

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011463.D
 Acq On : 07 Sep 2017 20:17
 Operator : SJ/JU
 Sample : I5105-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Manual Integrations
 APPROVED

Sohil
 9/8/2017 3:38:24 PM

Quant Time: Sep 08 08:22:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	517794	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2242258	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1204197	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	2608762	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	3141840	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2989384	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	4555784	148.10	ng	0.00
7) Phenol-d6	7.13	99	5604914	131.40	ng	0.00
23) Nitrobenzene-d5	9.15	82	3514928	103.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	2049691	147.12	ng	-0.01
44) 2-Fluorobiphenyl	13.23	172	7706891	92.26	ng	-0.02
78) Terphenyl-d14	19.96	244	10500390	82.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	438627	34.212	ng	# 100
3) Pyridine	3.85	79	1325611	33.763	ng	# 83
4) n-Nitrosodimethylamine	3.75	42	824080	41.107	ng	# 72
6) Aniline	7.32	93	820483	14.163	ng	92
8) 2-Chlorophenol	7.55	128	1606463	44.299	ng	90
9) Benzaldehyde	7.12	77	294056	11.860	ng	99
10) Phenol	7.16	94	1903083	40.584	ng	# 75
11) bis(2-Chloroethyl)ether	7.40	93	1757152	46.884	ng	87
12) 1,3-Dichlorobenzene	7.87	146	1569149	37.998	ng	98
13) 1,4-Dichlorobenzene	8.02	146	1620943	38.598	ng	98
14) 1,2-Dichlorobenzene	8.33	146	1565632	38.517	ng	98
15) Benzyl Alcohol	8.22	79	1265102	41.023	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2681751	42.789	ng	92
17) 2-Methylphenol	8.42	107	1346368	44.841	ng	96
18) Hexachloroethane	9.06	117	557617	38.787	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	1291758	41.245	ng	# 87
20) 3+4-Methylphenols	8.75	107	1791573	43.005	ng	98
22) Acetophenone	8.80	105	2377712	42.675	ng	# 92
24) Nitrobenzene	9.19	77	1789070	47.717	ng	94
25) Isophorone	9.71	82	3337155	43.771	ng	93
26) 2-Nitrophenol	9.90	139	747361	46.101	ng	# 83
27) 2,4-Dimethylphenol	9.95	122	1485751	41.794	ng	96
28) bis(2-Chloroethoxy)methane	10.19	93	2176384	41.832	ng	99
29) 2,4-Dichlorophenol	10.43	162	1487363	44.719	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	1470357	39.935	ng	99
31) Naphthalene	10.84	128	4946039	40.856	ng	100
32) Benzoic acid	10.07	122	722784	32.413	ng	98
33) 4-Chloroaniline	11.00	127	1720566m	32.488	ng	
34) Hexachlorobutadiene	11.12	225	810517	38.636	ng	97
35) Caprolactam	11.75	113	380777m	31.789	ng	
36) 4-Chloro-3-methylphenol	12.06	107	1575688	40.336	ng	89
37) 2-Methylnaphthalene	12.44	142	3615044	42.903	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	1576846	43.513	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1854162	111.613	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
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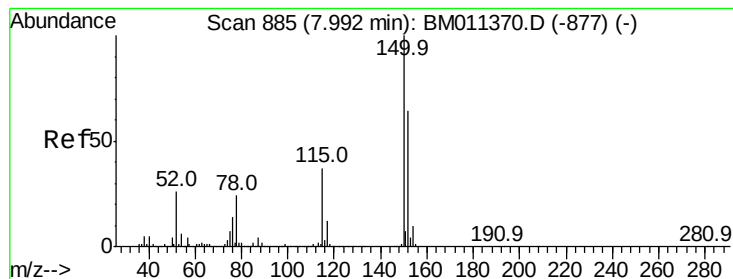
Manual Integrations
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 9/8/2017 3:38:24 PM

Quant Time: Sep 08 08:22:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.04	196	1080810	45.056	nq	99
43) 2,4,5-Trichlorophenol	13.12	196	1156425	47.468	nq	# 88
45) 1,1'-Biphenyl	13.44	154	4393538	41.097	nq	97
46) 2-Chloronaphthalene	13.49	162	3334078	41.983	nq	95
47) 2-Nitroaniline	13.69	65	1176376	46.835	nq	# 81
48) Acenaphthylene	14.33	152	5351642	43.249	nq	100
49) Dimethylphthalate	14.06	163	4109455	42.948	nq	99
50) 2,6-Dinitrotoluene	14.18	165	849289	46.876	nq	# 85
51) Acenaphthene	14.67	154	3325005	41.381	nq	99
52) 3-Nitroaniline	14.52	138	973720	41.377	nq	83
53) 2,4-Dinitrophenol	14.72	184	521726	69.357	nq	92
54) Dibenzofuran	15.01	168	5095948	45.995	nq	96
55) 4-Nitrophenol	14.82	139	1493302	81.538	nq	# 50
56) 2,4-Dinitrotoluene	14.97	165	1161698	45.676	nq	# 83
57) Fluorene	15.66	166	4226849	43.759	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.23	232	1007382	51.101	nq	# 100
59) Diethylphthalate	15.42	149	4219632	42.801	nq	98
60) 4-Chlorophenyl-phenylether	15.64	204	1974780	43.831	nq	95
61) 4-Nitroaniline	15.67	138	1033419	42.244	nq	81
62) Azobenzene	15.94	77	4301137	48.409	nq	91
64) 4,6-Dinitro-2-methylphenol	15.73	198	436888	44.264	nq	89
65) n-Nitrosodiphenylamine	15.86	169	3579510	43.544	nq	98
66) 4-Bromophenyl-phenylether	16.54	248	1193442	43.492	nq	# 91
67) Hexachlorobenzene	16.66	284	1283029	39.843	nq	# 92
68) Atrazine	16.80	200	1110122	46.078	nq	98
69) Pentachlorophenol	17.00	266	1684070	95.260	nq	98
70) Phenanthrene	17.39	178	6601530	45.439	nq	98
71) Anthracene	17.49	178	6663853	45.614	nq	99
72) Carbazole	17.75	167	6310334	44.822	nq	99
73) Di-n-butylphthalate	18.30	149	7448440	45.538	nq	100
74) Fluoranthene	19.40	202	7597843	45.833	nq	95
76) Benzidine	19.58	184	8812129	142.111	nq	99
77) Pyrene	19.76	202	7994838	41.526	nq	98
79) Butylbenzylphthalate	20.64	149	3659164	43.022	nq	93
80) Benzo(a)anthracene	21.50	228	7830578	44.562	nq	98
81) 3,3'-Dichlorobenzidine	21.43	252	2126083	31.869	nq	98
82) Chrysene	21.55	228	7308910	44.129	nq	97
83) Bis(2-ethylhexyl)phthalate	21.41	149	5535754	44.395	nq	99
84) Di-n-octyl phthalate	22.33	149	9664989	45.980	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.34	276	8148702	52.743	nq	# 88
87) Benzo(b)fluoranthene	23.17	252	8033654	43.773	nq	99
88) Benzo(k)fluoranthene	23.22	252	7893578	44.858	nq	98
89) Benzo(a)pyrene	23.79	252	7607789	45.959	nq	# 97
90) Dibenzo(a,h)anthracene	26.35	278	6793649	47.955	nq	99
91) Benzo(g,h,i)perylene	27.09	276	6415537	46.859	nq	99

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



#1

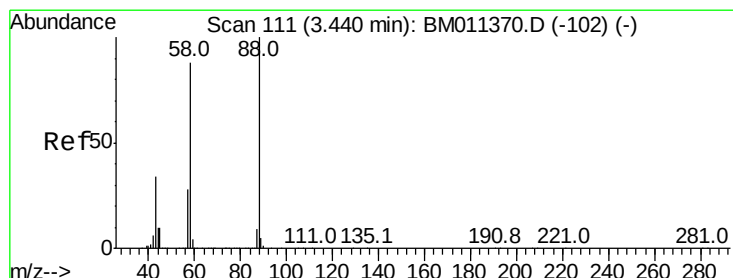
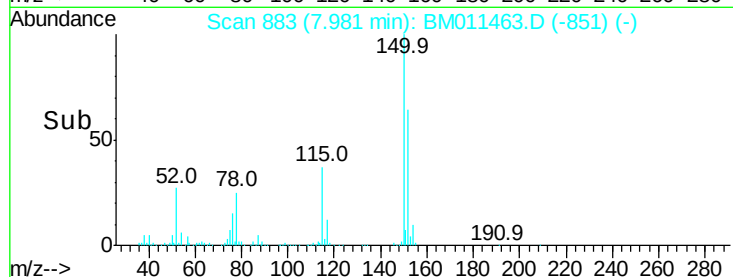
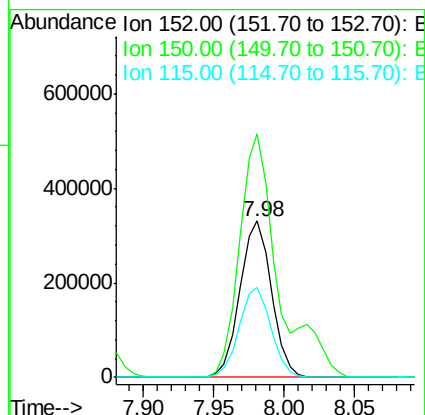
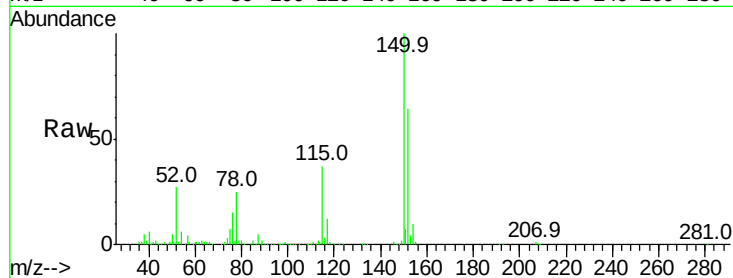
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	57.8	43.0	64.4

Manual Integrations
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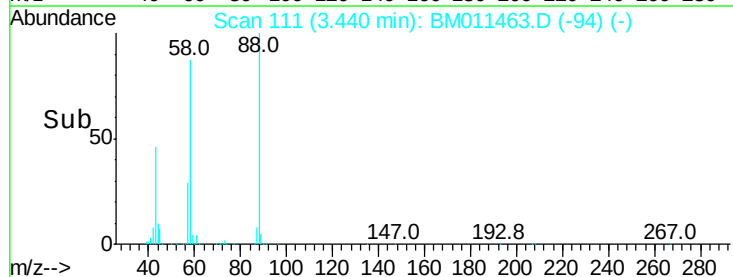
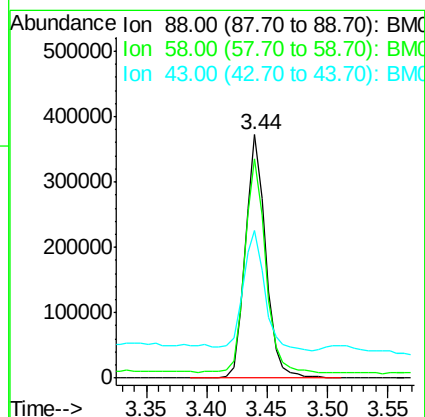
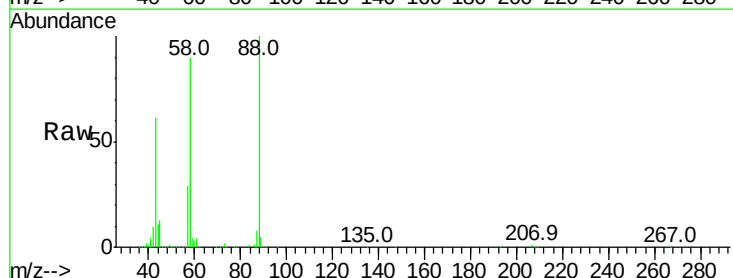
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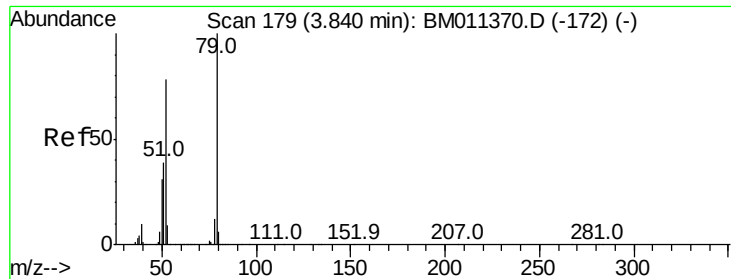


#2

1,4-Dioxane
Concen: 34.212 ng
RT: 3.44 min Scan# 111
Delta R.T. -0.00 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	0.0	0.0#
43	51.8	0.0	0.0#





#3

Pvridine

Concen: 33.763 ng

RT: 3.85 min Scan# 180

Delta R.T. 0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion: 79 Resp: 1325611

Ion Ratio Lower Upper

79 100

52 78.8 51.1 76.7#

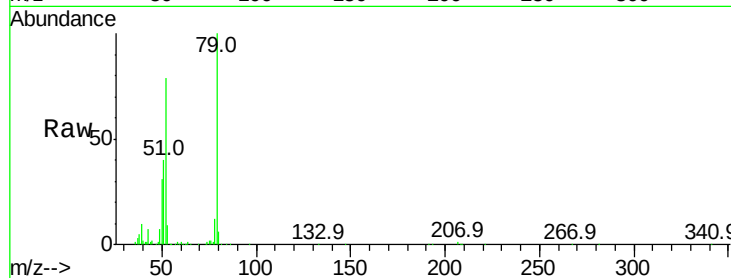
51 39.9 26.1 39.1#

Manual Integrations

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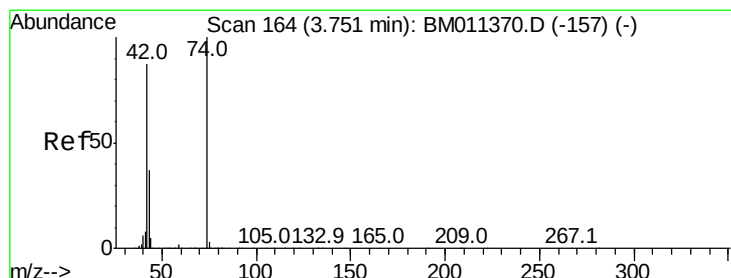
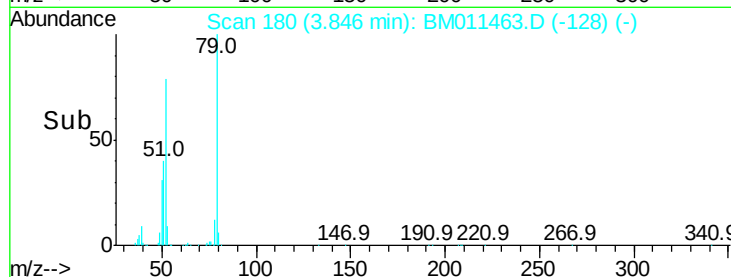
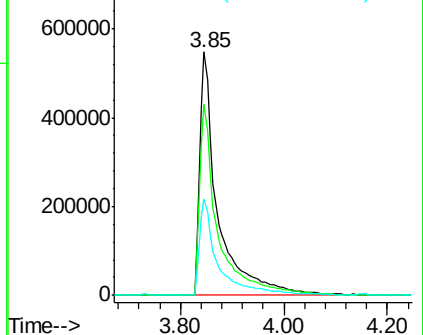
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Abundance Ion 79.00 (78.70 to 79.70): BM011370.D (-172) (-)

Ion 52.00 (51.70 to 52.70): BM011370.D (-172) (-)

Ion 51.00 (50.70 to 51.70): BM011370.D (-172) (-)



#4

n-Nitrosodimethylamine

Concen: 41.107 ng

RT: 3.75 min Scan# 163

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

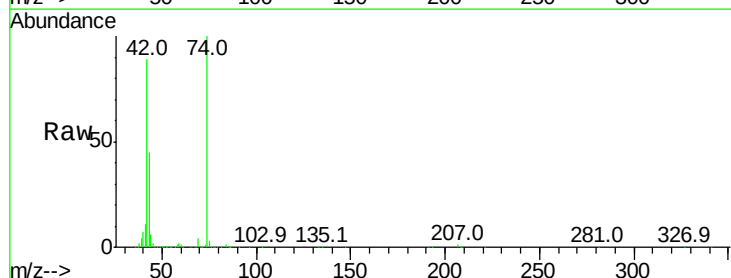
Tgt Ion: 42 Resp: 824080

Ion Ratio Lower Upper

42 100

74 112.6 119.3 178.9#

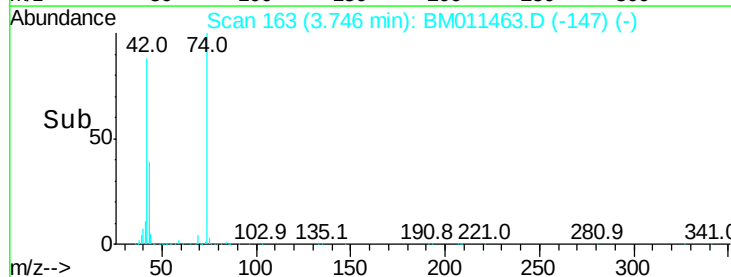
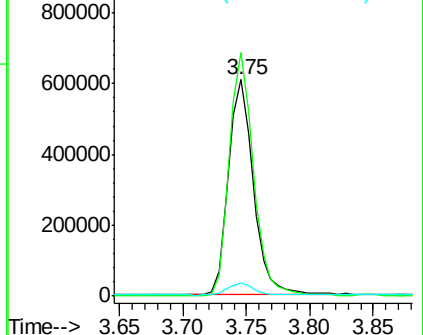
44 6.4 5.4 8.2

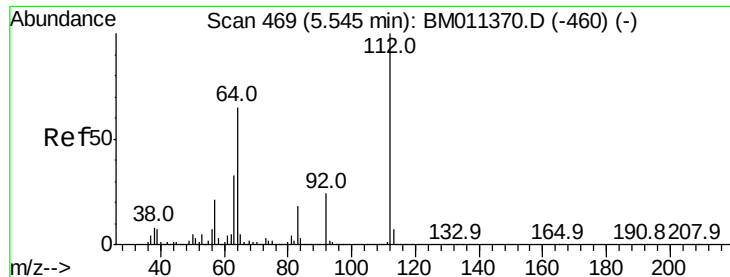


Abundance Ion 42.00 (41.70 to 42.70): BM011370.D (-157) (-)

Ion 74.00 (73.70 to 74.70): BM011370.D (-157) (-)

Ion 44.00 (43.70 to 44.70): BM011370.D (-157) (-)





