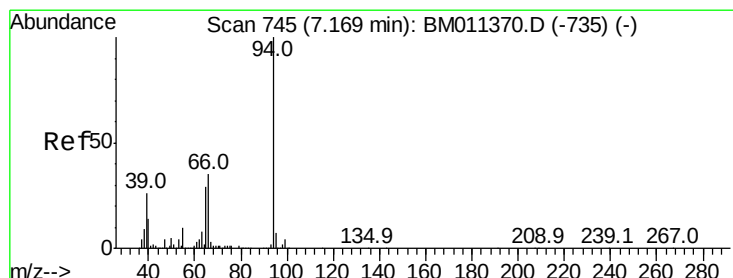
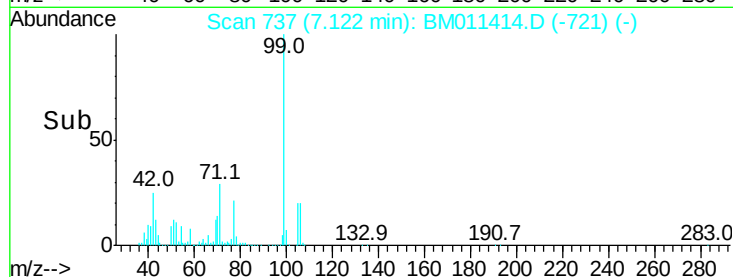
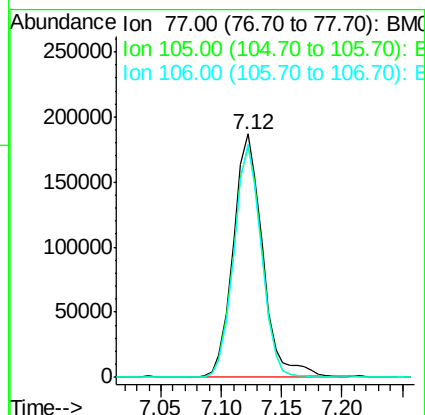
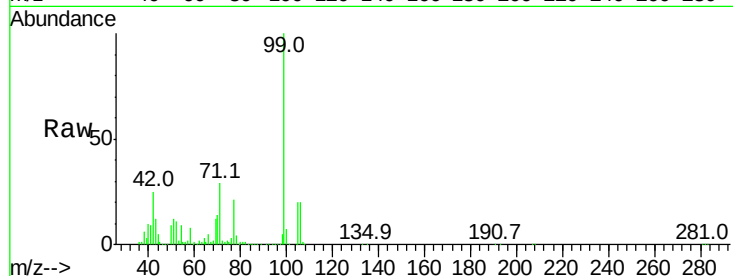
ClientSampleId :

TP-3-4-COMPMS

Tot Ion:	77	Resp:	316339
Ion	Ratio	Lower	Upper
77	100		
105	94.8	78.8	118.8
106	95.9	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 41.192 ng

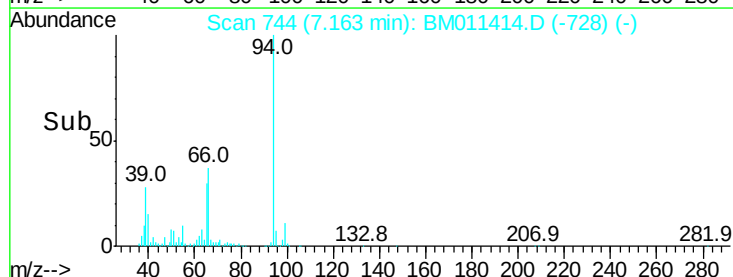
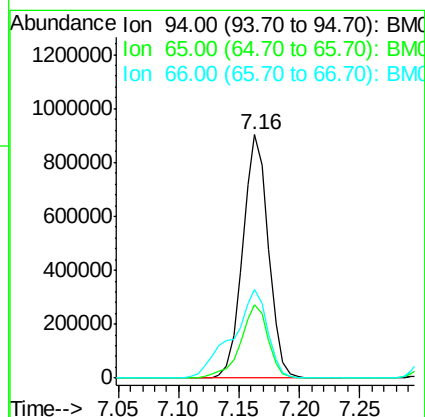
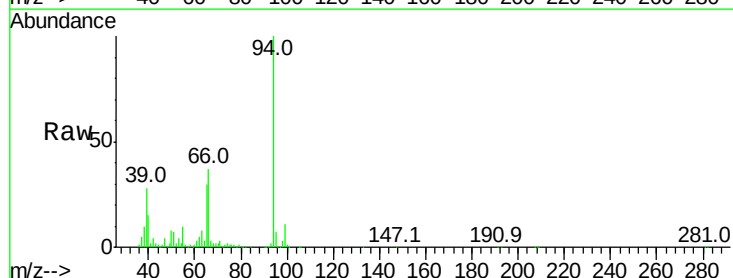
RT: 7.16 min Scan# 744

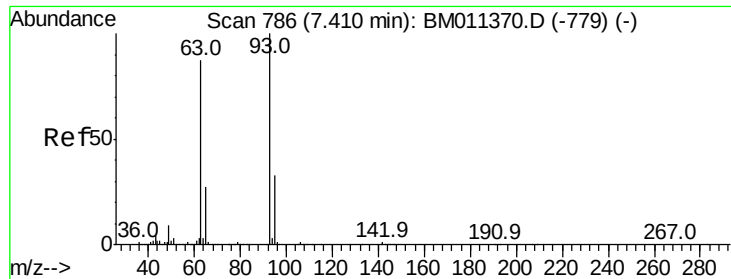
Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tgt Ion:	94	Resp:	1336371
Ion	Ratio	Lower	Upper
94	100		
65	29.9	18.8	58.8
66	36.6	39.9	79.9#





#11
bis(2-Chloroethyl)ether
Concen: 41.333 ng
RT: 7.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

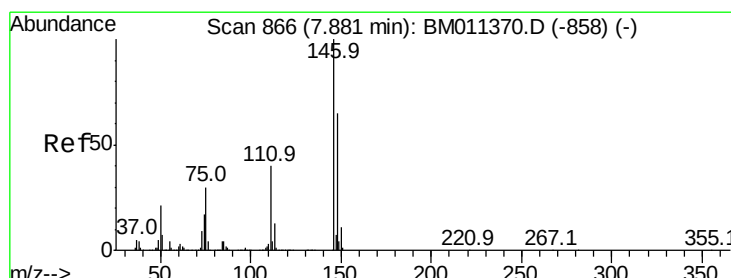
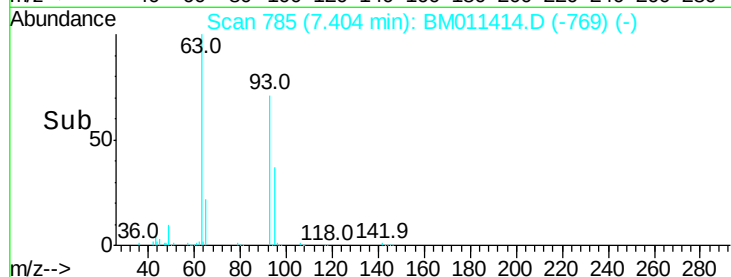
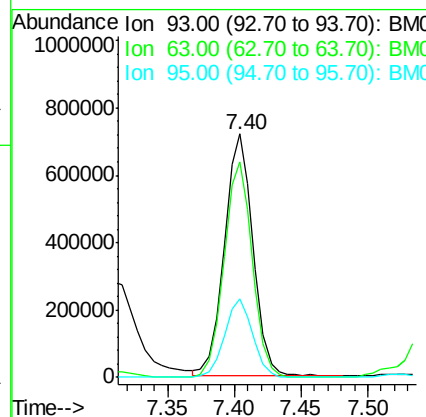
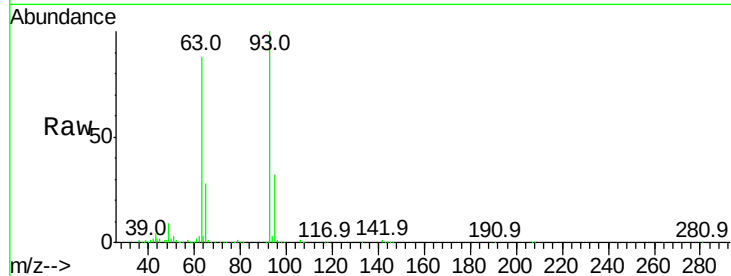
Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion: 93 Resp: 1071742

Ion	Ratio	Lower	Upper
93	100		
63	88.3	49.5	89.5
95	32.0	13.5	53.5

Manual Integrations
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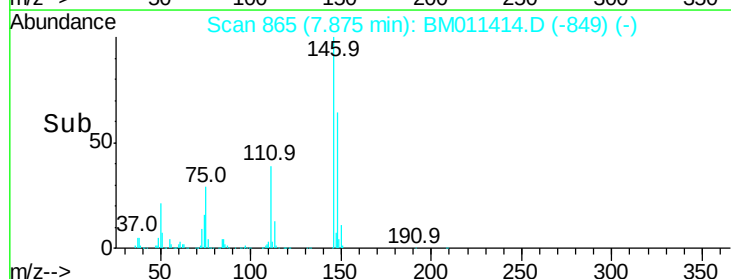
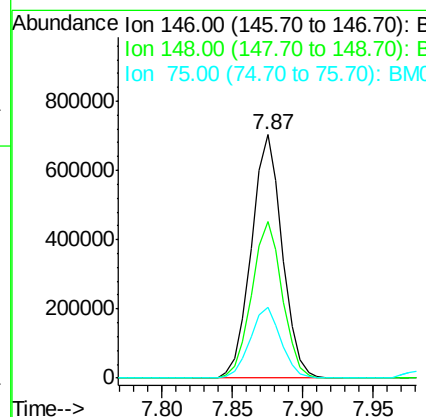
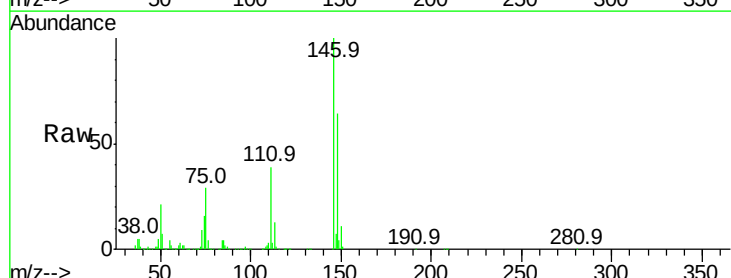
mohammad
9/5/2017 4:58:37 PM

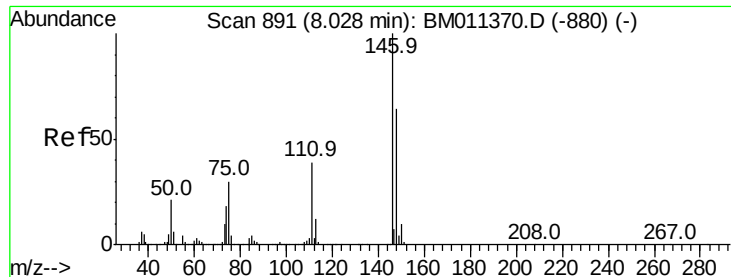


#12
1,3-Dichlorobenzene
Concen: 37.689 ng
RT: 7.87 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion: 146 Resp: 1076778

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	29.1	21.4	32.2





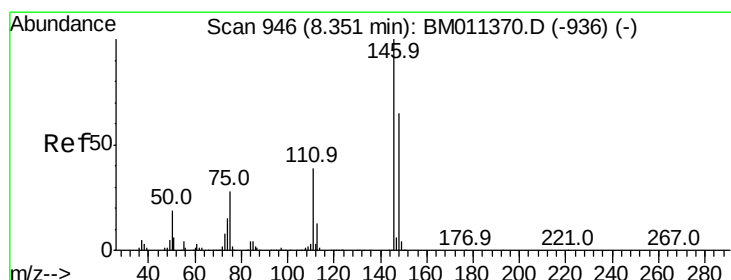
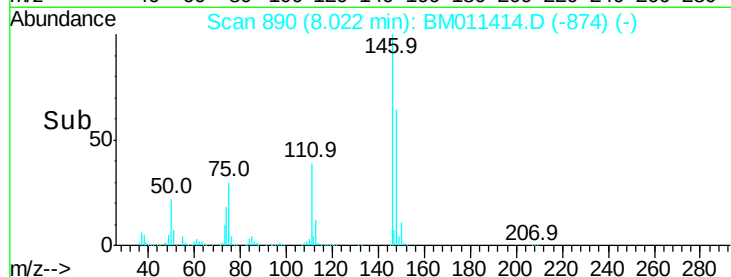
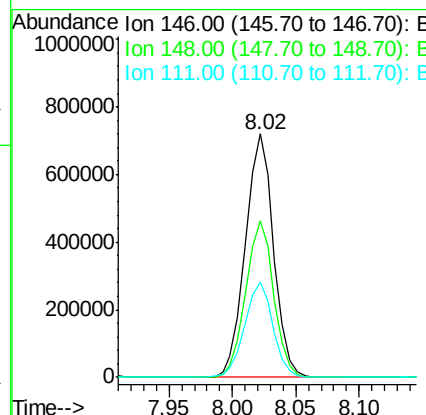
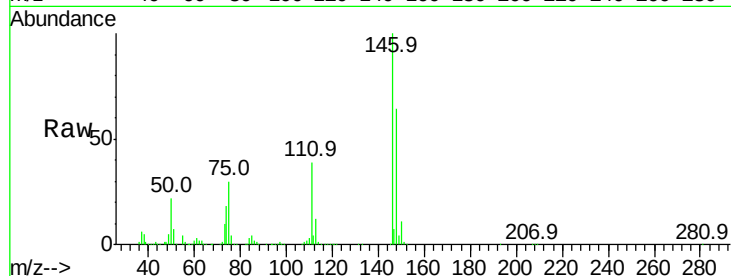
#13
 1,4-Dichlorobenzene
 Concen: 38.148 ng
 RT: 8.02 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	39.0	29.2	43.8

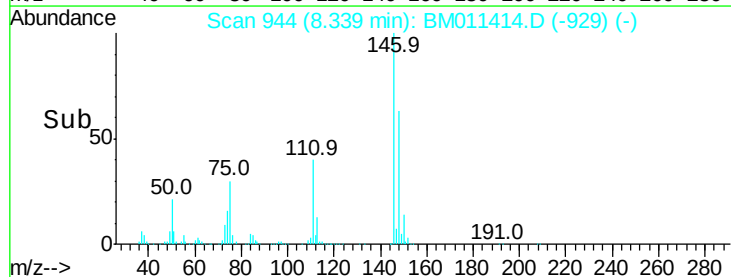
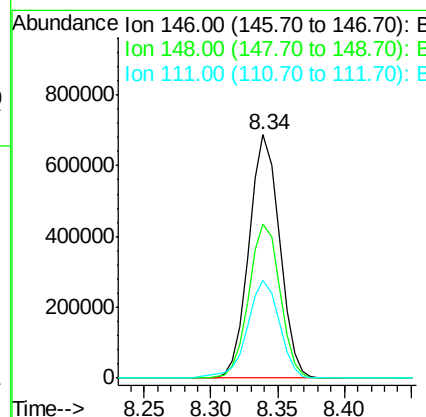
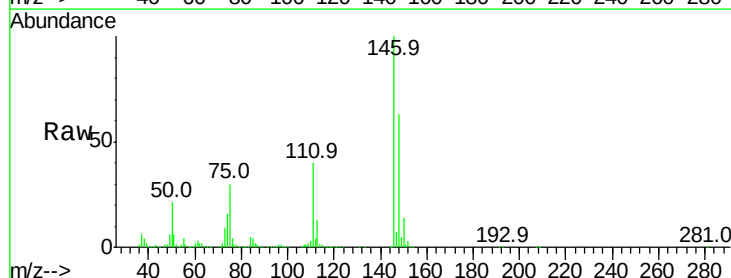
Manual Integrations
 APPROVED

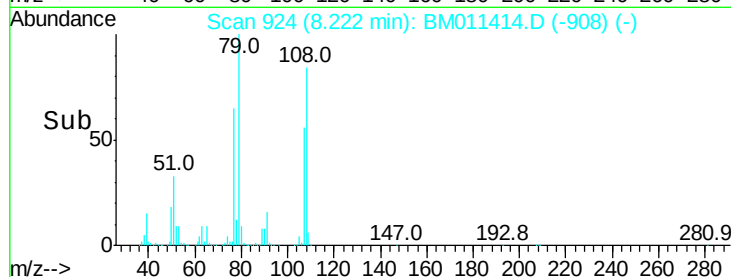
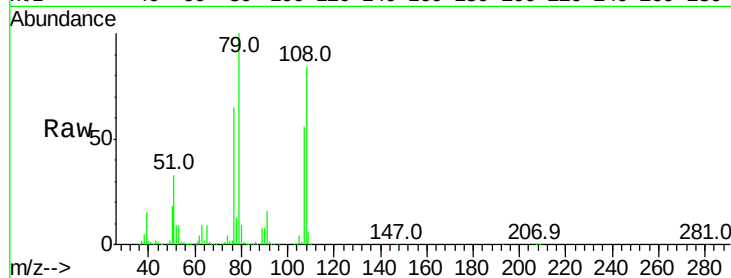
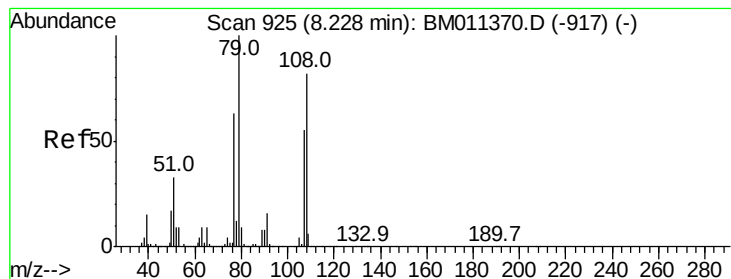
mohammad
 9/5/2017 4:58:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.549 ng
 RT: 8.34 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
111	40.0	30.6	45.8





#15

Benzyl Alcohol

Concen: 44.830 ng

RT: 8.22 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tot Ion:	79	Resp:	956485
Ion Ratio	Lower	Upper	
79	100		
108	84.3	65.0	97.4
77	64.8	53.0	79.6

Instrument :

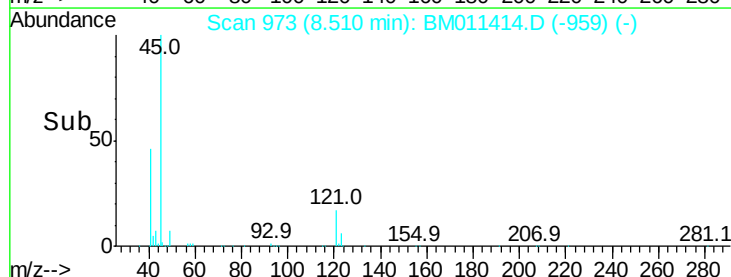
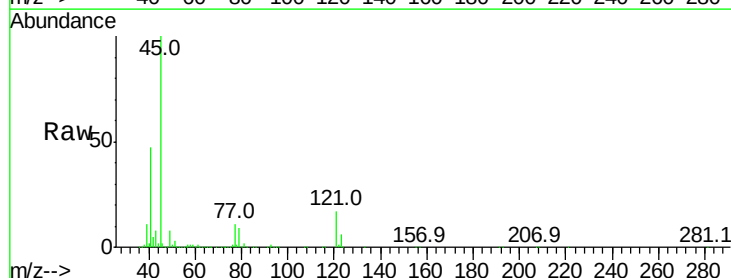
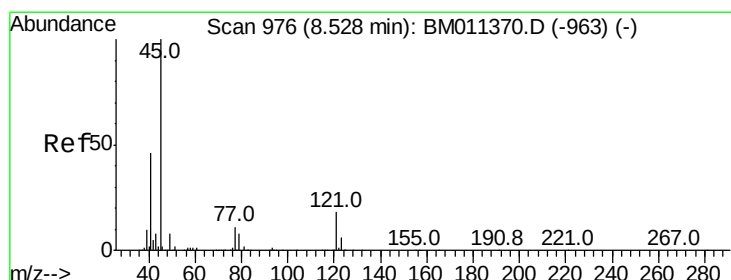
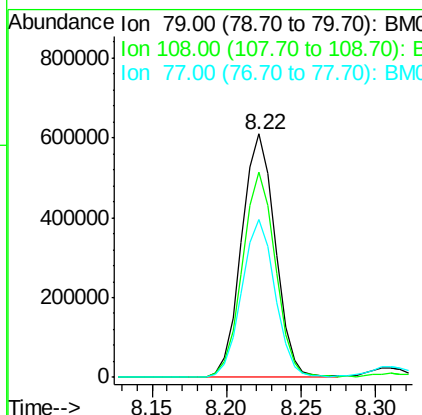
BNA_M

ClientSampleId :

TP-3-4-COMPMS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.832 ng

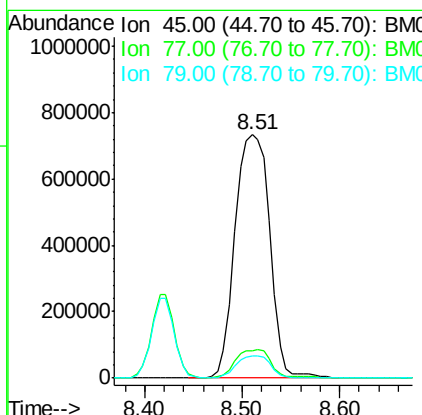
RT: 8.51 min Scan# 973

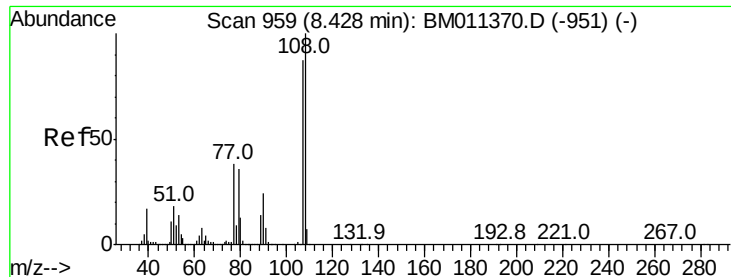
Delta R.T. -0.02 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tgt Ion:	45	Resp:	1813889
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	35.2
79	9.2	0.0	32.0





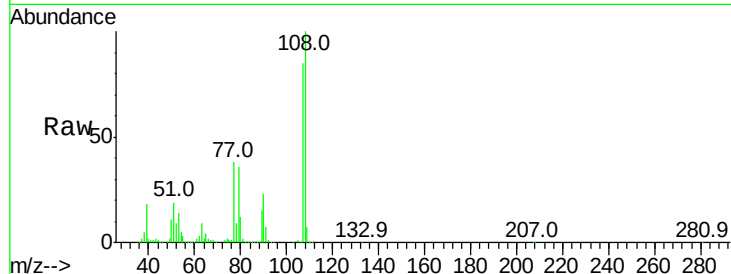
#17
2-Methylphenol
Concen: 44.497 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

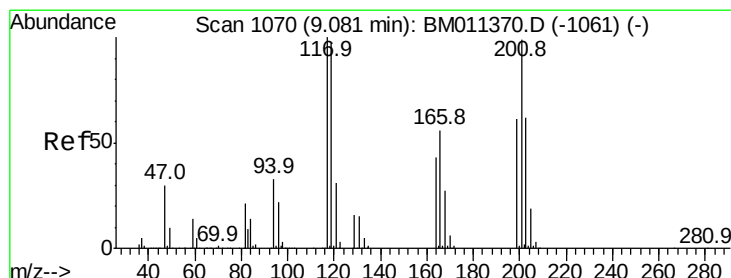
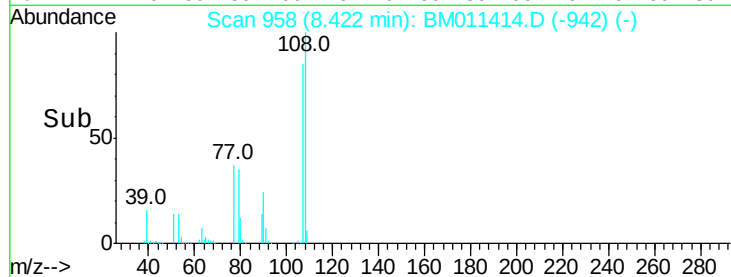
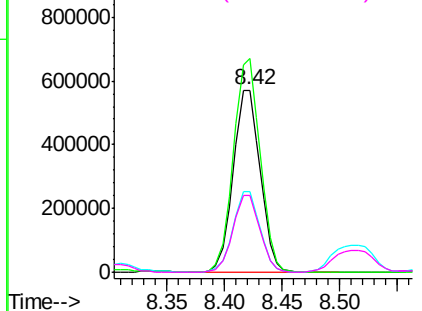
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	924336		
108	108	117.3		89.8	134.8
77	77	44.3		32.6	48.8
79	79	42.2		32.8	49.2

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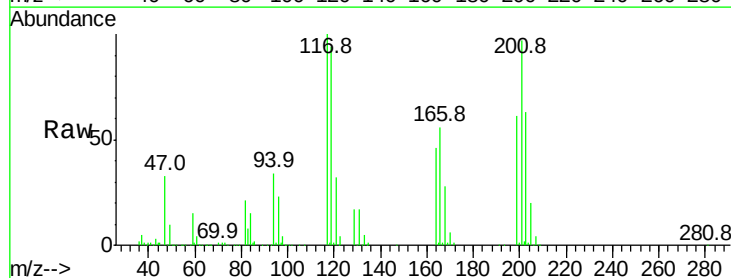


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

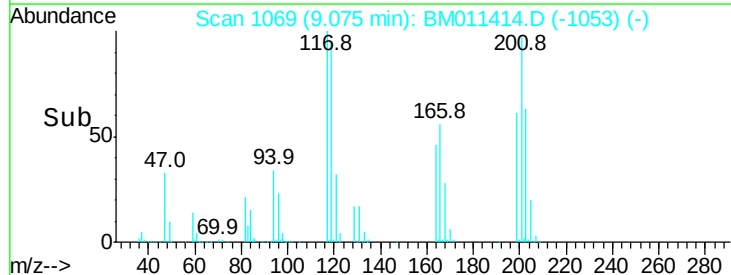
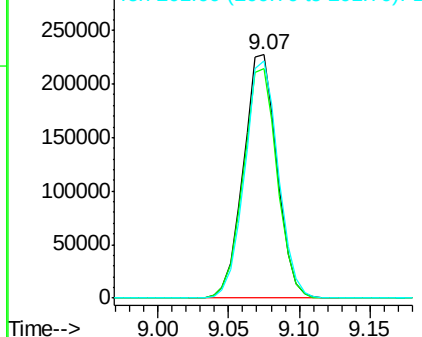


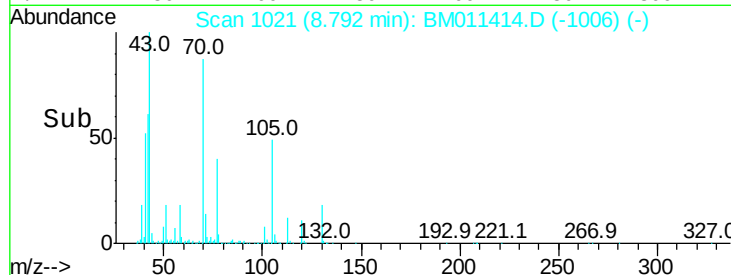
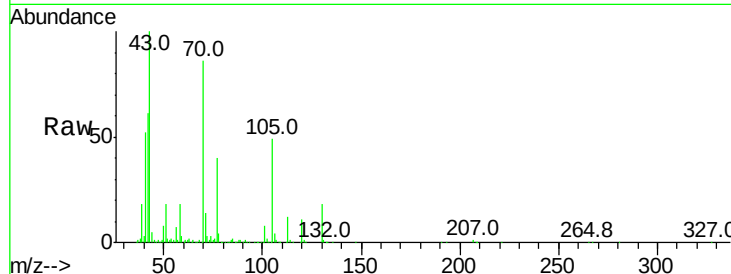
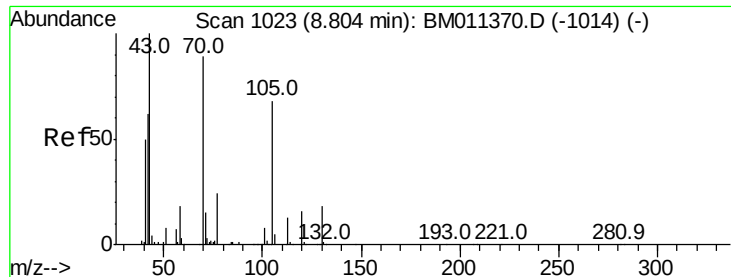
#18
Hexachloroethane
Concen: 38.054 ng
RT: 9.07 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	378498		
119	119	94.1		79.2	118.8
201	201	97.4		69.8	104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





