

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011415.D
 Acq On : 02 Sep 2017 14:53
 Operator : SJ/JU
 Sample : I5073-09MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:58:40 PM

Quant Time: Sep 04 04:12:58 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	468819	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	2047682	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1169740	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2629570	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3216418	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3186175	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	3867456	138.86	ng	0.00
7) Phenol-d6	7.14	99	4875091	126.23	ng	0.00
23) Nitrobenzene-d5	9.15	82	2951500	94.98	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1923428	142.12	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	6781228	83.57	ng	-0.01
78) Terphenyl-d14	19.96	244	10050106	77.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	371565	32.009	ng	# 100
3) Pyridine	3.85	79	1107496	31.155	ng	87
4) n-Nitrosodimethylamine	3.75	42	663134	36.534	ng	# 72
6) Aniline	7.31	93	937238	17.869	ng	95
8) 2-Chlorophenol	7.55	128	1367277	41.642	ng	89
9) Benzaldehyde	7.12	77	276566	12.320	ng	95
10) Phenol	7.16	94	1646474	38.780	ng	# 75
11) bis(2-Chloroethyl)ether	7.40	93	1377426	40.592	ng	84
12) 1,3-Dichlorobenzene	7.87	146	1280892	34.258	ng	98
13) 1,4-Dichlorobenzene	8.02	146	1330460	34.990	ng	99
14) 1,2-Dichlorobenzene	8.34	146	1305322	35.468	ng	97
15) Benzyl Alcohol	8.22	79	1210563	43.355	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.51	45	2202468	38.813	ng	93
17) 2-Methylphenol	8.42	107	1165982	42.890	ng	97
18) Hexachloroethane	9.07	117	445404	34.218	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	1081837	38.151	ng	# 89
20) 3+4-Methylphenols	8.75	107	1561038	41.386	ng	97
22) Acetophenone	8.81	105	2046464	40.220	ng	# 92
24) Nitrobenzene	9.19	77	1508774	44.065	ng	94
25) Isophorone	9.72	82	2925431	42.017	ng	93
26) 2-Nitrophenol	9.90	139	614129	42.127	ng	# 83
27) 2,4-Dimethylphenol	9.96	122	1335953	41.151	ng	96
28) bis(2-Chloroethoxy)methane	10.19	93	1886153	39.699	ng	99
29) 2,4-Dichlorophenol	10.43	162	1313894	43.258	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	1406485	41.831	ng	98
31) Naphthalene	10.85	128	4241140	38.362	ng	100
32) Benzoic acid	10.07	122	693006	33.705	ng	98
33) 4-Chloroaniline	10.96	127	442674	9.153	ng	# 89
34) Hexachlorobutadiene	11.13	225	677159	35.346	ng	99
35) Caprolactam	11.73	113	341122m	31.185	ng	
36) 4-Chloro-3-methylphenol	12.06	107	1431503	40.127	ng	92
37) 2-Methylnaphthalene	12.45	142	3117240	40.510	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1353463	38.449	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1610434	99.797	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090217\
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Manual Integrations
 APPROVED

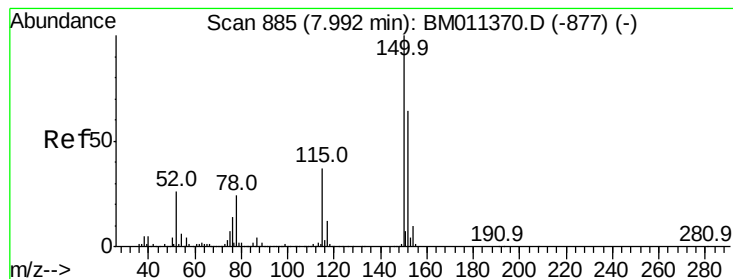
mohammad
 9/5/2017 4:58:40 PM

Quant Time: Sep 04 04:12:58 2017
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 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	955514	41.006	nq	99
43) 2,4,5-Trichlorophenol	13.12	196	1053051	44.498	nq	# 90
45) 1,1'-Biphenyl	13.45	154	3902167	37.576	nq	97
46) 2-Chloronaphthalene	13.50	162	2976789	38.588	nq	95
47) 2-Nitroaniline	13.70	65	1026706	42.632	nq	86
48) Acenaphthylene	14.34	152	4837112	40.243	nq	100
49) Dimethylphthalate	14.07	163	3808655	40.977	nq	99
50) 2,6-Dinitrotoluene	14.19	165	787144	44.726	nq	91
51) Acenaphthene	14.68	154	3060001	39.205	nq	99
52) 3-Nitroaniline	14.52	138	846993	37.052	nq	84
53) 2,4-Dinitrophenol	14.72	184	743060	89.174	nq	88
54) Dibenzofuran	15.02	168	4658623	43.286	nq	96
55) 4-Nitrophenol	14.82	139	1504673	84.579	nq	# 48
56) 2,4-Dinitrotoluene	14.97	165	1085244	44.124	nq	# 83
57) Fluorene	15.66	166	3874971	41.298	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	912180	47.635	nq	# 100
59) Diethylphthalate	15.43	149	3948353	41.229	nq	98
60) 4-Chlorophenyl-phenylether	15.65	204	1790743	40.917	nq	94
61) 4-Nitroaniline	15.68	138	976371	41.087	nq	86
62) Azobenzene	15.94	77	3890629	45.079	nq	92
64) 4,6-Dinitro-2-methylphenol	15.73	198	489070	47.756	nq	91
65) n-Nitrosodiphenylamine	15.87	169	3249785	39.220	nq	99
66) 4-Bromophenyl-phenylether	16.54	248	1105320	39.962	nq	# 89
67) Hexachlorobenzene	16.66	284	1201420	37.013	nq	# 87
68) Atrazine	16.81	200	879792	36.229	nq	98
69) Pentachlorophenol	17.00	266	1550358	87.003	nq	99
70) Phenanthrene	17.40	178	6229437	42.539	nq	98
71) Anthracene	17.49	178	6270320	42.581	nq	99
72) Carbazole	17.76	167	5957511	41.981	nq	99
73) Di-n-butylphthalate	18.31	149	7145138	43.338	nq	100
74) Fluoranthene	19.40	202	7156561	42.829	nq	94
76) Benzidine	19.59	184	270837	4.266	nq	98
77) Pyrene	19.77	202	7603218	38.576	nq	98
79) Butylbenzylphthalate	20.65	149	3437030	39.473	nq	93
80) Benzo(a)anthracene	21.50	228	7455967	41.446	nq	98
81) 3,3'-Dichlorobenzidine	21.43	252	1348525	19.745	nq	99
82) Chrysene	21.56	228	6956974	41.030	nq	97
83) Bis(2-ethylhexyl)phthalate	21.42	149	5206074	40.783	nq	99
84) Di-n-octyl phthalate	22.34	149	9139252	42.471	nq	# 95
85) Indeno(1,2,3-cd)pyrene	26.35	276	8322214	52.617	nq	# 88
87) Benzo(b)fluoranthene	23.17	252	7812144	39.937	nq	99
88) Benzo(k)fluoranthene	23.23	252	7780304	41.484	nq	97
89) Benzo(a)pyrene	23.80	252	7573627	42.927	nq	# 98
90) Dibenzo(a,h)anthracene	26.36	278	7012138	46.440	nq	99
91) Benzo(g,h,i)perylene	27.10	276	6576386	45.067	nq	99

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



#1

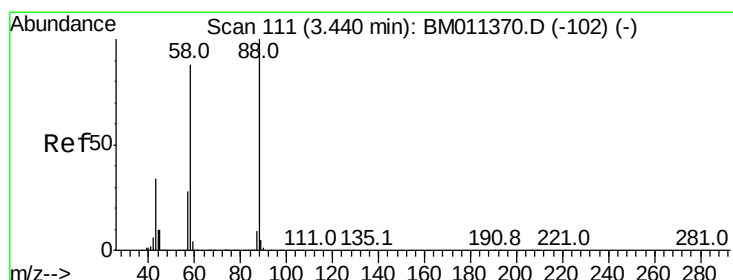
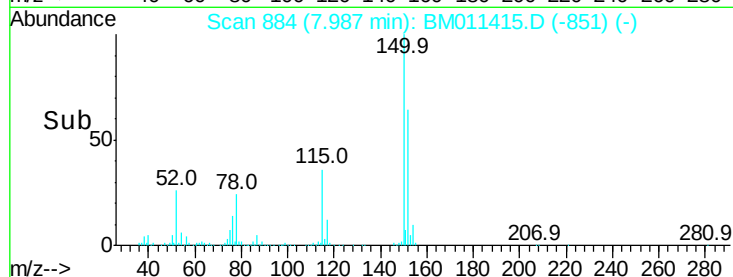
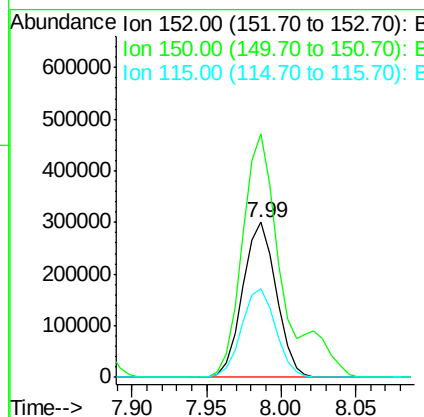
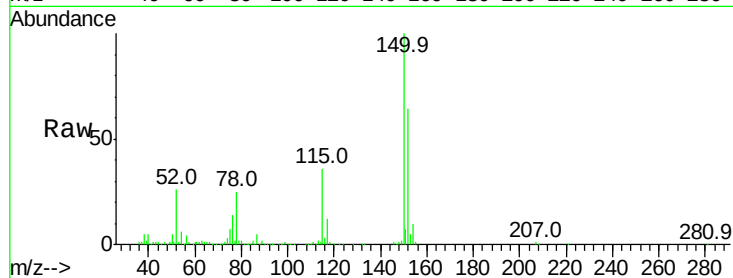
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	57.1	43.0	64.4

Manual Integrations
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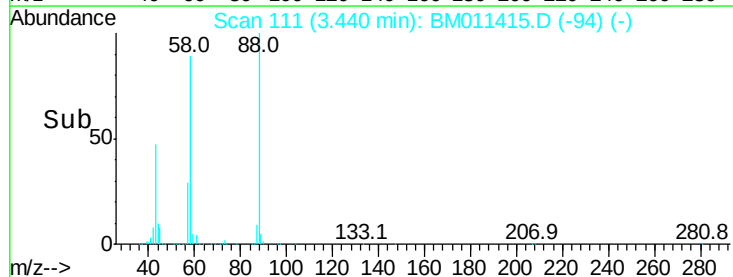
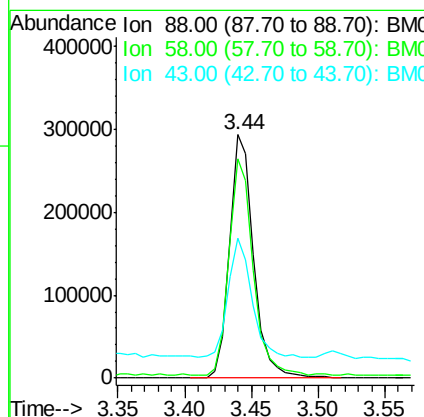
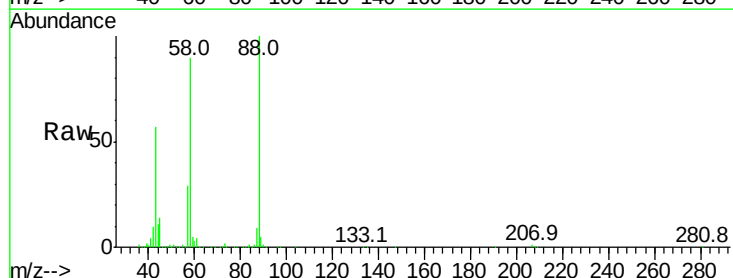
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9/5/2017 4:58:40 PM

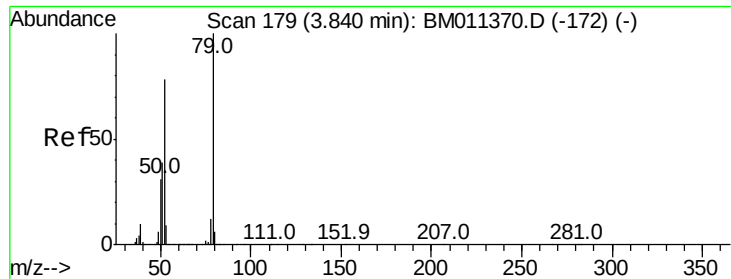


#2

1,4-Dioxane
Concen: 32.009 ng
RT: 3.44 min Scan# 111
Delta R.T. 0.00 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	0.0	0.0#
43	48.5	0.0	0.0#





#3

Pvridine

Concen: 31.155 ng

RT: 3.85 min Scan# 180

Delta R.T. 0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion: 79 Resp: 1107496

Ion Ratio Lower Upper

79 100

52 74.9 51.1 76.7

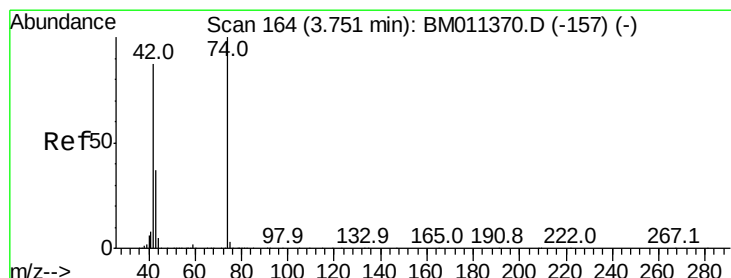
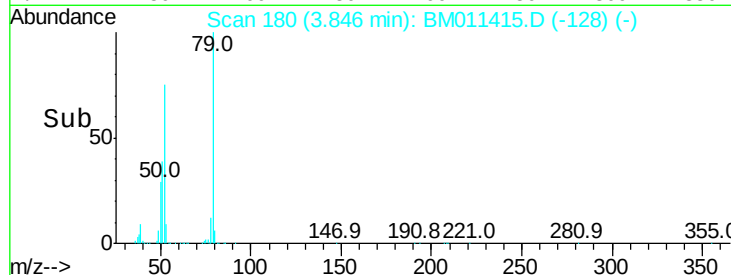
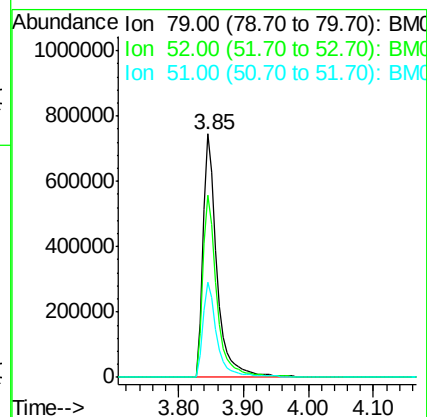
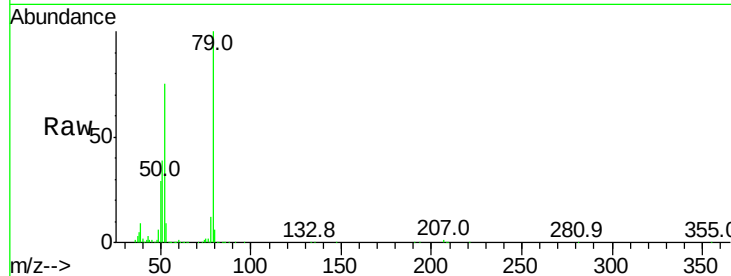
51 38.8 26.1 39.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 36.534 ng

RT: 3.75 min Scan# 163

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

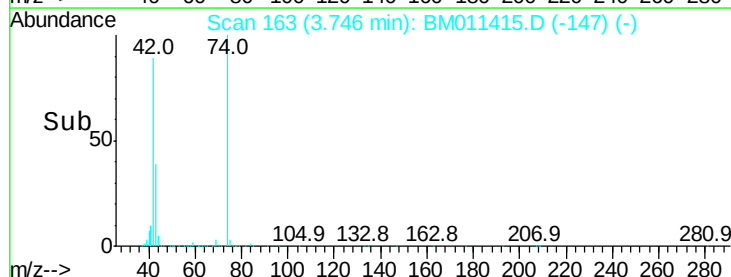
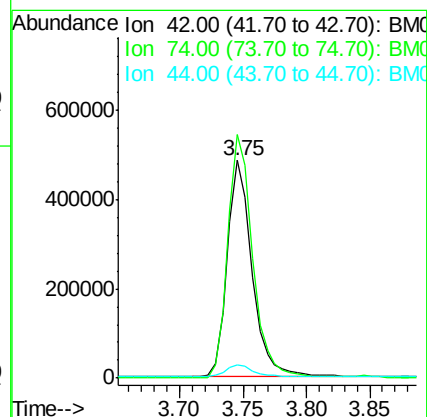
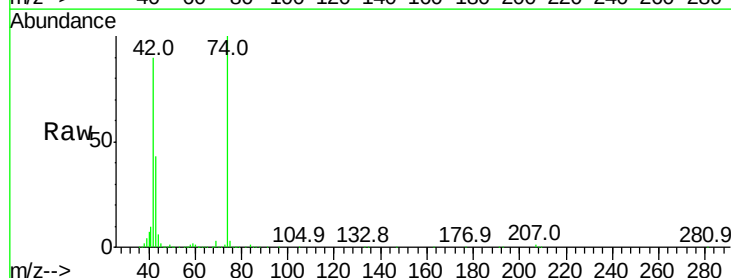
Tgt Ion: 42 Resp: 663134

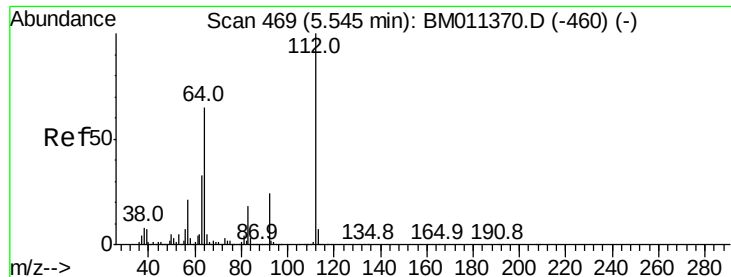
Ion Ratio Lower Upper

42 100

74 111.7 119.3 178.9#

44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 138.859 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:112 Resp: 3867456

Ion Ratio Lower Upper

112 100

64 65.7 38.6 57.8#

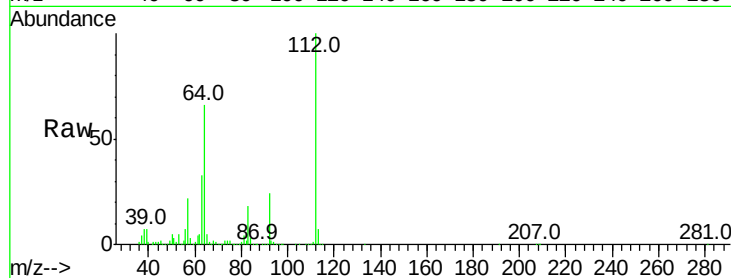
63 33.3 19.3 28.9#

Manual Integrations

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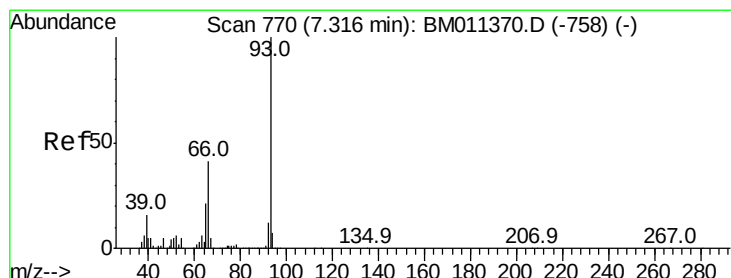
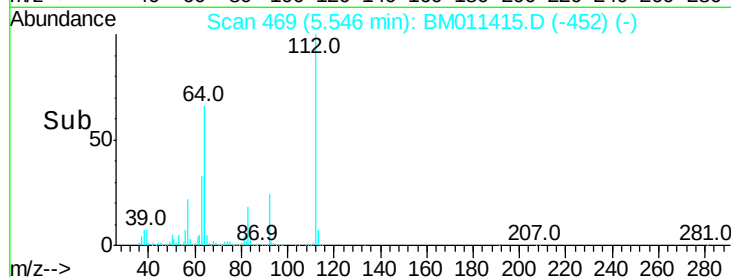
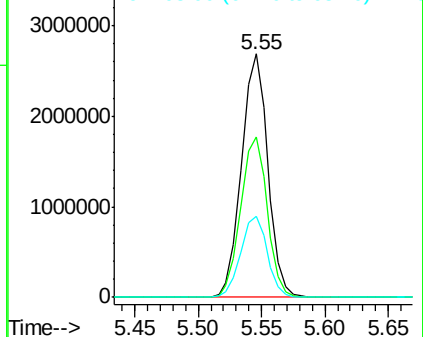
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 17.869 ng

RT: 7.31 min Scan# 769

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

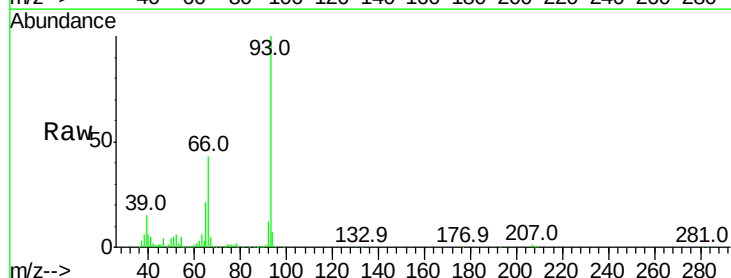
Tgt Ion: 93 Resp: 937238

Ion Ratio Lower Upper

93 100

66 42.6 30.8 46.2

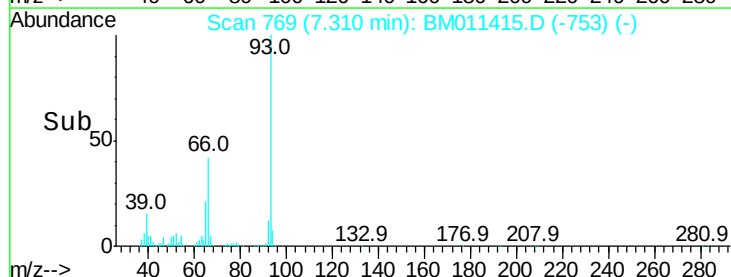
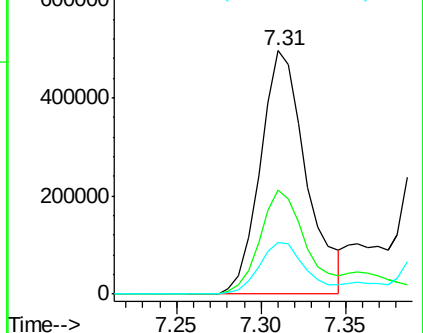
65 21.0 16.0 24.0

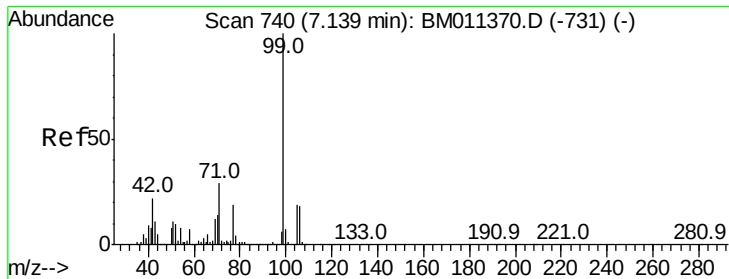


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 126.234 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion: 99 Resp: 4875091

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

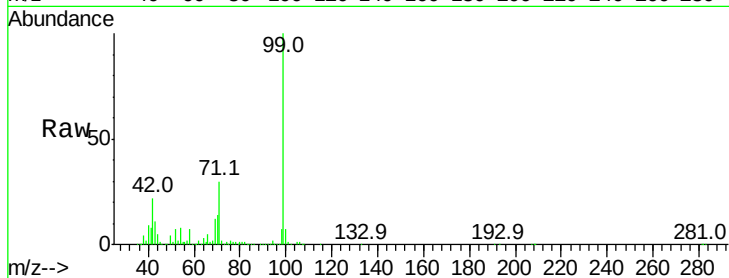
71 29.9 23.4 35.2

Manual Integrations

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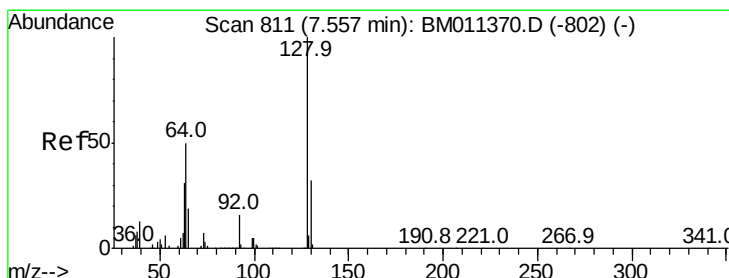
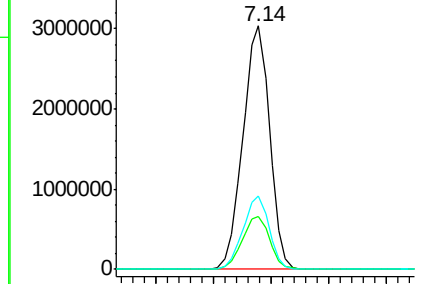
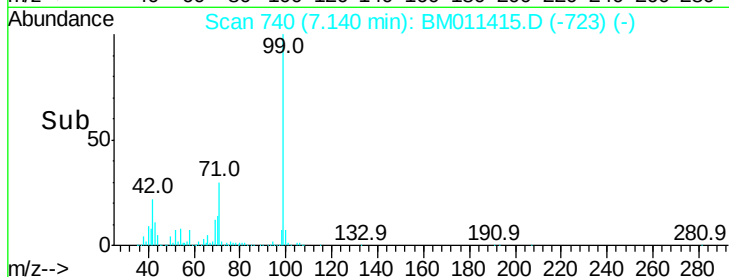
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Abundance Ion 99.00 (98.70 to 99.70): BM011415.D (-723) (-)

Ion 42.00 (41.70 to 42.70): BM011415.D (-723) (-)

Ion 71.00 (70.70 to 71.70): BM011415.D (-723) (-)



#8

2-Chlorophenol

Concen: 41.642 ng

RT: 7.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

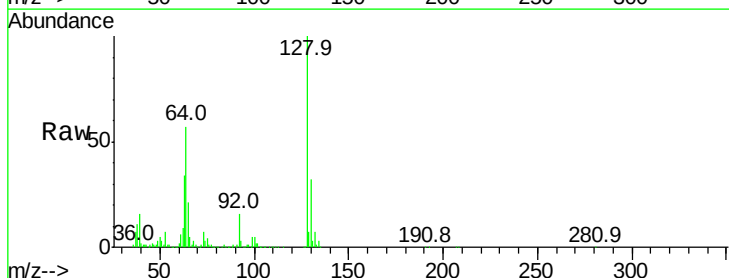
Tgt Ion: 128 Resp: 1367277

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

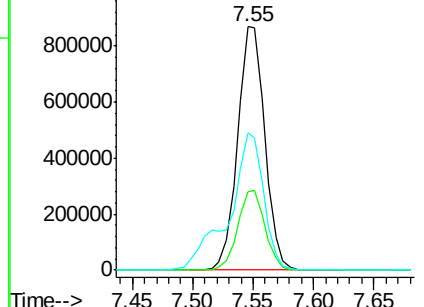
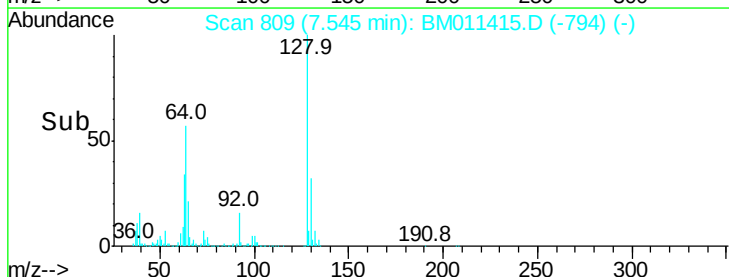
64 56.6 24.9 64.9

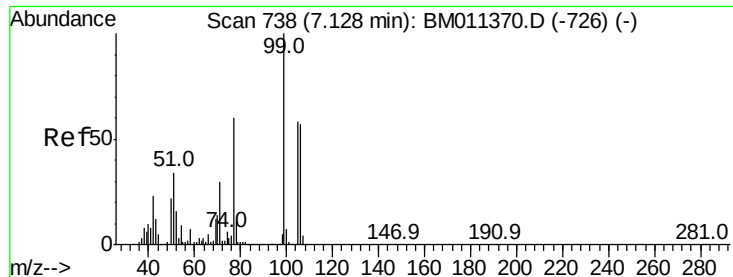


Abundance Ion 128.00 (127.70 to 128.70): BM011415.D (-794) (-)

Ion 130.00 (129.70 to 130.70): BM011415.D (-794) (-)

Ion 64.00 (63.70 to 64.70): BM011415.D (-794) (-)





#9

Benzaldehyde

Concen: 12.320 ng

RT: 7.12 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

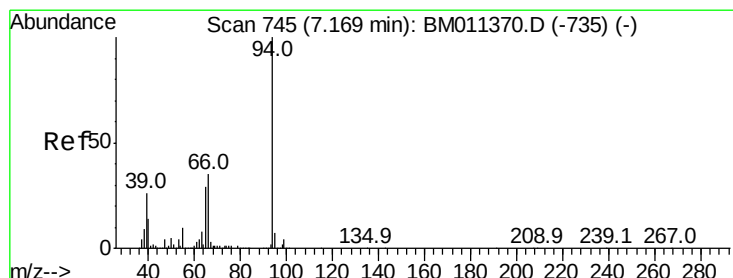
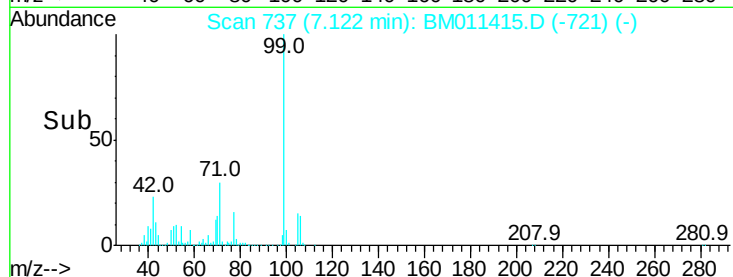
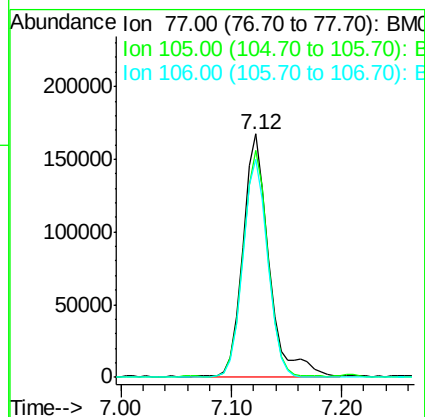
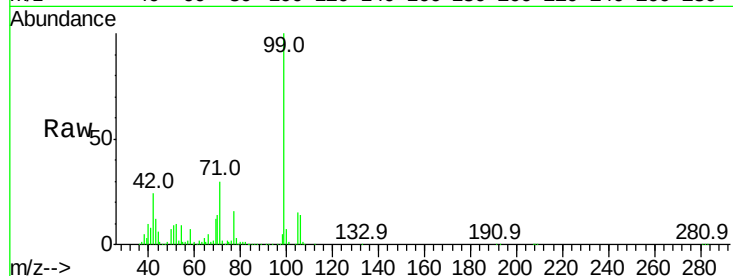
ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:	77	Resp:	276566
Ion	Ratio	Lower	Upper
77	100		
105	93.2	78.8	118.8
106	89.4	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 38.780 ng

