

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011462.D
 Acq On : 07 Sep 2017 19:40
 Operator : SJ/JU
 Sample : I5105-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Manual Integrations
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Sohil
 9/8/2017 3:38:23 PM

Quant Time: Sep 08 08:20:38 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	7.98	152	468912	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2071051	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1153362	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	2529581	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	3075309	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2823973	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	4229501	151.83	ng	0.00
7) Phenol-d6	7.14	99	5195125	134.49	ng	0.00
23) Nitrobenzene-d5	9.15	82	3340773	106.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	2090225	156.64	ng	-0.01
44) 2-Fluorobiphenyl	13.23	172	7769904	97.11	ng	-0.02
78) Terphenyl-d14	19.96	244	11002566	88.77	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	377765	32.537	ng	# 100
3) Pyridine	3.85	79	1086577	30.560	ng	# 76
4) n-Nitrosodimethylamine	3.75	42	778684	42.891	ng	# 64
6) Aniline	7.33	93	504771	9.622	ng	93
8) 2-Chlorophenol	7.55	128	1453949	44.272	ng	88
9) Benzaldehyde	7.12	77	249523	11.113	ng	93
10) Phenol	7.16	94	1681322	39.593	ng	# 77
11) bis(2-Chloroethyl)ether	7.40	93	1591637	46.895	ng	85
12) 1,3-Dichlorobenzene	7.87	146	1437176	38.431	ng	97
13) 1,4-Dichlorobenzene	8.02	146	1479913	38.913	ng	97
14) 1,2-Dichlorobenzene	8.33	146	1450501	39.405	ng	98
15) Benzyl Alcohol	8.22	79	1126641	40.341	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2532096	44.613	ng	92
17) 2-Methylphenol	8.42	107	1231534	45.292	ng	97
18) Hexachloroethane	9.06	117	516039	39.636	ng	95
19) n-Nitroso-di-n-propylamine	8.79	70	1177135	41.504	ng	# 84
20) 3+4-Methylphenols	8.75	107	1635386	43.348	ng	98
22) Acetophenone	8.80	105	2197802	42.707	ng	# 90
24) Nitrobenzene	9.19	77	1636958	47.269	ng	95
25) Isophorone	9.71	82	3076490	43.688	ng	93
26) 2-Nitrophenol	9.90	139	664086	44.595	ng	# 80
27) 2,4-Dimethylphenol	9.95	122	1394864	42.481	ng	96
28) bis(2-Chloroethoxy)methane	10.19	93	2054658	42.757	ng	99
29) 2,4-Dichlorophenol	10.43	162	1401037	45.606	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	1364038	40.110	ng	99
31) Naphthalene	10.84	128	4700932	42.041	ng	99
32) Benzoic acid	10.08	122	696008	33.515	ng	97
33) 4-Chloroaniline	11.00	127	1441967m	29.478	ng	
34) Hexachlorobutadiene	11.12	225	753766	38.901	ng	98
35) Caprolactam	11.75	113	331532m	29.966	ng	
36) 4-Chloro-3-methylphenol	12.06	107	1492697	41.370	ng	89
37) 2-Methylnaphthalene	12.44	142	3437920	44.173	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	1495057	43.075	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1809683	113.737	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
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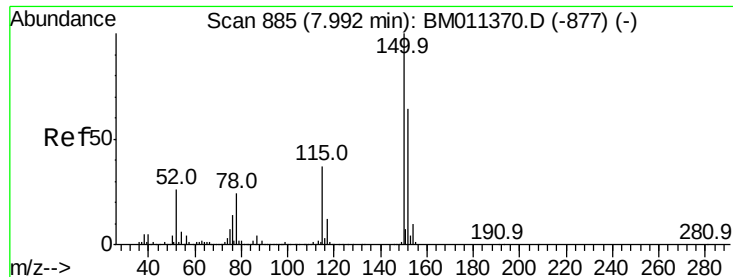
Manual Integrations
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 9/8/2017 3:38:23 PM

Quant Time: Sep 08 08:20:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	1012873	44.085	nq	99
43) 2,4,5-Trichlorophenol	13.12	196	1098085	47.060	nq	# 89
45) 1,1'-Biphenyl	13.45	154	4251357	41.520	nq	96
46) 2-Chloronaphthalene	13.49	162	3188571	41.920	nq	95
47) 2-Nitroaniline	13.69	65	1140300	47.334	nq	# 79
48) Acenaphthylene	14.33	152	5204054	43.910	nq	99
49) Dimethylphthalate	14.06	163	3971210	43.332	nq	99
50) 2,6-Dinitrotoluene	14.19	165	815532	46.997	nq	# 90
51) Acenaphthene	14.67	154	3273596	42.537	nq	100
52) 3-Nitroaniline	14.52	138	910583	40.399	nq	82
53) 2,4-Dinitrophenol	14.72	184	848693	98.019	nq	96
54) Dibenzofuran	15.01	168	5023309	47.337	nq	96
55) 4-Nitrophenol	14.82	139	1455196	82.959	nq	# 50
56) 2,4-Dinitrotoluene	14.97	165	1132301	46.392	nq	84
57) Fluorene	15.66	166	4249565	45.934	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	972093	51.484	nq	# 100
59) Diethylphthalate	15.42	149	4153091	43.983	nq	98
60) 4-Chlorophenyl-phenylether	15.65	204	1973399	45.730	nq	95
61) 4-Nitroaniline	15.67	138	1018596	43.473	nq	82
62) Azobenzene	15.94	77	4316888	50.728	nq	89
64) 4,6-Dinitro-2-methylphenol	15.73	198	538886	52.659	nq	86
65) n-Nitrosodiphenylamine	15.86	169	3561446	44.681	nq	99
66) 4-Bromophenyl-phenylether	16.54	248	1177104	44.239	nq	# 90
67) Hexachlorobenzene	16.66	284	1245886	39.900	nq	# 88
68) Atrazine	16.80	200	1107327	47.401	nq	98
69) Pentachlorophenol	17.00	266	1658253	96.736	nq	98
70) Phenanthrene	17.39	178	6686726	47.466	nq	98
71) Anthracene	17.49	178	6747916	47.636	nq	99
72) Carbazole	17.75	167	6338714	46.433	nq	99
73) Di-n-butylphthalate	18.30	149	7497984	47.276	nq	100
74) Fluoranthene	19.40	202	7651367	47.600	nq	94
76) Benzidine	19.58	184	3888594	64.067	nq	100
77) Pyrene	19.76	202	8126406	43.122	nq	98
79) Butylbenzylphthalate	20.64	149	3658657	43.947	nq	92
80) Benzo(a)anthracene	21.50	228	7929949	46.104	nq	98
81) 3,3'-Dichlorobenzidine	21.43	252	2162973	33.123	nq	99
82) Chrysene	21.55	228	7333672	45.237	nq	97
83) Bis(2-ethylhexyl)phthalate	21.41	149	5575558	45.682	nq	# 99
84) Di-n-octyl phthalate	22.33	149	9698259	47.137	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.34	276	7796463	51.555	nq	# 88
87) Benzo(b)fluoranthene	23.17	252	7934158	45.763	nq	99
88) Benzo(k)fluoranthene	23.22	252	7839357	47.160	nq	97
89) Benzo(a)pyrene	23.79	252	7526527	48.131	nq	# 97
90) Dibenzo(a,h)anthracene	26.35	278	6496700	48.545	nq	99
91) Benzo(g,h,i)perylene	27.09	276	6005628	46.434	nq	99

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



#1

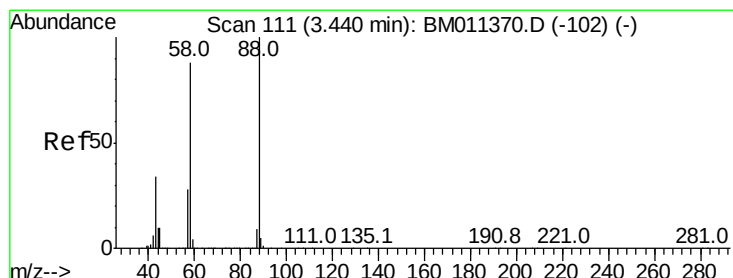
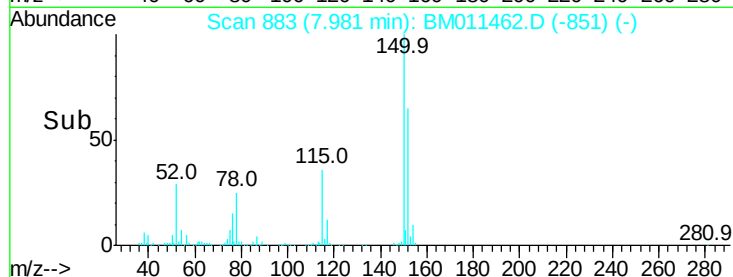
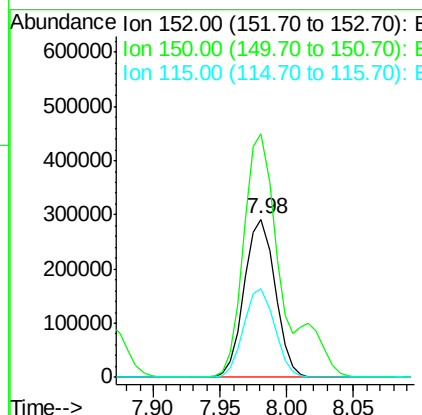
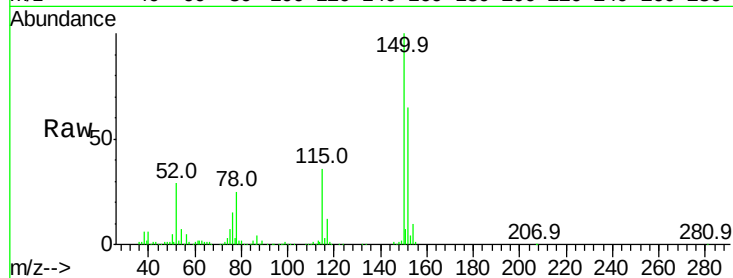
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	119.5	179.3
115	55.7	43.0	64.4

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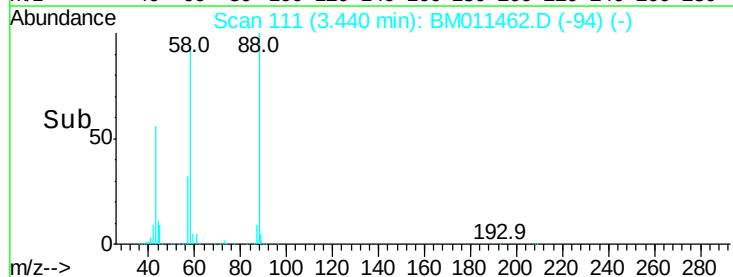
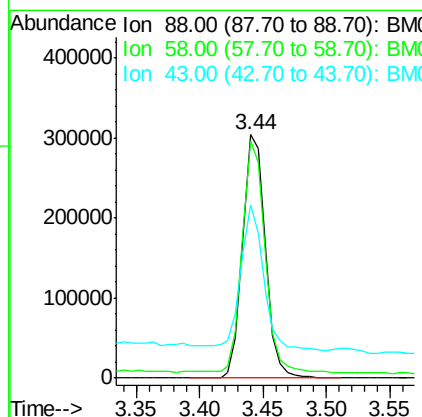
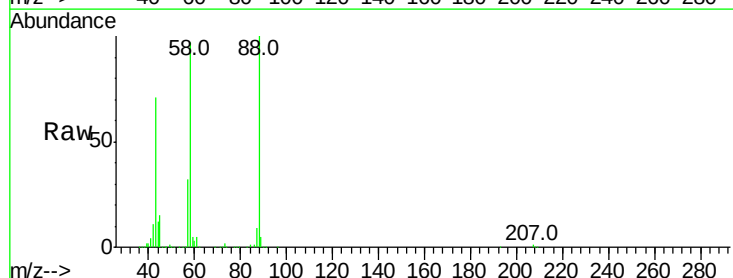
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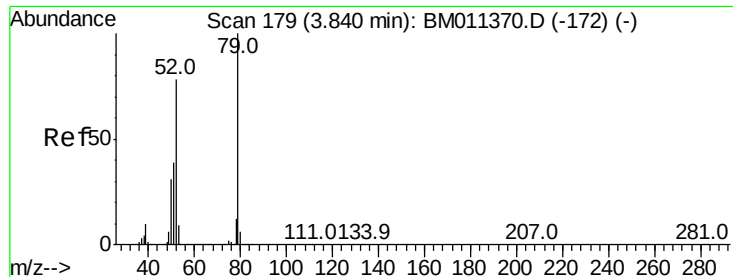


#2

1,4-Dioxane
Concen: 32.537 ng
RT: 3.44 min Scan# 111
Delta R.T. 0.00 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	0.0	0.0#
43	60.4	0.0	0.0#





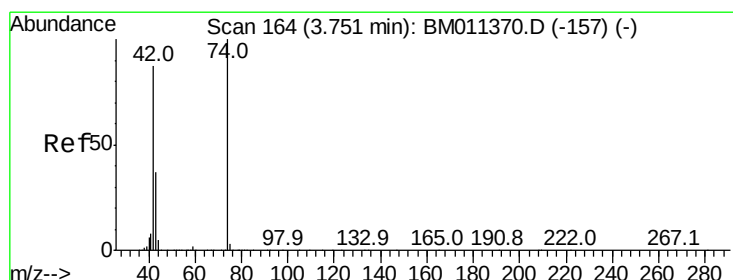
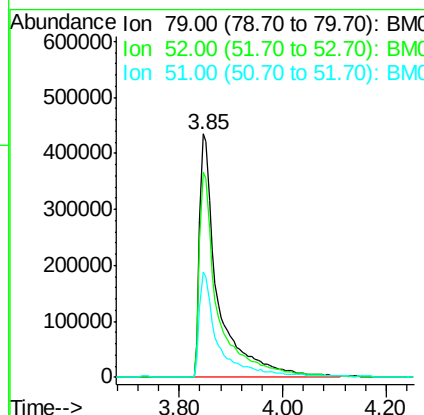
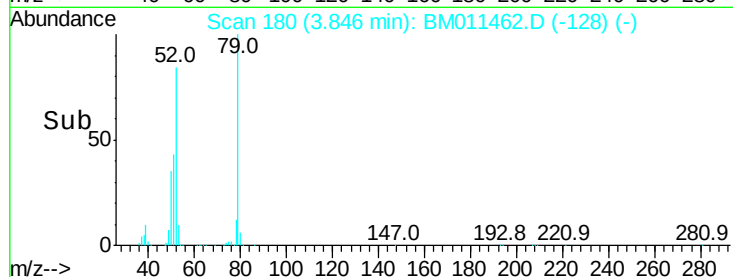
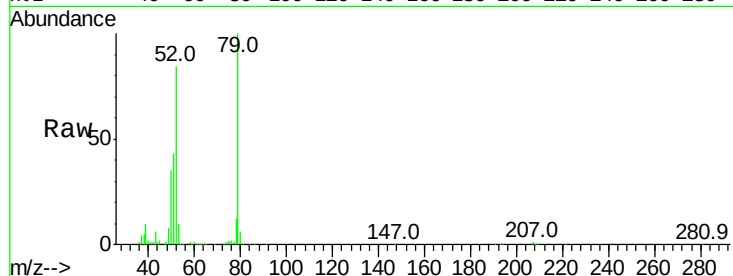
#3
 Pvridine
 Concen: 30.560 ng
 RT: 3.85 min Scan# 180
 Delta R.T. 0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion: 79 Resp: 1086577
 Ion Ratio Lower Upper
 79 100
 52 84.3 51.1 76.7#
 51 43.5 26.1 39.1#

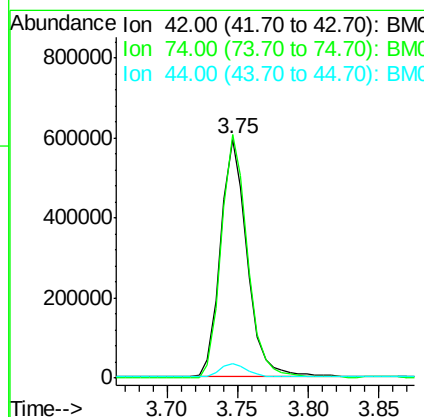
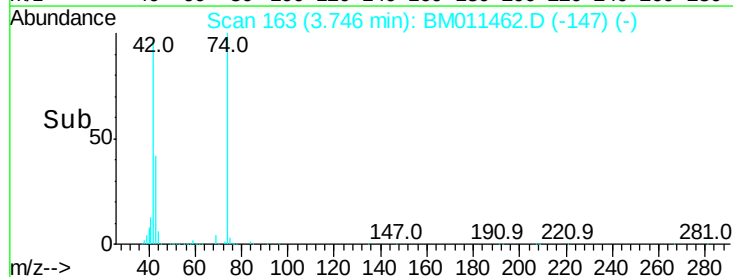
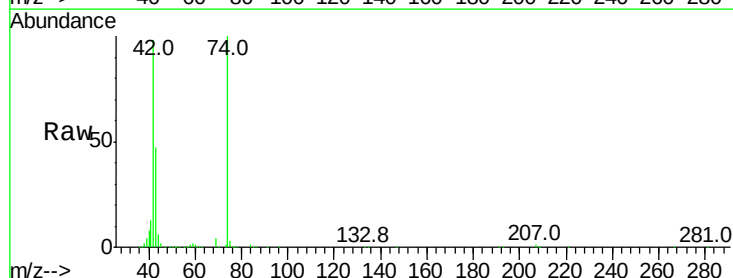
Manual Integrations
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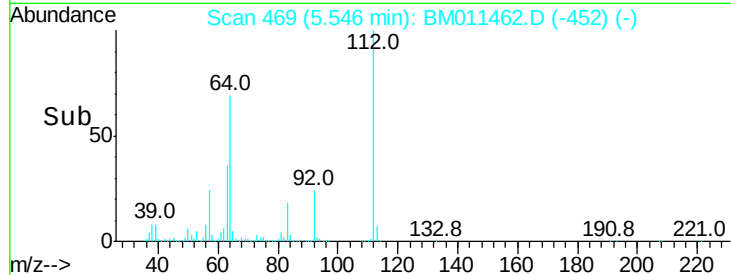
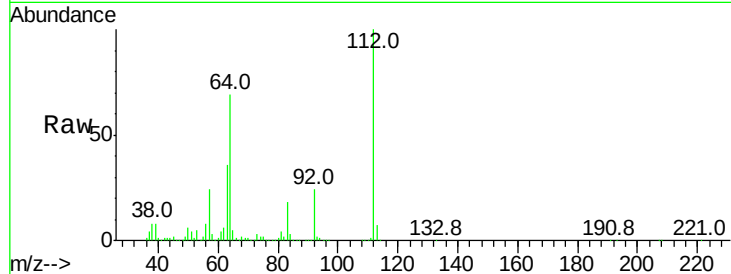
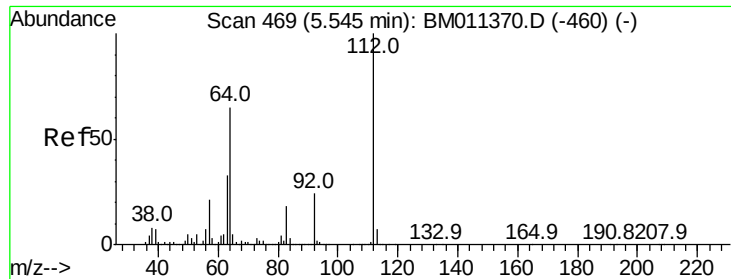
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#4
 n-Nitrosodimethylamine
 Concen: 42.891 ng
 RT: 3.75 min Scan# 163
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion: 42 Resp: 778684
 Ion Ratio Lower Upper
 42 100
 74 102.1 119.3 178.9#
 44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 151.828 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tot Ion:	112	Resp:	4229501
Ion Ratio	Lower	Upper	
112	100		
64	69.0	38.6	57.8#
63	35.7	19.3	28.9#

Instrument :

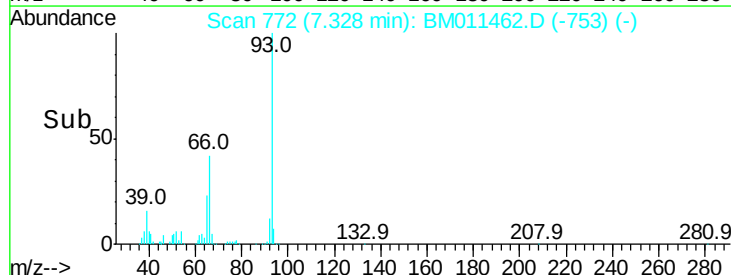
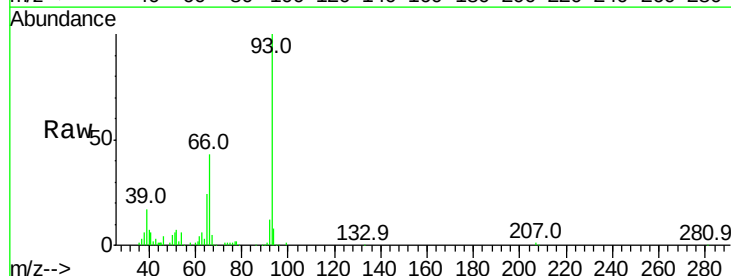
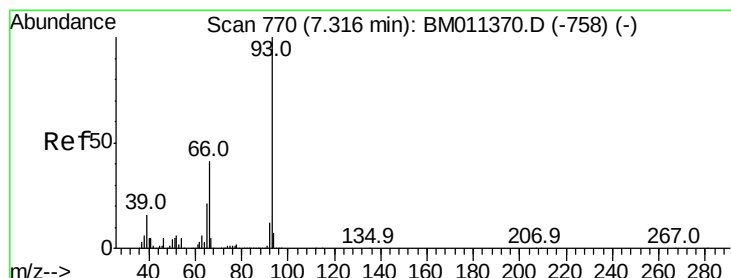
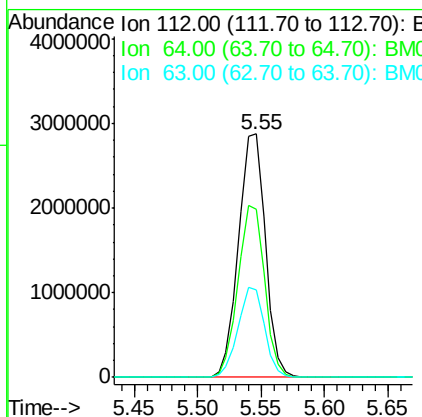
BNA_M

ClientSampleId :

OK-02-090517MS

Manual Integrations
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#6

Aniline

Concen: 9.622 ng

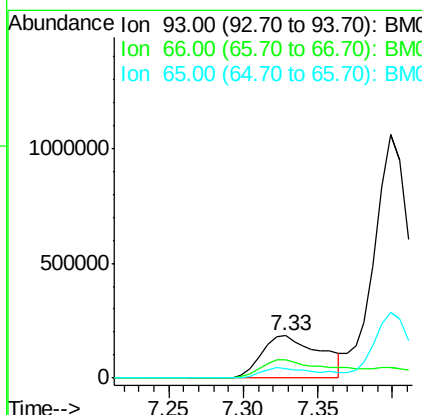
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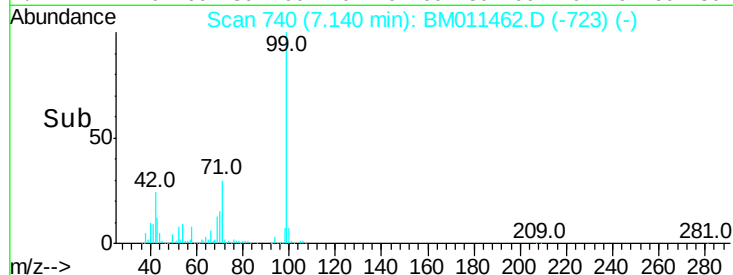
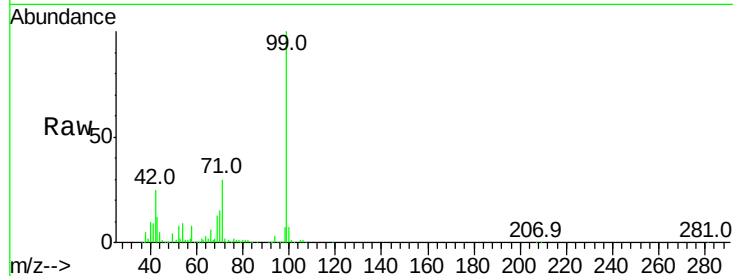
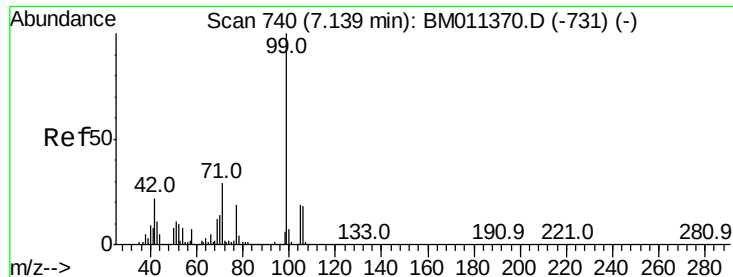
Delta R.T. 0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:	93	Resp:	504771
Ion Ratio	Lower	Upper	
93	100		
66	42.6	30.8	46.2
65	23.5	16.0	24.0





#7

Phenol-d6

Concen: 134.494 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tot Ion: 99 Resp: 5195125

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

71 30.2 23.4 35.2

Instrument :

BNA_M

ClientSampleId :

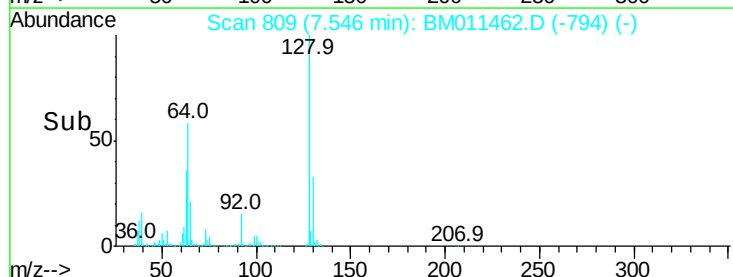
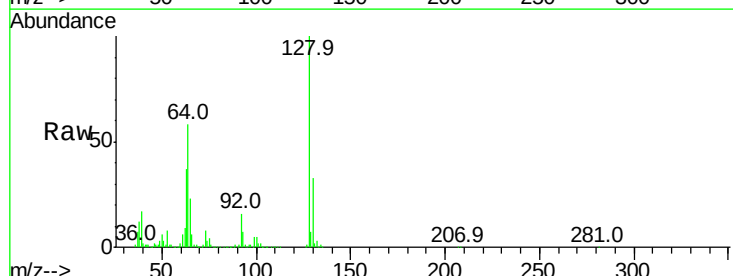
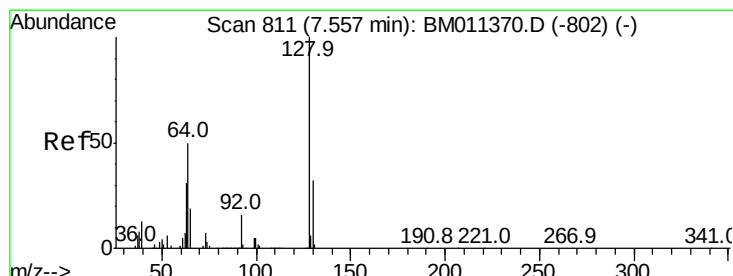
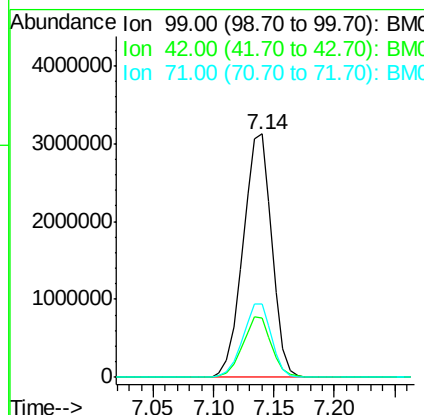
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#8

2-Chlorophenol

Concen: 44.272 ng

RT: 7.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

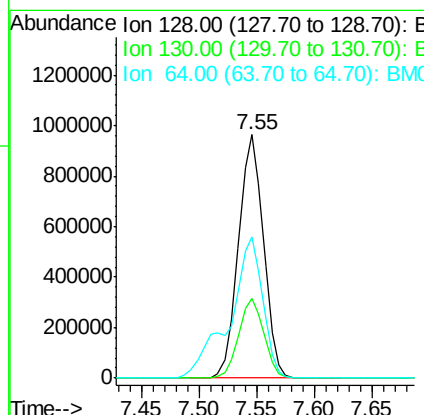
Tgt Ion:128 Resp: 1453949

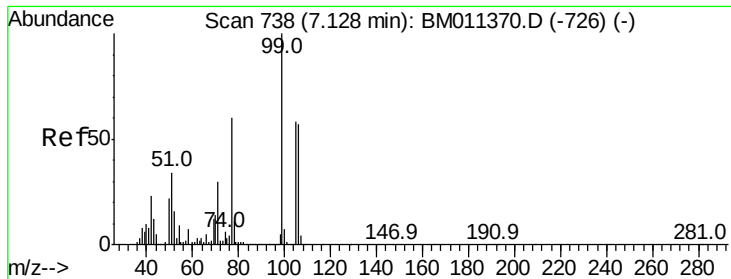
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 58.0 24.9 64.9





#9

Benzaldehyde

Concen: 11.113 ng

RT: 7.12 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

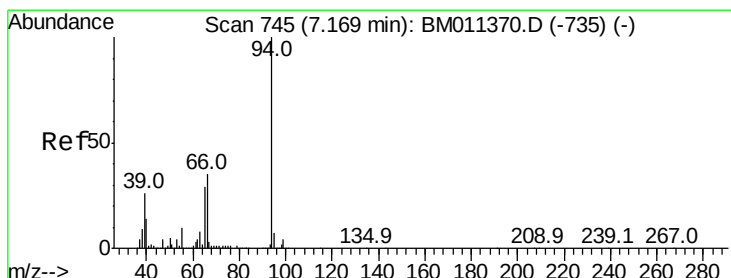
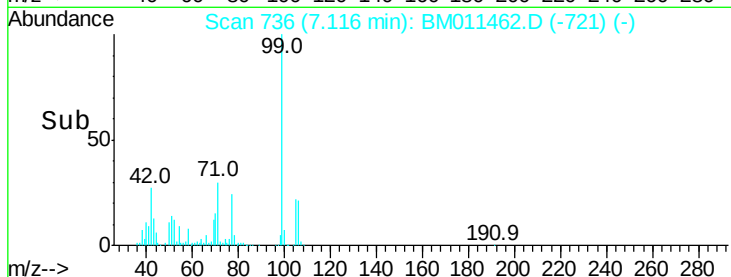
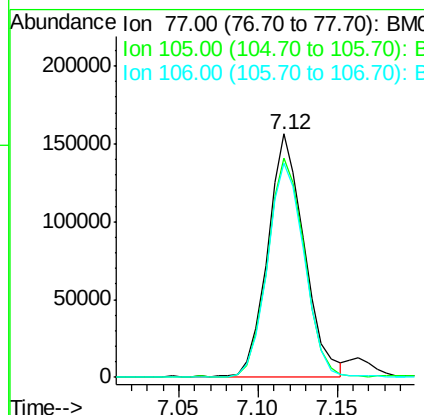
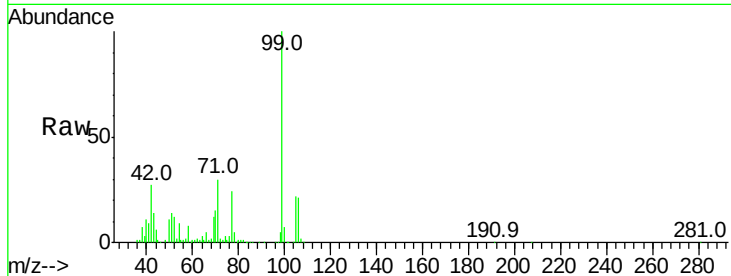
ClientSampleId :