#5

2-Fluorophenol

Concen: 148.102 ng

RT: 5.54 min Scan# 468

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:112 Resp: 4555784

Ion Ratio Lower Upper

112 100

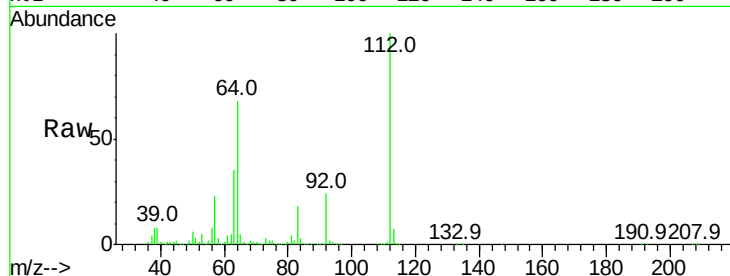
64 68.5 38.6 57.8#

63 35.4 19.3 28.9#

Manual Integrations
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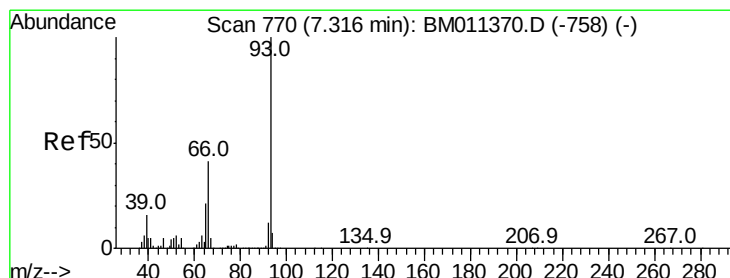
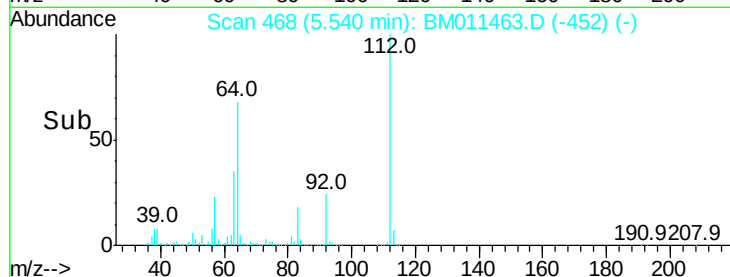
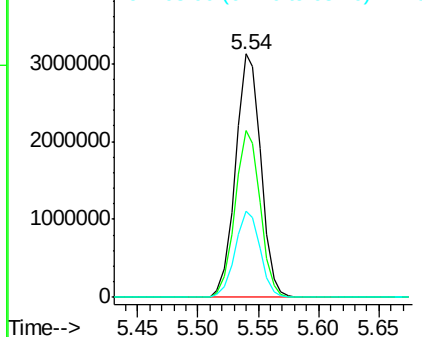
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 14.163 ng

RT: 7.32 min Scan# 771

Delta R.T. 0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

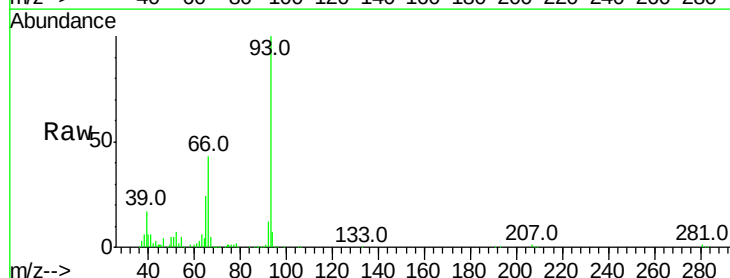
Tgt Ion: 93 Resp: 820483

Ion Ratio Lower Upper

93 100

66 43.0 30.8 46.2

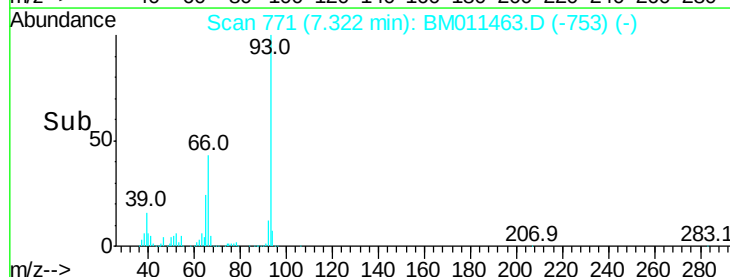
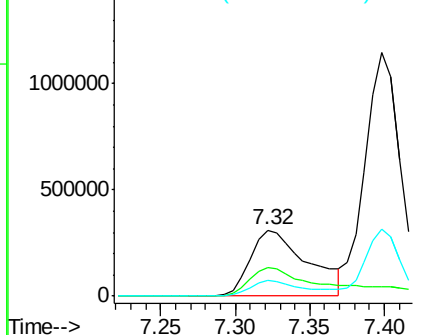
65 23.8 16.0 24.0

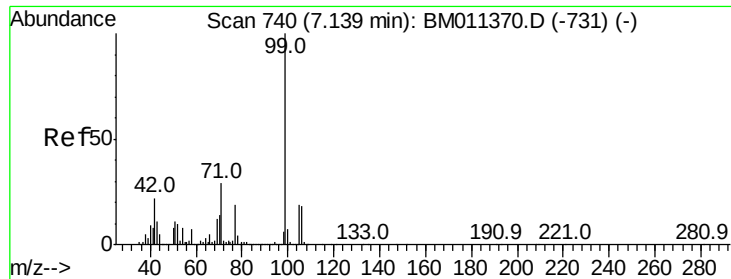


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 131.405 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion: 99 Resp: 5604914

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

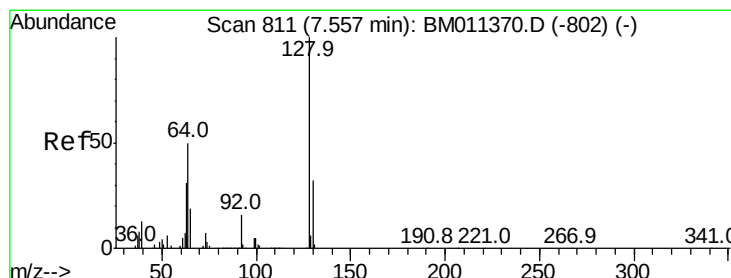
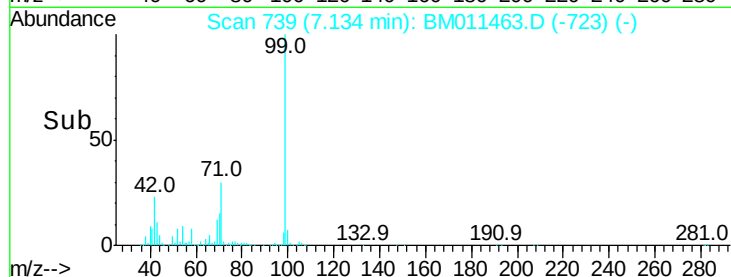
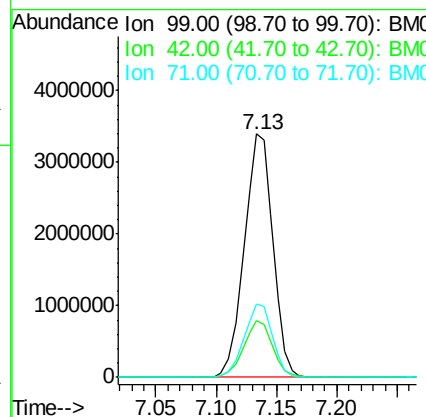
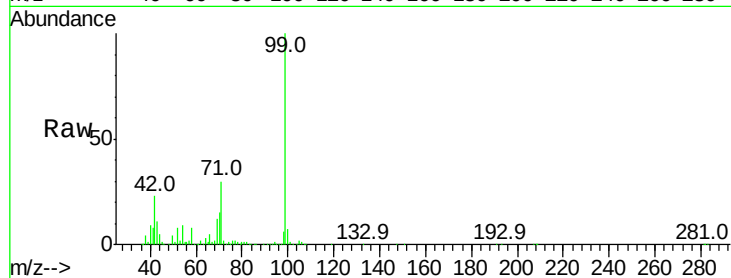
71 30.3 23.4 35.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.299 ng

RT: 7.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

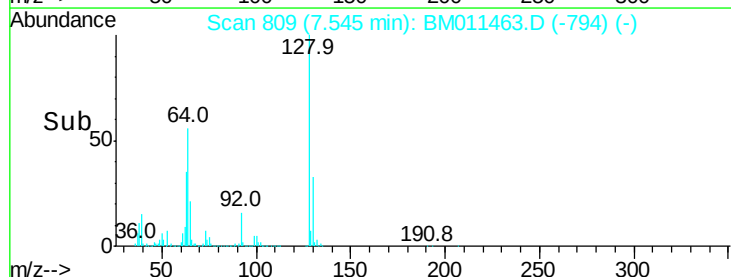
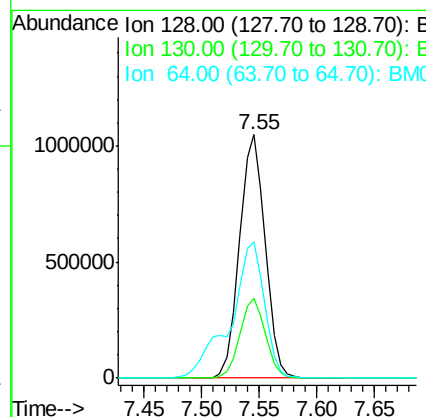
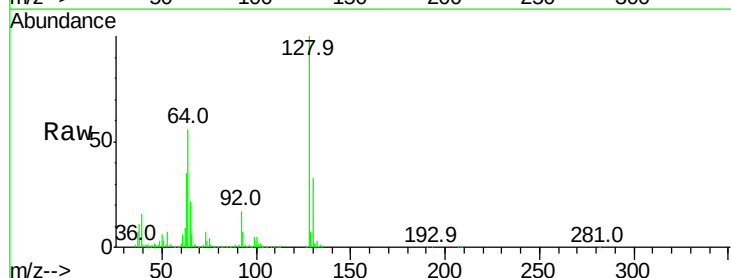
Tgt Ion: 128 Resp: 1606463

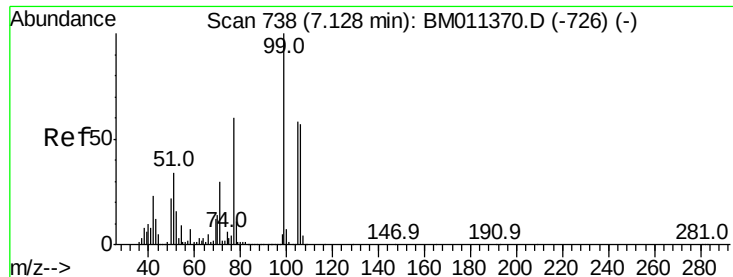
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 55.8 24.9 64.9





#9

Benzaldehyde

Concen: 11.860 ng

RT: 7.12 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

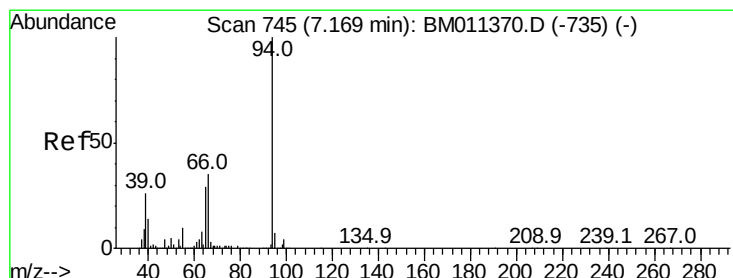
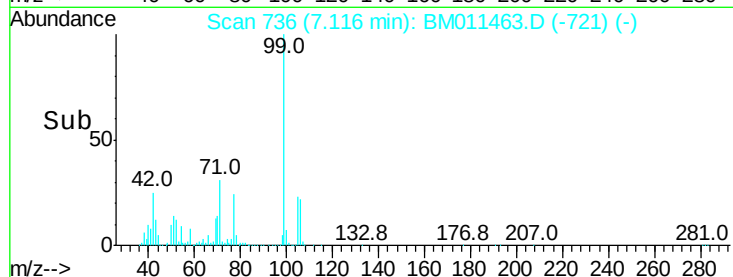
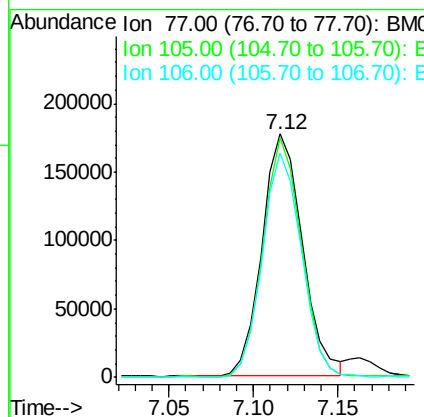
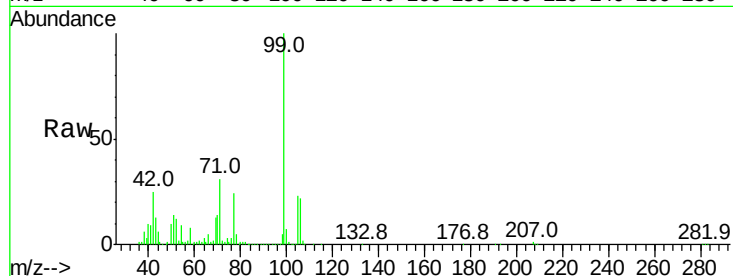
OK-02-090517MSD

Tot Ion:	77	Resp:	294056
Ion Ratio	Lower	Upper	
77	100		
105	98.5	78.8	118.8
106	92.3	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 40.584 ng

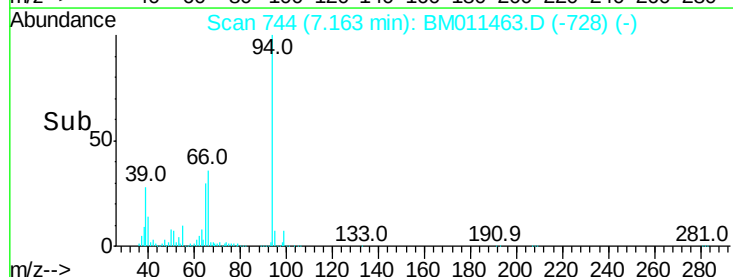
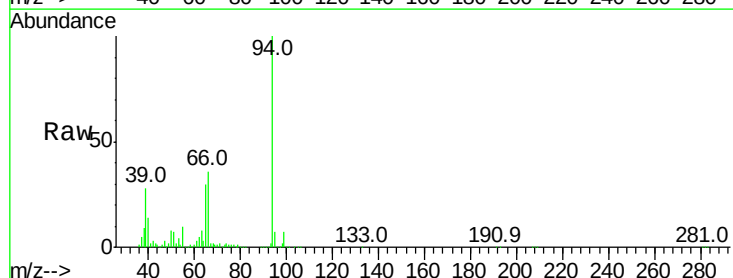
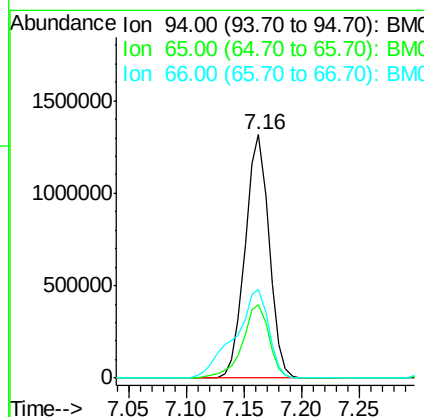
RT: 7.16 min Scan# 744

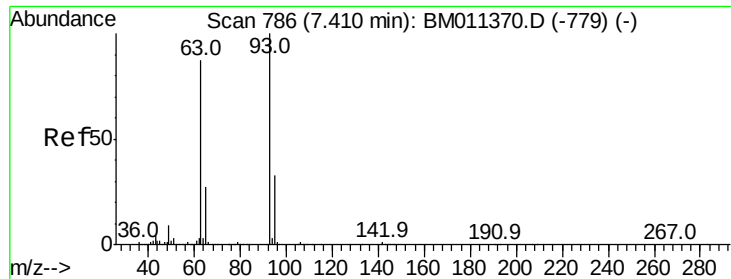
Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Tgt Ion:	94	Resp:	1903083
Ion Ratio	Lower	Upper	
94	100		
65	30.2	18.8	58.8
66	36.3	39.9	79.9#





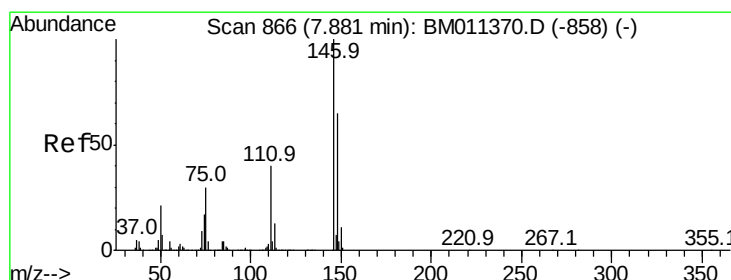
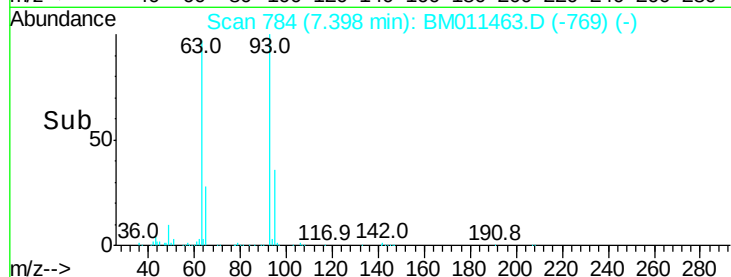
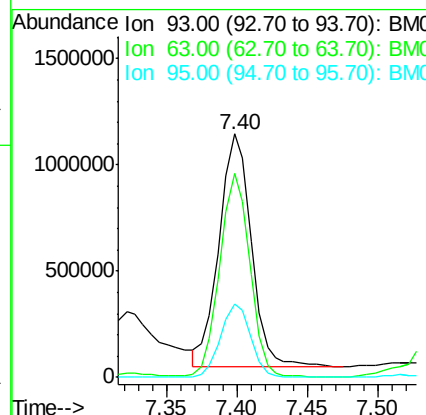
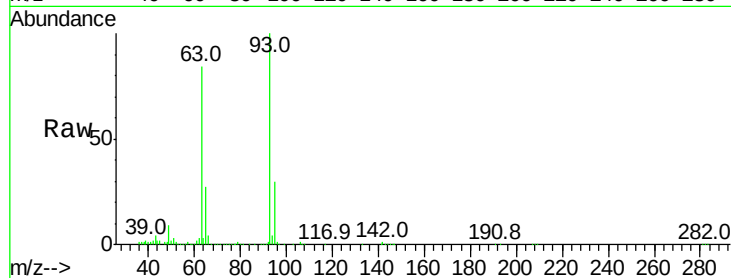
#11
bis(2-Chloroethyl)ether
Concen: 46.884 ng
RT: 7.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	93	Resp	1757152
Ion	Ratio	Lower	Upper
93	100		
63	83.6	49.5	89.5
95	30.4	13.5	53.5