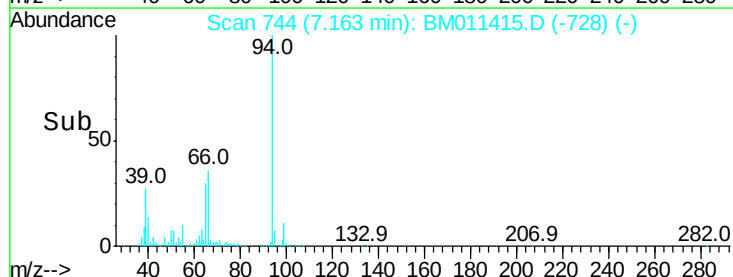
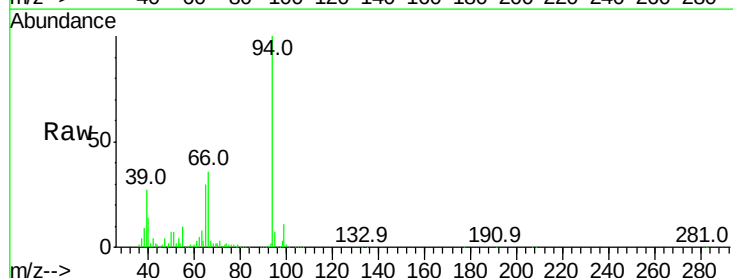
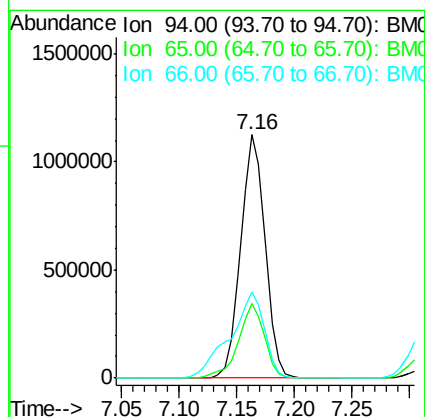
RT: 7.16 min Scan# 744

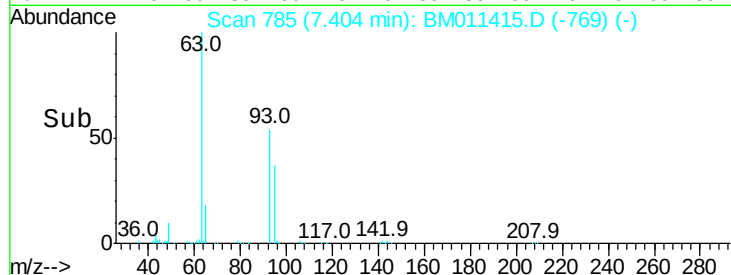
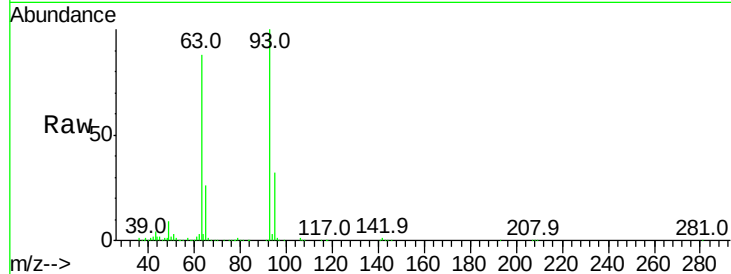
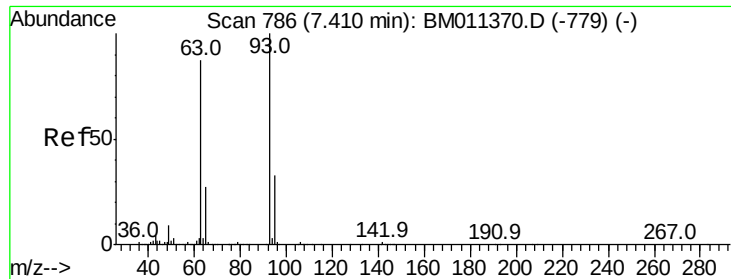
Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Tgt Ion:	94	Resp:	1646474
Ion	Ratio	Lower	Upper
94	100		
65	30.5	18.8	58.8
66	35.7	39.9	79.9#





#11
bis(2-Chloroethyl)ether
Concen: 40.592 ng
RT: 7.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

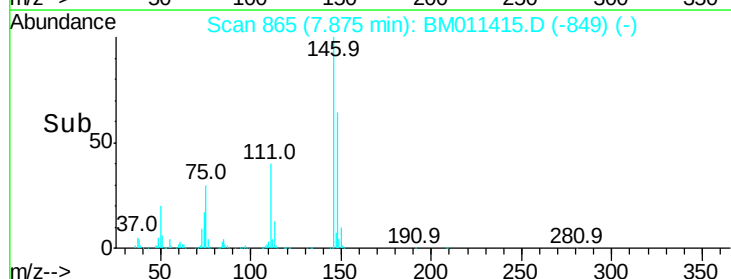
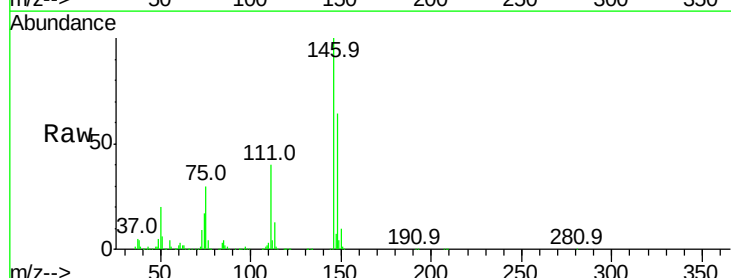
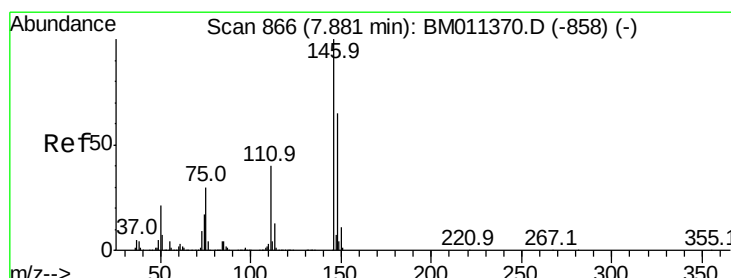
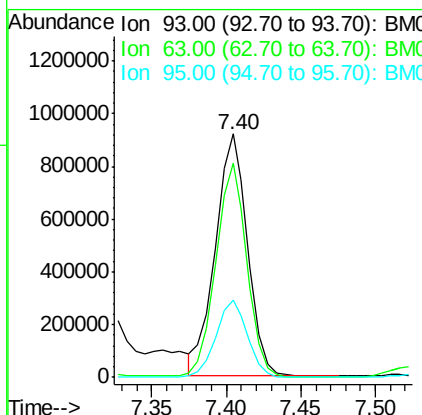
Tot Ion: 93 Resp: 1377426

Ion	Ratio	Lower	Upper
93	100		
63	87.9	49.5	89.5
95	31.9	13.5	53.5

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

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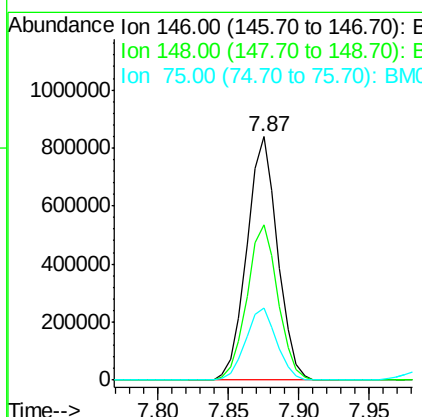
mohammad
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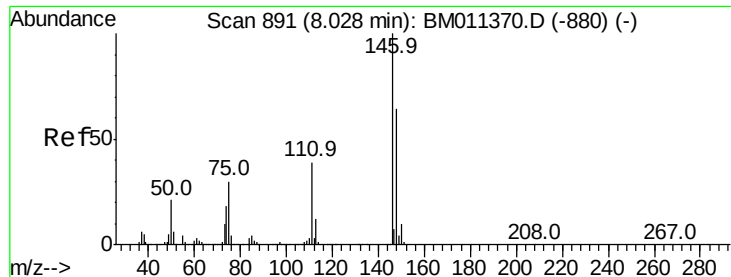


#12
1,3-Dichlorobenzene
Concen: 34.258 ng
RT: 7.87 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion: 146 Resp: 1280892

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	29.6	21.4	32.2





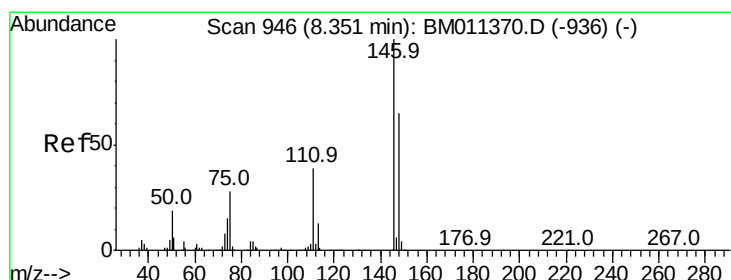
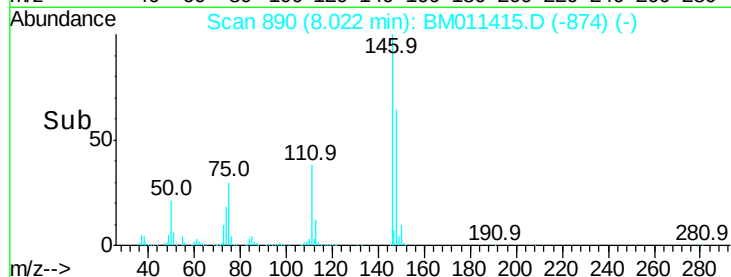
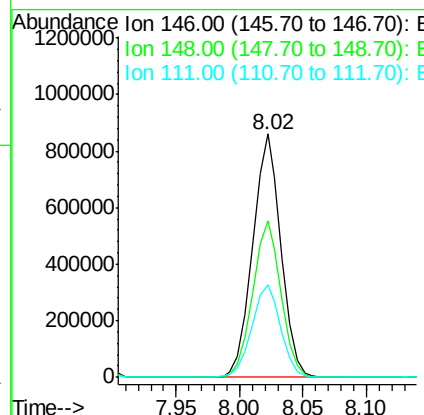
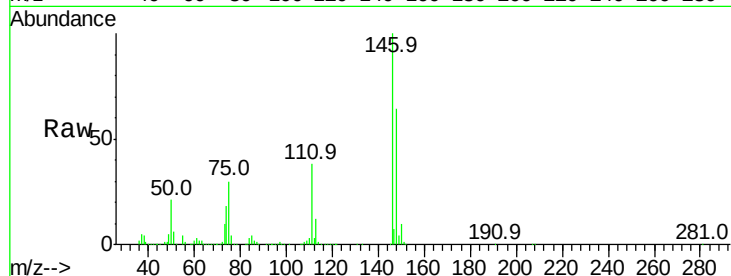
#13
1,4-Dichlorobenzene
Concen: 34.990 ng
RT: 8.02 min Scan# 890
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	37.9	29.2	43.8

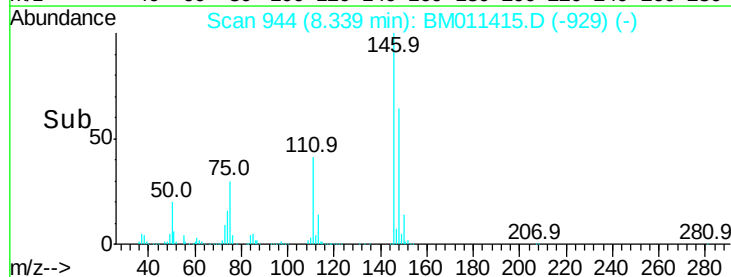
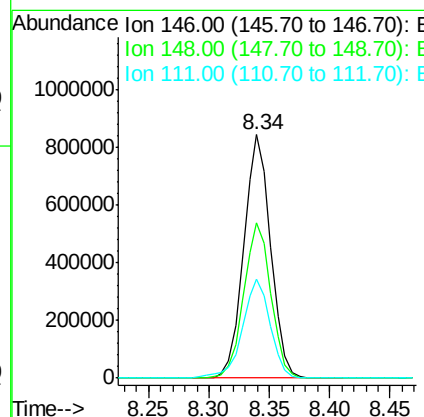
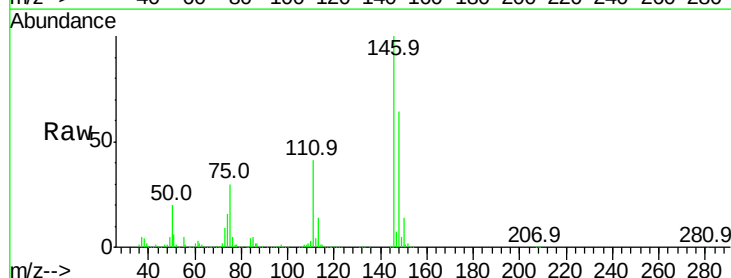
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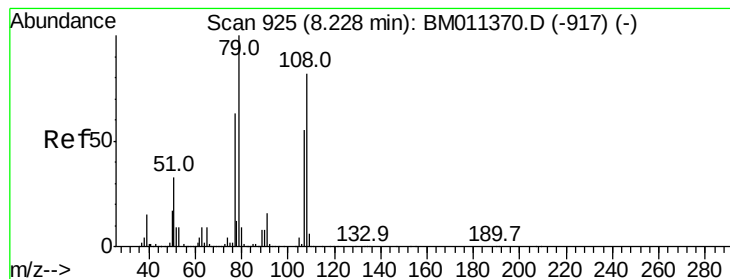
mohammad
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#14
1,2-Dichlorobenzene
Concen: 35.468 ng
RT: 8.34 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
111	40.5	30.6	45.8





#15

Benzyl Alcohol

Concen: 43.355 ng

RT: 8.22 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion: 79 Resp: 1210563

Ion Ratio Lower Upper

79 100

108 81.1 65.0 97.4

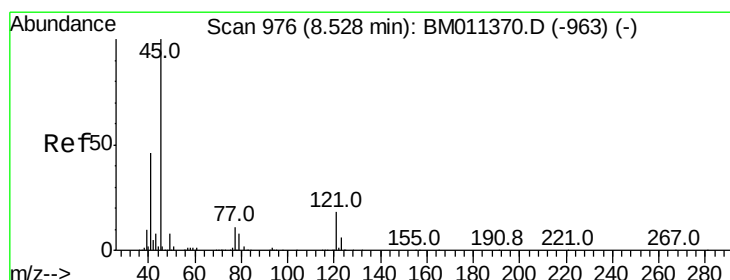
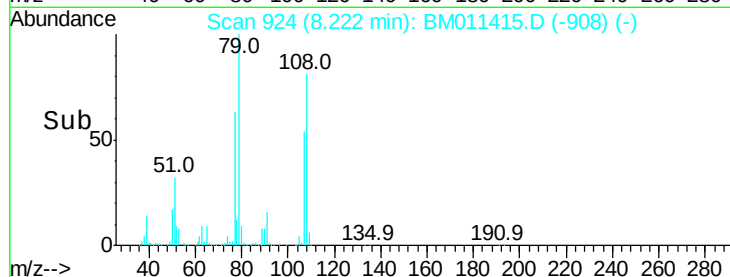
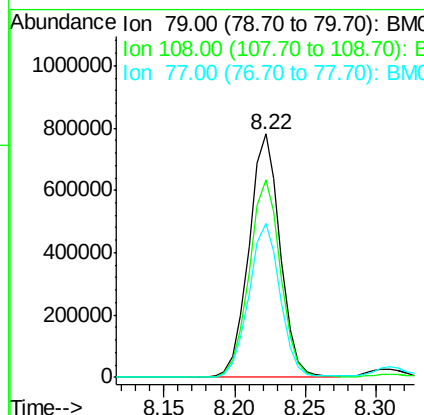
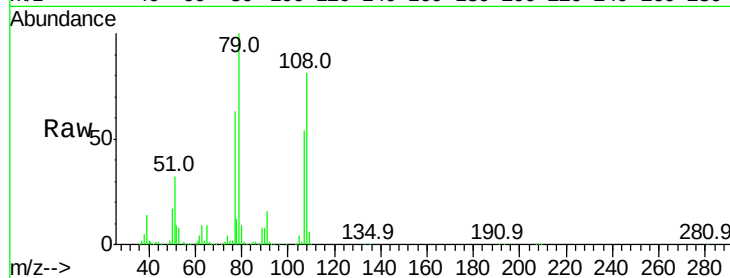
77 63.1 53.0 79.6

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.813 ng

RT: 8.51 min Scan# 973

Delta R.T. -0.02 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

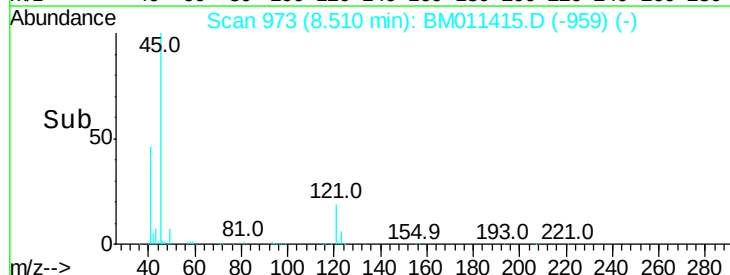
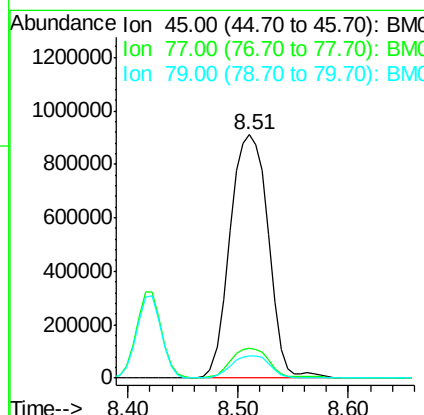
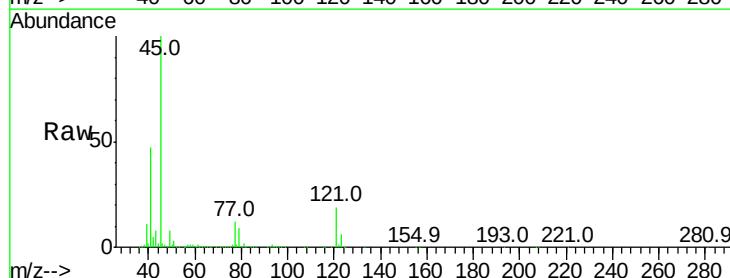
Tgt Ion: 45 Resp: 2202468

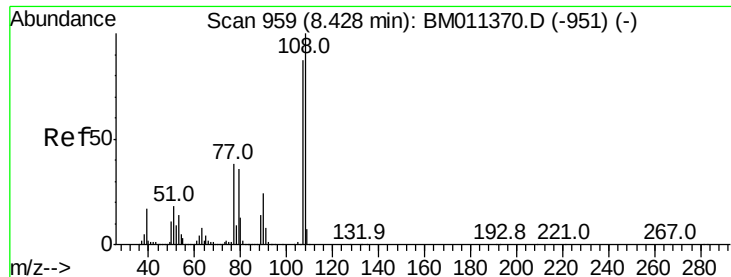
Ion Ratio Lower Upper

45 100

77 12.2 0.0 35.2

79 9.3 0.0 32.0





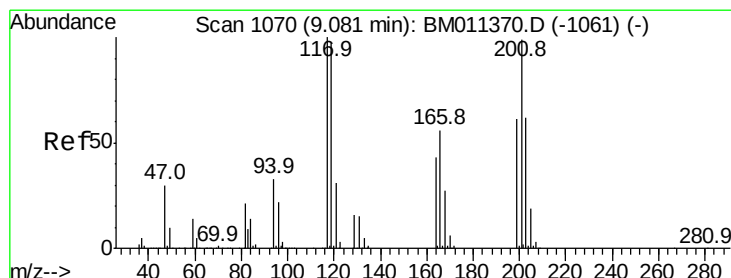
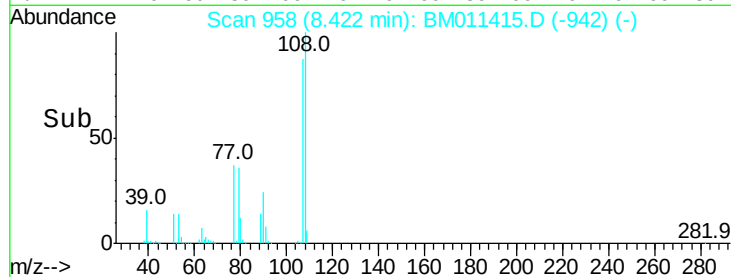
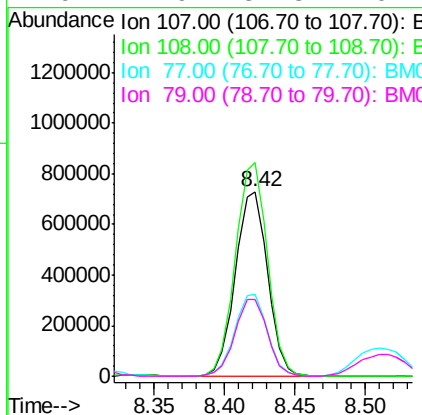
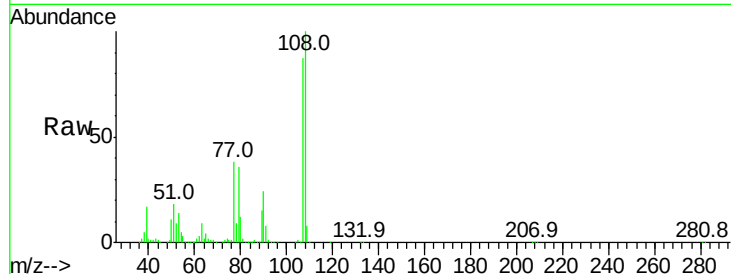
#17
2-Methylphenol
Concen: 42.890 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	107	Resp	1165982
Ion	Ratio	Lower	Upper
107	100		
108	115.6	89.8	134.8
77	44.4	32.6	48.8
79	41.9	32.8	49.2

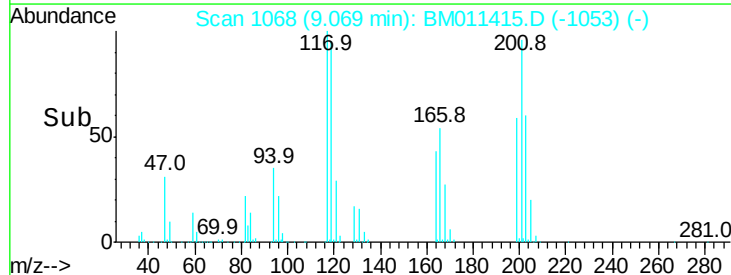
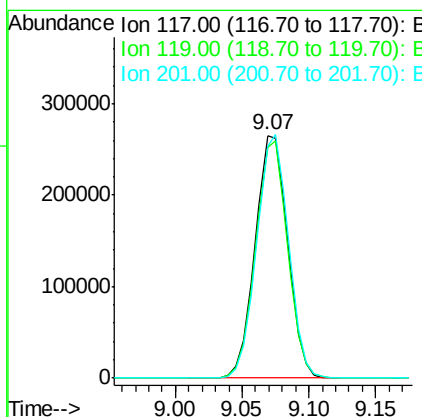
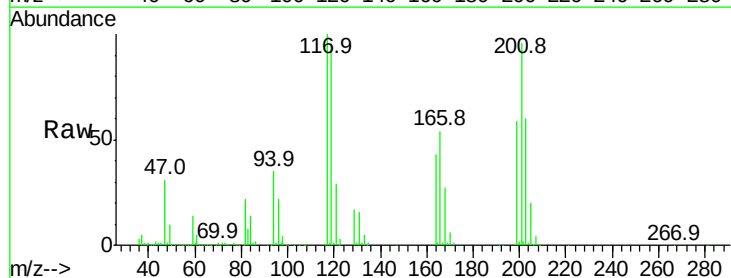
Manual Integrations
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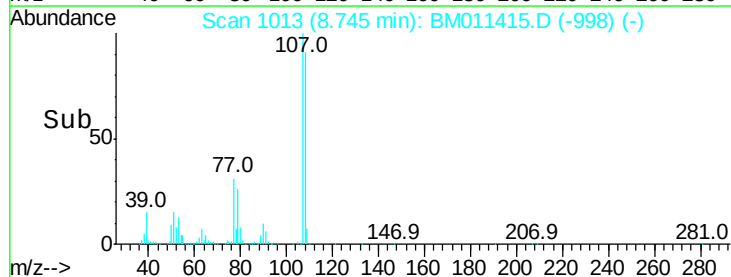
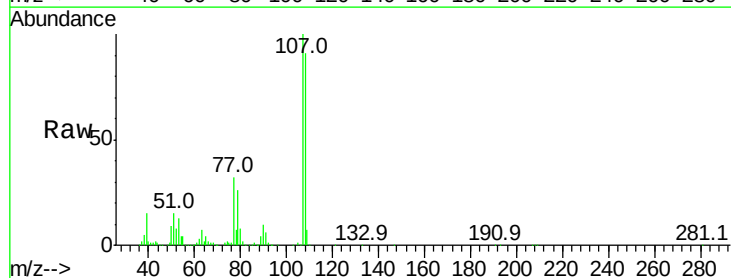
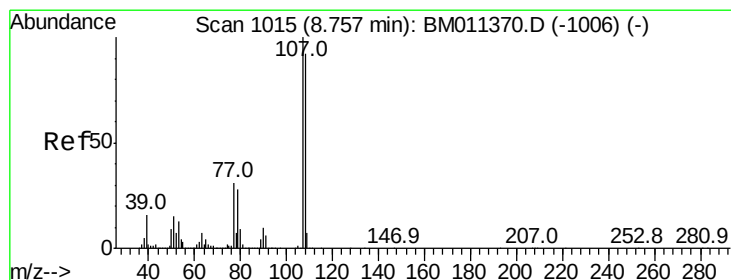
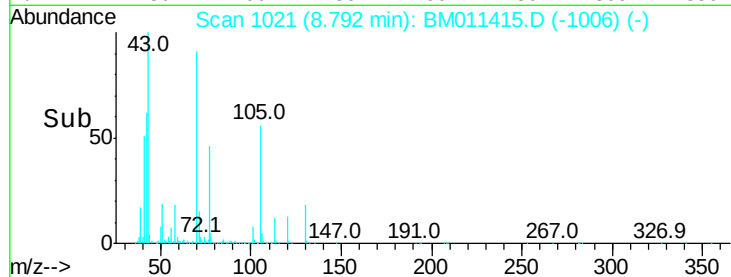
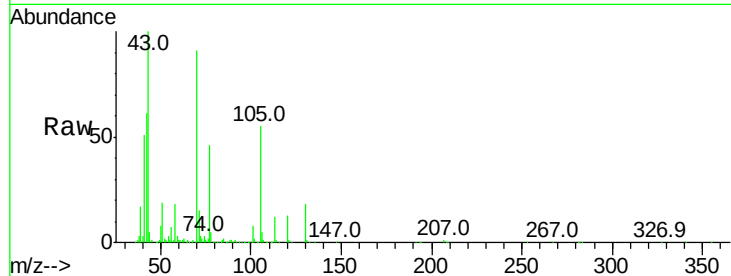
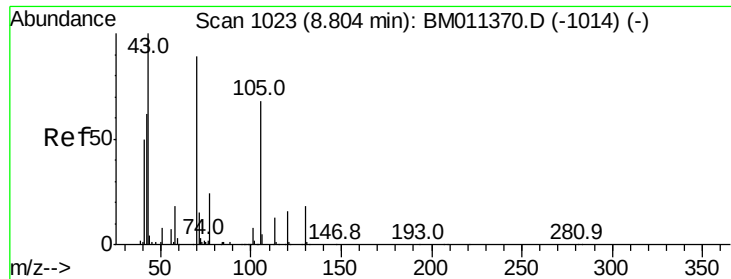
mohammad
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#18
Hexachloroethane
Concen: 34.218 ng
RT: 9.07 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

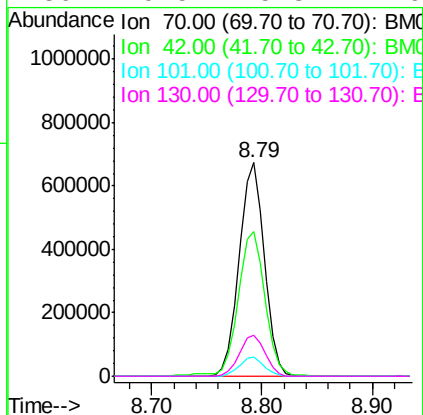
Tgt Ion	117	Resp	445404
Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.2	118.8
201	95.6	69.8	104.6





#19
n-Nitroso-di-n-propylamine
Concen: 38.151 ng
RT: 8.79 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.8	44.5	66.7#	
101	8.8	7.4	11.2	
130	19.5	15.3	22.9	



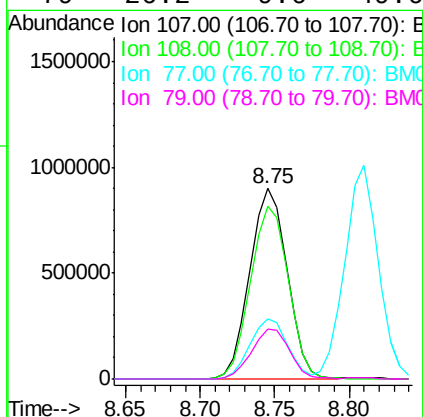
Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMSD

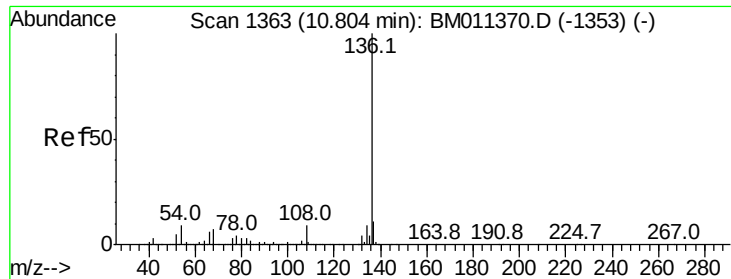
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#20
3+4-Methylphenols
Concen: 41.386 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	73.2	113.2	
77	31.6	10.7	50.7	
79	26.2	9.6	49.6	