OK-02-090517MS

Tot Ion:	77	Resp:	249523
Ion Ratio	Lower	Upper	
77	100		
105	90.2	78.8	118.8
106	88.2	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 39.593 ng

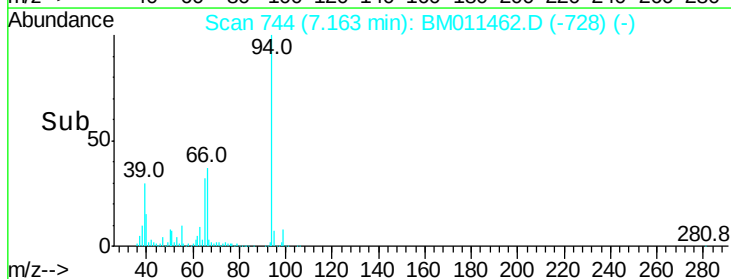
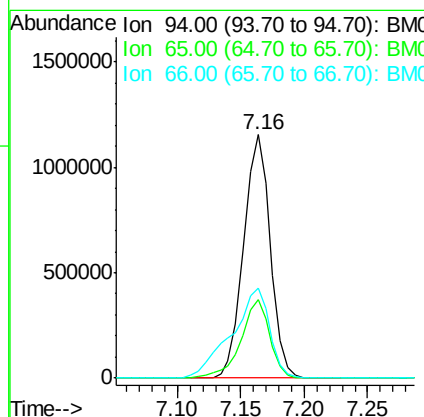
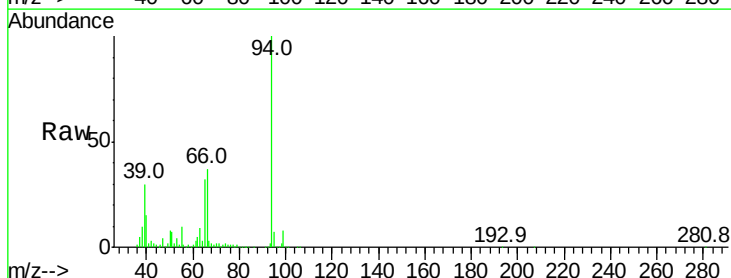
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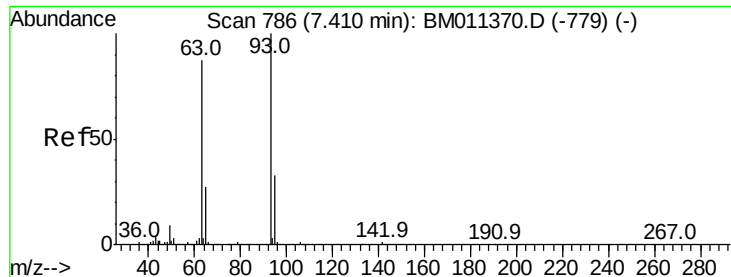
Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:	94	Resp:	1681322
Ion Ratio	Lower	Upper	
94	100		
65	32.0	18.8	58.8
66	37.1	39.9	79.9#





#11

bis(2-Chloroethyl)ether

Concen: 46.895 ng

RT: 7.40 min Scan# 784

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion: 93 Resp: 1591637

Ion Ratio Lower Upper

93 100

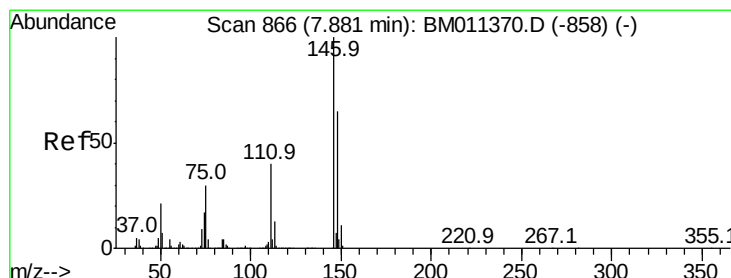
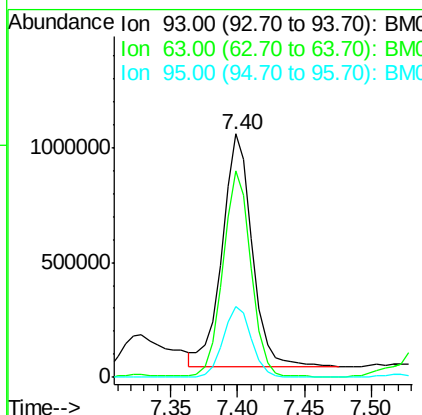
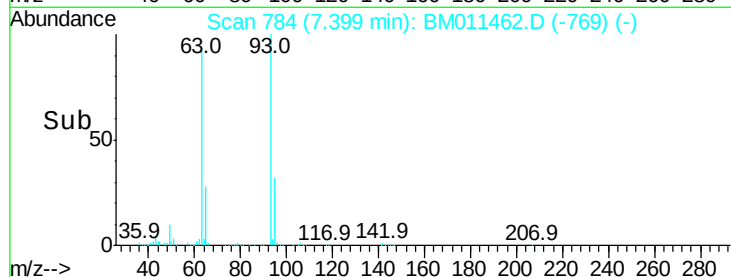
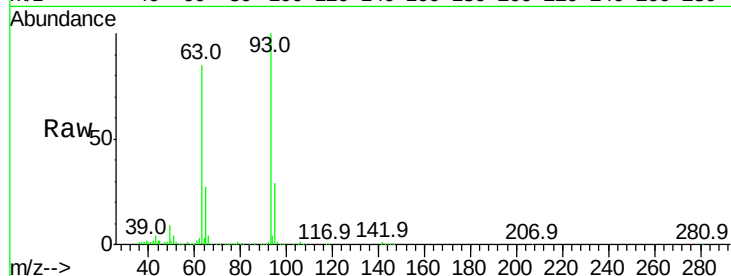
63 84.6 49.5 89.5

95 29.0 13.5 53.5

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#12

1,3-Dichlorobenzene

Concen: 38.431 ng

RT: 7.87 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

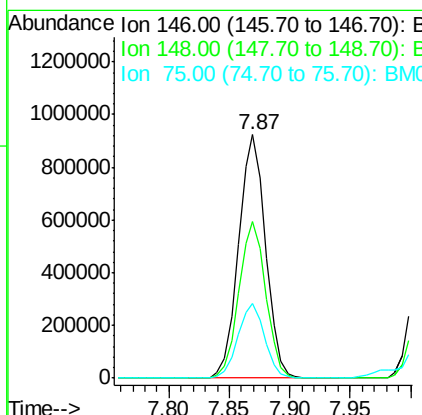
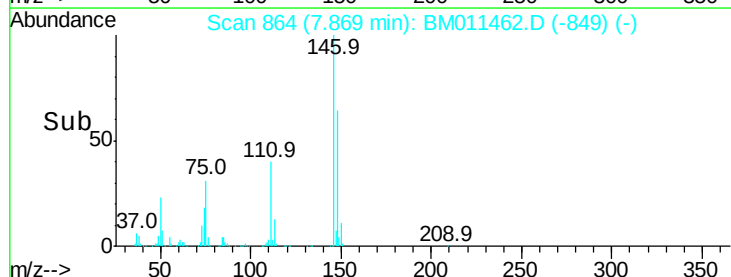
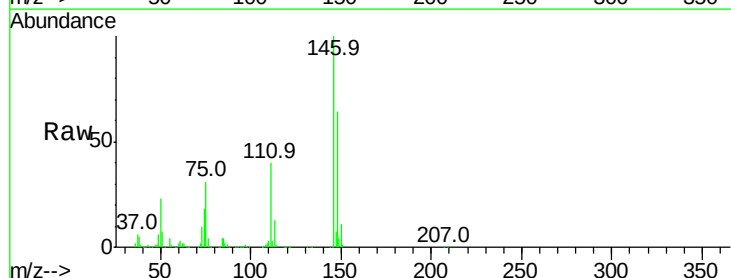
Tgt Ion: 146 Resp: 1437176

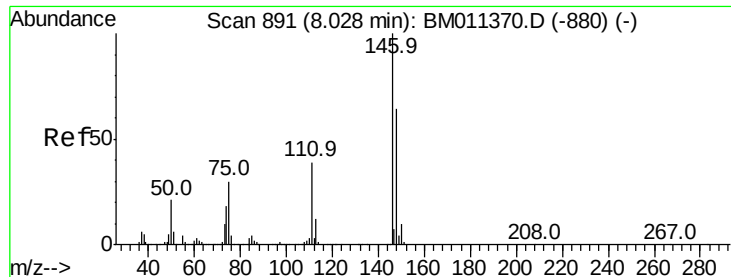
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

75 30.6 21.4 32.2





#13
 1,4-Dichlorobenzene
 Concen: 38.913 ng
 RT: 8.02 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

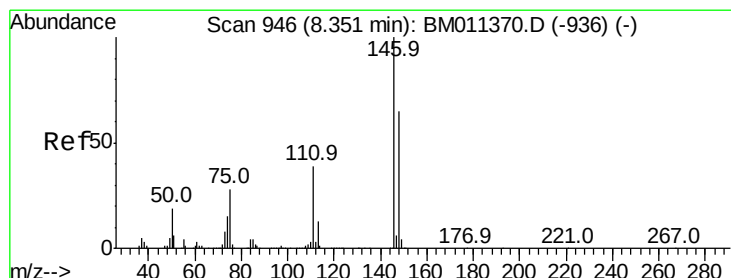
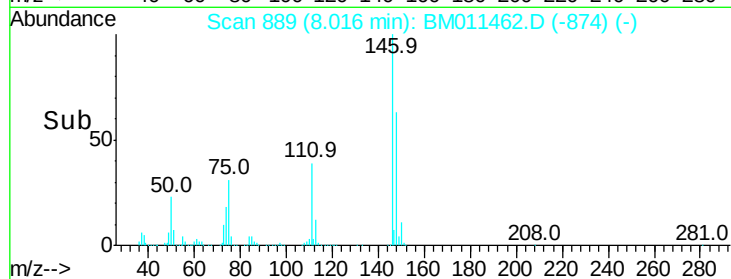
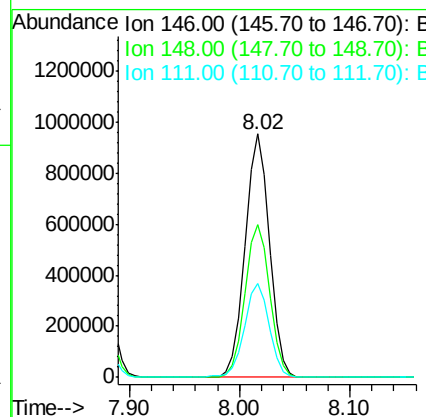
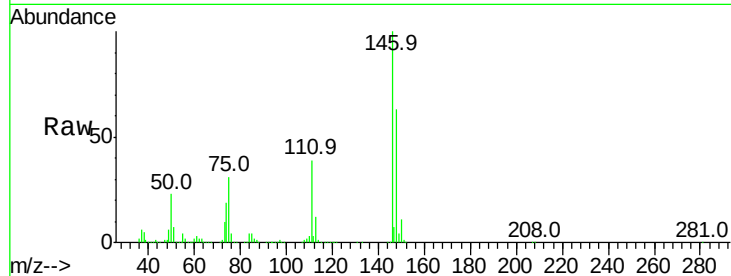
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion:146 Resp: 1479913

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	38.6	29.2	43.8

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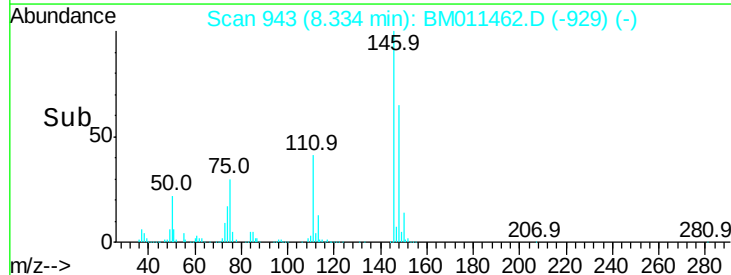
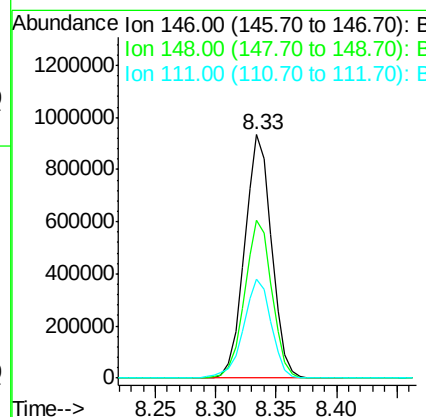
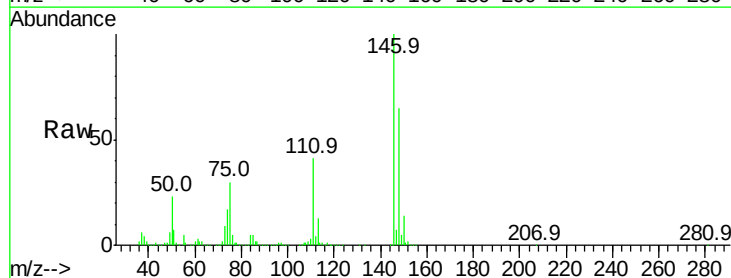
Sohil
 9/8/2017 3:38:23 PM

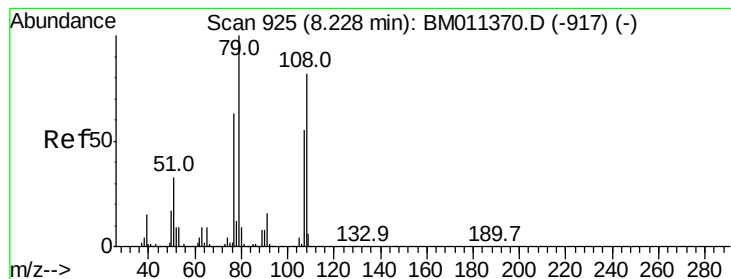


#14
 1,2-Dichlorobenzene
 Concen: 39.405 ng
 RT: 8.33 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion:146 Resp: 1450501

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	40.7	30.6	45.8





#15

Benzyl Alcohol

Concen: 40.341 ng

RT: 8.22 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion: 79 Resp: 1126641

Ion Ratio Lower Upper

79 100

108 80.8 65.0 97.4

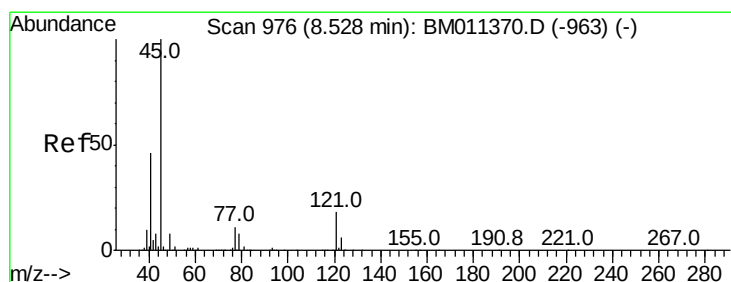
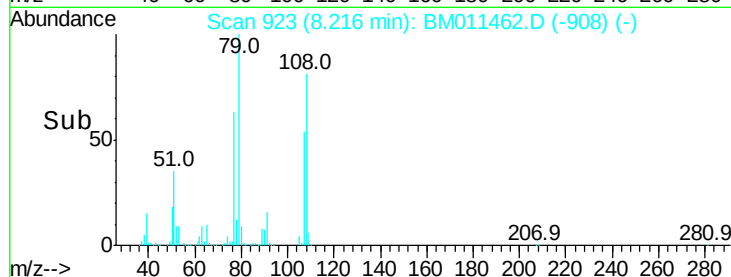
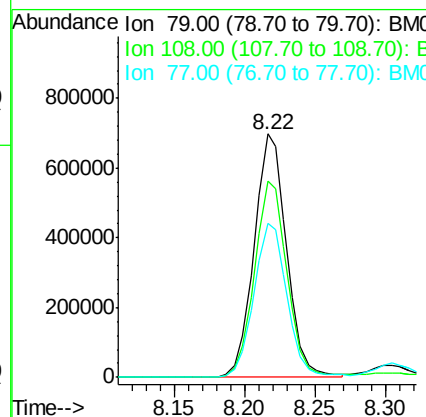
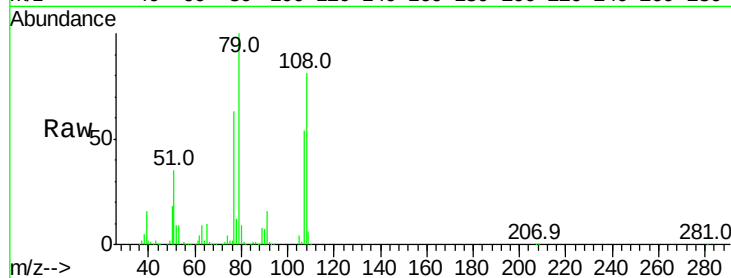
77 63.4 53.0 79.6

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.613 ng

RT: 8.50 min Scan# 972

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

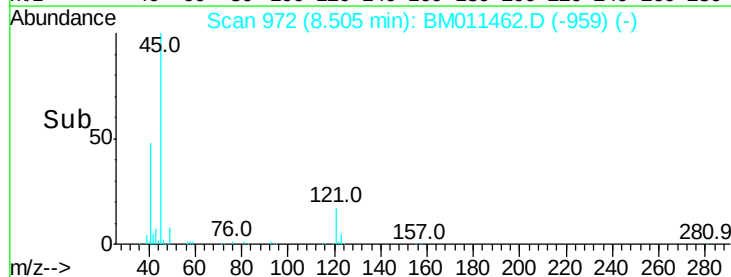
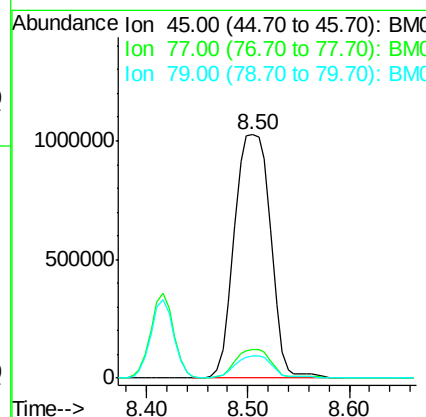
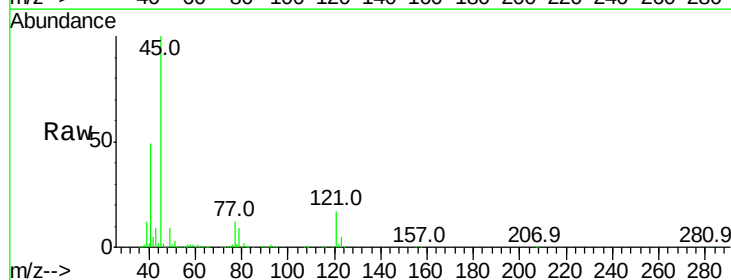
Tgt Ion: 45 Resp: 2532096

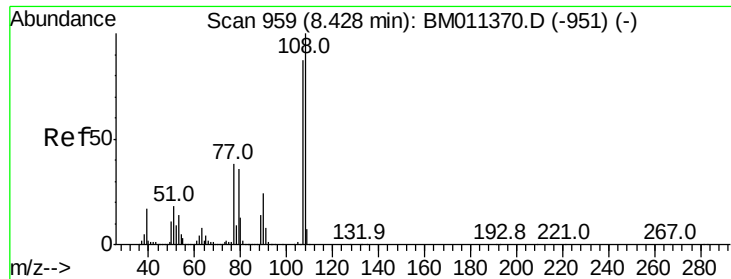
Ion Ratio Lower Upper

45 100

77 11.8 0.0 35.2

79 9.2 0.0 32.0





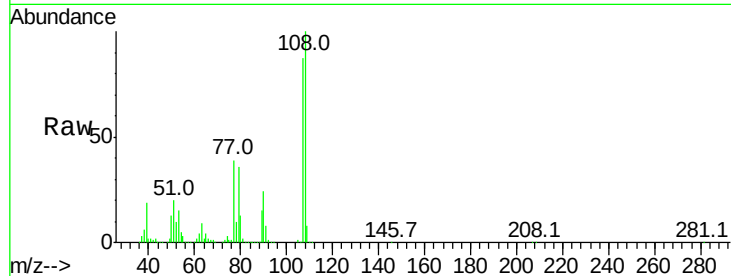
#17
2-Methylphenol
Concen: 45.292 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

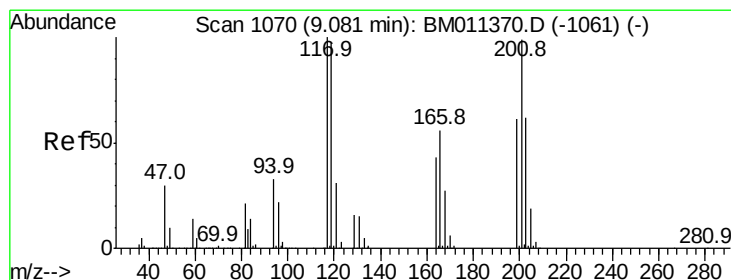
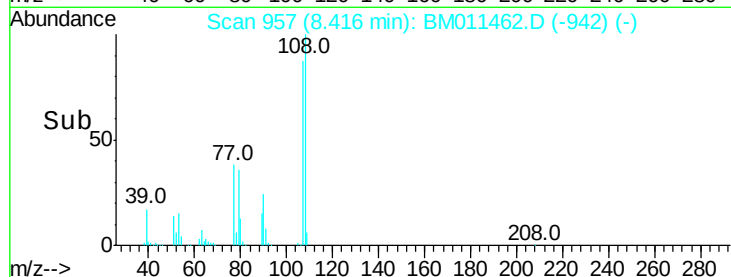
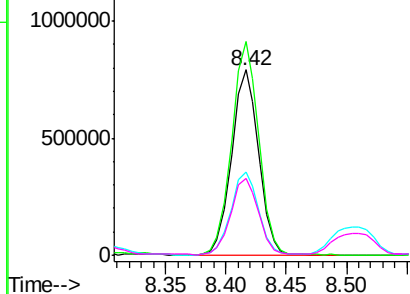
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	89.8	134.8	
77	44.9	32.6	48.8	
79	41.6	32.8	49.2	

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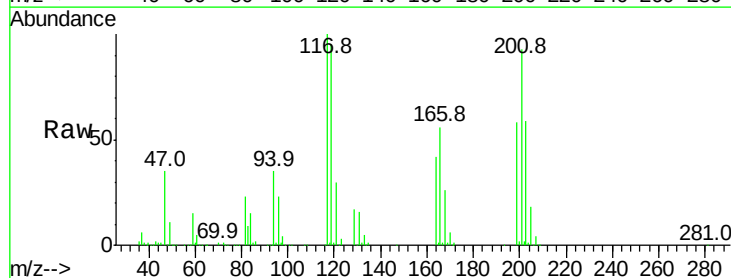


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

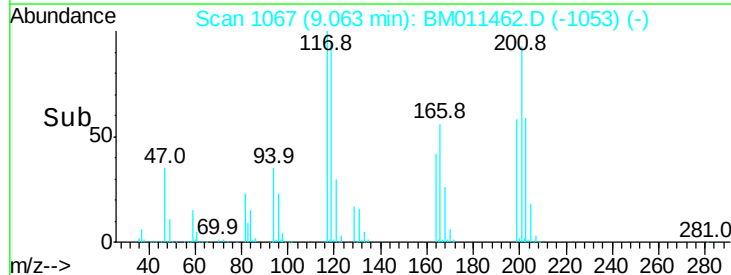
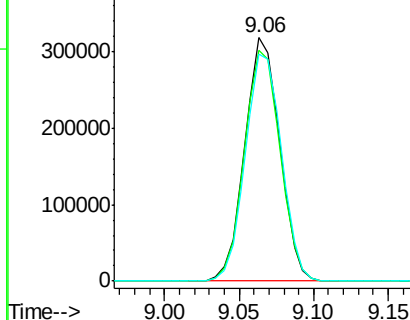


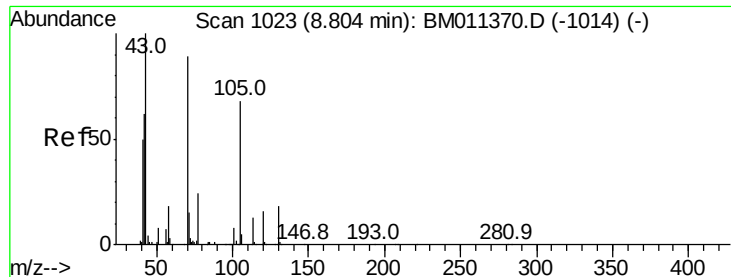
#18
Hexachloroethane
Concen: 39.636 ng
RT: 9.06 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	79.2	118.8	
201	93.4	69.8	104.6	



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





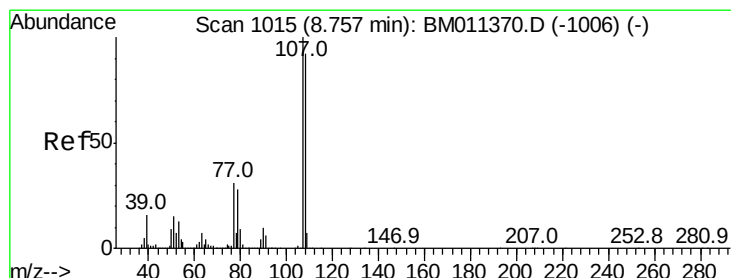
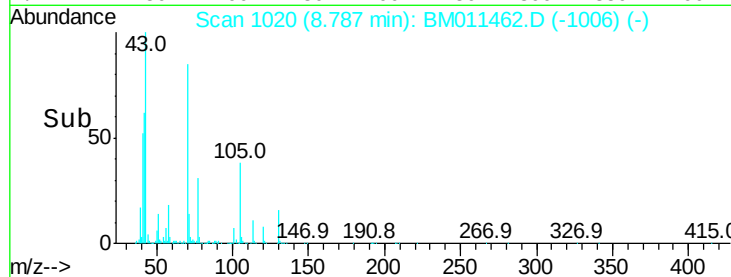
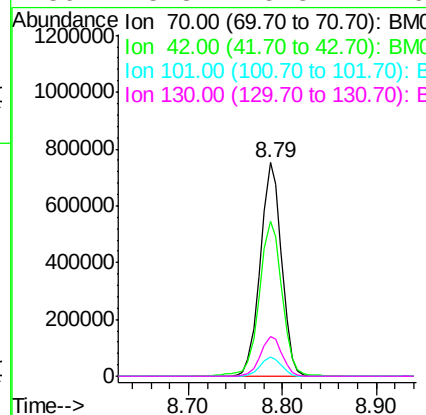
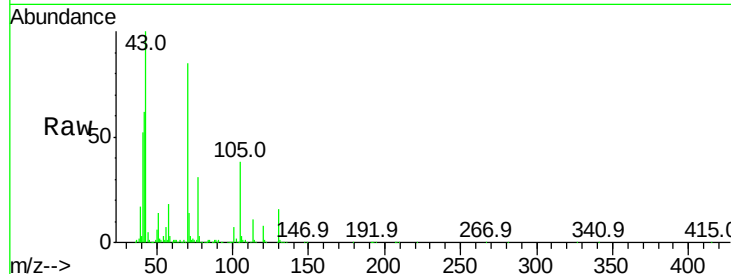
#19
n-Nitroso-di-n-propylamine
Concen: 41.504 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion: 70 Resp: 1177135
Ion Ratio Lower Upper
70 100
42 72.8 44.5 66.7#
101 8.8 7.4 11.2
130 18.8 15.3 22.9

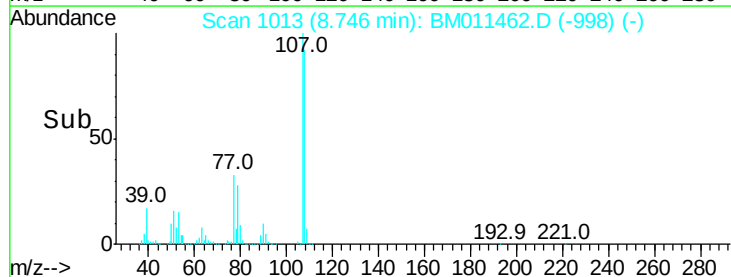
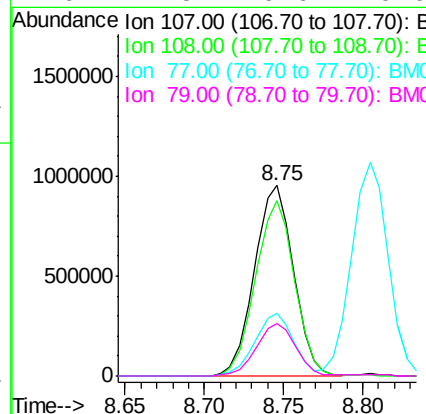
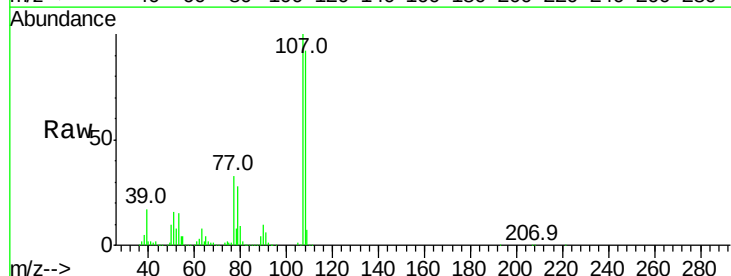
Manual Integrations
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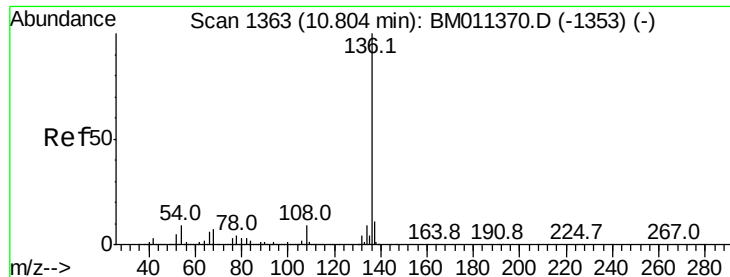
Sohil
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#20
3+4-Methylphenols
Concen: 43.348 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion: 107 Resp: 1635386
Ion Ratio Lower Upper
107 100
108 92.0 73.2 113.2
77 32.9 10.7 50.7
79 27.8 9.6 49.6