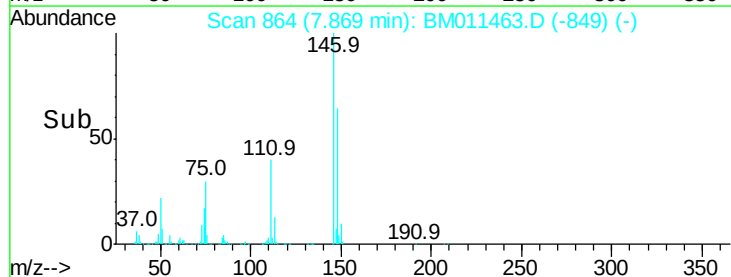
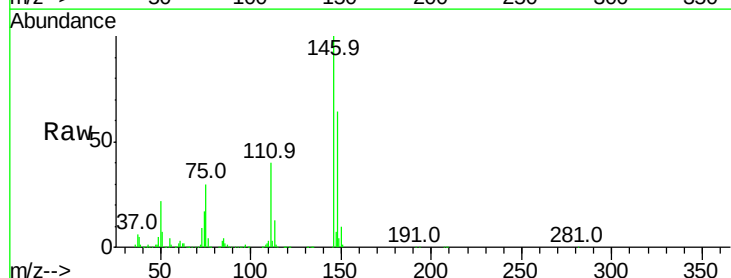
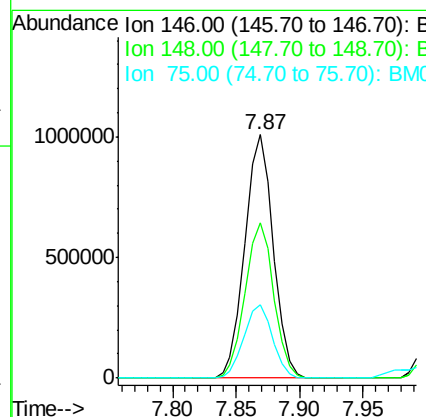
Manual Integrations
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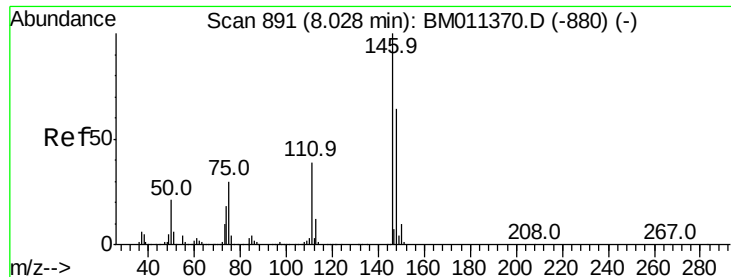
Sohil
9/8/2017 3:38:24 PM



#12
1,3-Dichlorobenzene
Concen: 37.998 ng
RT: 7.87 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	146	Resp	1569149
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
75	30.1	21.4	32.2





#13
 1,4-Dichlorobenzene
 Concen: 38.598 ng
 RT: 8.02 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

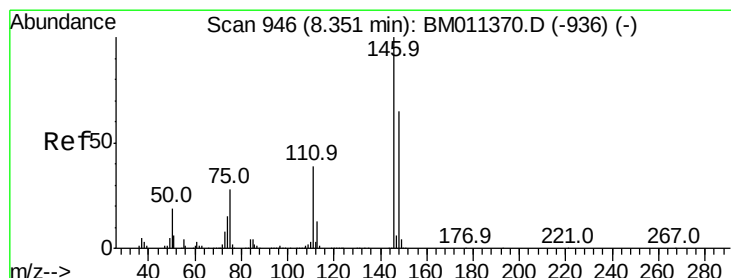
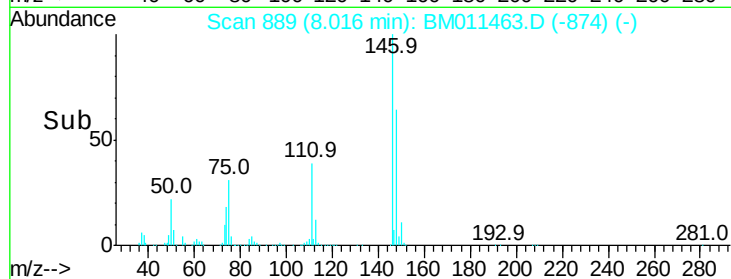
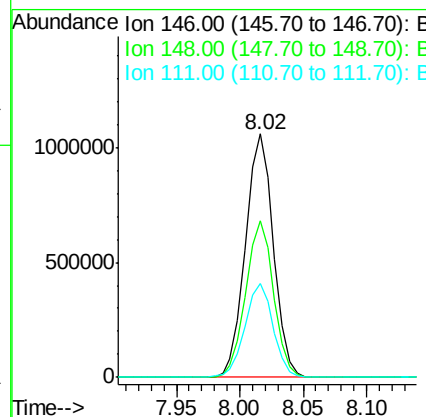
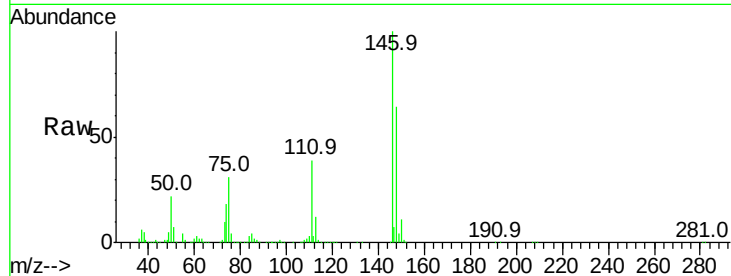
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion:146 Resp: 1620943

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	38.5	29.2	43.8

Manual Integrations
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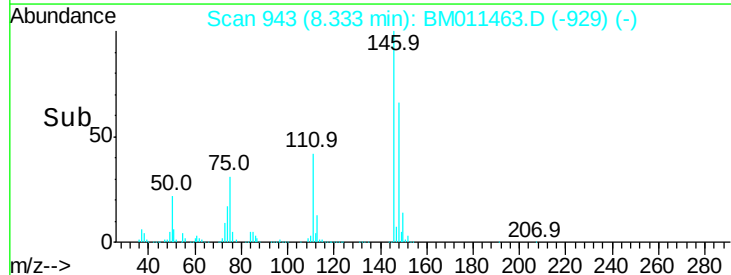
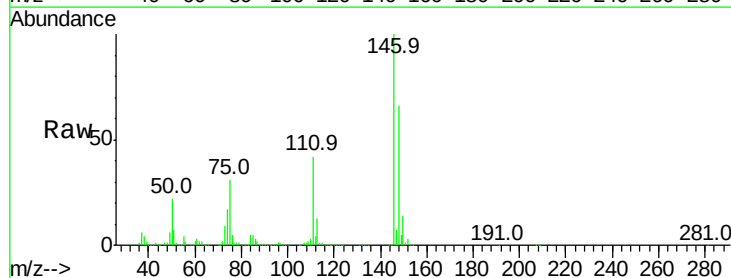
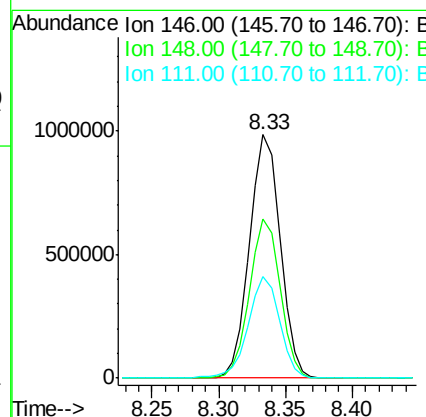
Sohil
 9/8/2017 3:38:24 PM

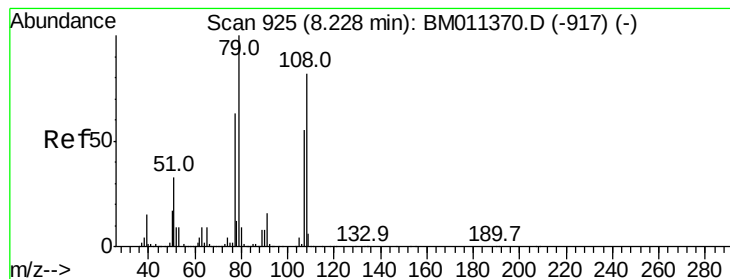


#14
 1,2-Dichlorobenzene
 Concen: 38.517 ng
 RT: 8.33 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion:146 Resp: 1565632

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
111	41.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 41.023 ng

RT: 8.22 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion: 79 Resp: 1265102

Ion Ratio Lower Upper

79 100

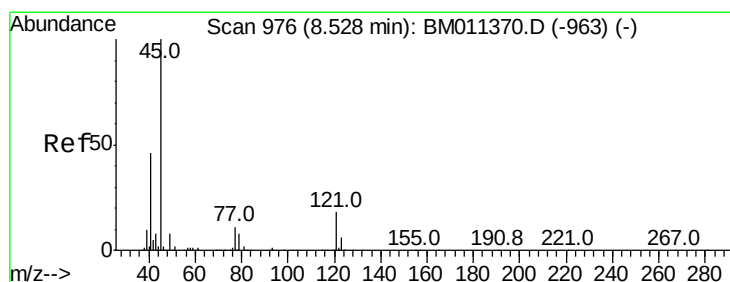
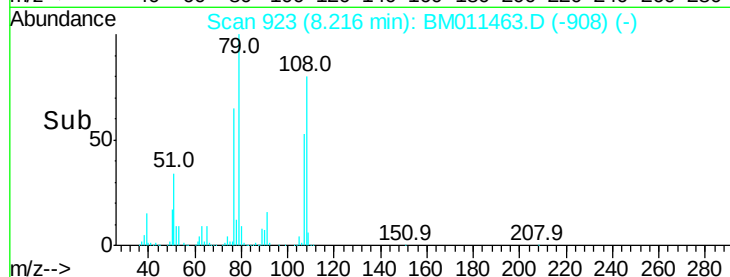
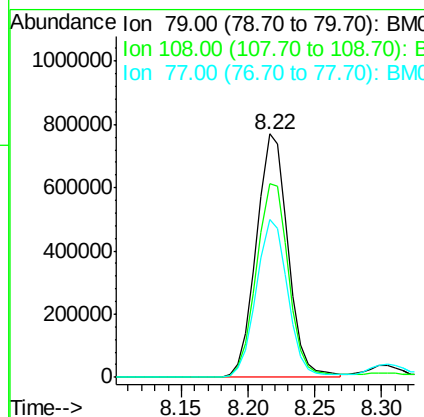
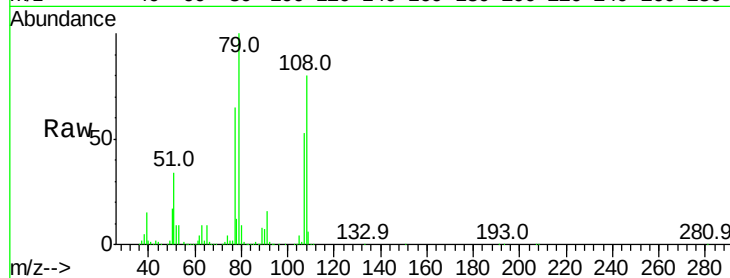
108 79.7 65.0 97.4

77 64.8 53.0 79.6

Manual Integrations
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Sohil

9/8/2017 3:38:24 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.789 ng

RT: 8.50 min Scan# 972

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

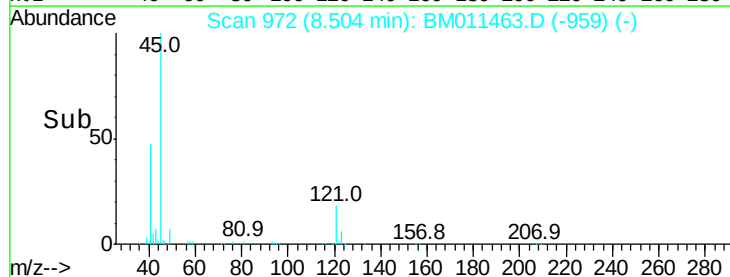
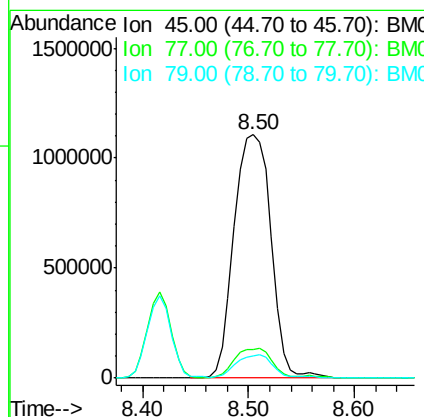
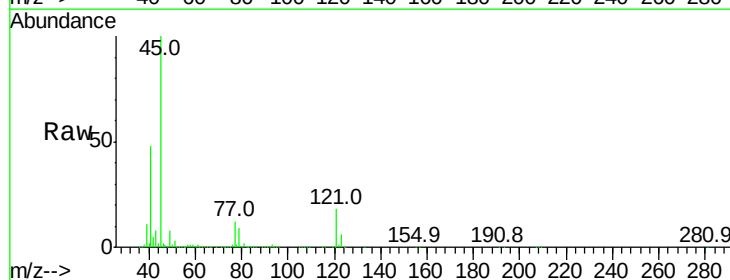
Tgt Ion: 45 Resp: 2681751

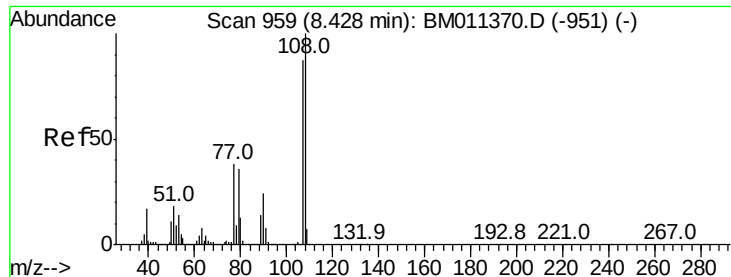
Ion Ratio Lower Upper

45 100

77 11.8 0.0 35.2

79 9.3 0.0 32.0





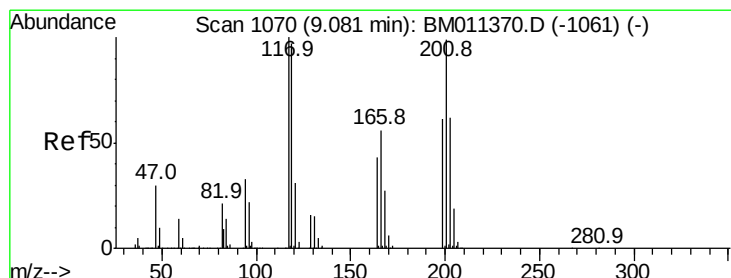
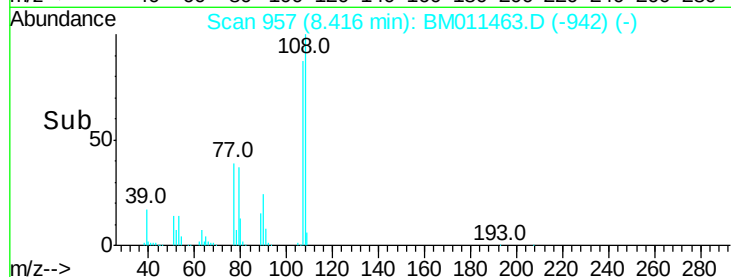
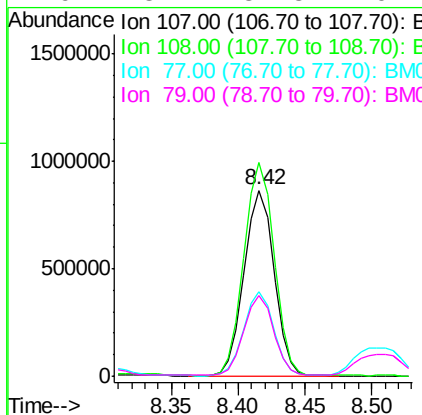
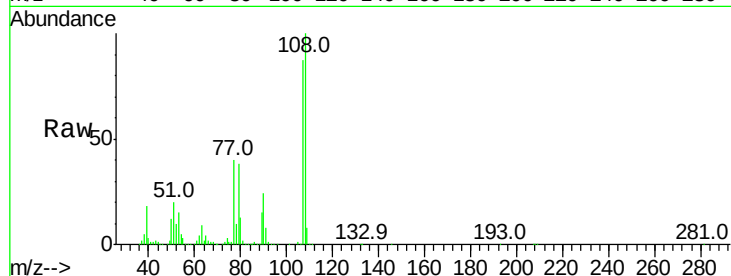
#17
2-Methylphenol
Concen: 44.841 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	89.8	134.8
77	45.5	32.6	48.8
79	43.1	32.8	49.2

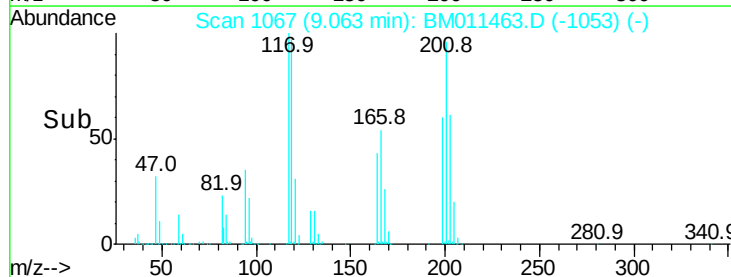
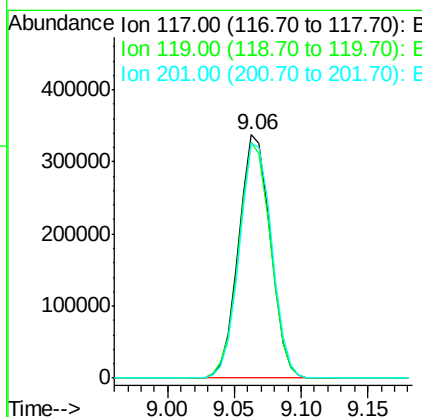
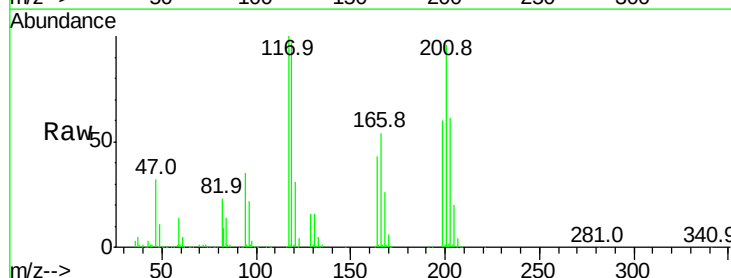
Manual Integrations
APPROVED