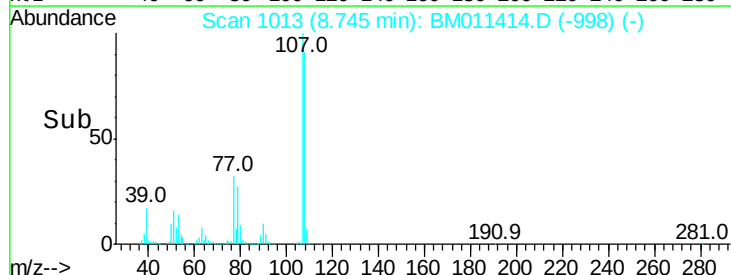
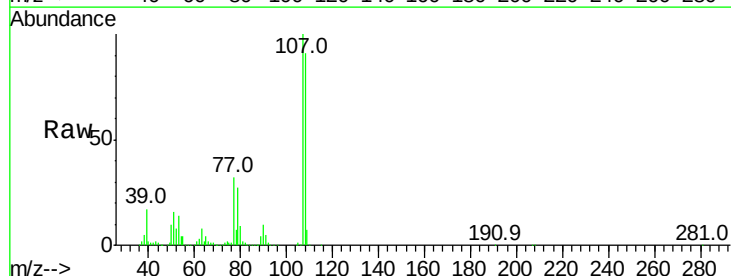
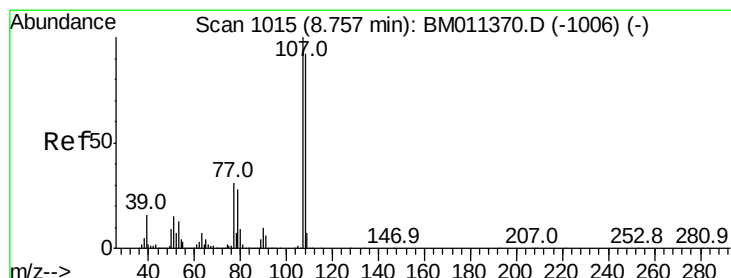
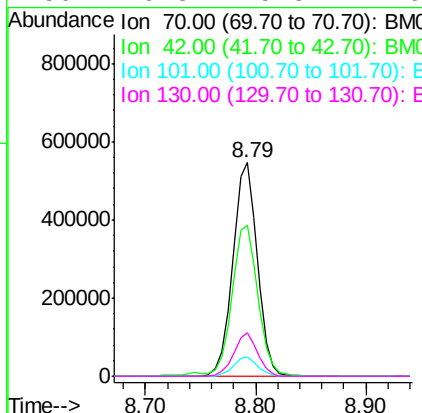
#19
n-Nitroso-di-n-propylamine
Concen: 39.368 ng
RT: 8.79 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		853026		
42	70.9	44.5	66.7#		
101	9.2	7.4	11.2		
130	20.3	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

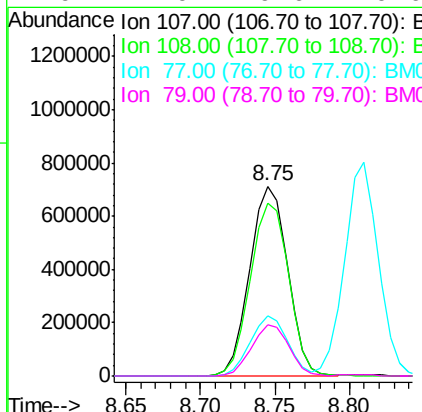
Manual Integrations
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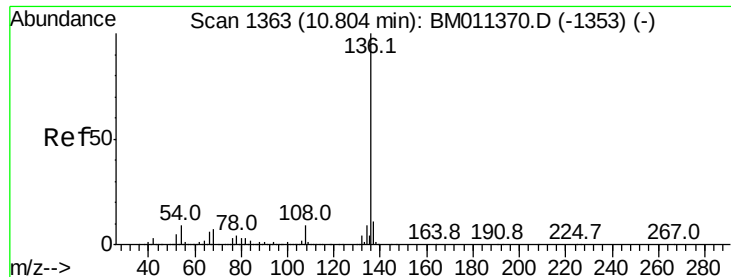
mohammad
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#20
3+4-Methylphenols
Concen: 43.451 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1252355		
108	91.0	73.2	113.2		
77	31.6	10.7	50.7		
79	27.0	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:136 Resp: 1609946

Ion Ratio Lower Upper

136 100

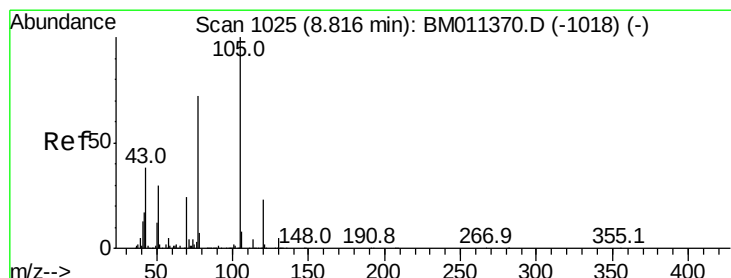
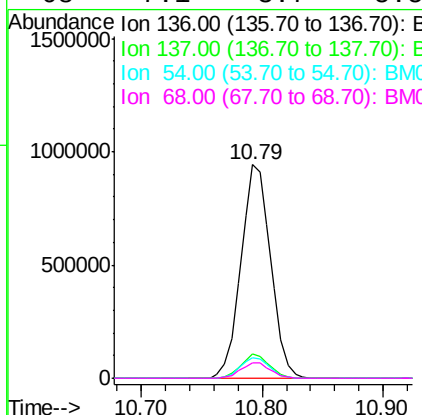
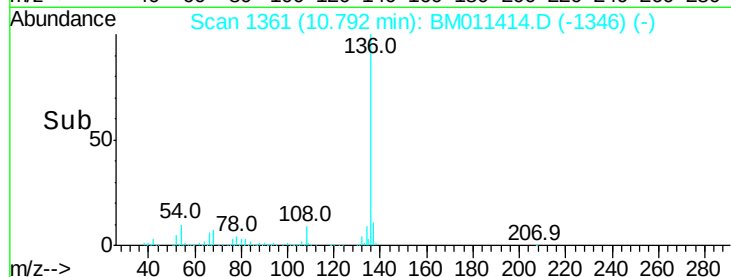
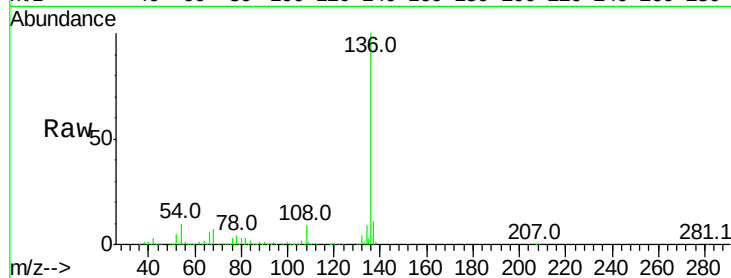
137 11.1 8.7 13.1

54 9.6 4.6 6.8#

68 7.1 3.7 5.5#

Manual Integrations
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#22

Acetophenone

Concen: 40.802 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tgt Ion:105 Resp: 1632283

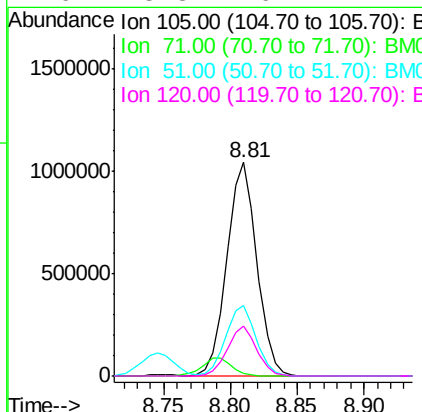
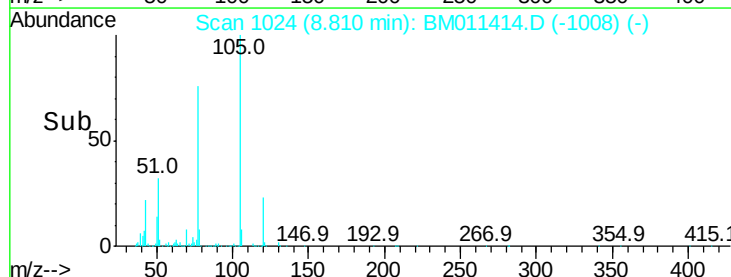
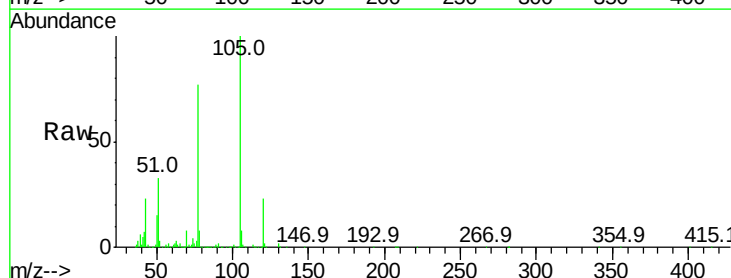
Ion Ratio Lower Upper

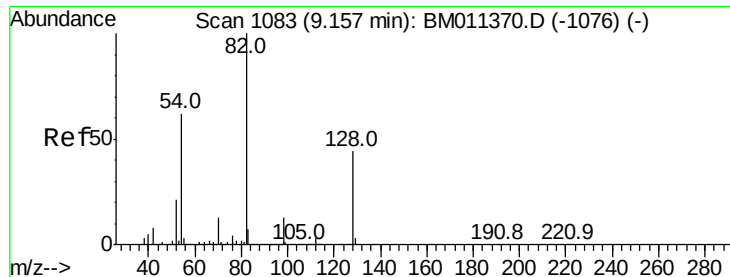
105 100

71 1.2 0.6 1.0#

51 32.7 21.6 32.4#

120 23.3 16.1 24.1





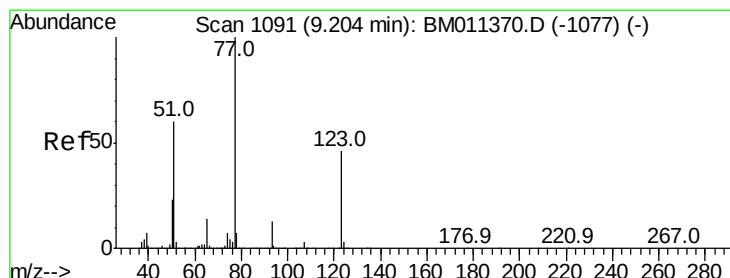
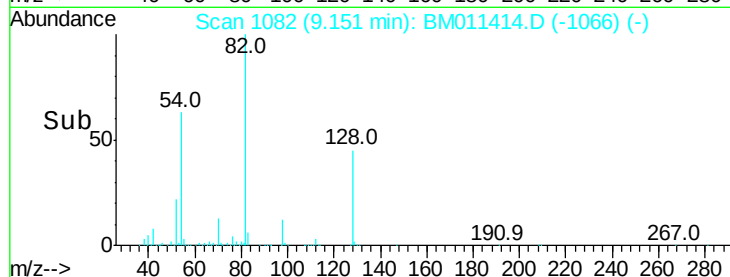
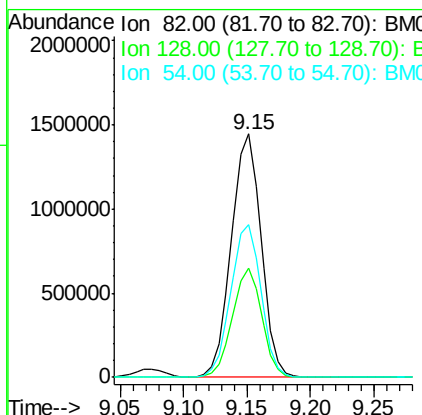
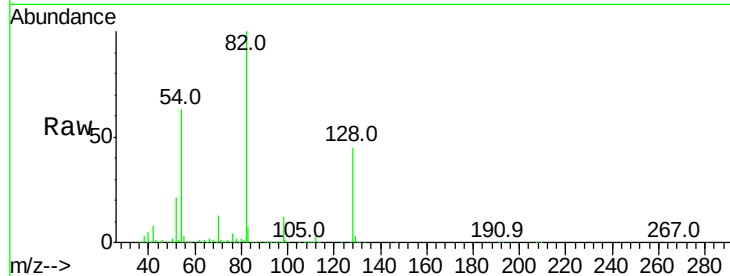
#23
 Nitrobenzene-d5
 Concen: 96.226 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.8	49.2
54	62.6	40.6	60.8

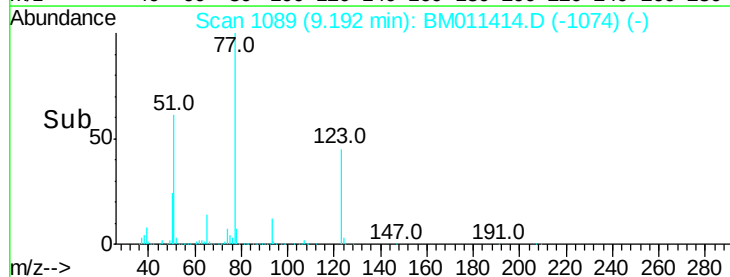
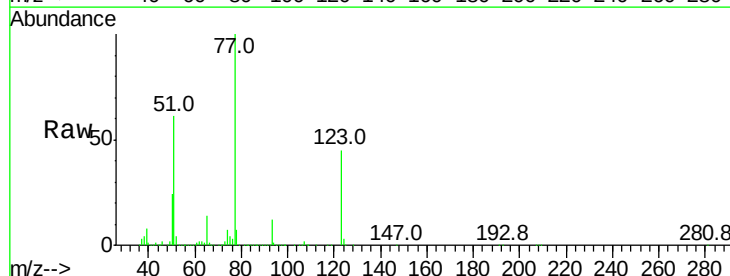
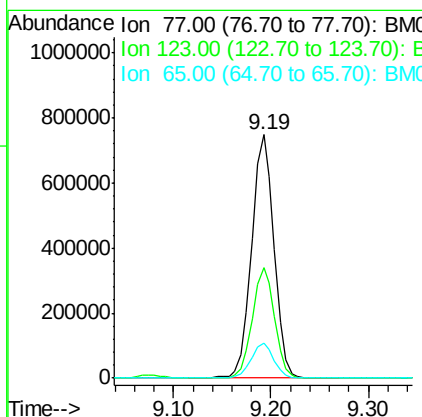
Manual Integrations
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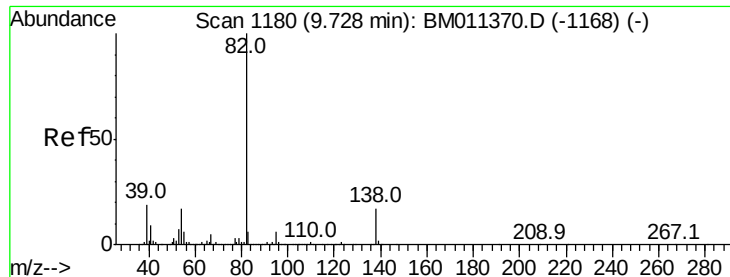
mohammad
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#24
 Nitrobenzene
 Concen: 44.683 ng
 RT: 9.19 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	32.6	49.0
65	14.4	10.9	16.3





#25

Isophorone

Concen: 42.141 ng

RT: 9.72 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion: 82 Resp: 2306822

Ion Ratio Lower Upper

82 100

95 6.0 5.8 8.6

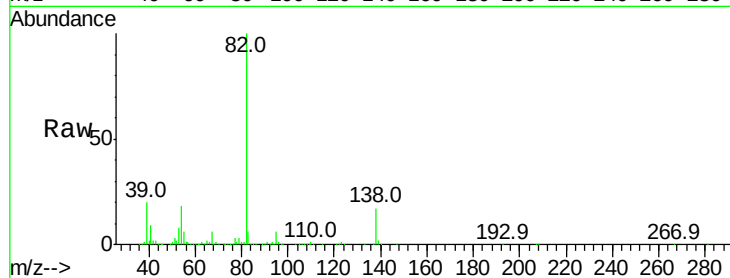
138 17.3 16.3 24.5

Manual Integrations

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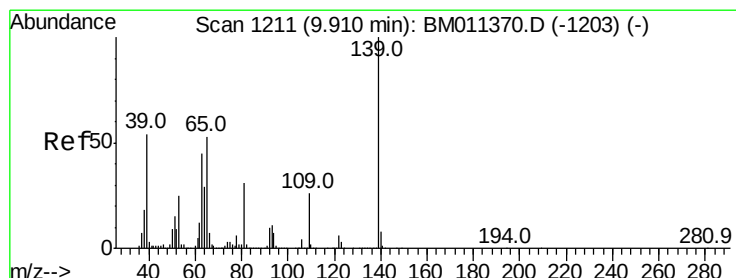
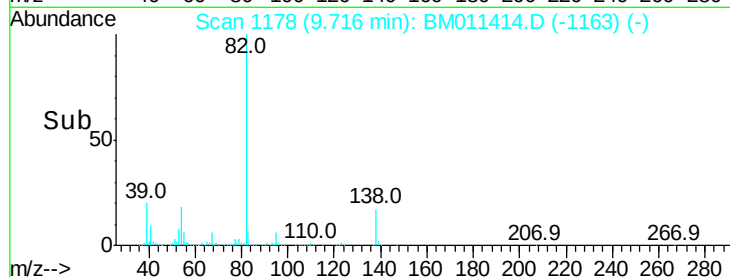
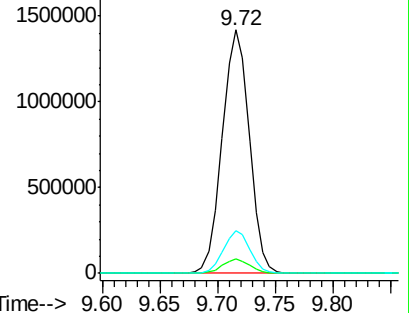
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Abundance Ion 82.00 (81.70 to 82.70): BM011370.D (-1168) (-)

Ion 95.00 (94.70 to 95.70): BM011370.D (-1168) (-)

Ion 138.00 (137.70 to 138.70): BM011370.D (-1168) (-)



#26

2-Nitrophenol

Concen: 40.539 ng

RT: 9.90 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

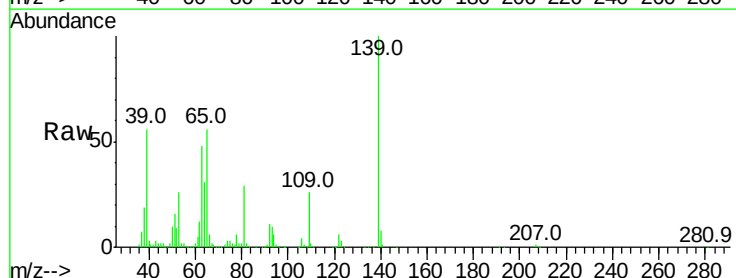
Tgt Ion: 139 Resp: 461370

Ion Ratio Lower Upper

139 100

109 25.5 20.1 30.1

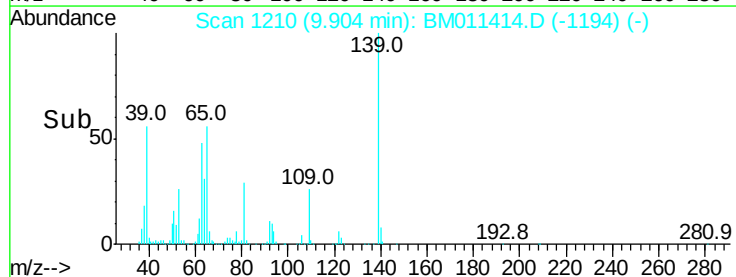
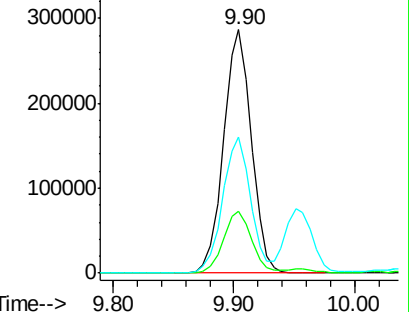
65 56.1 31.5 47.3#

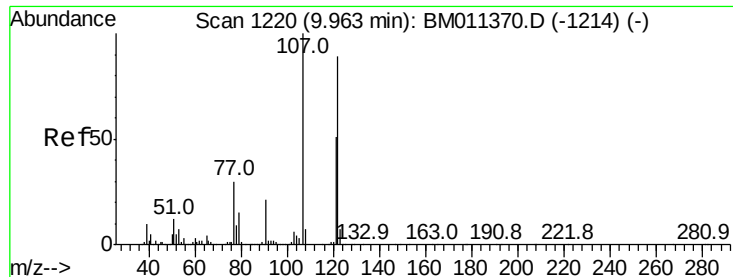


Abundance Ion 139.00 (138.70 to 139.70): BM011370.D (-1203) (-)

Ion 109.00 (108.70 to 109.70): BM011370.D (-1203) (-)

Ion 65.00 (64.70 to 65.70): BM011370.D (-1203) (-)





#27

2,4-Dimethylphenol

Concen: 41.994 ng

RT: 9.96 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:122 Resp: 1071890

Ion Ratio Lower Upper

122 100

107 110.1 84.7 127.1

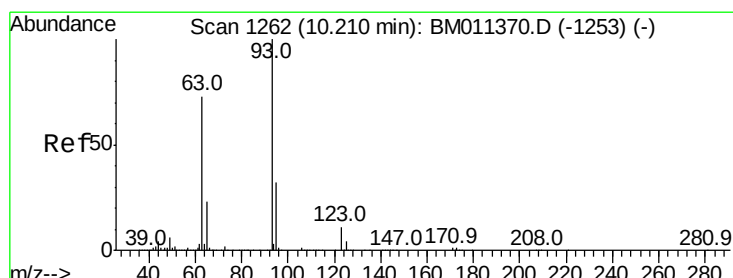
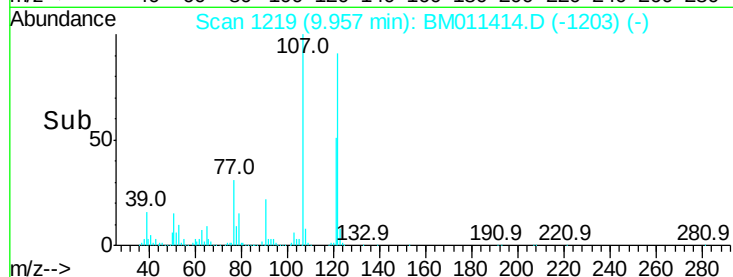
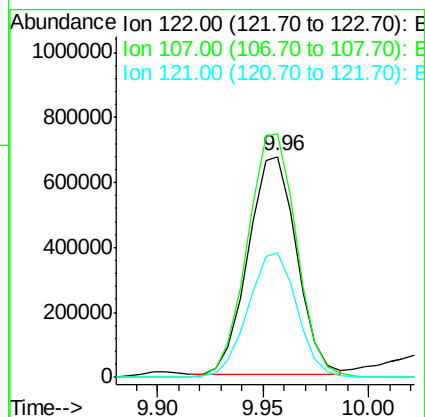
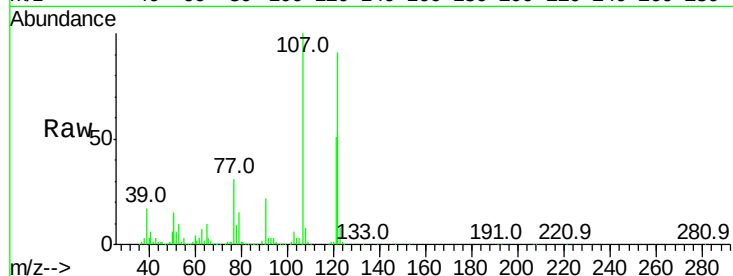
121 56.6 46.6 69.8

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 40.955 ng

RT: 10.20 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

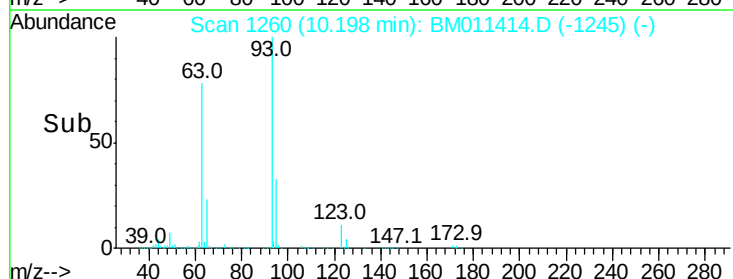
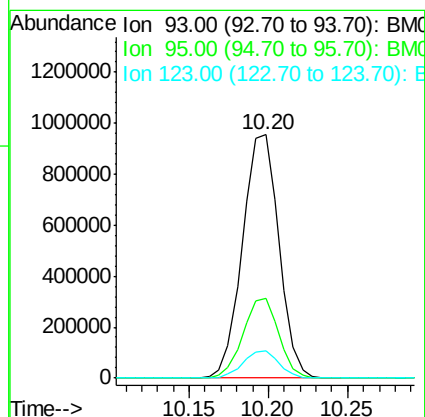
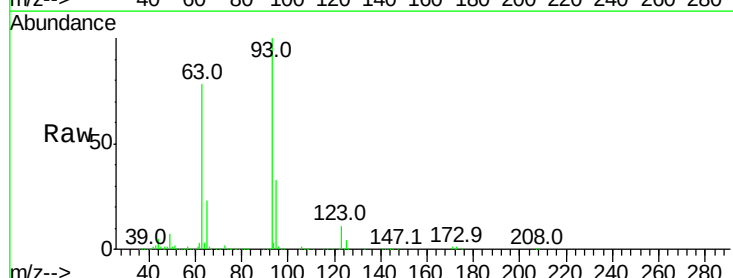
Tgt Ion: 93 Resp: 1529874

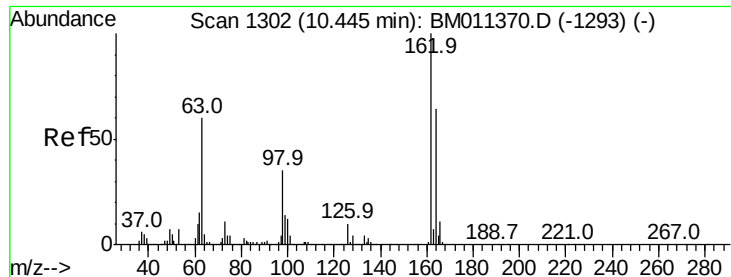
Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