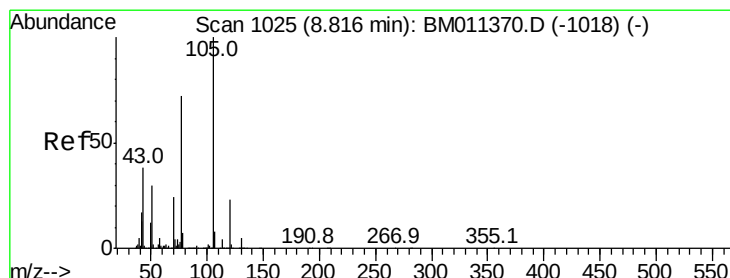
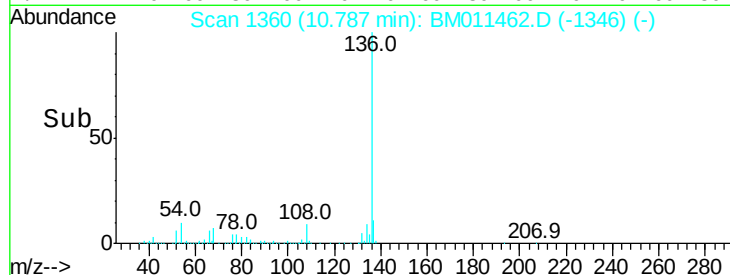
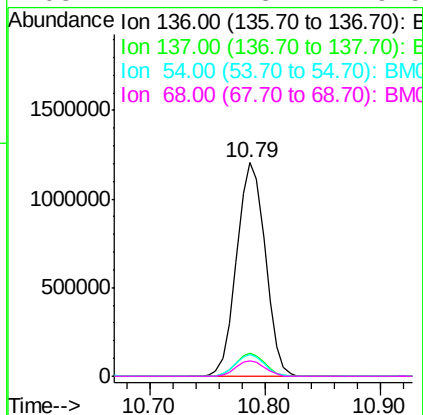
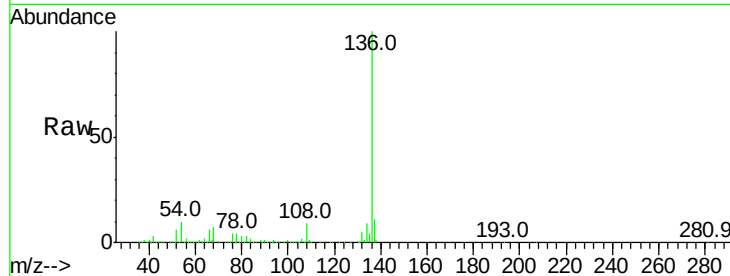
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.3	4.6	6.8#
68	7.1	3.7	5.5#

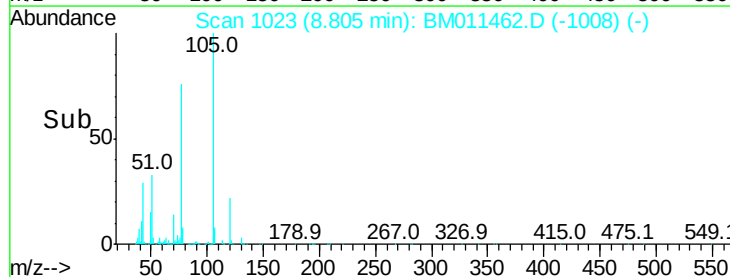
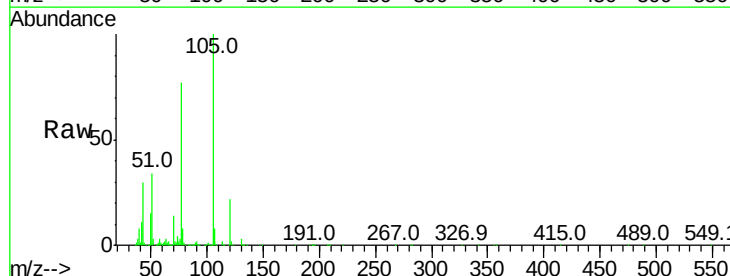
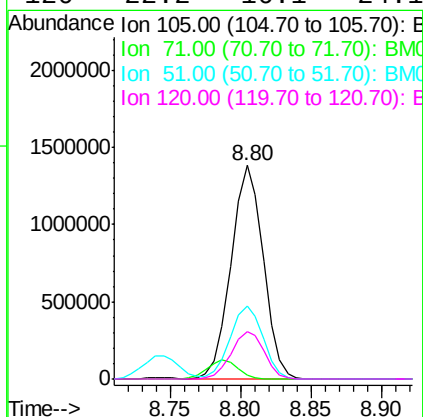
Manual Integrations
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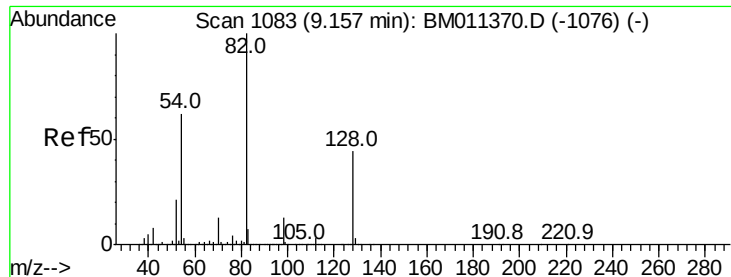
Sohil
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#22
Acetophenone
Concen: 42.707 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.6	1.0#
51	34.2	21.6	32.4#
120	22.2	16.1	24.1





#23
 Nitrobenzene-d5
 Concen: 106.299 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

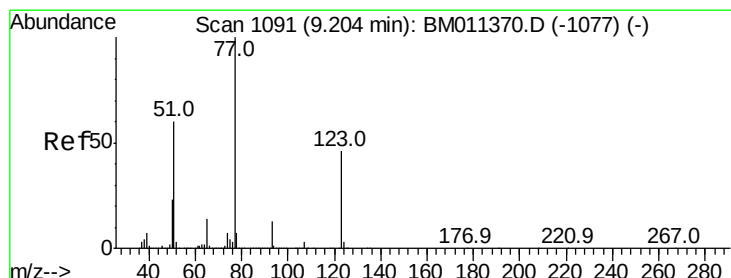
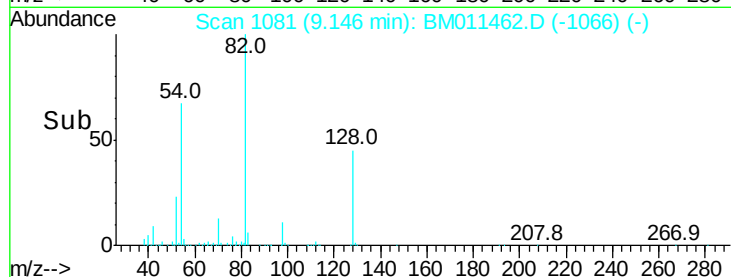
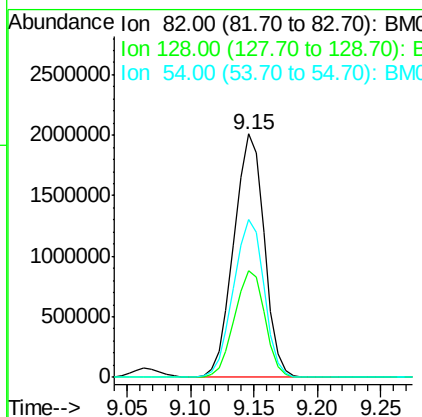
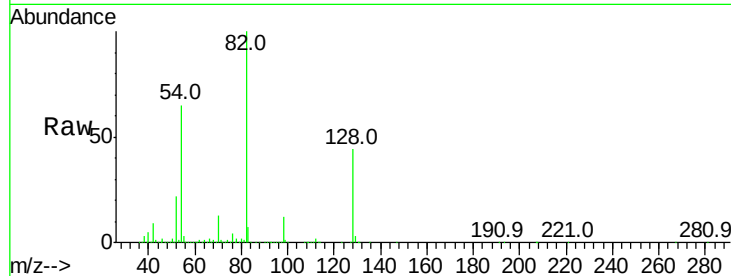
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion: 82 Resp: 3340773

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.8	49.2
54	64.8	40.6	60.8

Manual Integrations
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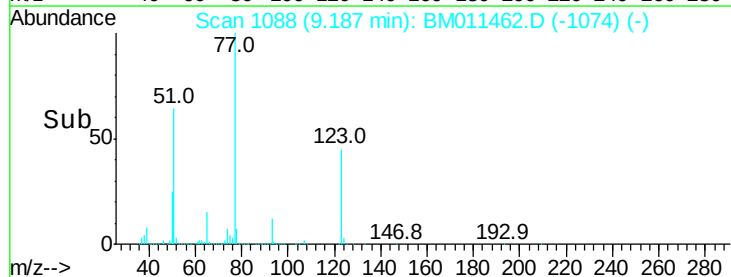
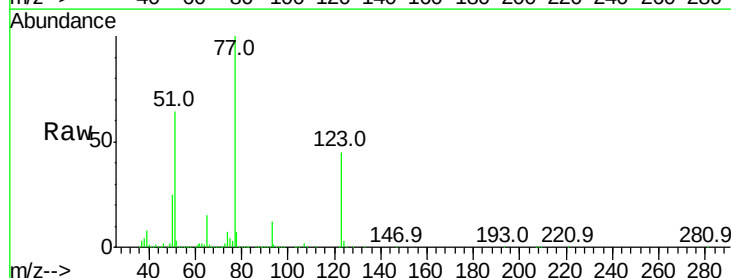
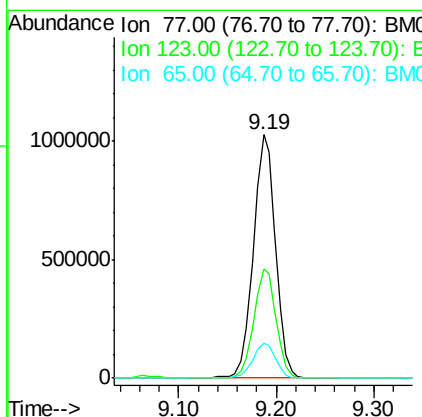
Sohil
 9/8/2017 3:38:23 PM

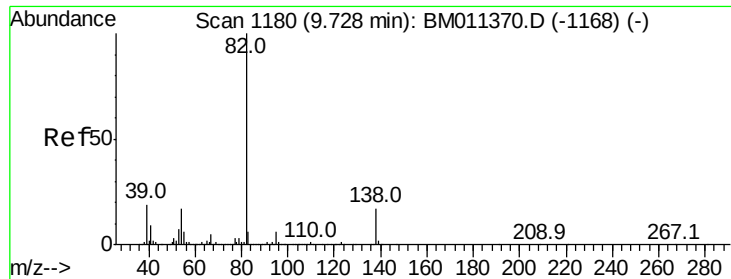


#24
 Nitrobenzene
 Concen: 47.269 ng
 RT: 9.19 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion: 77 Resp: 1636958

Ion	Ratio	Lower	Upper
77	100		
123	44.8	32.6	49.0
65	14.6	10.9	16.3





#25

Isophorone

Concen: 43.688 ng

RT: 9.71 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion: 82 Resp: 3076490

Ion Ratio Lower Upper

82 100

95 5.8 5.8 8.6

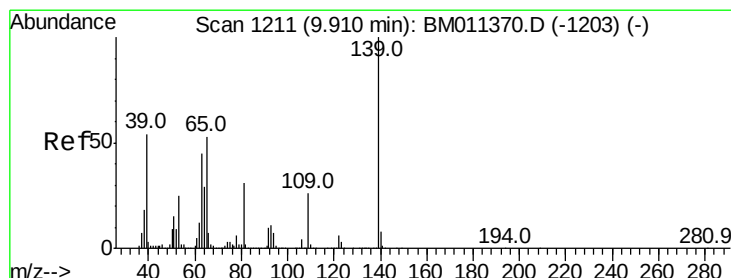
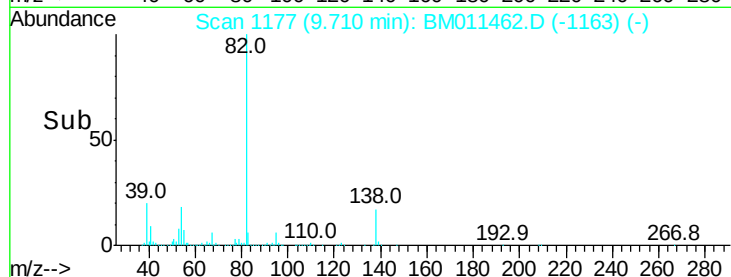
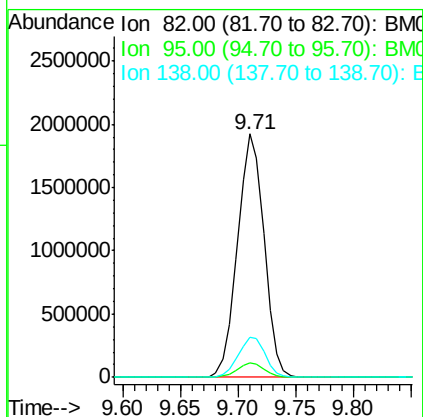
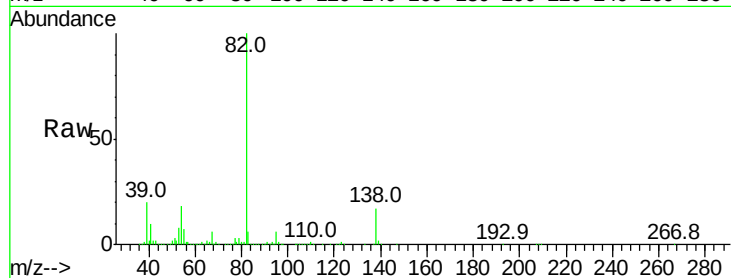
138 16.6 16.3 24.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.595 ng

RT: 9.90 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

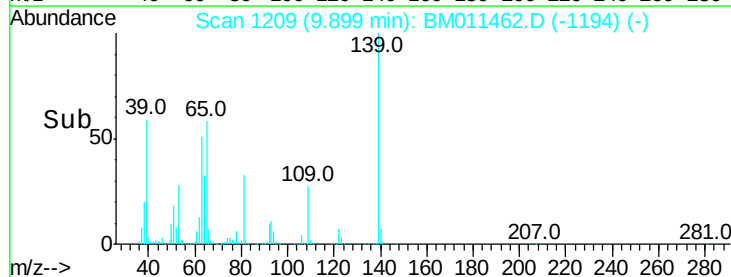
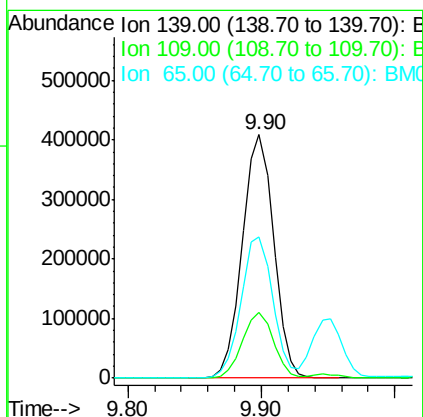
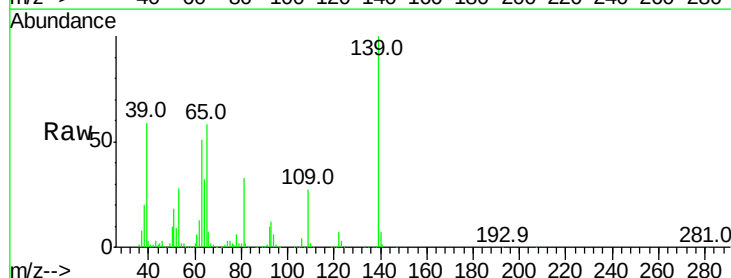
Tgt Ion: 139 Resp: 664086

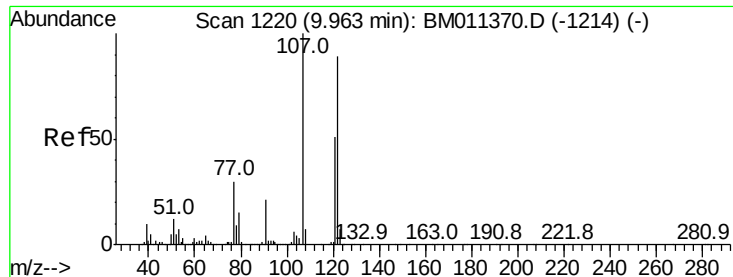
Ion Ratio Lower Upper

139 100

109 27.2 20.1 30.1

65 58.1 31.5 47.3#





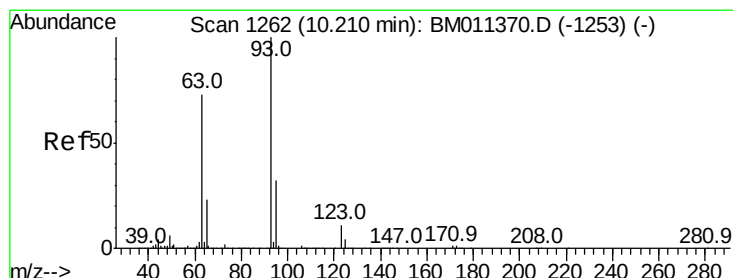
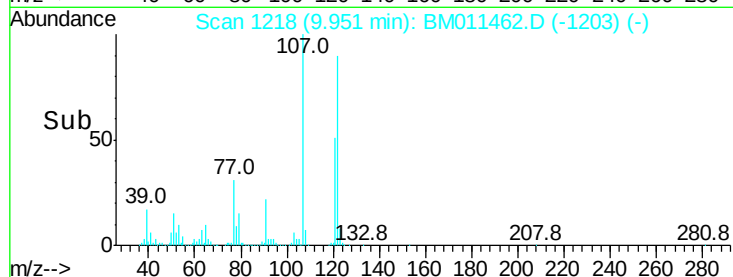
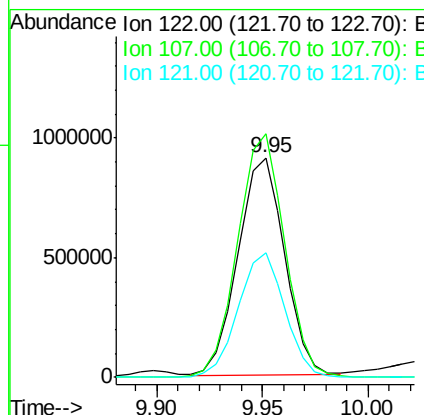
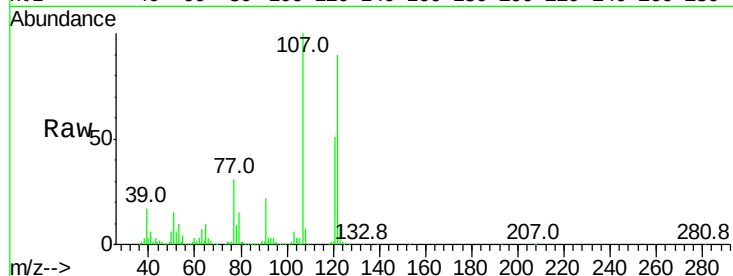
#27
2,4-Dimethylphenol
Concen: 42.481 ng
RT: 9.95 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	84.7	127.1
121	56.5	46.6	69.8

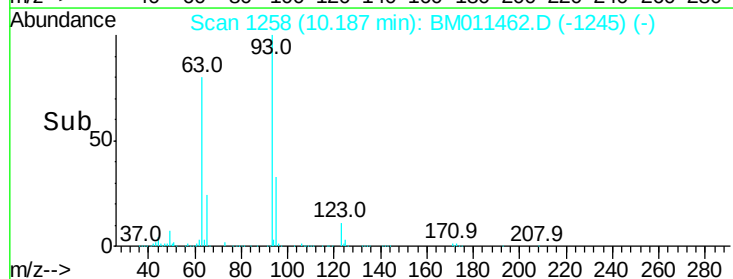
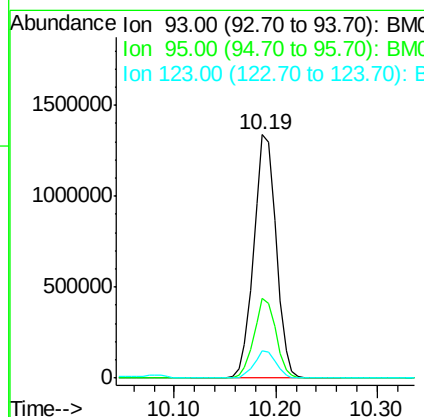
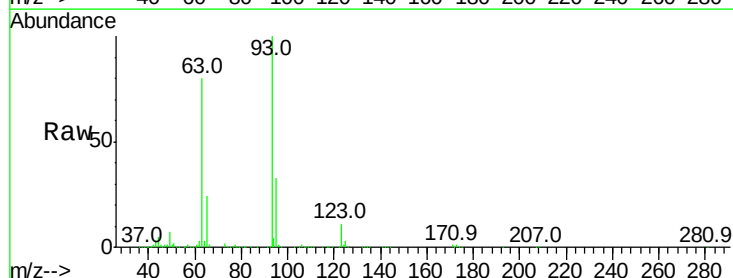
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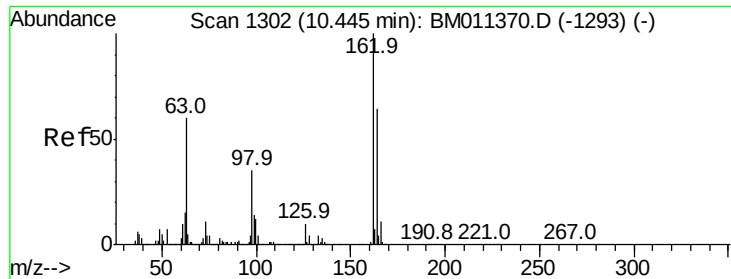
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.757 ng
RT: 10.19 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	11.0	8.6	13.0





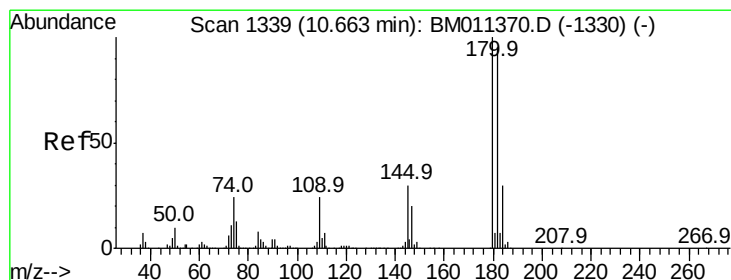
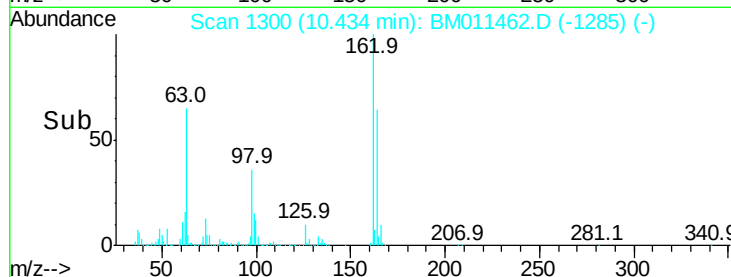
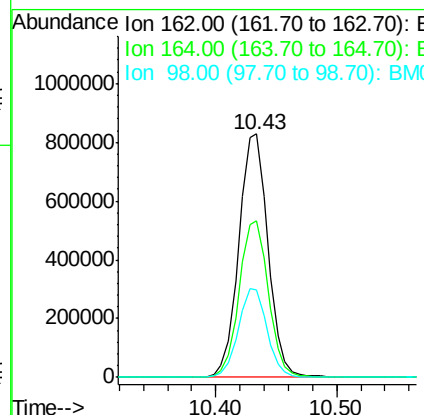
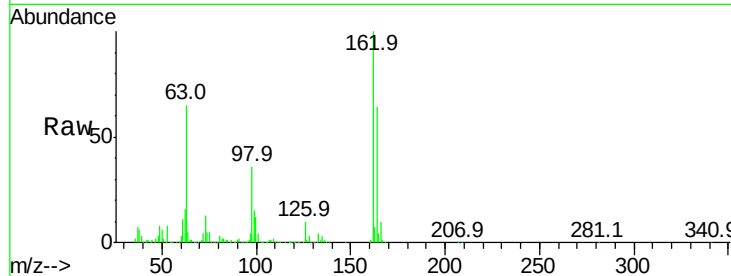
#29
 2,4-Dichlorophenol
 Concen: 45.606 ng
 RT: 10.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.8	82.8
98	35.7	14.5	54.5

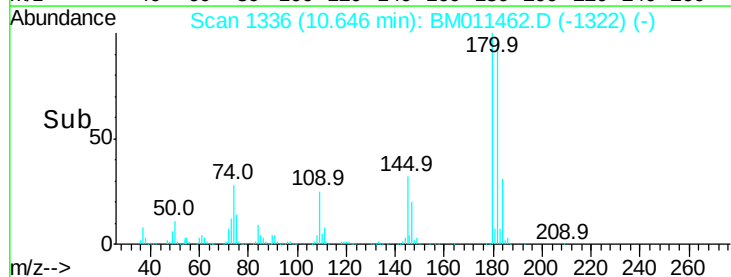
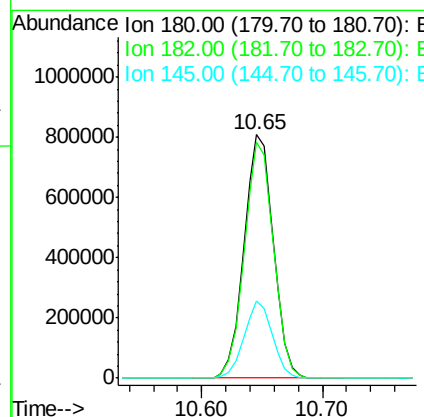
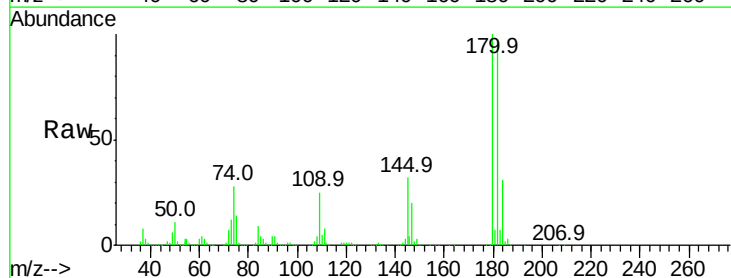
Manual Integrations
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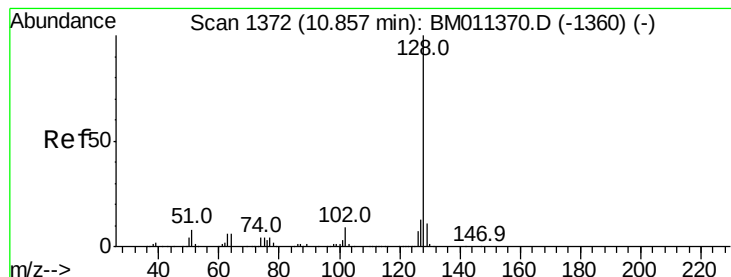
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.110 ng
 RT: 10.65 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.6	116.4
145	31.6	23.4	35.2





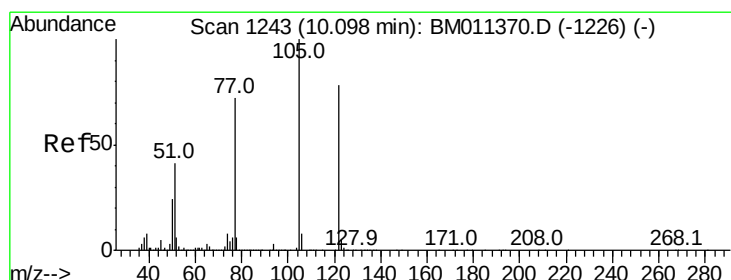
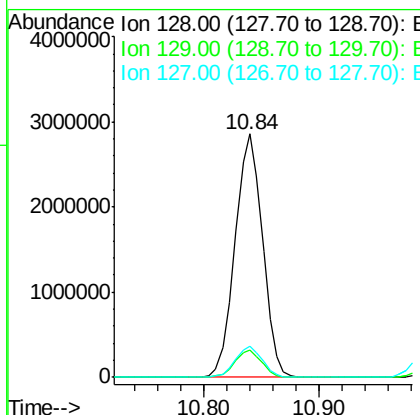
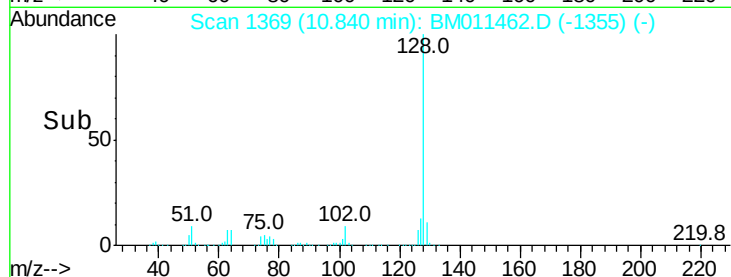
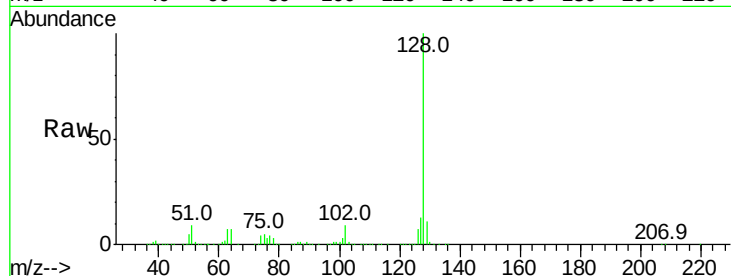
#31
Naphthalene
Concen: 42.041 ng
RT: 10.84 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion:128 Resp: 4700932
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.6 10.4 15.6

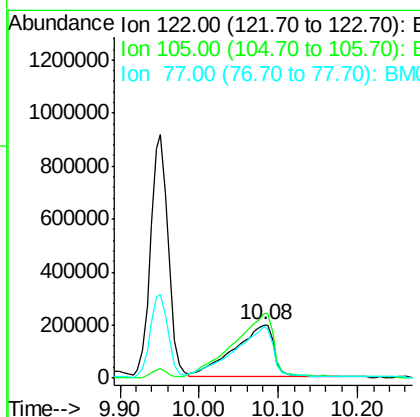
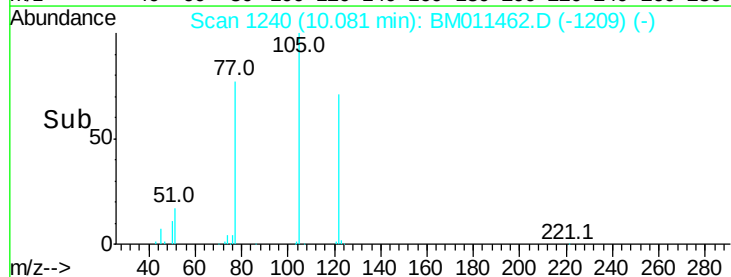
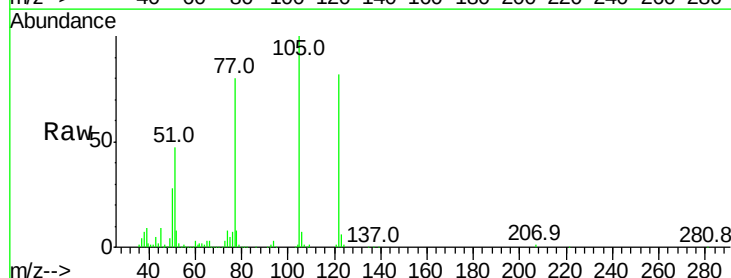
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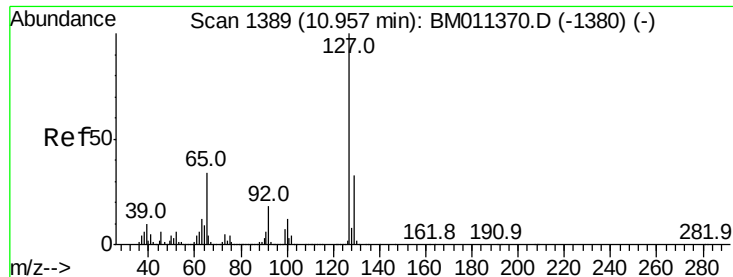
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#32
Benzoic acid
Concen: 33.515 ng
RT: 10.08 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion:122 Resp: 696008
Ion Ratio Lower Upper
122 100
105 121.9 99.9 139.9
77 97.0 73.7 113.7