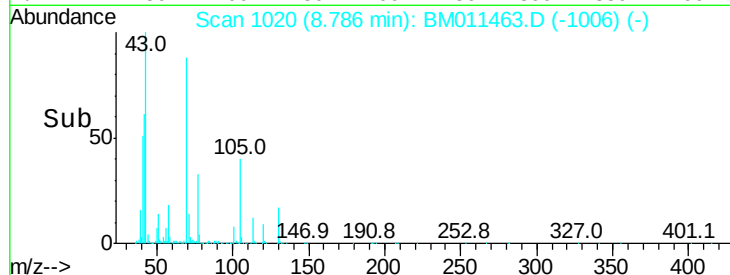
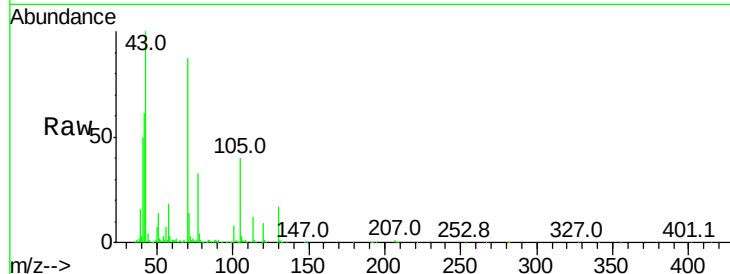
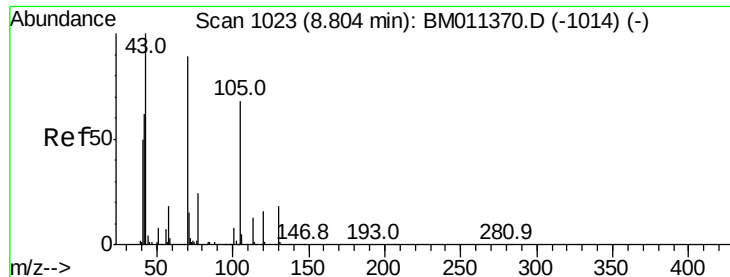
Sohil
9/8/2017 3:38:24 PM



#18
Hexachloroethane
Concen: 38.787 ng
RT: 9.06 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	79.2	118.8
201	96.4	69.8	104.6





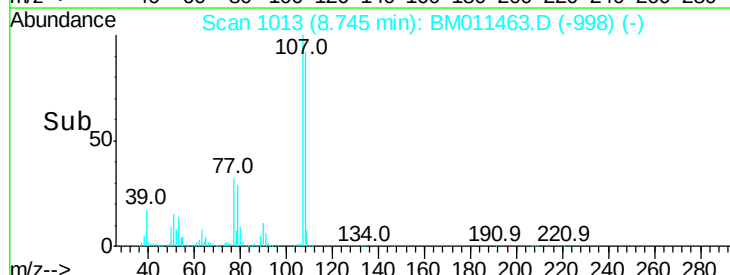
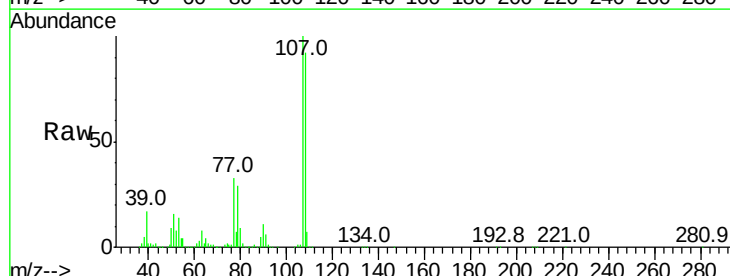
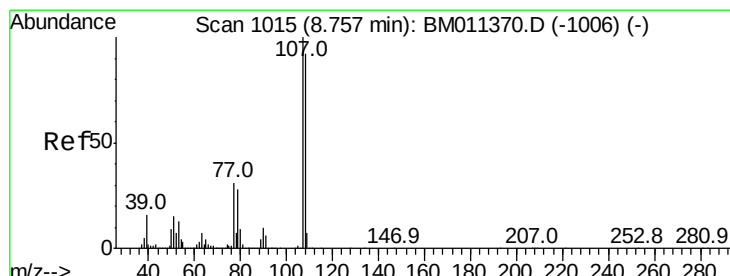
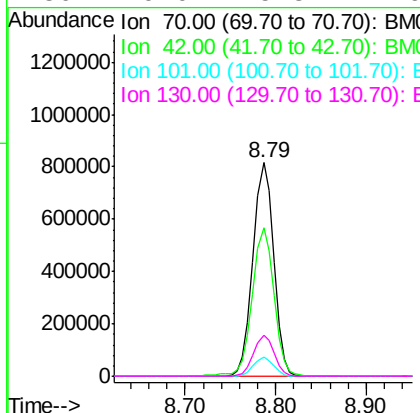
#19
n-Nitroso-di-n-propylamine
Concen: 41.245 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.8	44.5	66.7#
101	9.1	7.4	11.2
130	19.0	15.3	22.9

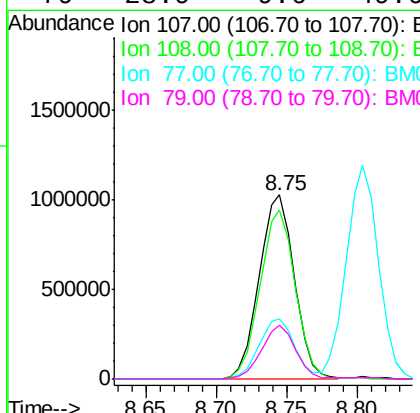
Manual Integrations
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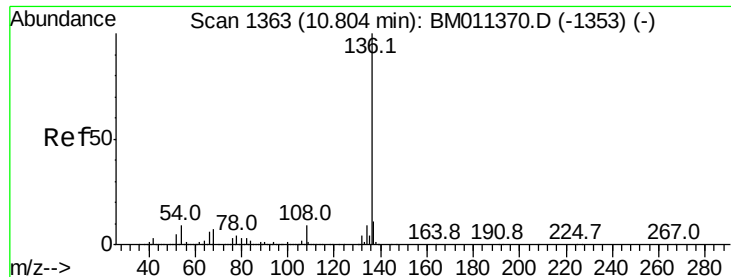
Sohil
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#20
3+4-Methylphenols
Concen: 43.005 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	73.2	113.2
77	32.7	10.7	50.7
79	28.9	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: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

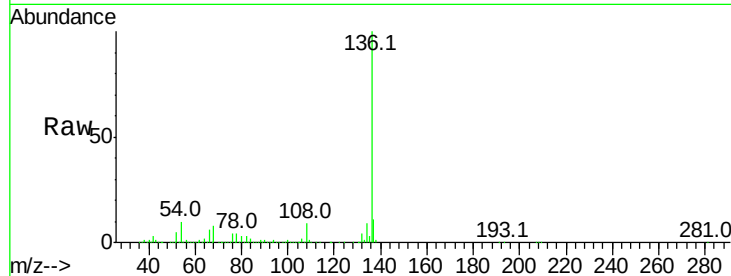
ClientSampleId :

OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.9	4.6	6.8#
68	7.6	3.7	5.5#

Manual Integrations
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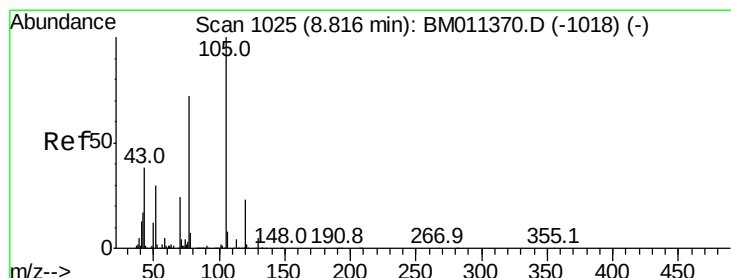
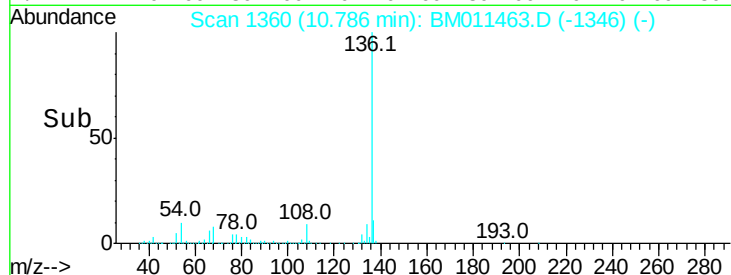
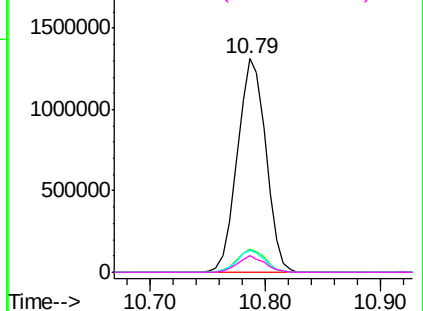
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.675 ng

RT: 8.80 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.6	1.0#
51	32.6	21.6	32.4#
120	22.6	16.1	24.1

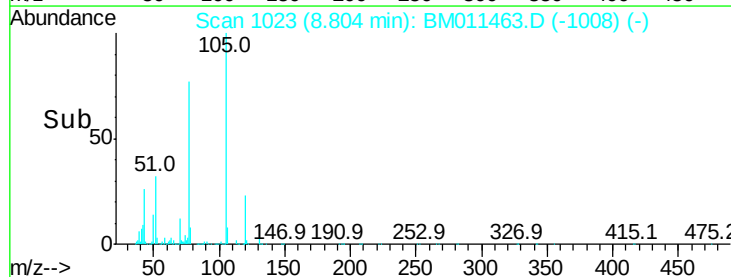
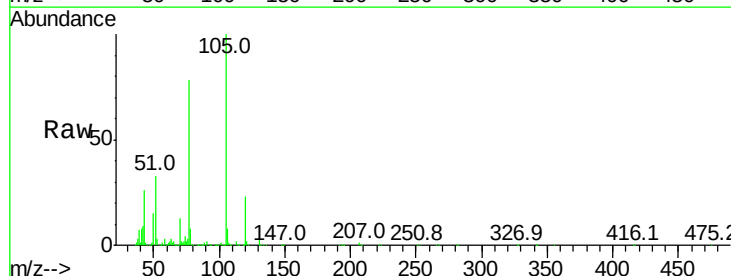
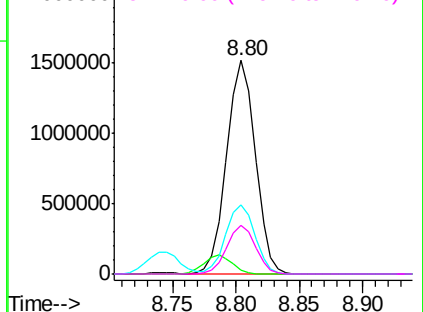
Abundance

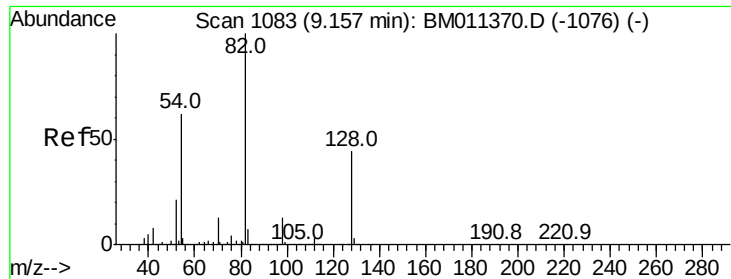
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





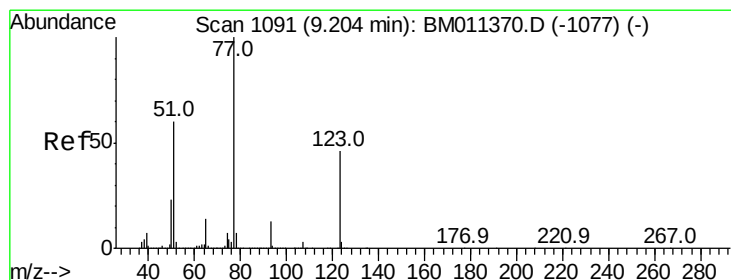
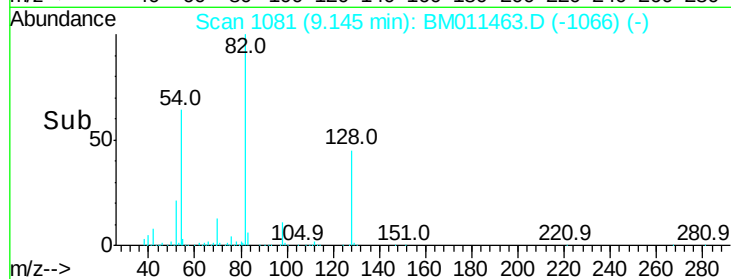
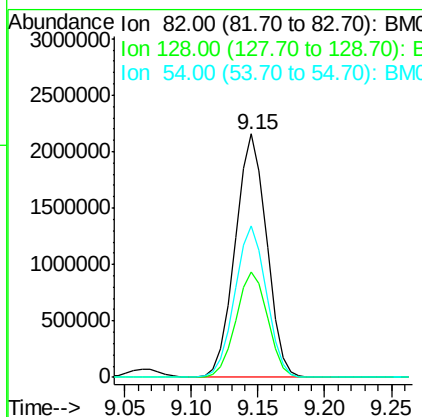
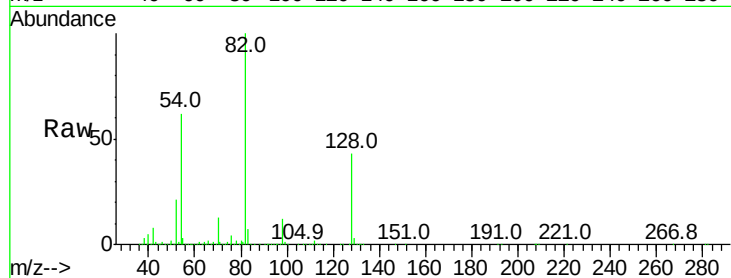
#23
 Nitrobenzene-d5
 Concen: 103.301 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.8	49.2
54	62.0	40.6	60.8

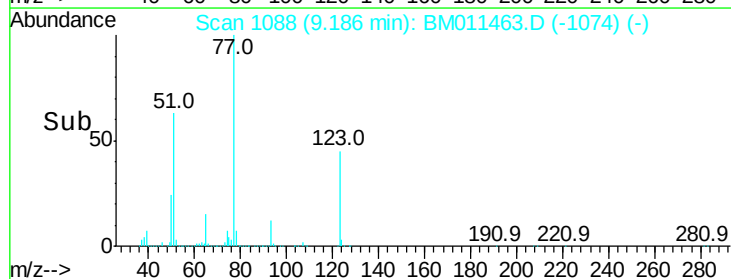
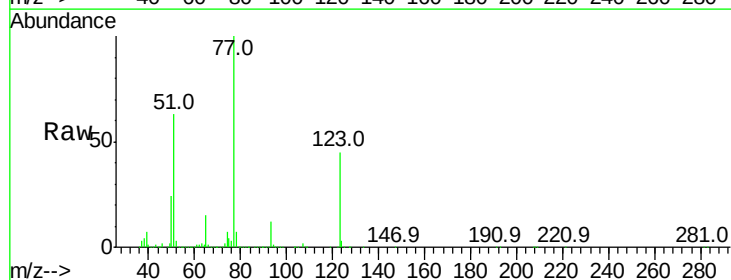
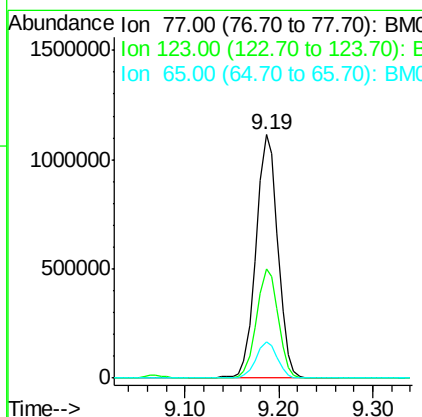
Manual Integrations
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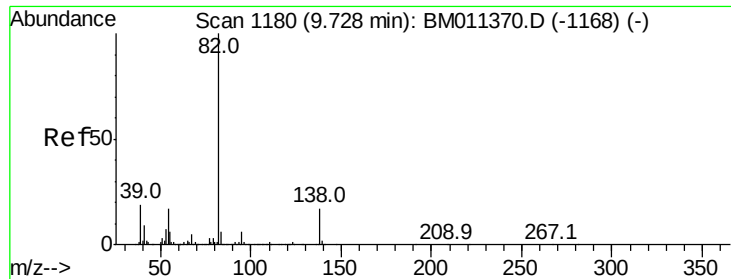
Sohil
 9/8/2017 3:38:24 PM



#24
 Nitrobenzene
 Concen: 47.717 ng
 RT: 9.19 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	32.6	49.0
65	14.8	10.9	16.3





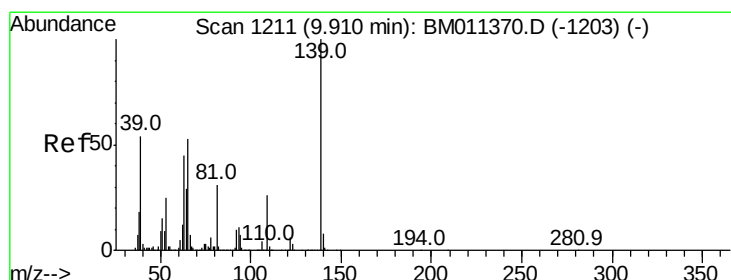
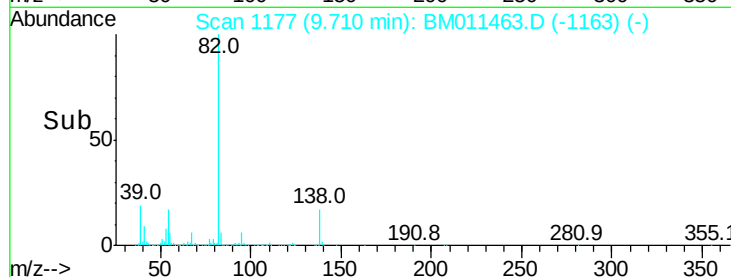
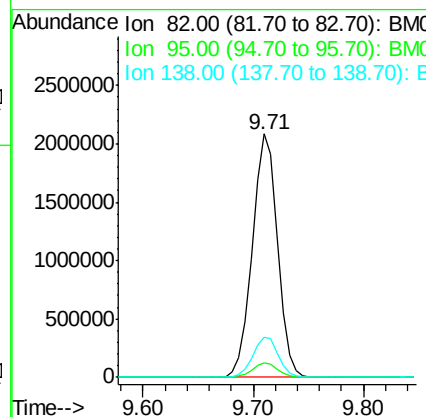
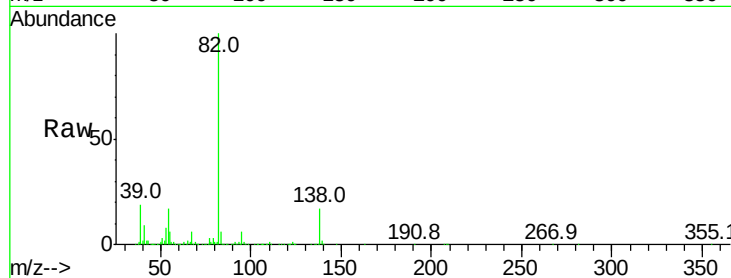
#25
Isophorone
Concen: 43.771 ng
RT: 9.71 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	5.8	5.8	8.6
138	16.7	16.3	24.5