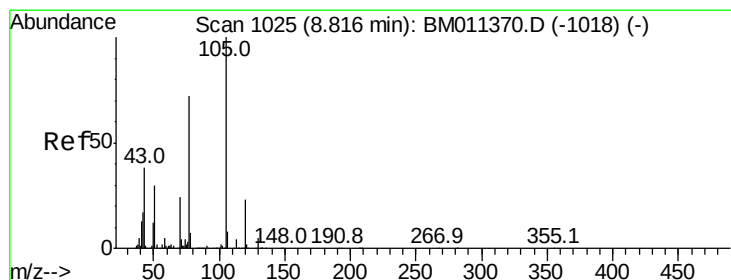
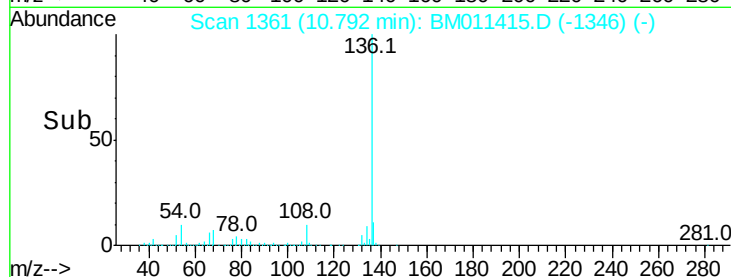
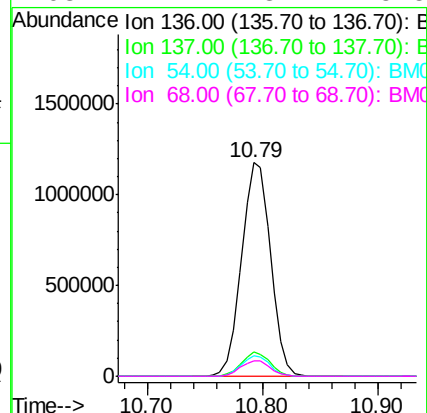
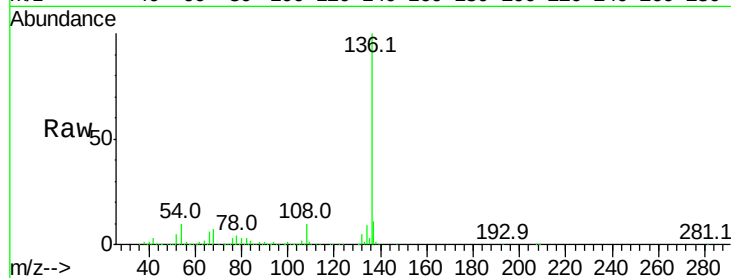
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.8	4.6	6.8#
68	7.4	3.7	5.5#

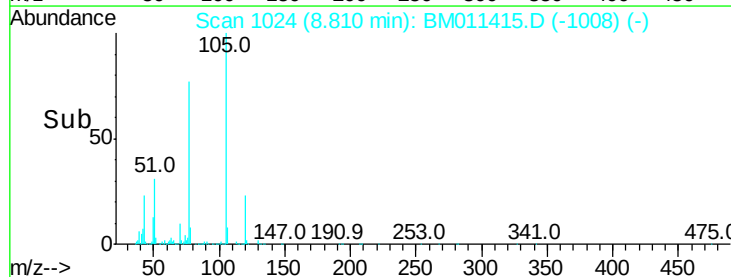
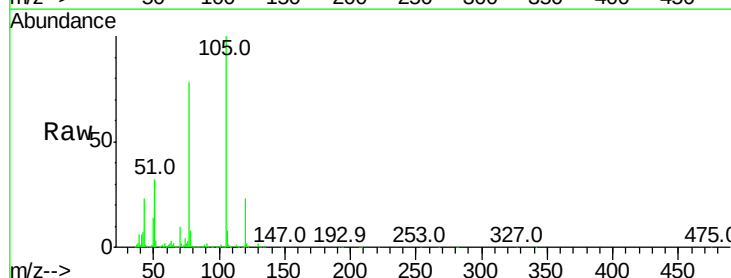
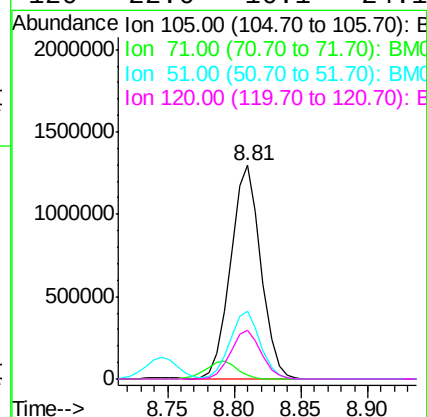
Manual Integrations
APPROVED

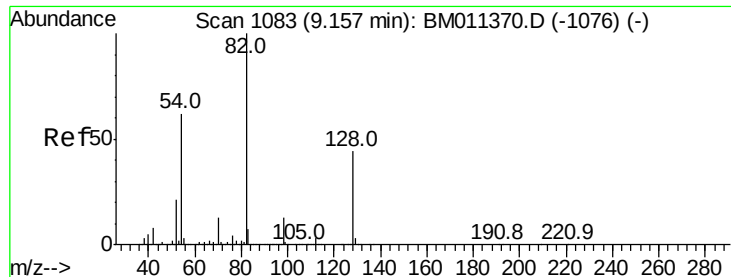
mohammad
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#22
Acetophenone
Concen: 40.220 ng
RT: 8.81 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.6	1.0#
51	31.8	21.6	32.4
120	22.6	16.1	24.1





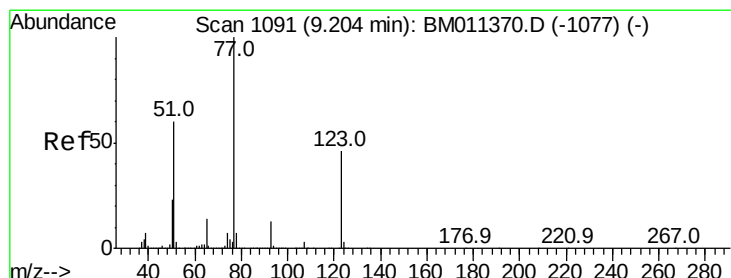
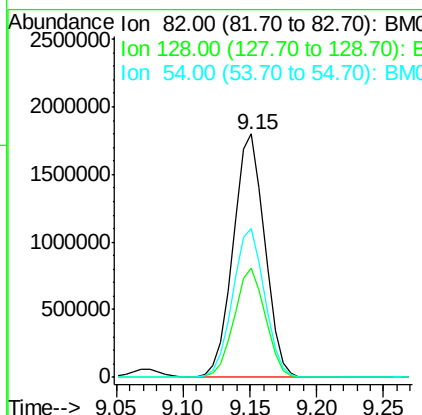
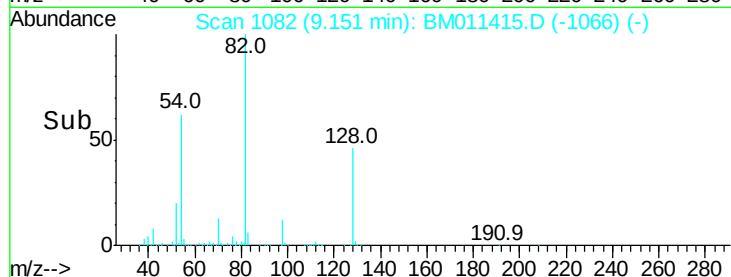
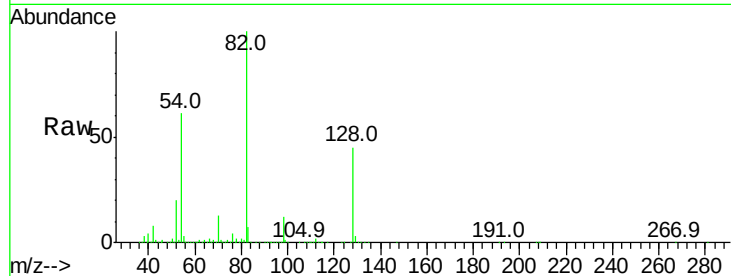
#23
 Nitrobenzene-d5
 Concen: 94.985 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.8	49.2
54	61.1	40.6	60.8

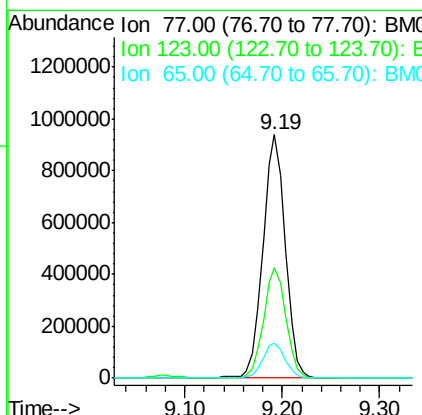
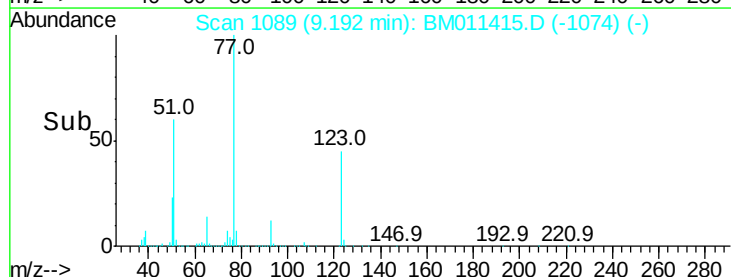
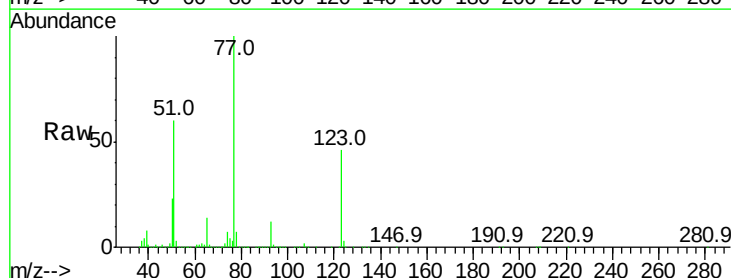
Manual Integrations
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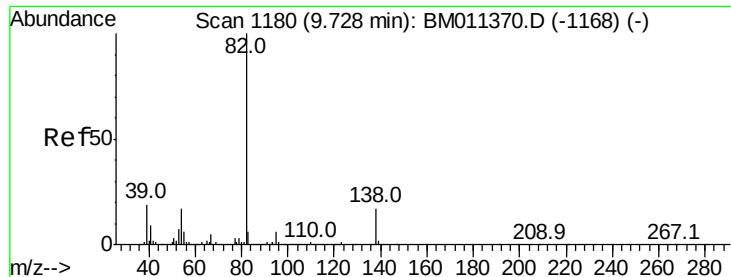
mohammad
 9/5/2017 4:58:40 PM



#24
 Nitrobenzene
 Concen: 44.065 ng
 RT: 9.19 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	32.6	49.0
65	14.4	10.9	16.3





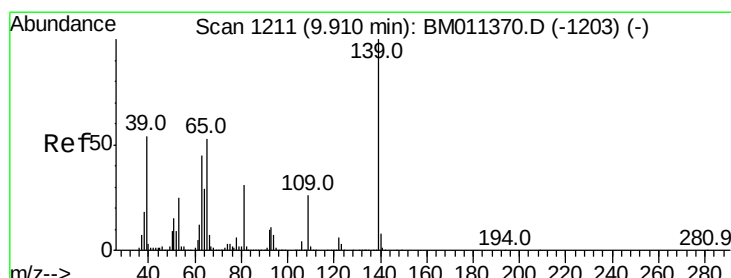
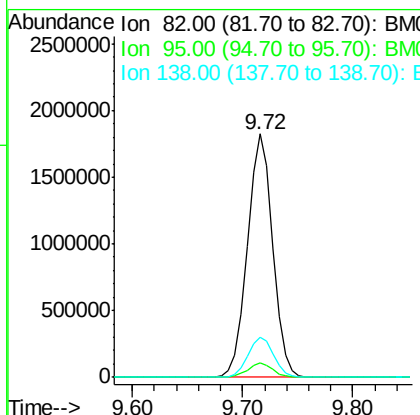
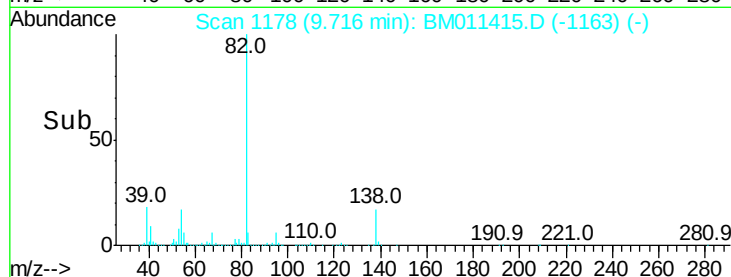
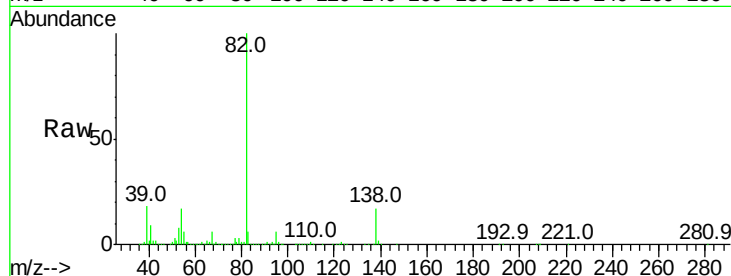
#25
Isophorone
Concen: 42.017 ng
RT: 9.72 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	5.9	5.8	8.6
138	16.6	16.3	24.5

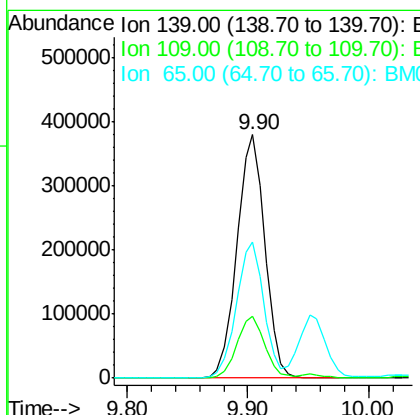
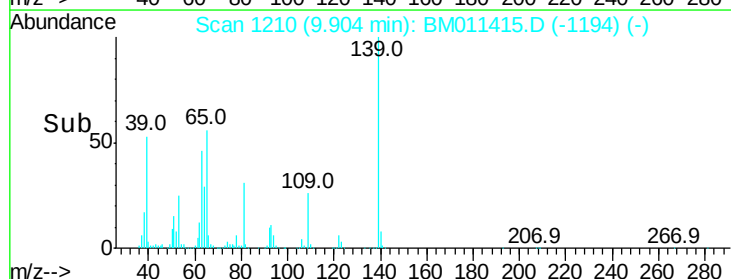
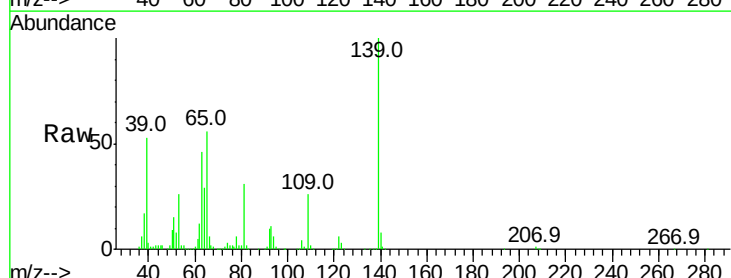
Manual Integrations
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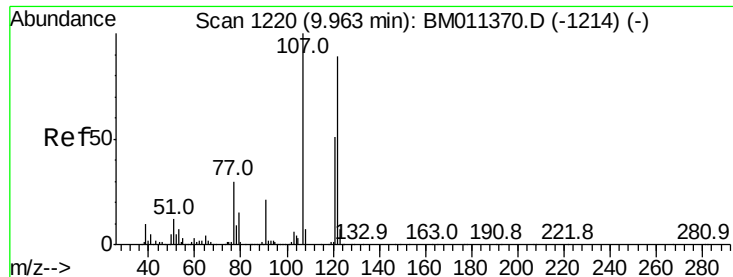
mohammad
9/5/2017 4:58:40 PM



#26
2-Nitrophenol
Concen: 42.127 ng
RT: 9.90 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.5	20.1	30.1
65	55.7	31.5	47.3





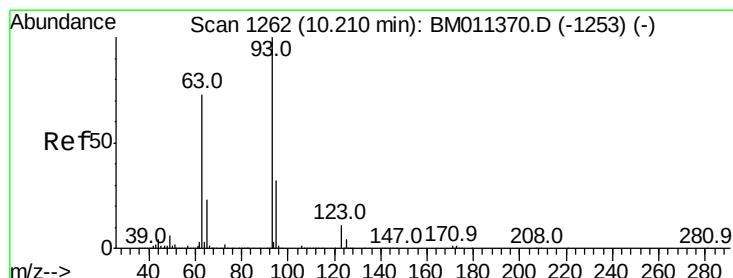
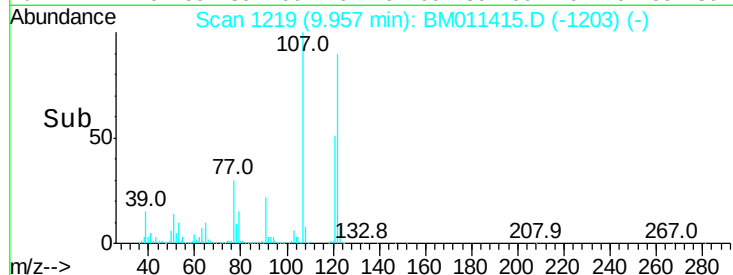
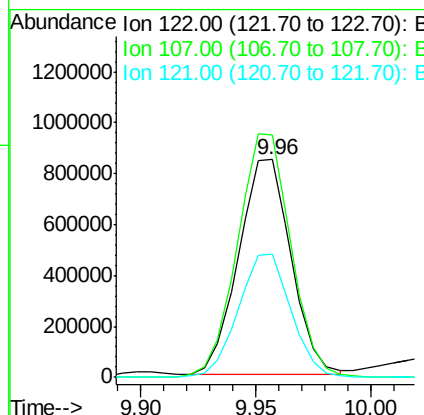
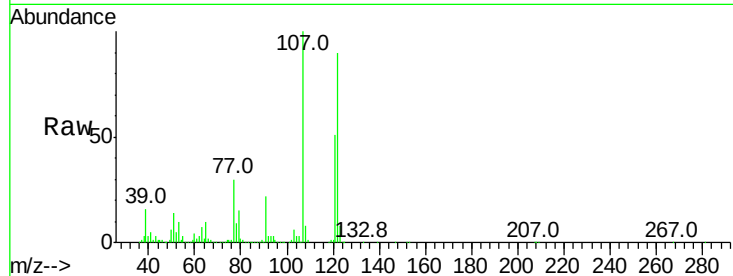
#27
2,4-Dimethylphenol
Concen: 41.151 ng
RT: 9.96 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	84.7	127.1
121	56.8	46.6	69.8

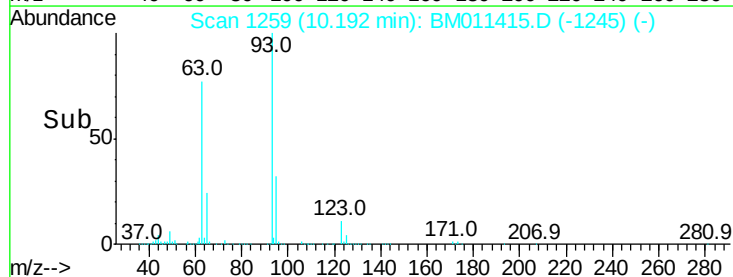
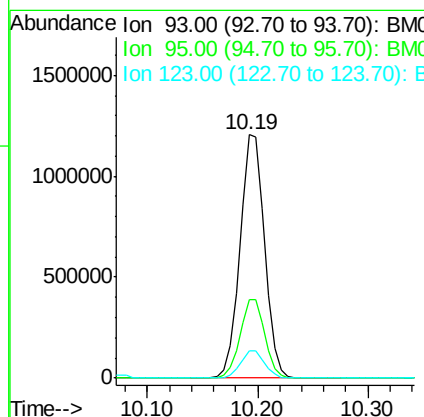
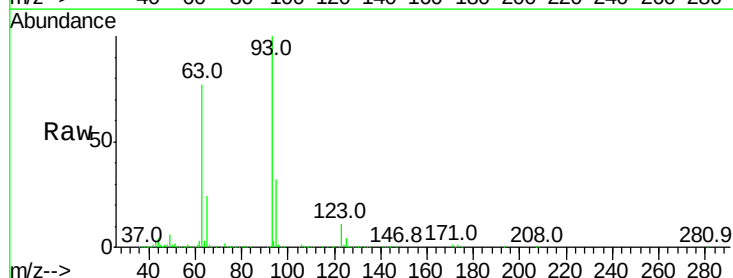
Manual Integrations
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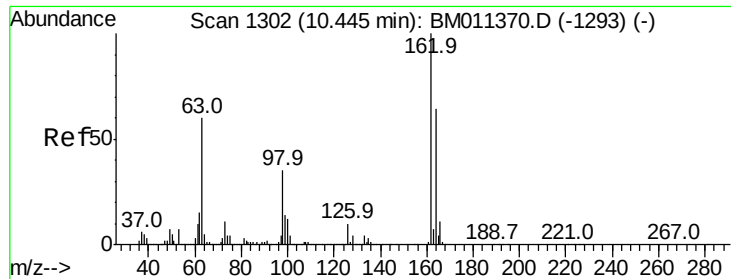
mohammad
9/5/2017 4:58:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.699 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	11.1	8.6	13.0





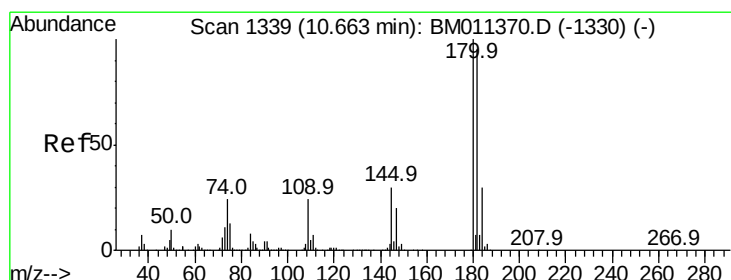
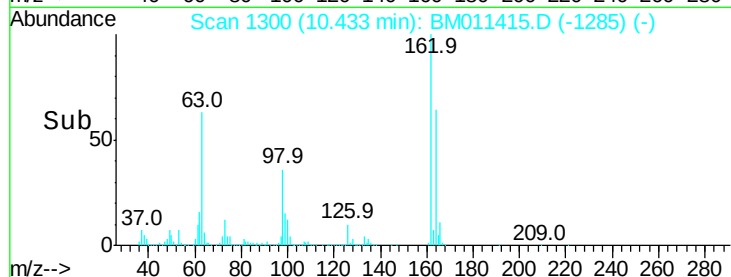
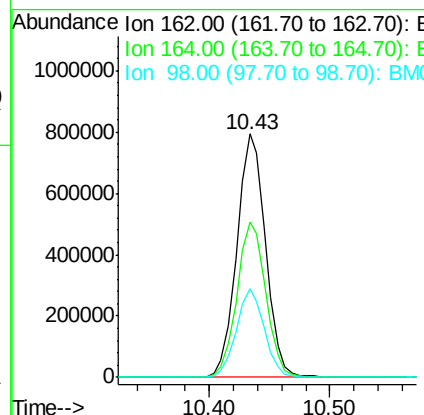
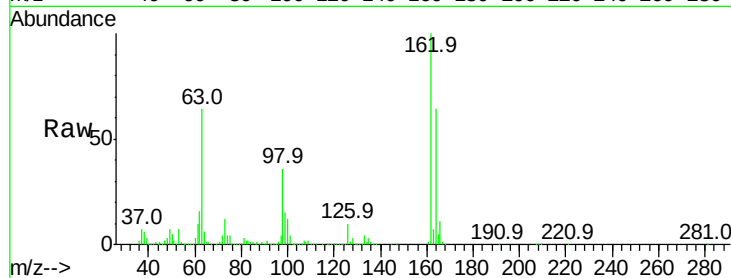
#29
2,4-Dichlorophenol
Concen: 43.258 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.8	82.8
98	36.3	14.5	54.5

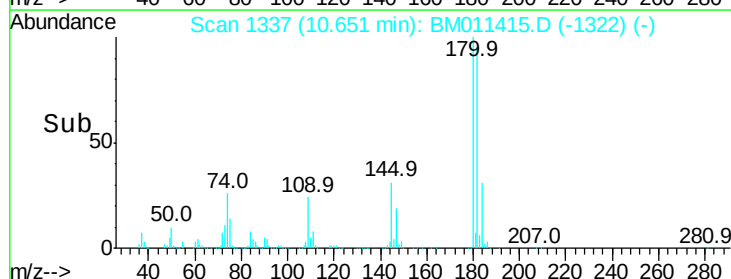
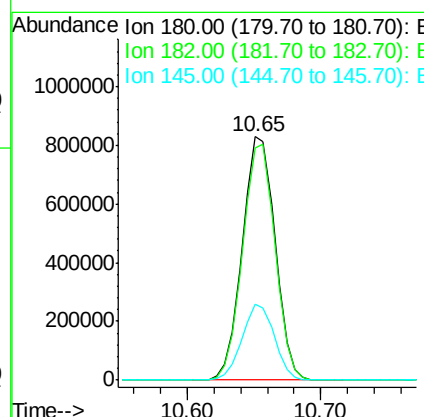
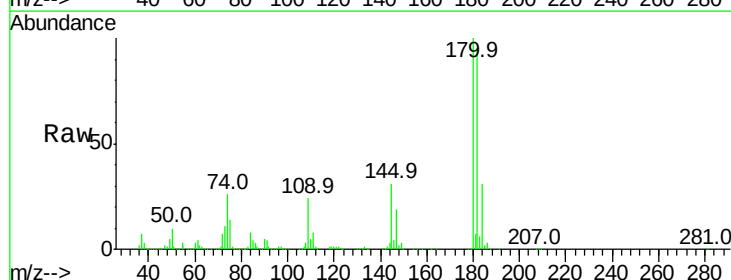
Manual Integrations
APPROVED

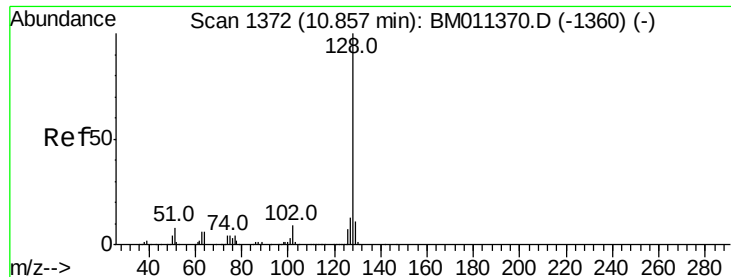
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.831 ng
RT: 10.65 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	31.1	23.4	35.2





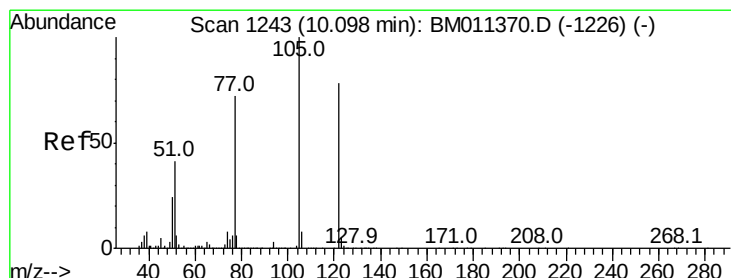
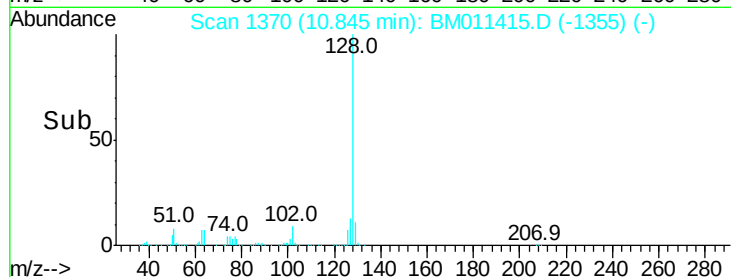
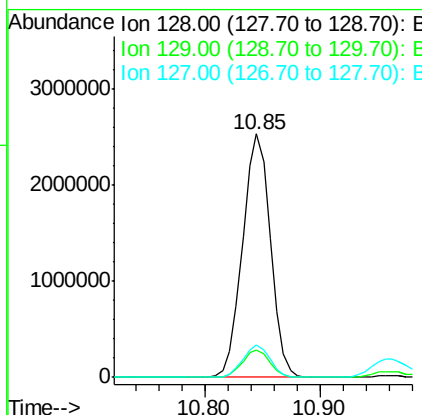
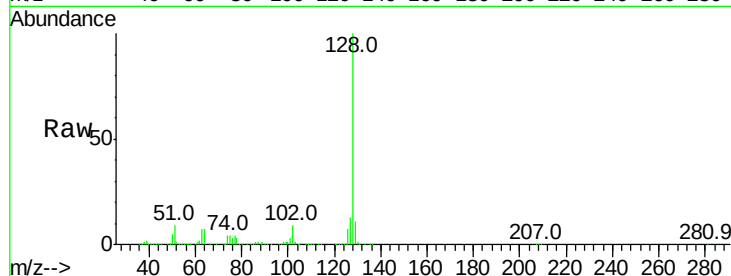
#31
Naphthalene
Concen: 38.362 ng
RT: 10.85 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.1	10.4	15.6

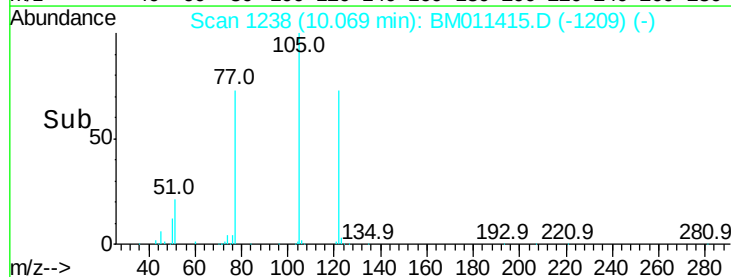
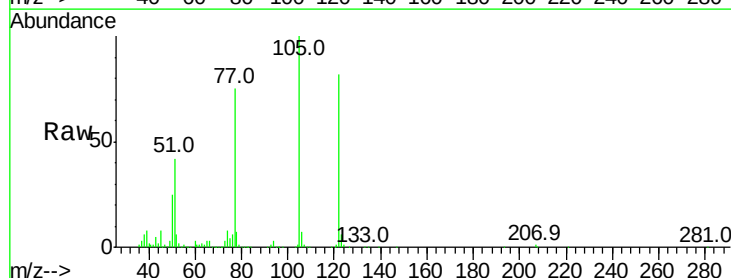
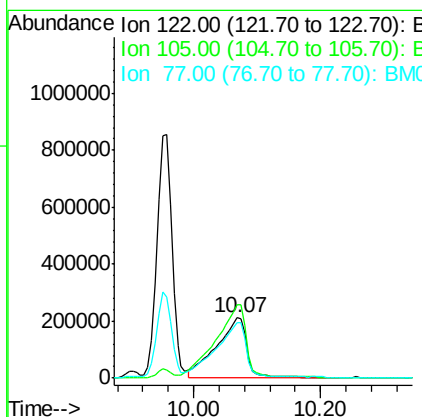
Manual Integrations
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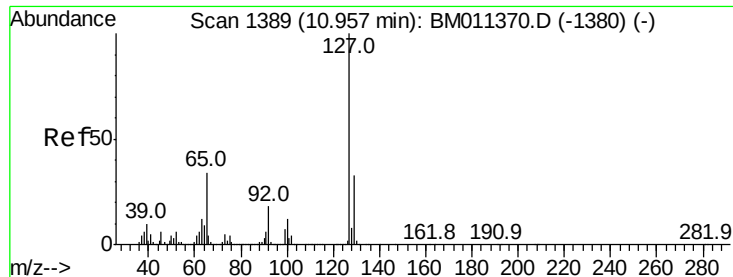
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#32
Benzoic acid
Concen: 33.705 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.03 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	99.9	139.9
77	92.2	73.7	113.7