123 11.0 8.6 13.0





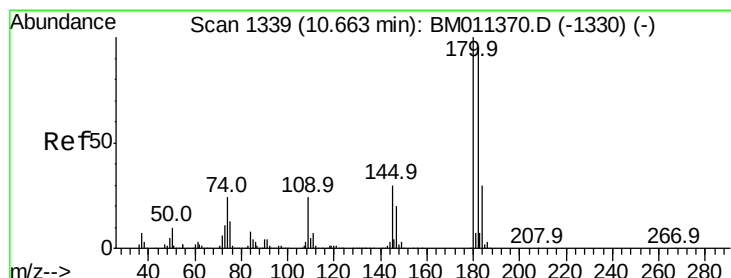
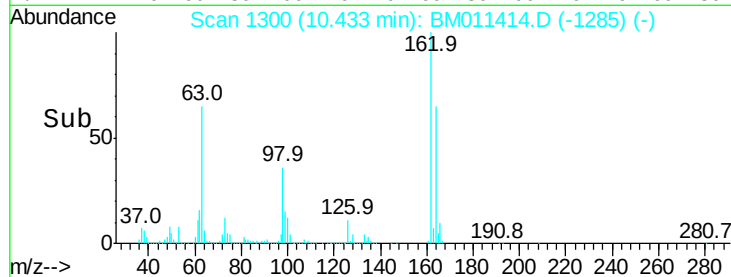
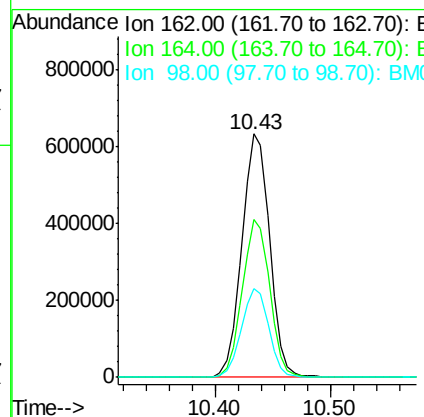
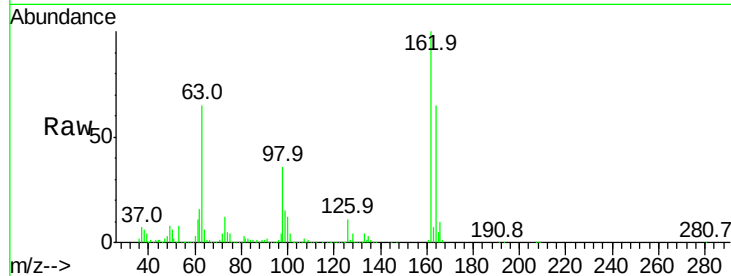
#29
 2,4-Dichlorophenol
 Concen: 44.168 ng
 RT: 10.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.8	82.8
98	36.4	14.5	54.5

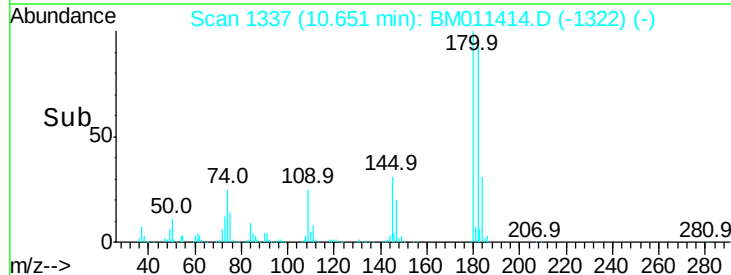
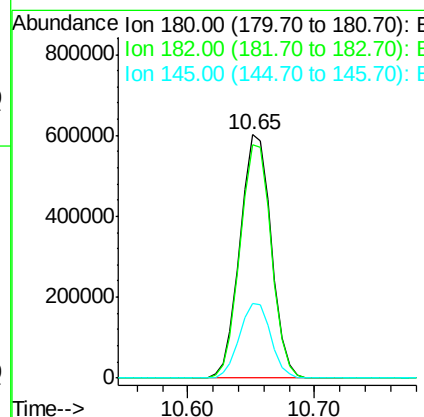
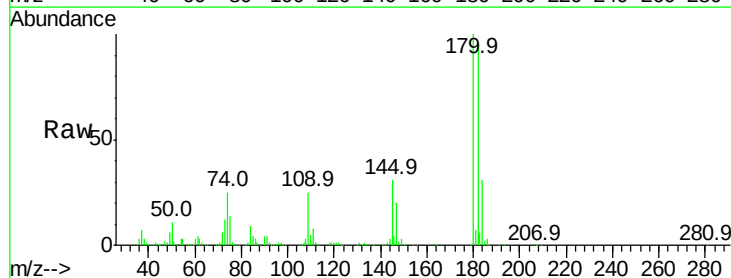
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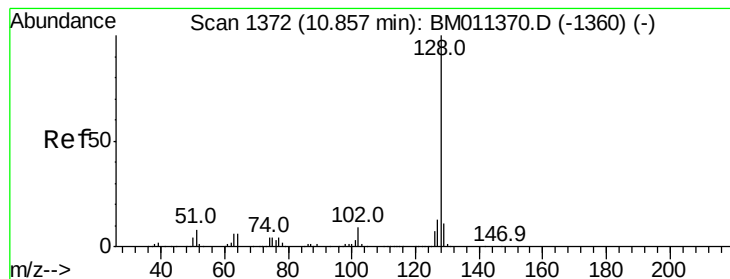
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.783 ng
 RT: 10.65 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.6	116.4
145	30.8	23.4	35.2





#31

Naphthalene

Concen: 40.652 ng

RT: 10.85 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:128 Resp: 3533582

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

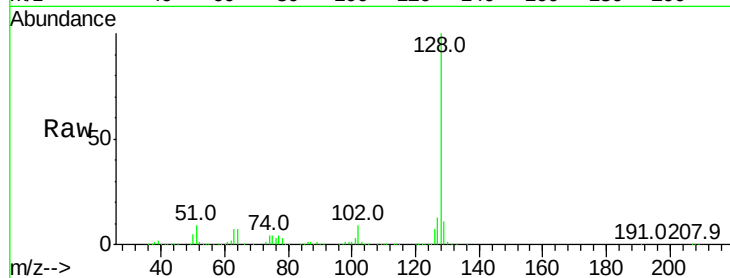
127 12.5 10.4 15.6

Manual Integrations

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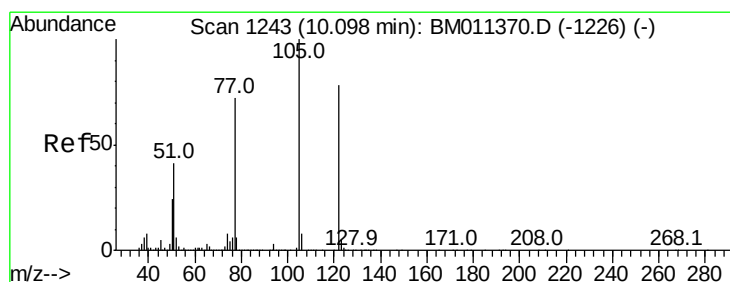
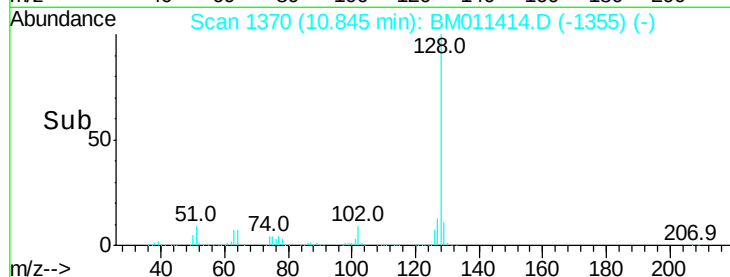
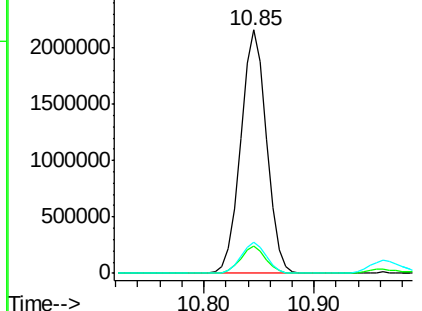
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.246 ng

RT: 10.06 min Scan# 1237

Delta R.T. -0.04 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

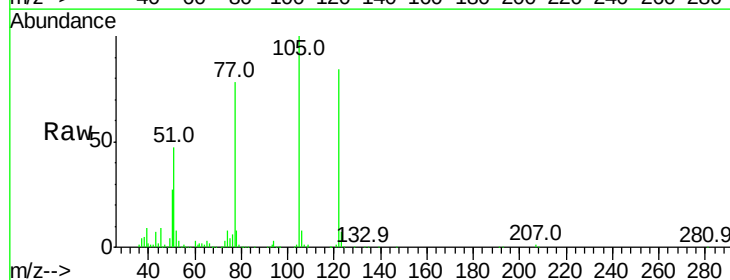
Tgt Ion:122 Resp: 515600

Ion Ratio Lower Upper

122 100

105 118.8 99.9 139.9

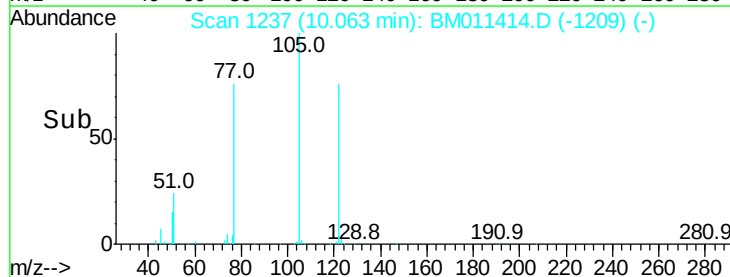
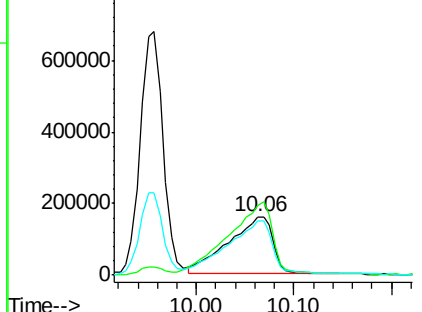
77 92.2 73.7 113.7

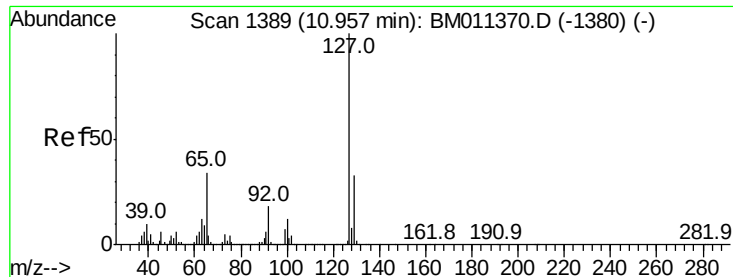


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





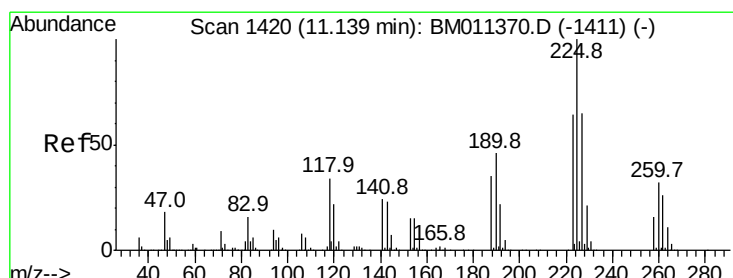
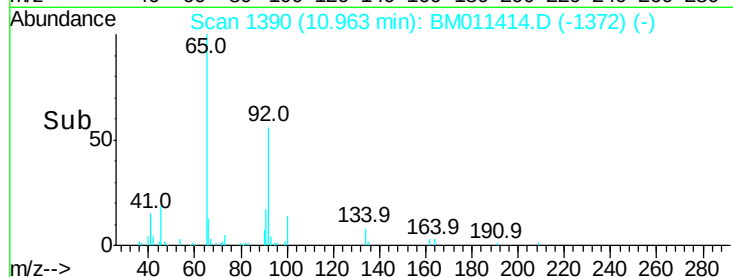
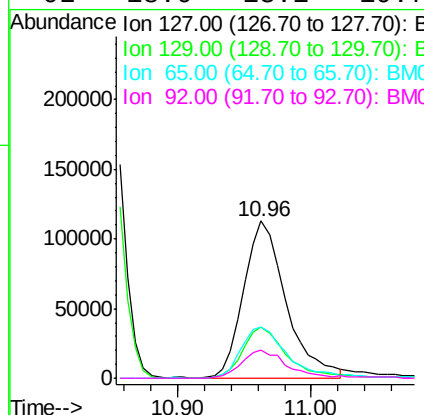
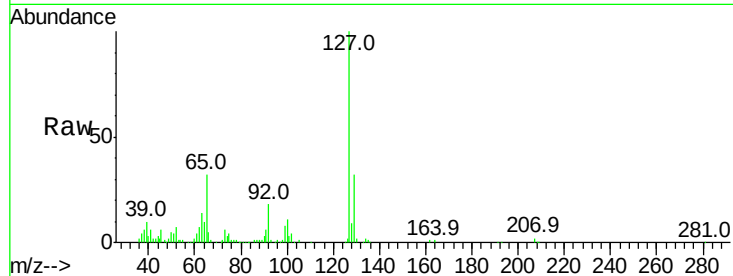
#33
4-Chloroaniline
Concen: 6.533 ng
RT: 10.96 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.3	37.9		
65	32.3	17.6	26.4		
92	18.0	13.1	19.7		

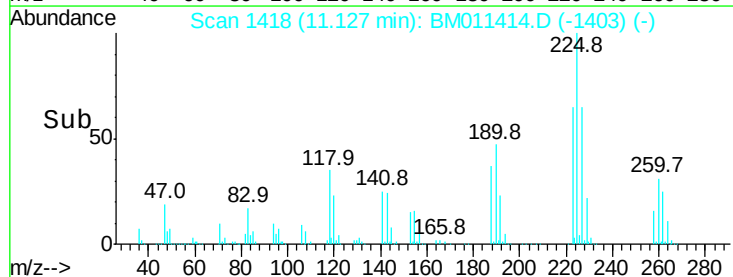
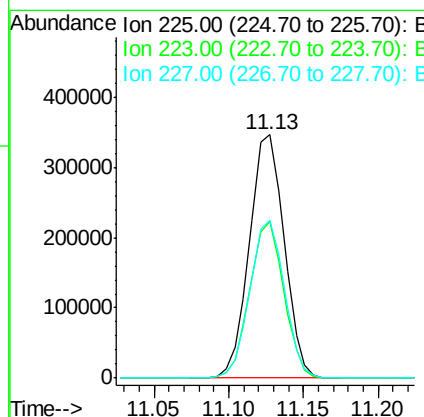
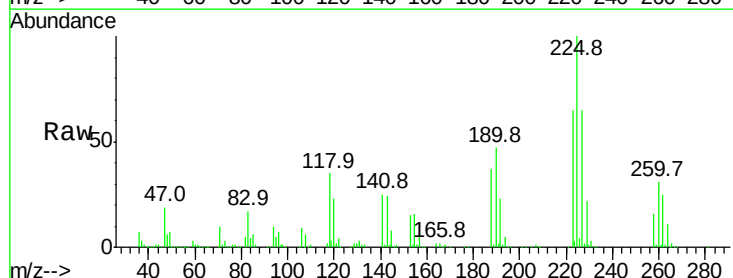
Manual Integrations
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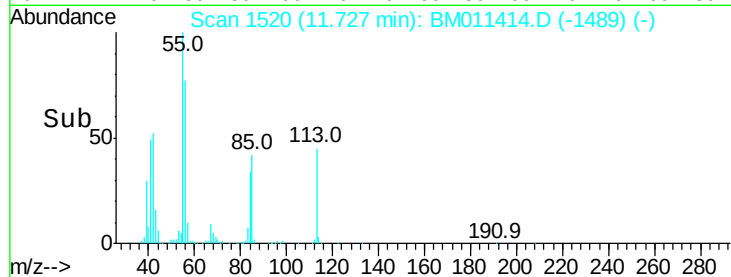
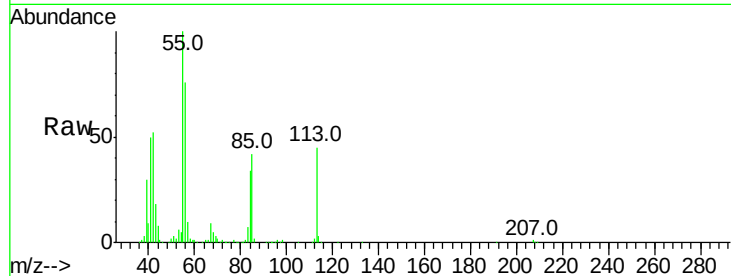
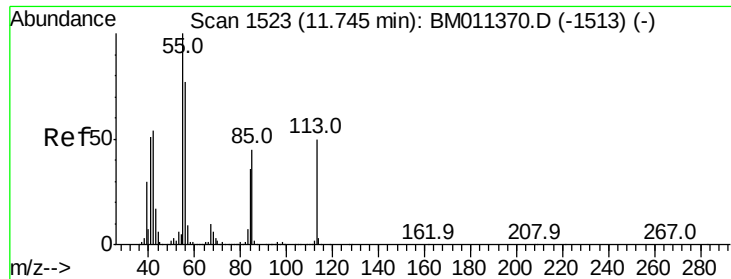
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#34
Hexachlorobutadiene
Concen: 37.112 ng
RT: 11.13 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	47.9	71.9		
227	64.8	50.1	75.1		





#35

Caprolactam

Concen: 33.422 ng/ml

RT: 11.73 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tot Ion:	113	Resp:	287439
Ion Ratio	Lower	Upper	
113	100		
55	221.2	145.9	185.9#
56	169.1	101.0	141.0#

Instrument :

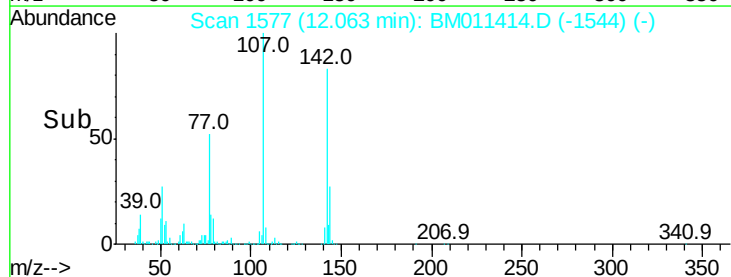
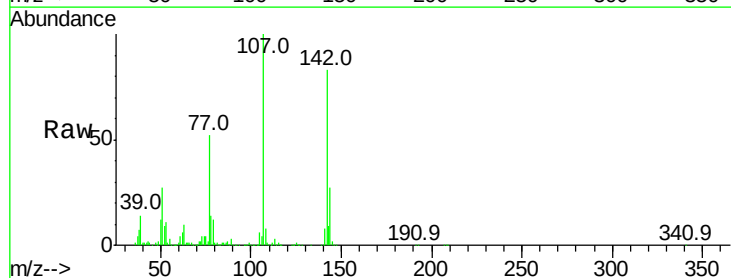
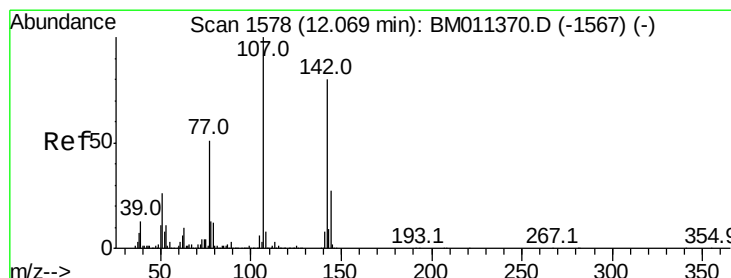
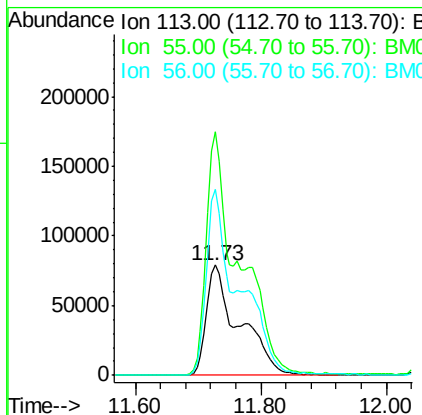
BNA_M

ClientSampleId :

TP-3-4-COMPMS

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 40.392 ng/ml

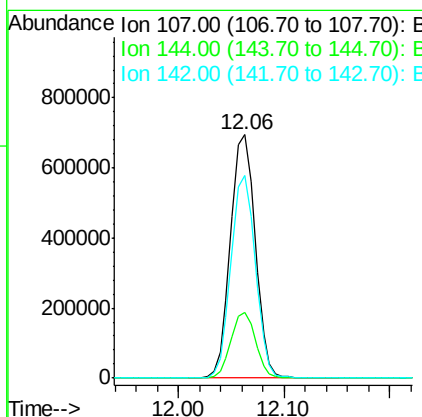
RT: 12.06 min Scan# 1577

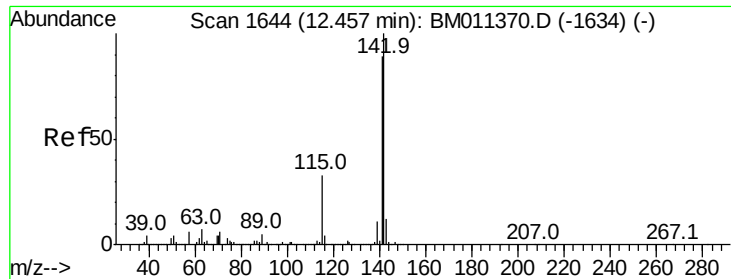
Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tgt Ion:	107	Resp:	1132918
Ion Ratio	Lower	Upper	
107	100		
144	26.9	23.3	34.9
142	83.3	72.6	109.0





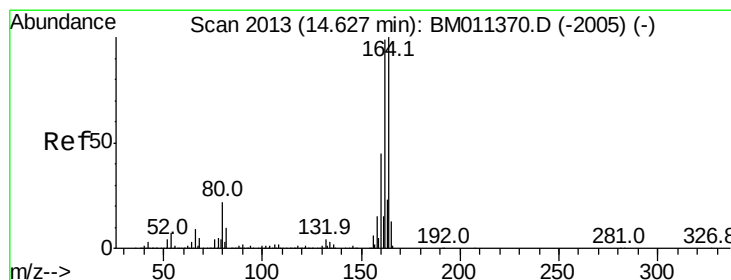
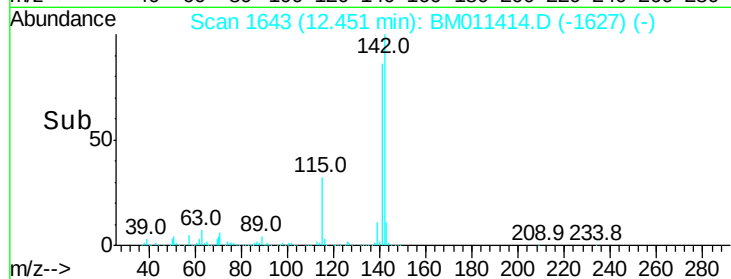
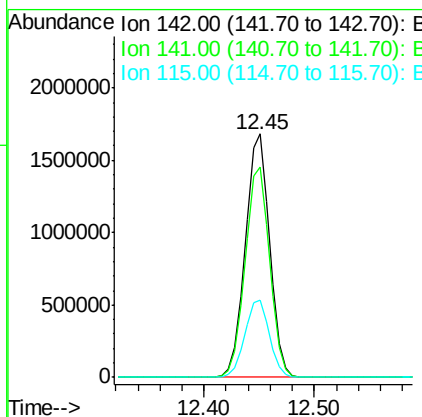
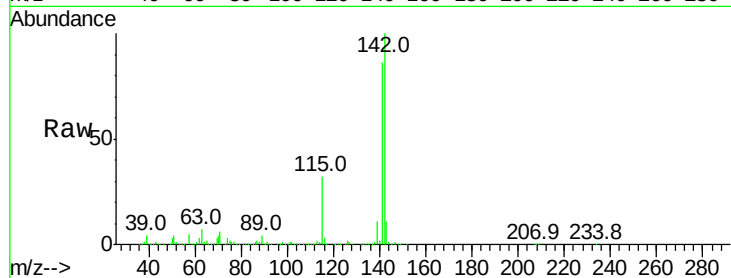
#37
 2-Methylnaphthalene
 Concen: 42.950 ng
 RT: 12.45 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.9	107.9
115	31.7	25.4	38.0

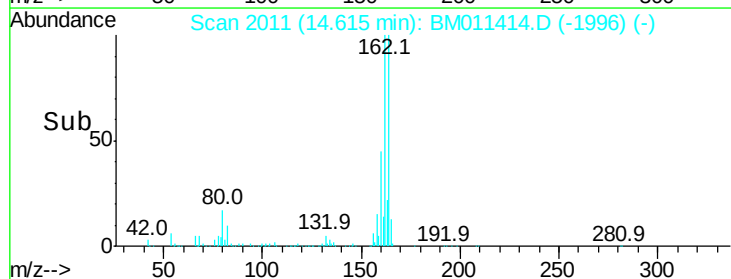
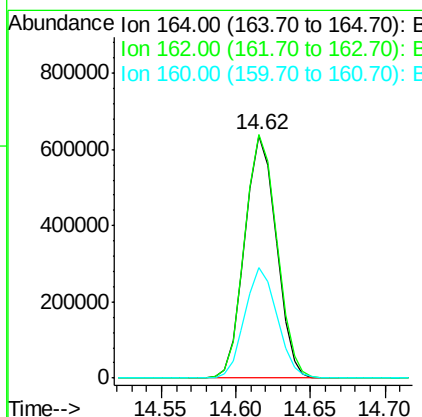
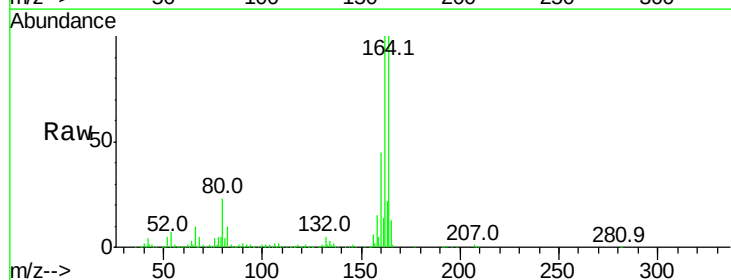
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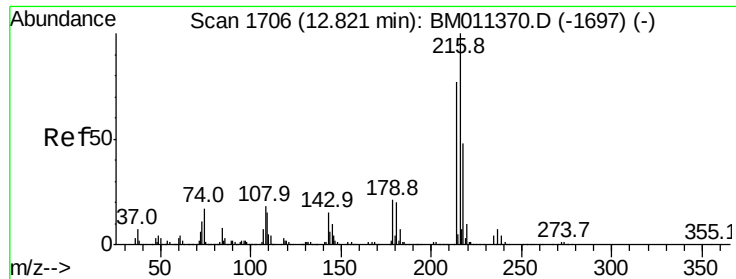
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	45.3	35.8	53.6