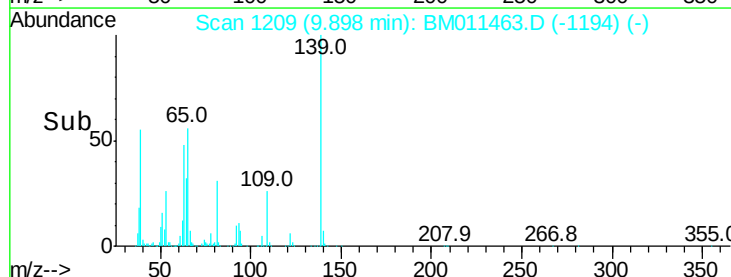
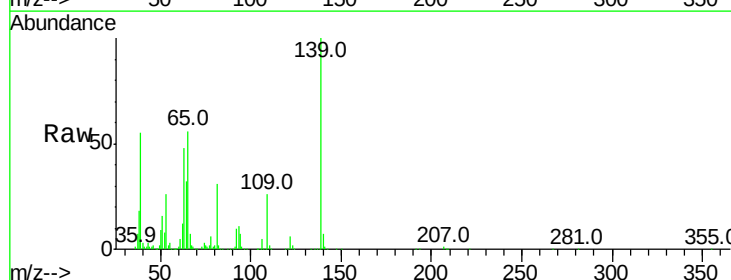
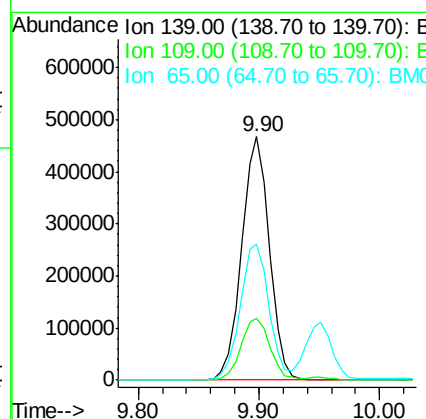
Manual Integrations
APPROVED

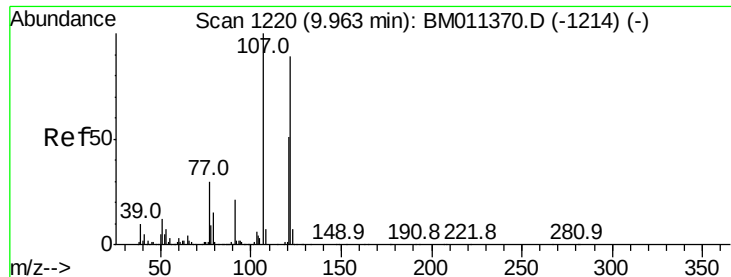
Sohil
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#26
2-Nitrophenol
Concen: 46.101 ng
RT: 9.90 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.7	20.1	30.1
65	55.9	31.5	47.3





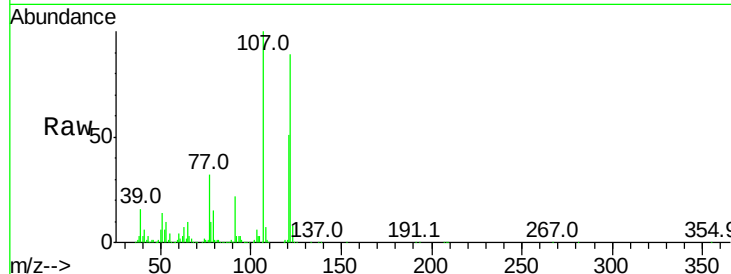
#27
 2,4-Dimethylphenol
 Concen: 41.794 ng
 RT: 9.95 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

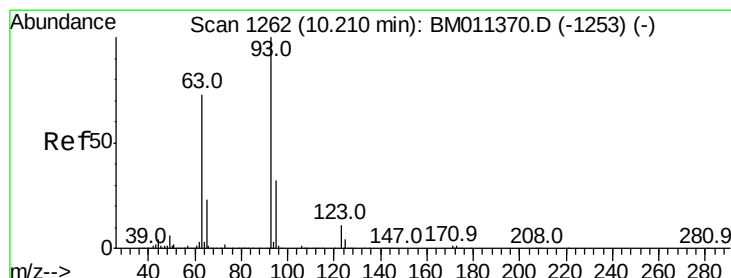
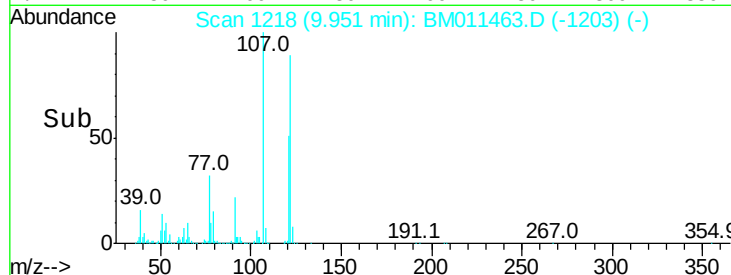
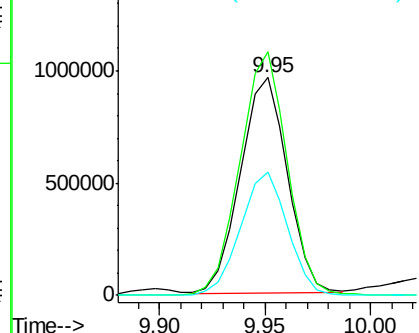
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	84.7	127.1
121	56.7	46.6	69.8

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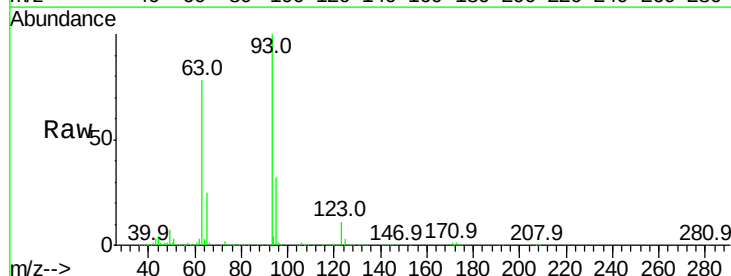


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

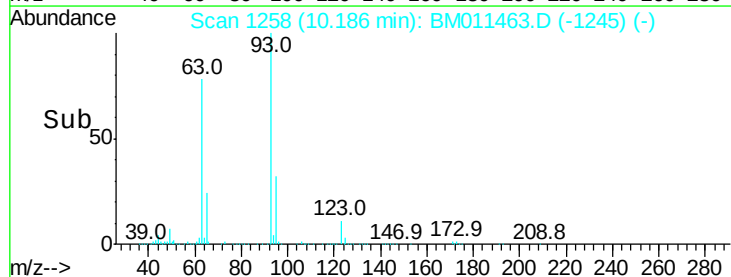
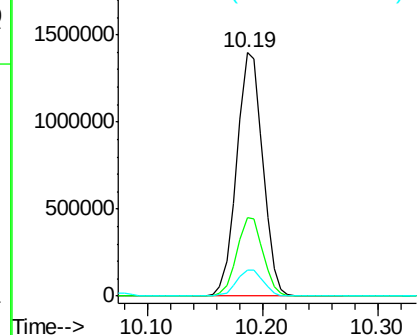


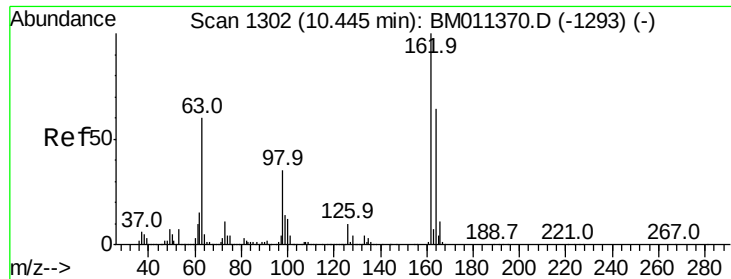
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.832 ng
 RT: 10.19 min Scan# 1258
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	10.8	8.6	13.0



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





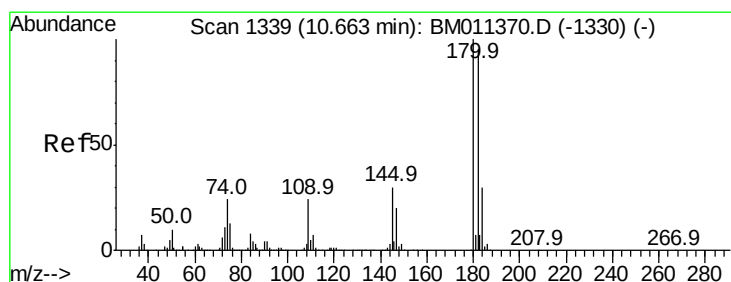
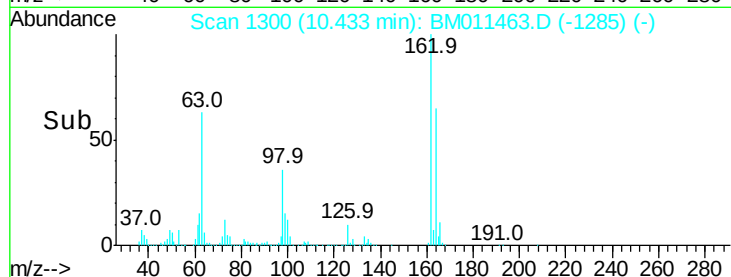
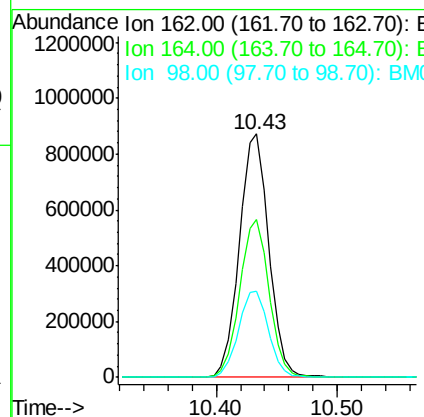
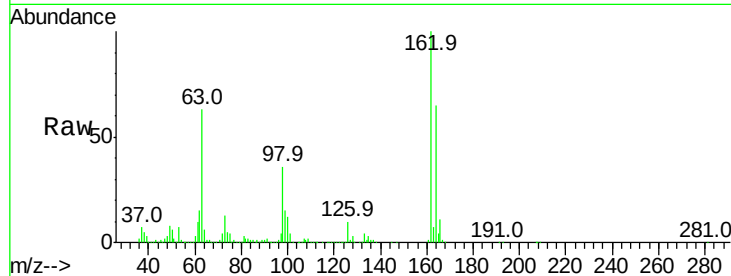
#29
 2,4-Dichlorophenol
 Concen: 44.719 ng
 RT: 10.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.8	82.8
98	35.5	14.5	54.5

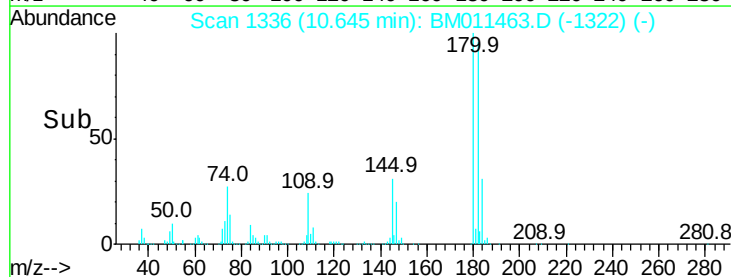
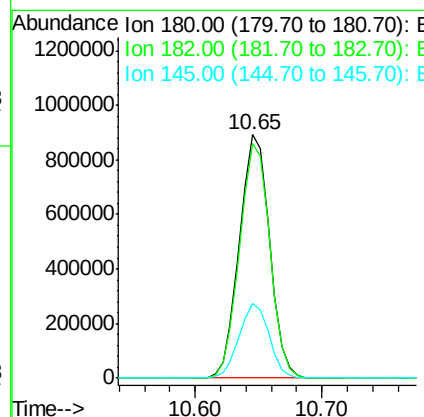
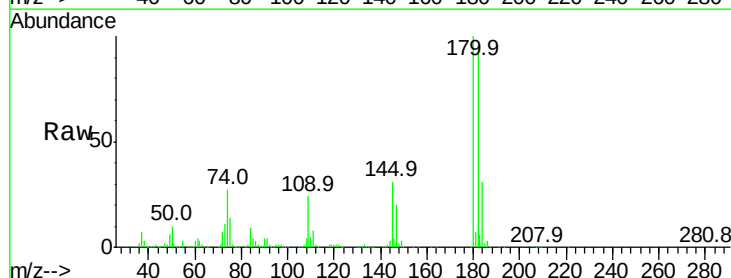
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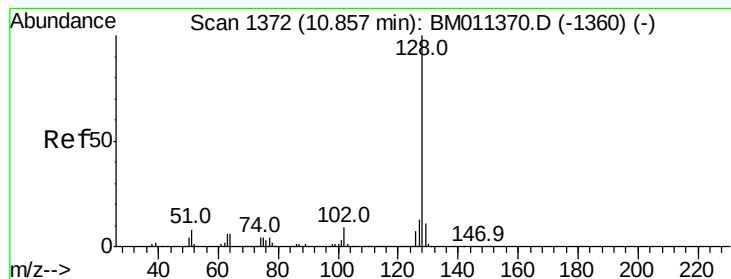
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.935 ng
 RT: 10.65 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.6	116.4
145	30.7	23.4	35.2





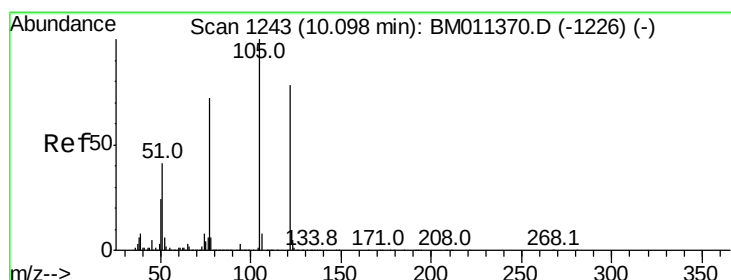
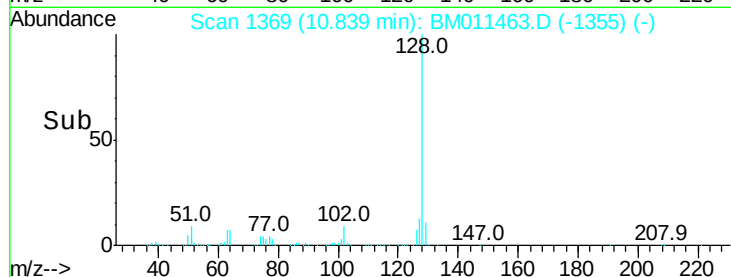
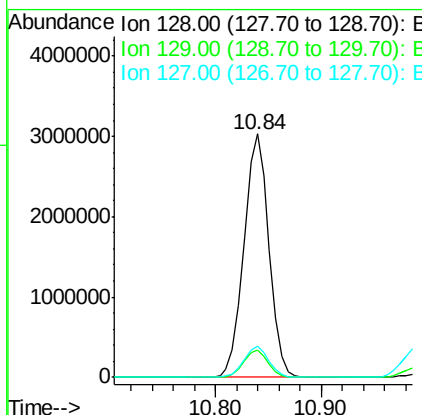
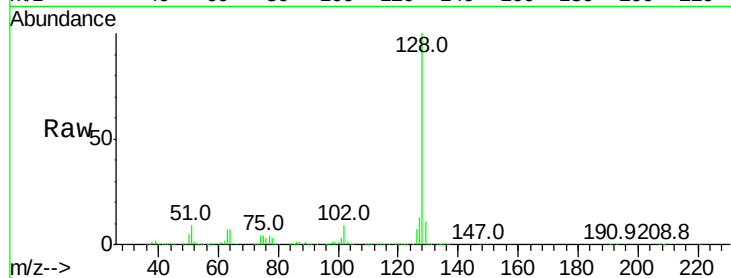
#31
Naphthalene
Concen: 40.856 ng
RT: 10.84 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion:128 Resp: 4946039
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6

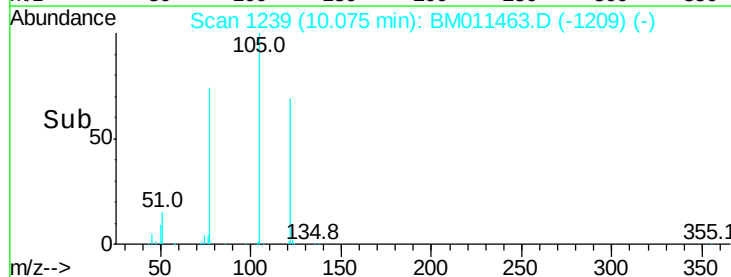
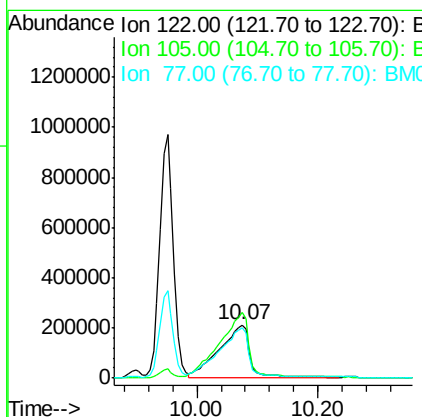
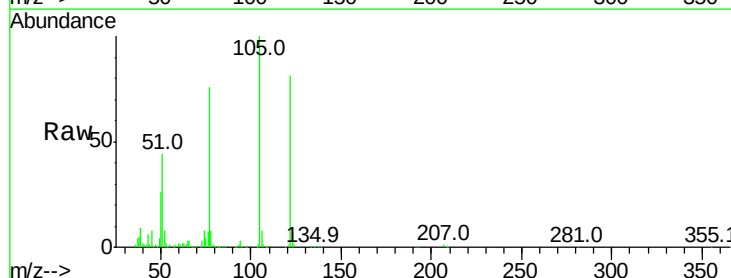
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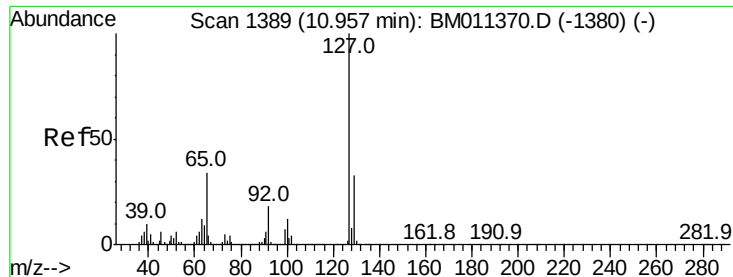
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#32
Benzoic acid
Concen: 32.413 ng
RT: 10.07 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion:122 Resp: 722784
Ion Ratio Lower Upper
122 100
105 123.9 99.9 139.9
77 94.5 73.7 113.7