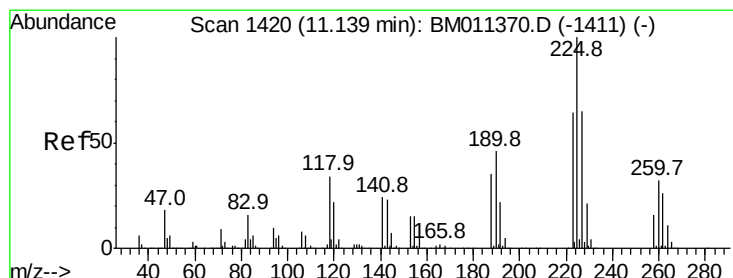
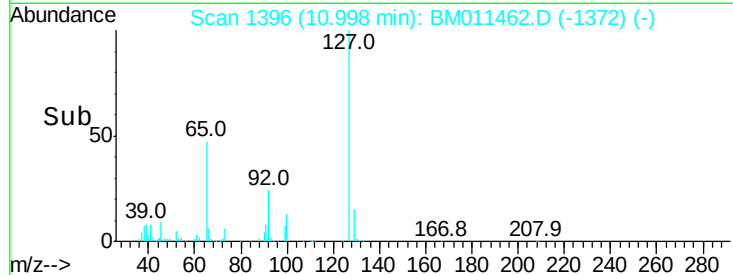
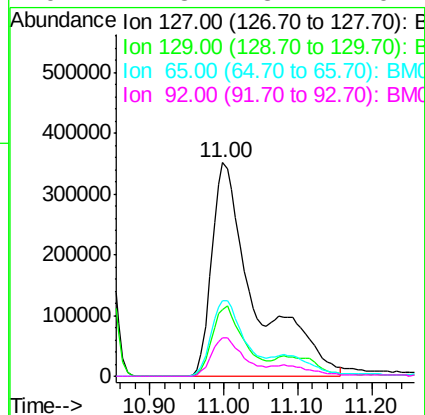
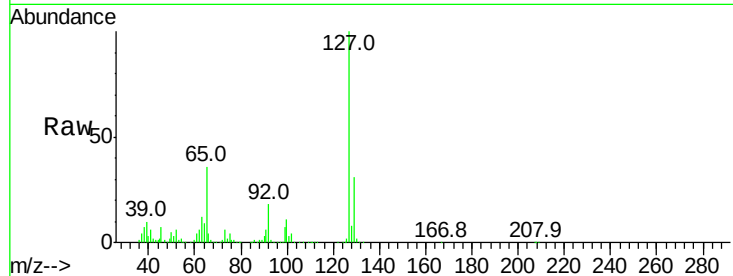
#33
4-Chloroaniline
Concen: 29.478 ng/mL
RT: 11.00 min Scan# 1396
Delta R.T. 0.04 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.3	37.9		
65	35.5	17.6	26.4		
92	17.8	13.1	19.7		

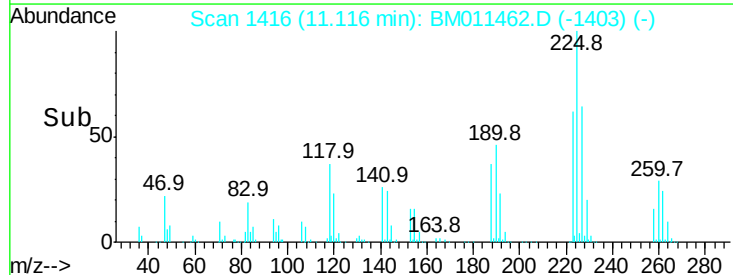
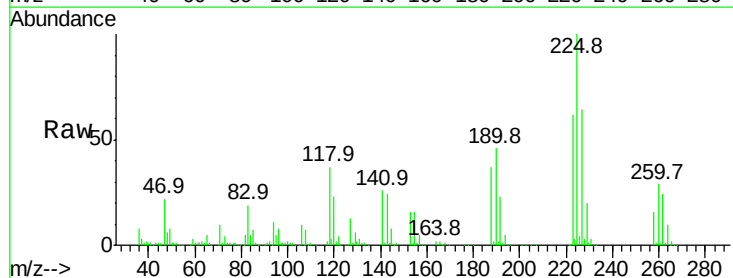
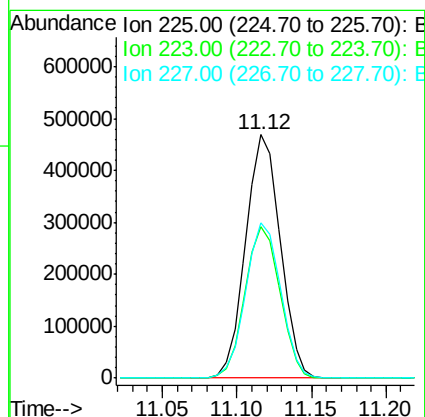
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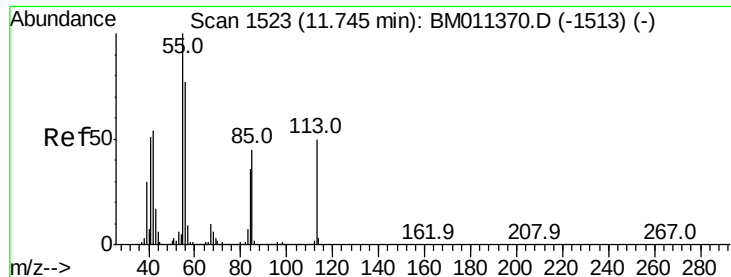
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#34
Hexachlorobutadiene
Concen: 38.901 ng/mL
RT: 11.12 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	47.9	71.9		
227	63.8	50.1	75.1		





#35

Caprolactam

Concen: 29.966 ng/mL

RT: 11.75 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

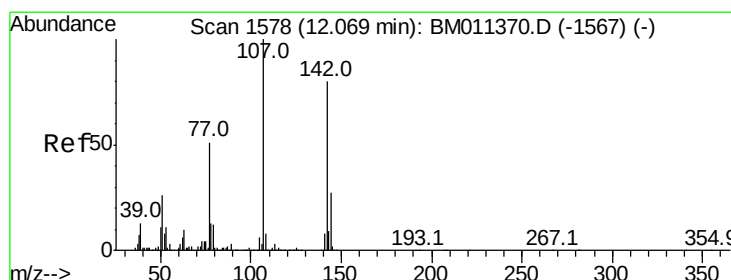
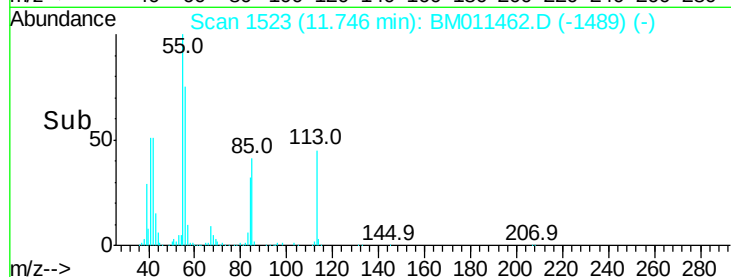
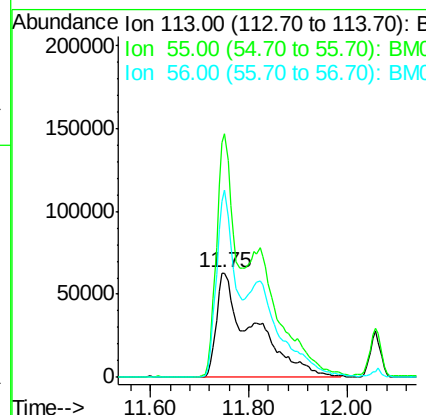
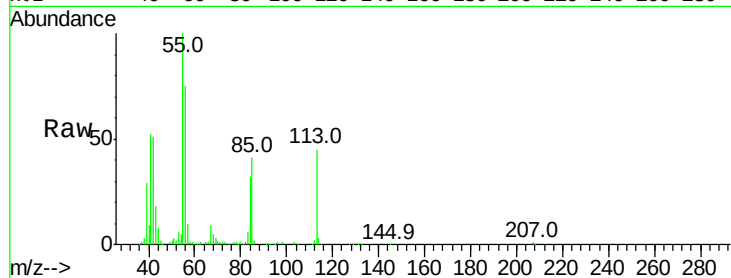
ClientSampleId :

OK-02-090517MS

Tot Ion:	113	Resp:	331532
Ion Ratio	Lower	Upper	
113	100		
55	224.0	145.9	185.9#
56	168.4	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 41.370 ng/mL

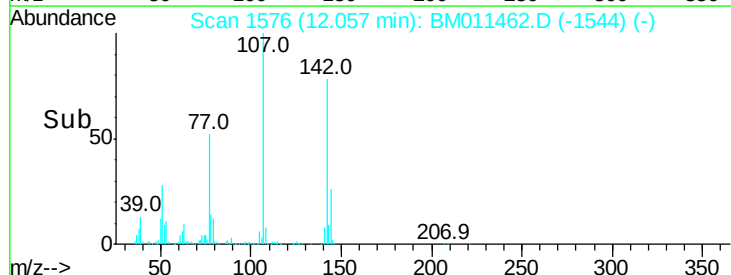
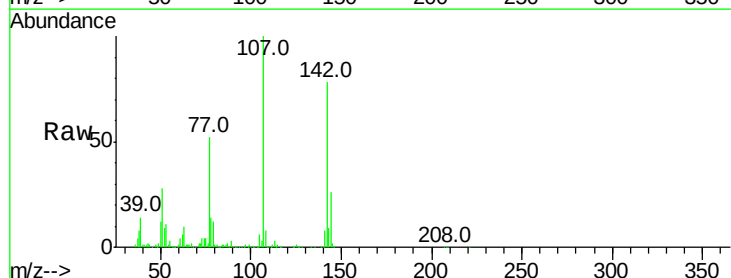
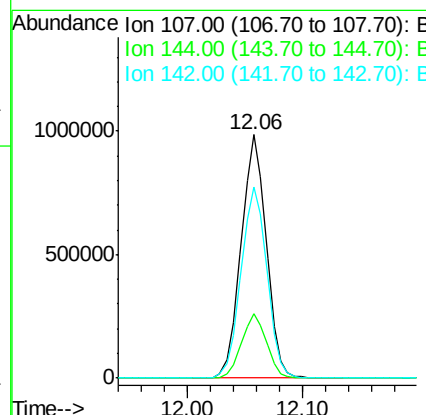
RT: 12.06 min Scan# 1576

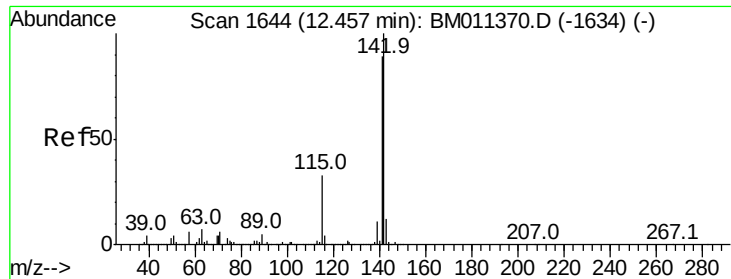
Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:	107	Resp:	1492697
Ion Ratio	Lower	Upper	
107	100		
144	26.2	23.3	34.9
142	78.3	72.6	109.0





#37

2-Methylnaphthalene

Concen: 44.173 ng

RT: 12.44 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:142 Resp: 3437920

Ion Ratio Lower Upper

142 100

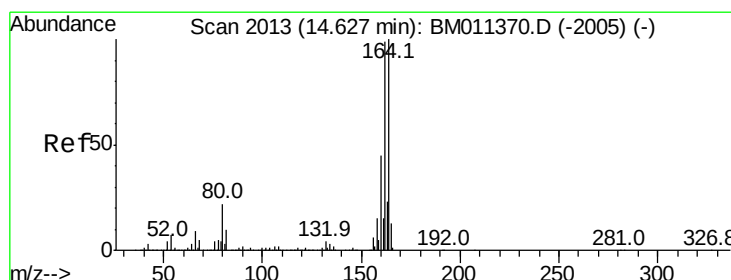
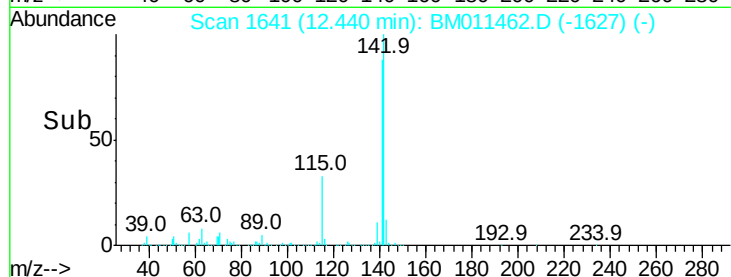
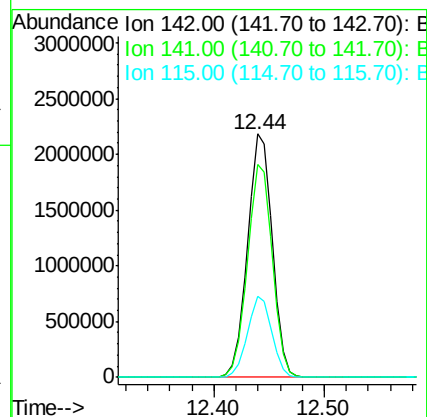
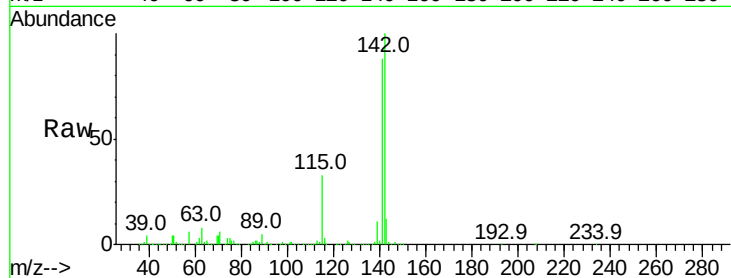
141 87.5 71.9 107.9

115 33.2 25.4 38.0

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#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

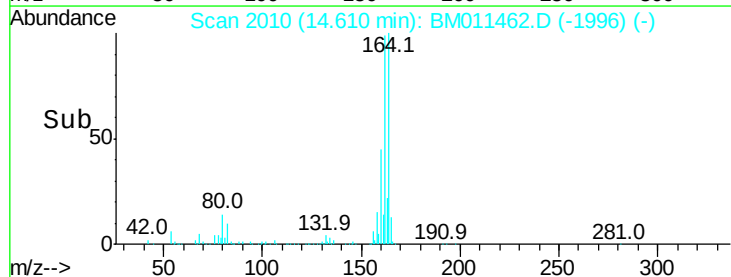
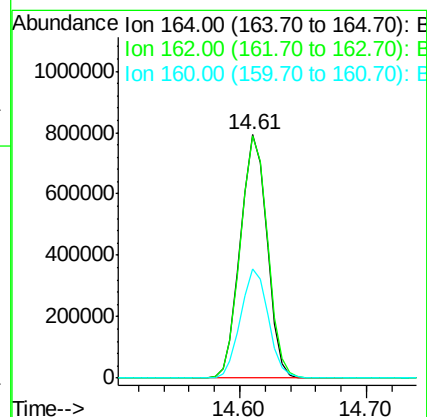
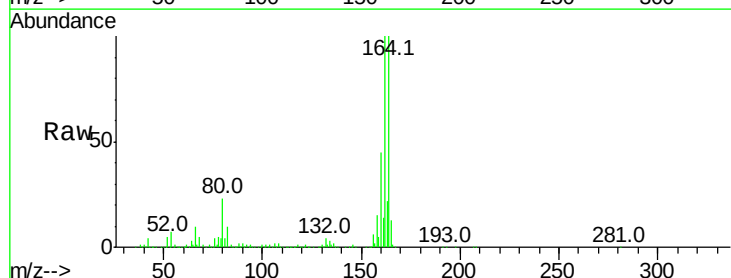
Tgt Ion:164 Resp: 1153362

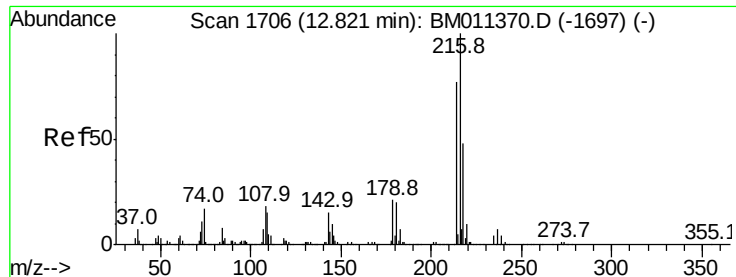
Ion Ratio Lower Upper

164 100

162 99.8 82.4 123.6

160 44.8 35.8 53.6





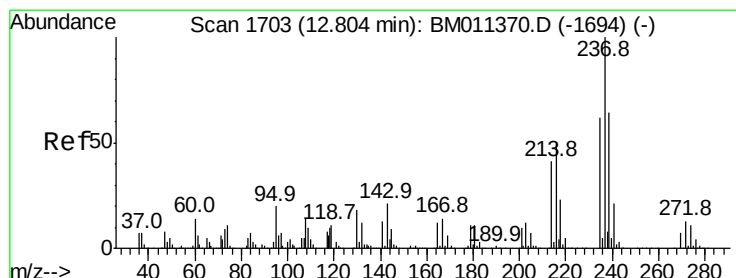
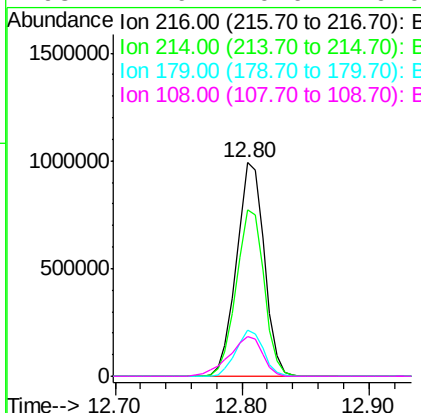
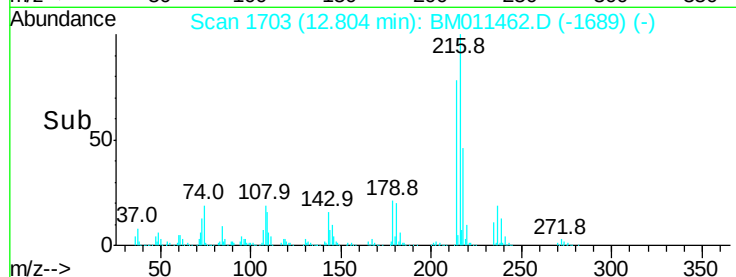
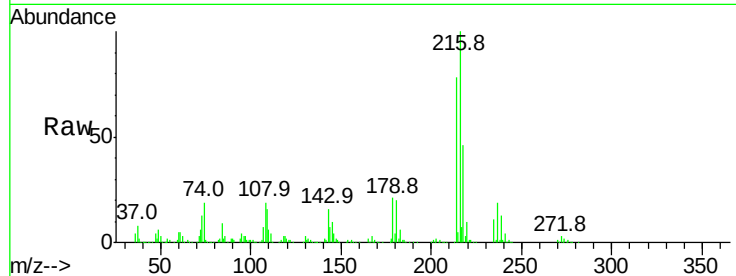
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.075 ng
 RT: 12.80 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	21.3	0.0	0.0#
108	22.6	0.0	0.0#

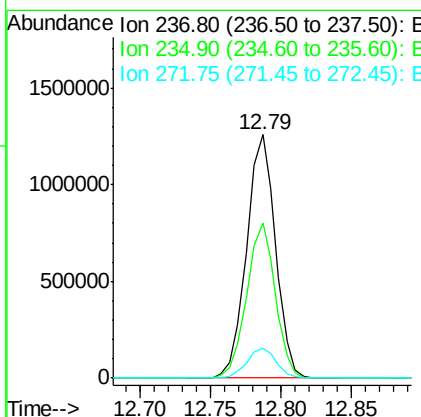
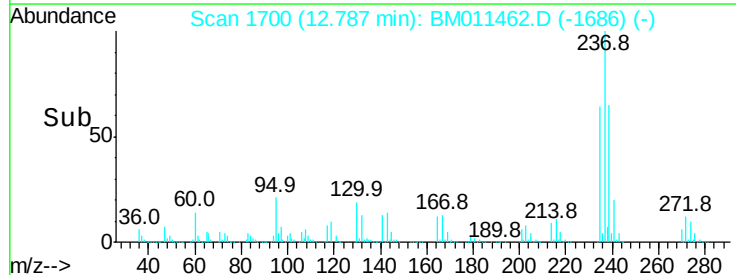
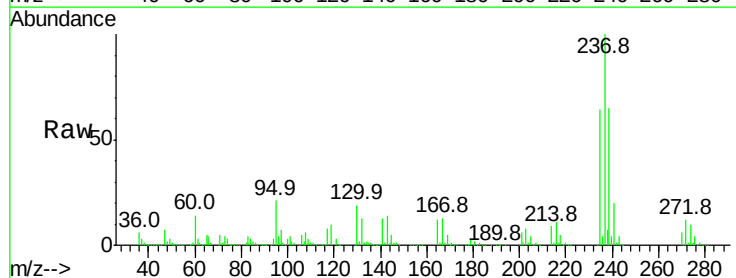
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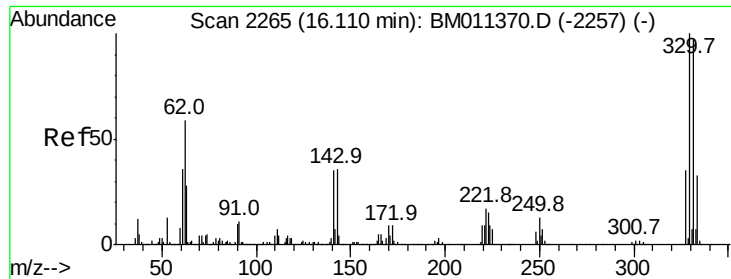
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#40
 Hexachlorocyclopentadiene
 Concen: 113.737 ng
 RT: 12.79 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.0	82.0
272	12.1	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 156.643 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

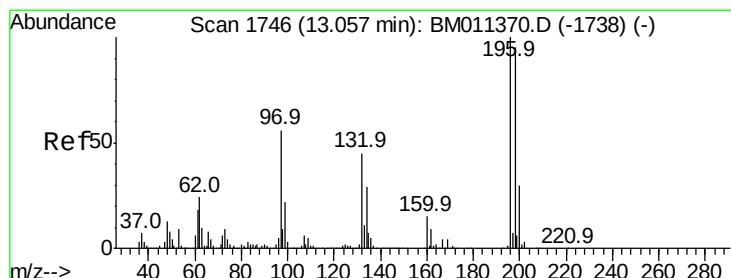
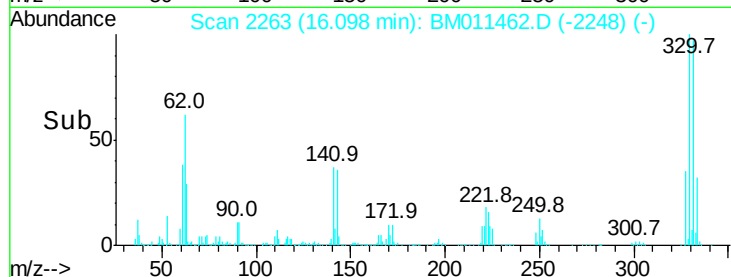
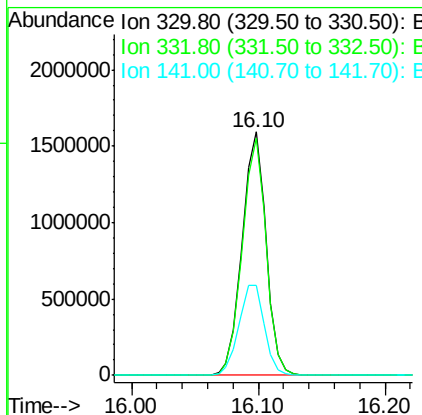
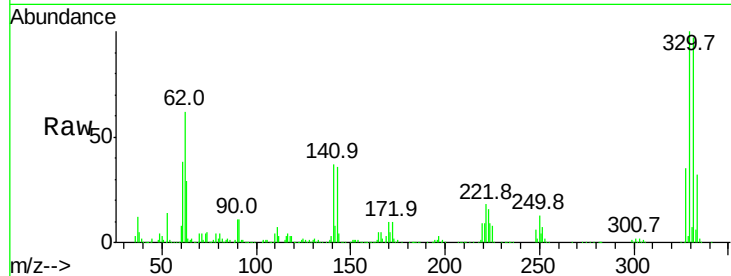
ClientSampleId :

OK-02-090517MS

Tot Ion:	330	Resp:	2090225
Ion Ratio	Lower	Upper	
330	100		
332	97.0	0.0	0.0#
141	39.6	0.0	0.0#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 44.085 ng

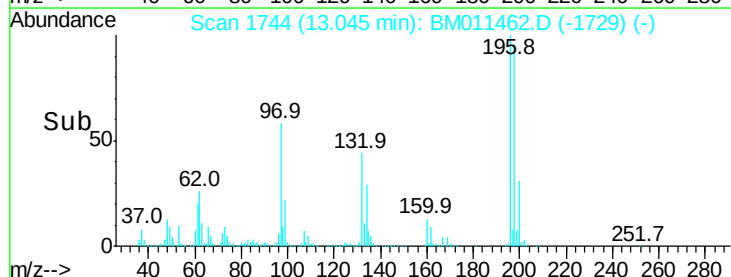
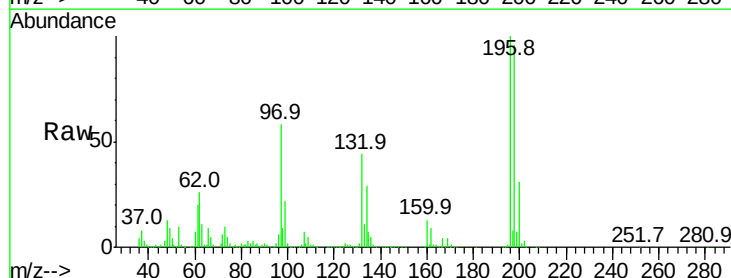
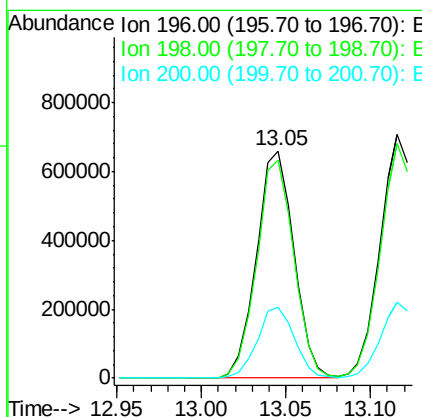
RT: 13.05 min Scan# 1744

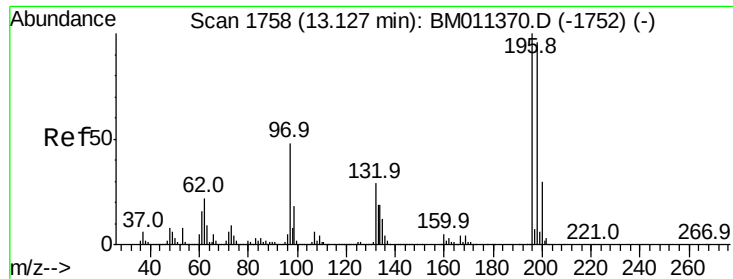
Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:	196	Resp:	1012873
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.3	114.5
200	31.2	25.6	38.4





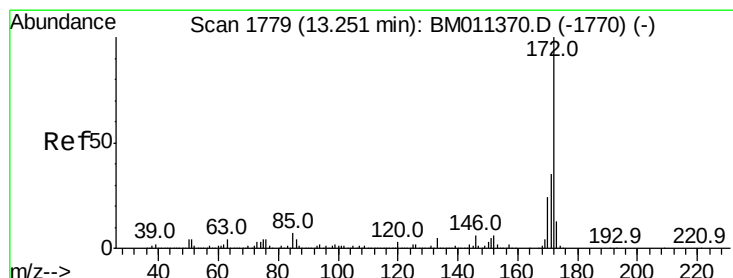
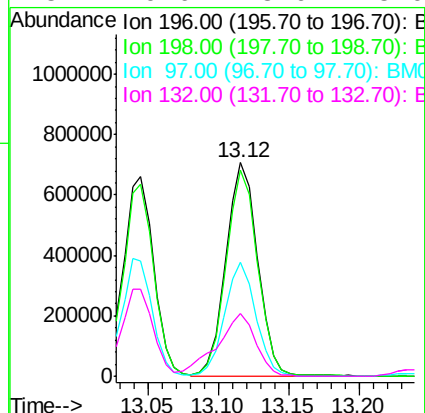
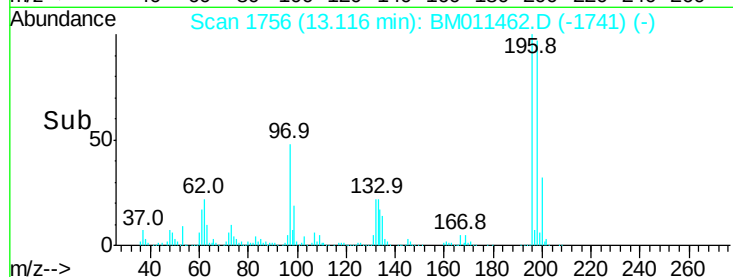
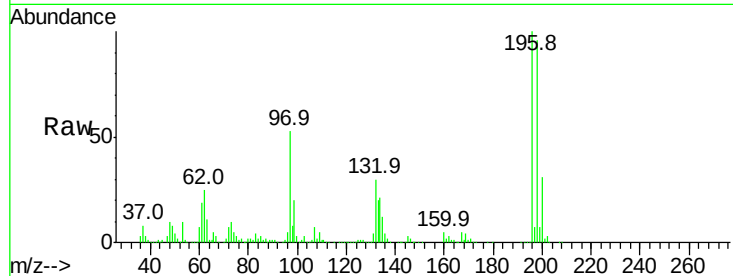
#43
 2,4,5-Trichlorophenol
 Concen: 47.060 ng
 RT: 13.12 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.4	119.0
97	53.4	26.8	40.2#
132	29.6	18.6	28.0#