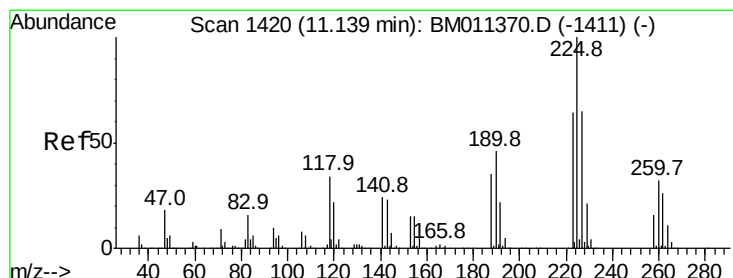
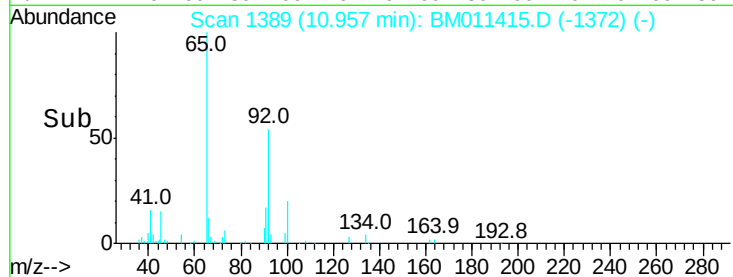
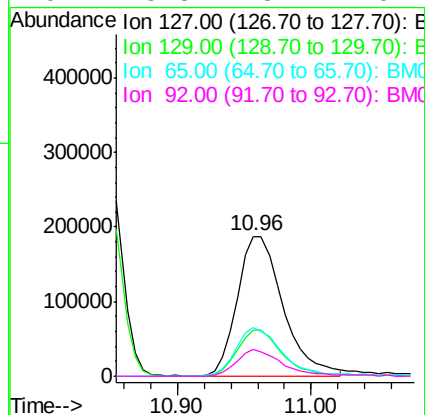
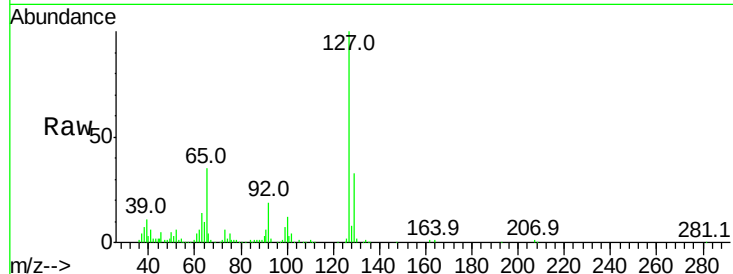
#33
4-Chloroaniline
Concen: 9.153 ng
RT: 10.96 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	35.0	17.6	26.4
92	18.8	13.1	19.7

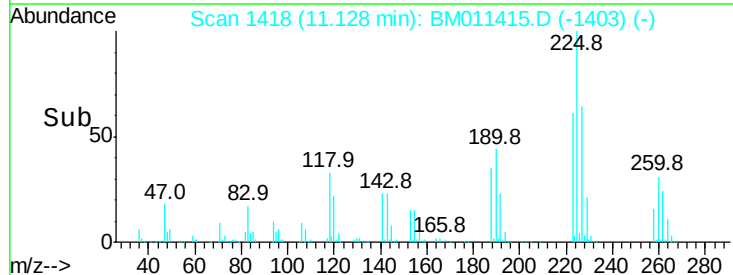
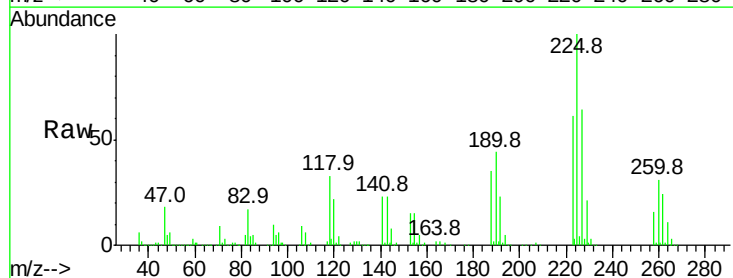
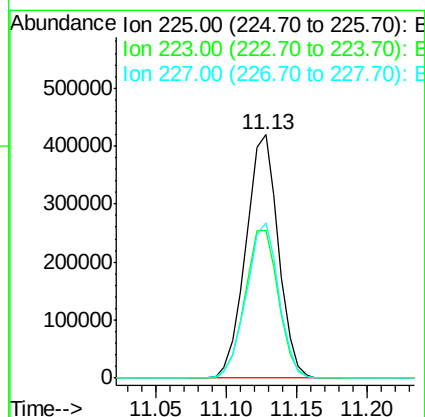
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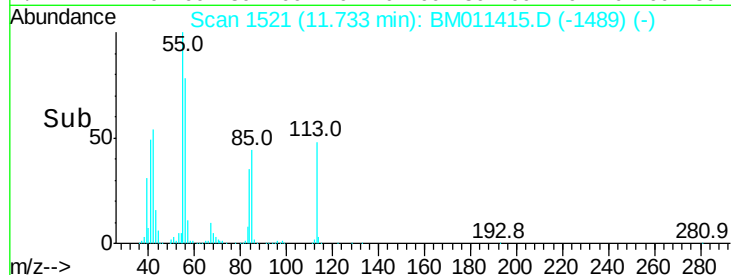
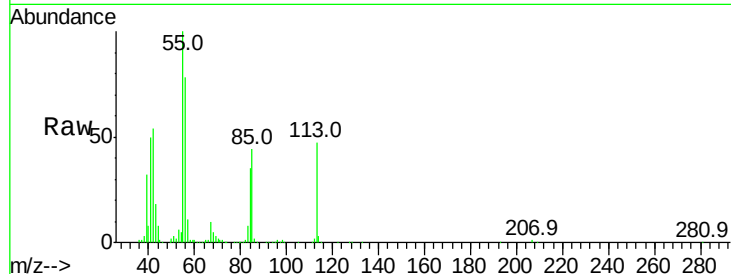
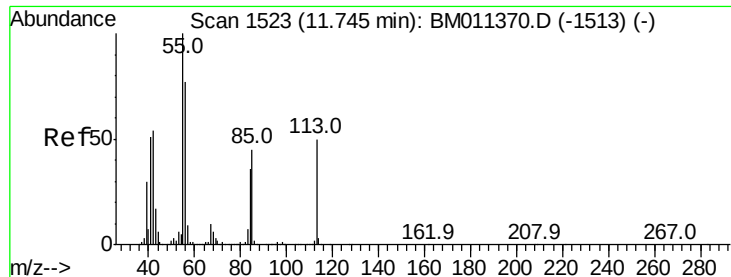
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#34
Hexachlorobutadiene
Concen: 35.346 ng
RT: 11.13 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	47.9	71.9
227	63.8	50.1	75.1





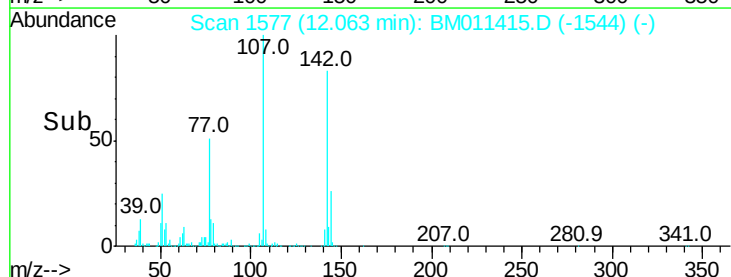
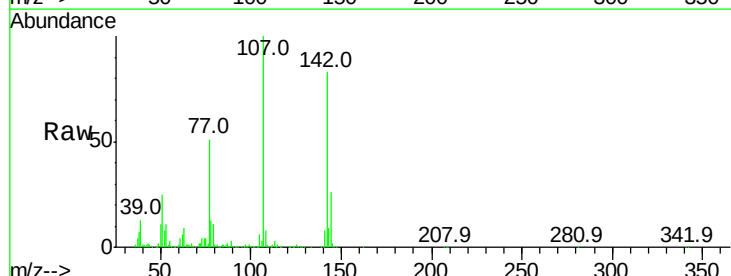
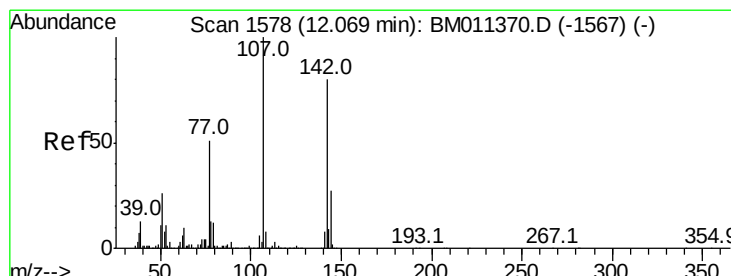
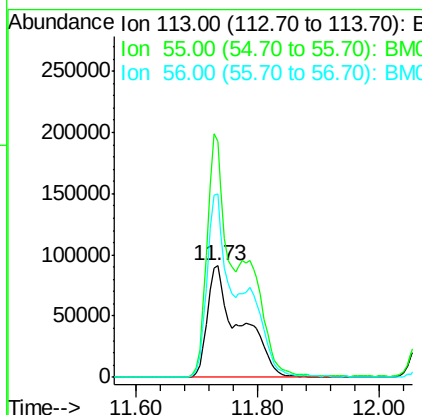
#35
Caprolactam
Concen: 31.185 ng/ml
RT: 11.73 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.9	145.9	185.9#
56	164.7	101.0	141.0#

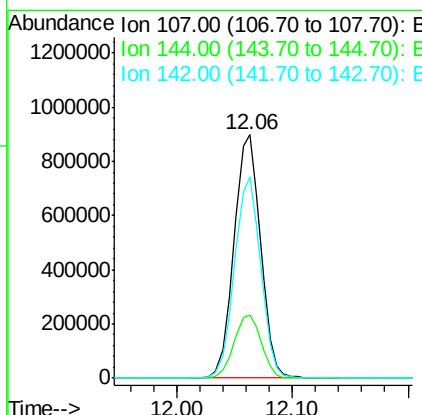
Manual Integrations
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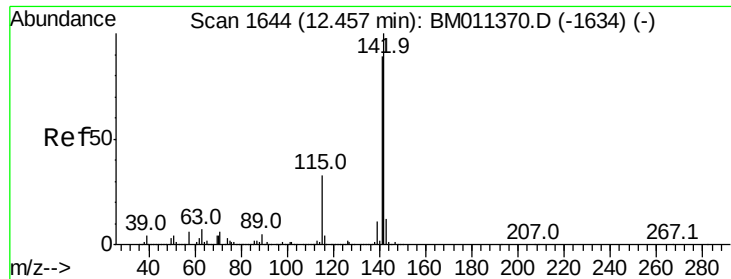
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#36
4-Chloro-3-methylphenol
Concen: 40.127 ng
RT: 12.06 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	23.3	34.9
142	82.8	72.6	109.0





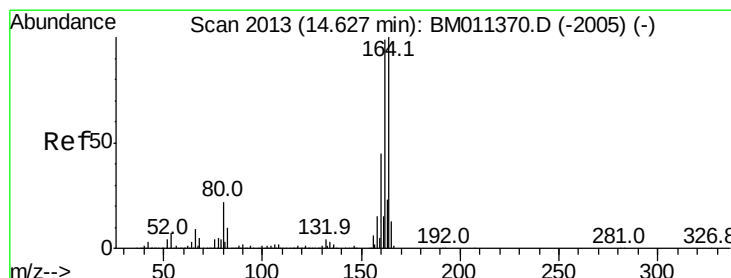
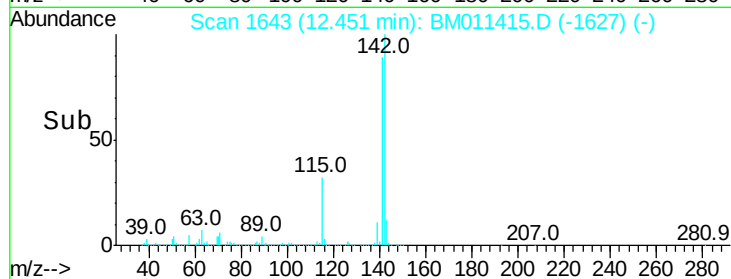
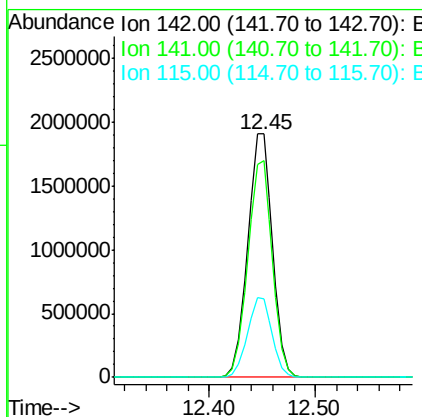
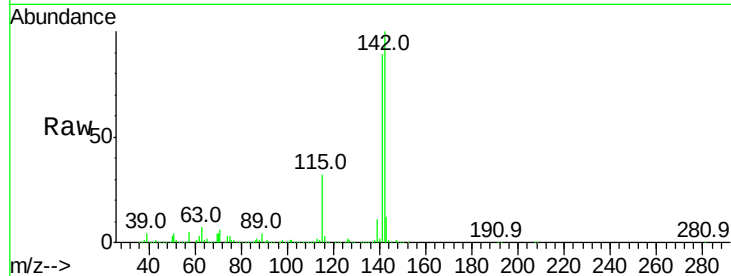
#37
 2-Methylnaphthalene
 Concen: 40.510 ng
 RT: 12.45 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9
115	32.3	25.4	38.0

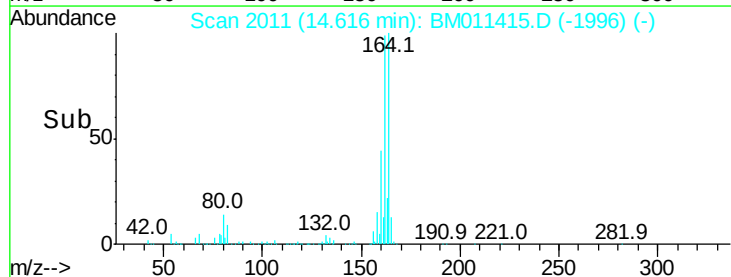
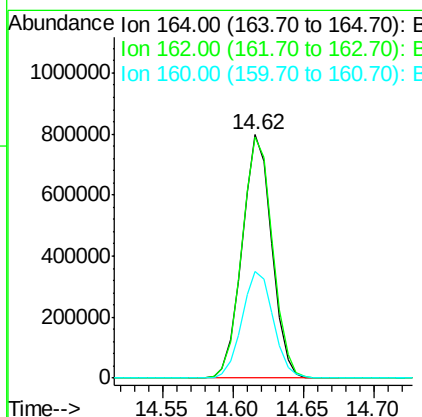
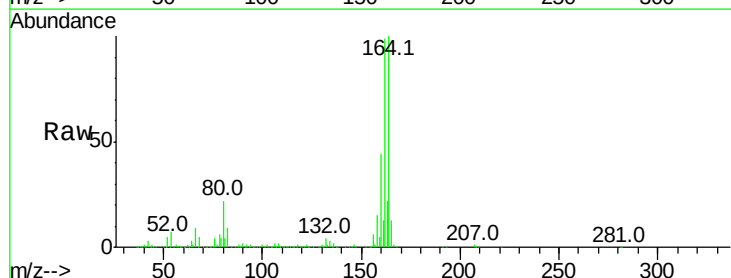
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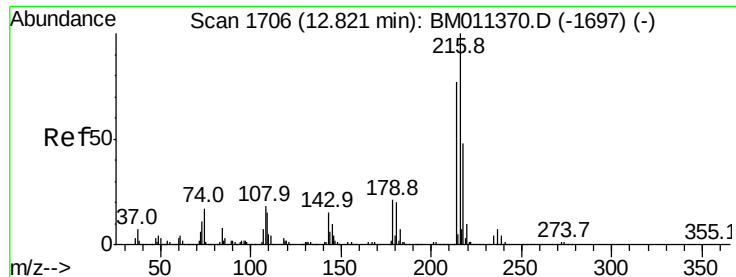
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.4	123.6
160	44.1	35.8	53.6





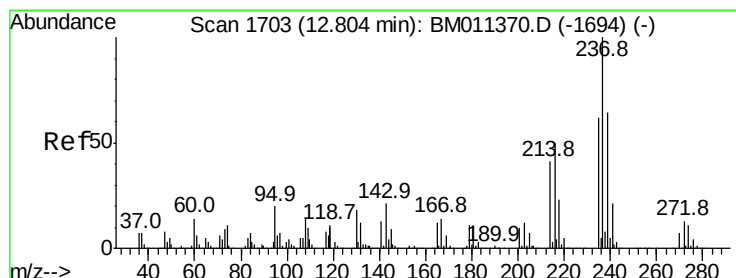
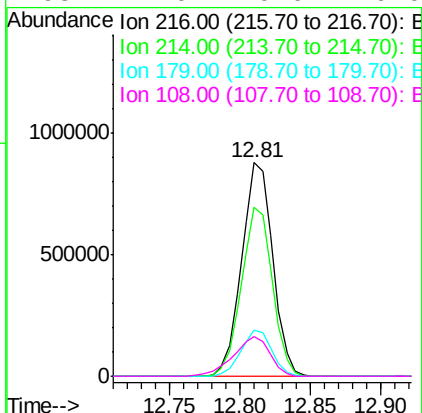
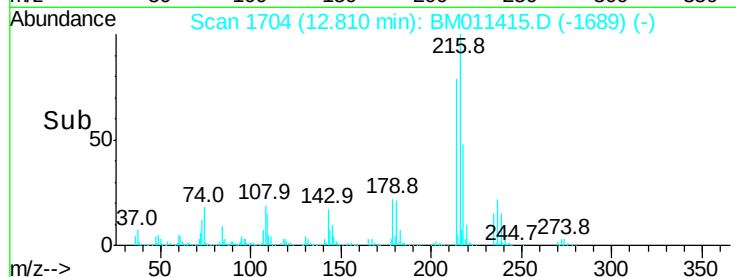
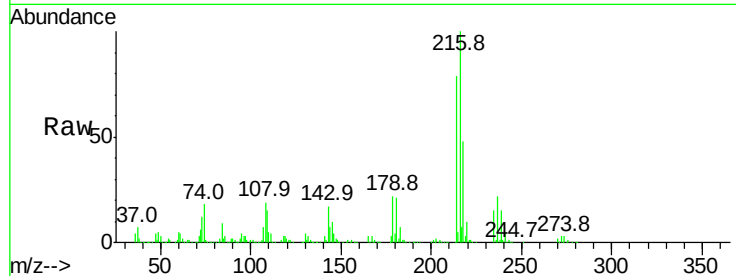
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.449 ng
 RT: 12.81 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	21.3	0.0	0.0#
108	22.0	0.0	0.0#

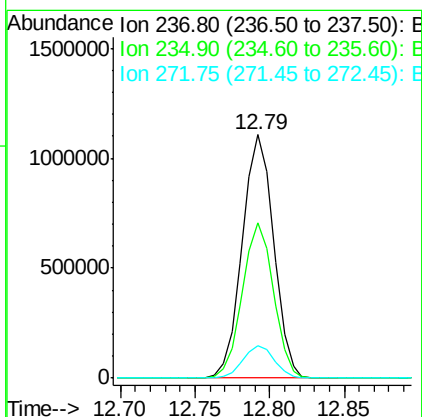
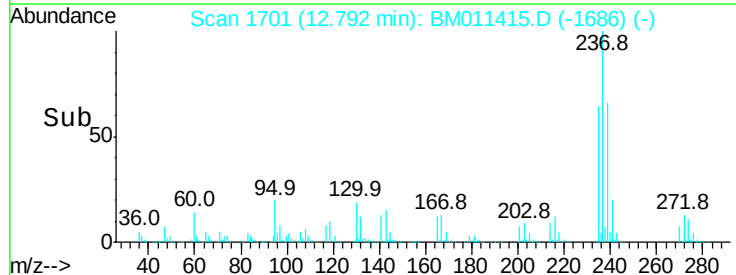
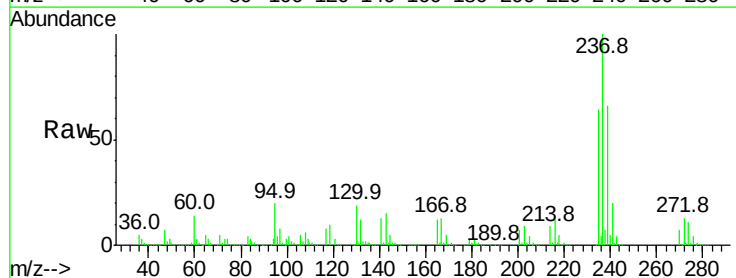
Manual Integrations
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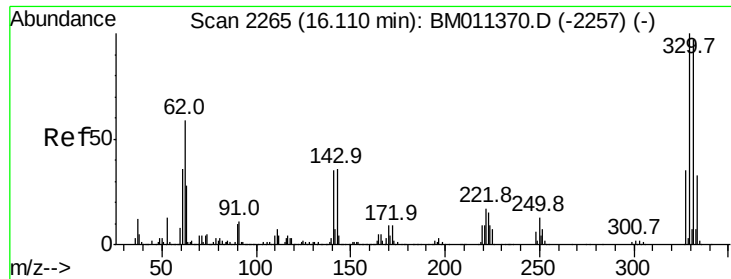
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#40
 Hexachlorocyclopentadiene
 Concen: 99.797 ng
 RT: 12.79 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.0	82.0
272	13.3	0.0	33.4





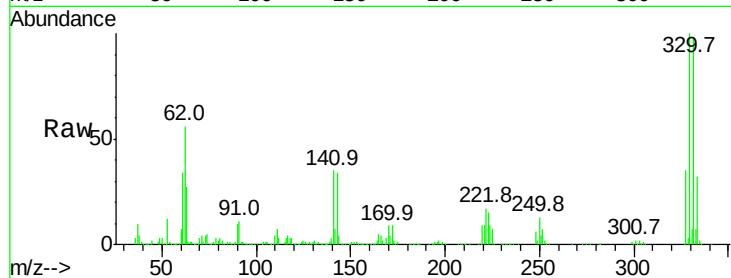
#41
 2,4,6-Tribromophenol
 Concen: 142.125 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

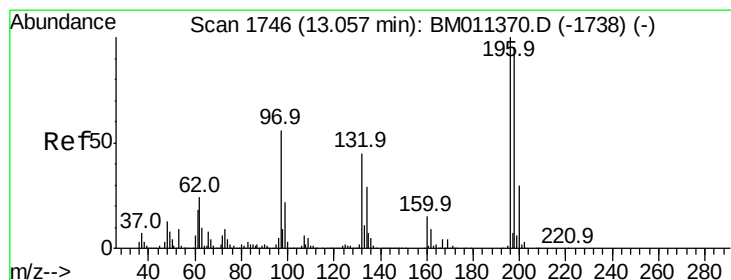
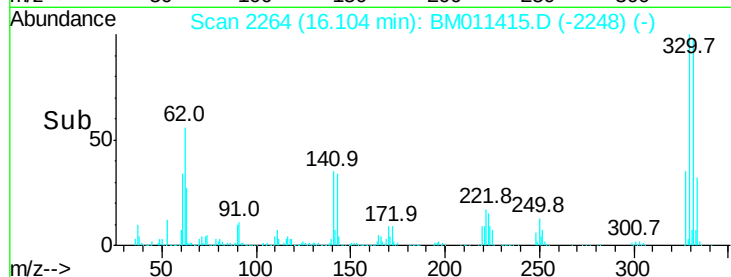
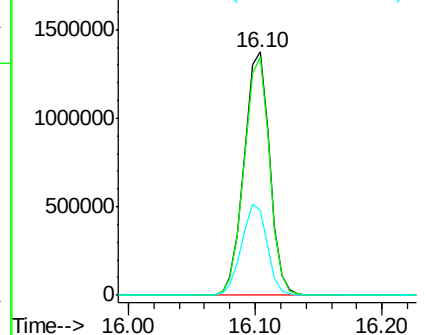
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	0.0	0.0	0.0
141	37.5	0.0	0.0	0.0

Manual Integrations
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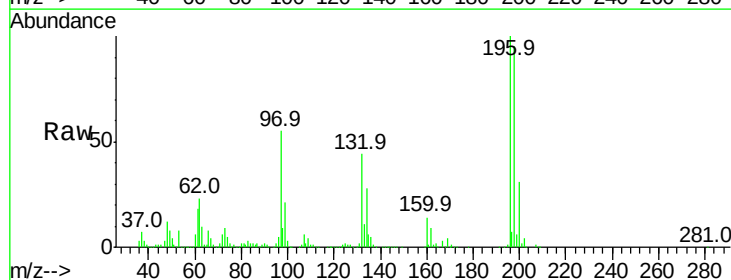


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

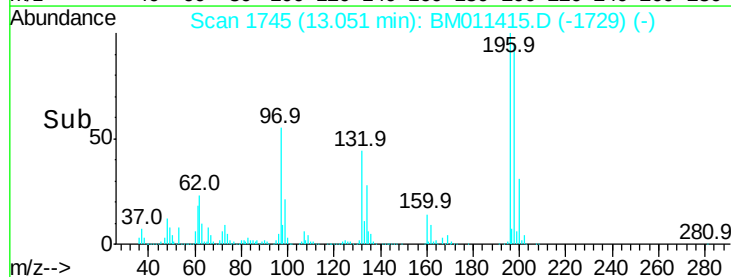
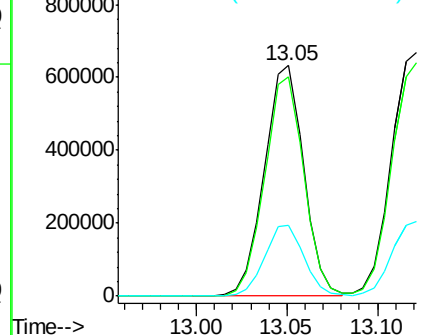


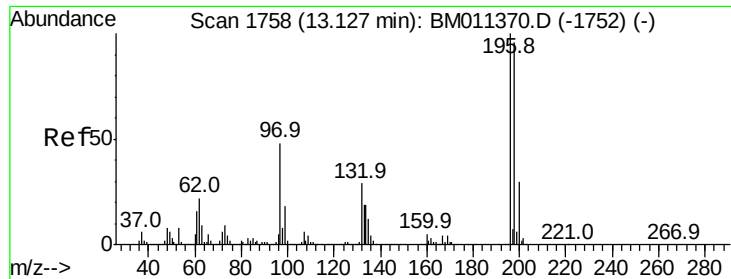
#42
 2,4,6-Trichlorophenol
 Concen: 41.006 ng
 RT: 13.05 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.0	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





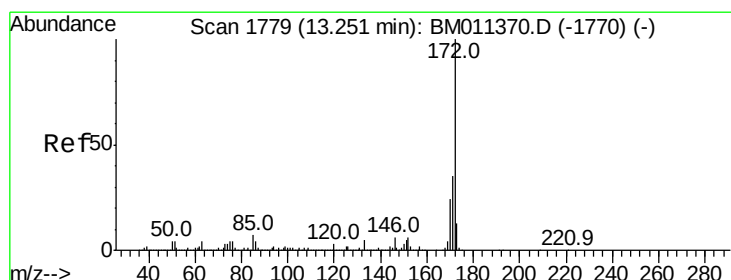
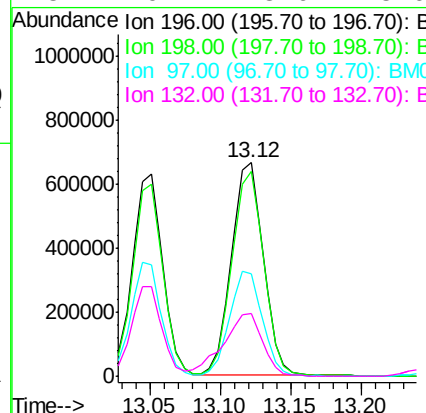
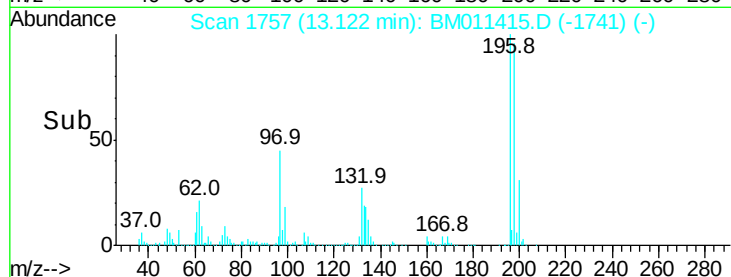
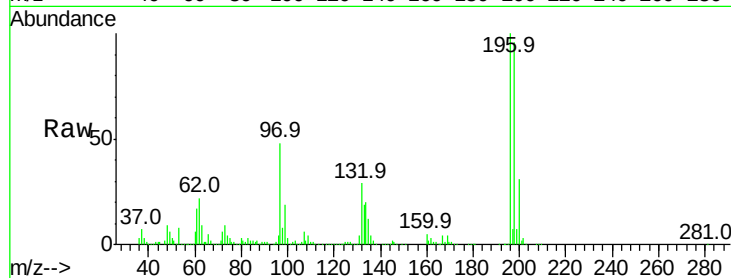
#43
 2,4,5-Trichlorophenol
 Concen: 44.498 ng
 RT: 13.12 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.4	119.0
97	48.0	26.8	40.2#
132	29.2	18.6	28.0#

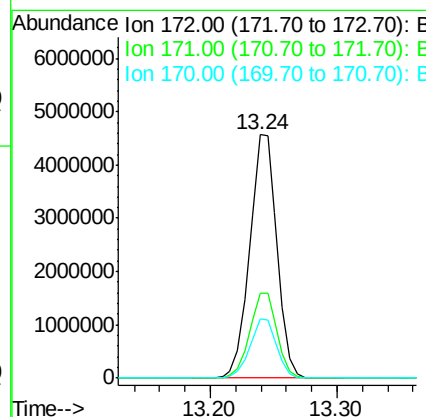
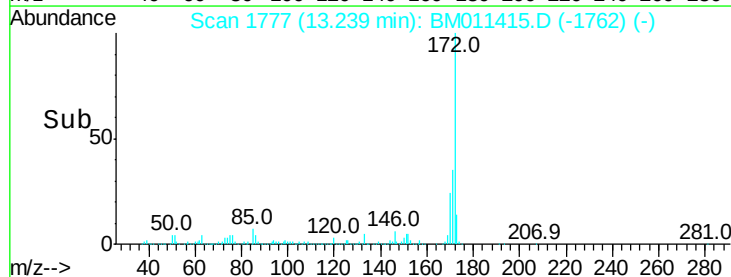
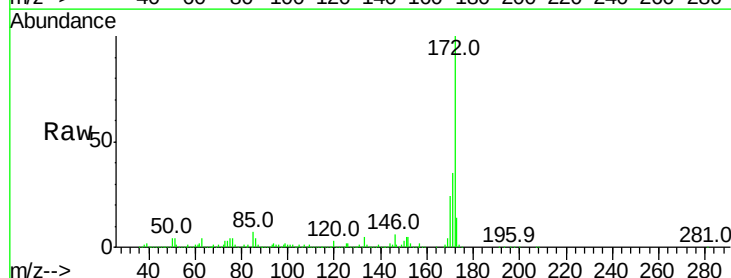
Manual Integrations
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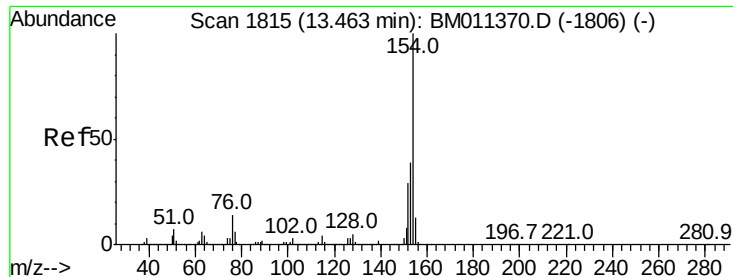
mohammad
 9/5/2017 4:58:40 PM