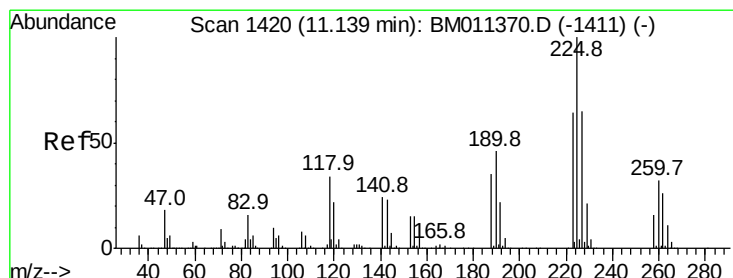
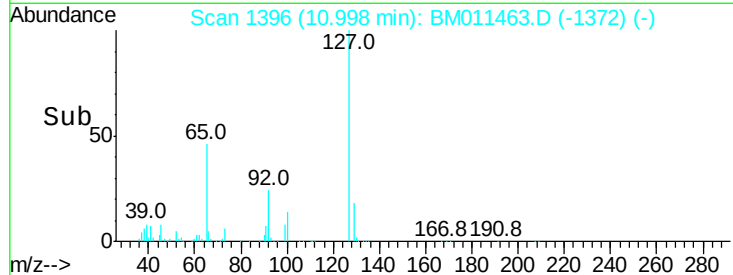
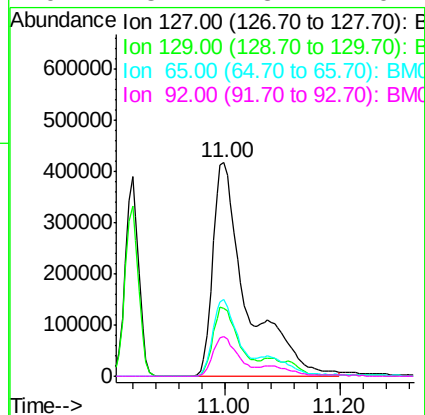
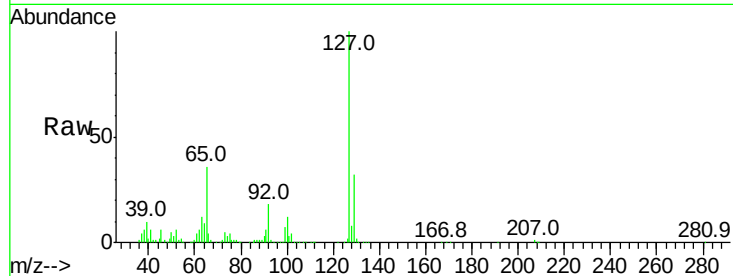
#33
4-Chloroaniline
Concen: 32.488 ng/mL
RT: 11.00 min Scan# 1396
Delta R.T. 0.04 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	36.0	17.6	26.4
92	18.4	13.1	19.7

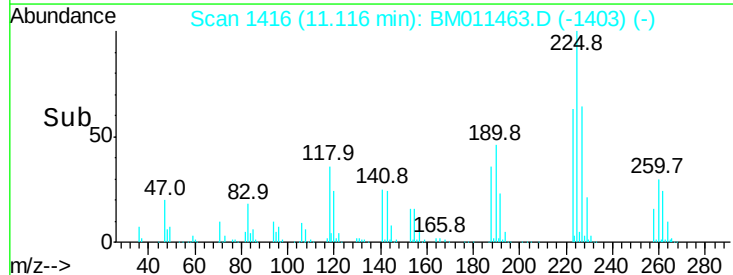
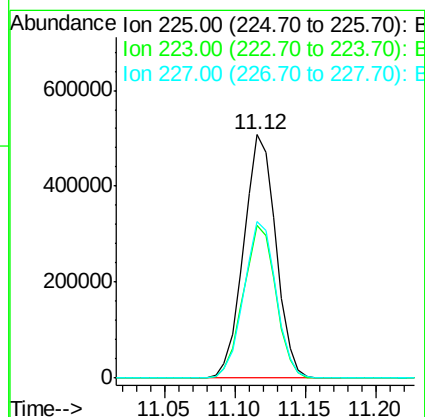
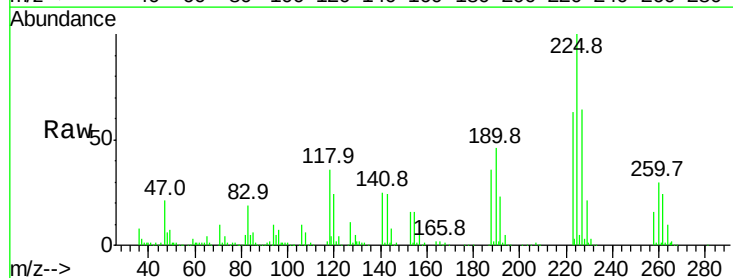
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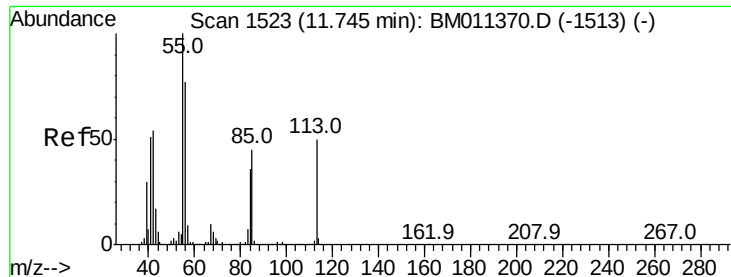
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#34
Hexachlorobutadiene
Concen: 38.636 ng/mL
RT: 11.12 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.9	71.9
227	64.1	50.1	75.1





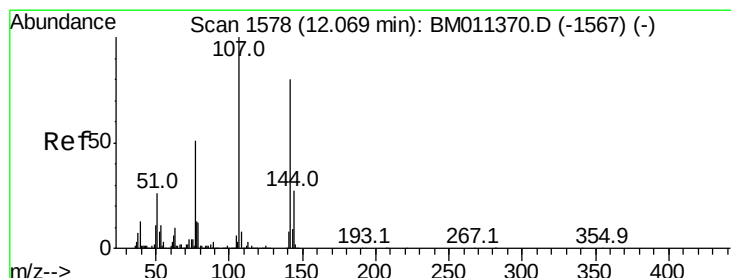
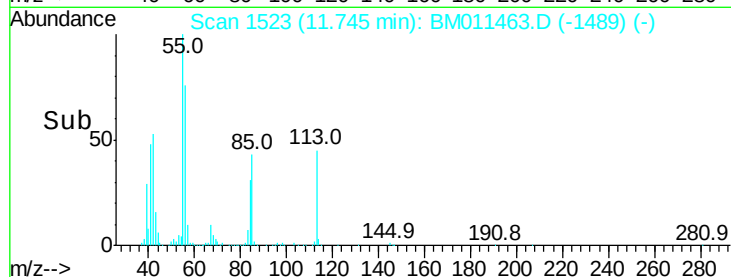
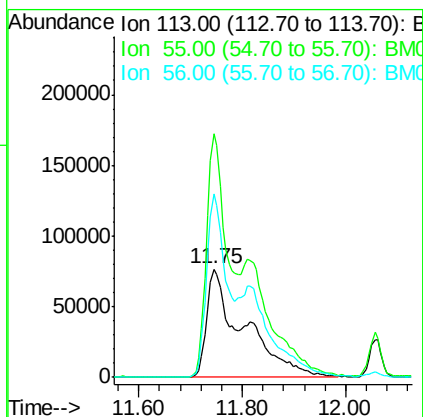
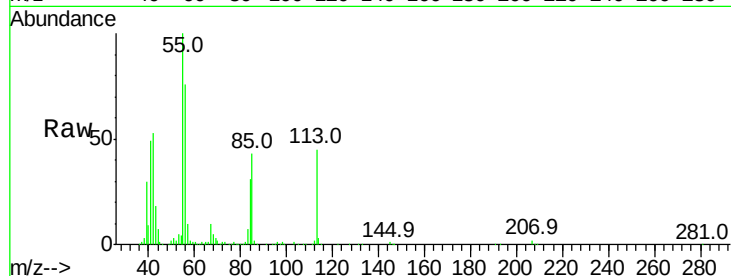
#35
 Caprolactam
 Concen: 31.789 ng/ml
 RT: 11.75 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	224.5	145.9	185.9#
56	169.8	101.0	141.0#

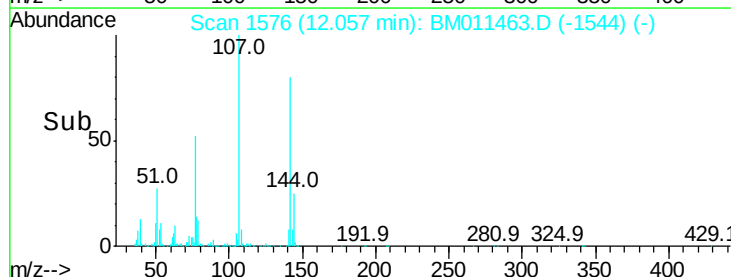
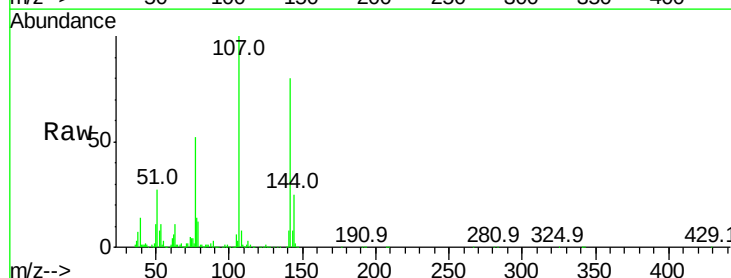
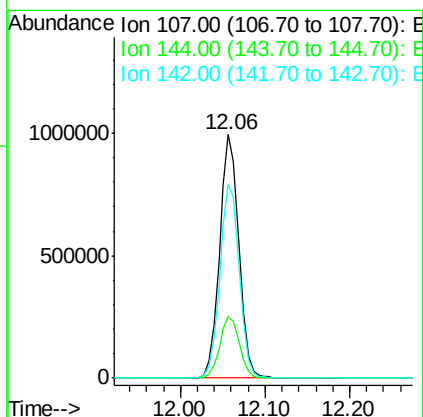
Manual Integrations
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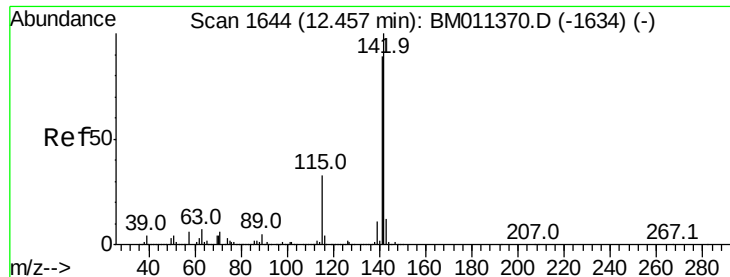
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#36
 4-Chloro-3-methylphenol
 Concen: 40.336 ng/ml
 RT: 12.06 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	23.3	34.9
142	79.6	72.6	109.0





#37

2-Methylnaphthalene

Concen: 42.903 ng

RT: 12.44 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:142 Resp: 3615044

Ion Ratio Lower Upper

142 100

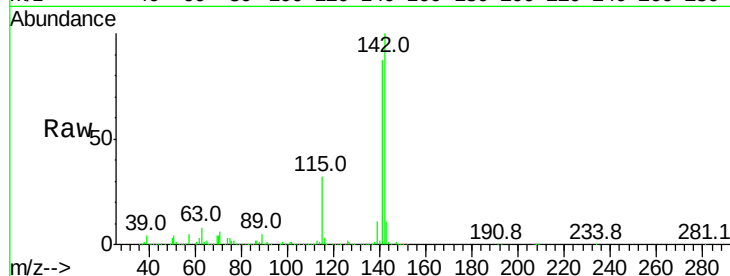
141 87.2 71.9 107.9

115 32.2 25.4 38.0

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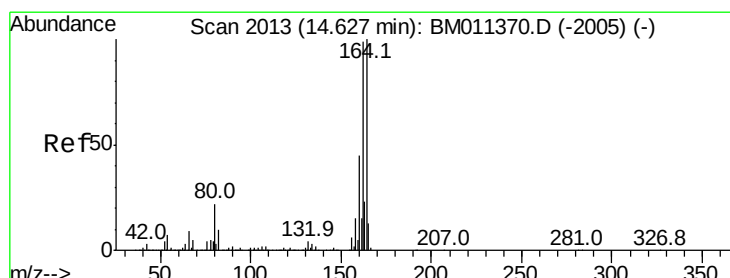
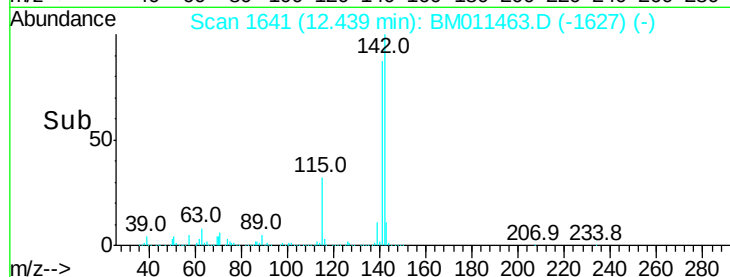
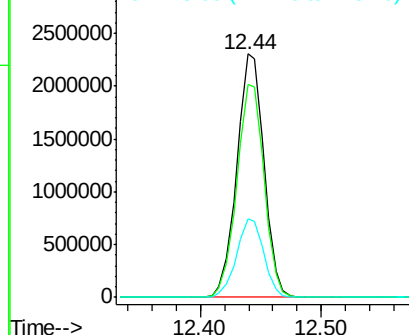


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

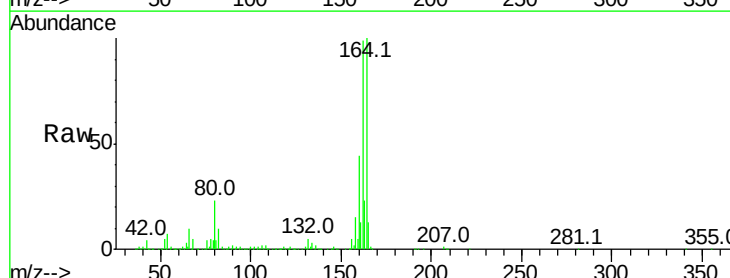
Tgt Ion:164 Resp: 1204197

Ion Ratio Lower Upper

164 100

162 99.1 82.4 123.6

160 43.9 35.8 53.6

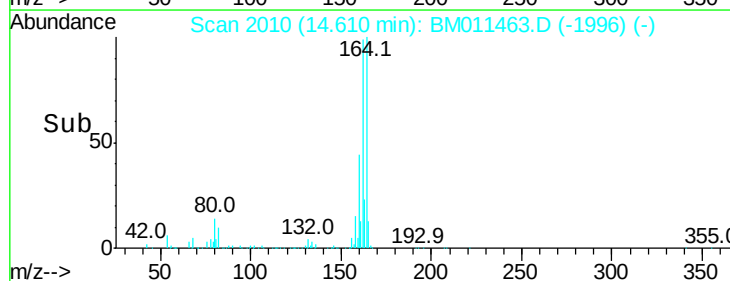
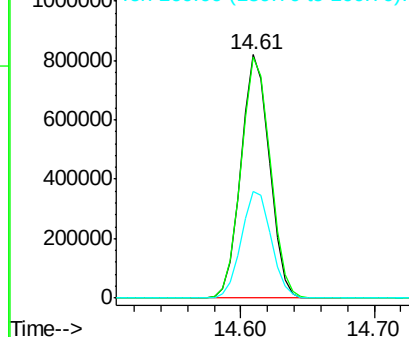


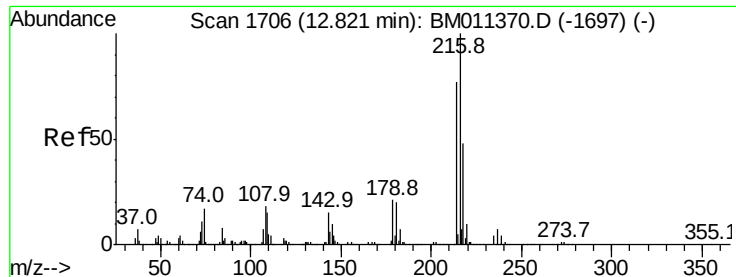
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.513 ng

RT: 12.80 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:216 Resp: 1576846

Ion Ratio Lower Upper

216 100

214 78.6 0.0 0.0#

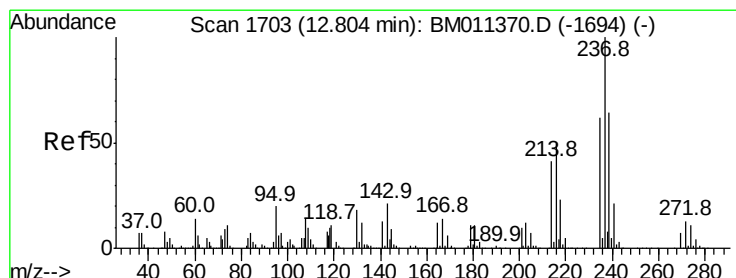
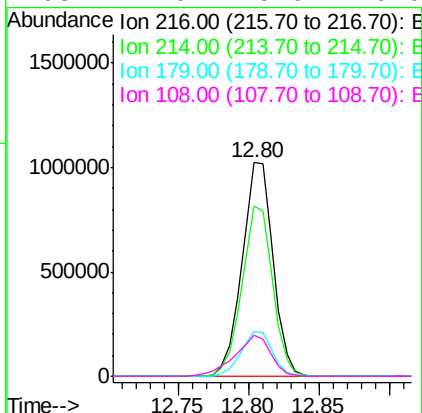
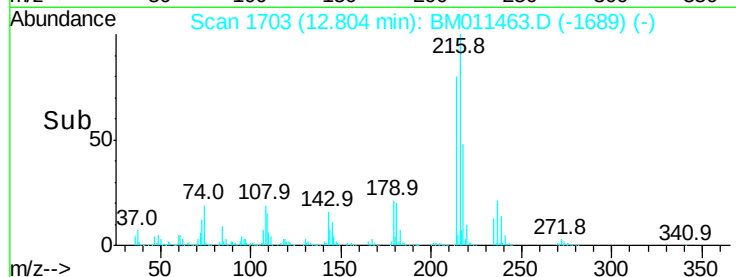
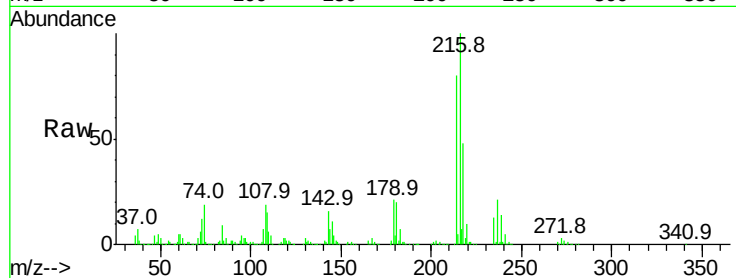
179 21.0 0.0 0.0#