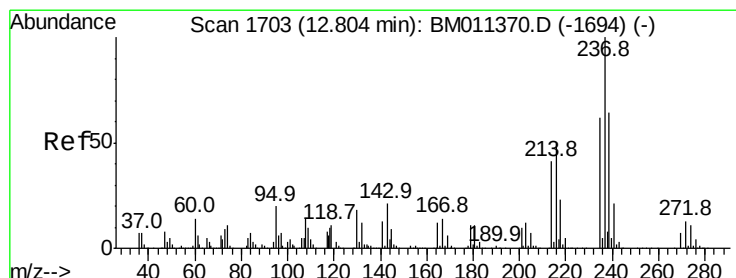
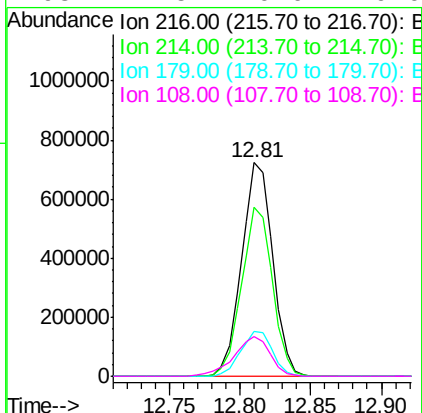
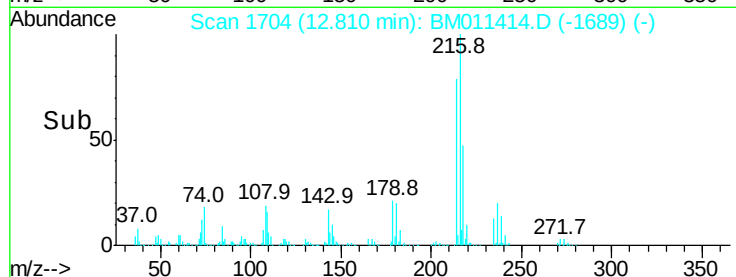
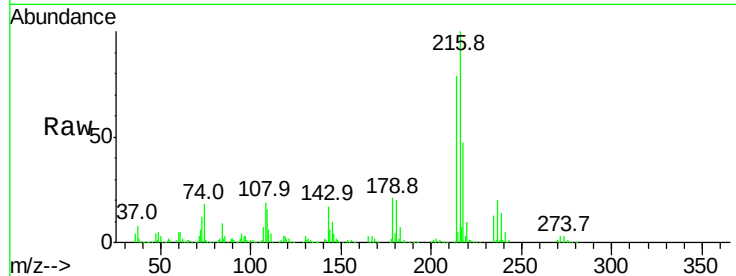
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.650 ng
 RT: 12.81 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	21.5	0.0	0.0#
108	21.5	0.0	0.0#

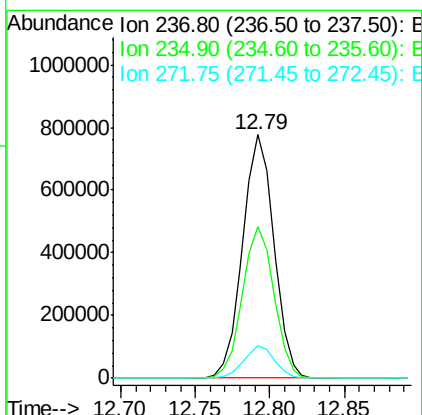
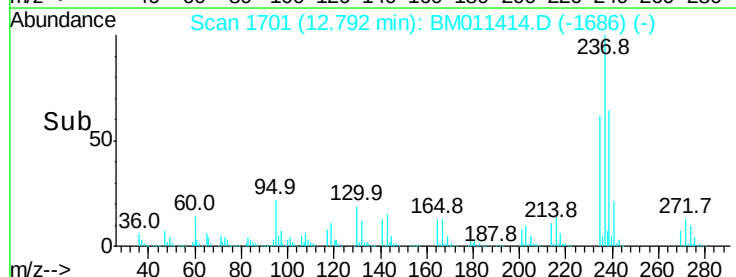
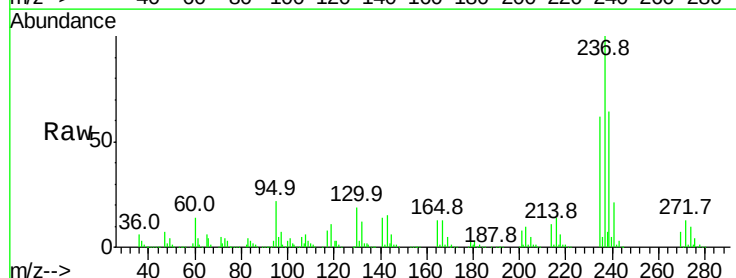
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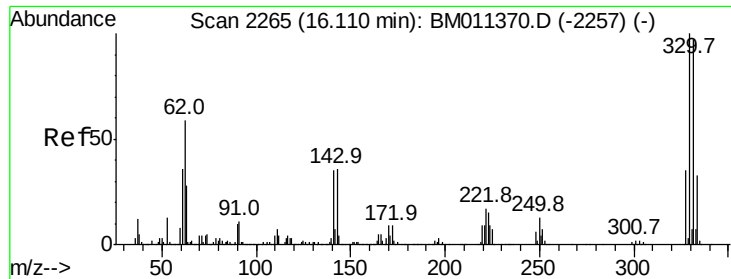
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#40
 Hexachlorocyclopentadiene
 Concen: 87.380 ng
 RT: 12.79 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	13.2	0.0	33.4





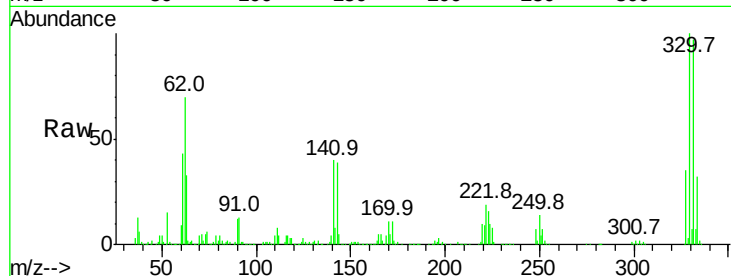
#41
 2,4,6-Tribromophenol
 Concen: 145.290 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

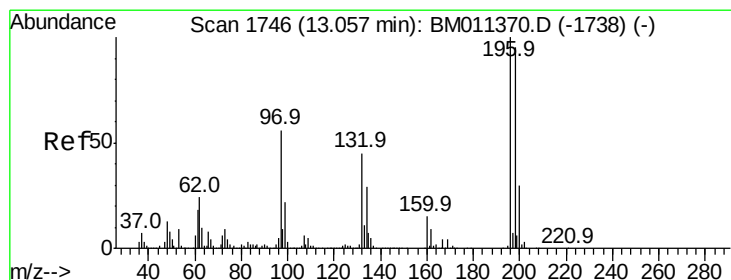
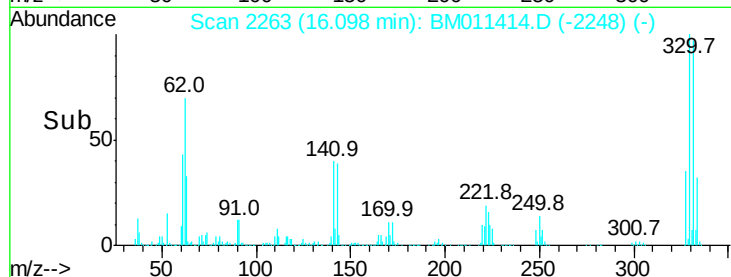
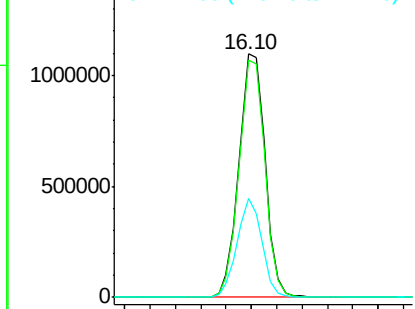
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	0.0	0.0	0.0
141	38.3	0.0	0.0	0.0

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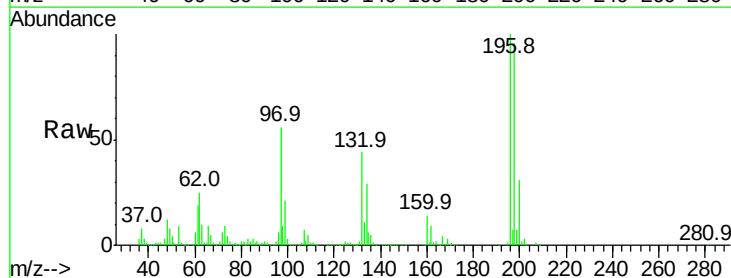


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

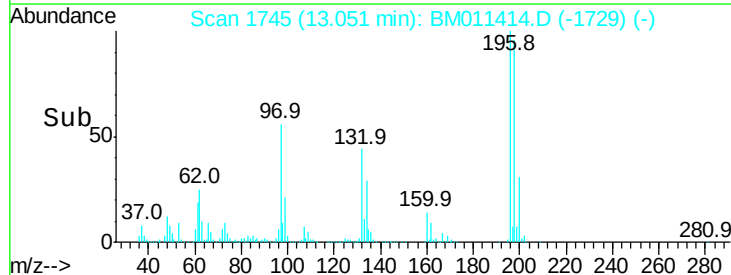
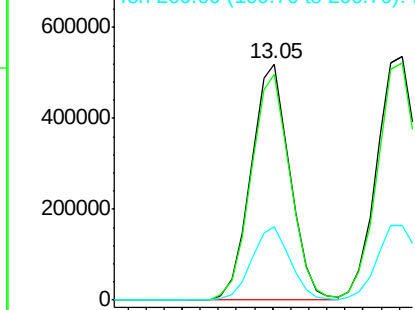


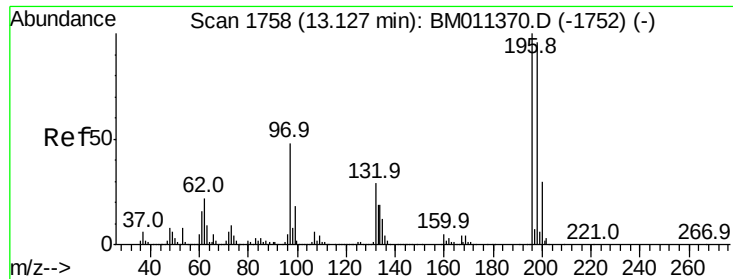
#42
 2,4,6-Trichlorophenol
 Concen: 41.446 ng
 RT: 13.05 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	76.3	114.5	
200	30.9	25.6	38.4	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





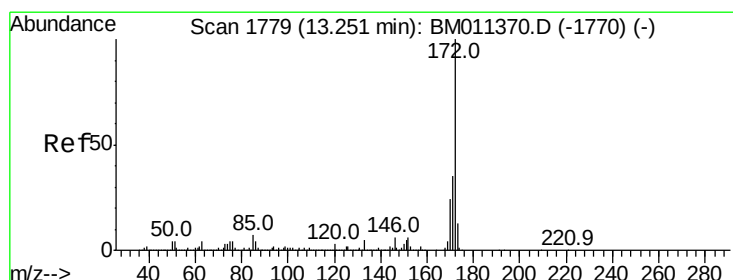
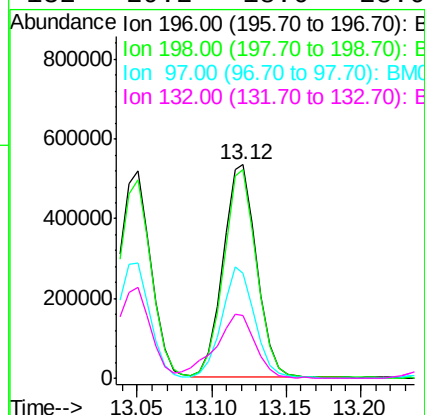
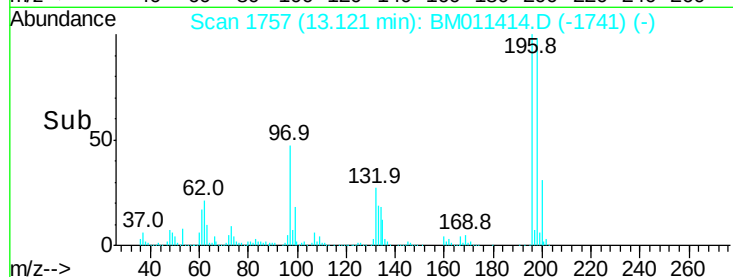
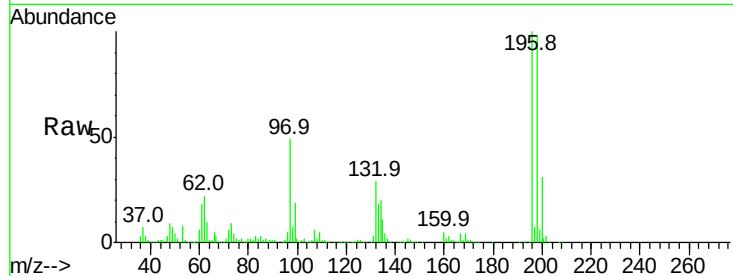
#43
 2,4,5-Trichlorophenol
 Concen: 44.569 ng
 RT: 13.12 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	196	Resp	842361
Ion Ratio	Lower	Upper	
196	100		
198	97.6	79.4	119.0
97	49.0	26.8	40.2#
132	29.2	18.6	28.0#

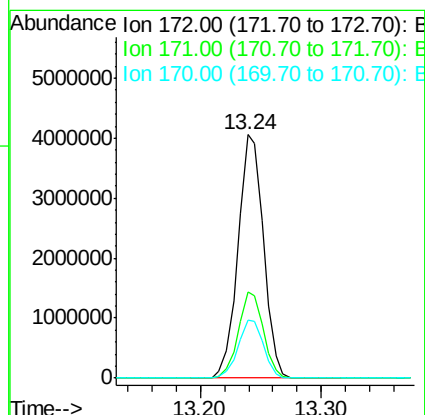
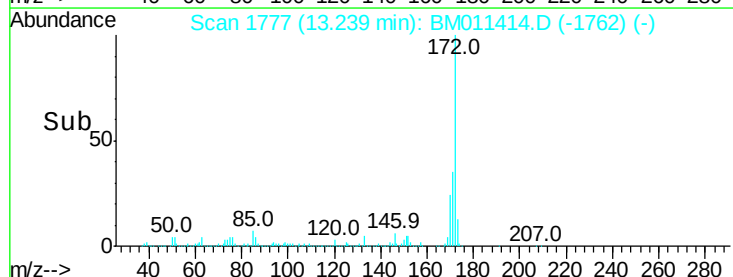
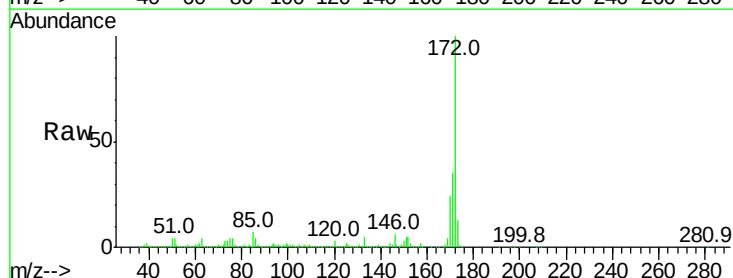
Manual Integrations
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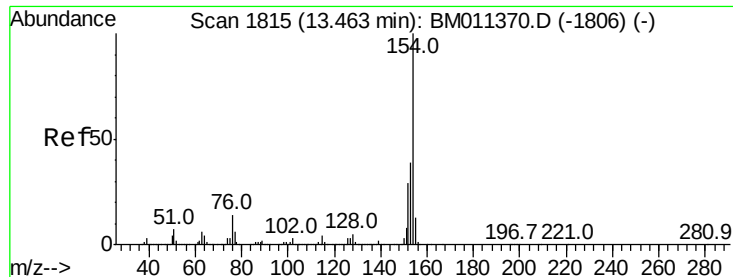
mohammad
 9/5/2017 4:58:37 PM



#44
 2-Fluorobiphenyl
 Concen: 91.797 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	172	Resp	5949320
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.5	42.7
170	24.0	18.8	28.2





#45

1,1'-Biphenyl

Concen: 39.411 ng

RT: 13.45 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:154 Resp: 3268643

Ion Ratio Lower Upper

154 100

153 38.7 20.7 60.7

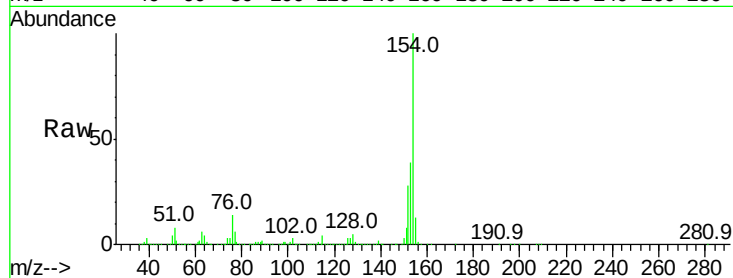
76 14.3 0.0 30.9

Manual Integrations

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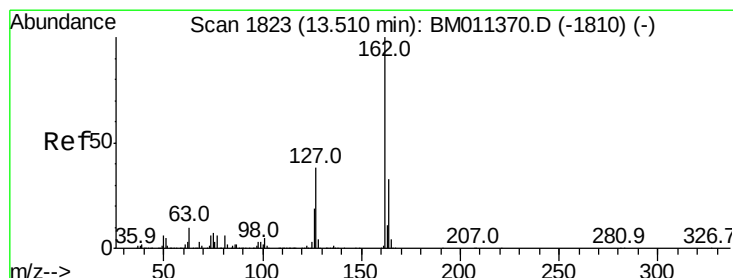
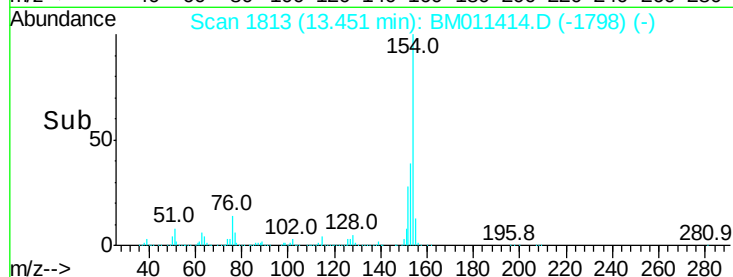
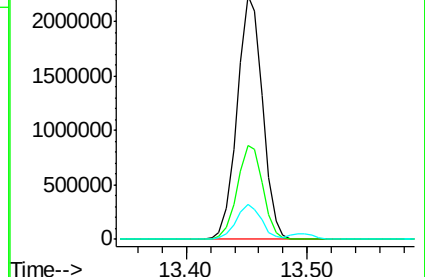
9/5/2017 4:58:37 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 39.944 ng

RT: 13.50 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

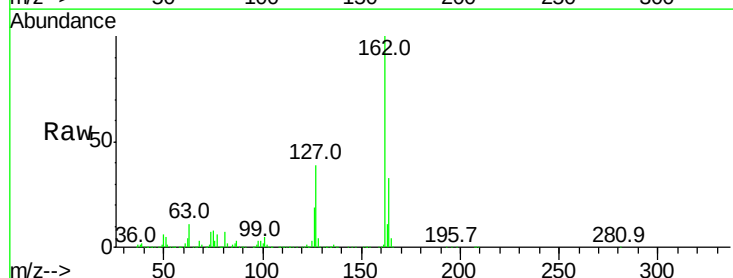
Tgt Ion:162 Resp: 2460951

Ion Ratio Lower Upper

162 100

127 39.0 26.9 40.3

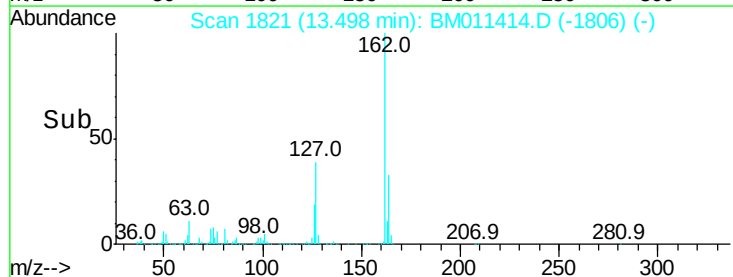
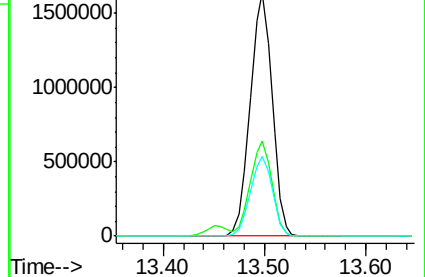
164 32.8 26.8 40.2

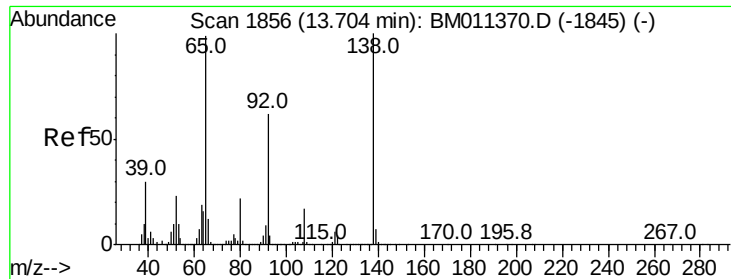


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





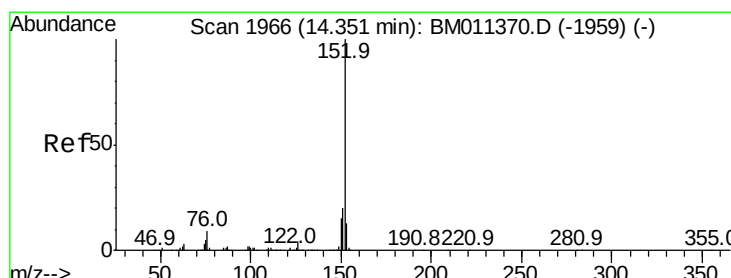
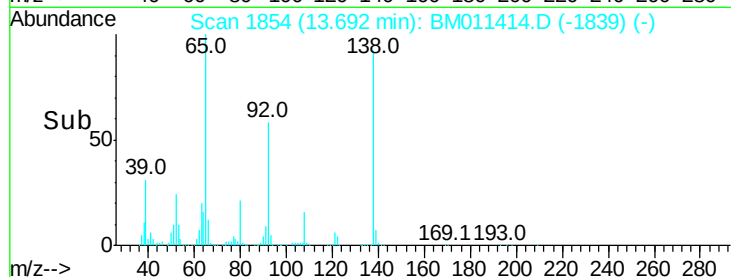
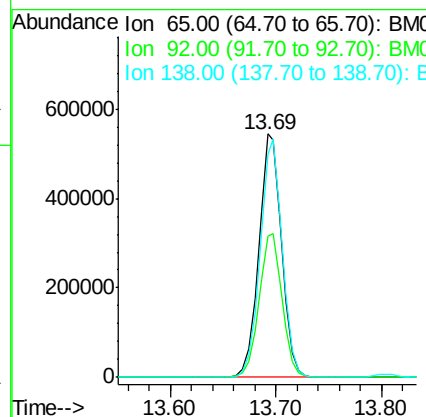
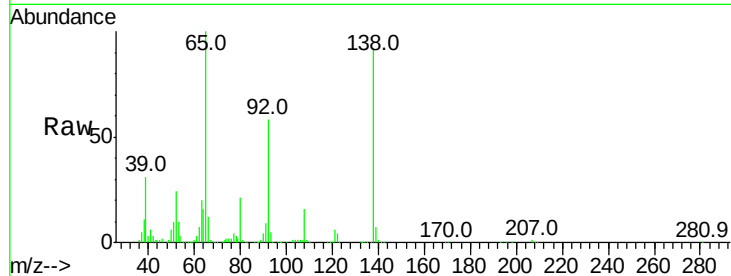
#47
2-Nitroaniline
Concen: 42.689 ng
RT: 13.69 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.9	59.1	88.7#
138	91.6	93.9	140.9#

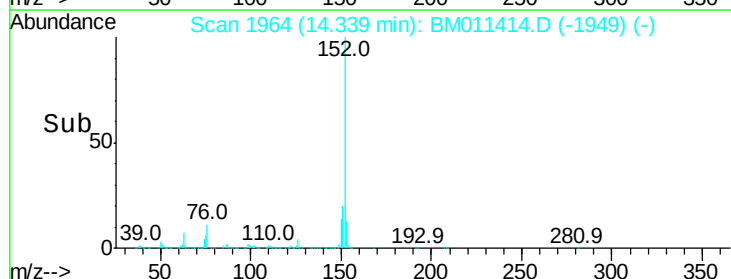
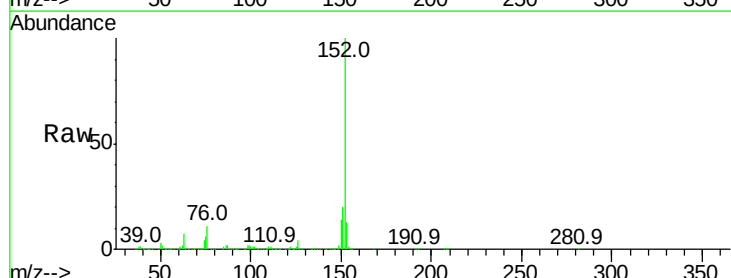
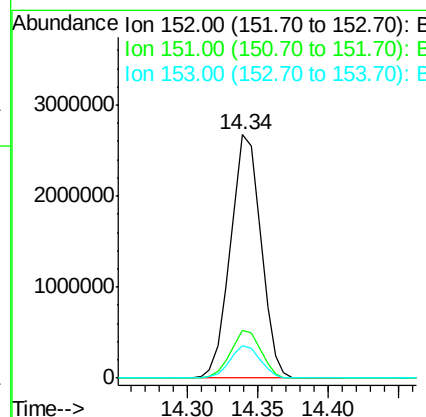
Manual Integrations
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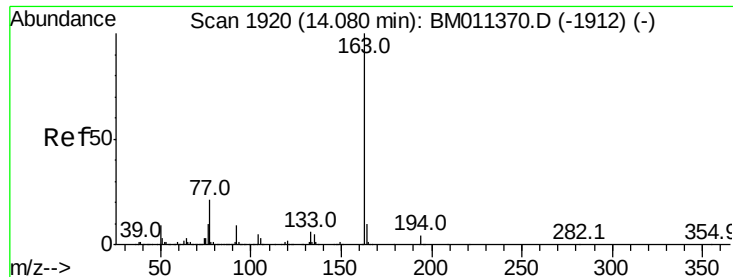
mohammad
9/5/2017 4:58:37 PM



#48
Acenaphthylene
Concen: 41.950 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.2	10.6	16.0





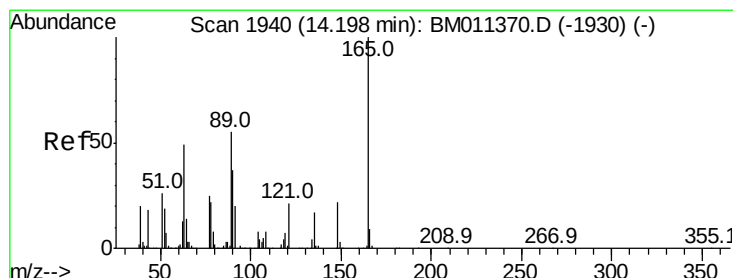
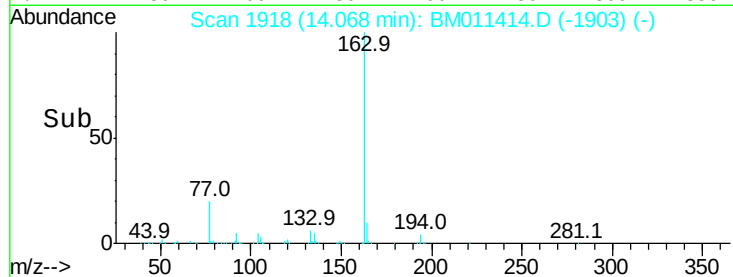
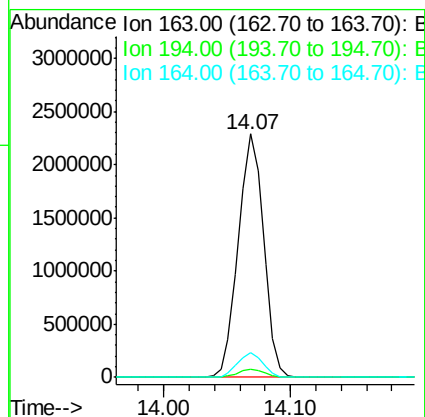
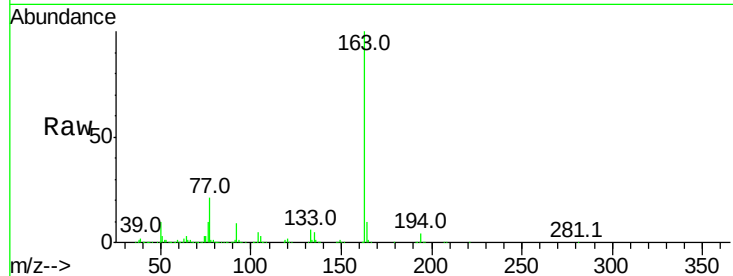
#49
Dimethylphthalate
Concen: 42.573 ng
RT: 14.07 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion:	163	Resp:	3160277
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