#44
 2-Fluorobiphenyl
 Concen: 83.566 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.2	18.8	28.2





#45

1,1'-Biphenyl

Concen: 37.576 ng

RT: 13.45 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:154 Resp: 3902167

Ion Ratio Lower Upper

154 100

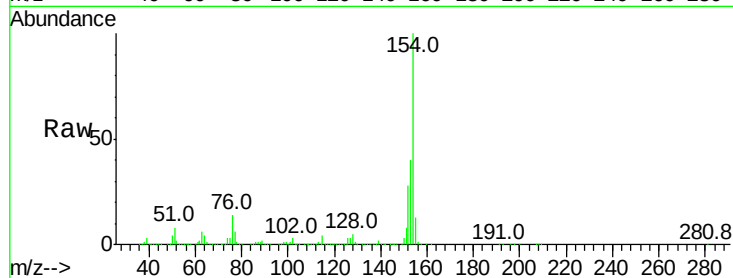
153 39.6 20.7 60.7

76 13.8 0.0 30.9

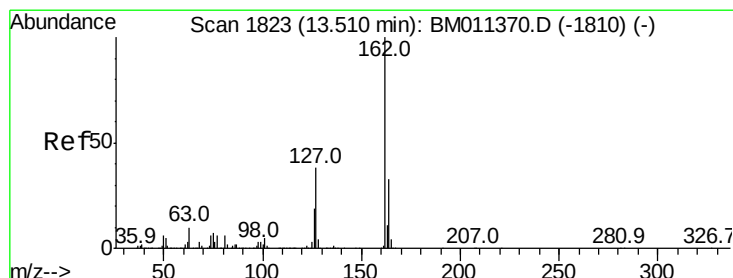
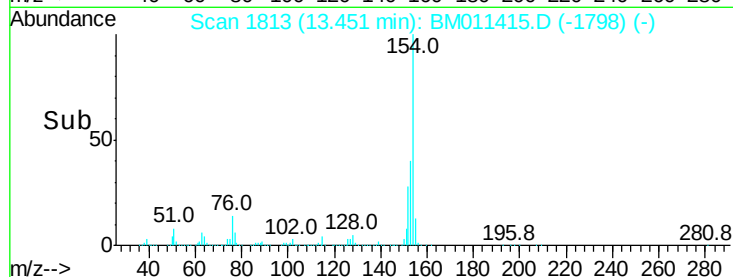
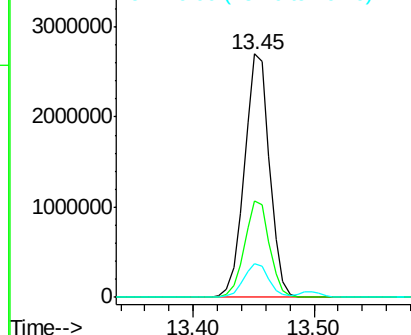
Manual Integrations
APPROVED

mohammad

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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: 38.588 ng

RT: 13.50 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

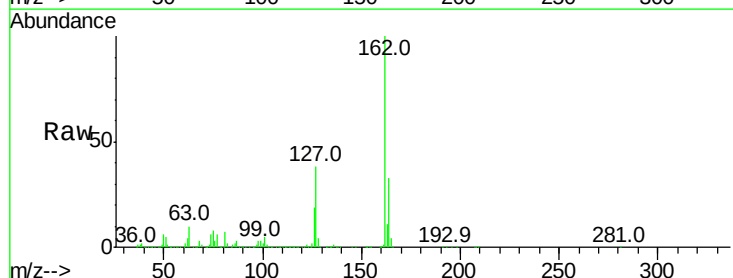
Tgt Ion:162 Resp: 2976789

Ion Ratio Lower Upper

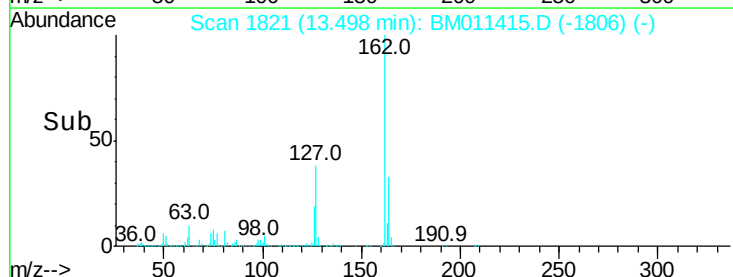
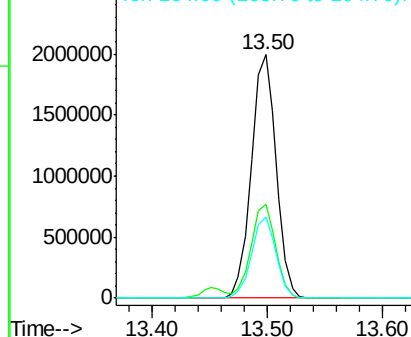
162 100

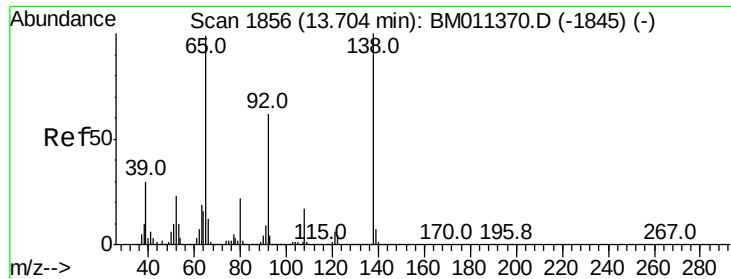
127 38.4 26.9 40.3

164 33.1 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





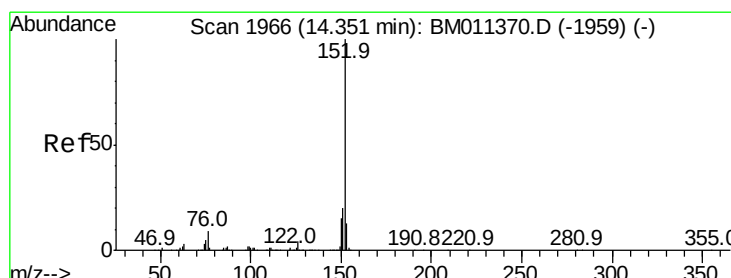
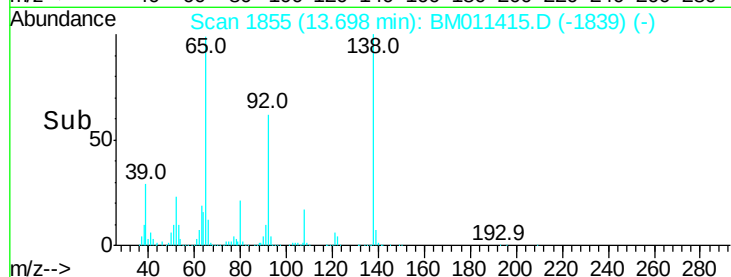
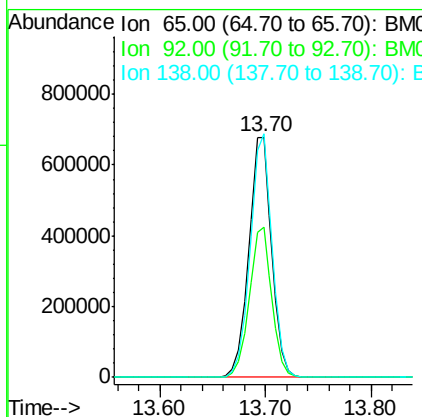
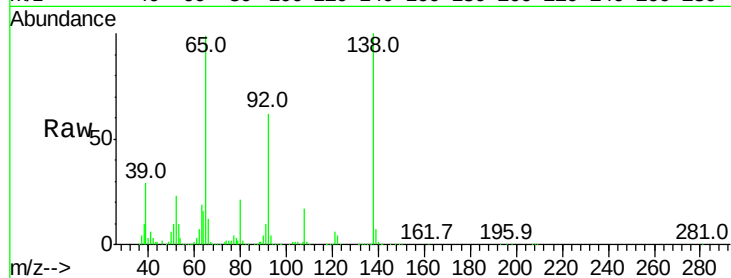
#47
2-Nitroaniline
Concen: 42.632 ng
RT: 13.70 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	59.1	88.7
138	101.3	93.9	140.9

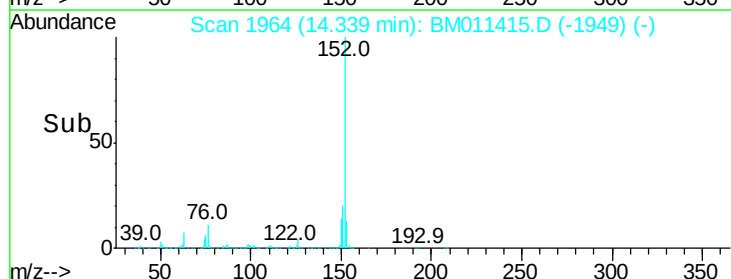
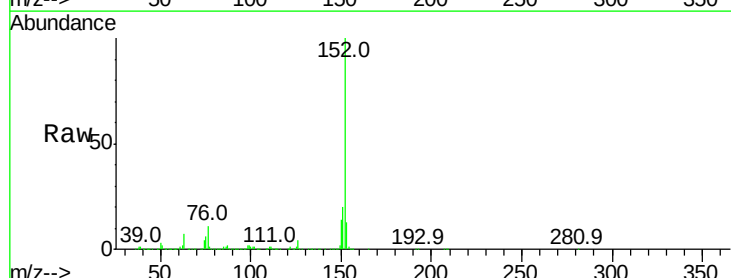
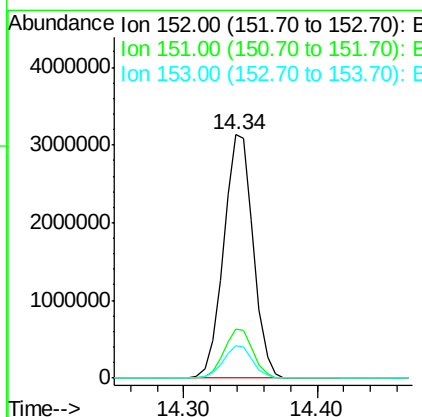
Manual Integrations
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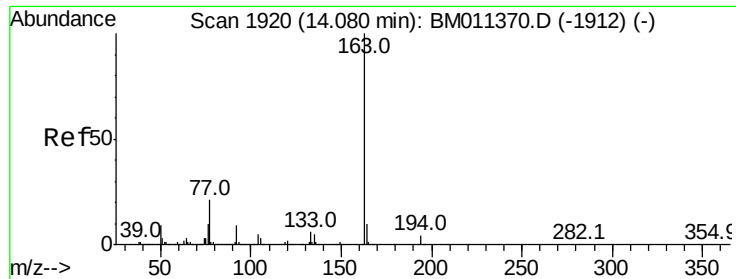
mohammad
9/5/2017 4:58:40 PM



#48
Acenaphthylene
Concen: 40.243 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.3	10.6	16.0





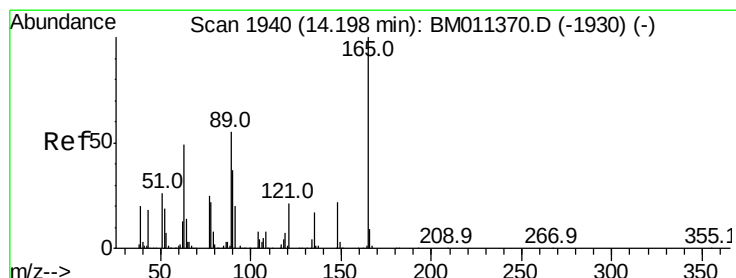
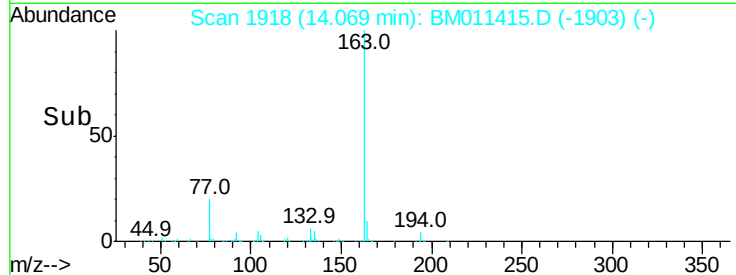
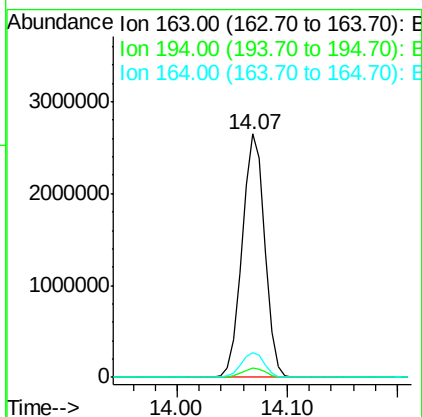
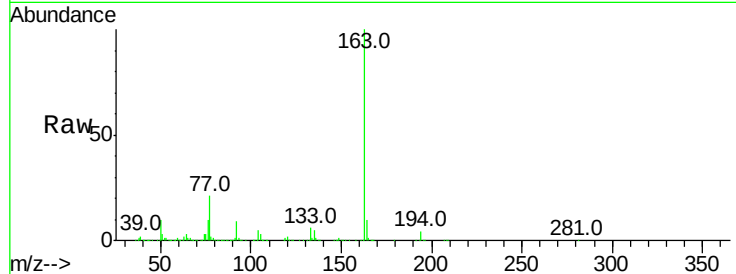
#49
Dimethylphthalate
Concen: 40.977 ng
RT: 14.07 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2

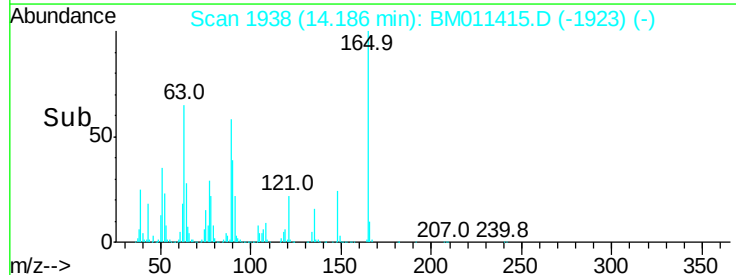
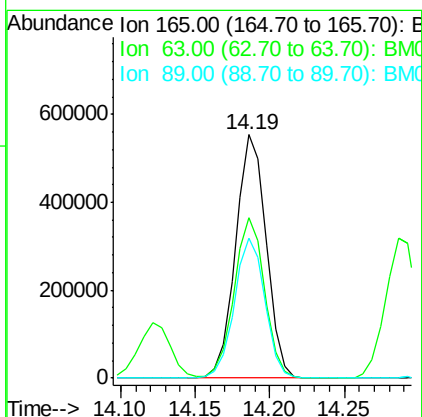
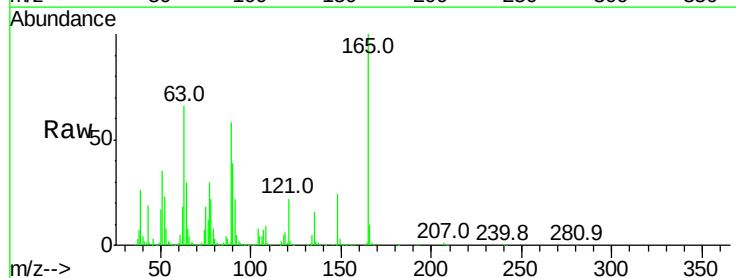
Manual Integrations
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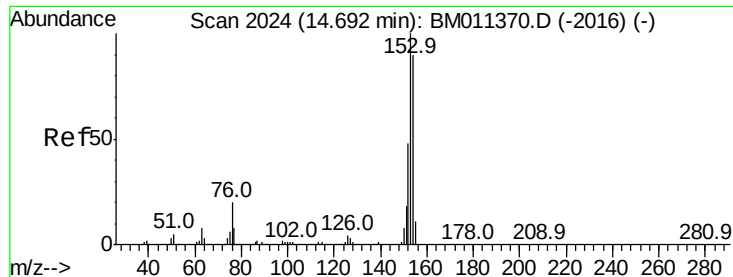
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.726 ng
RT: 14.19 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.1	44.1	66.1
89	57.7	44.3	66.5





#51

Acenaphthene

Concen: 39.205 ng

RT: 14.68 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:154 Resp: 3060001

Ion Ratio Lower Upper

154 100

153 111.8 90.0 135.0

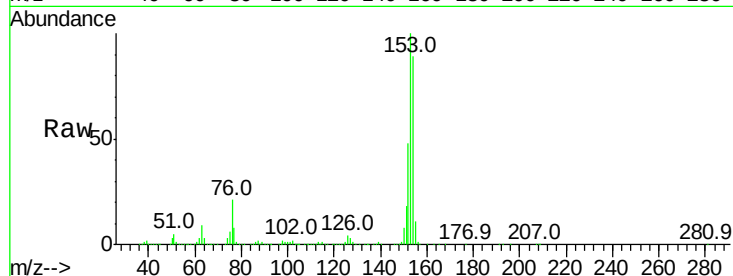
152 53.6 42.6 63.8

Manual Integrations

APPROVED

mohammad

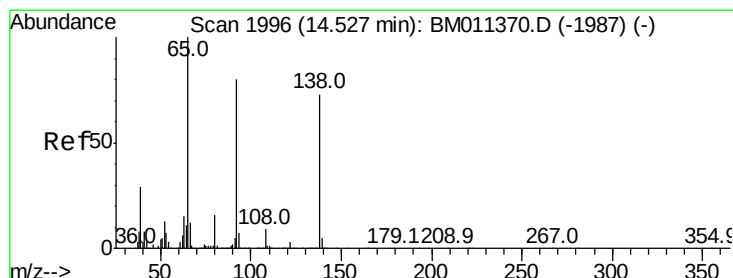
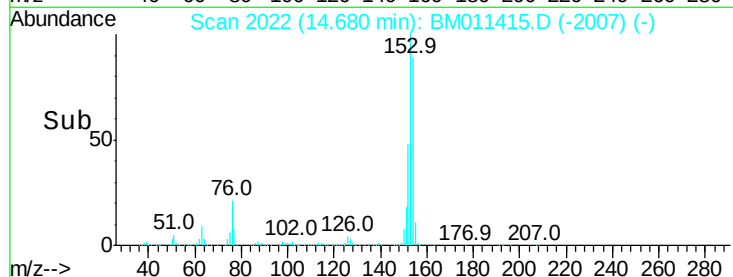
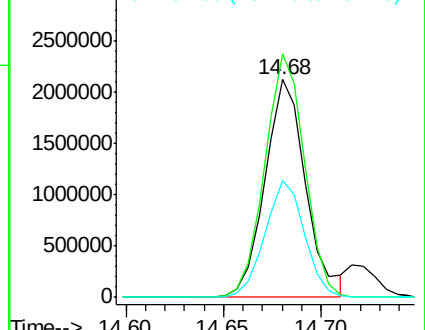
9/5/2017 4:58:40 PM



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: 37.052 ng

RT: 14.52 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

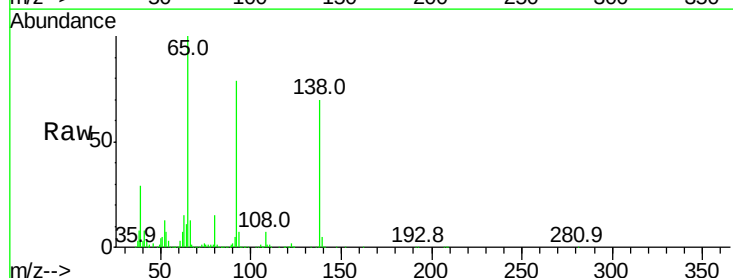
Tgt Ion:138 Resp: 846993

Ion Ratio Lower Upper

138 100

108 10.7 7.3 10.9

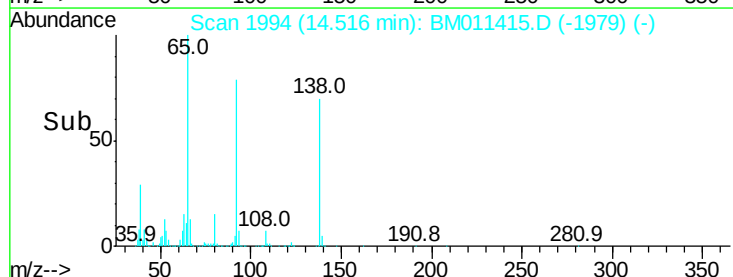
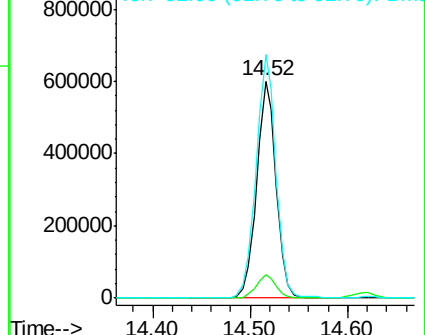
92 112.1 76.6 114.8

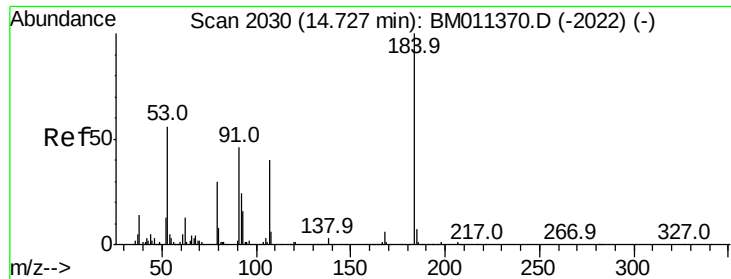


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0





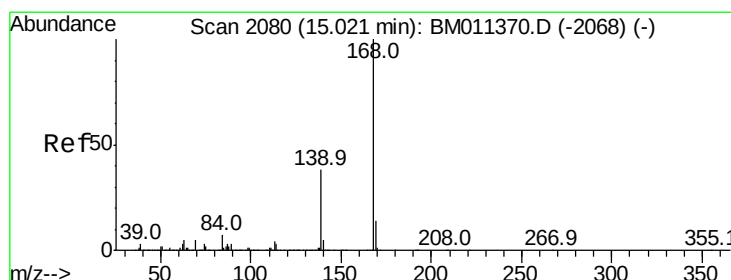
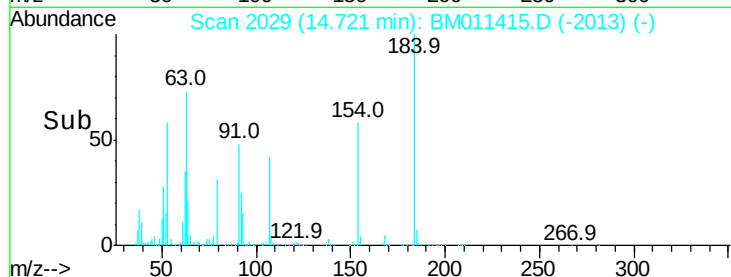
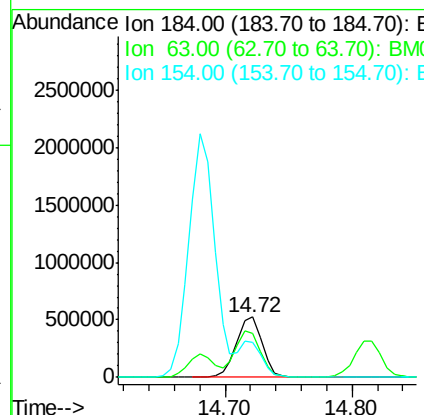
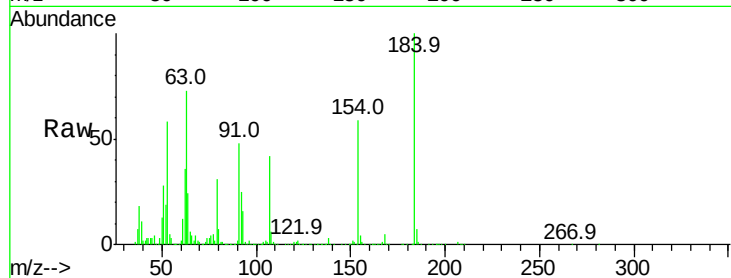
#53
2,4-Dinitrophenol
Concen: 89.174 ng
RT: 14.72 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	743060		
63	73.3	69.2	103.8	
154	58.7	53.3	79.9	

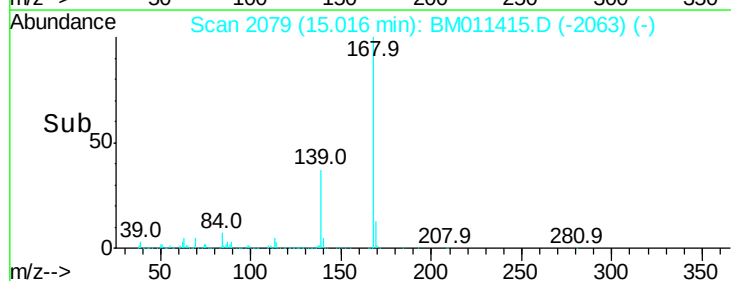
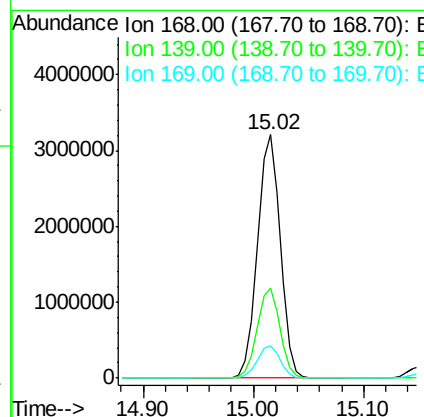
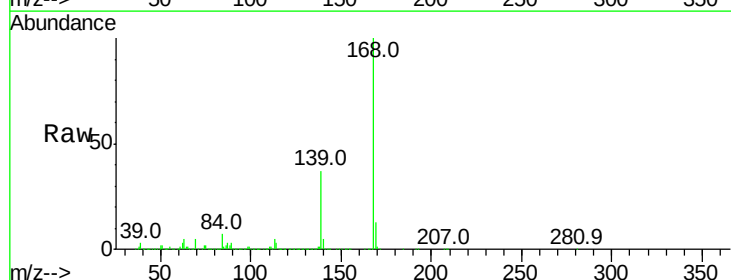
Manual Integrations
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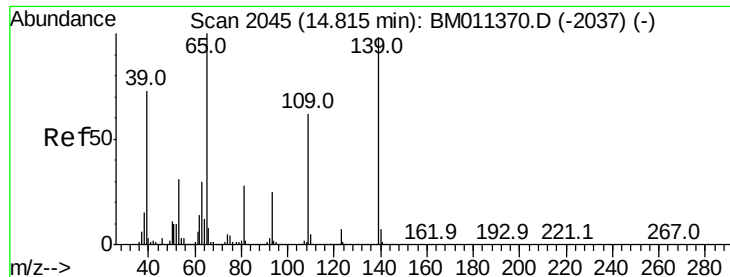
mohammad
9/5/2017 4:58:40 PM



#54
Dibenzofuran
Concen: 43.286 ng
RT: 15.02 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	4658623		
139	37.2	27.3	40.9	
169	13.4	10.6	16.0	





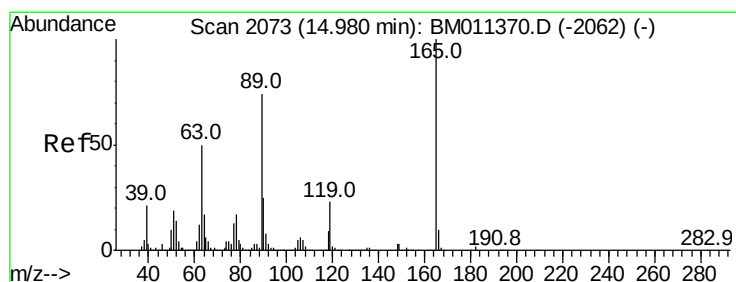
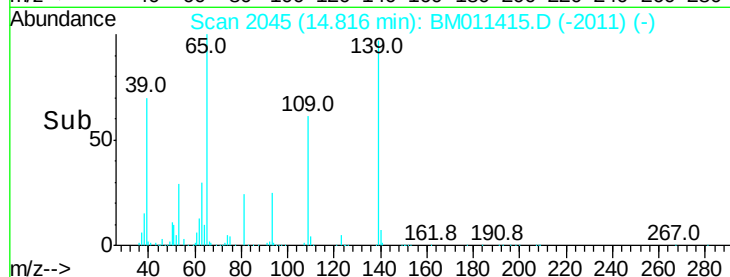
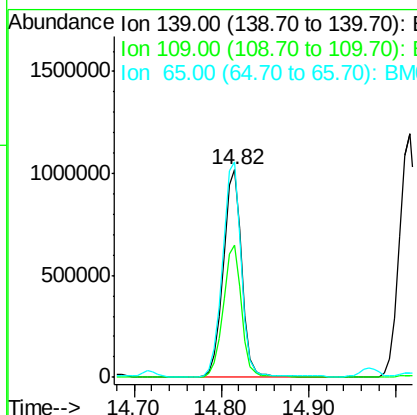
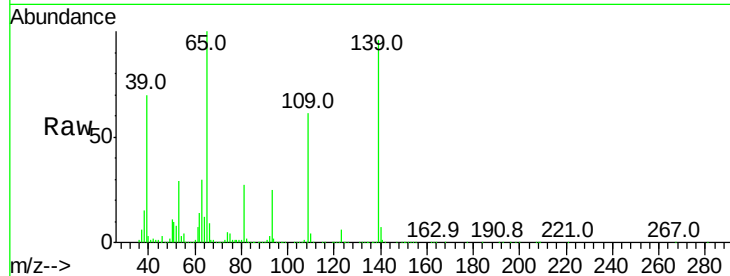
#55
4-Nitrophenol
Concen: 84.579 ng
RT: 14.82 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion:139 Resp: 1504673
Ion Ratio Lower Upper
139 100
109 63.4 130.0 170.0#
65 103.8 130.0 170.0#