108 21.9 0.0 0.0#

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#40

Hexachlorocyclopentadiene

Concen: 111.613 ng

RT: 12.79 min Scan# 1700

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

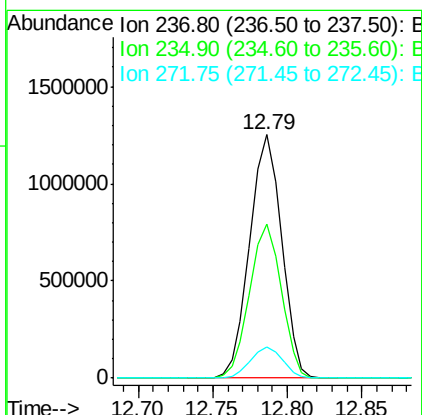
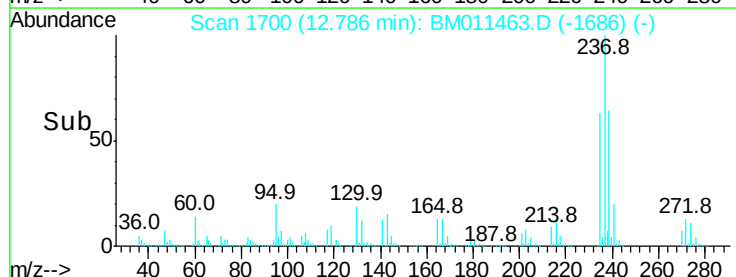
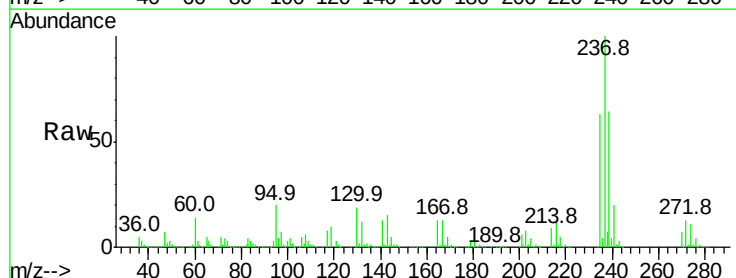
Tgt Ion:237 Resp: 1854162

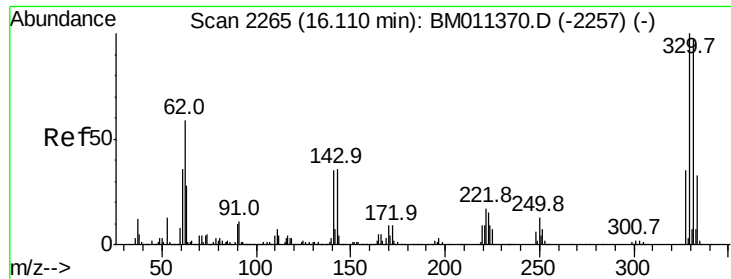
Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

272 12.7 0.0 33.4





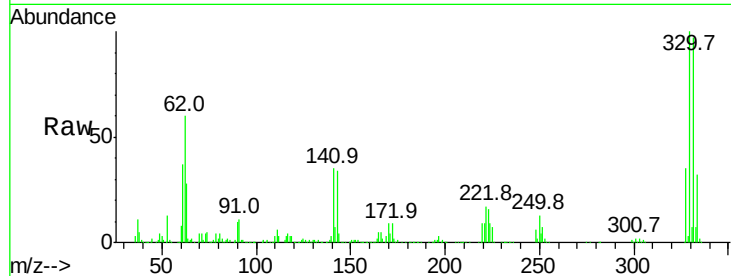
#41
 2,4,6-Tribromophenol
 Concen: 147.121 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	2049691		
332	97.2	0.0	0.0	0.0
141	38.5	0.0	0.0	0.0

Manual Integrations
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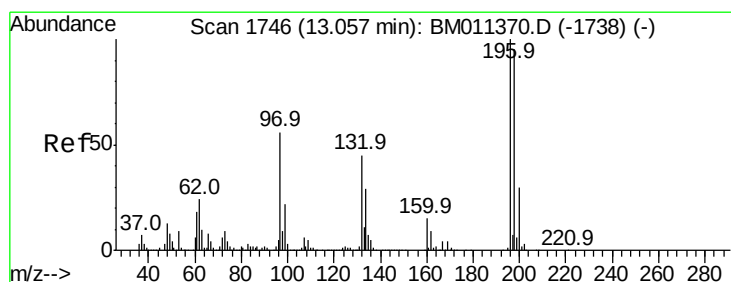
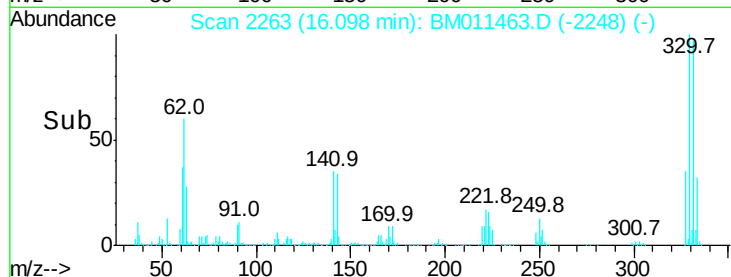
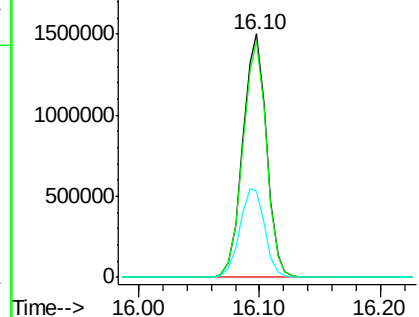


Abundance

Ion 329.80 (329.50 to 330.50): E

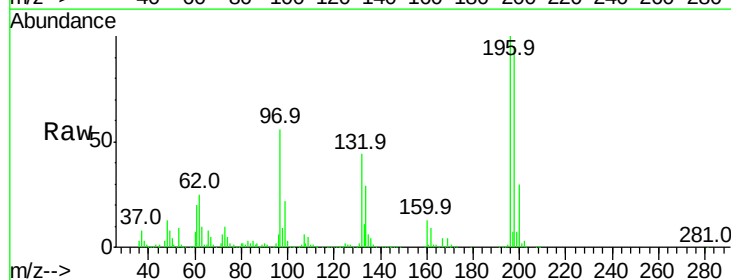
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.056 ng
 RT: 13.04 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1080810		
198	95.5	76.3	114.5	
200	30.4	25.6	38.4	

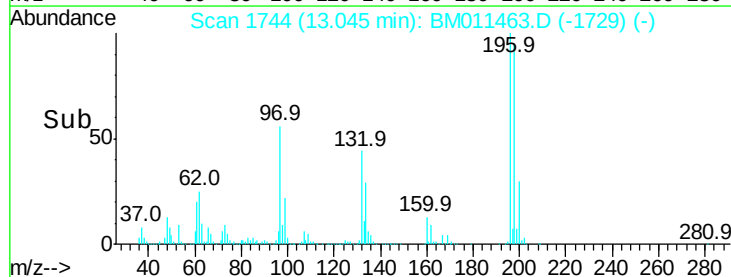
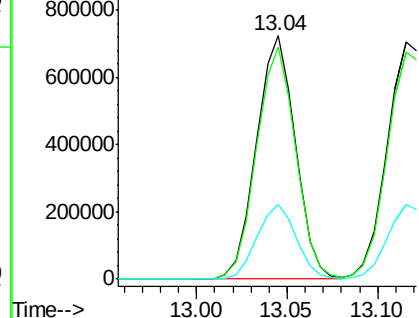


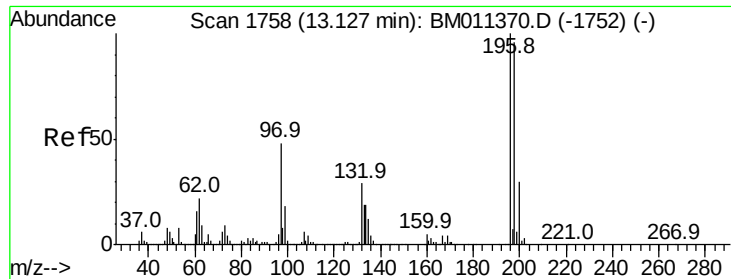
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





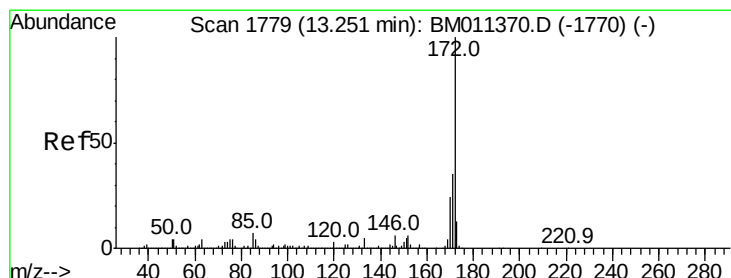
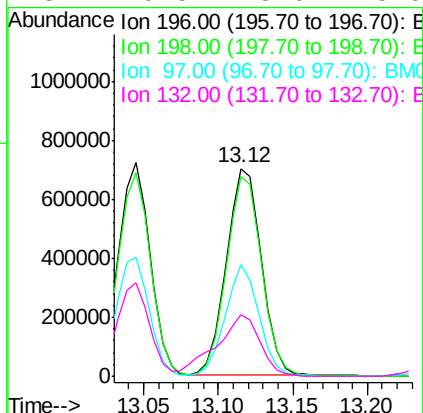
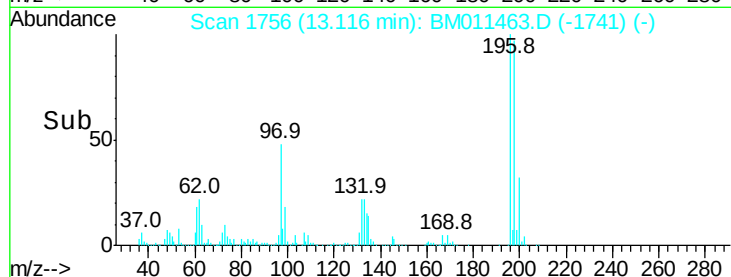
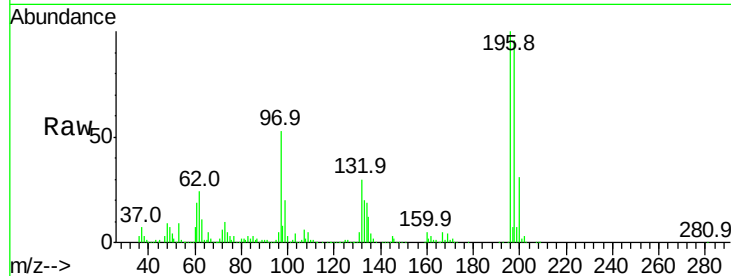
#43
 2,4,5-Trichlorophenol
 Concen: 47.468 ng
 RT: 13.12 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	1156425		
198	95.9	79.4	119.0	
97	53.4	26.8	40.2#	
132	29.5	18.6	28.0#	

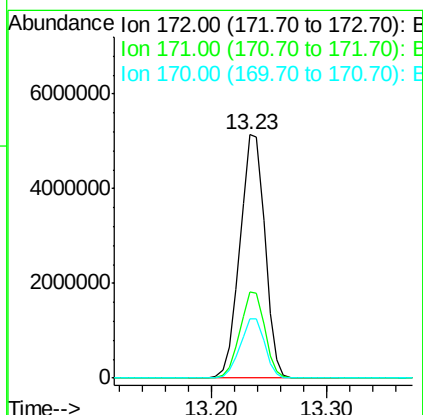
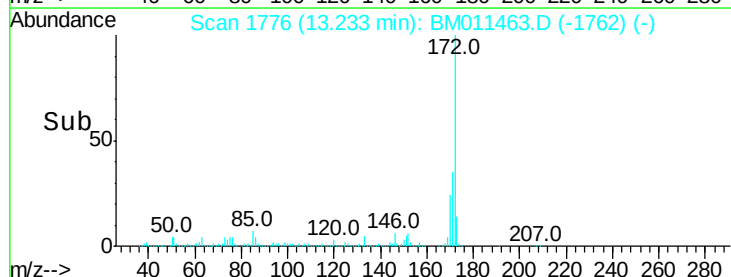
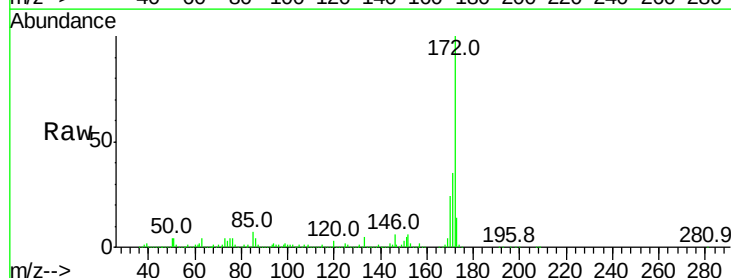
Manual Integrations
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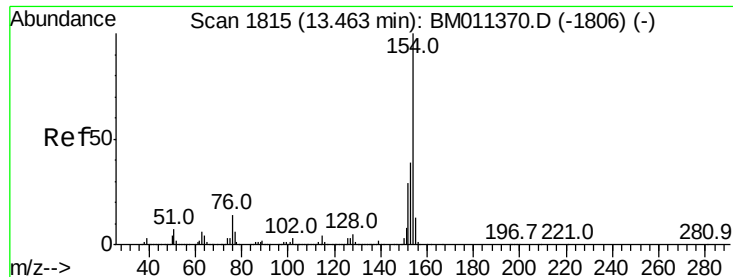
Sohil
 9/8/2017 3:38:24 PM



#44
 2-Fluorobiphenyl
 Concen: 92.255 ng
 RT: 13.23 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	7706891		
171	35.2	28.5	42.7	
170	24.3	18.8	28.2	





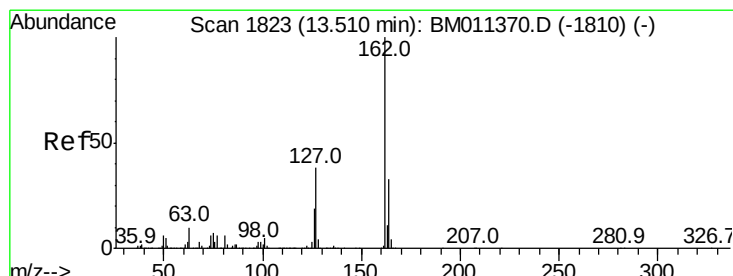
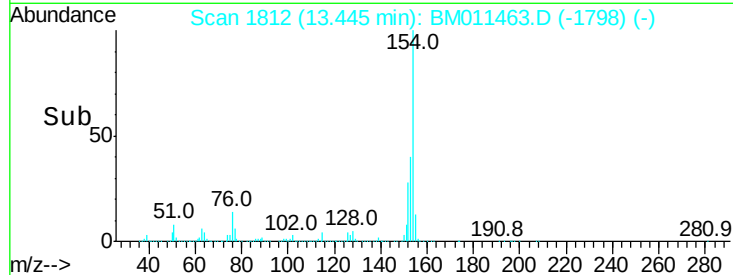
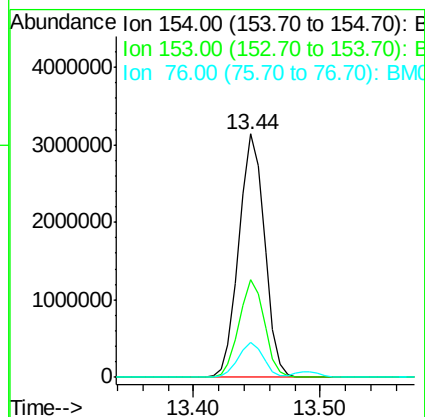
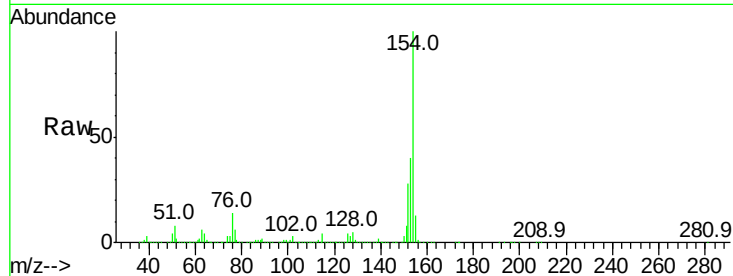
#45
 1,1'-Biphenyl
 Concen: 41.097 ng
 RT: 13.44 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion:	154	Resp:	4393538
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	14.1	0.0	30.9

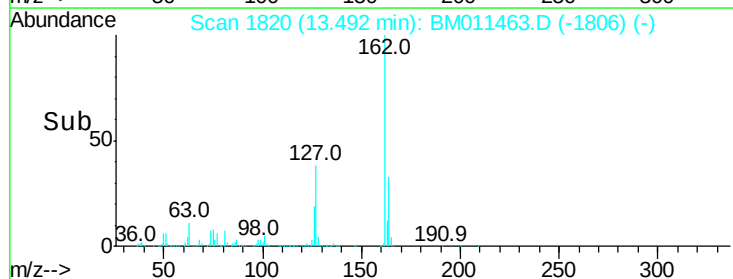
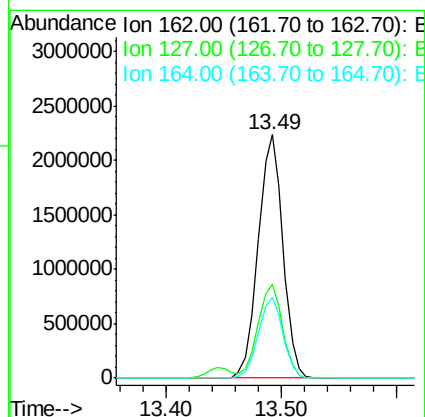
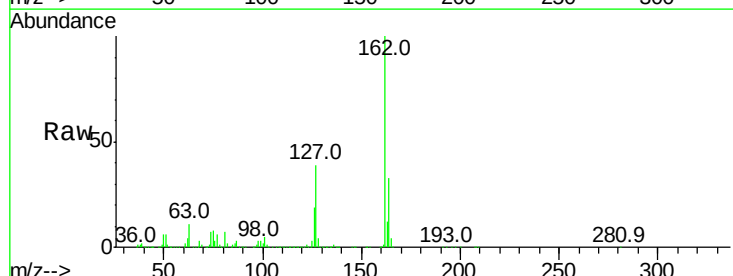
Manual Integrations
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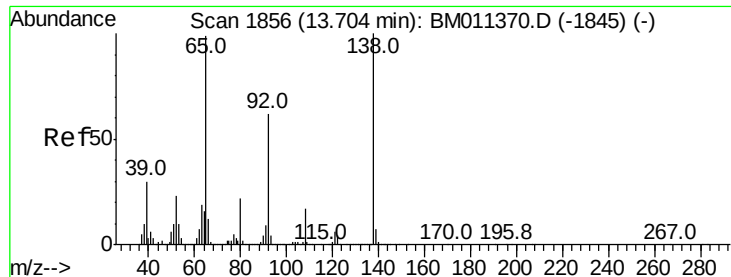
Sohil
 9/8/2017 3:38:24 PM



#46
 2-Chloronaphthalene
 Concen: 41.983 ng
 RT: 13.49 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion:	162	Resp:	3334078
Ion	Ratio	Lower	Upper
162	100		
127	38.5	26.9	40.3
164	33.0	26.8	40.2





#47

2-Nitroaniline

Concen: 46.835 ng

RT: 13.69 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion: 65 Resp: 1176376