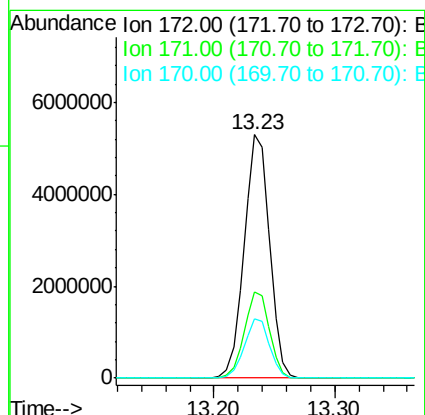
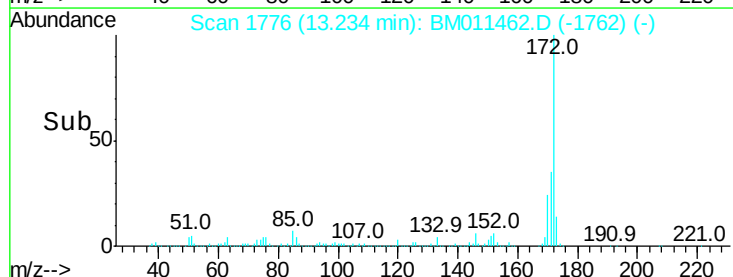
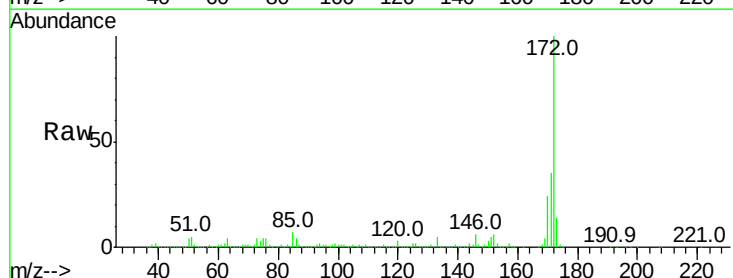
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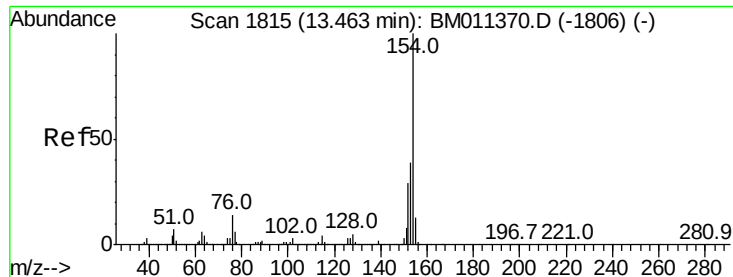
Sohil
 9/8/2017 3:38:23 PM



#44
 2-Fluorobiphenyl
 Concen: 97.109 ng
 RT: 13.23 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.2	18.8	28.2





#45

1,1'-Biphenyl

Concen: 41.520 ng

RT: 13.45 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

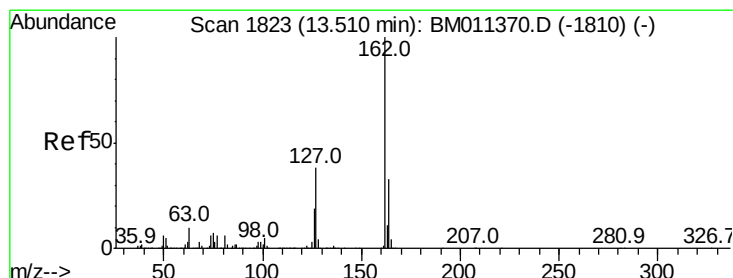
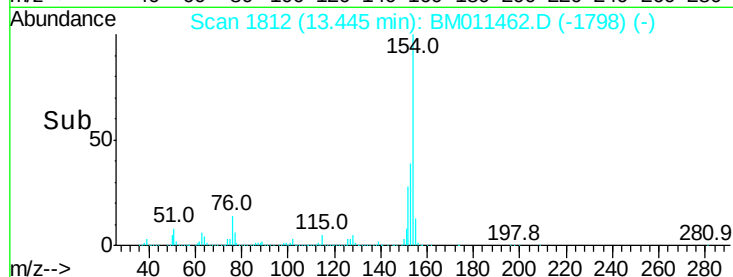
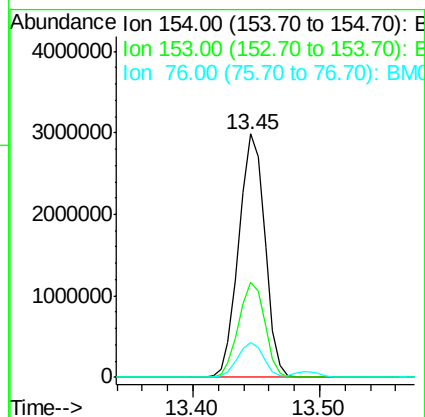
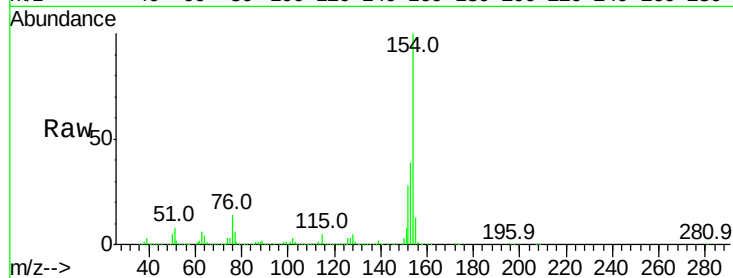
ClientSampleId :

OK-02-090517MS

Tot Ion:	154	Resp:	4251357
Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.7	60.7
76	14.2	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 41.920 ng

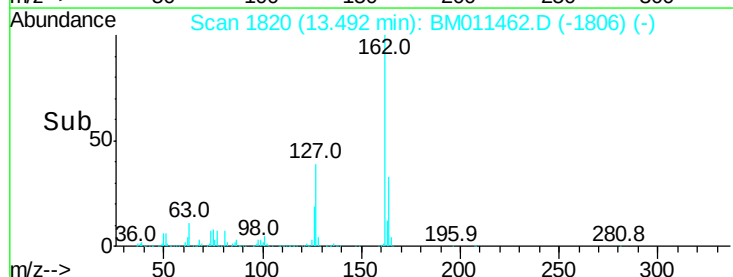
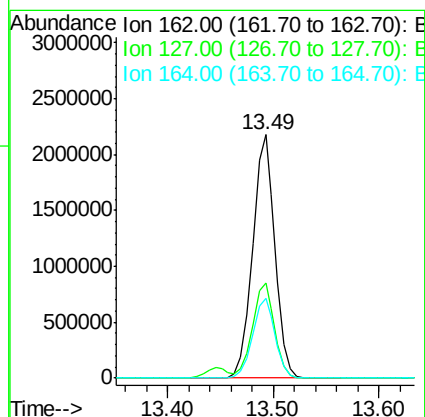
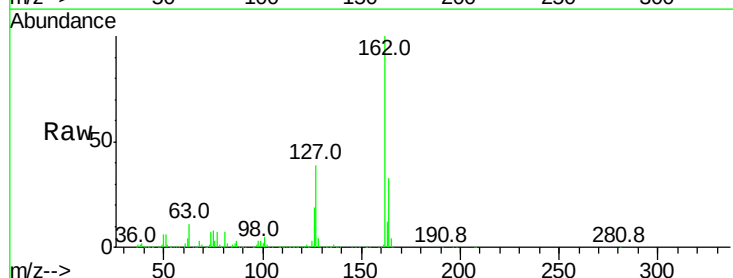
RT: 13.49 min Scan# 1820

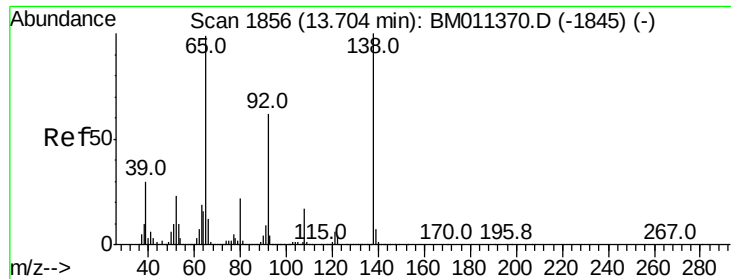
Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:	162	Resp:	3188571
Ion	Ratio	Lower	Upper
162	100		
127	38.9	26.9	40.3
164	32.8	26.8	40.2





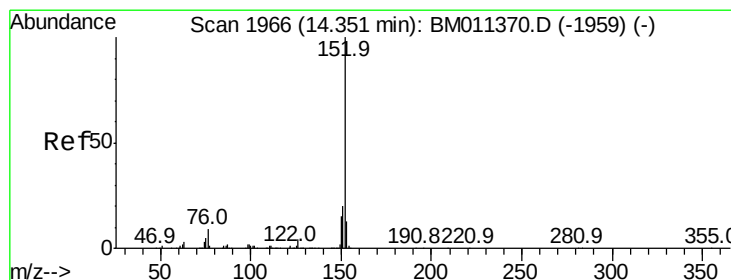
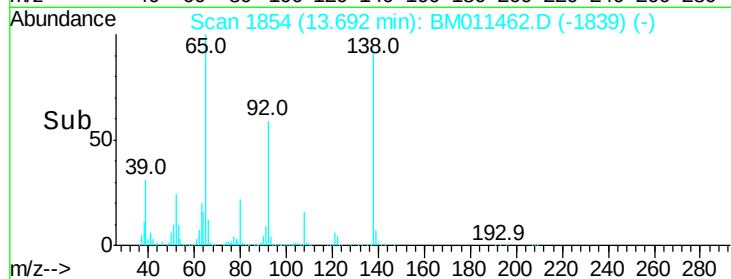
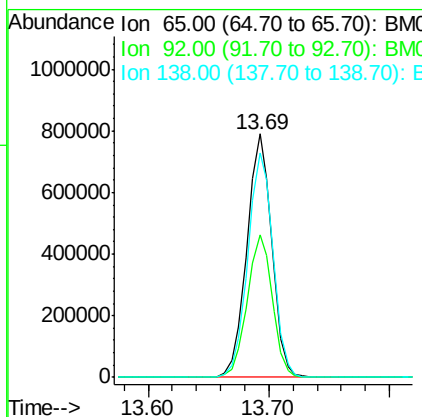
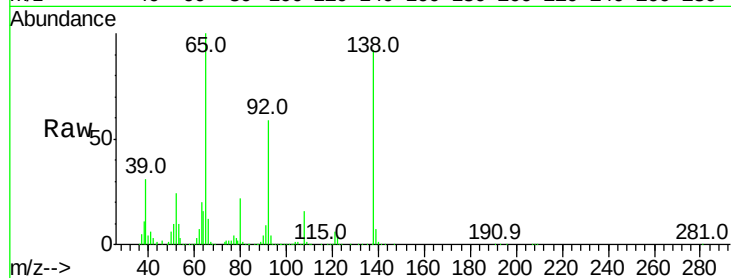
#47
2-Nitroaniline
Concen: 47.334 ng
RT: 13.69 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion: 65 Resp: 1140300
Ion Ratio Lower Upper
65 100
92 58.6 59.1 88.7#
138 92.4 93.9 140.9#

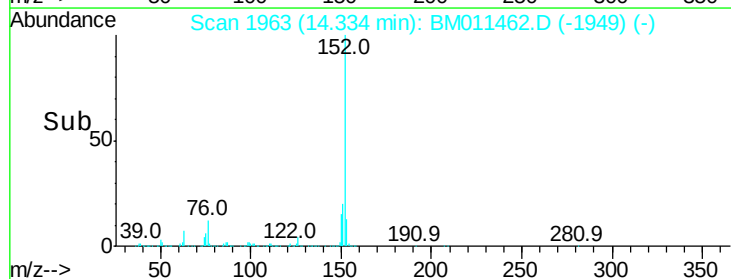
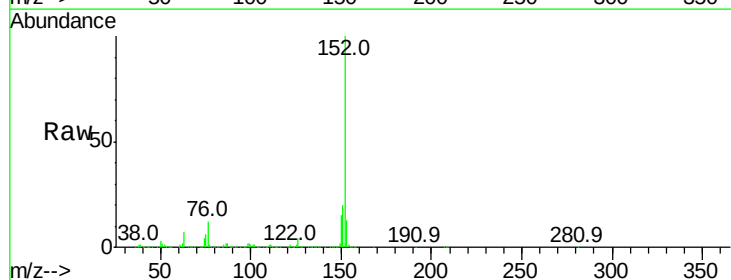
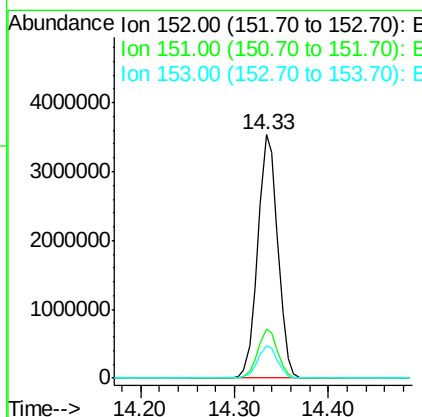
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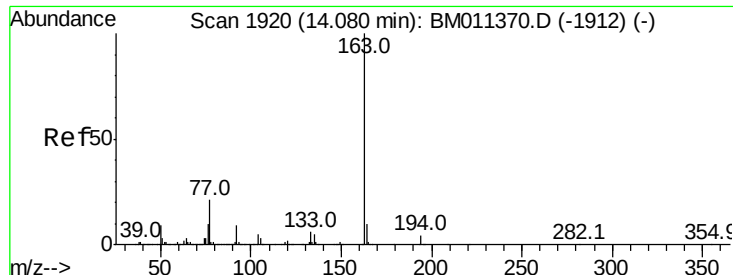
Sohil
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#48
Acenaphthylene
Concen: 43.910 ng
RT: 14.33 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion: 152 Resp: 5204054
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.6 16.0





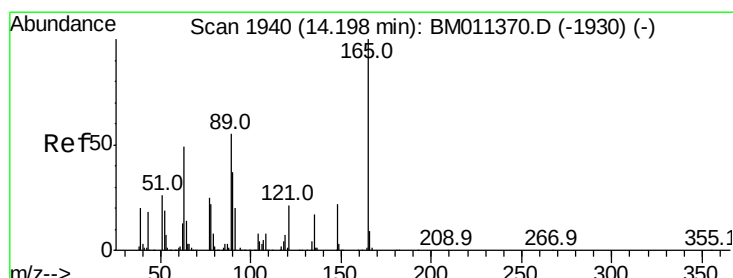
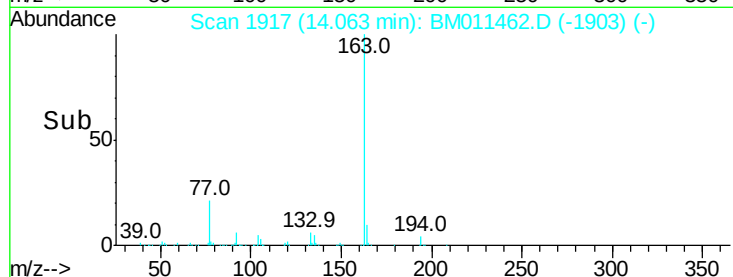
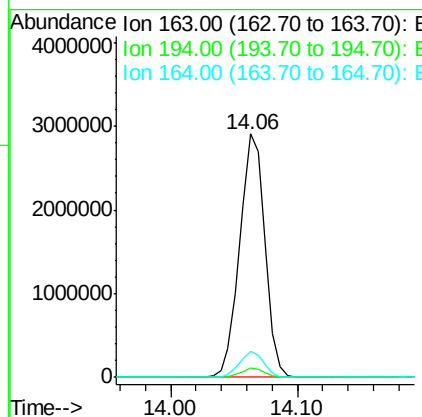
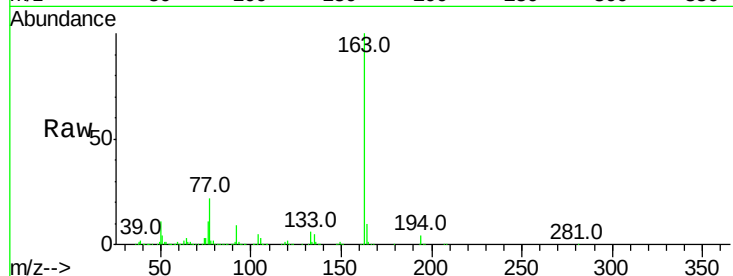
#49
Dimethylphthalate
Concen: 43.332 ng
RT: 14.06 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2

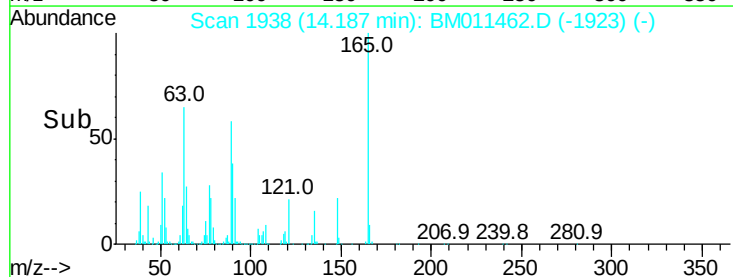
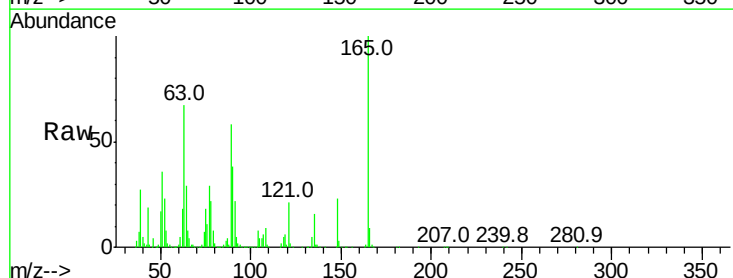
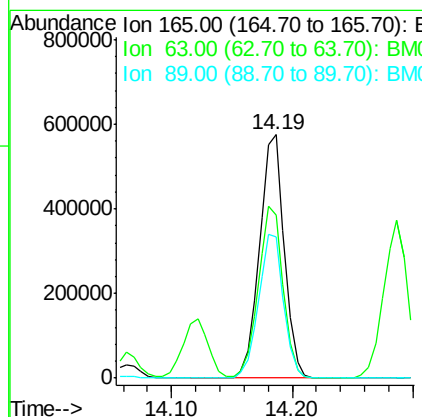
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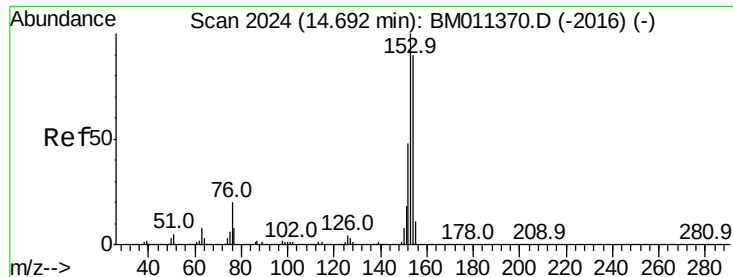
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.997 ng
RT: 14.19 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.1	44.1	66.1#
89	57.8	44.3	66.5





#51

Acenaphthene

Concen: 42.537 ng

RT: 14.67 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:154 Resp: 3273596

Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

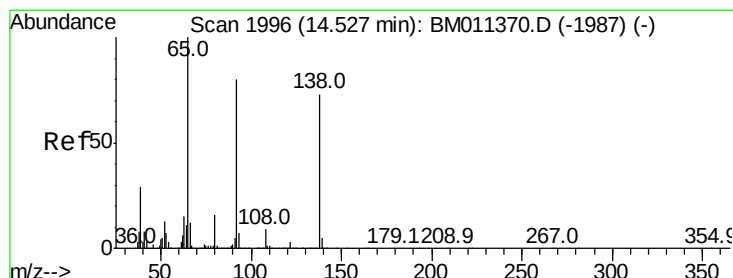
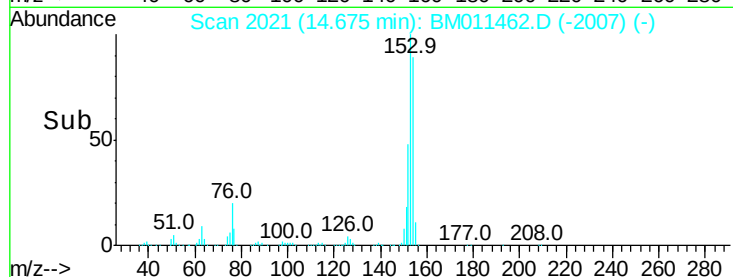
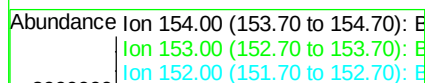
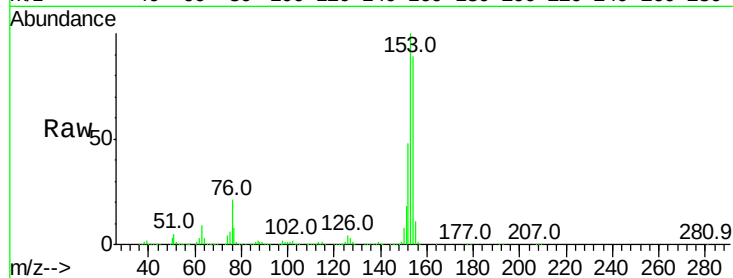
152 54.0 42.6 63.8

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#52

3-Nitroaniline

Concen: 40.399 ng

RT: 14.52 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

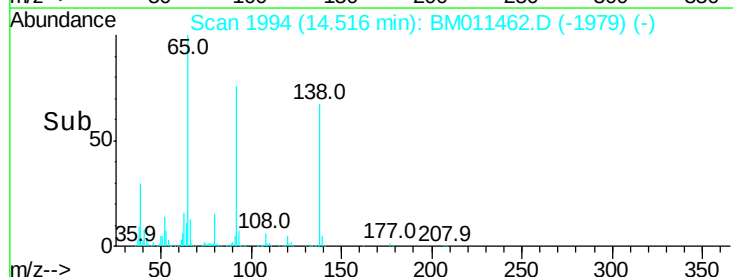
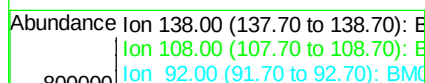
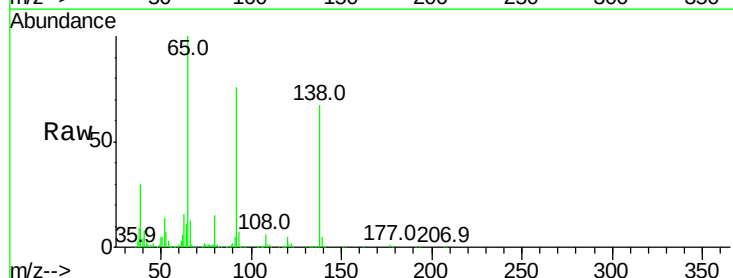
Tgt Ion:138 Resp: 910583

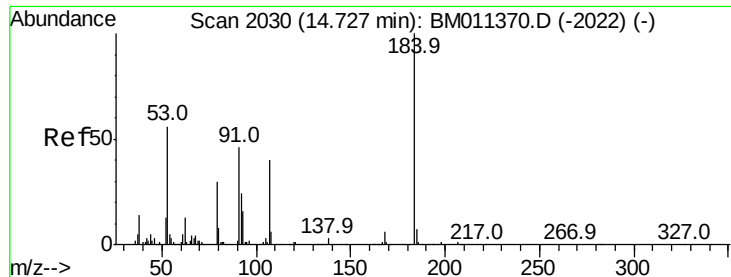
Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

92 114.3 76.6 114.8





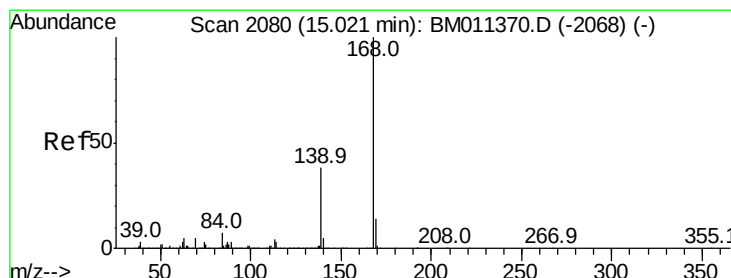
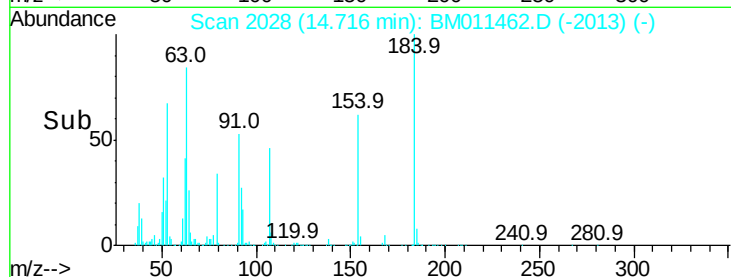
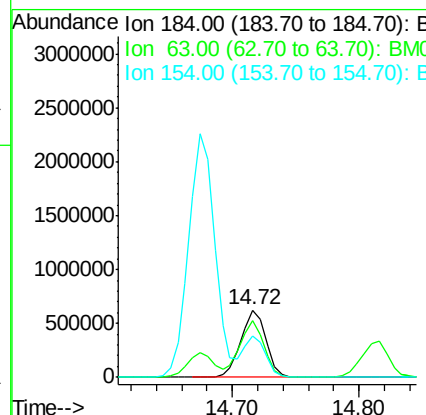
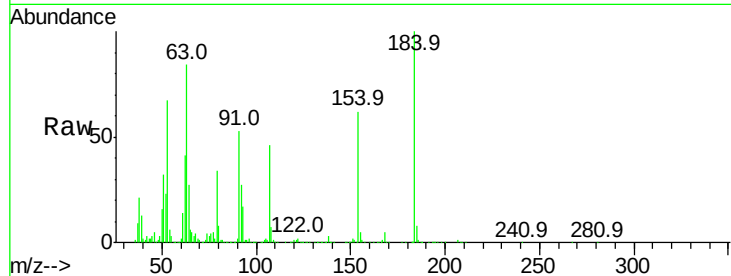
#53
2,4-Dinitrophenol
Concen: 98.019 ng
RT: 14.72 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	848693		
63	84.3	69.2	103.8	
154	61.9	53.3	79.9	

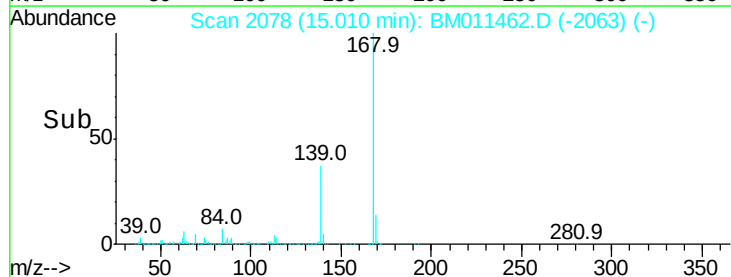
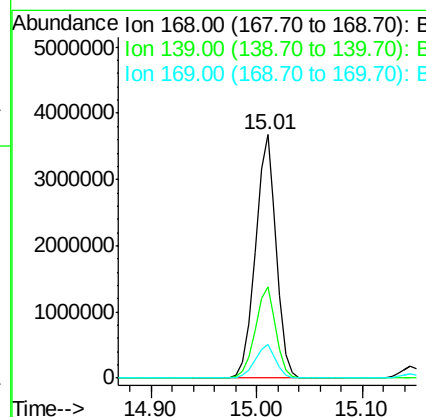
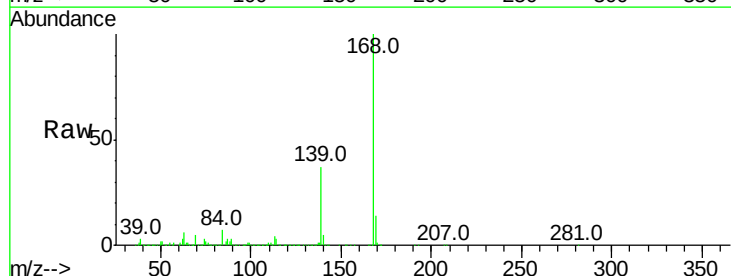
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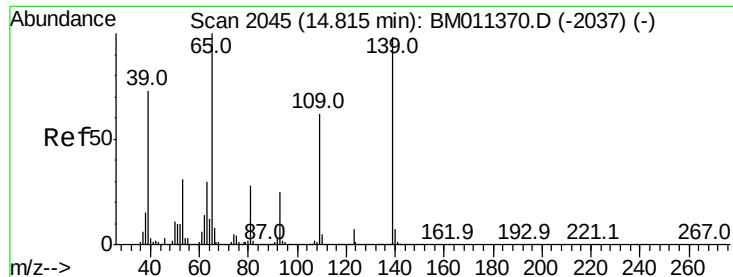
Sohil
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#54
Dibenzofuran
Concen: 47.337 ng
RT: 15.01 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	5023309		
139	37.5	27.3	40.9	
169	13.6	10.6	16.0	





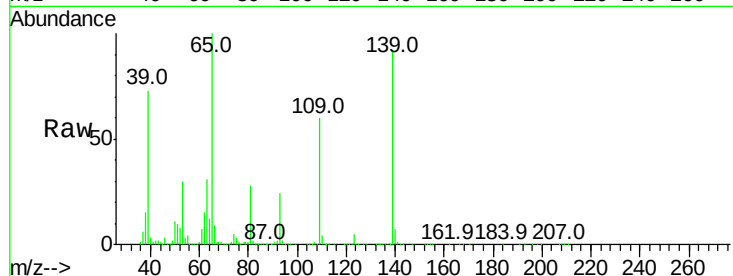
#55
4-Nitrophenol
Concen: 82.959 ng
RT: 14.82 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

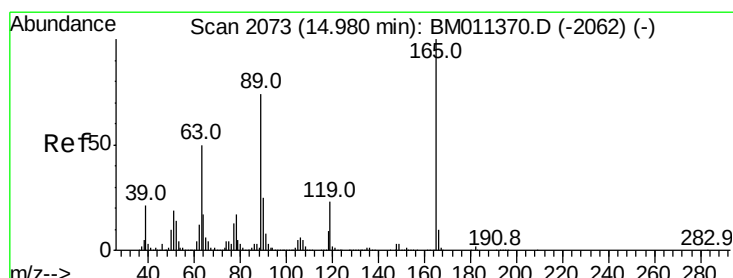
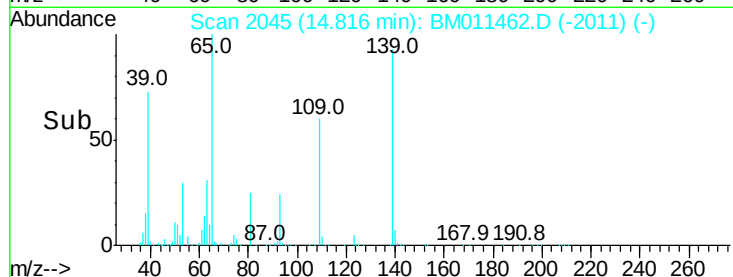
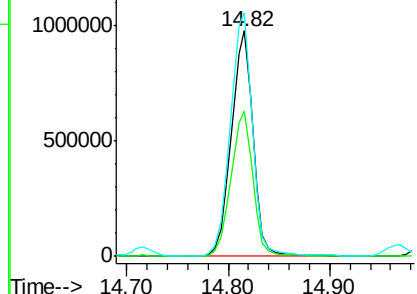
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.6	130.0	170.0#
65	108.1	130.0	170.0#