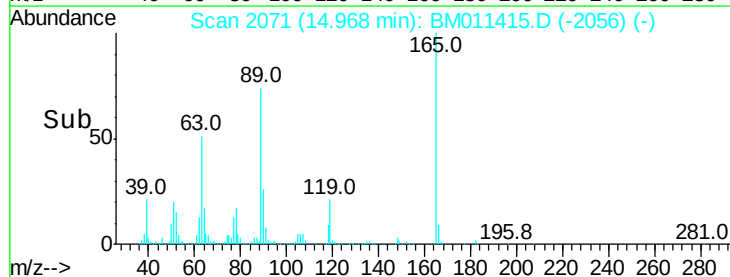
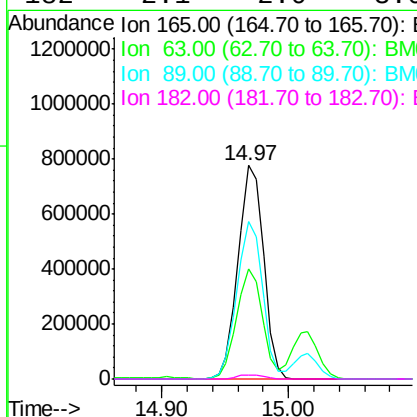
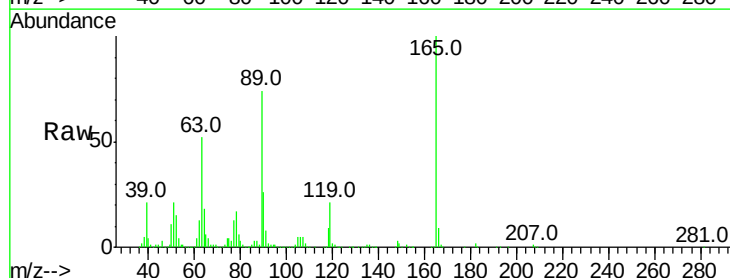
Manual Integrations
APPROVED

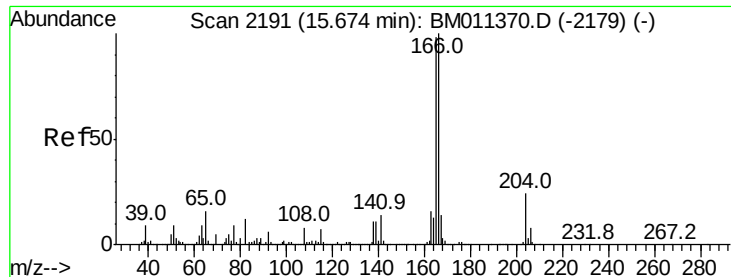
mohammad
9/5/2017 4:58:40 PM



#56
2,4-Dinitrotoluene
Concen: 44.124 ng
RT: 14.97 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion:165 Resp: 1085244
Ion Ratio Lower Upper
165 100
63 51.5 52.4 78.6#
89 74.0 72.4 108.6
182 2.1 2.0 3.0





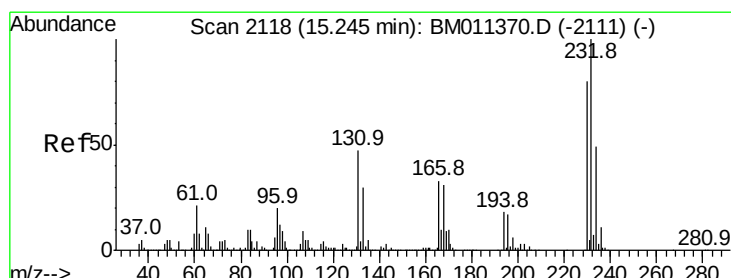
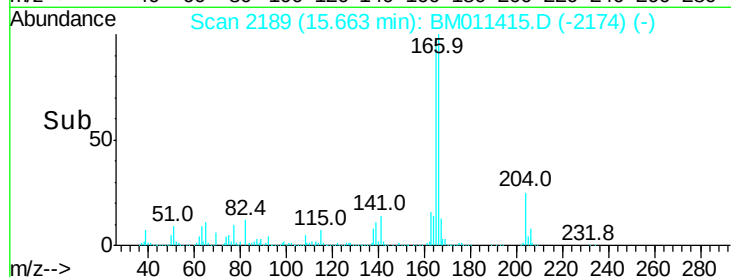
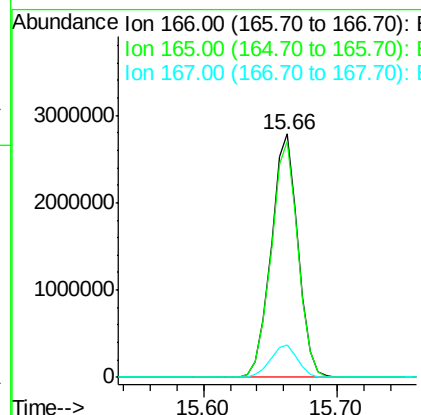
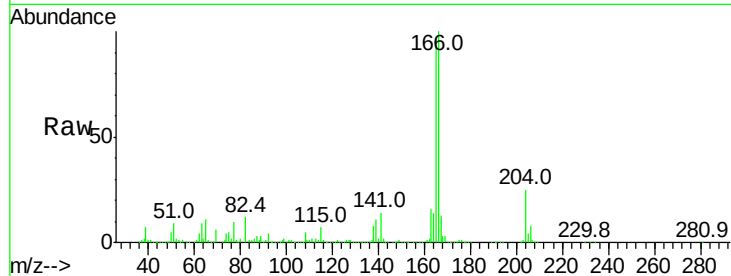
#57
 Fluorene
 Concen: 41.298 ng
 RT: 15.66 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.4
167	13.2	10.3	15.5

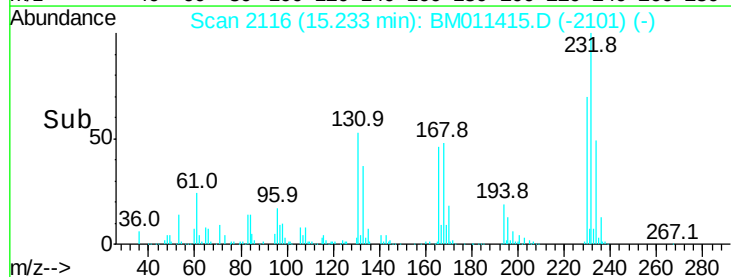
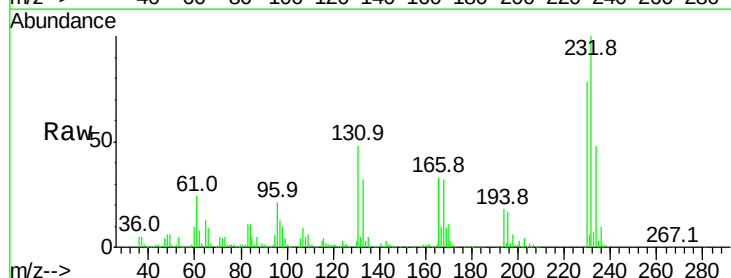
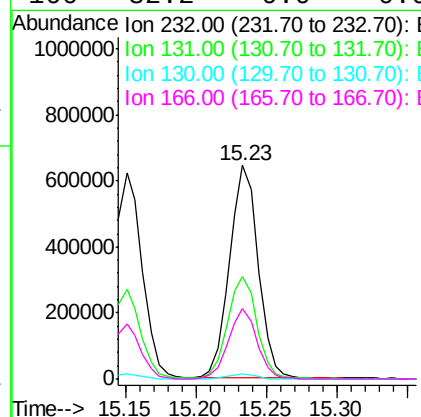
Manual Integrations
 APPROVED

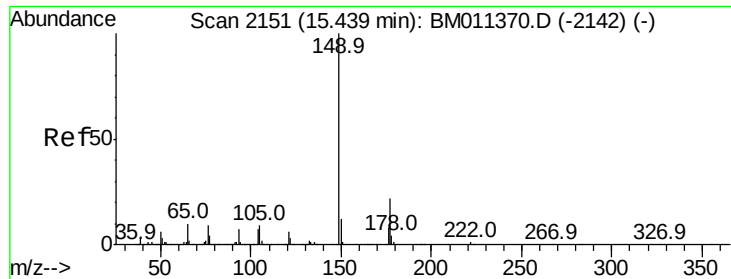
mohammad
 9/5/2017 4:58:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.635 ng
 RT: 15.23 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.6	0.0	0.0#
130	2.4	0.0	0.0#
166	32.2	0.0	0.0#





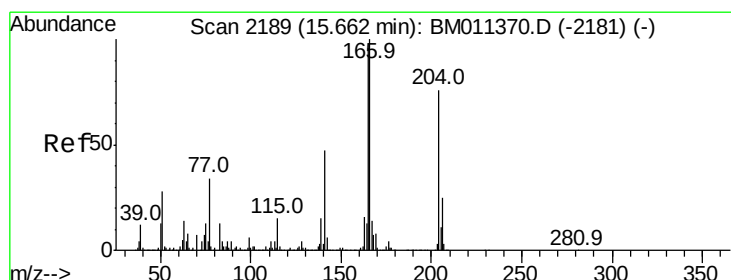
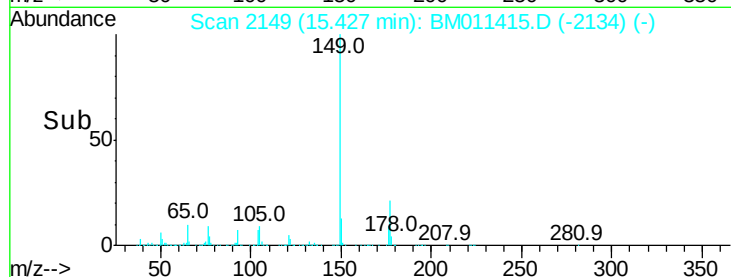
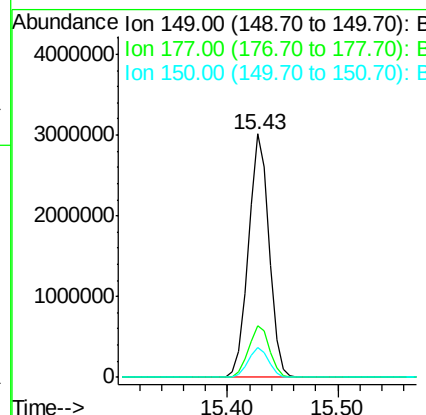
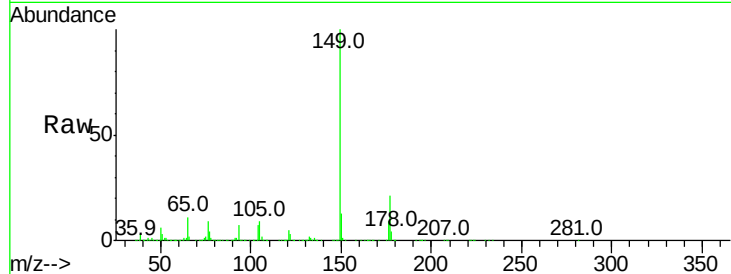
#59
Diethylphthalate
Concen: 41.229 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.3	27.5
150	12.5	9.8	14.8

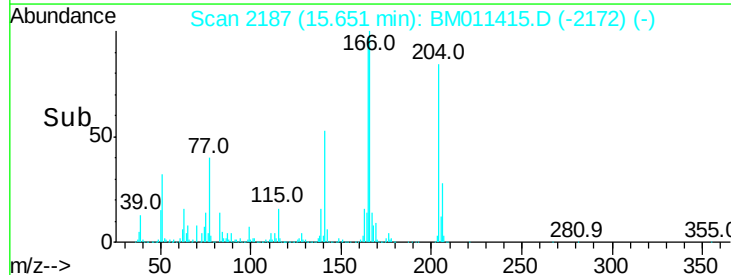
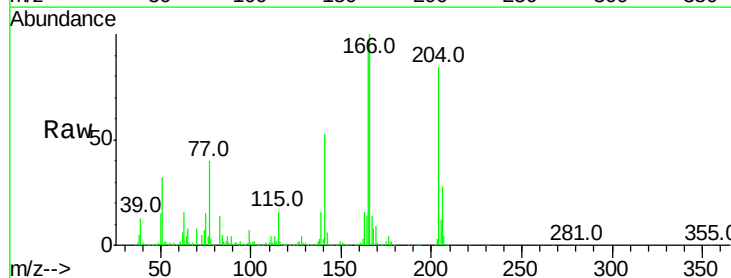
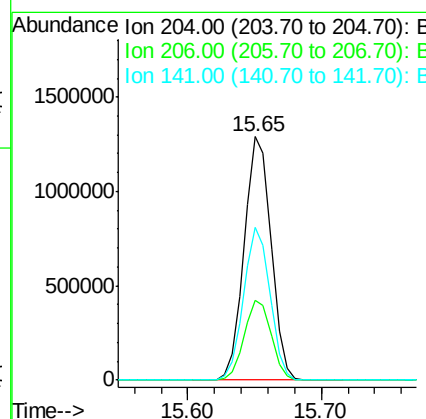
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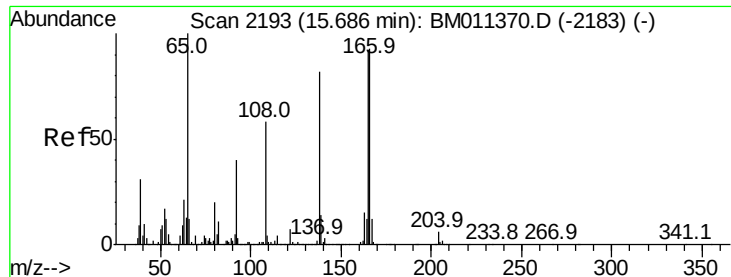
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.917 ng
RT: 15.65 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	62.8	45.2	67.8





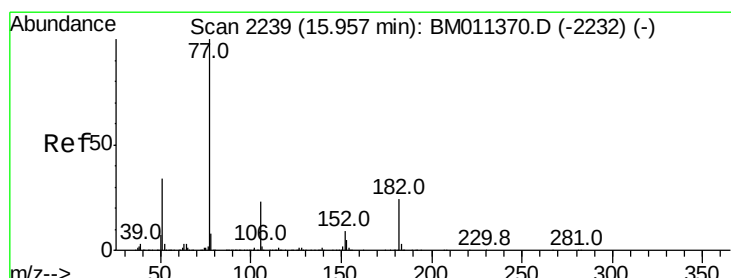
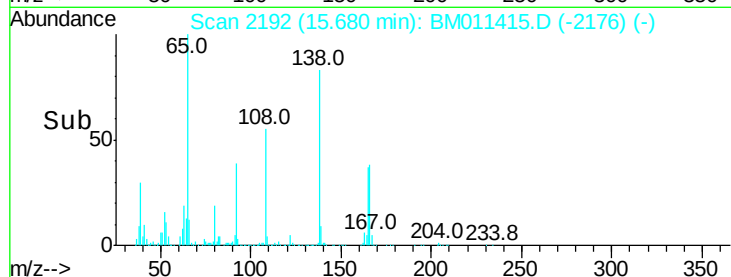
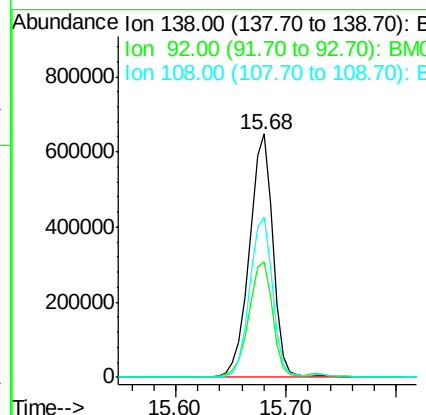
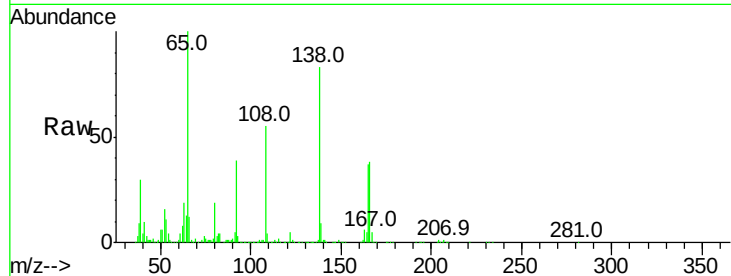
#61
4-Nitroaniline
Concen: 41.087 ng
RT: 15.68 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	16.7	56.7
108	66.0	37.6	77.6

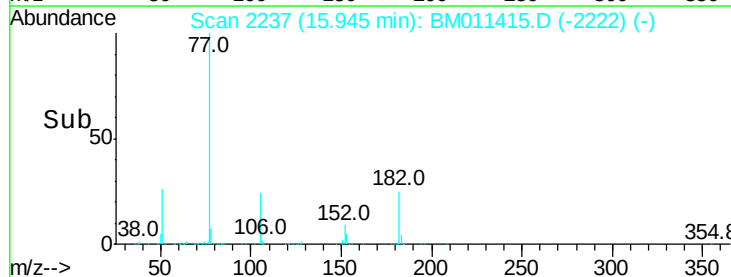
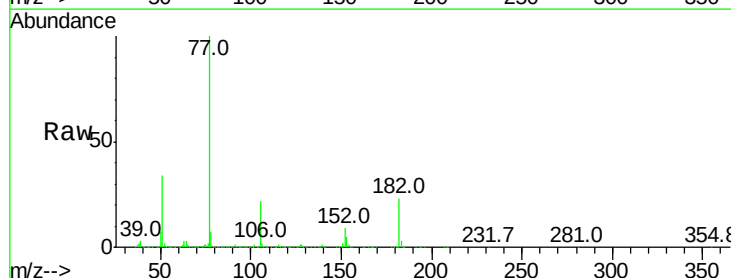
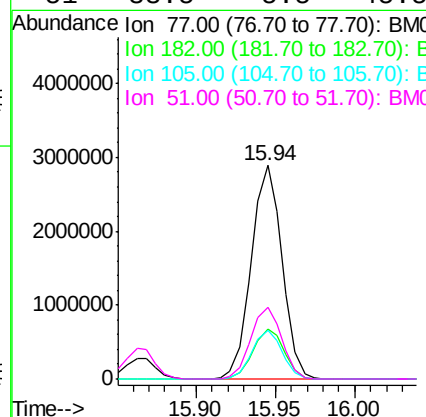
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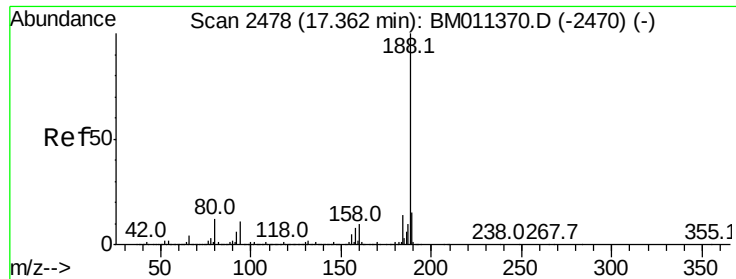
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#62
Azobenzene
Concen: 45.079 ng
RT: 15.94 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	6.5	46.5
105	22.5	3.8	43.8
51	33.5	5.5	45.5





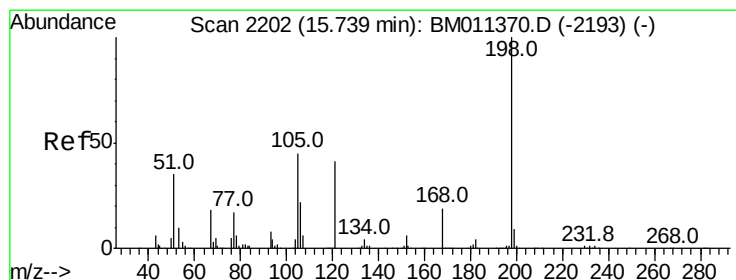
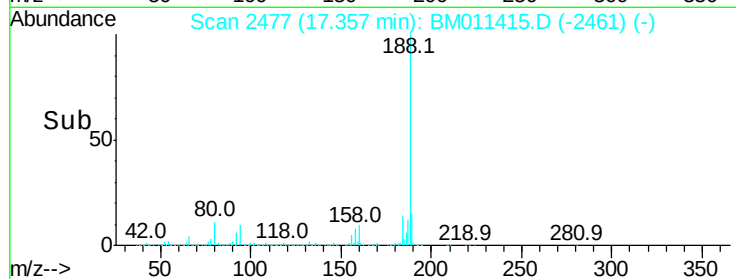
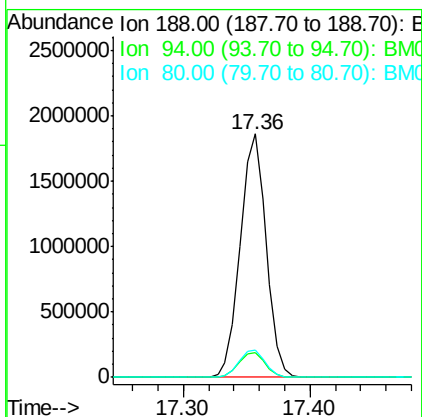
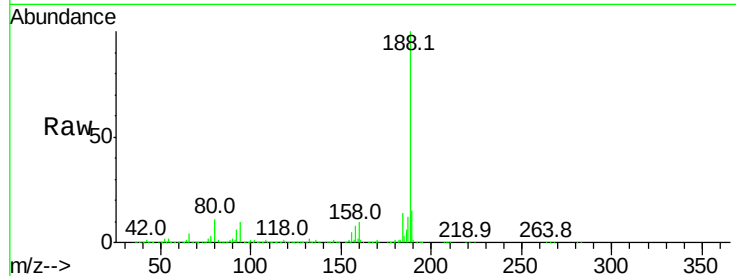
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	2629570		
94	10.1		8.7	13.1
80	11.2		9.3	13.9

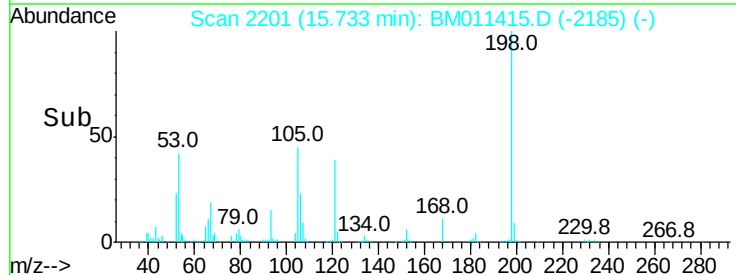
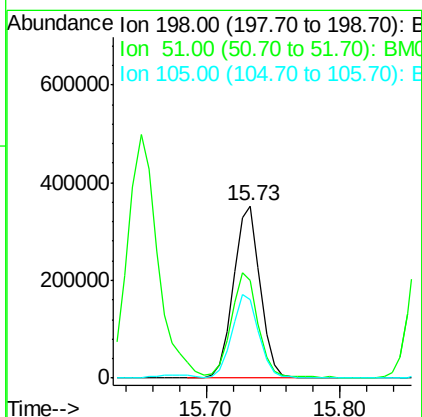
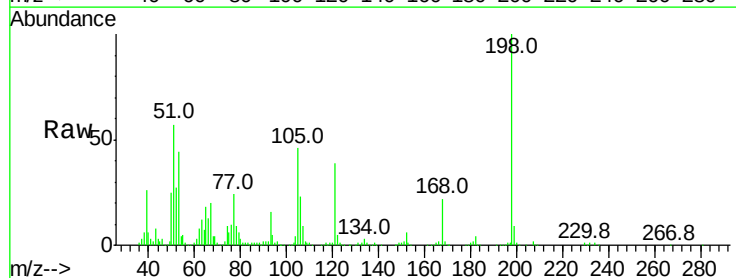
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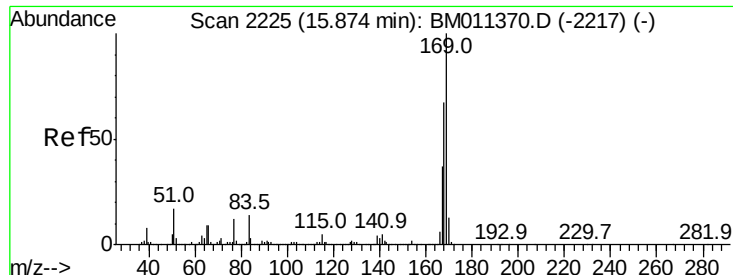
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.756 ng
RT: 15.73 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	489070		
51	56.9		28.8	68.8
105	45.7		30.5	70.5





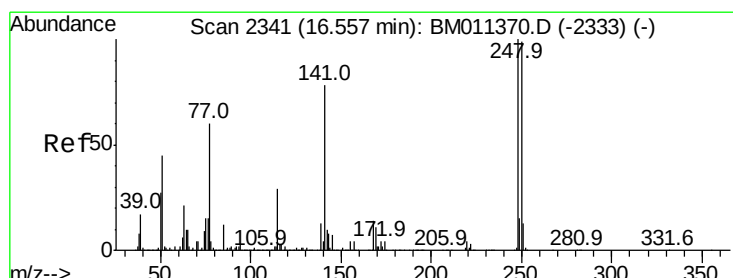
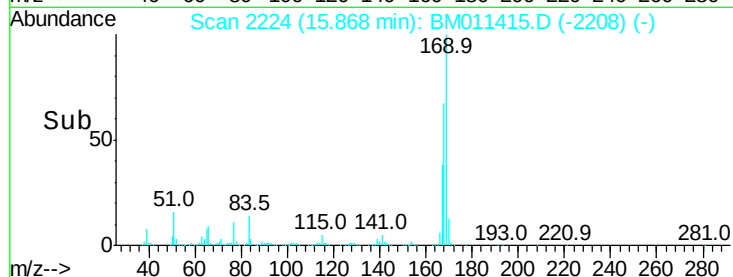
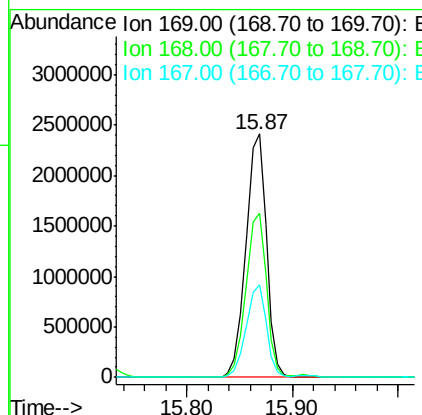
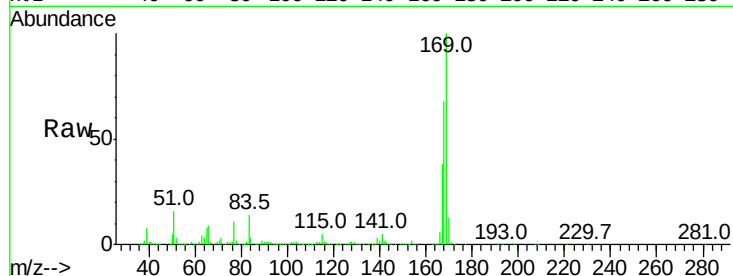
#65
 n-Nitrosodiphenylamine
 Concen: 39.220 ng
 RT: 15.87 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	37.8	28.9	43.3

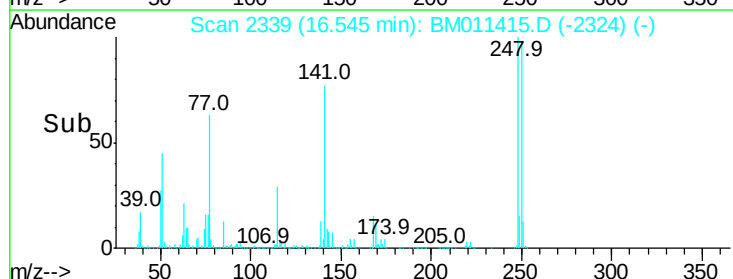
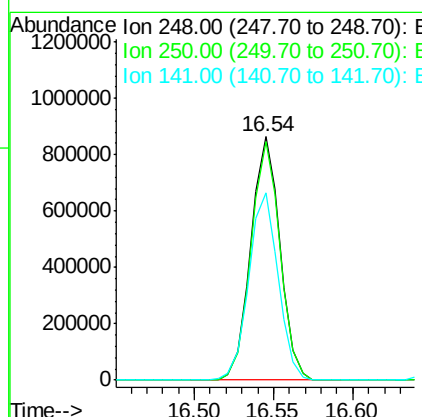
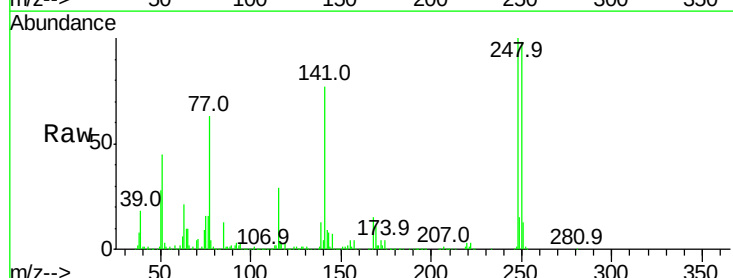
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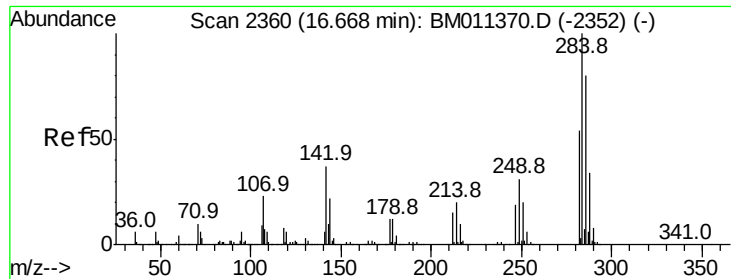
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#66
 4-Bromophenyl-phenylether
 Concen: 39.962 ng
 RT: 16.54 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.4	116.0
141	77.0	45.2	67.8#





#67

Hexachlorobenzene

Concen: 37.013 ng

RT: 16.66 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:284 Resp: 1201420

Ion Ratio Lower Upper

284 100

142 38.0 20.4 30.6#

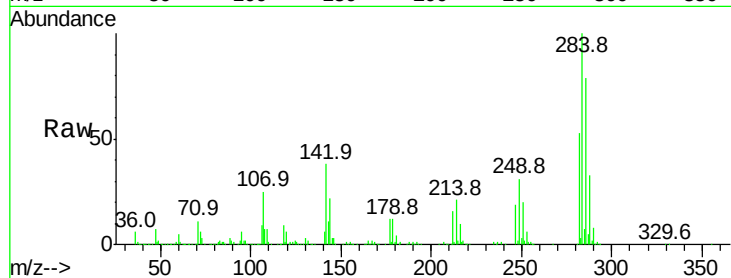
249 30.8 23.8 35.6

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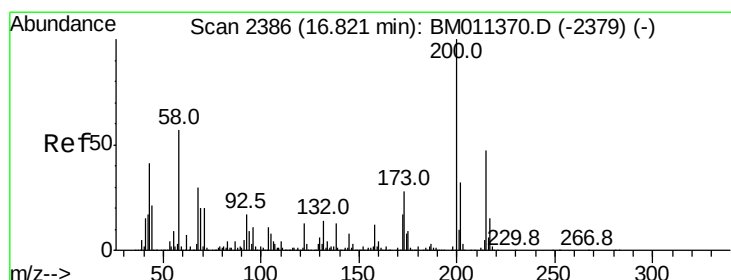
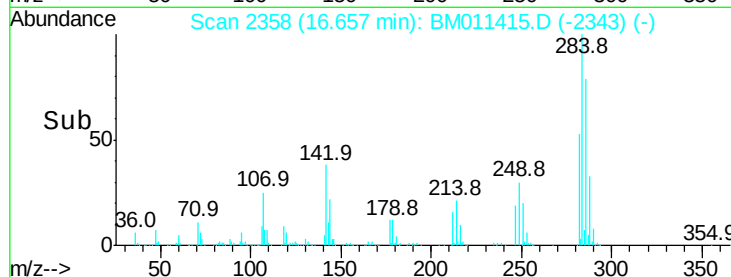
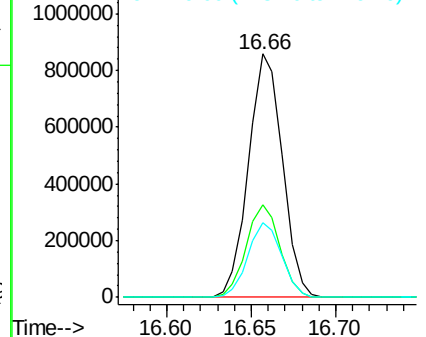
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.229 ng