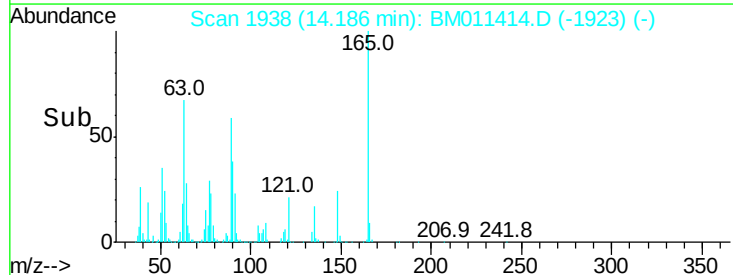
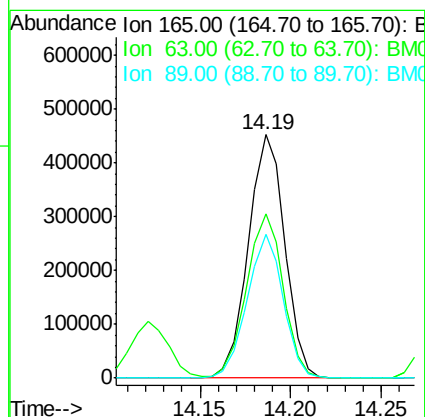
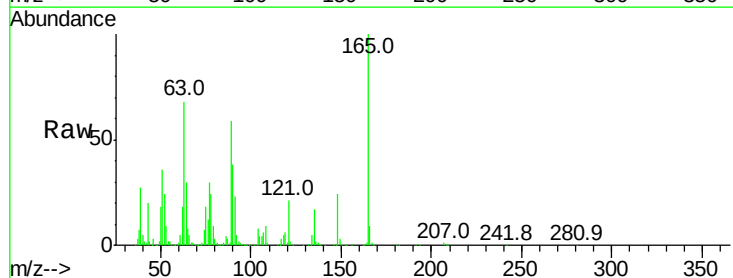
Manual Integrations
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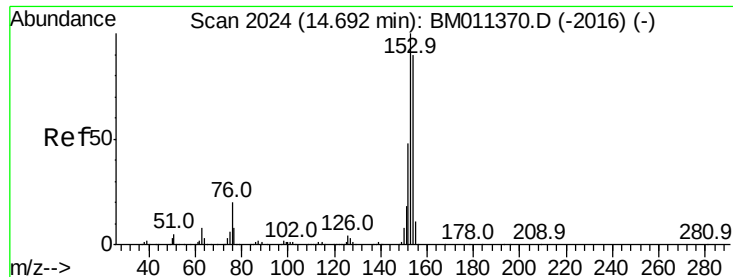
mohammad
9/5/2017 4:58:37 PM



#50
2,6-Dinitrotoluene
Concen: 45.038 ng
RT: 14.19 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion:	165	Resp:	633042
Ion	Ratio	Lower	Upper
165	100		
63	67.5	44.1	66.1#
89	59.0	44.3	66.5





#51

Acenaphthene

Concen: 41.398 ng

RT: 14.68 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:154 Resp: 2580586

Ion Ratio Lower Upper

154 100

153 111.2 90.0 135.0

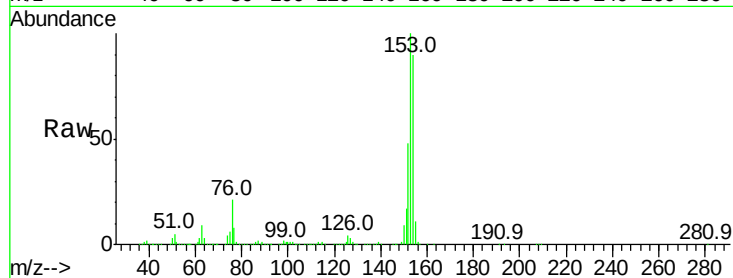
152 52.9 42.6 63.8

Manual Integrations

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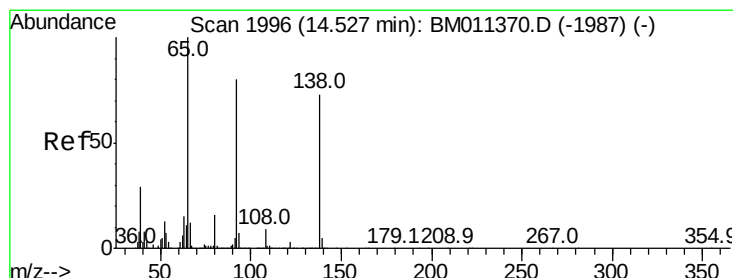
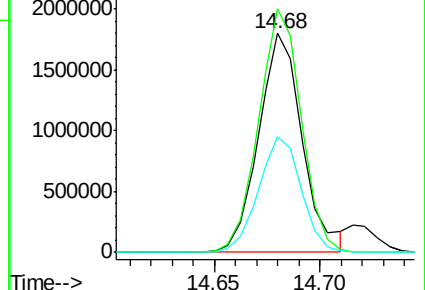
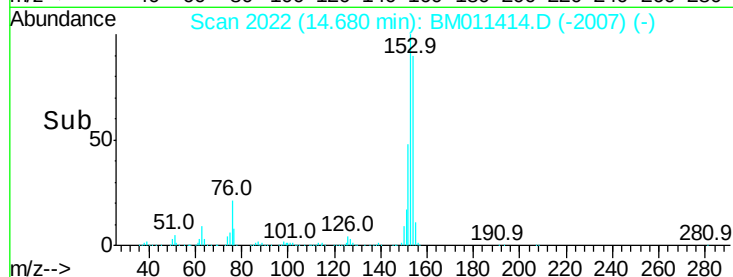
9/5/2017 4:58:37 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.020 ng

RT: 14.52 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

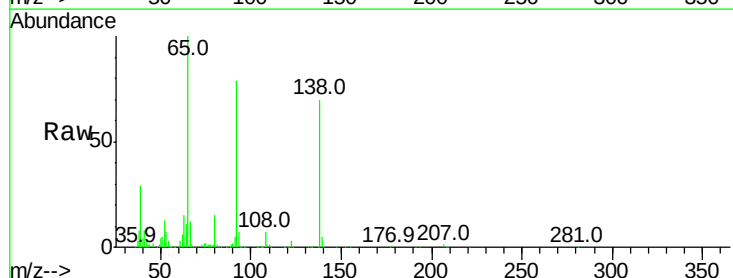
Tgt Ion:138 Resp: 621099

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

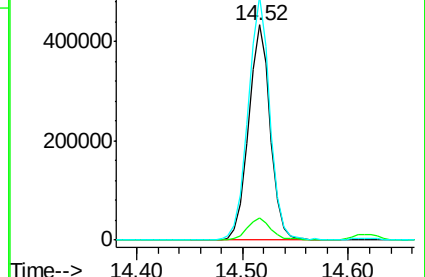
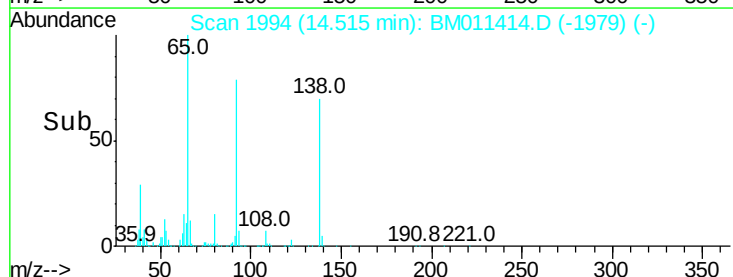
92 113.3 76.6 114.8

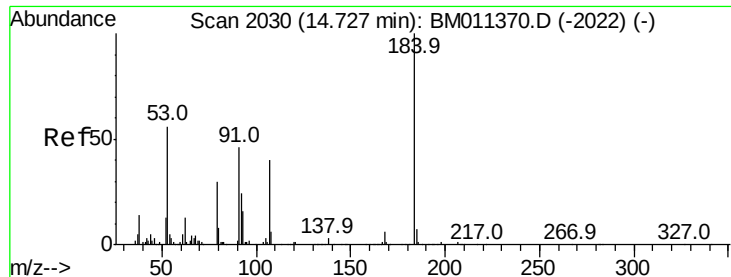


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





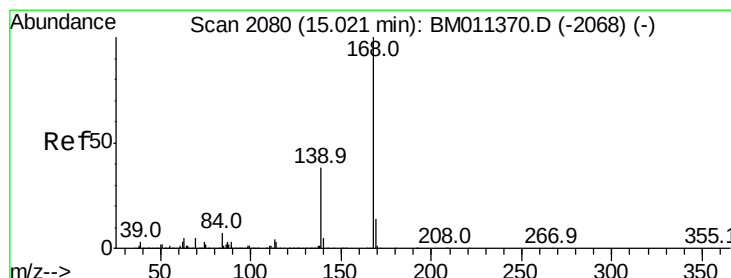
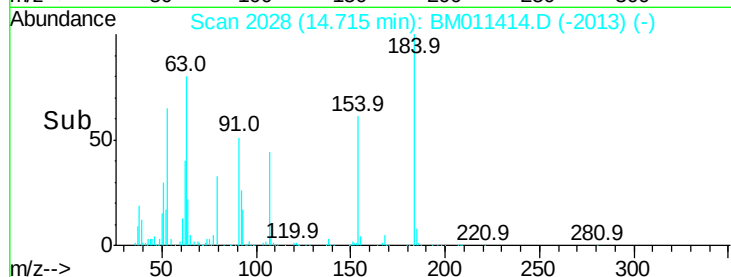
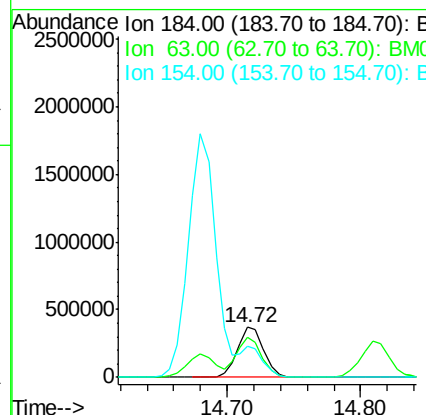
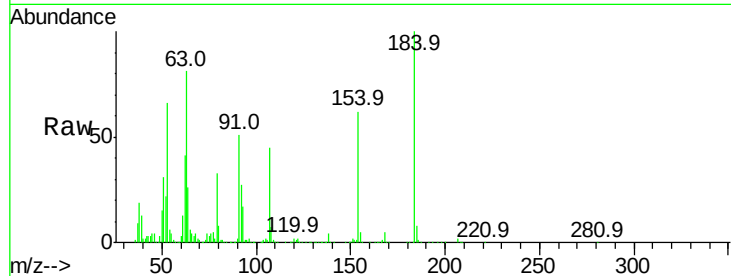
#53
2,4-Dinitrophenol
Concen: 81.363 ng
RT: 14.72 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	515449		
63	80.8	69.2	103.8	
154	61.7	53.3	79.9	

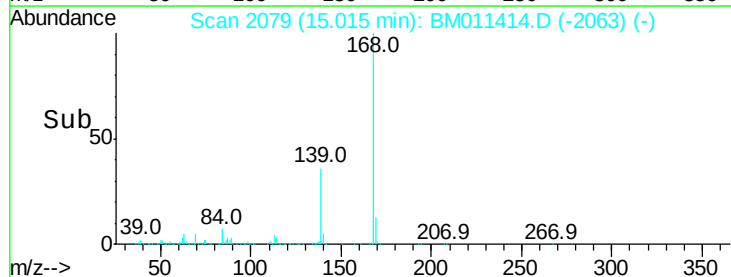
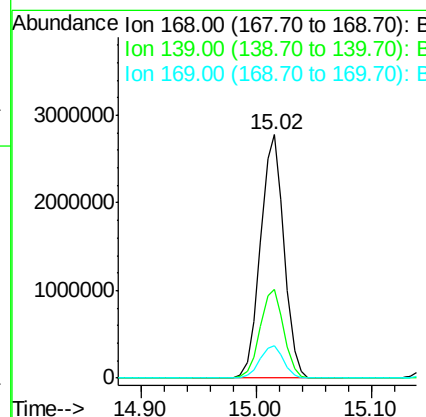
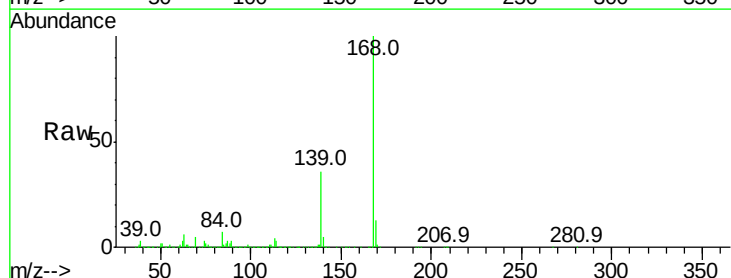
Manual Integrations
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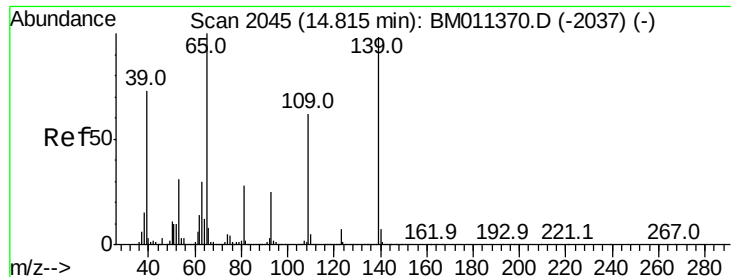
mohammad
9/5/2017 4:58:37 PM



#54
Dibenzofuran
Concen: 45.777 ng
RT: 15.02 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3934737		
139	36.4	27.3	40.9	
169	13.3	10.6	16.0	





#55

4-Nitrophenol

Concen: 88.895 ng

RT: 14.82 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:139 Resp: 1263026

Ion Ratio Lower Upper

139 100

109 63.5 130.0 170.0#

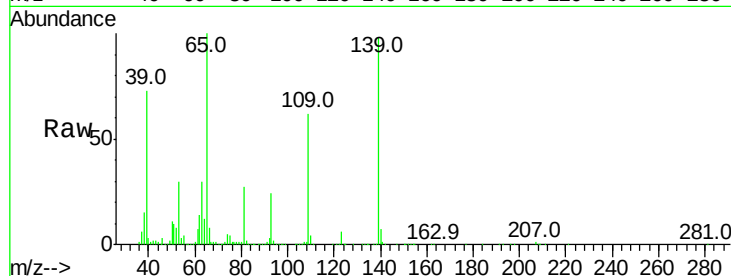
65 102.6 130.0 170.0#

Manual Integrations

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mohammad

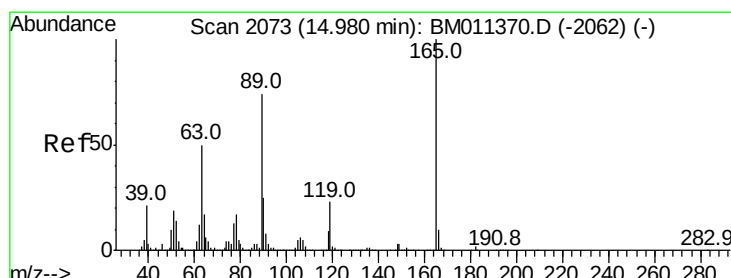
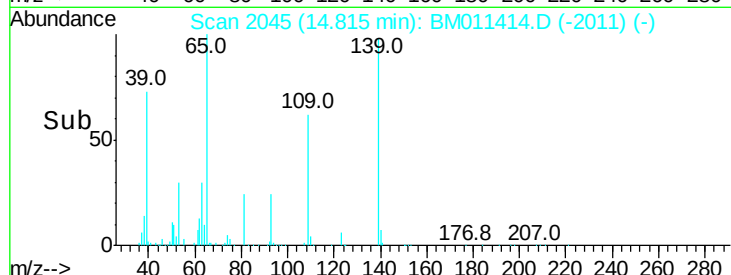
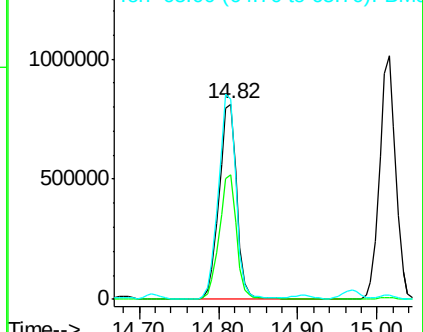
9/5/2017 4:58:37 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 44.841 ng

RT: 14.97 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Tgt Ion:165 Resp: 882674

Ion Ratio Lower Upper

165 100

63 53.8 52.4 78.6

89 74.8 72.4 108.6

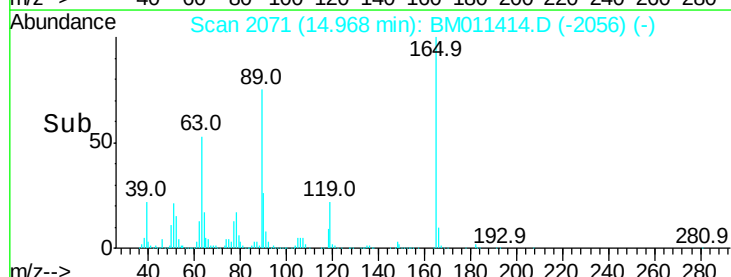
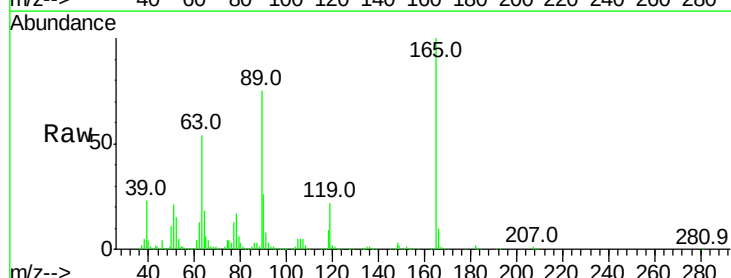
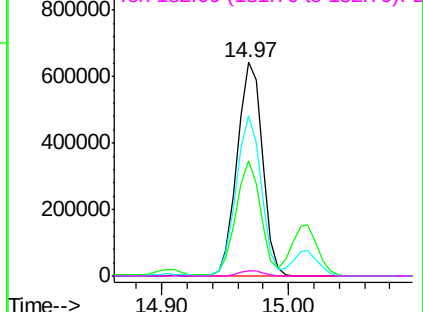
182 2.3 2.0 3.0

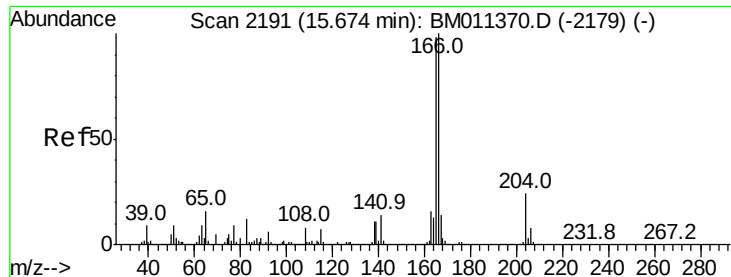
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





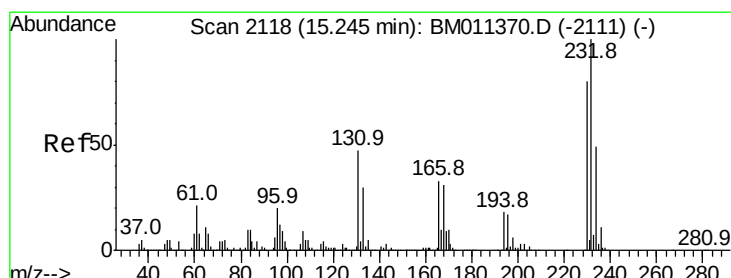
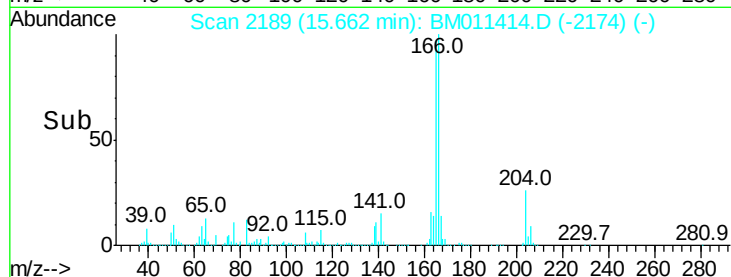
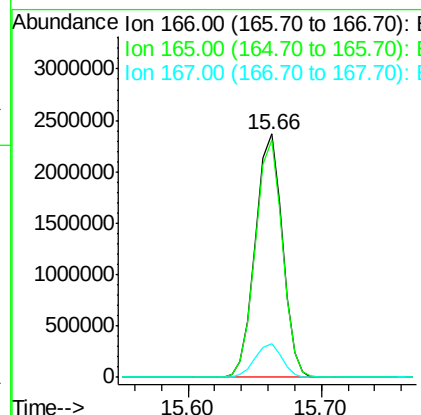
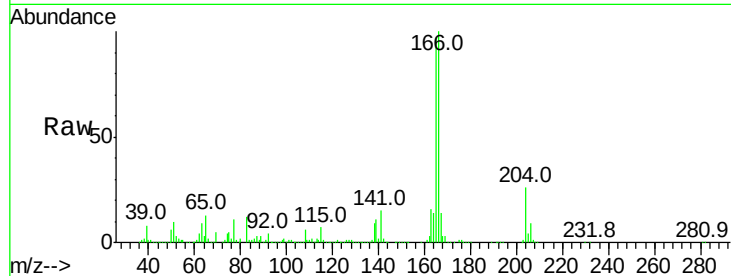
#57
 Fluorene
 Concen: 44.042 ng
 RT: 15.66 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.0	118.4
167	13.6	10.3	15.5

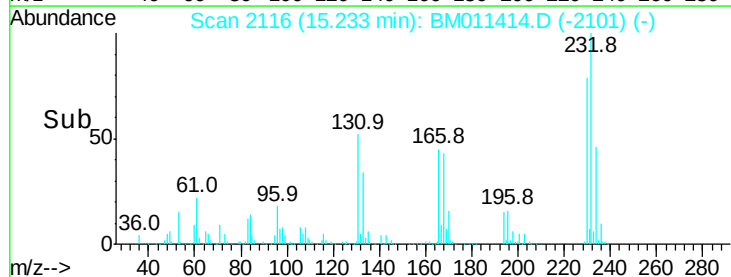
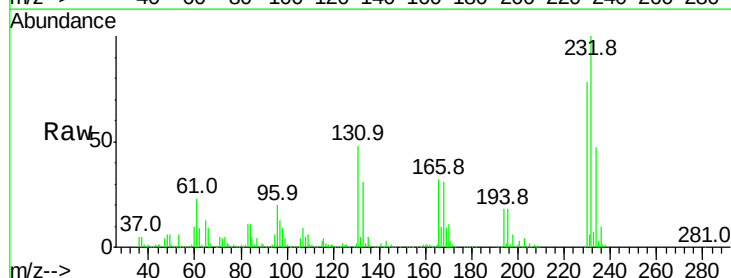
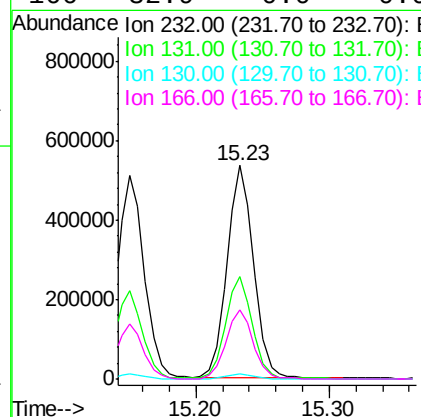
Manual Integrations
 APPROVED

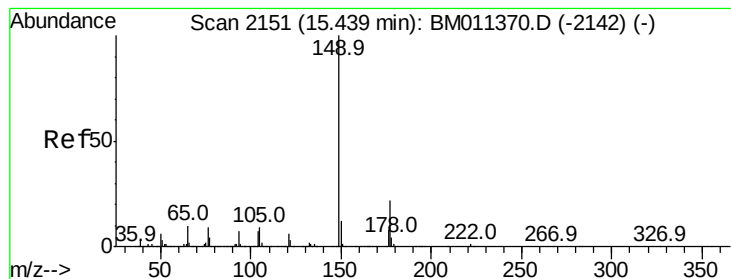
mohammad
 9/5/2017 4:58:37 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.764 ng
 RT: 15.23 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.2	0.0	0.0#
130	2.3	0.0	0.0#
166	32.9	0.0	0.0#





#59

Diethylphthalate

Concen: 43.053 ng

RT: 15.43 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:149 Resp: 3292866

Ion Ratio Lower Upper

149 100

177 21.4 18.3 27.5

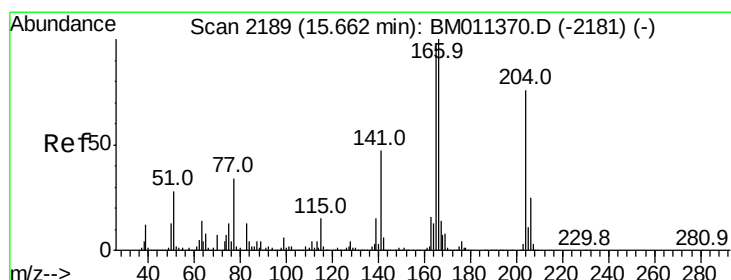
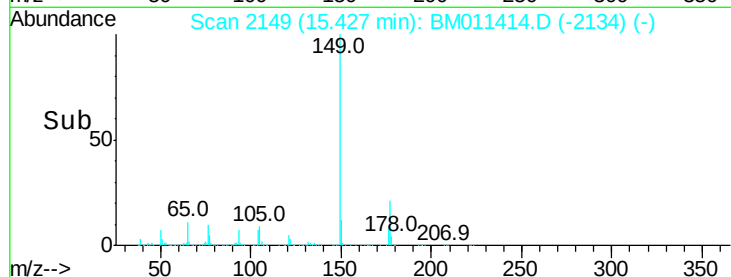
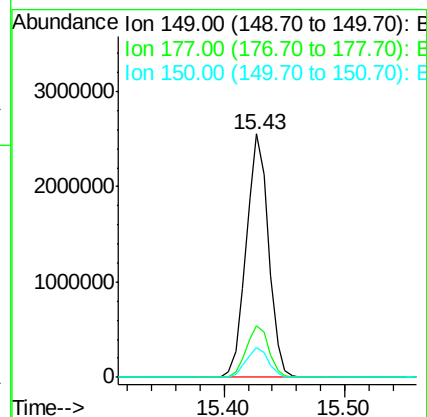
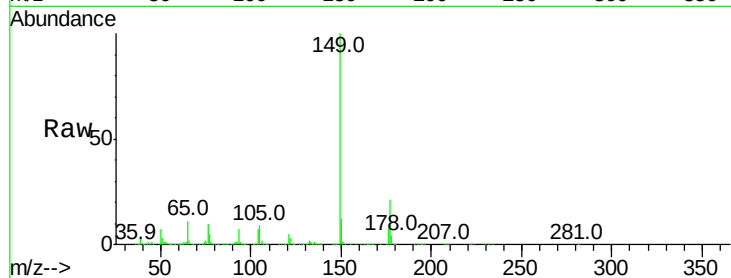
150 12.4 9.8 14.8