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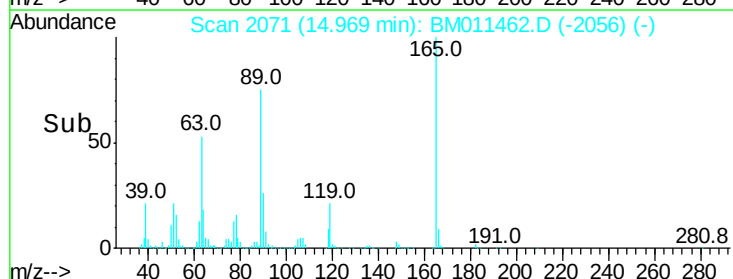
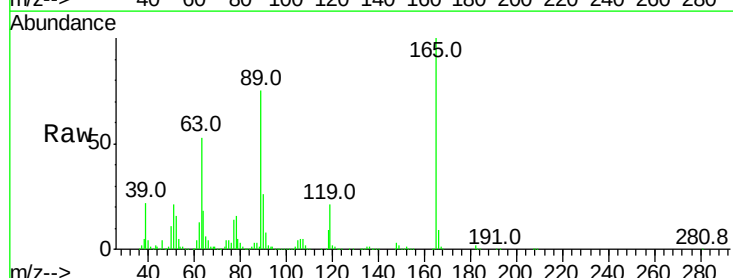
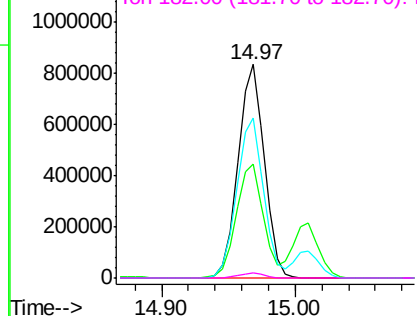
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

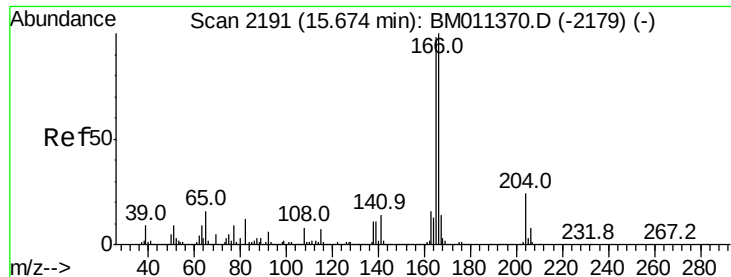


#56
2,4-Dinitrotoluene
Concen: 46.392 ng
RT: 14.97 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	52.4	78.6
89	74.7	72.4	108.6
182	2.2	2.0	3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.934 ng

RT: 15.66 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:166 Resp: 4249565

Ion Ratio Lower Upper

166 100

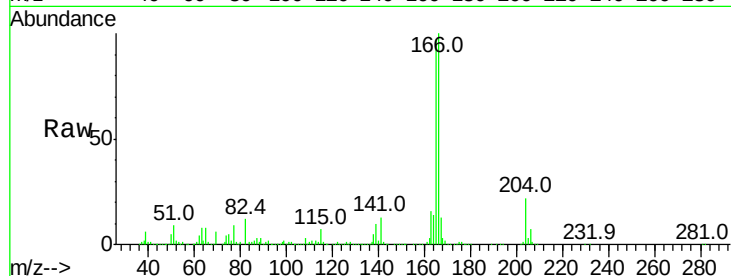
165 97.2 79.0 118.4

167 13.4 10.3 15.5

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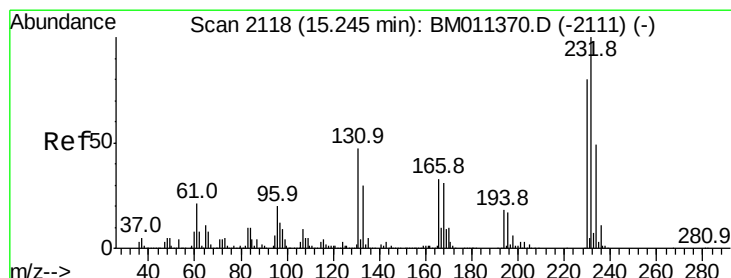
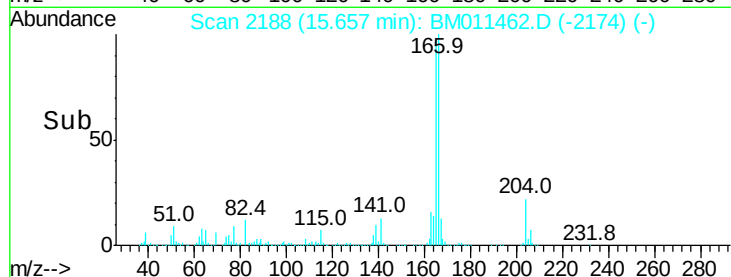
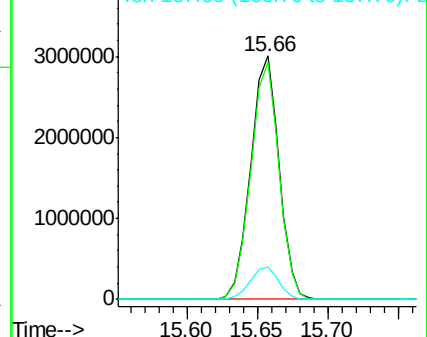


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.484 ng

RT: 15.23 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:232 Resp: 972093

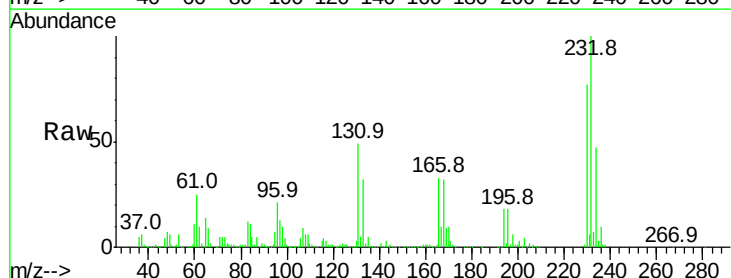
Ion Ratio Lower Upper

232 100

131 48.7 0.0 0.0#

130 2.4 0.0 0.0#

166 33.3 0.0 0.0#



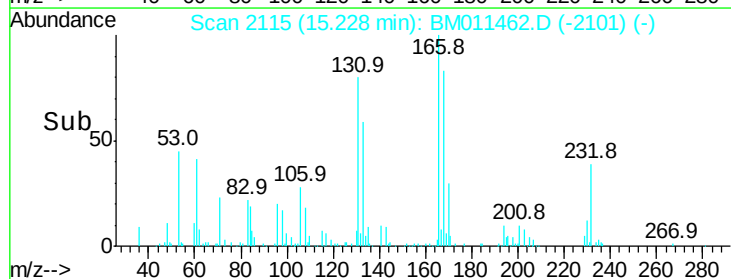
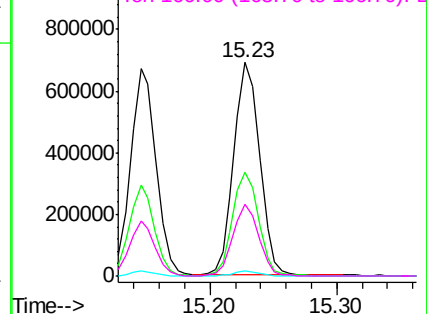
Abundance

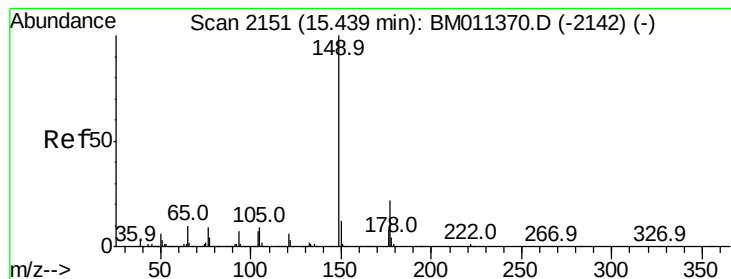
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.983 ng

RT: 15.42 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:149 Resp: 4153091

Ion Ratio Lower Upper

149 100

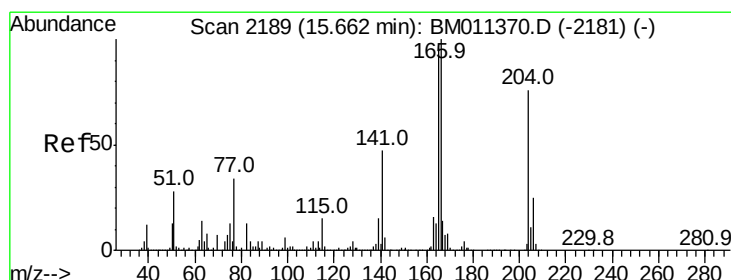
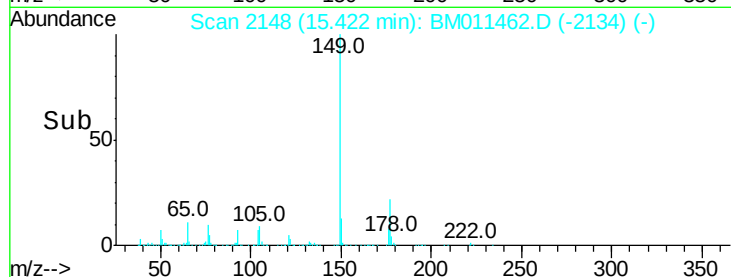
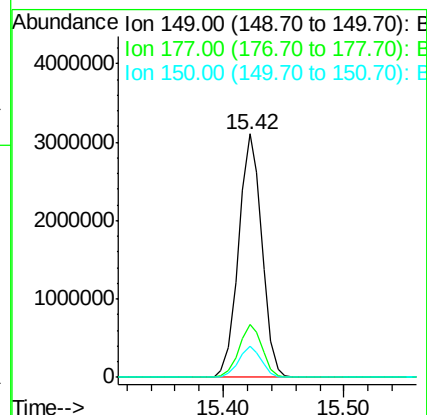
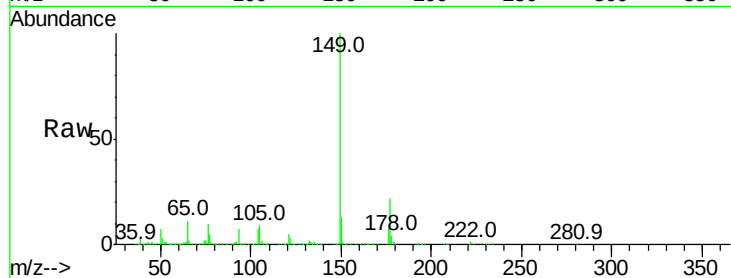
177 21.6 18.3 27.5

150 12.8 9.8 14.8

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#60

4-Chlorophenyl-phenylether

Concen: 45.730 ng

RT: 15.65 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

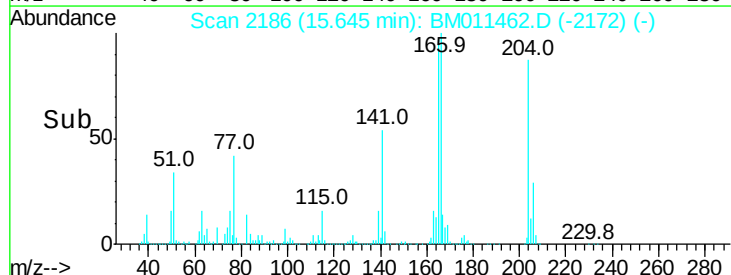
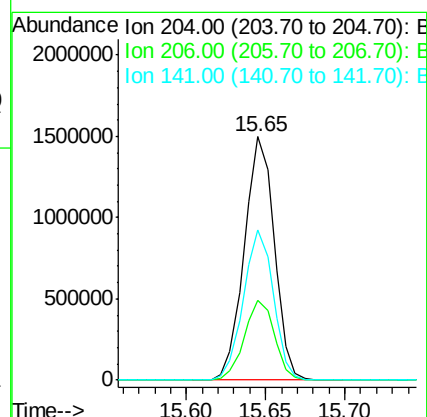
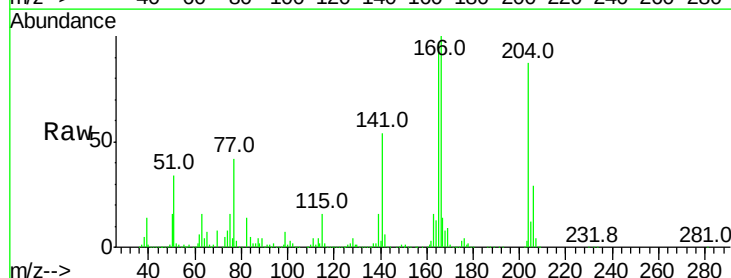
Tgt Ion:204 Resp: 1973399

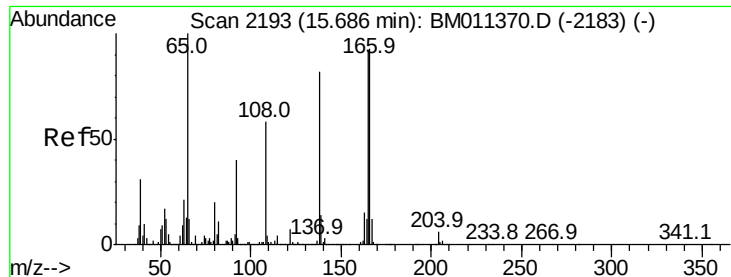
Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

141 61.8 45.2 67.8





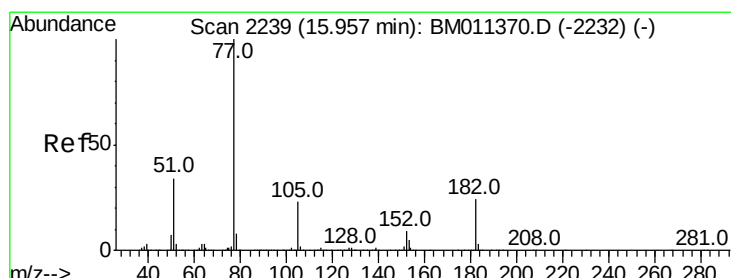
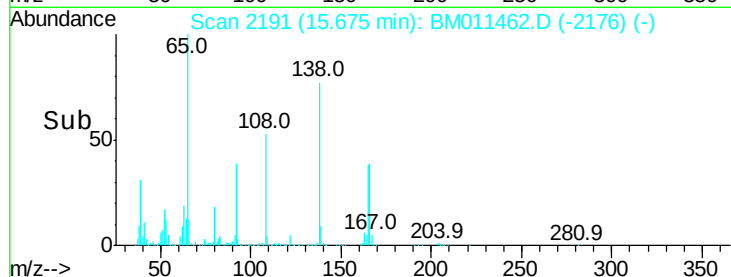
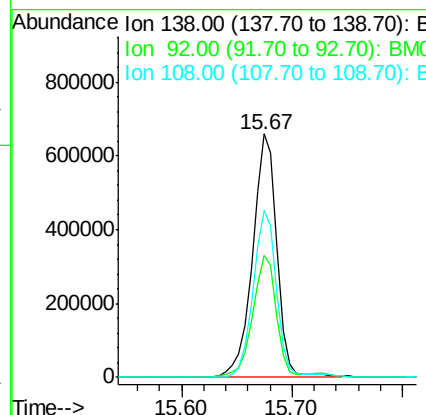
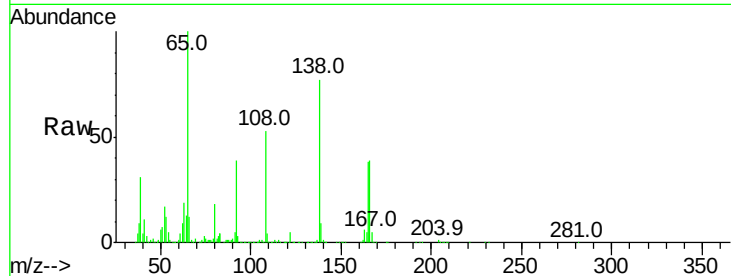
#61
4-Nitroaniline
Concen: 43.473 ng
RT: 15.67 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion:138 Resp: 1018596
Ion Ratio Lower Upper
138 100
92 50.3 16.7 56.7
108 68.7 37.6 77.6

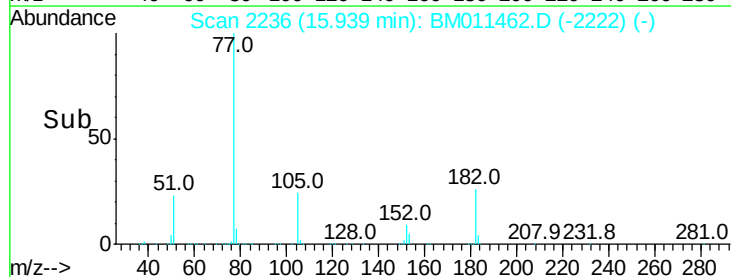
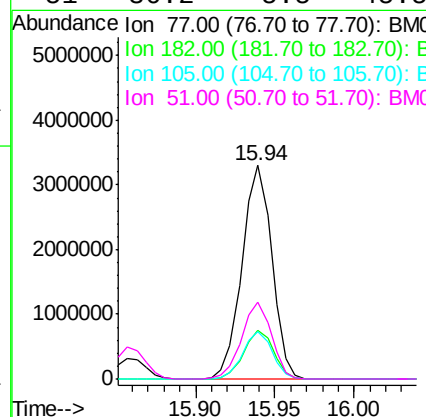
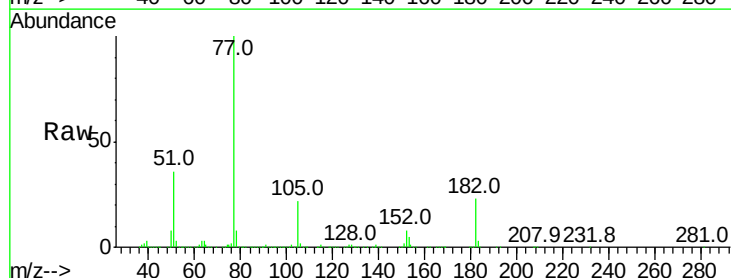
Manual Integrations
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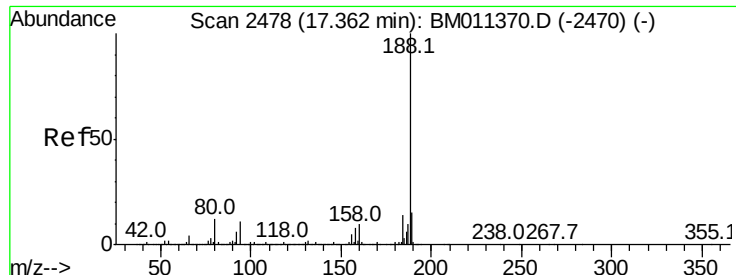
Sohil
9/8/2017 3:38:23 PM



#62
Azobenzene
Concen: 50.728 ng
RT: 15.94 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion: 77 Resp: 4316888
Ion Ratio Lower Upper
77 100
182 23.0 6.5 46.5
105 21.9 3.8 43.8
51 36.2 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

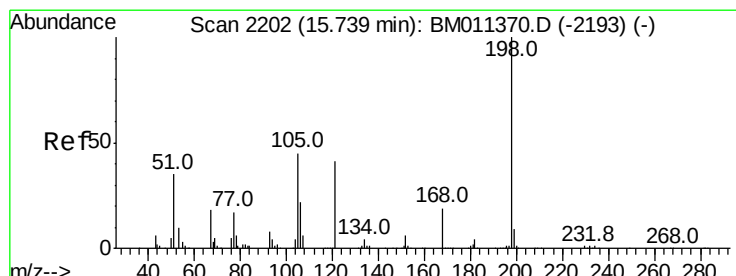
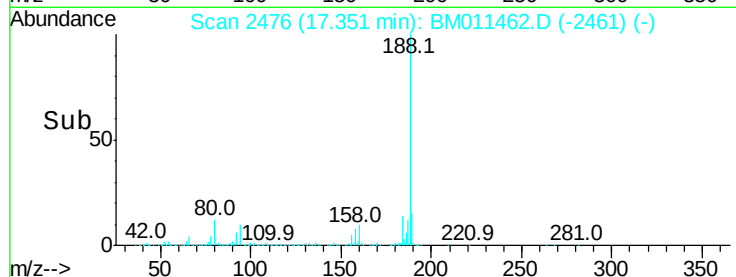
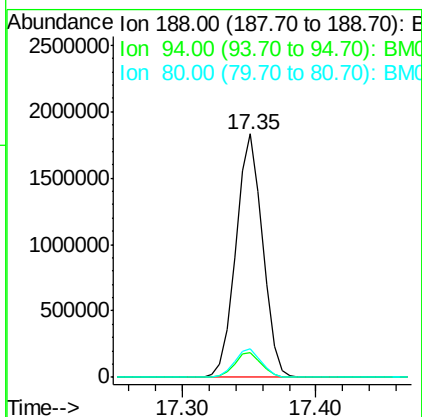
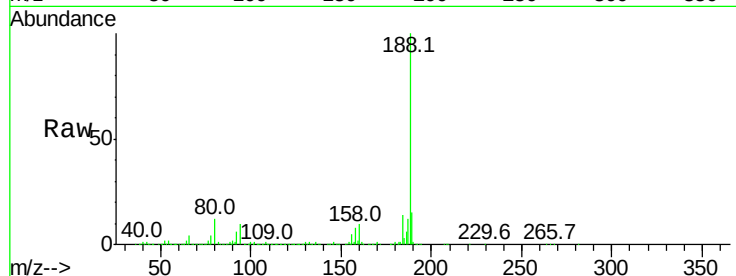
ClientSampleId :

OK-02-090517MS

Tot Ion:	188	Resp:	2529581
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.7	13.1
80	11.7	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 52.659 ng

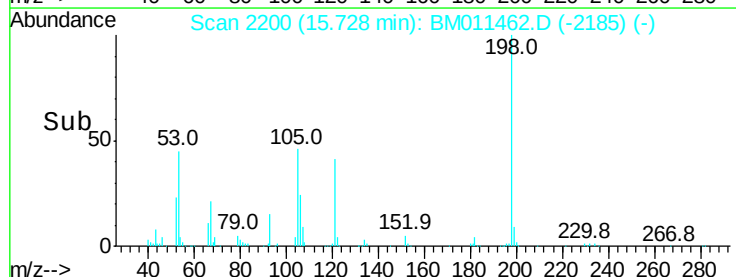
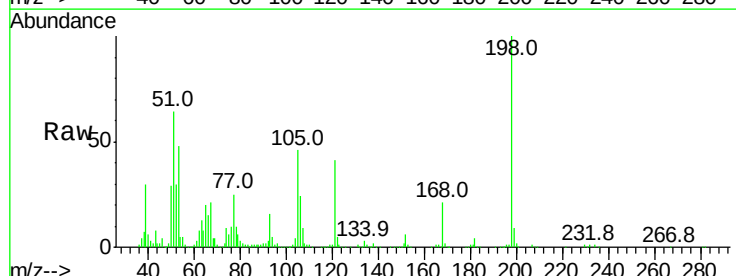
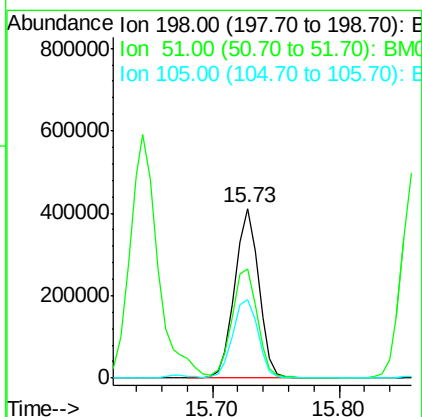
RT: 15.73 min Scan# 2200

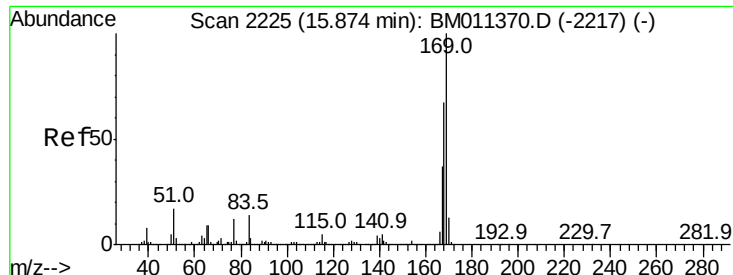
Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:	198	Resp:	538886
Ion Ratio	Lower	Upper	
198	100		
51	64.1	28.8	68.8
105	46.2	30.5	70.5





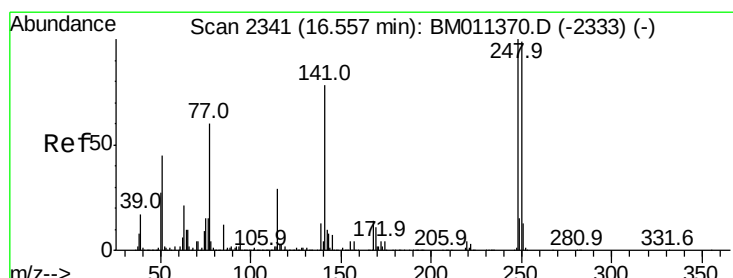
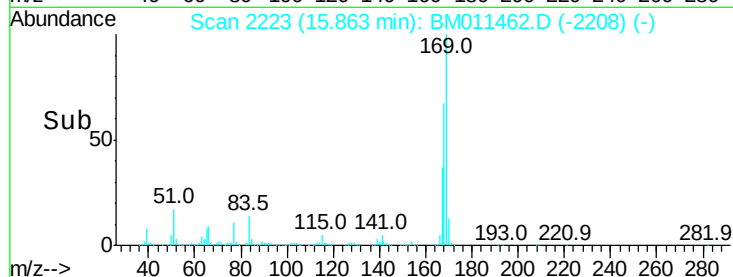
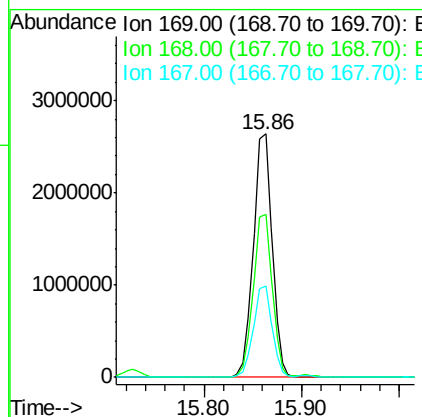
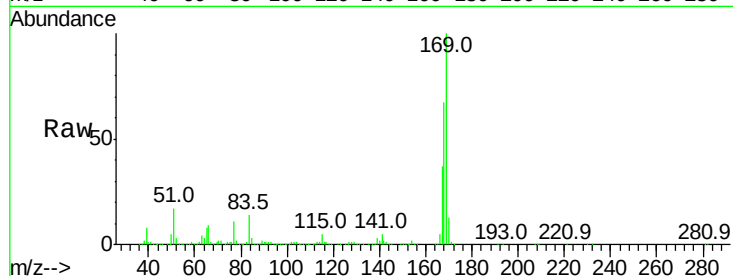
#65
 n-Nitrosodiphenylamine
 Concen: 44.681 ng
 RT: 15.86 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.9	80.9
167	37.2	28.9	43.3

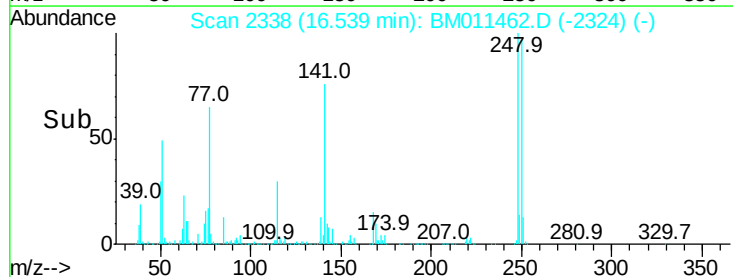
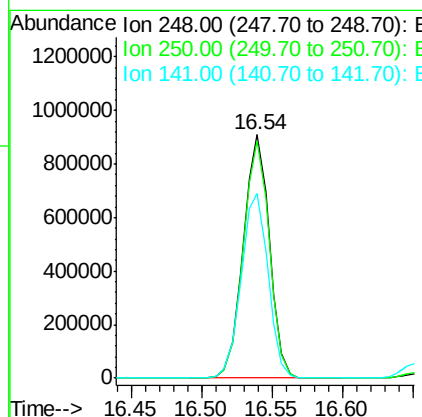
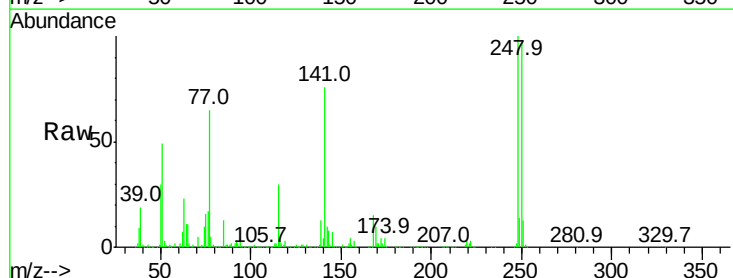
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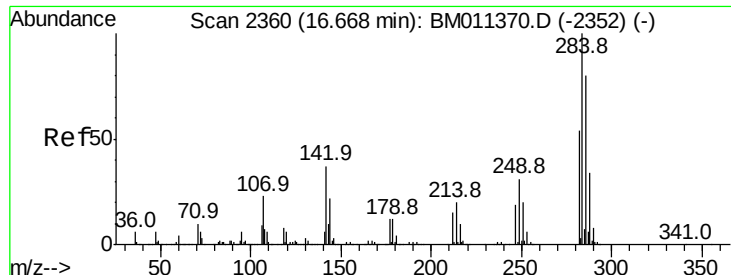
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#66
 4-Bromophenyl-phenylether
 Concen: 44.239 ng
 RT: 16.54 min Scan# 2338
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.4	116.0
141	75.7	45.2	67.8





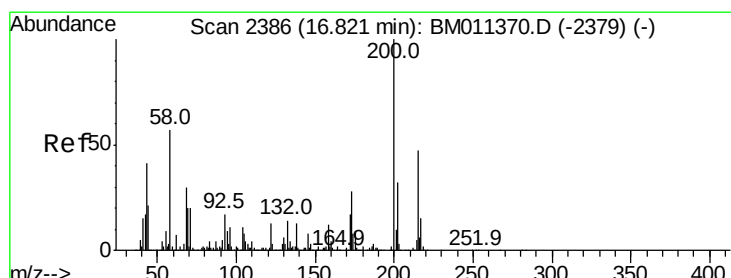
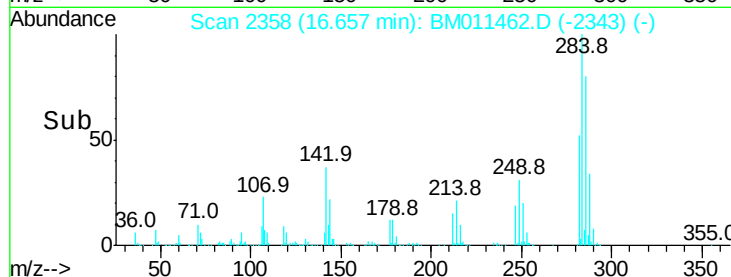
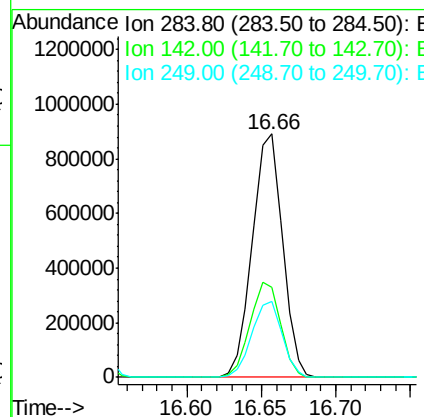
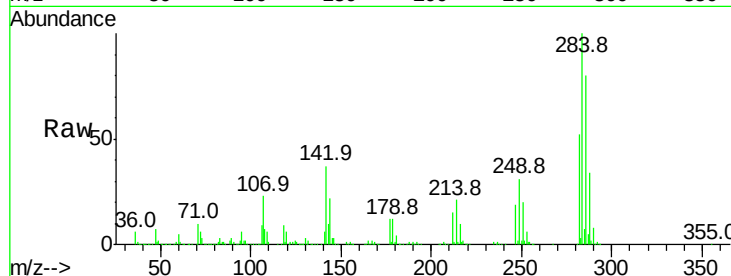
#67
Hexachlorobenzene
Concen: 39.900 ng
RT: 16.66 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.1	20.4	30.6
249	31.4	23.8	35.6