RT: 16.81 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

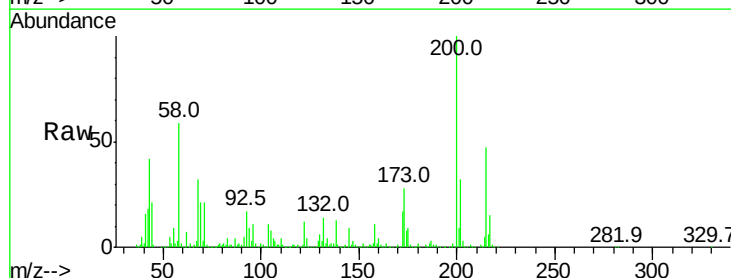
Tgt Ion:200 Resp: 879792

Ion Ratio Lower Upper

200 100

173 27.6 4.8 44.8

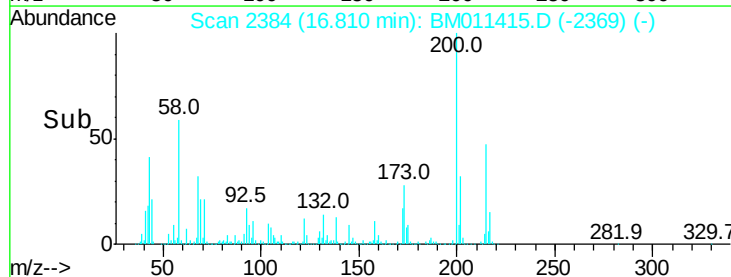
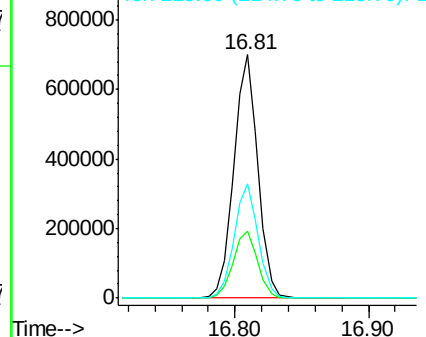
215 47.2 26.9 66.9

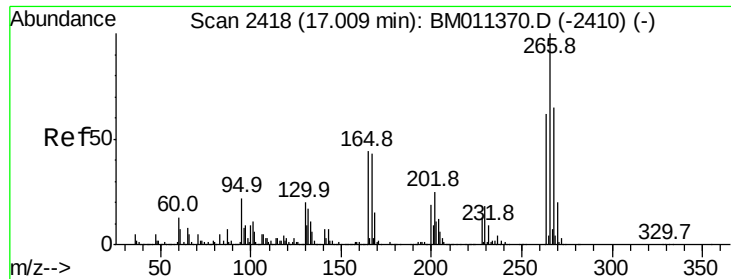


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





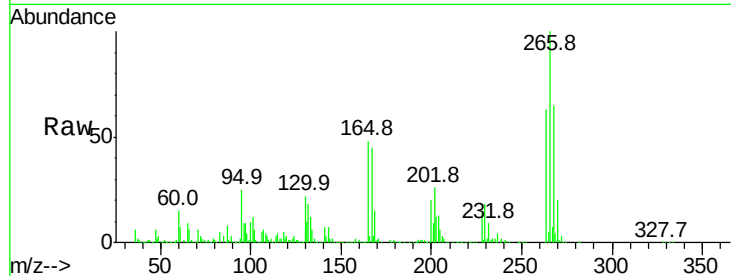
#69
 Pentachlorophenol
 Concen: 87.003 ng
 RT: 17.00 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

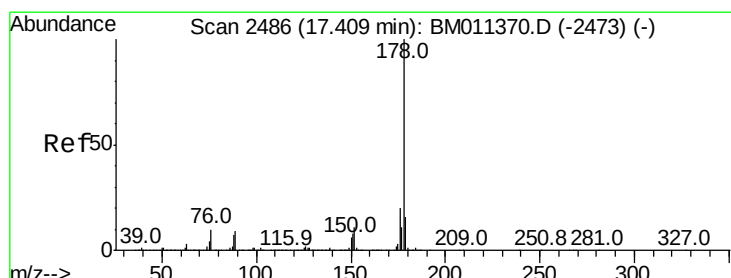
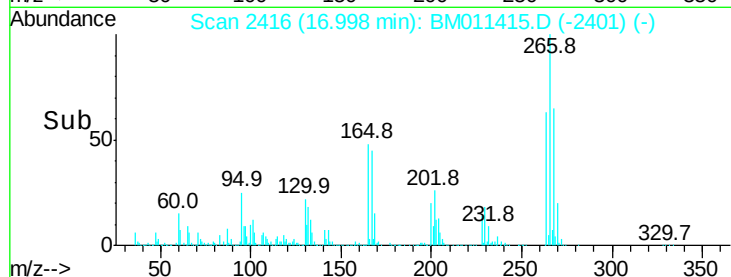
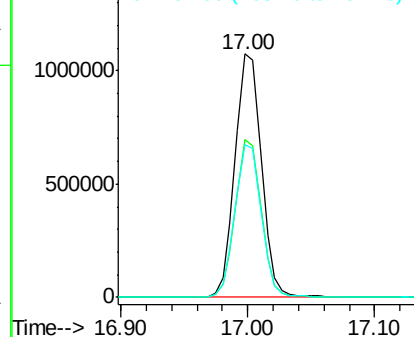
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.0	78.0
264	62.8	49.0	73.4

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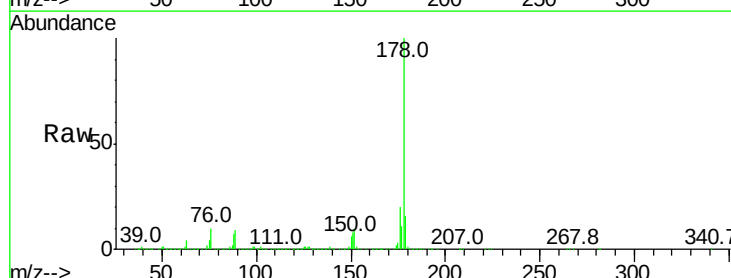


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

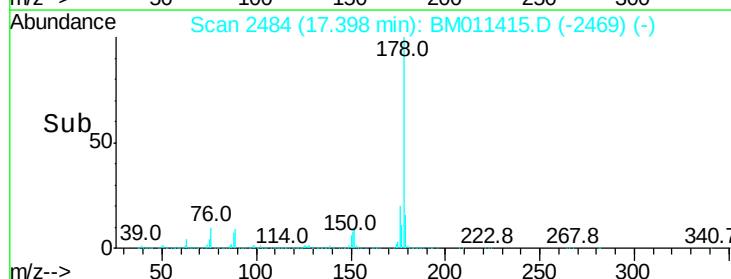
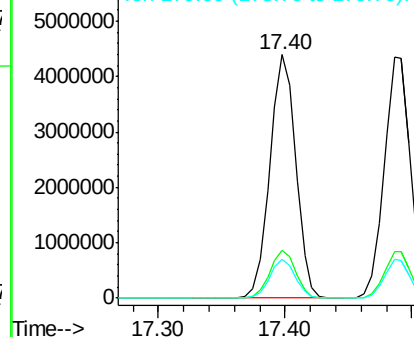


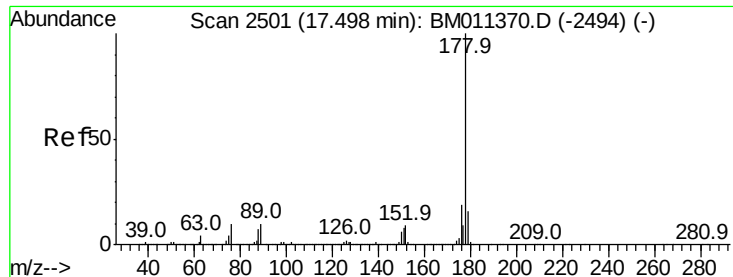
#70
 Phenanthrene
 Concen: 42.539 ng
 RT: 17.40 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.8	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





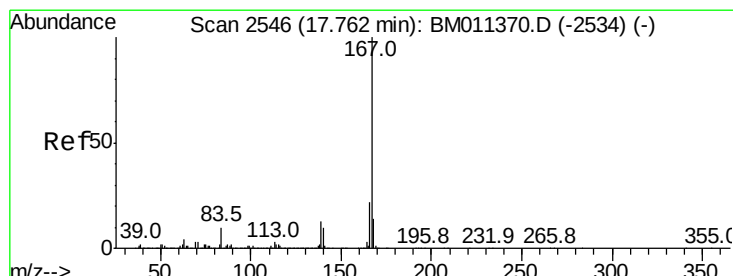
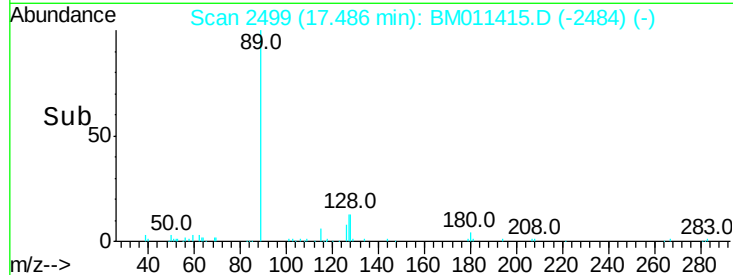
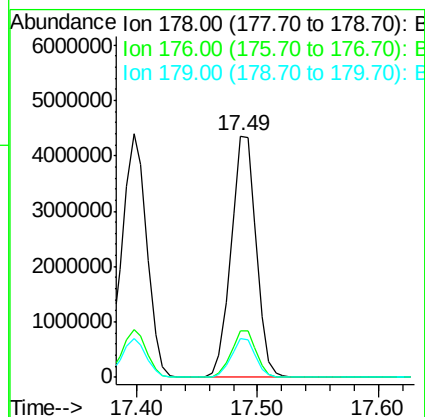
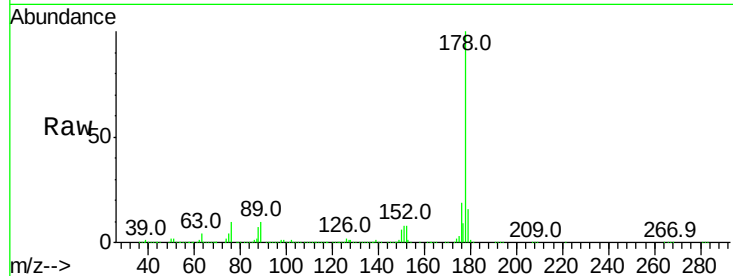
#71
 Anthracene
 Concen: 42.581 ng
 RT: 17.49 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	16.0	12.6	19.0

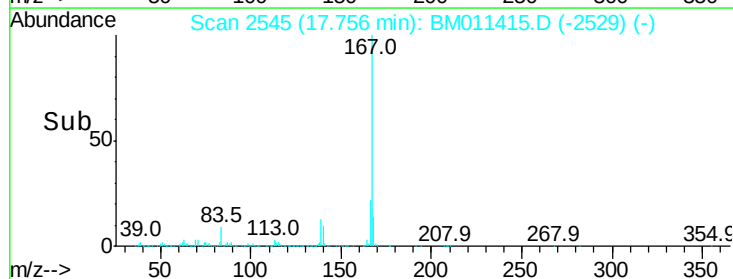
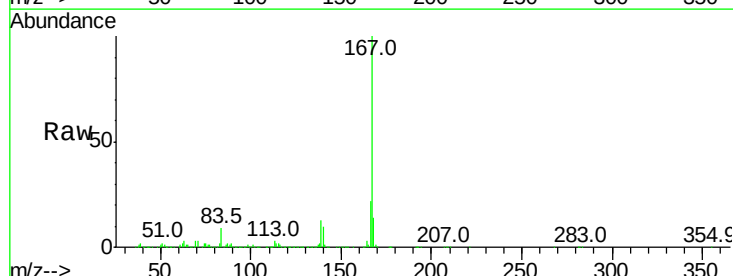
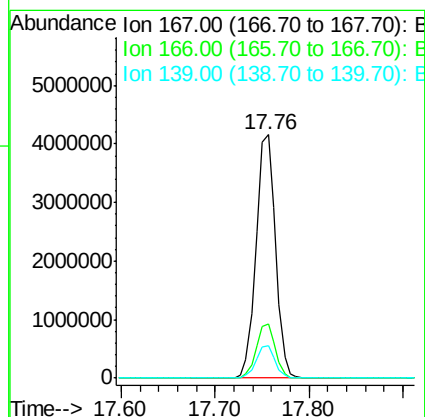
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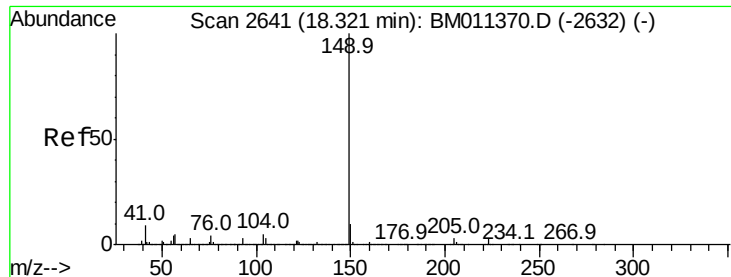
mohammad
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#72
 Carbazole
 Concen: 41.981 ng
 RT: 17.76 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	13.1	10.8	16.2





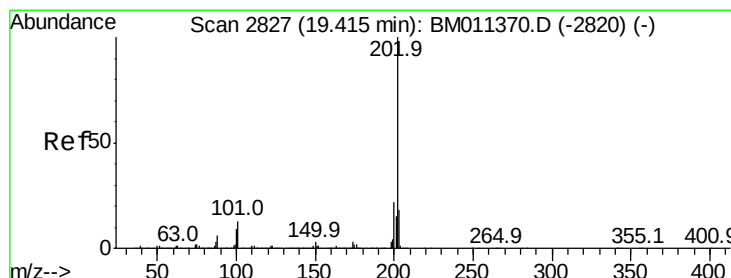
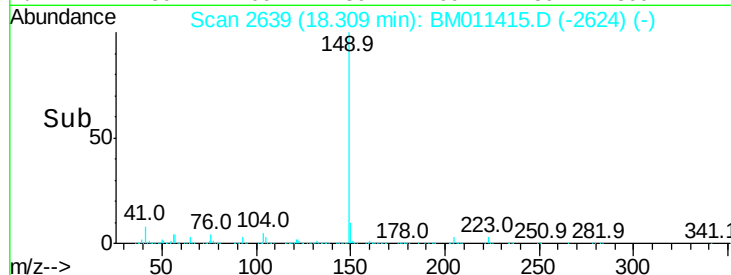
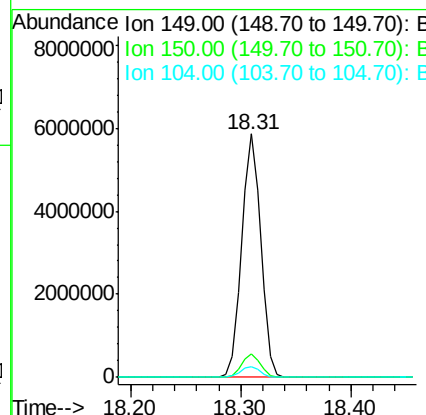
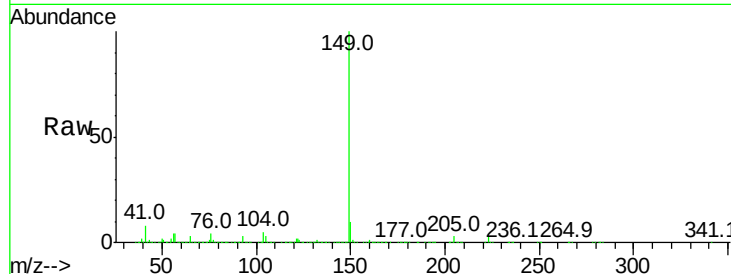
#73
Di-n-butylphthalate
Concen: 43.338 ng
RT: 18.31 min Scan# 2639
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.6	3.7	5.5

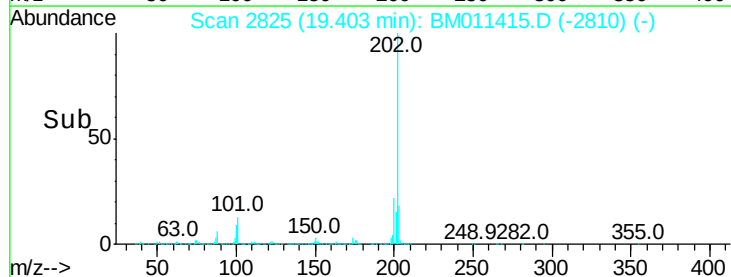
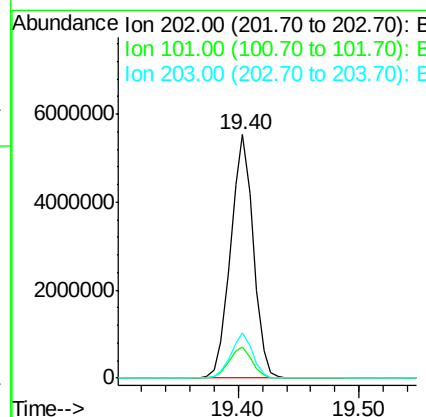
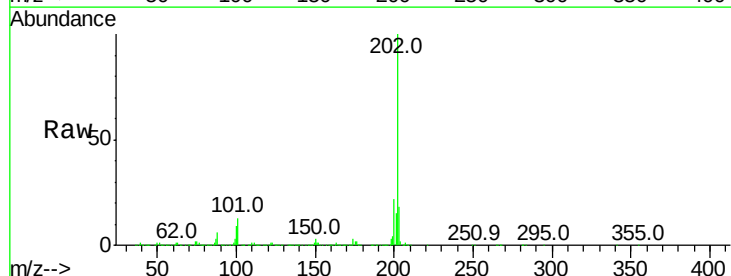
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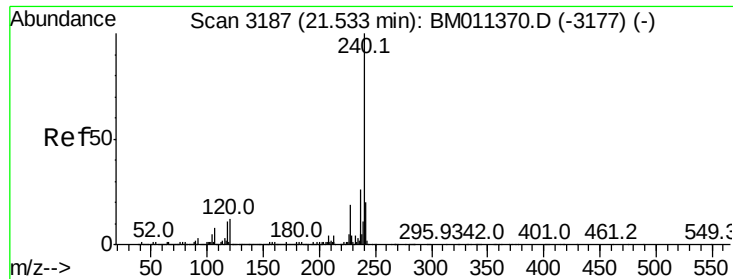
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#74
Fluoranthene
Concen: 42.829 ng
RT: 19.40 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	28.7
203	18.4	0.0	37.2





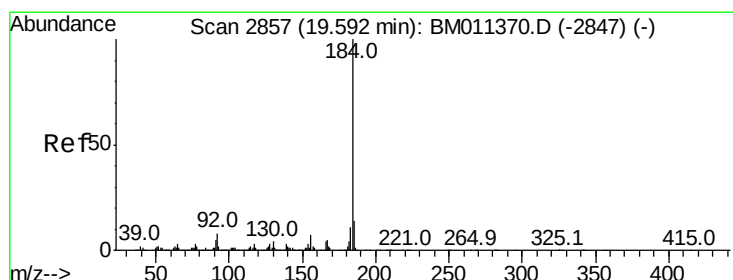
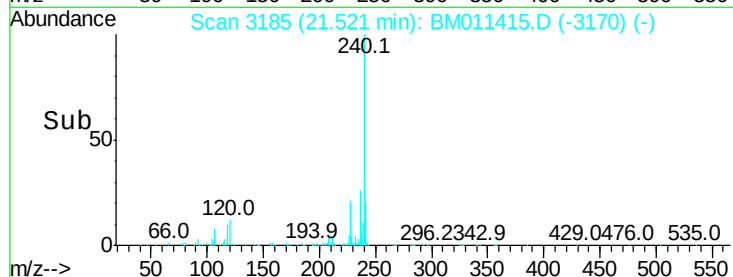
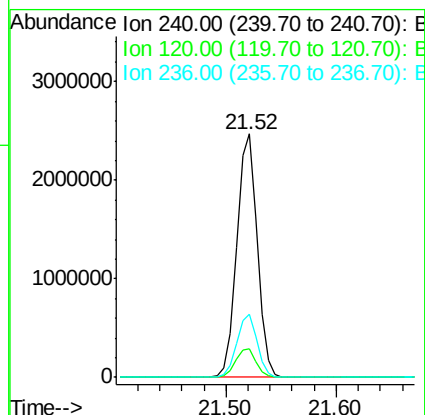
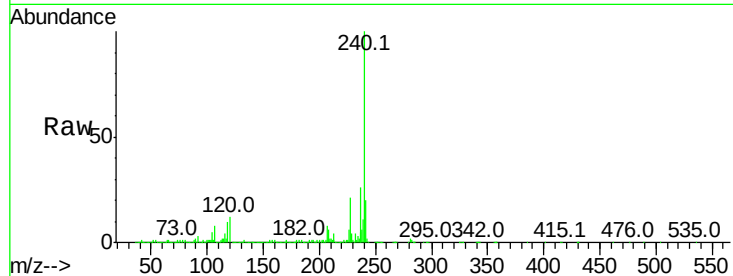
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.2	12.2
236	26.0	20.0	30.0

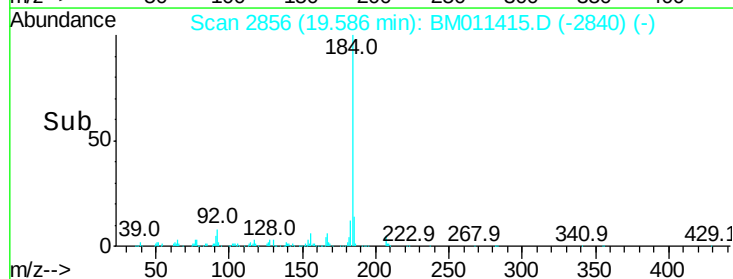
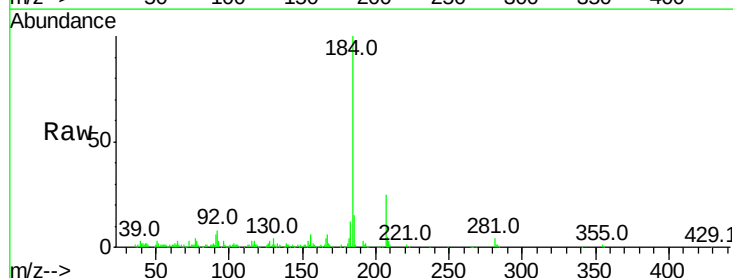
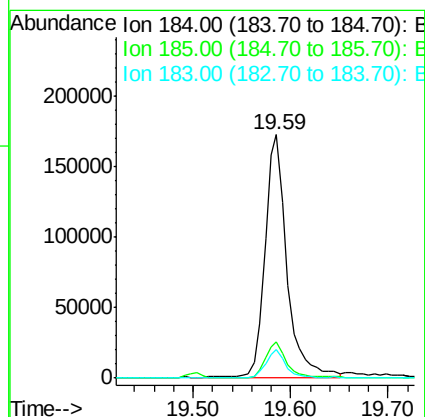
Manual Integrations
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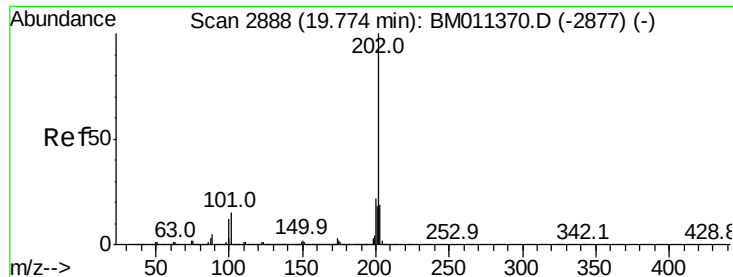
mohammad
9/5/2017 4:58:40 PM



#76
Benzidine
Concen: 4.266 ng
RT: 19.59 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.3	16.9
183	11.7	8.9	13.3





#77

Pvrene

Concen: 38.576 ng

RT: 19.77 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:202 Resp: 7603218

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

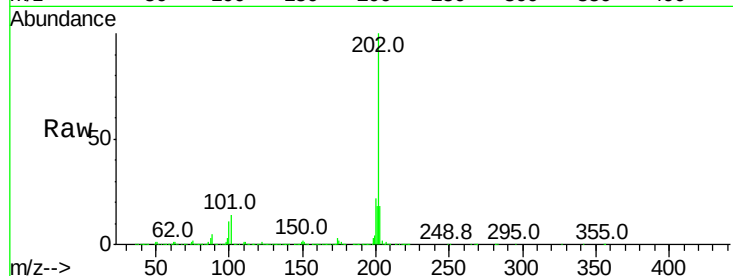
203 18.2 14.1 21.1

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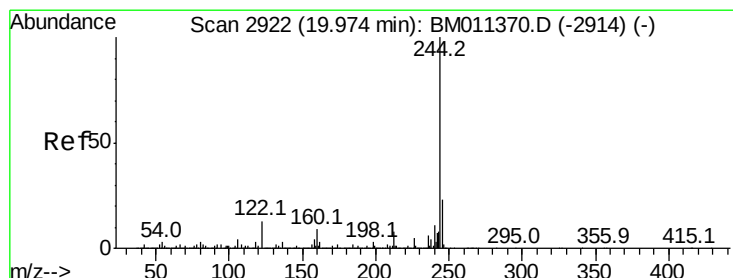
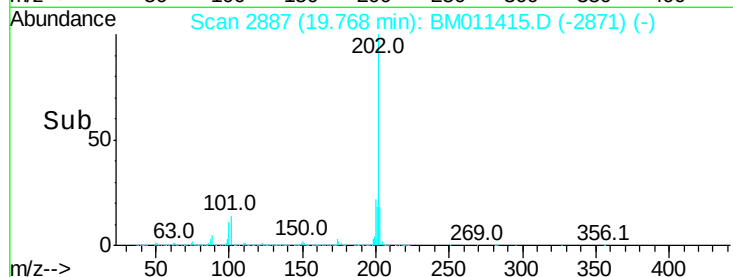
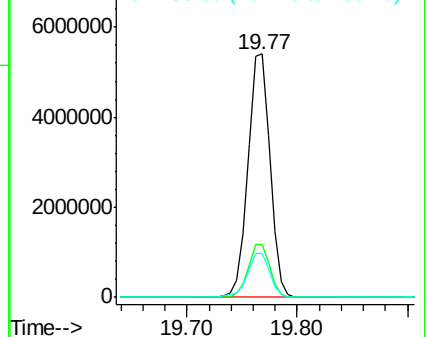
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.529 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

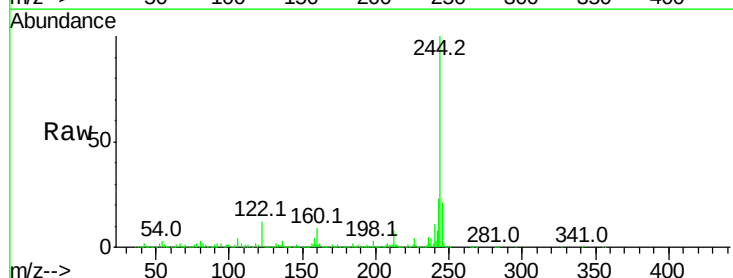
Tgt Ion:244 Resp:10050106

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

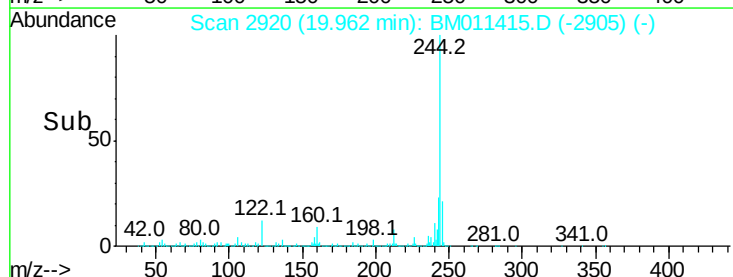
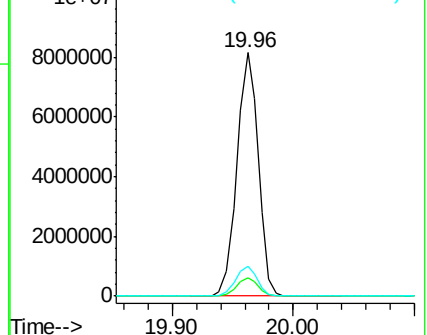
122 12.1 6.2 9.4#

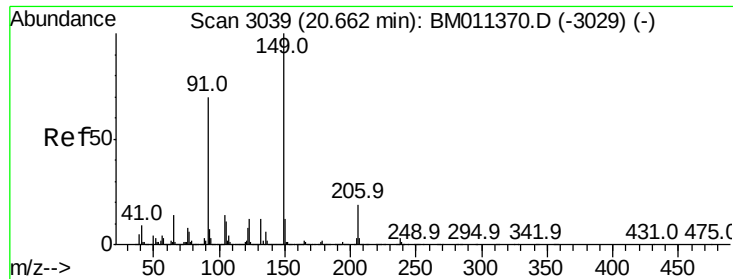


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





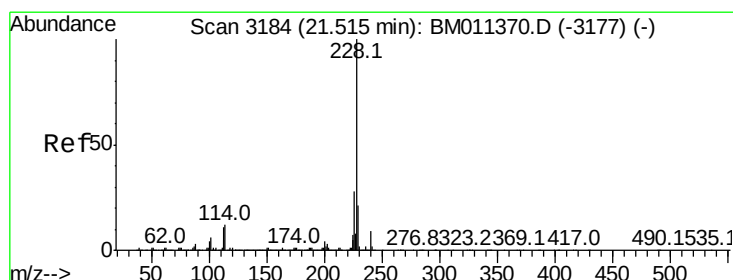
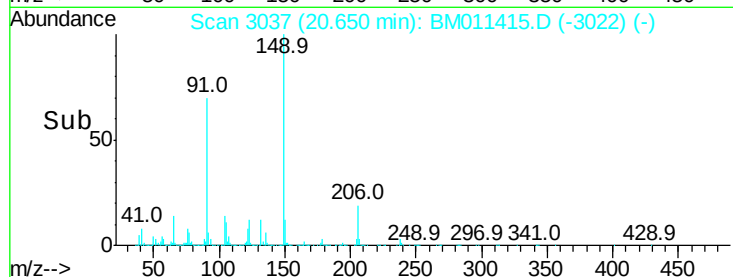
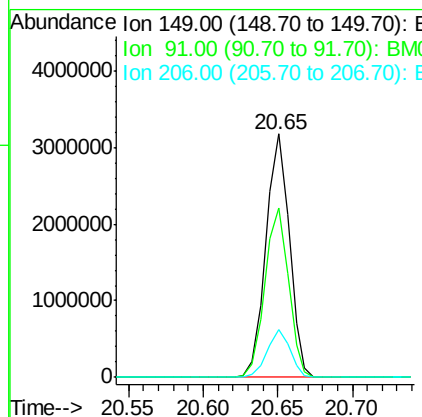
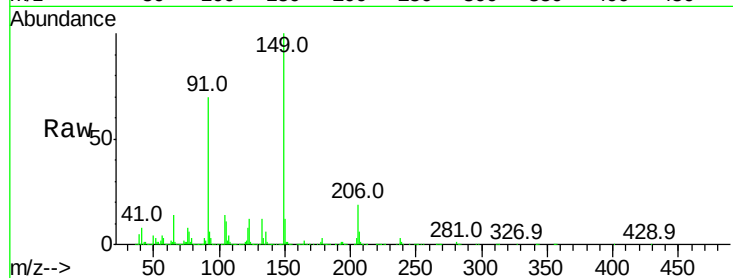
#79
Butylbenzylphthalate
Concen: 39.473 ng
RT: 20.65 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.6	50.1	75.1
206	19.5	16.2	24.2