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#60

4-Chlorophenyl-phenylether

Concen: 43.597 ng

RT: 15.65 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

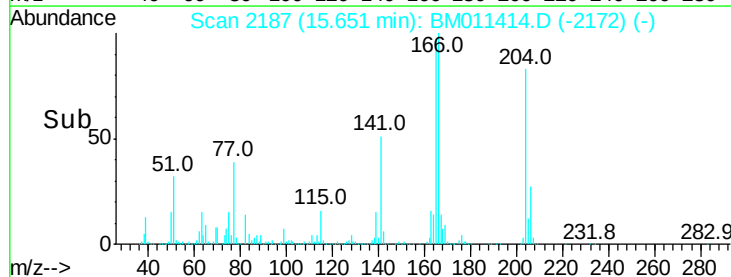
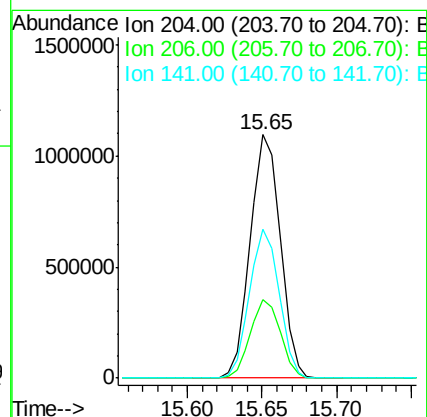
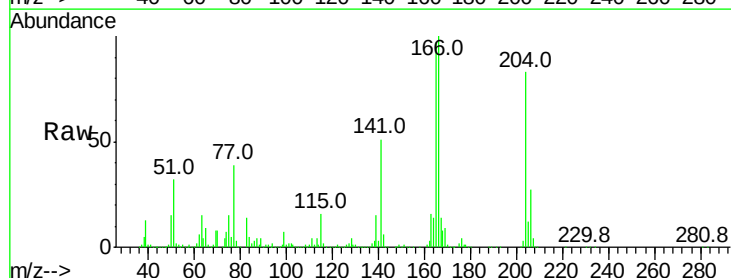
Tgt Ion:204 Resp: 1523872

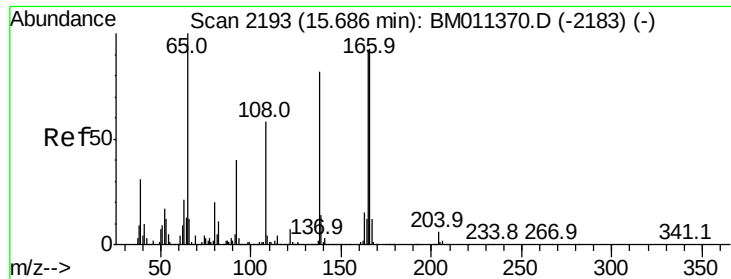
Ion Ratio Lower Upper

204 100

206 32.0 26.6 39.8

141 61.0 45.2 67.8





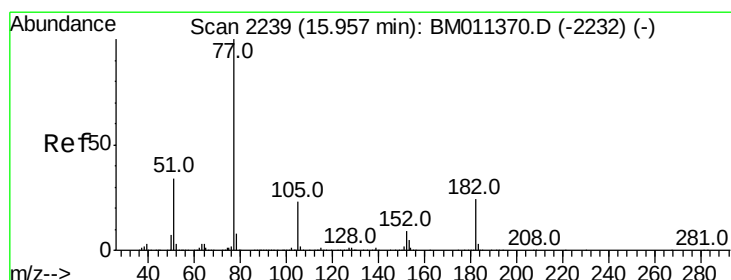
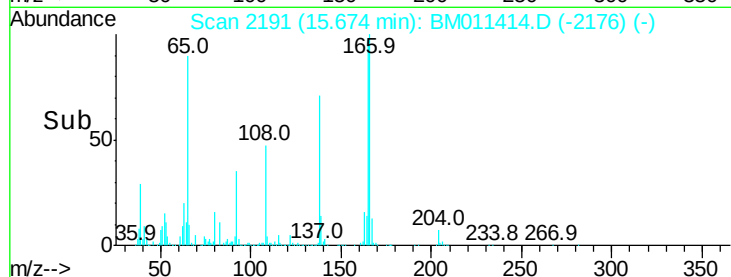
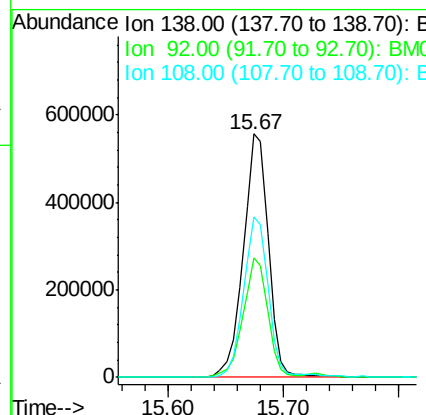
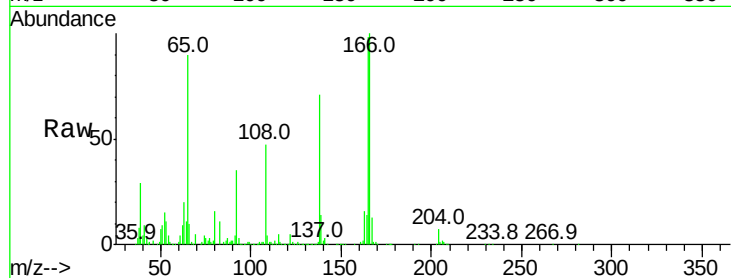
#61
4-Nitroaniline
Concen: 44.115 ng
RT: 15.67 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	16.7	56.7
108	65.9	37.6	77.6

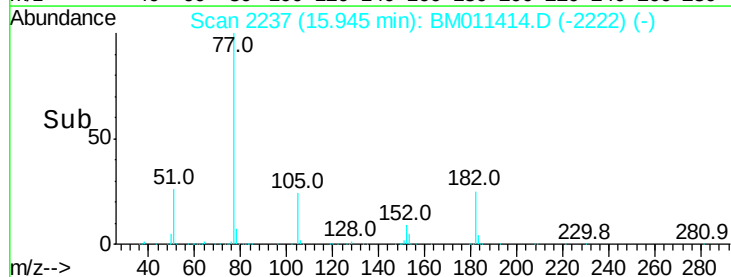
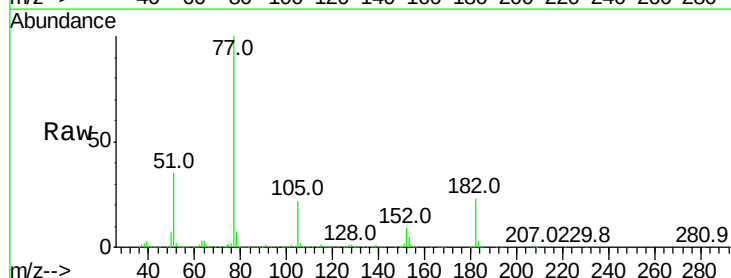
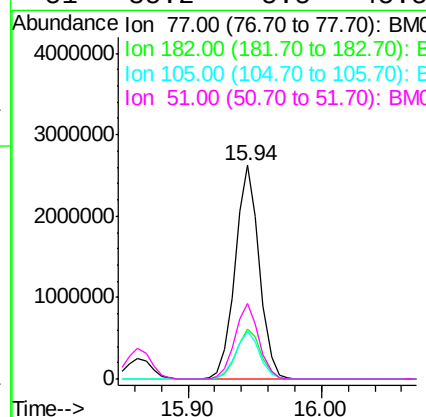
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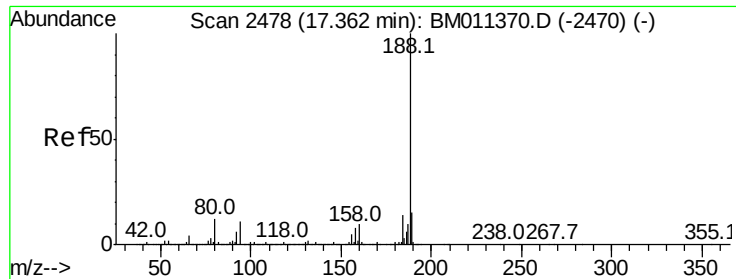
mohammad
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#62
Azobenzene
Concen: 47.874 ng
RT: 15.94 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	6.5	46.5
105	22.5	3.8	43.8
51	35.2	5.5	45.5





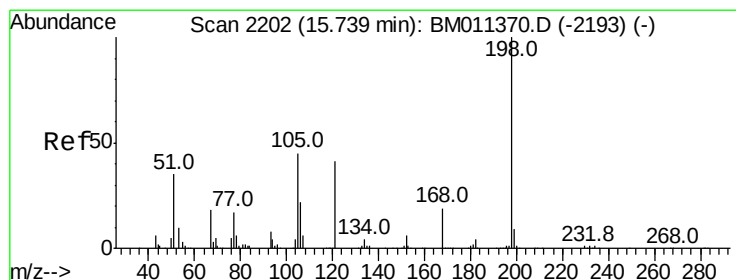
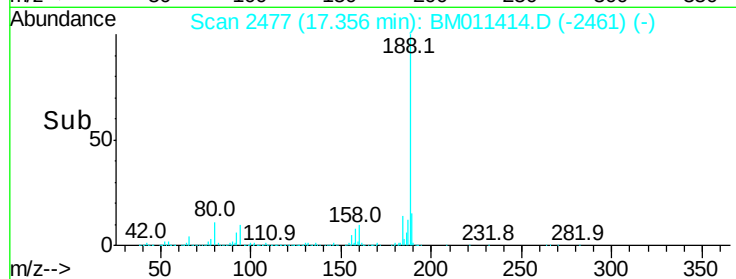
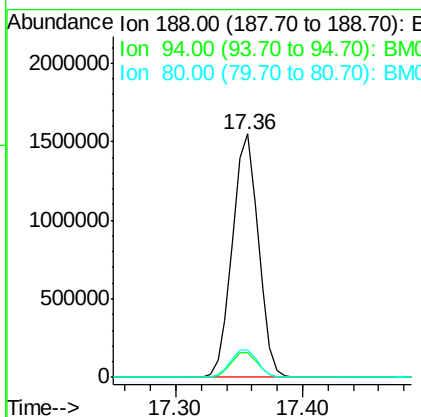
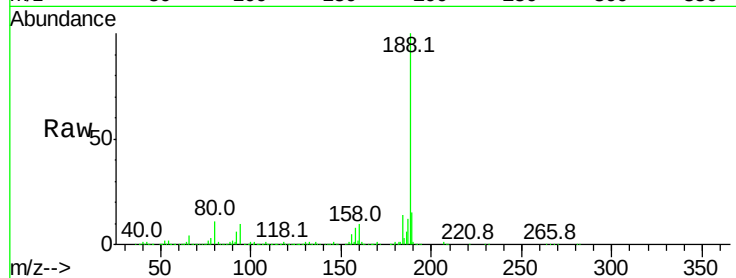
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	2190338		
94	10.4		8.7	13.1
80	11.5		9.3	13.9

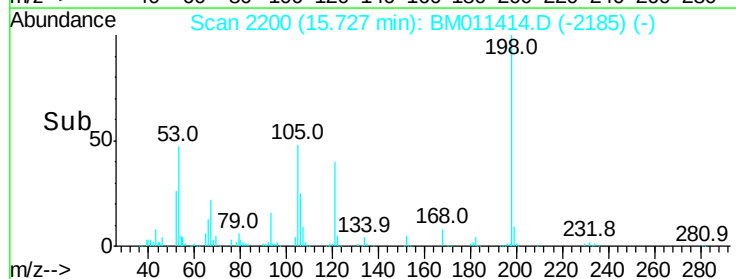
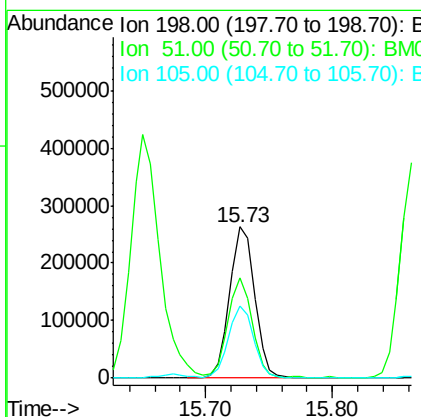
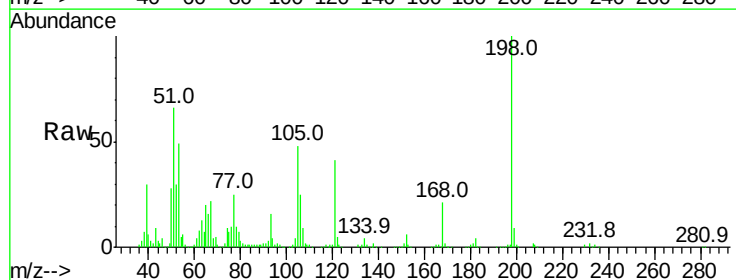
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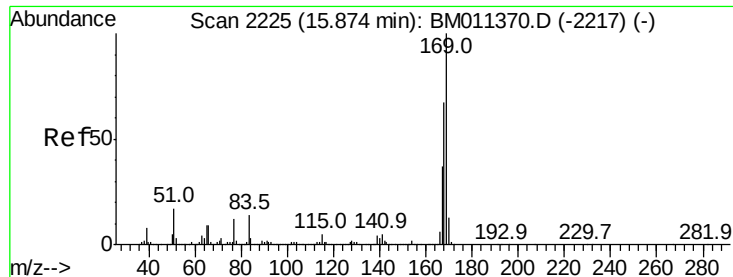
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.593 ng
RT: 15.73 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	359168		
51	66.1		28.8	68.8
105	47.8		30.5	70.5





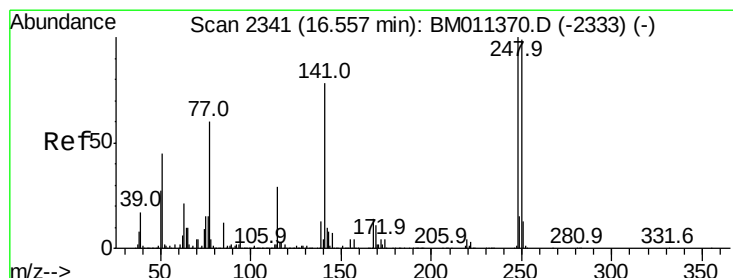
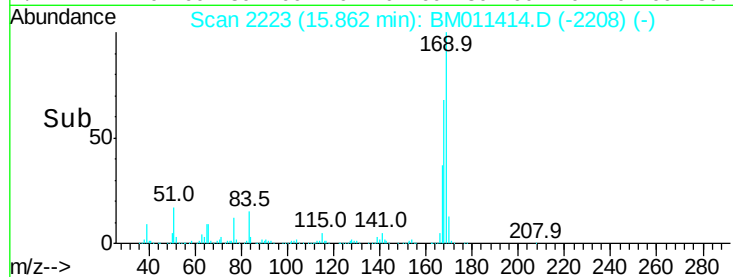
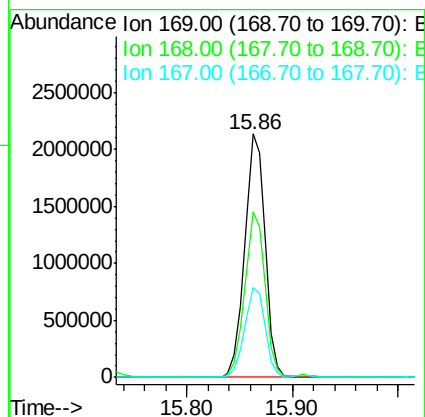
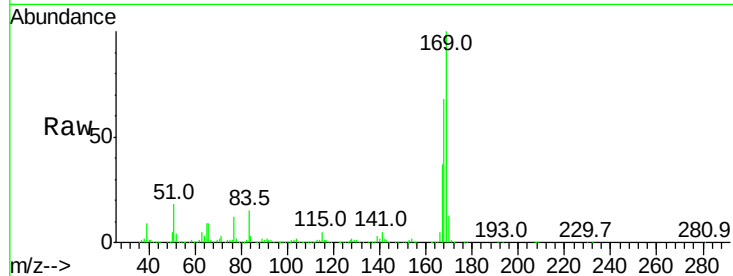
#65
n-Nitrosodiphenylamine
Concen: 41.040 ng
RT: 15.86 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.9	80.9
167	37.1	28.9	43.3

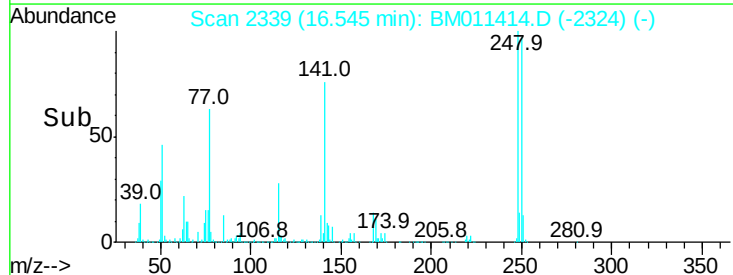
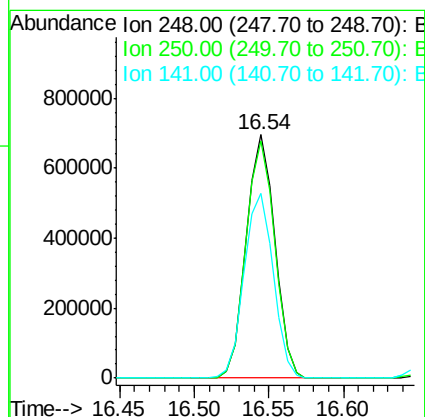
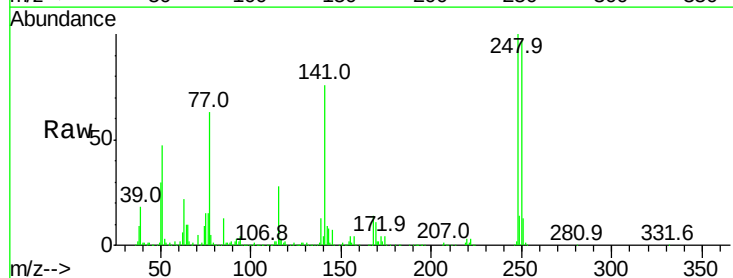
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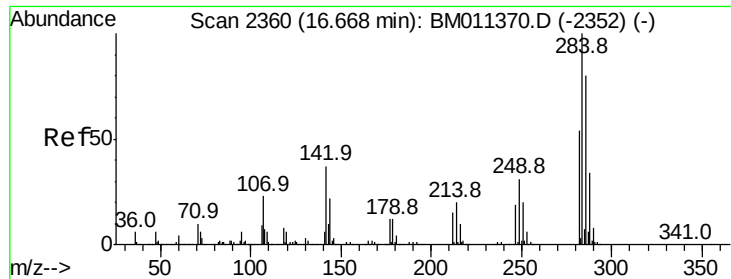
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#66
4-Bromophenyl-phenylether
Concen: 40.081 ng
RT: 16.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.0
141	76.1	45.2	67.8#





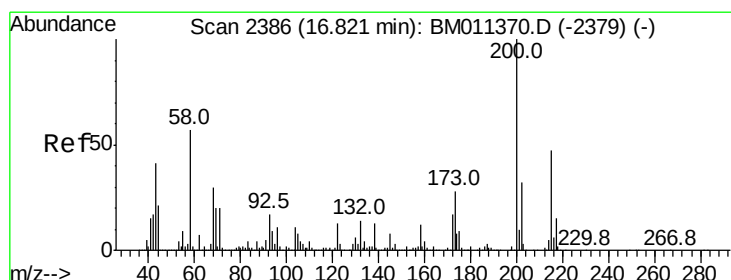
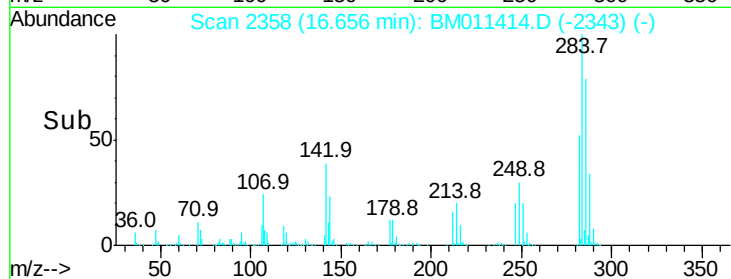
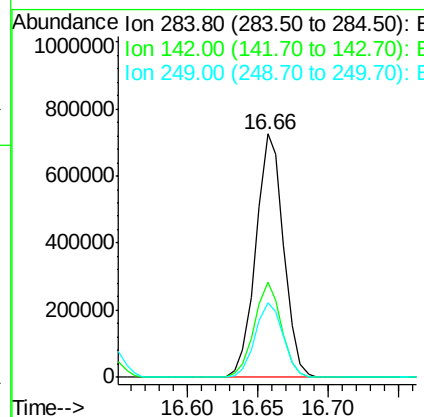
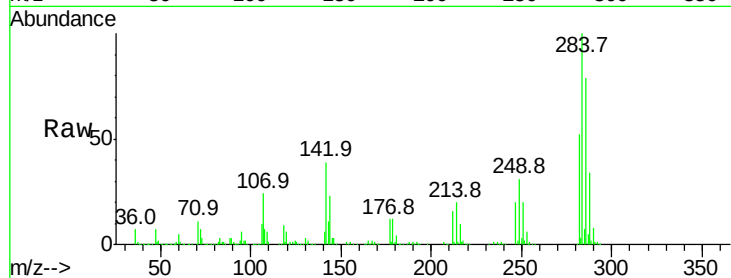
#67
Hexachlorobenzene
Concen: 37.063 ng
RT: 16.66 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.8	20.4	30.6
249	30.5	23.8	35.6

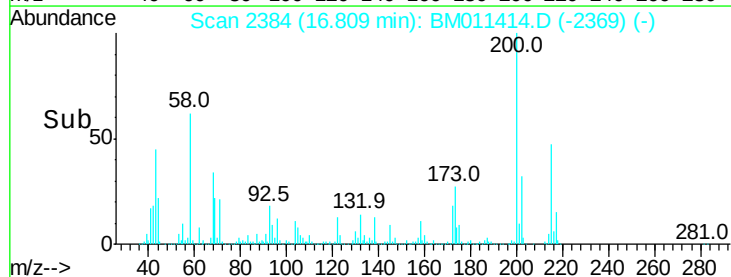
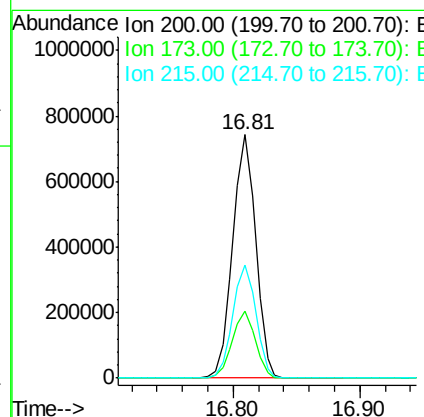
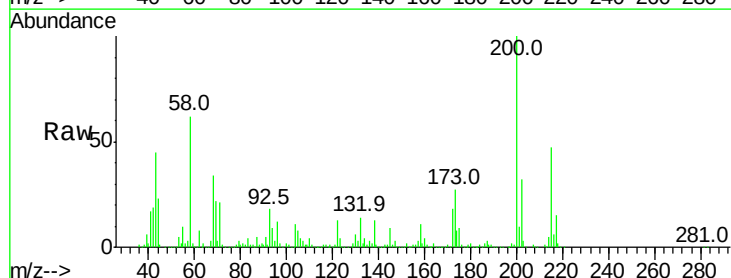
Manual Integrations
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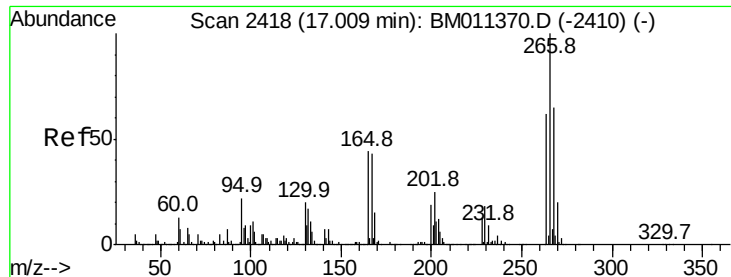
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#68
Atrazine
Concen: 46.037 ng
RT: 16.81 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	4.8	44.8
215	46.5	26.9	66.9





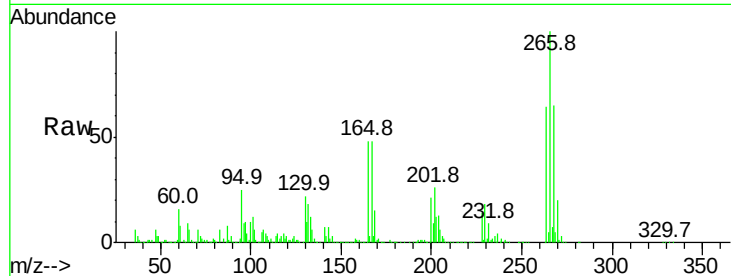
#69
 Pentachlorophenol
 Concen: 85.691 ng
 RT: 17.00 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.0	78.0
264	64.0	49.0	73.4

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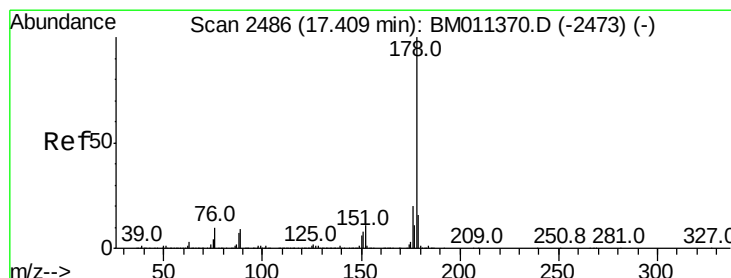
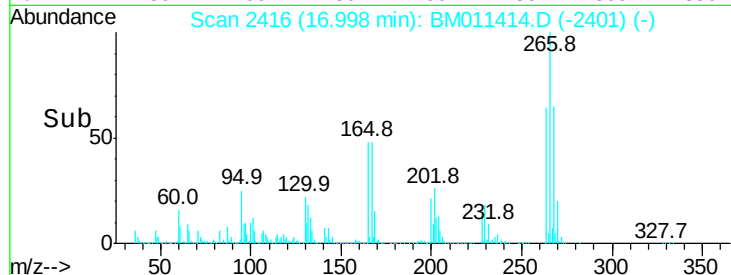
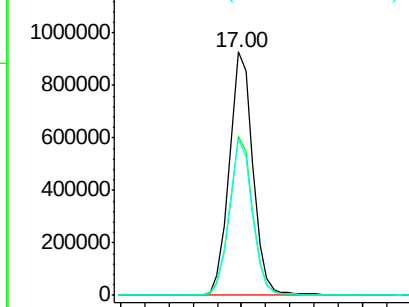


Abundance

Ion 265.70 (265.40 to 266.40): E

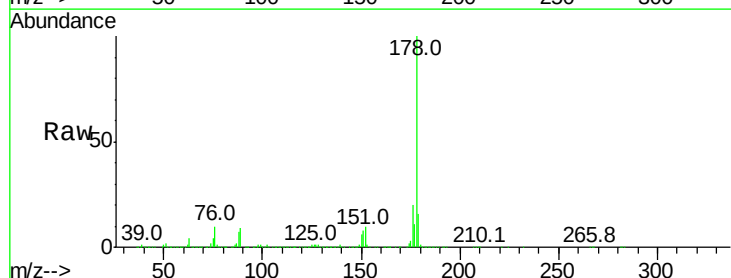
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.983 ng
 RT: 17.40 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.7	12.1	18.1