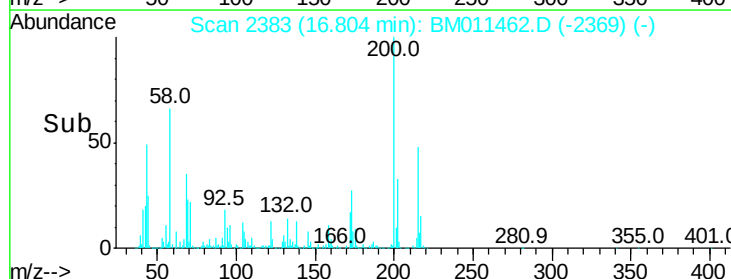
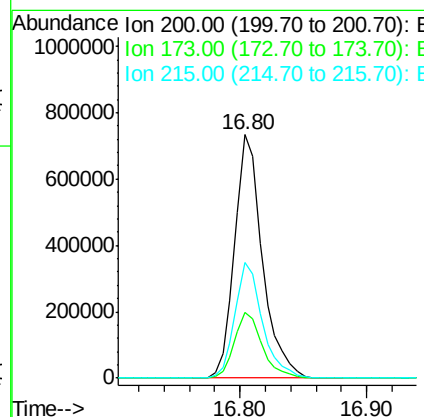
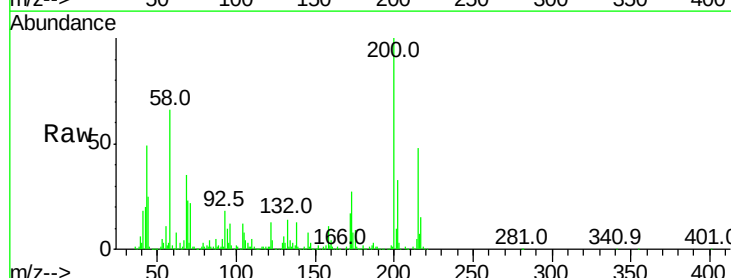
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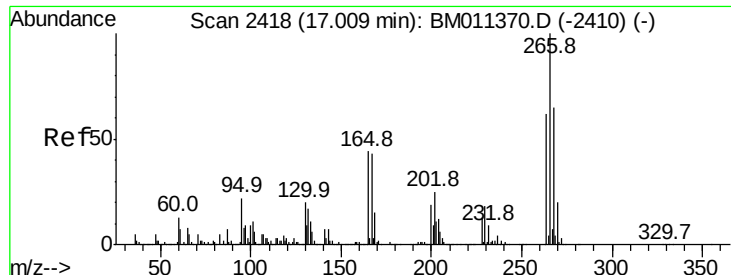
Sohil
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#68
Atrazine
Concen: 47.401 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	4.8	44.8
215	47.7	26.9	66.9





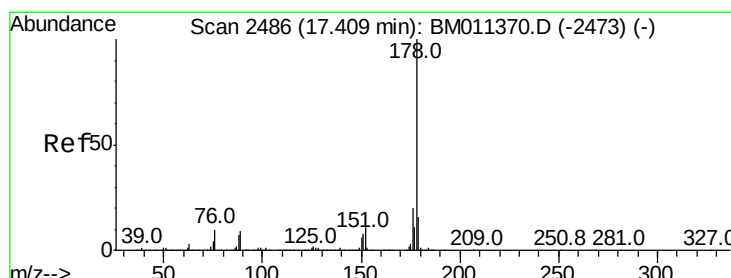
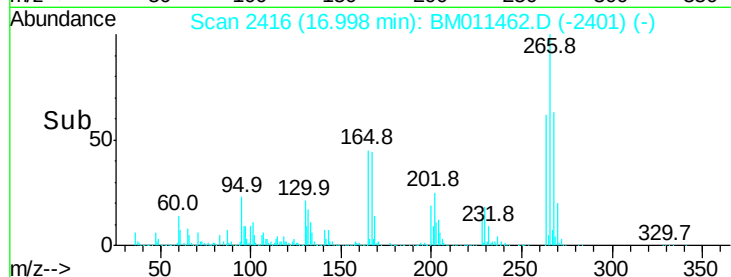
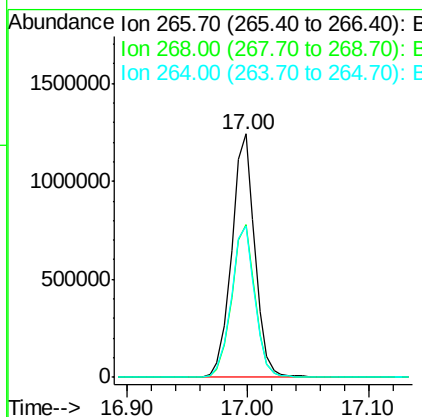
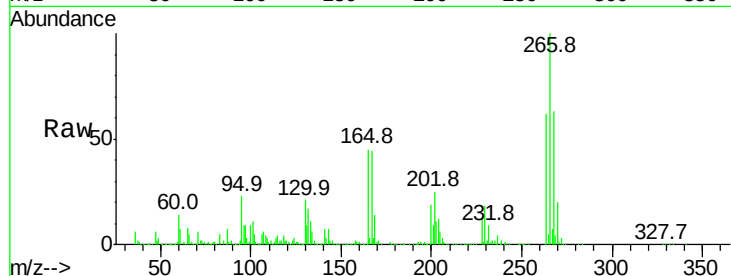
#69
 Pentachlorophenol
 Concen: 96.736 ng
 RT: 17.00 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.0	78.0
264	62.4	49.0	73.4

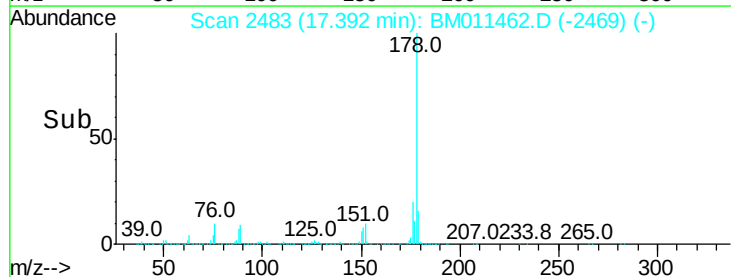
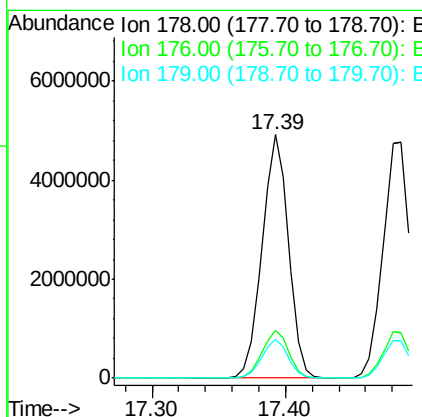
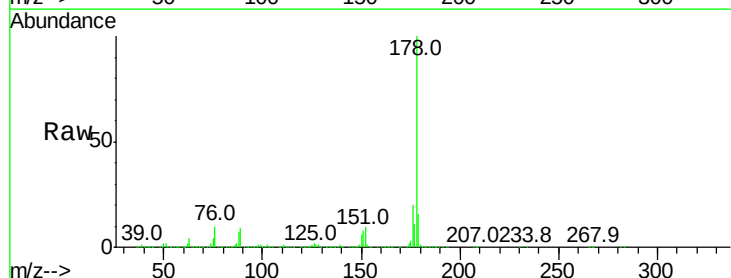
Manual Integrations
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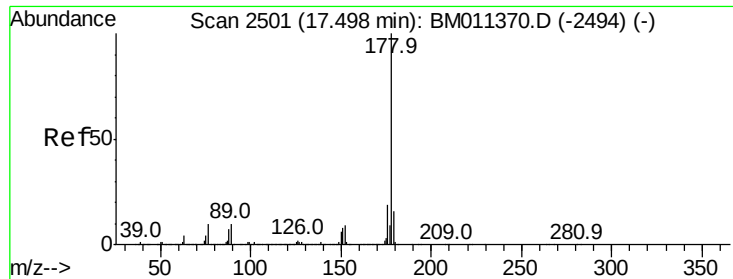
Sohil
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#70
 Phenanthrene
 Concen: 47.466 ng
 RT: 17.39 min Scan# 2483
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	16.0	12.1	18.1





#71
 Anthracene
 Concen: 47.636 ng
 RT: 17.49 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

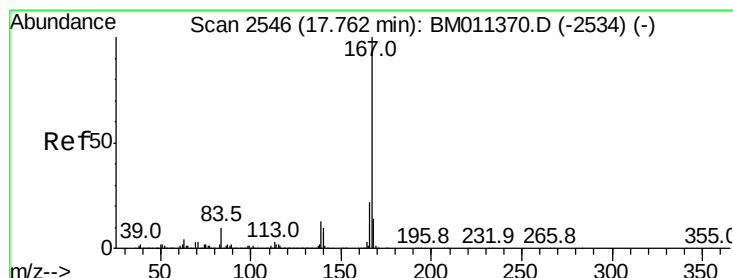
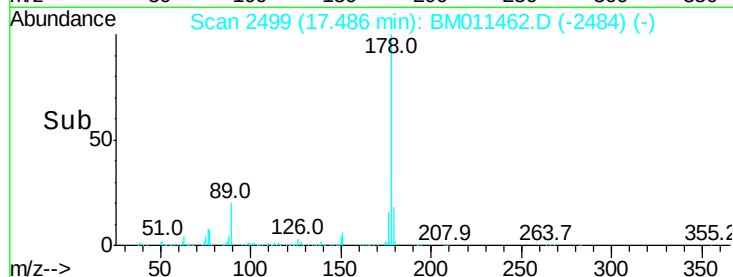
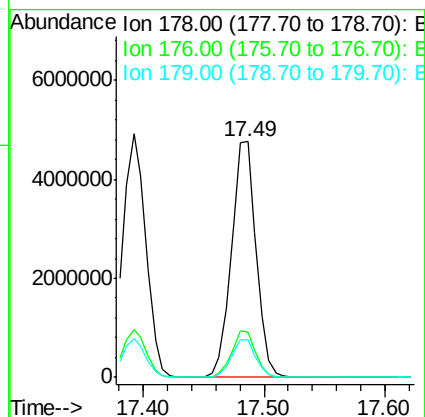
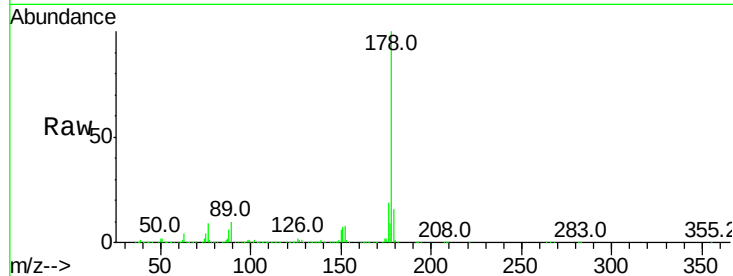
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion:178 Resp: 6747916

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.9	12.6	19.0

Manual Integrations
 APPROVED

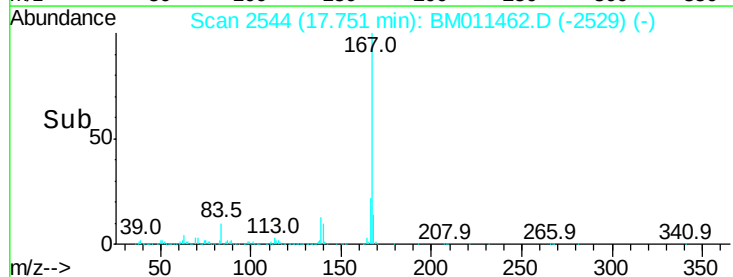
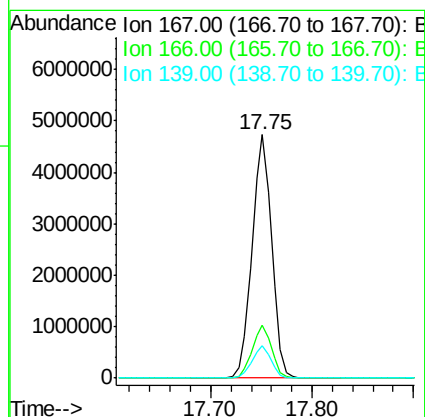
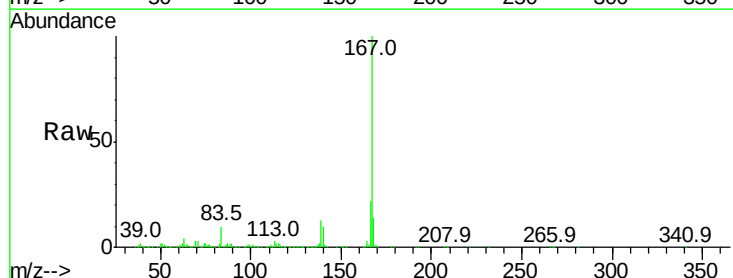
Sohil
 9/8/2017 3:38:23 PM

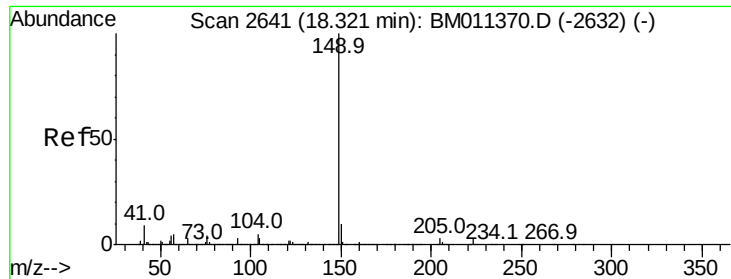


#72
 Carbazole
 Concen: 46.433 ng
 RT: 17.75 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion:167 Resp: 6338714

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.1	10.8	16.2





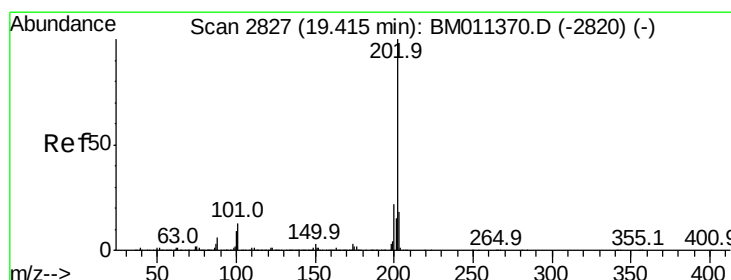
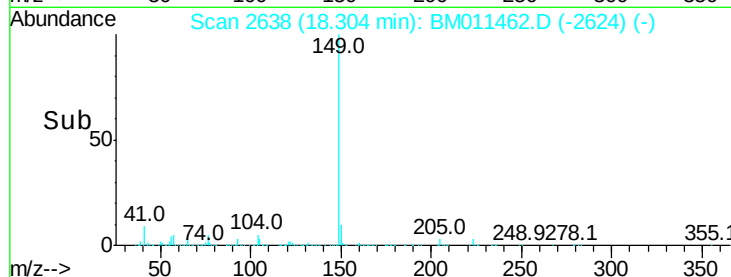
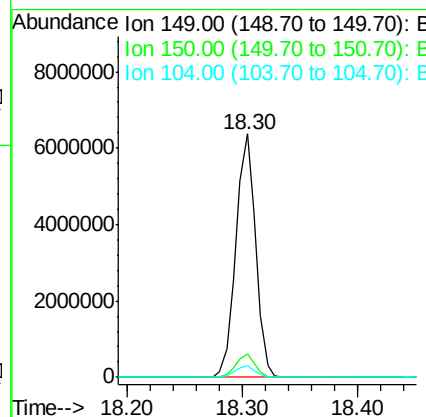
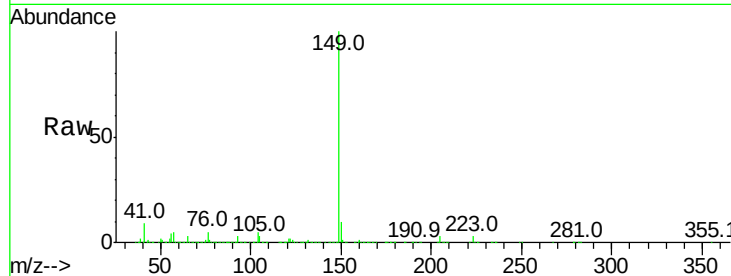
#73
Di-n-butylphthalate
Concen: 47.276 ng
RT: 18.30 min Scan# 2638
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion:149 Resp: 7497984
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 4.7 3.7 5.5

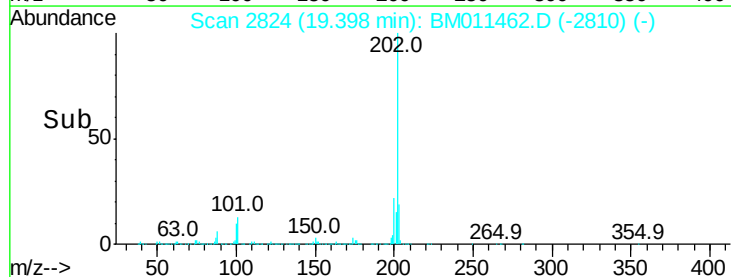
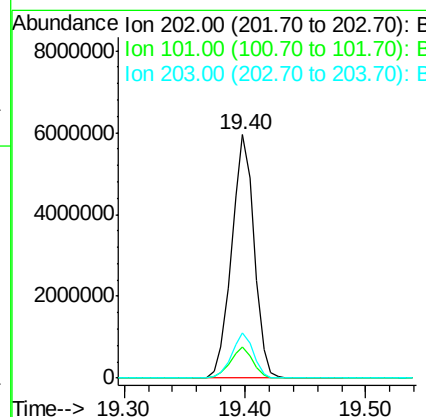
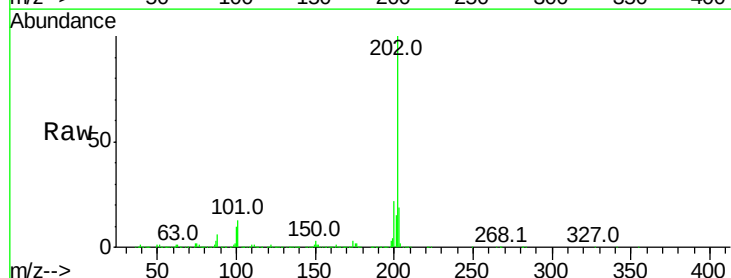
Manual Integrations
APPROVED

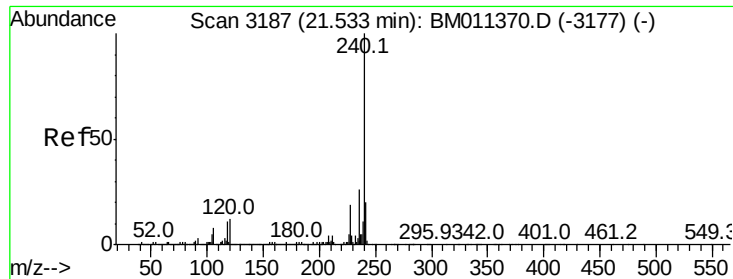
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#74
Fluoranthene
Concen: 47.600 ng
RT: 19.40 min Scan# 2824
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion:202 Resp: 7651367
Ion Ratio Lower Upper
202 100
101 12.9 0.0 28.7
203 18.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:240 Resp: 3075309

Ion Ratio Lower Upper

240 100

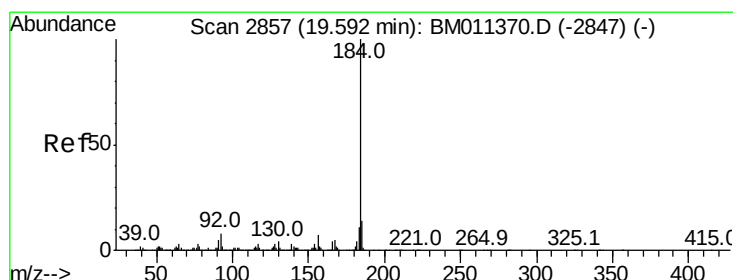
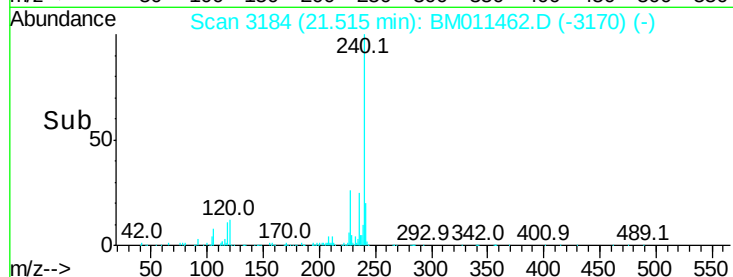
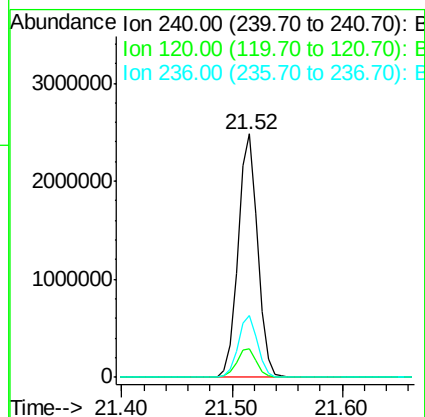
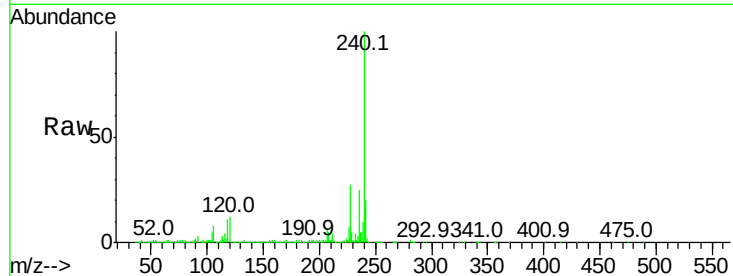
120 11.6 8.2 12.2

236 25.4 20.0 30.0

Manual Integrations
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#76

Benzidine

Concen: 64.067 ng

RT: 19.58 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

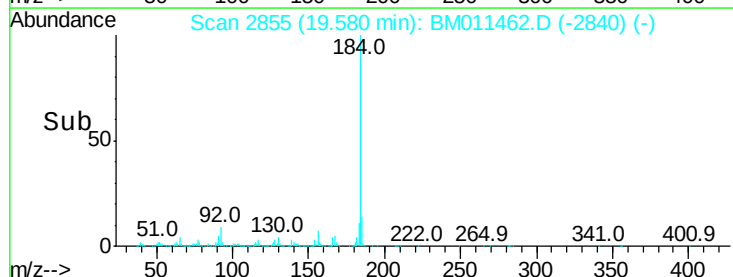
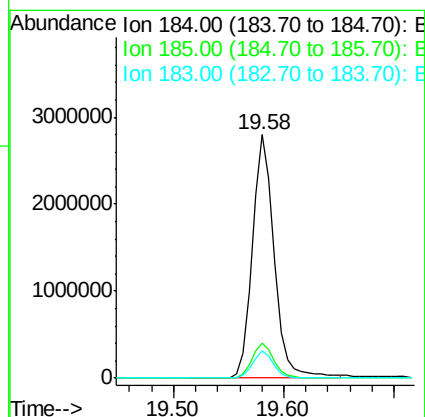
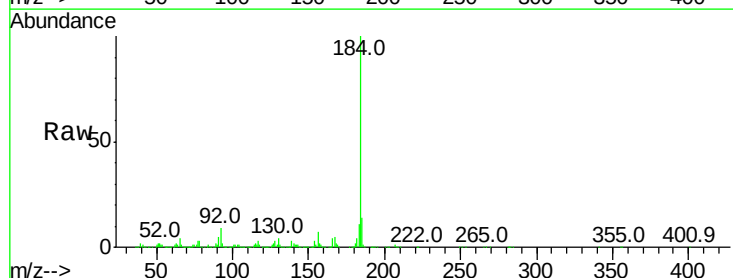
Tgt Ion:184 Resp: 3888594

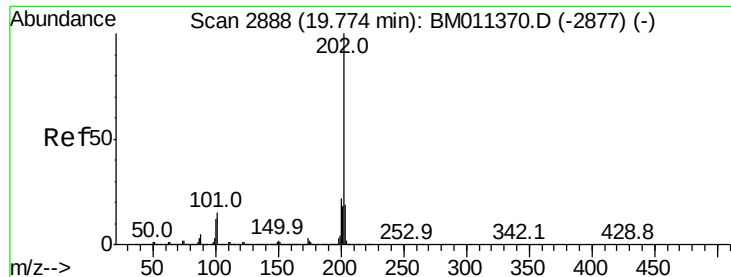
Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 11.1 8.9 13.3





#77

Pvrene

Concen: 43.122 ng

RT: 19.76 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:202 Resp: 8126406

Ion Ratio Lower Upper

202 100

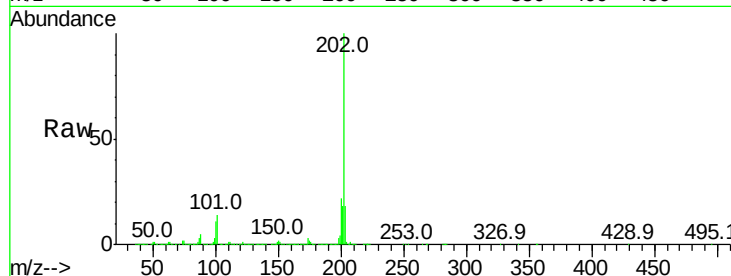
200 22.1 16.9 25.3

203 18.3 14.1 21.1

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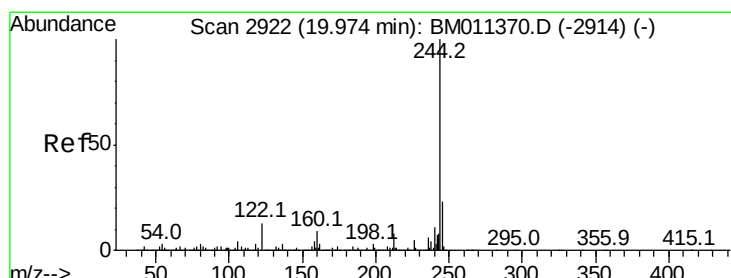
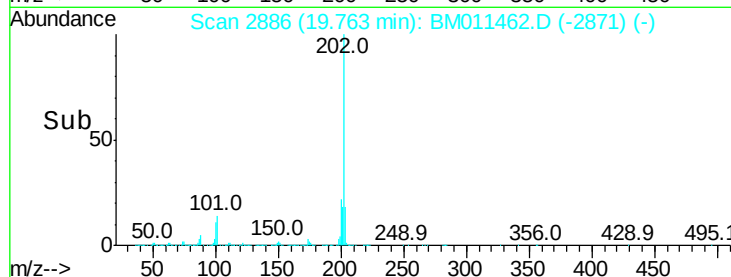
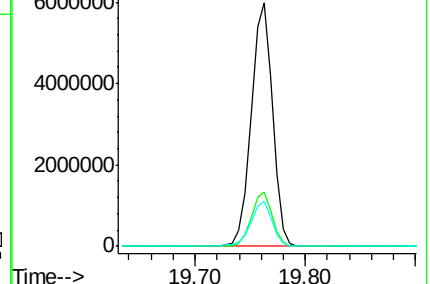
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.771 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

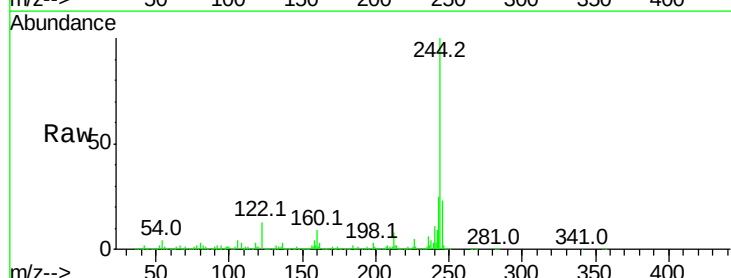
Tgt Ion:244 Resp:11002566

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

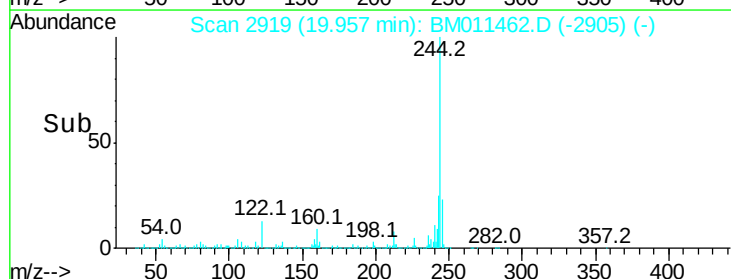
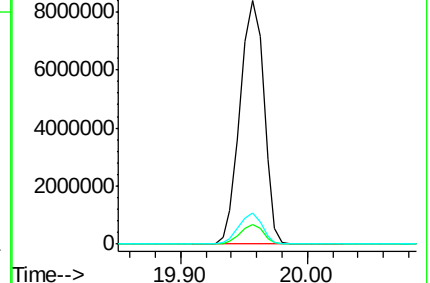
122 12.5 6.2 9.4#

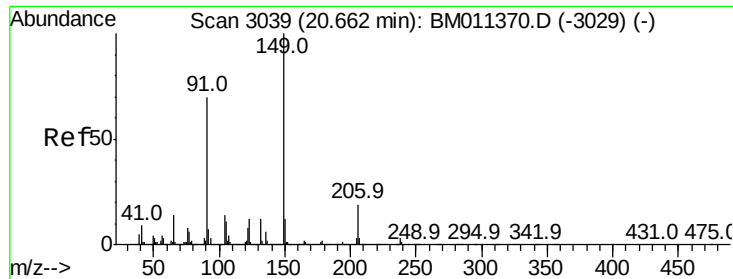


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.947 ng

RT: 20.64 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

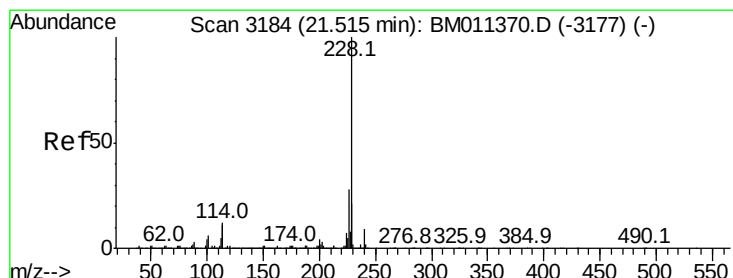
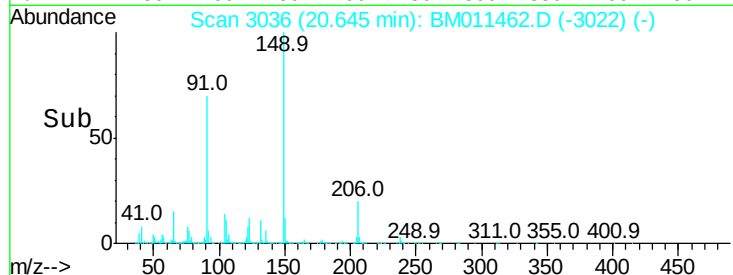
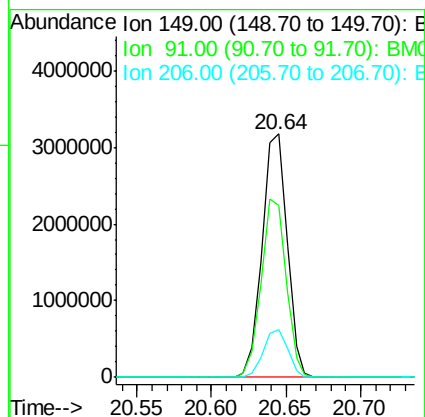
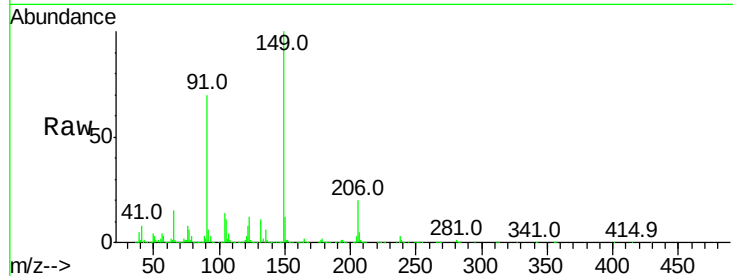
OK-02-090517MS