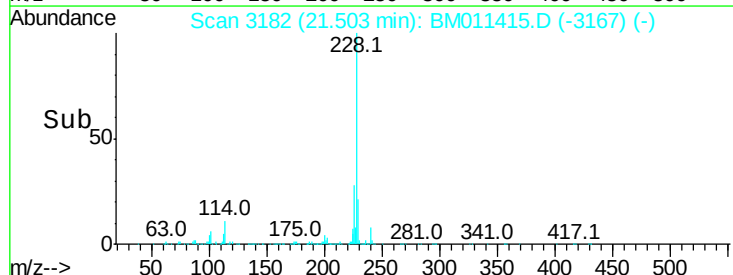
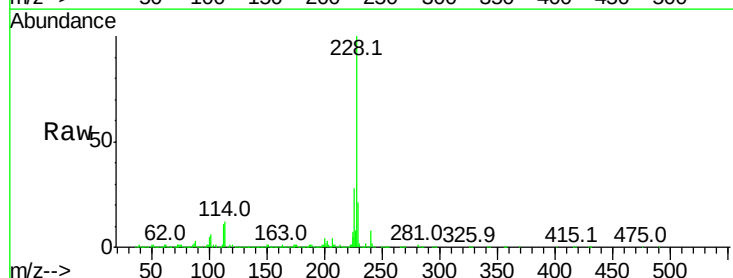
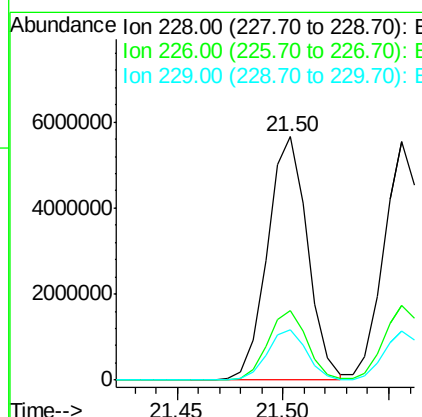
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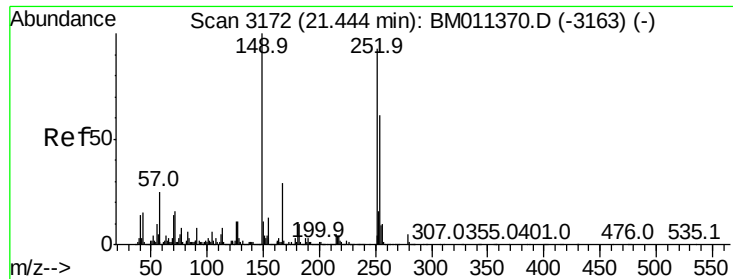
mohammad
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#80
Benzo(a)anthracene
Concen: 41.446 ng
RT: 21.50 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.7	32.5
229	20.5	16.0	24.0





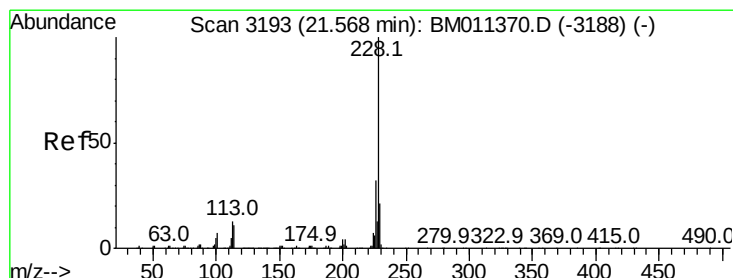
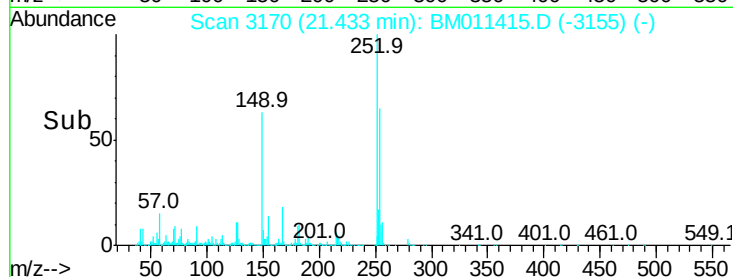
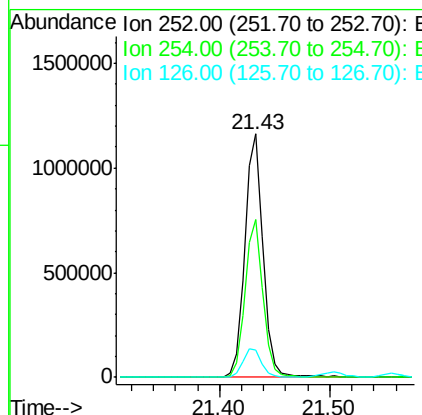
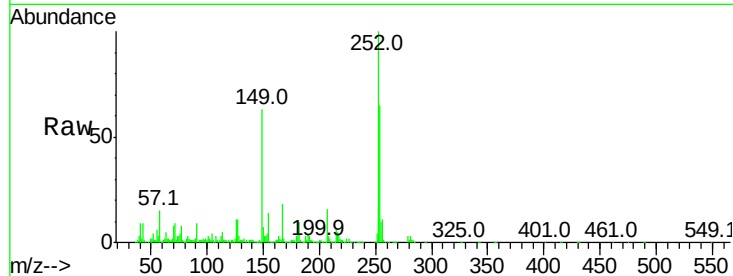
#81
 3,3'-Dichlorobenzidine
 Concen: 19.745 ng
 RT: 21.43 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	11.4	9.8	14.8

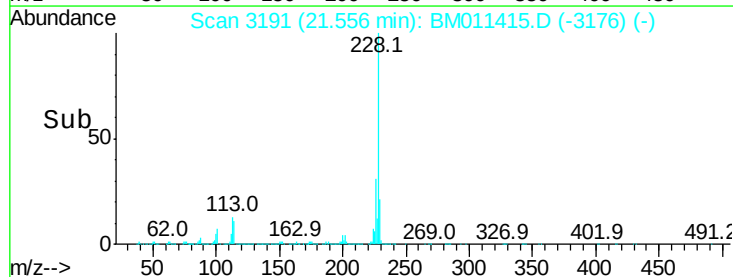
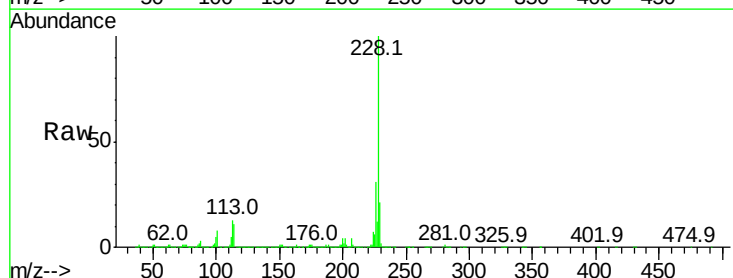
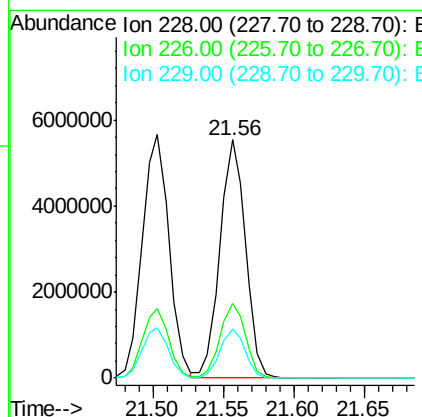
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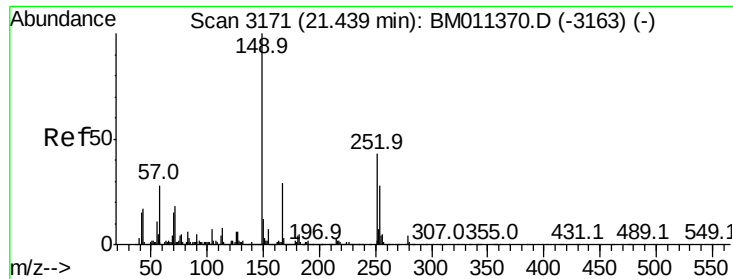
mohammad
 9/5/2017 4:58:40 PM



#82
 Chrysene
 Concen: 41.030 ng
 RT: 21.56 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BM011415.D
 Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	20.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.783 ng

RT: 21.42 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:149 Resp: 5206074

Ion Ratio Lower Upper

149 100

167 28.4 22.4 33.6

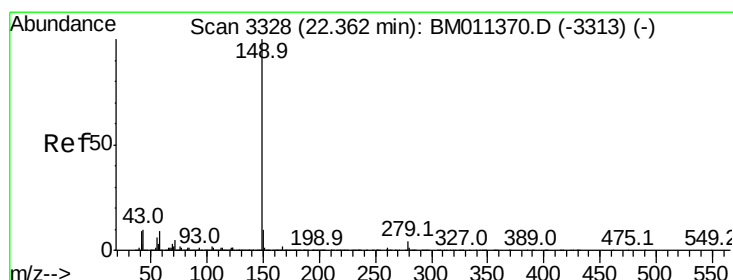
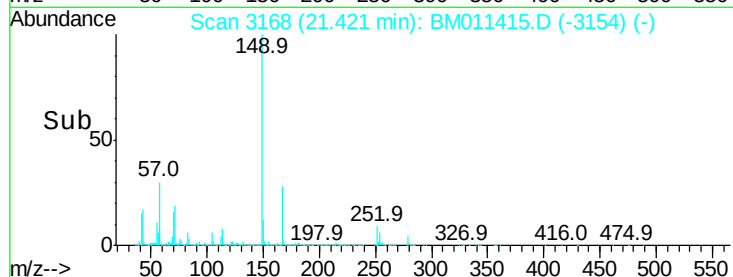
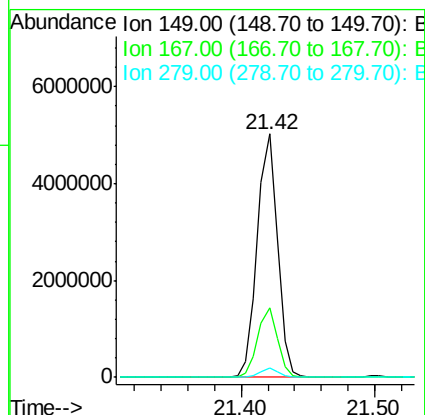
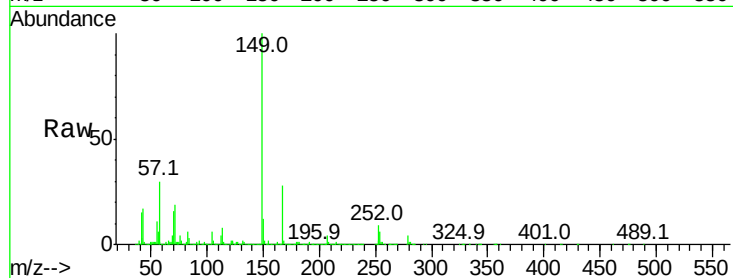
279 3.6 3.4 5.0

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 42.471 ng

RT: 22.34 min Scan# 3324

Delta R.T. -0.02 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

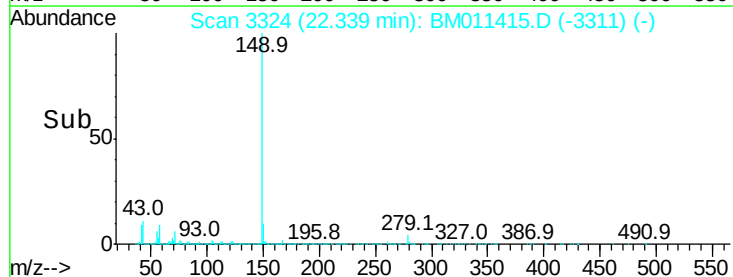
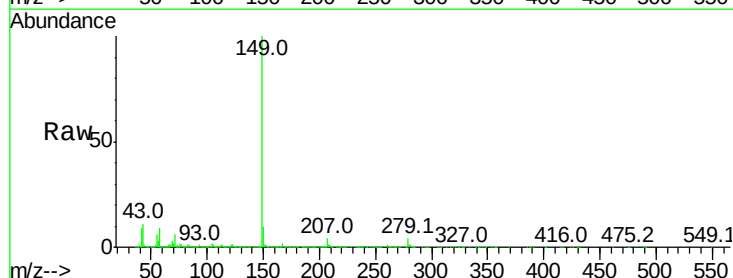
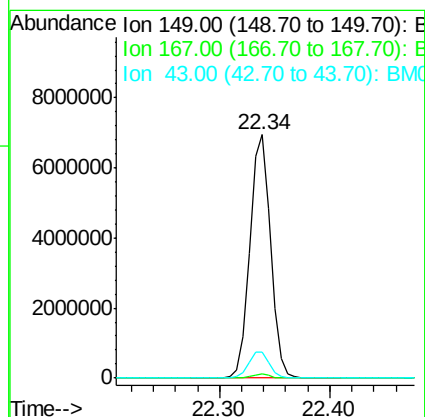
Tgt Ion:149 Resp: 9139252

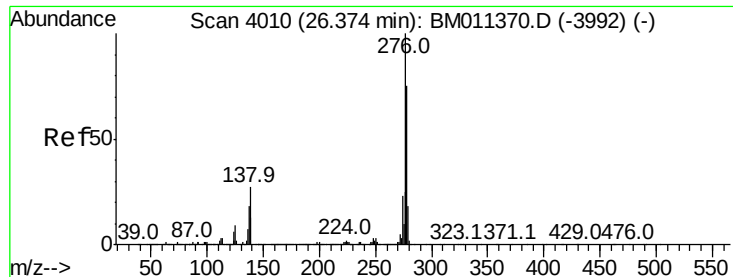
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 7.3 10.9#





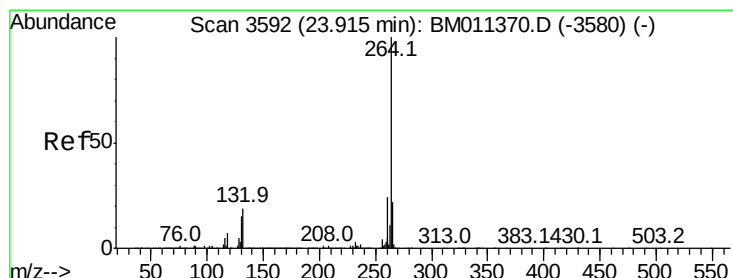
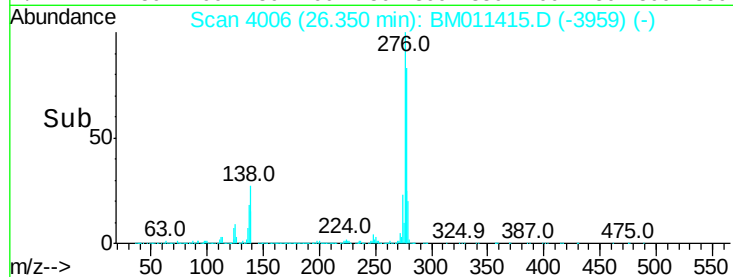
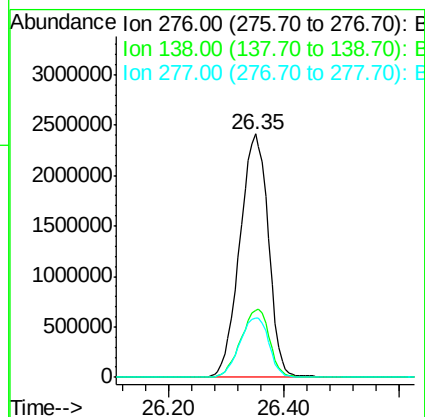
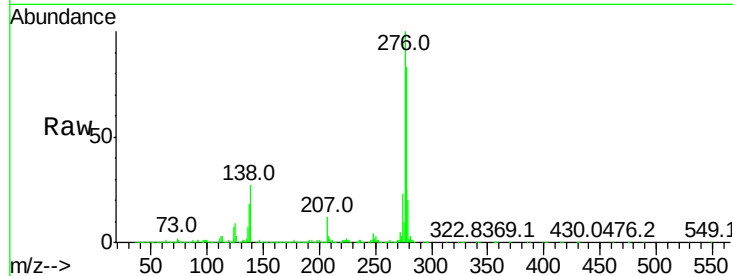
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.617 ng
RT: 26.35 min Scan# 4006
Delta R.T. -0.02 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion:276 Resp: 8322214
Ion Ratio Lower Upper
276 100
138 27.8 12.0 18.0#
277 25.1 20.0 30.0

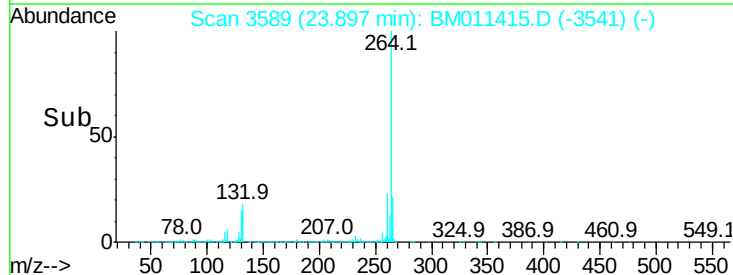
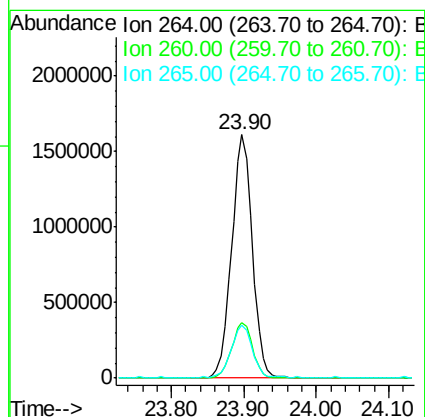
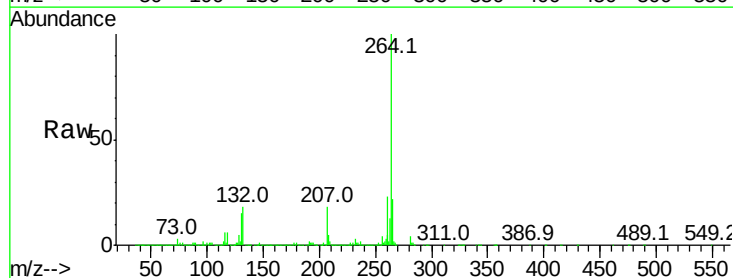
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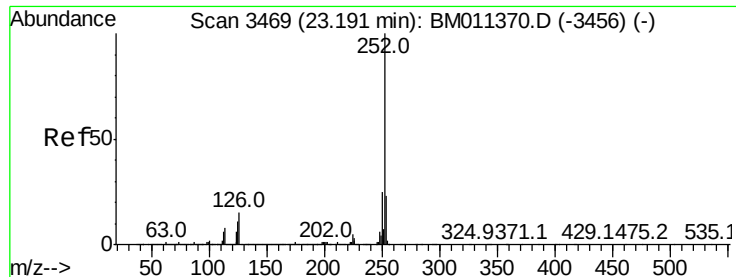
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion:264 Resp: 3186175
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.7 17.3 25.9





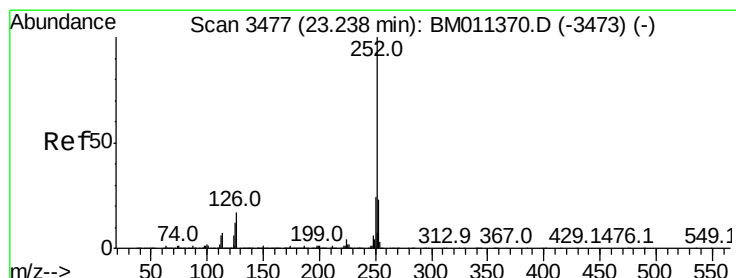
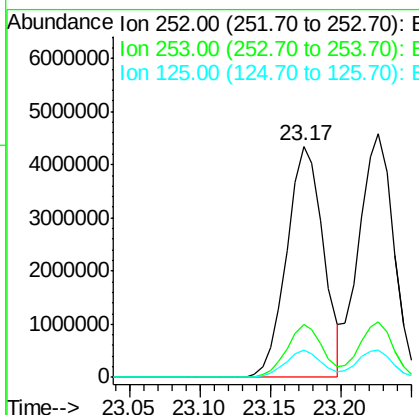
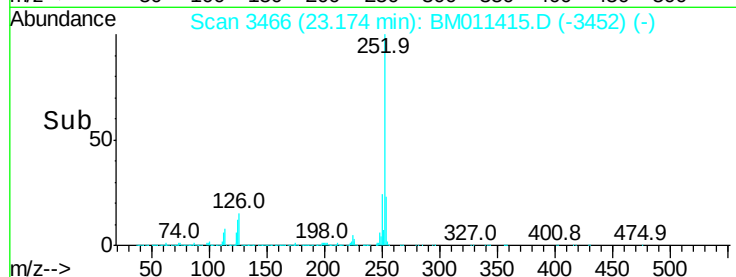
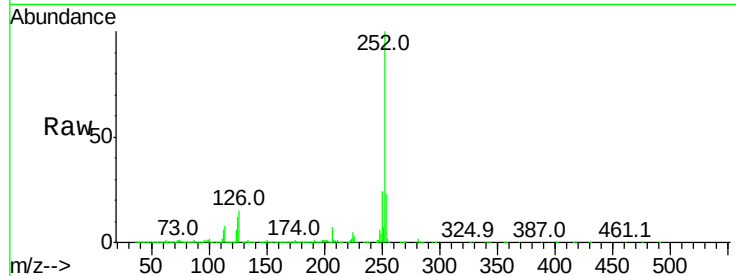
#87
Benzo(b)fluoranthene
Concen: 39.937 ng
RT: 23.17 min Scan# 3466
Delta R.T. -0.02 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.8	9.9	14.9

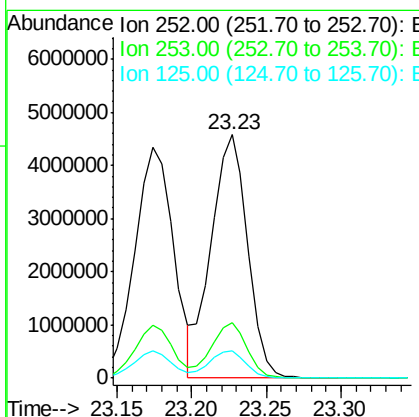
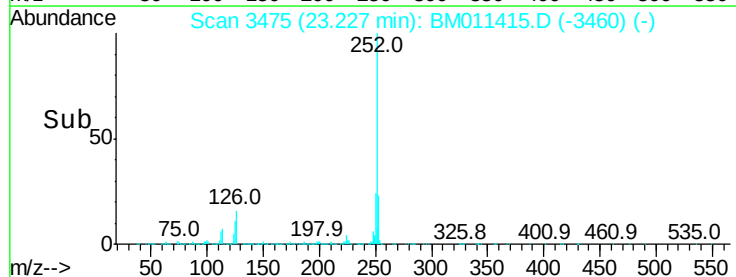
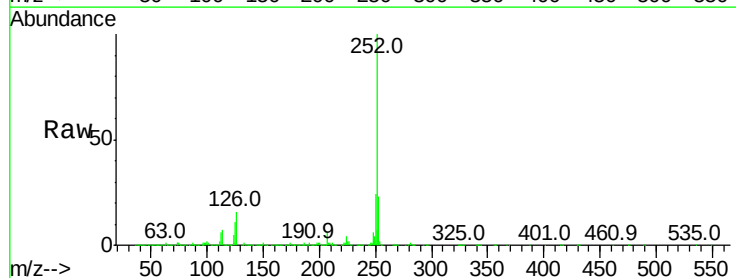
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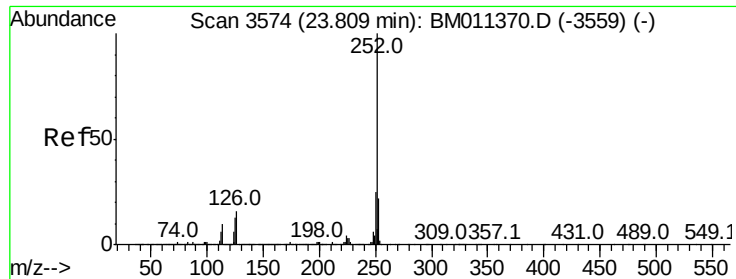
mohammad
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#88
Benzo(k)fluoranthene
Concen: 41.484 ng
RT: 23.23 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.2	8.1	12.1





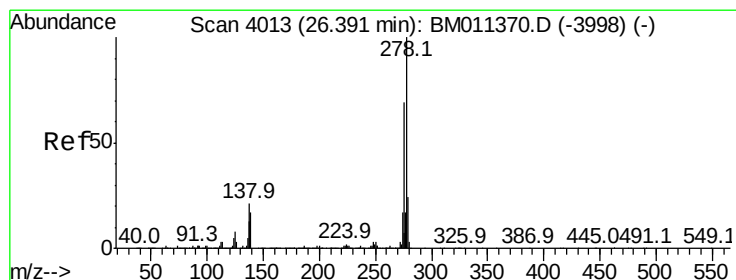
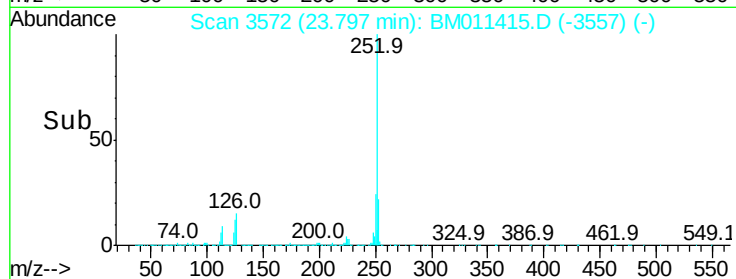
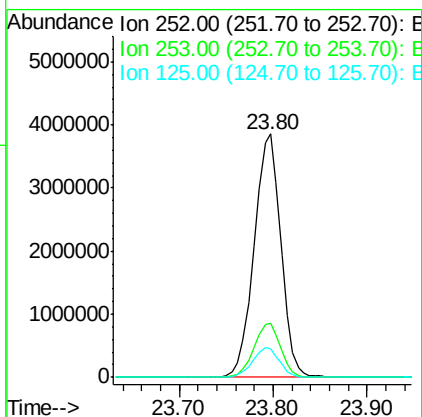
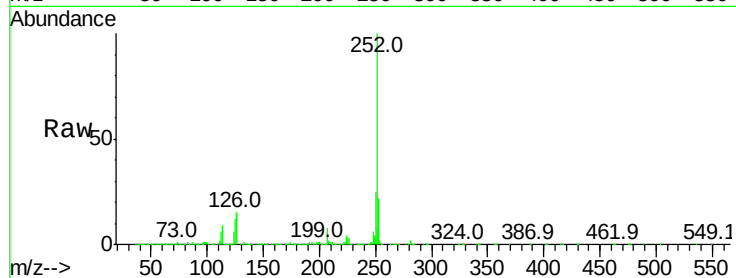
#89
Benzo(a)pyrene
Concen: 42.927 ng
RT: 23.80 min Scan# 3572
Delta R.T. -0.01 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.8	7.4	11.2

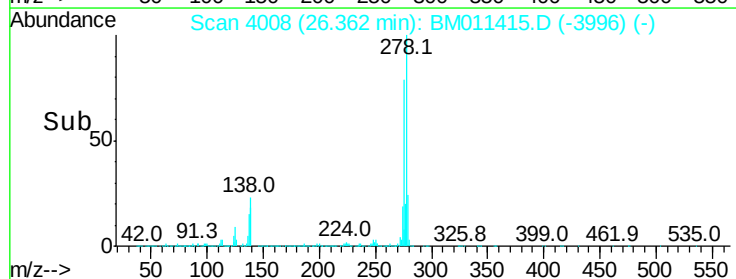
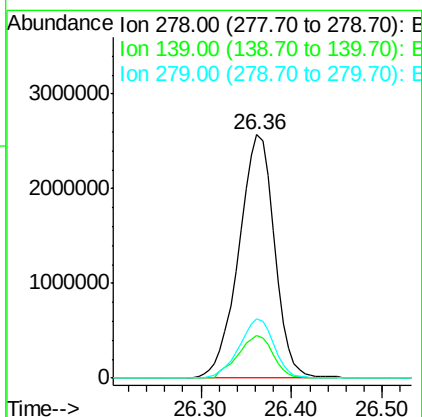
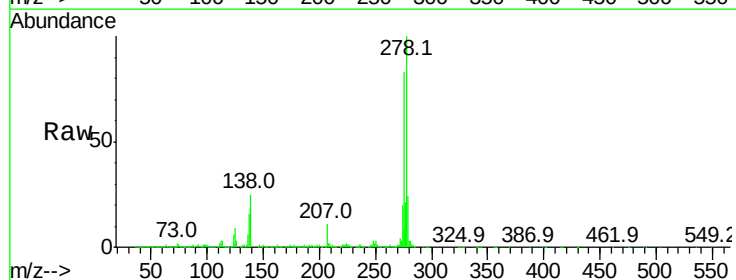
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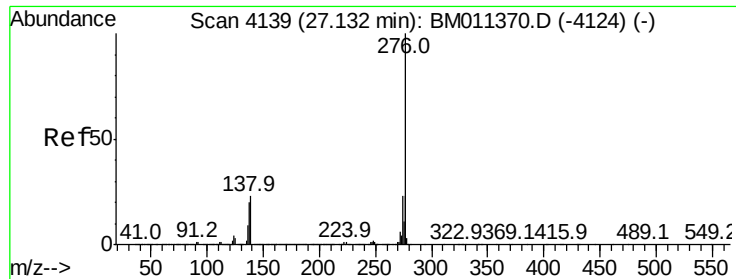
mohammad
9/5/2017 4:58:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.440 ng
RT: 26.36 min Scan# 4008
Delta R.T. -0.03 min
Lab File: BM011415.D
Acq: 02 Sep 2017 14:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.4	20.0
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 45.067 ng

RT: 27.10 min Scan# 4134

Delta R.T. -0.03 min

Lab File: BM011415.D

Acq: 02 Sep 2017 14:53

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMPMSD

Tot Ion:276 Resp: 6576386

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 24.1 19.0 28.6

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