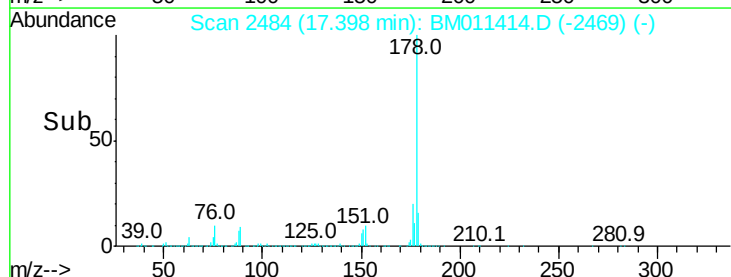
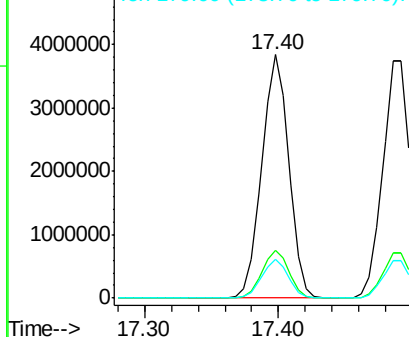


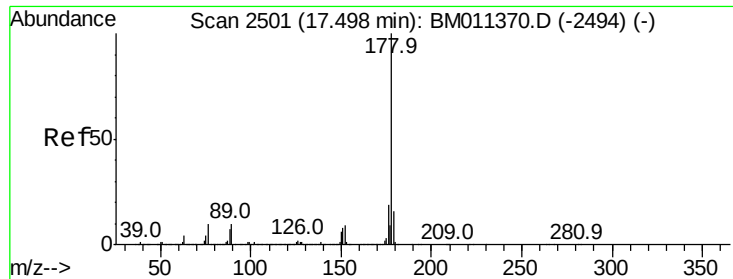
Abundance

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





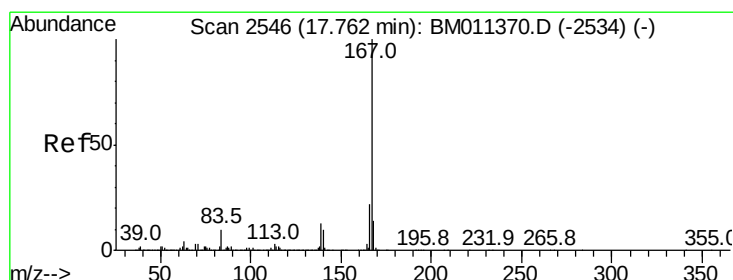
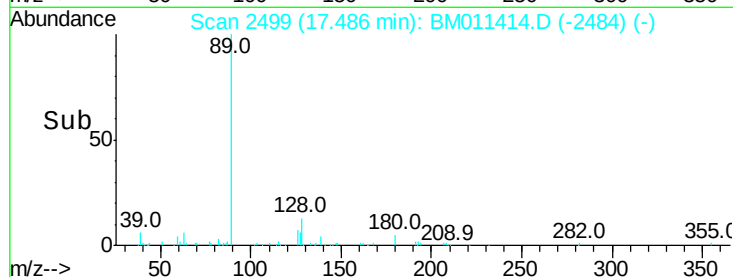
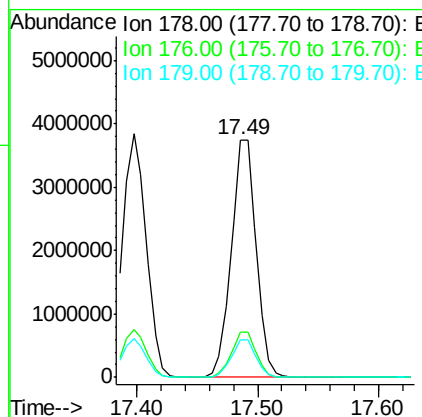
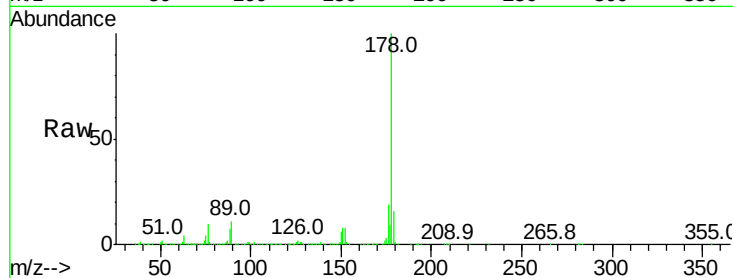
#71
 Anthracene
 Concen: 43.861 ng
 RT: 17.49 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	16.0	12.6	19.0

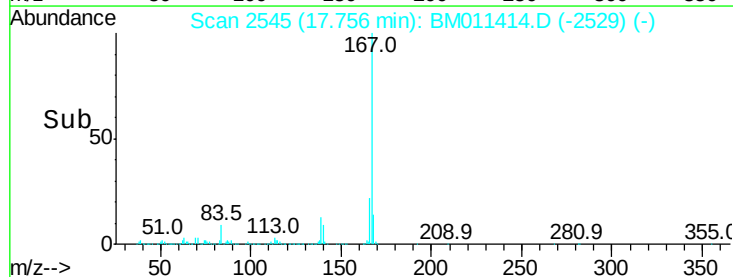
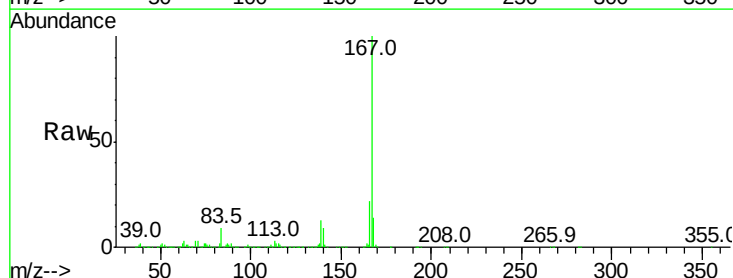
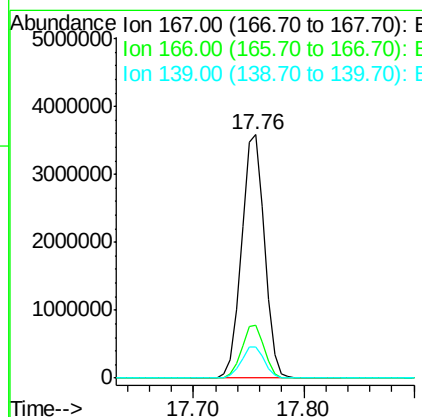
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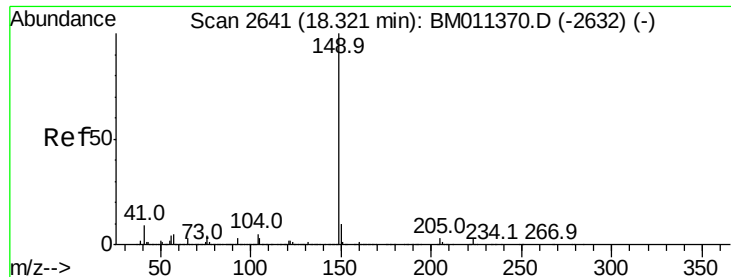
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#72
 Carbazole
 Concen: 44.228 ng
 RT: 17.76 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.5	10.8	16.2





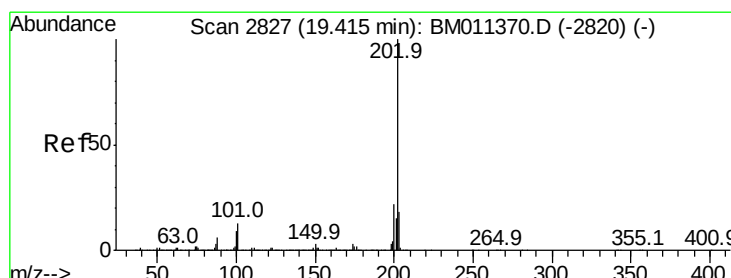
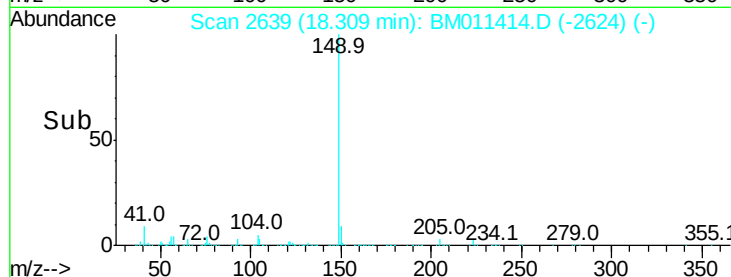
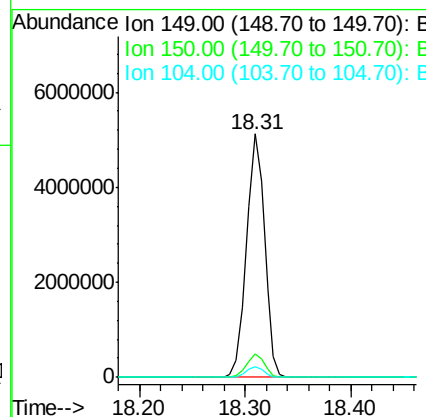
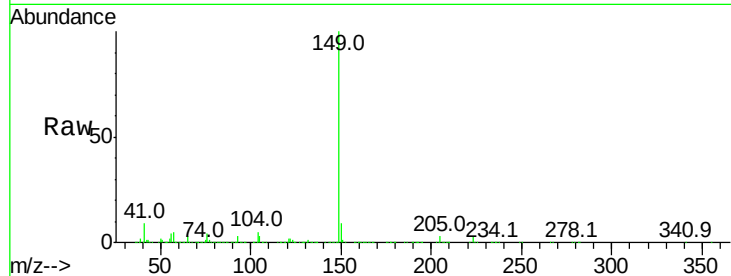
#73
Di-n-butylphthalate
Concen: 44.102 ng
RT: 18.31 min Scan# 2639
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.7	5.5

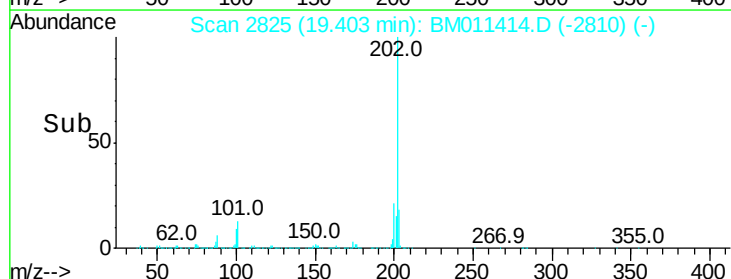
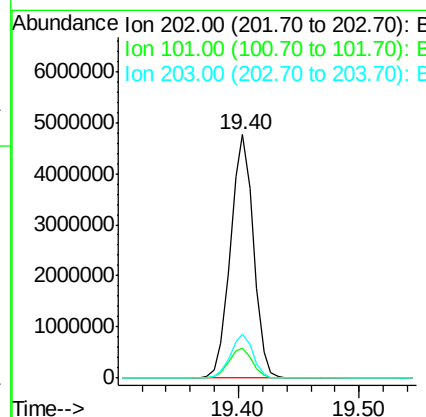
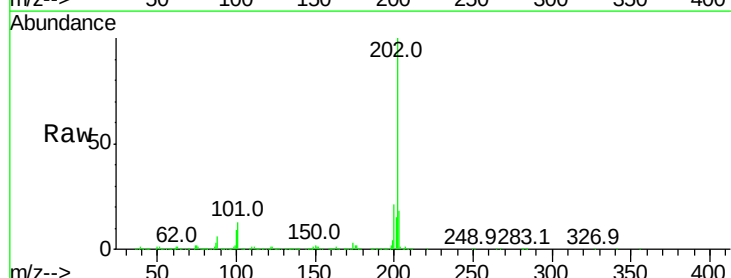
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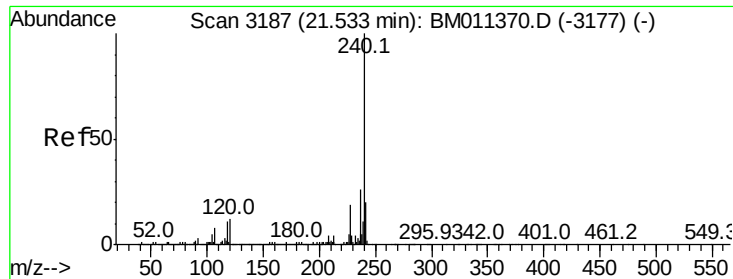
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#74
Fluoranthene
Concen: 44.954 ng
RT: 19.40 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	28.7
203	18.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:240 Resp: 2816797

Ion Ratio Lower Upper

240 100

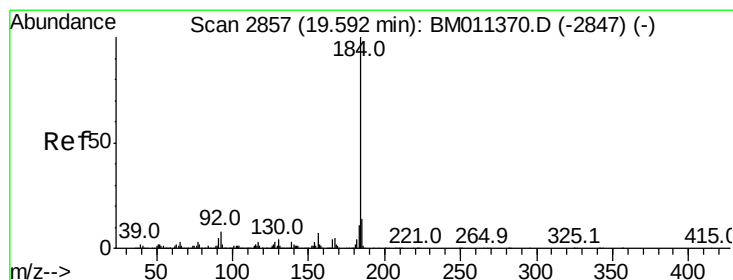
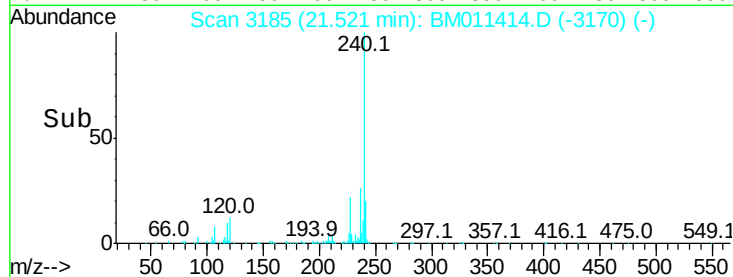
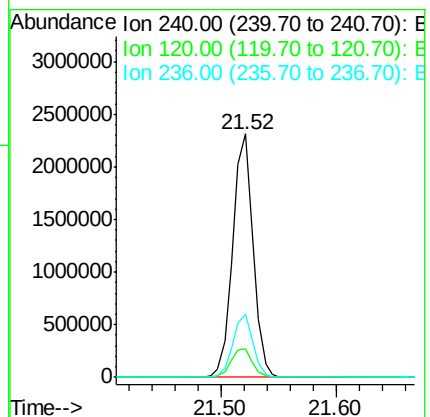
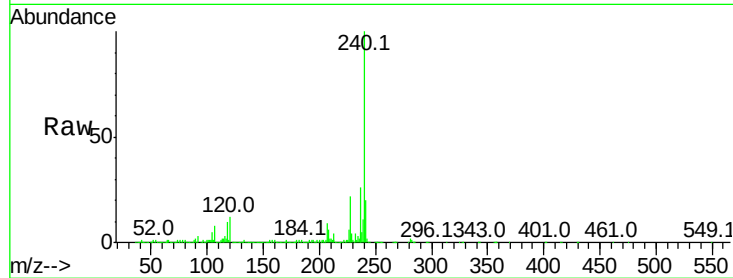
120 11.7 8.2 12.2

236 25.7 20.0 30.0

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#76

Benzidine

Concen: 25.807 ng

RT: 19.58 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

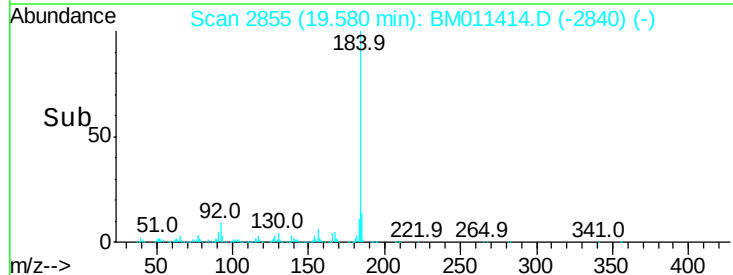
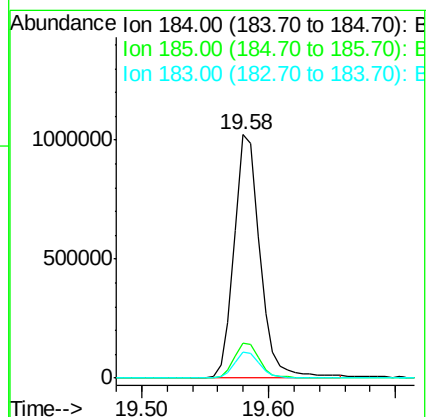
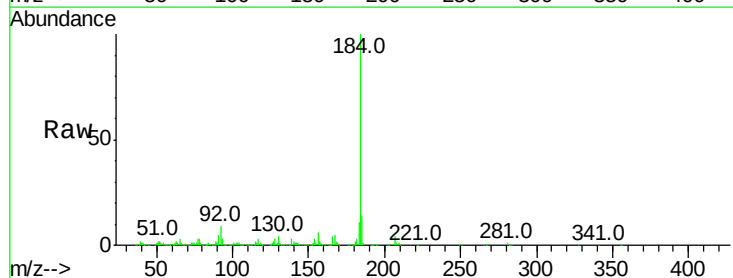
Tgt Ion:184 Resp: 1434728

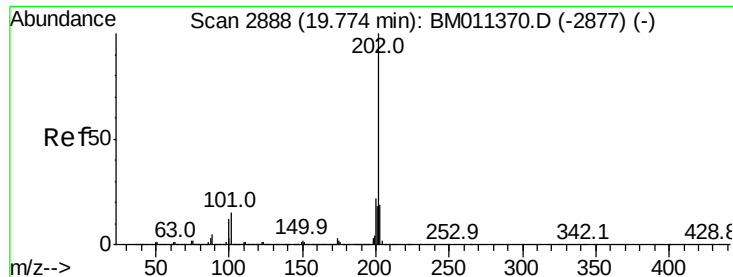
Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 10.8 8.9 13.3





#77

Pvrene

Concen: 38.626 ng

RT: 19.77 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:202 Resp: 6667128

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

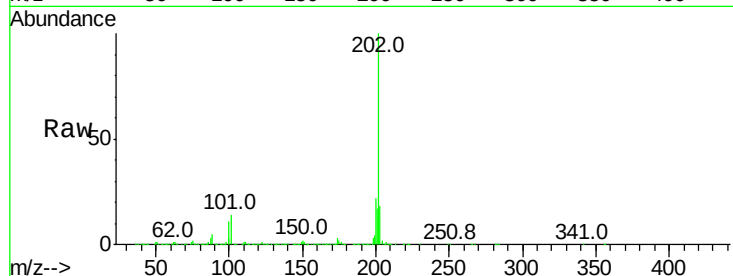
203 18.0 14.1 21.1

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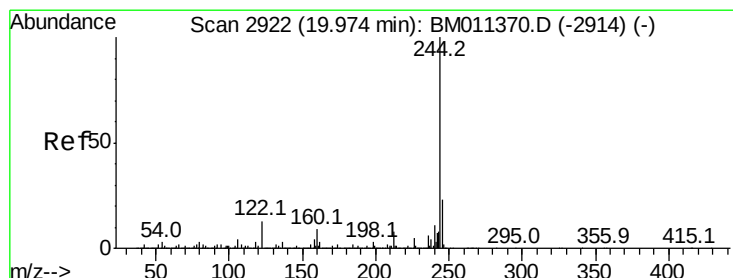
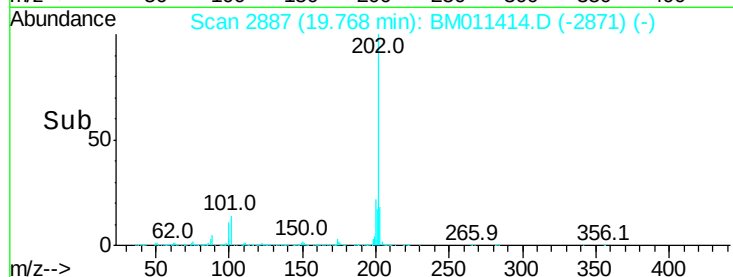
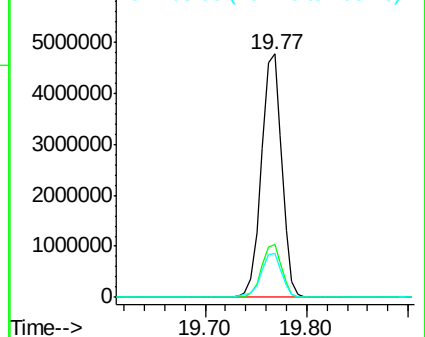
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.595 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

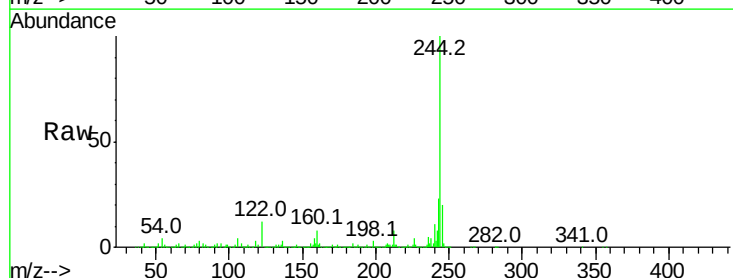
Tgt Ion:244 Resp: 8808896

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

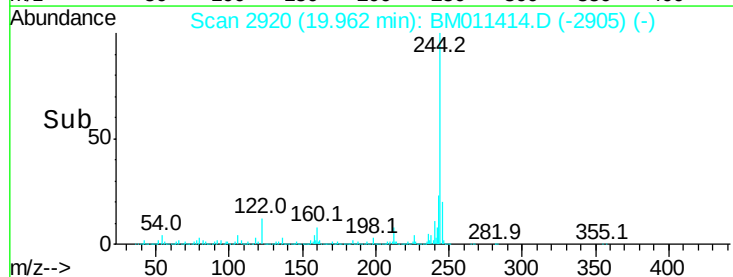
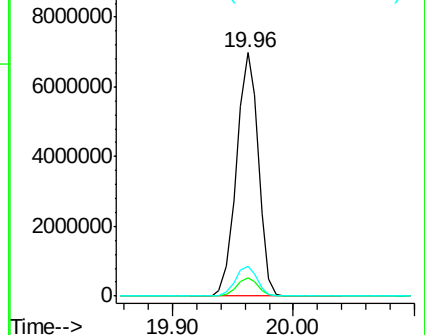
122 12.3 6.2 9.4#

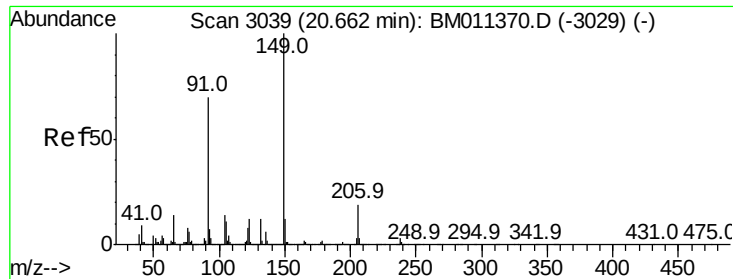


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





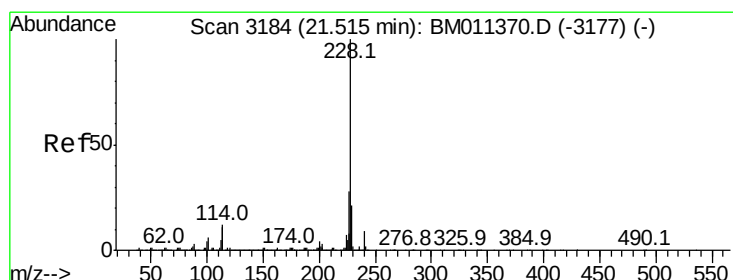
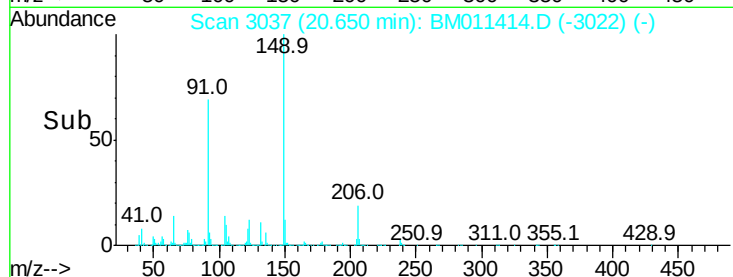
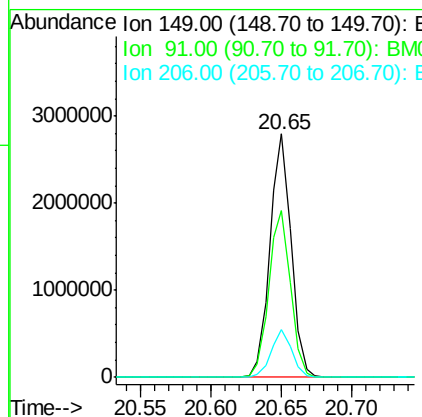
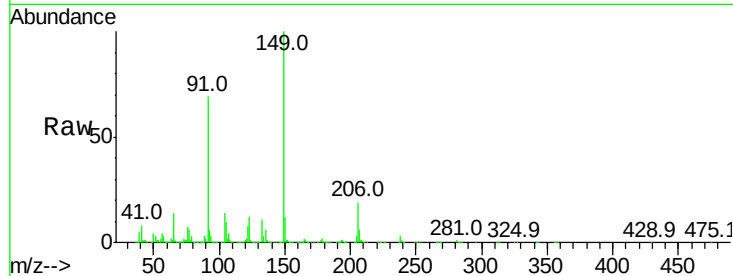
#79
Butylbenzylphthalate
Concen: 38.696 ng
RT: 20.65 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	50.1	75.1
206	19.4	16.2	24.2

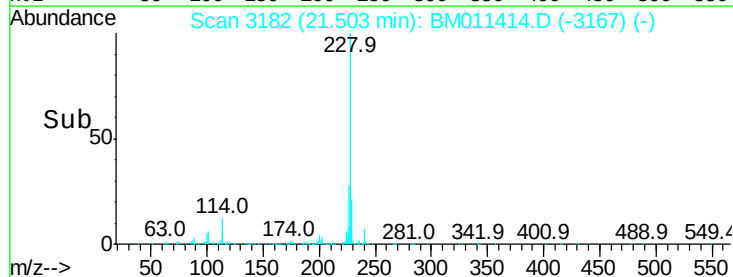
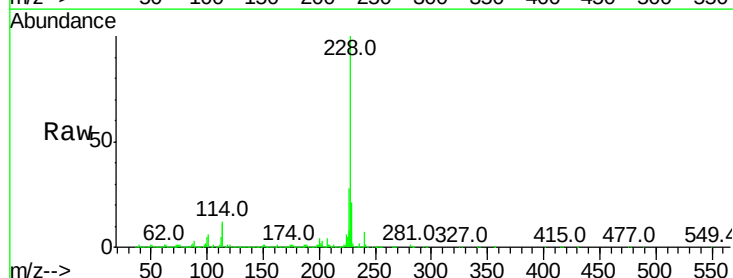
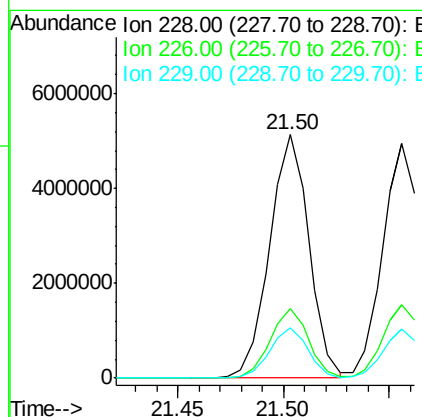
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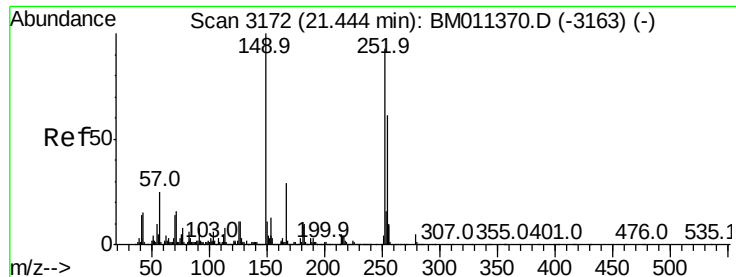
mohammad
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#80
Benzo(a)anthracene
Concen: 42.195 ng
RT: 21.50 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.7	32.5
229	20.8	16.0	24.0