Tot Ion:149 Resp: 3658657

Ion	Ratio	Lower	Upper
149	100		
91	70.4	50.1	75.1
206	19.6	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 46.104 ng

RT: 21.50 min Scan# 3181

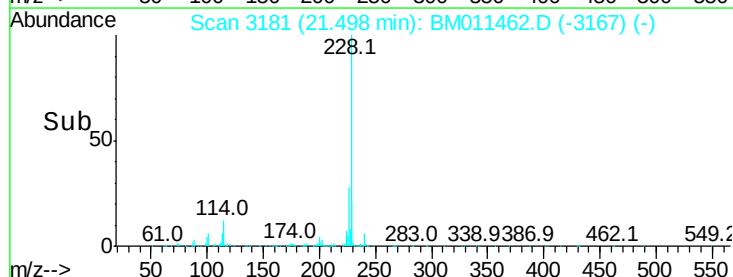
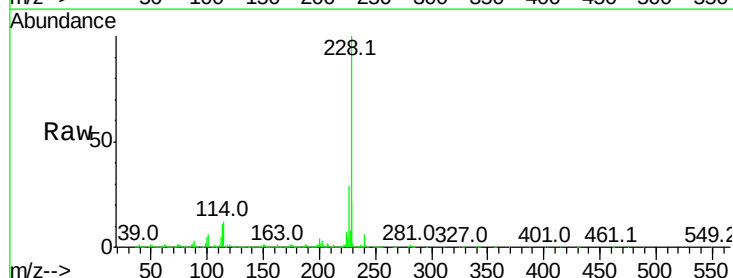
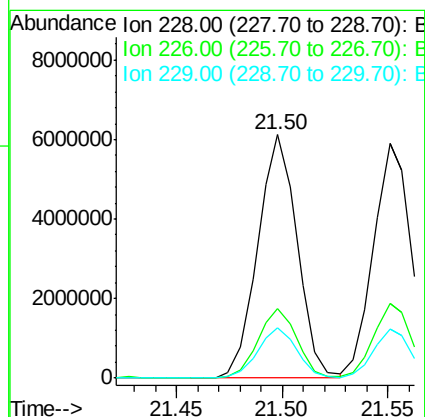
Delta R.T. -0.02 min

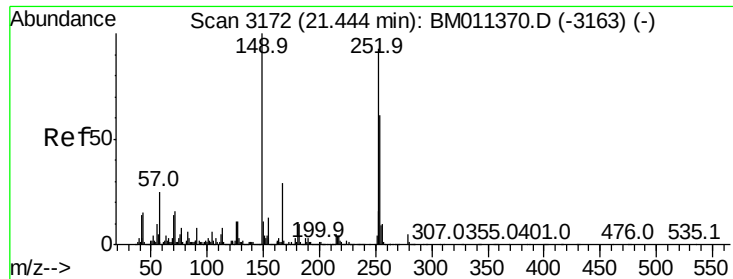
Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:228 Resp: 7929949

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.7	32.5
229	20.7	16.0	24.0





#81
 3,3'-Dichlorobenzidine
 Concen: 33.123 ng
 RT: 21.43 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

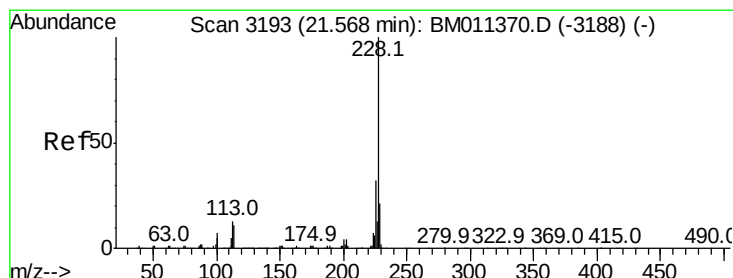
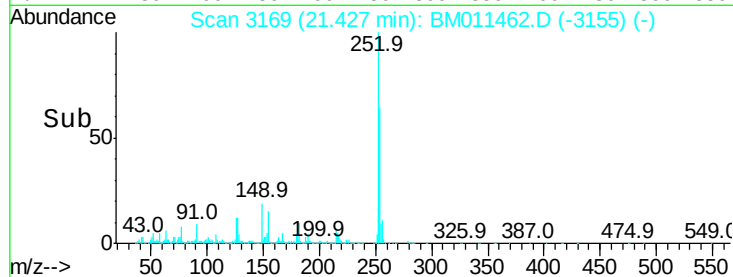
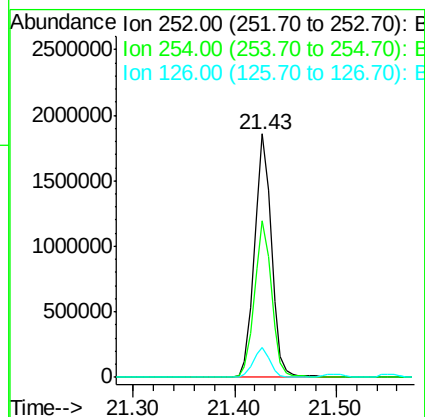
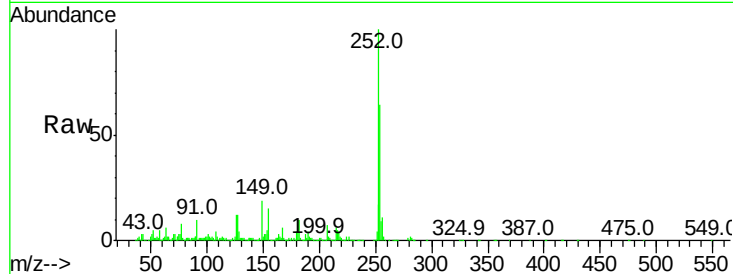
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MS

Tot Ion:252 Resp: 2162973

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	12.1	9.8	14.8

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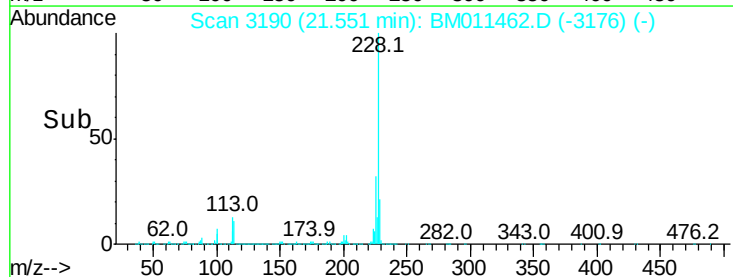
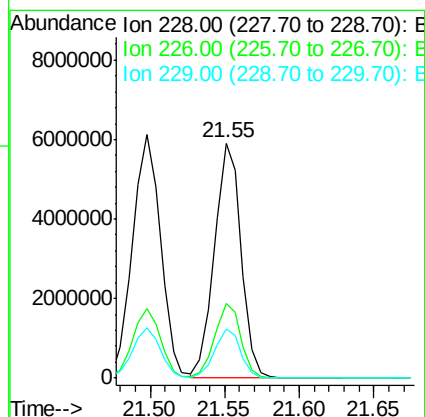
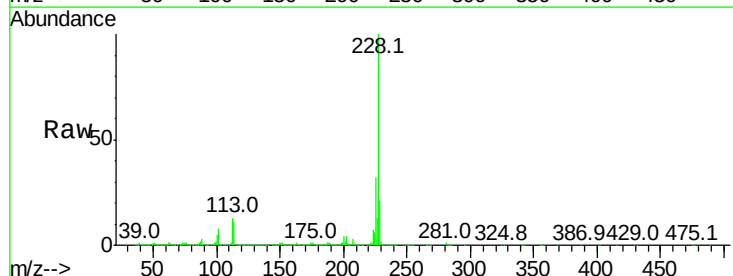
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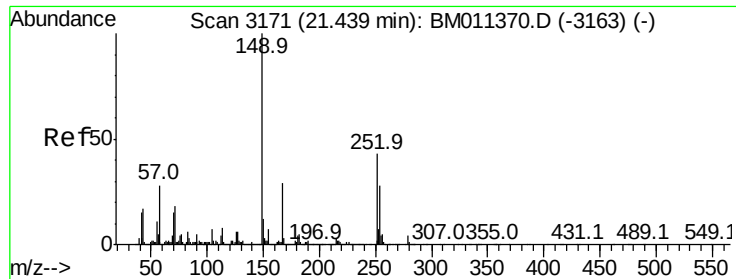


#82
 Chrysene
 Concen: 45.237 ng
 RT: 21.55 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BM011462.D
 Acq: 07 Sep 2017 19:40

Tgt Ion:228 Resp: 7333672

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.1	36.1
229	20.9	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.682 ng

RT: 21.41 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:149 Resp: 5575558

Ion Ratio Lower Upper

149 100

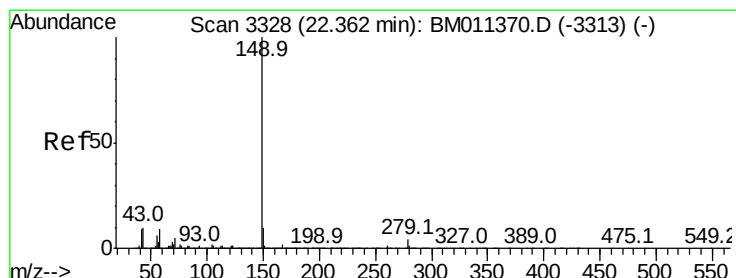
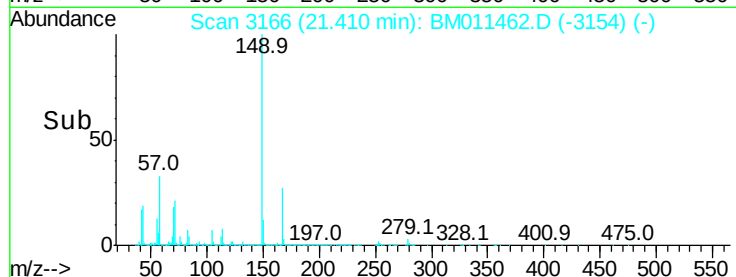
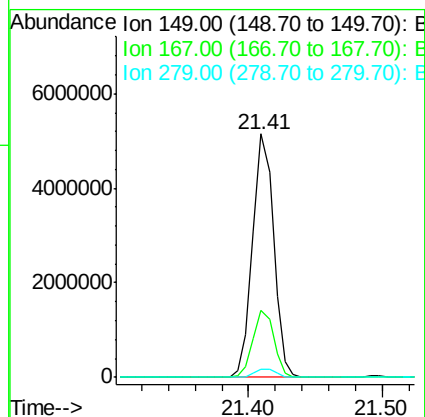
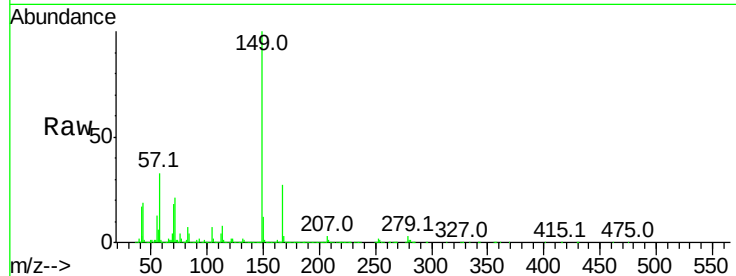
167 27.5 22.4 33.6

279 3.3 3.4 5.0#

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#84

Di-n-octyl phthalate

Concen: 47.137 ng

RT: 22.33 min Scan# 3322

Delta R.T. -0.03 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

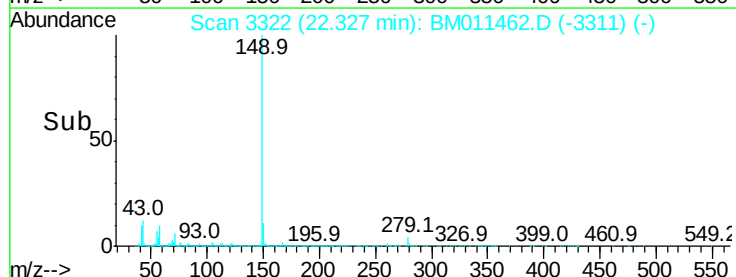
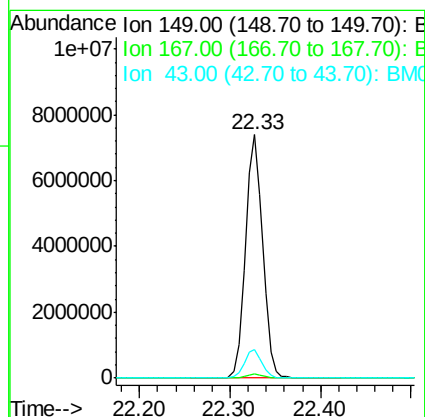
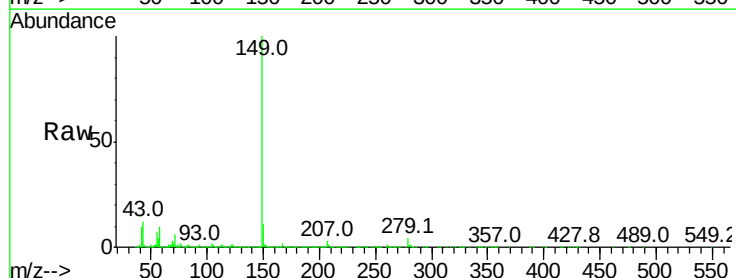
Tgt Ion:149 Resp: 9698259

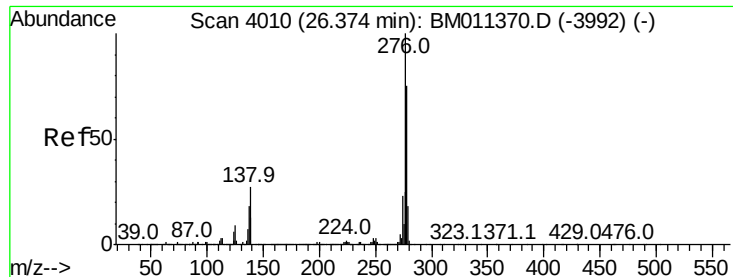
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.7 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.555 ng

RT: 26.34 min Scan# 4004

Delta R.T. -0.03 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:276 Resp: 7796463

Ion Ratio Lower Upper

276 100

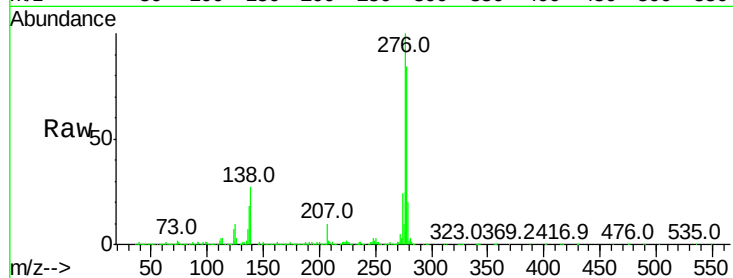
138 27.8 12.0 18.0#

277 25.2 20.0 30.0

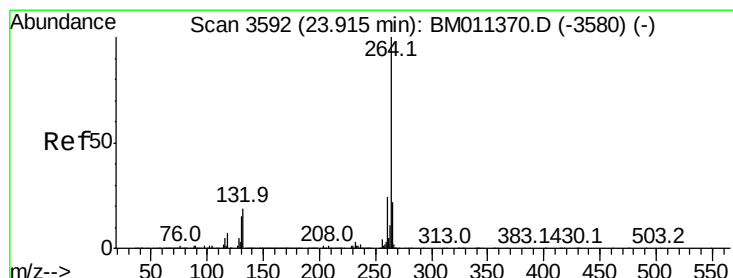
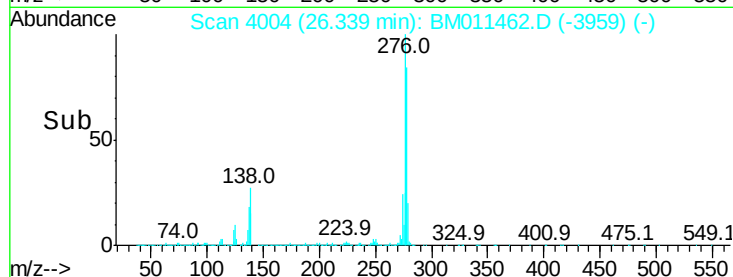
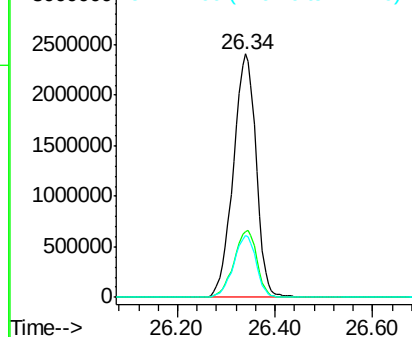
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

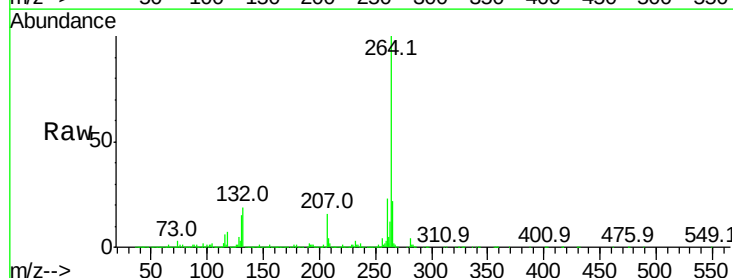
Tgt Ion:264 Resp: 2823973

Ion Ratio Lower Upper

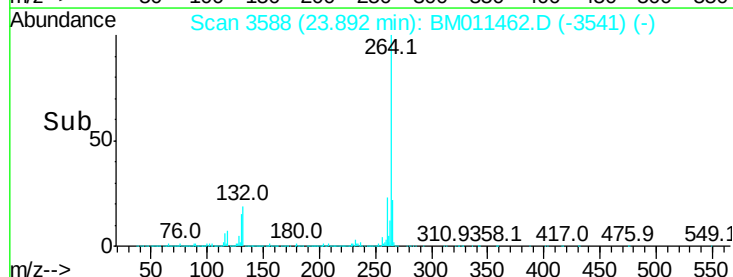
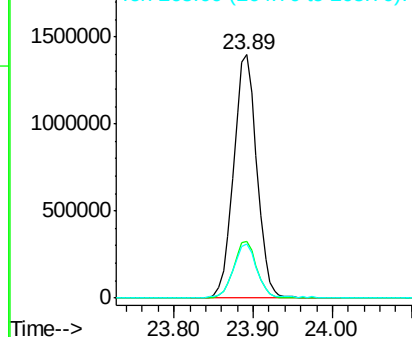
264 100

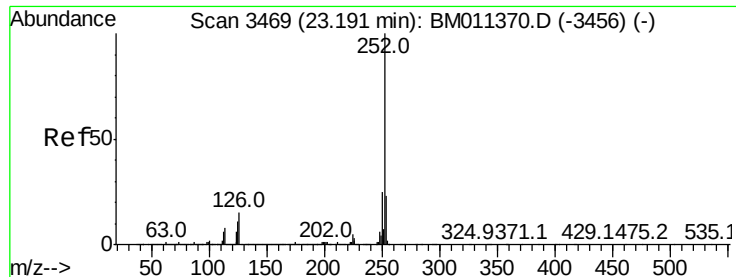
260 23.5 18.6 27.8

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





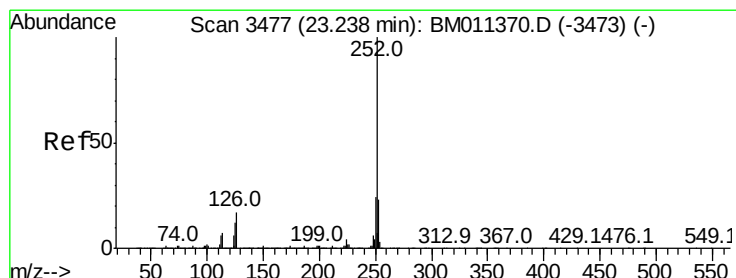
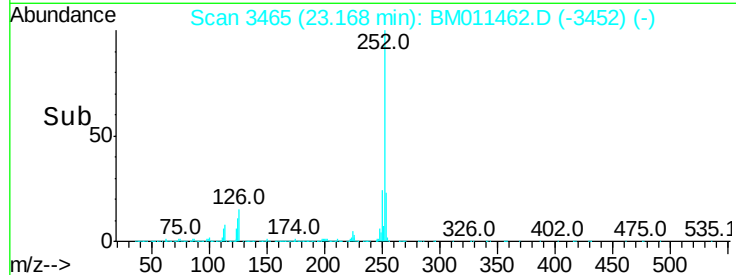
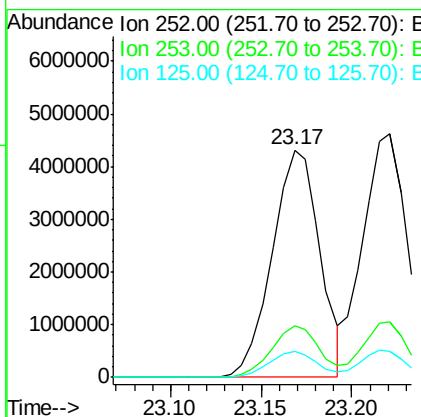
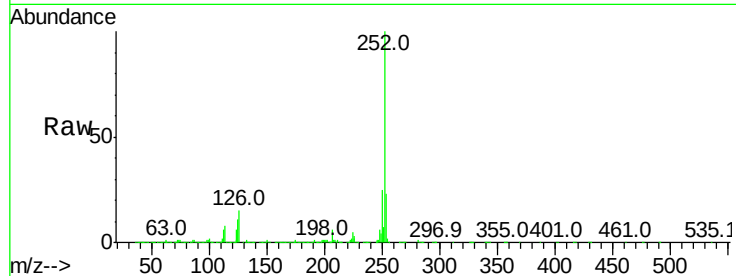
#87
Benzo(b)fluoranthene
Concen: 45.763 ng
RT: 23.17 min Scan# 3465
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.2	9.9	14.9

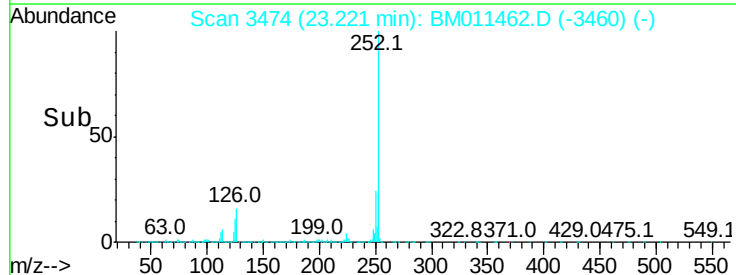
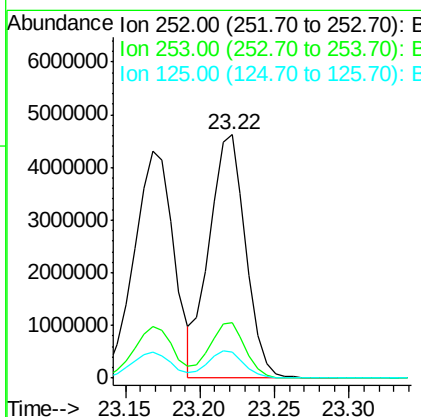
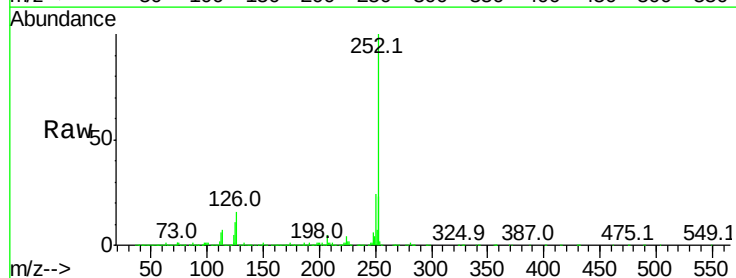
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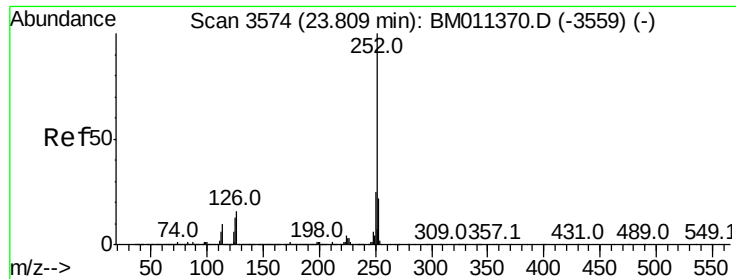
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#88
Benzo(k)fluoranthene
Concen: 47.160 ng
RT: 23.22 min Scan# 3474
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.9	8.1	12.1





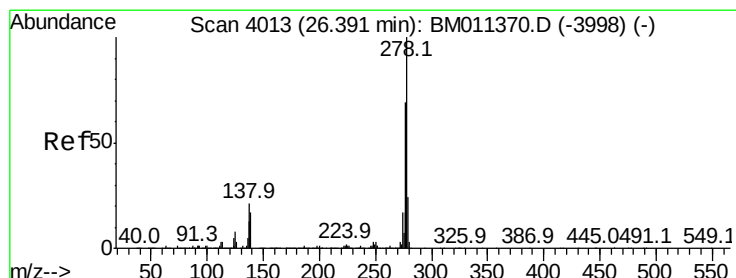
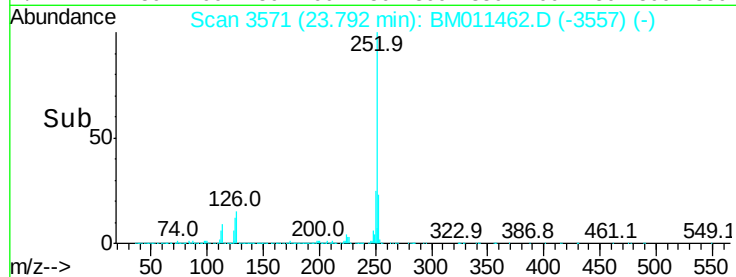
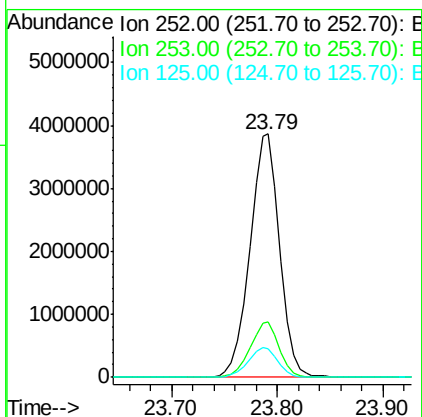
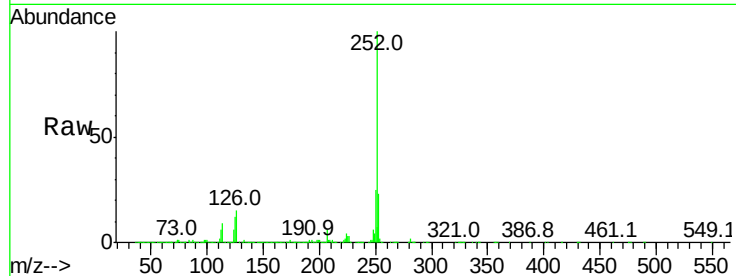
#89
Benzo(a)pyrene
Concen: 48.131 ng
RT: 23.79 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.6	7.4	11.2

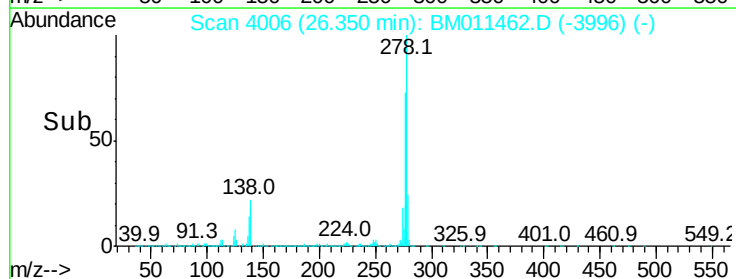
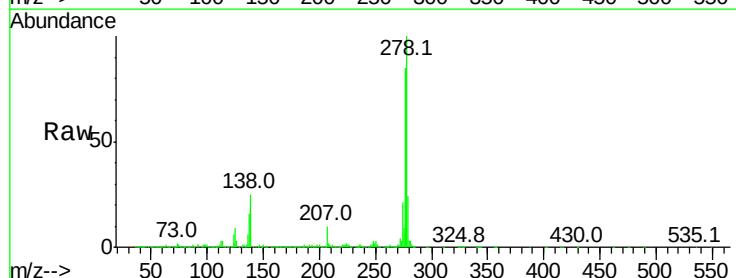
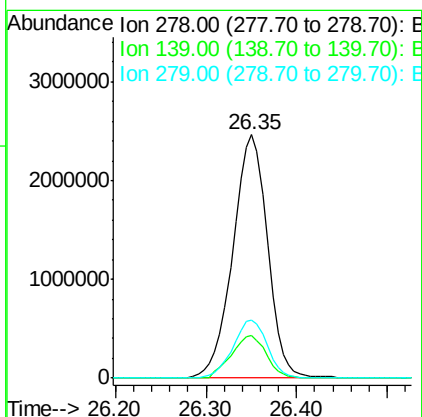
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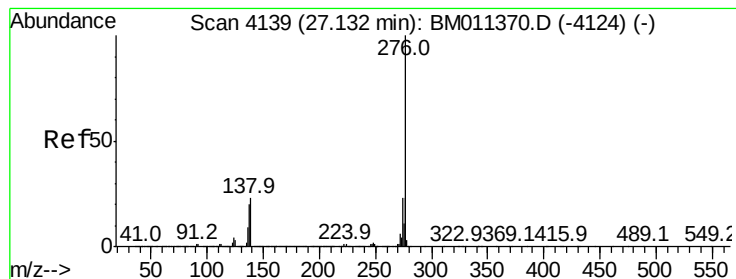
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#90
Dibenzo(a,h)anthracene
Concen: 48.545 ng
RT: 26.35 min Scan# 4006
Delta R.T. -0.04 min
Lab File: BM011462.D
Acq: 07 Sep 2017 19:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.4	20.0
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 46.434 ng

RT: 27.09 min Scan# 4132

Delta R.T. -0.04 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MS

Tot Ion:276 Resp: 6005628

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 24.2 19.0 28.6

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