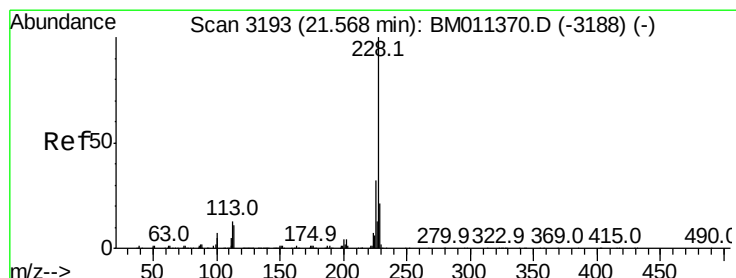
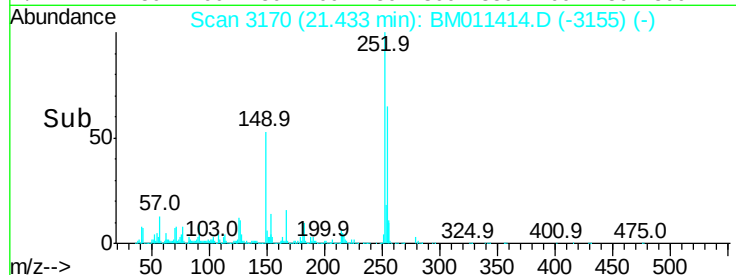
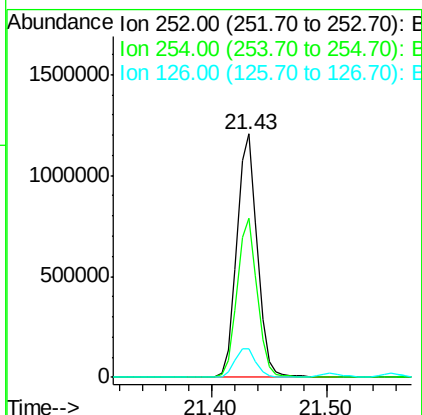
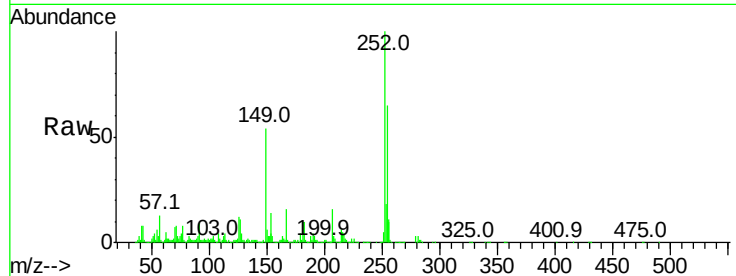
#81
 3,3'-Dichlorobenzidine
 Concen: 24.714 ng
 RT: 21.43 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	11.5	9.8	14.8

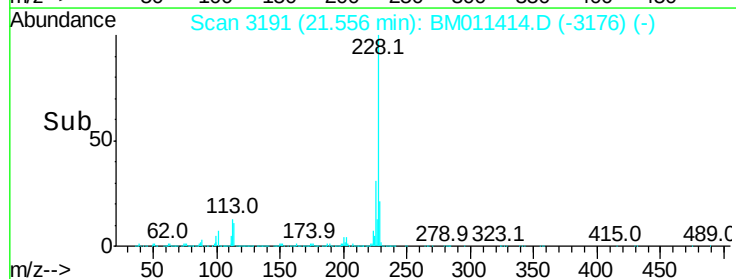
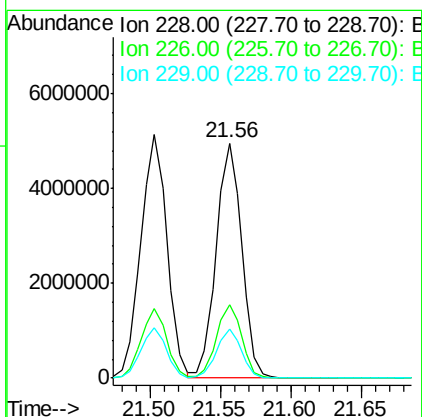
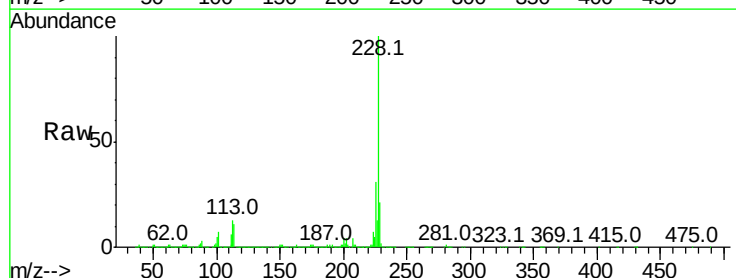
Manual Integrations
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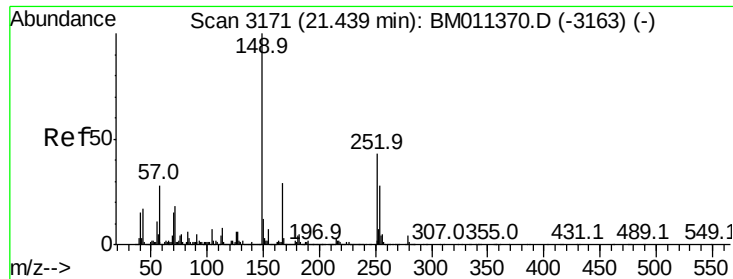
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#82
 Chrysene
 Concen: 41.909 ng
 RT: 21.56 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	20.7	15.5	23.3





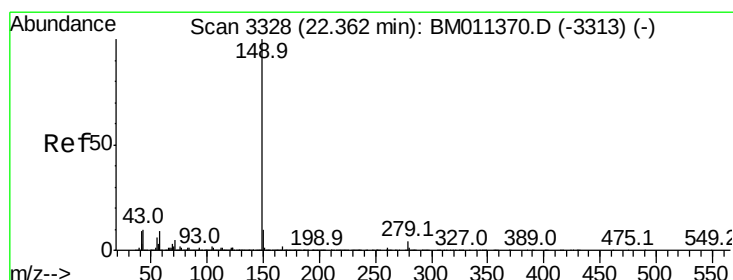
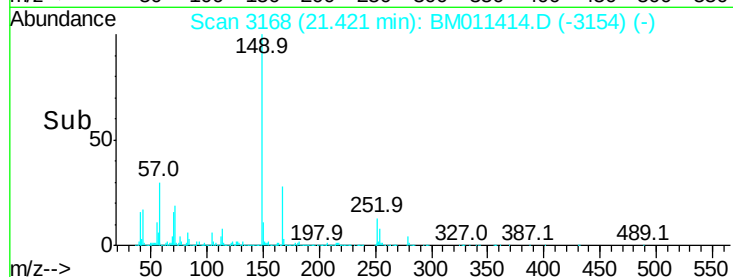
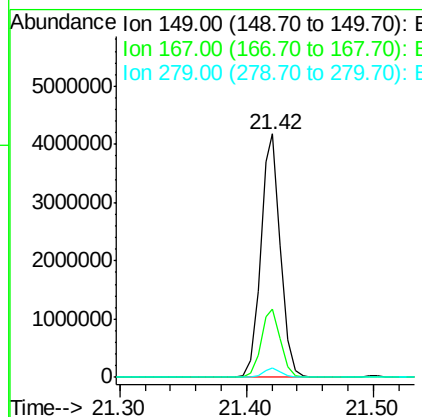
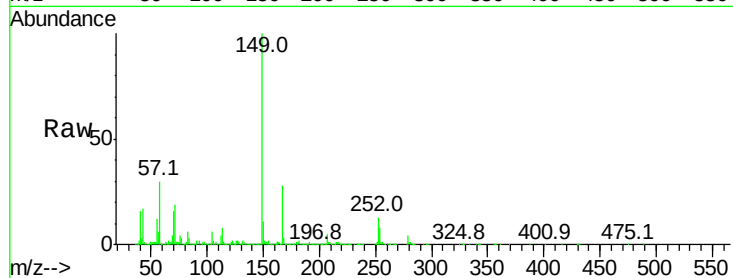
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.293 ng
 RT: 21.42 min Scan# 3168
 Delta R.T. -0.02 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMPMS

Tot Ion:149 Resp: 4504428
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.4 33.6
 279 3.7 3.4 5.0

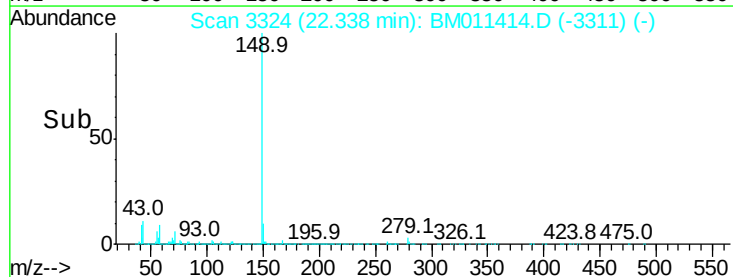
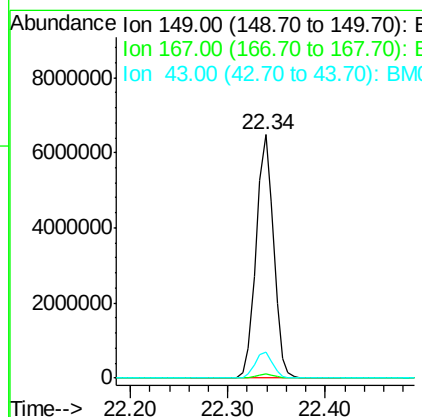
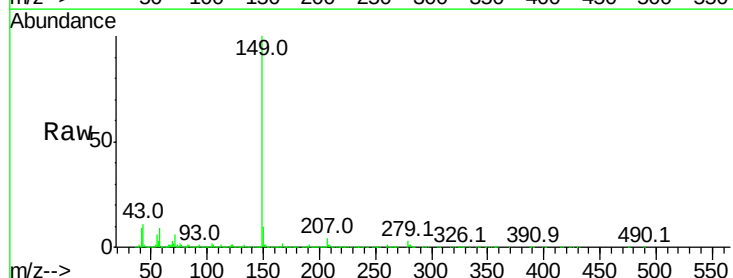
Manual Integrations
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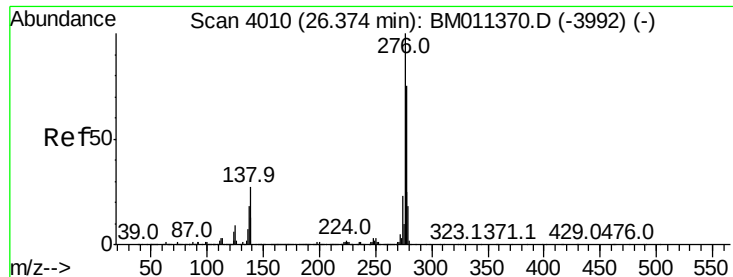
mohammad
 9/5/2017 4:58:37 PM



#84
 Di-n-octyl phthalate
 Concen: 42.978 ng
 RT: 22.34 min Scan# 3324
 Delta R.T. -0.02 min
 Lab File: BM011414.D
 Acq: 02 Sep 2017 14:17

Tgt Ion:149 Resp: 8099416
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 7.3 10.9#





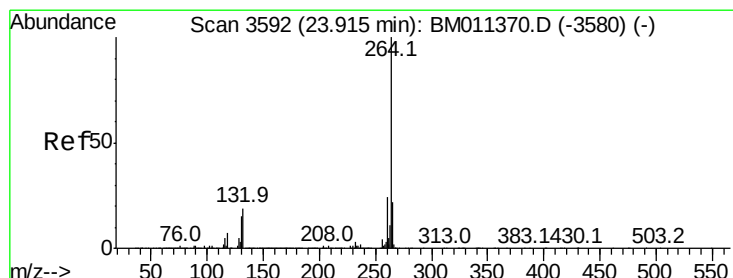
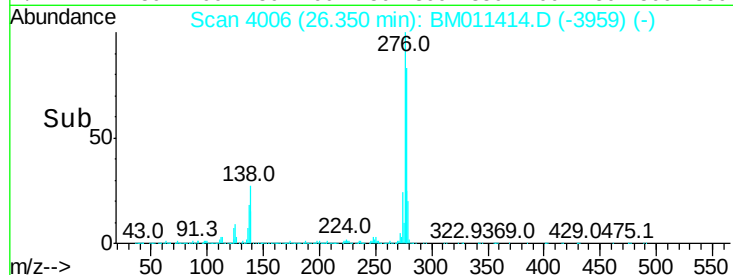
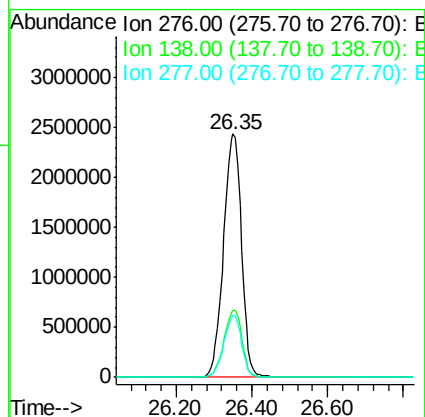
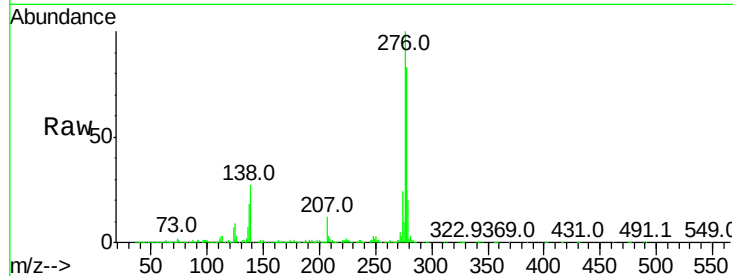
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.058 ng
RT: 26.35 min Scan# 4006
Delta R.T. -0.02 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion:276 Resp: 8041743
Ion Ratio Lower Upper
276 100
138 27.8 12.0 18.0#
277 25.1 20.0 30.0

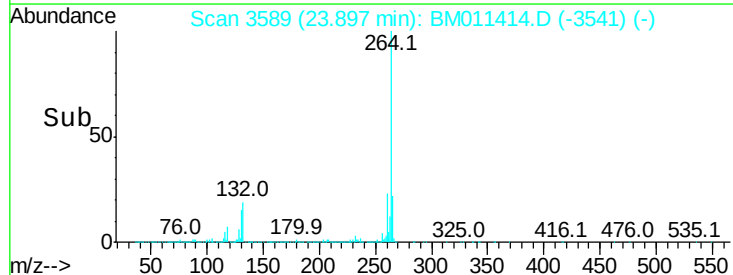
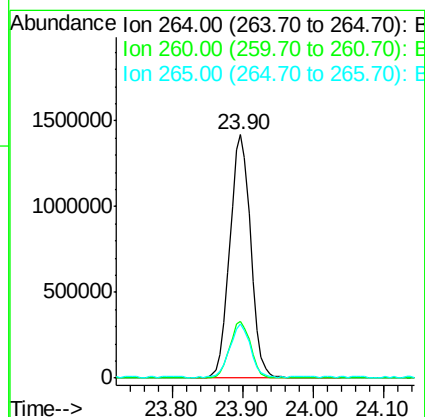
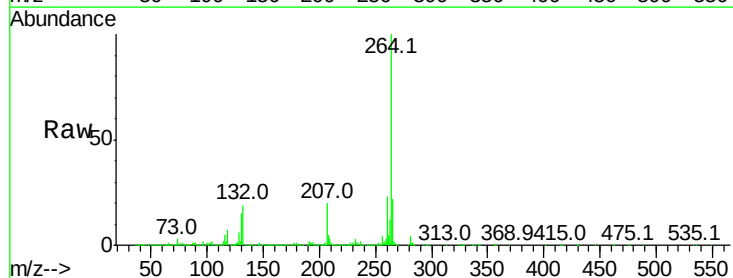
Manual Integrations
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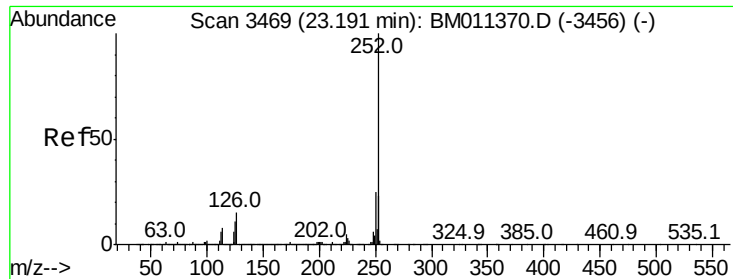
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion:264 Resp: 2909335
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.2 17.3 25.9





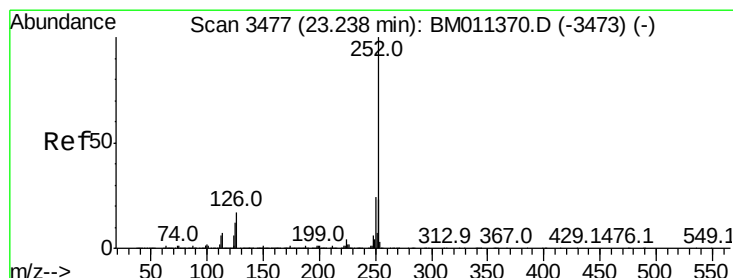
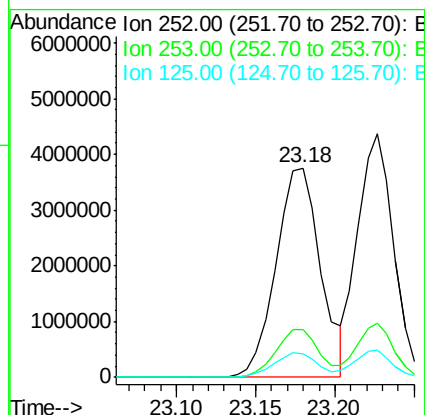
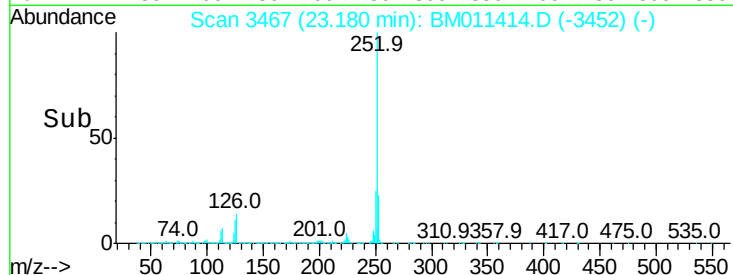
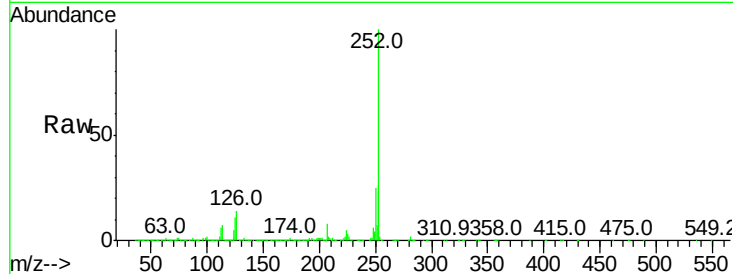
#87
Benzo(b)fluoranthene
Concen: 41.164 ng
RT: 23.18 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.2	9.9	14.9

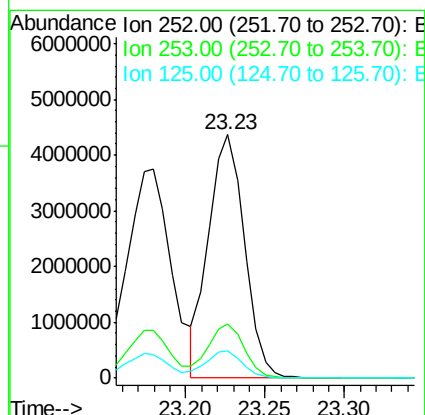
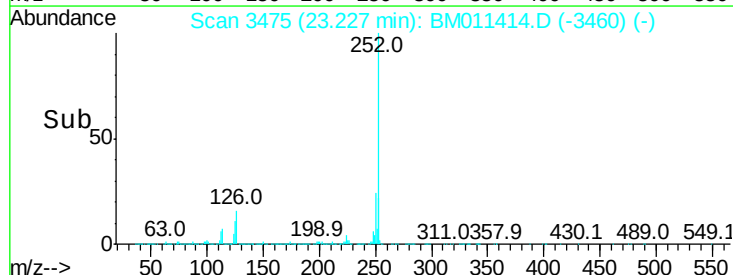
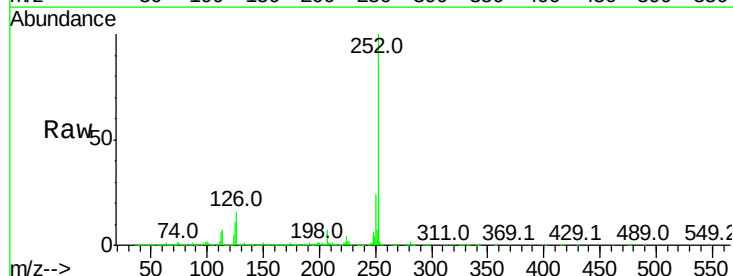
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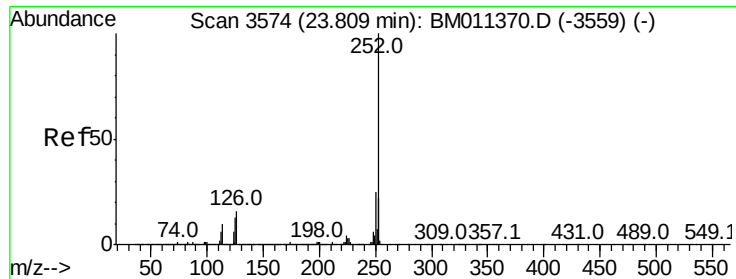
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#88
Benzo(k)fluoranthene
Concen: 40.052 ng
RT: 23.23 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.1	8.1	12.1





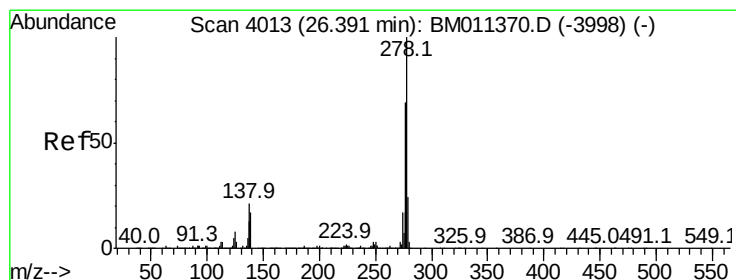
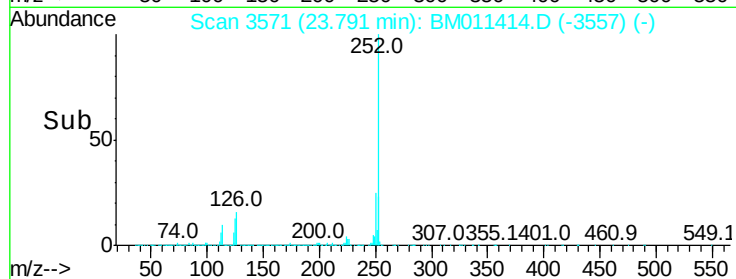
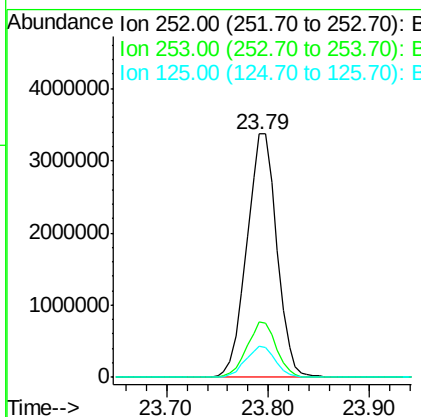
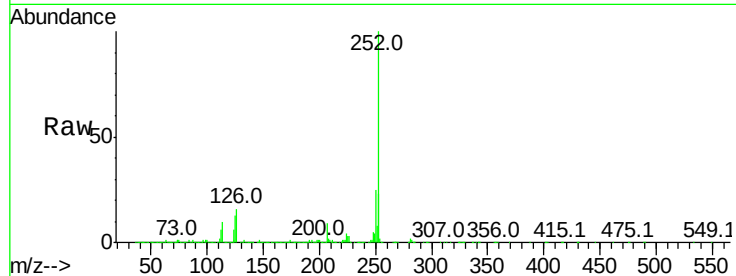
#89
Benzo(a)pyrene
Concen: 43.010 ng
RT: 23.79 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	12.9	7.4	11.2

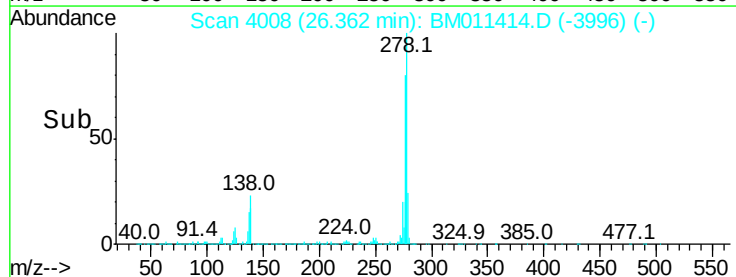
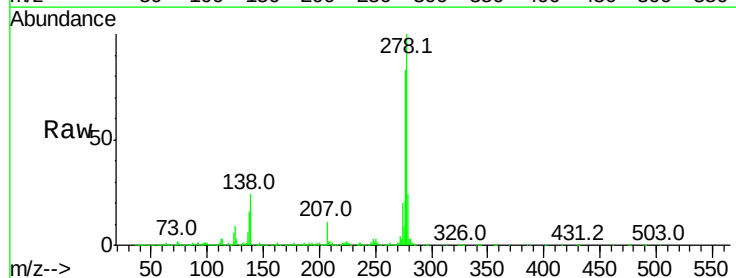
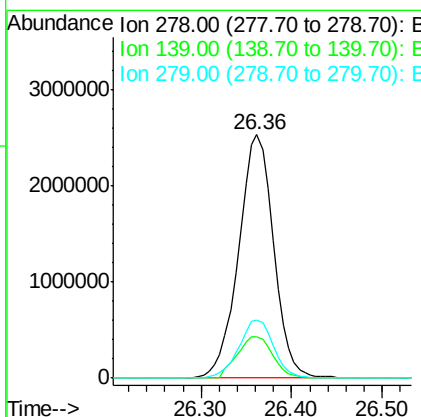
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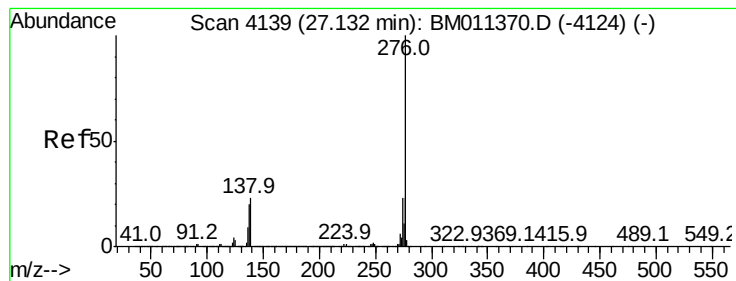
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 49.182 ng
RT: 26.36 min Scan# 4008
Delta R.T. -0.03 min
Lab File: BM011414.D
Acq: 02 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.4	20.0
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.733 ng

RT: 27.10 min Scan# 4134

Delta R.T. -0.03 min

Lab File: BM011414.D

Acq: 02 Sep 2017 14:17

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMS

Tot Ion:276 Resp: 6360274

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 23.7 19.0 28.6

Manual Integrations

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