Ion Ratio Lower Upper

65 100

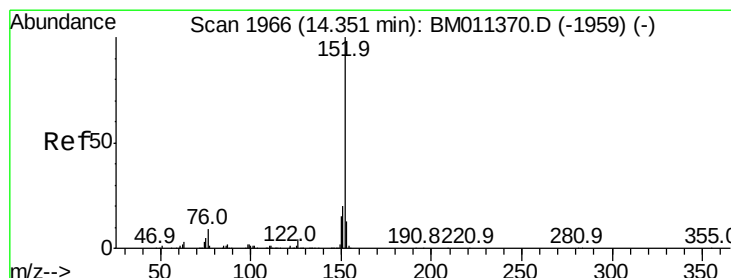
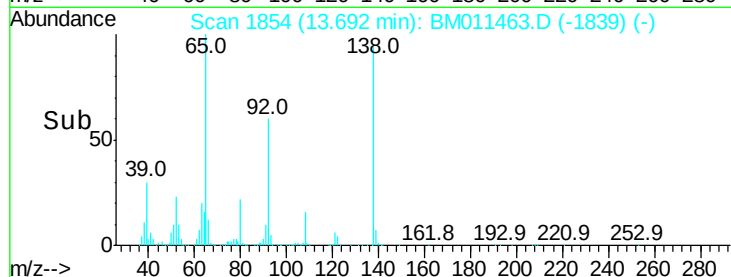
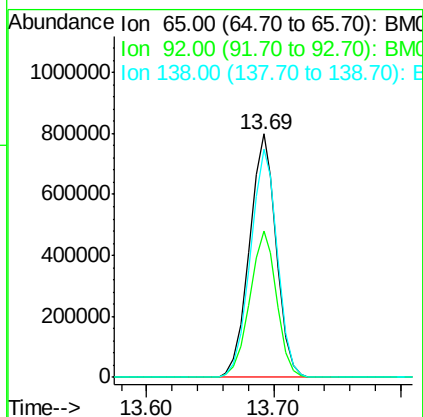
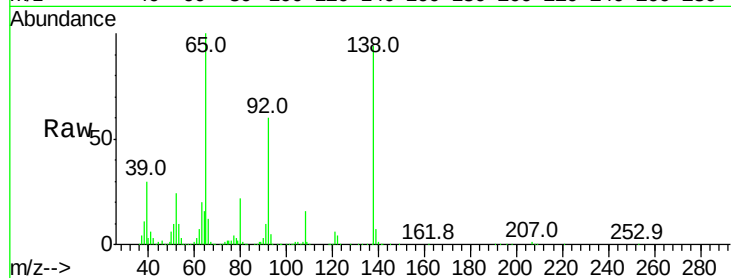
92 60.4 59.1 88.7

138 93.7 93.9 140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 43.249 ng

RT: 14.33 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

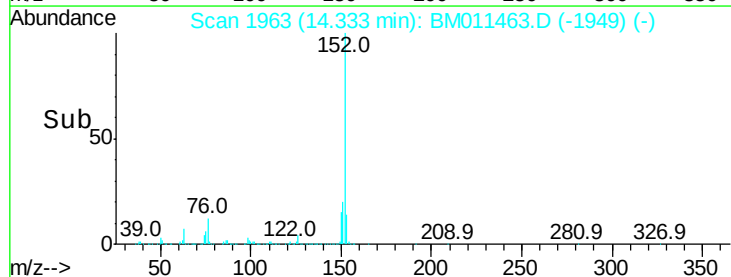
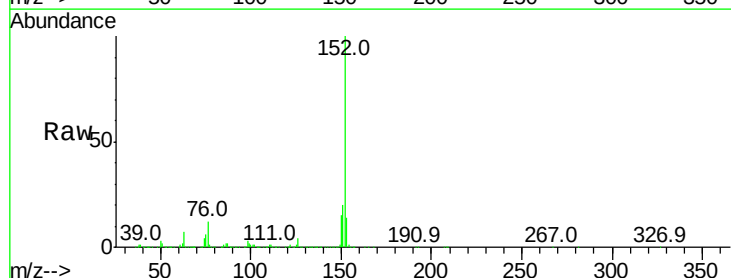
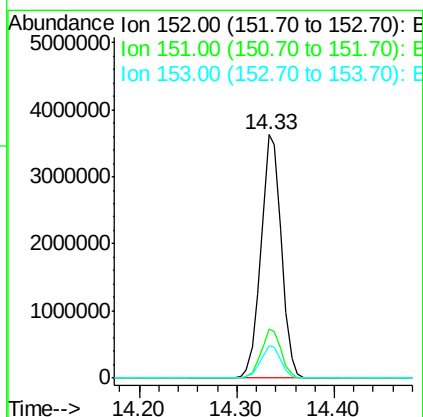
Tgt Ion: 152 Resp: 5351642

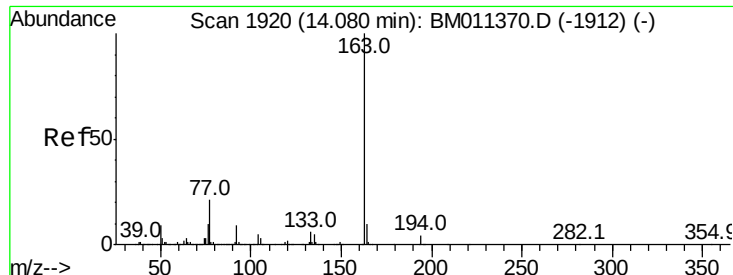
Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.5 10.6 16.0





#49

Dimethylphthalate

Concen: 42.948 ng

RT: 14.06 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:163 Resp: 4109455

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

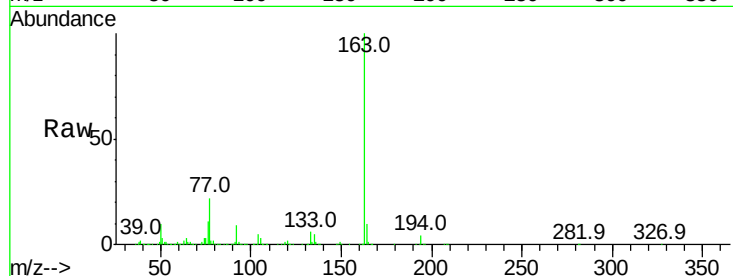
164 10.0 8.2 12.2

Manual Integrations

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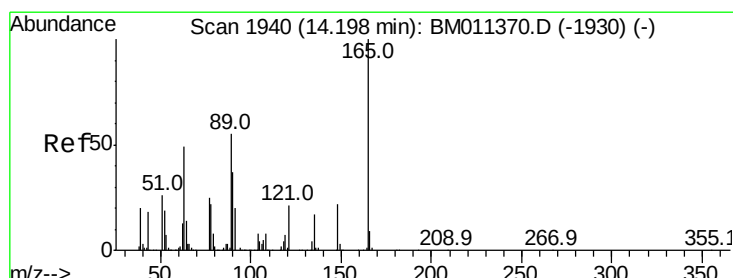
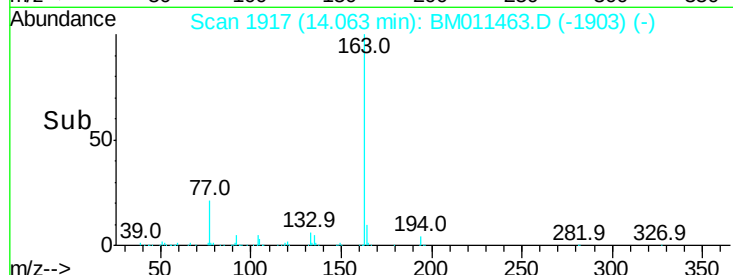
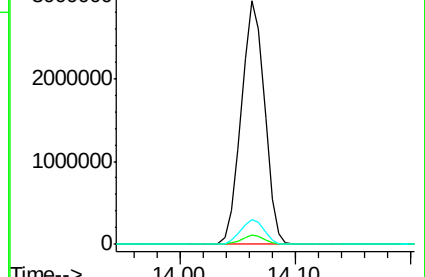
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.876 ng

RT: 14.18 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

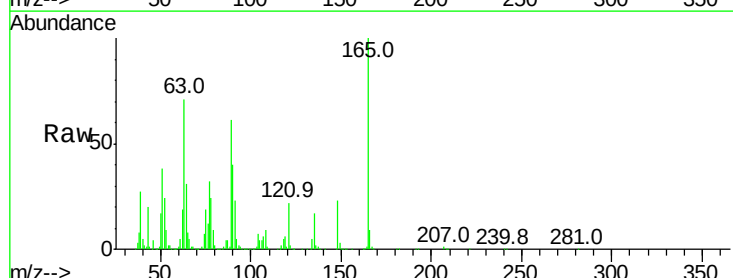
Tgt Ion:165 Resp: 849289

Ion Ratio Lower Upper

165 100

63 70.9 44.1 66.1#

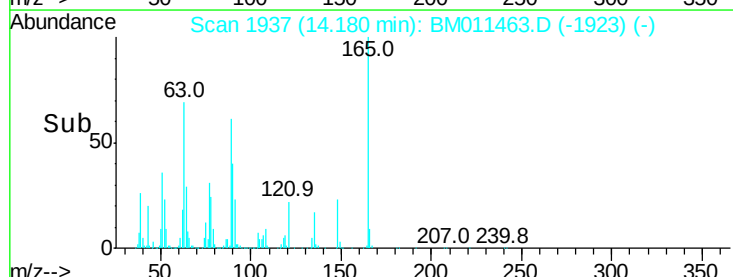
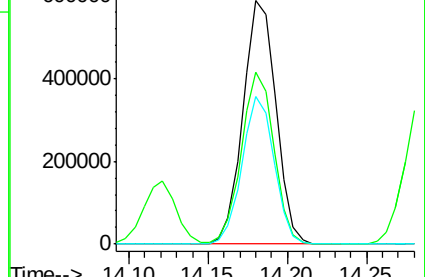
89 60.8 44.3 66.5

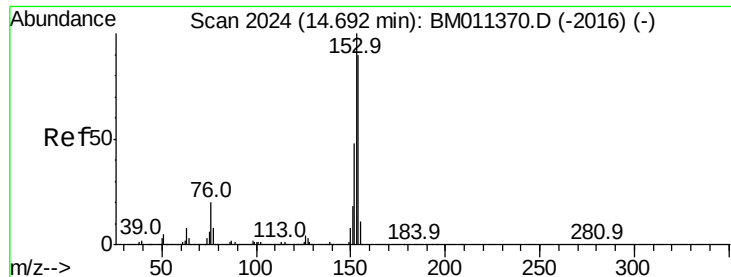


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





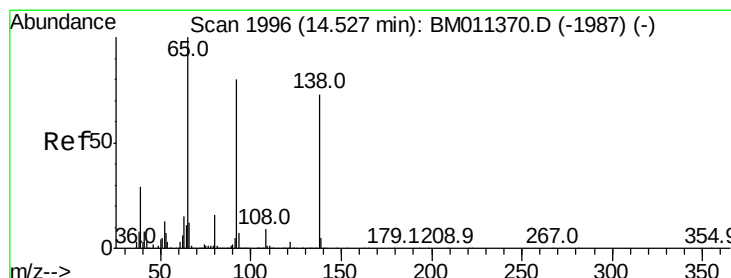
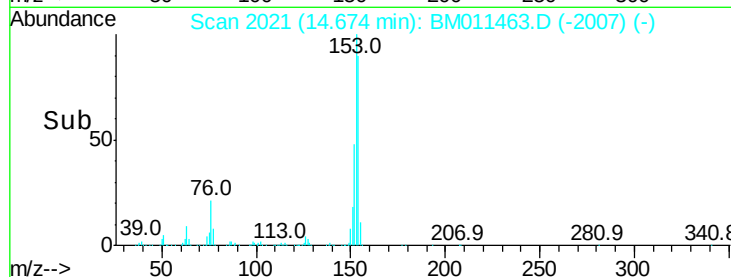
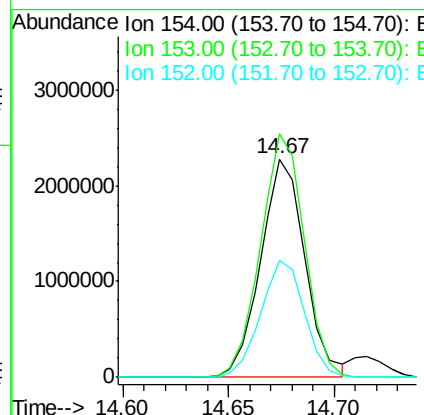
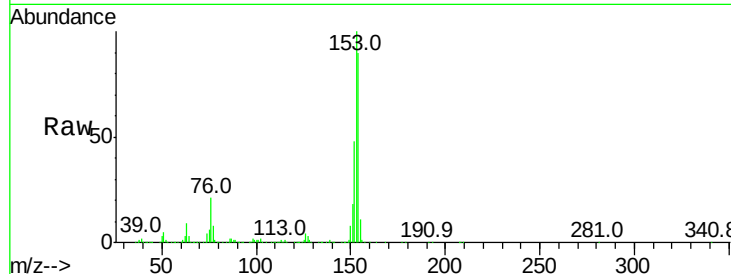
#51
Acenaphthene
Concen: 41.381 ng
RT: 14.67 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.0	135.0
152	53.7	42.6	63.8

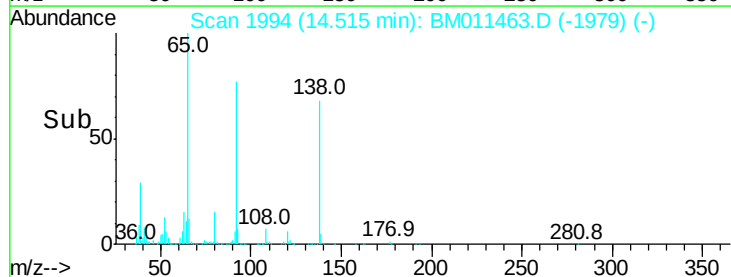
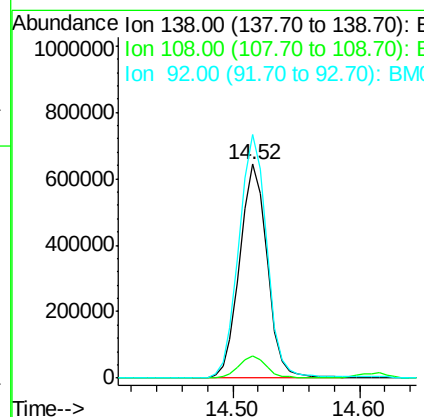
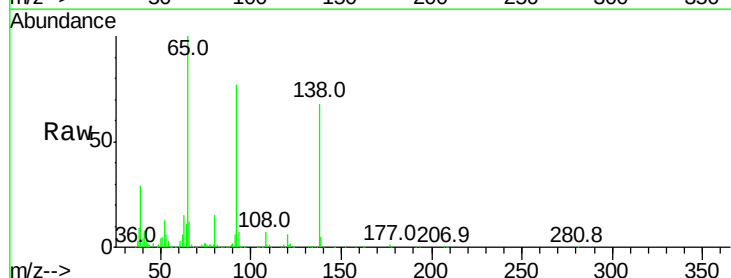
Manual Integrations
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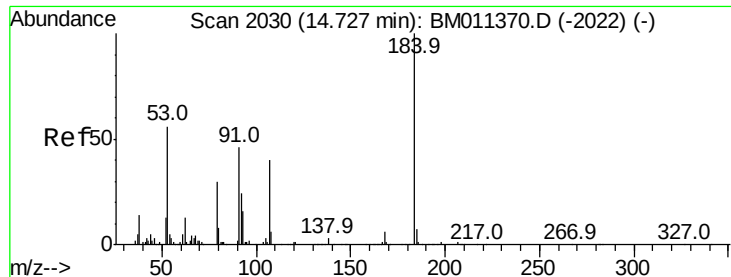
Sohil
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#52
3-Nitroaniline
Concen: 41.377 ng
RT: 14.52 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.3	10.9
92	113.8	76.6	114.8





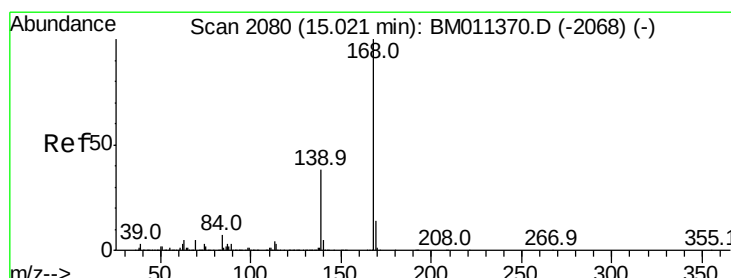
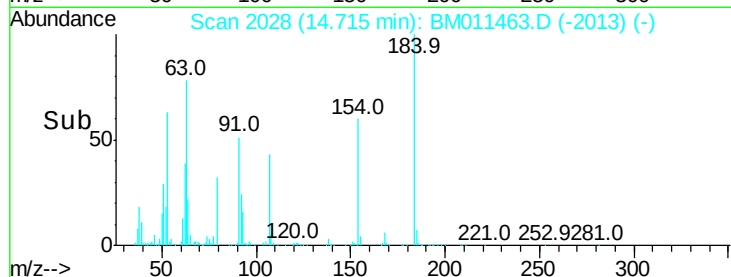
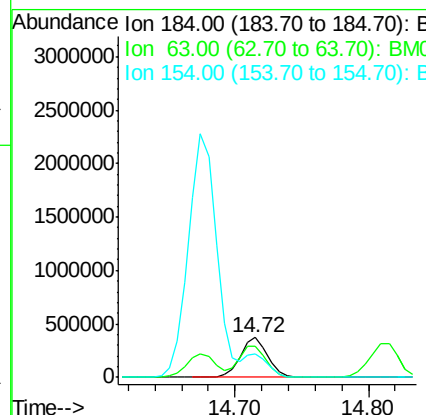
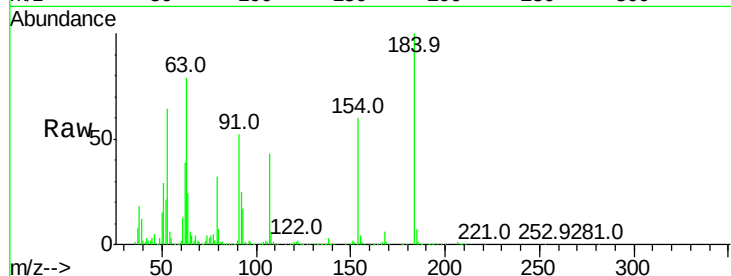
#53
 2,4-Dinitrophenol
 Concen: 69.357 ng
 RT: 14.72 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.6	69.2	103.8
154	60.1	53.3	79.9

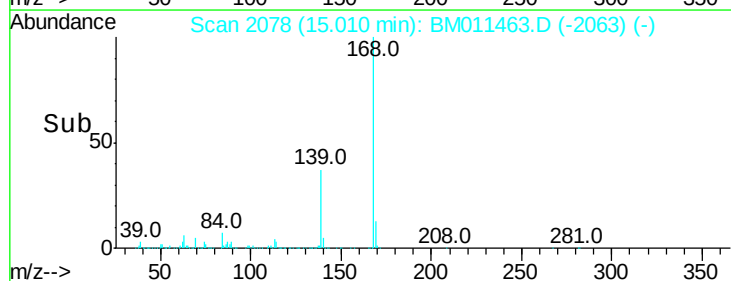
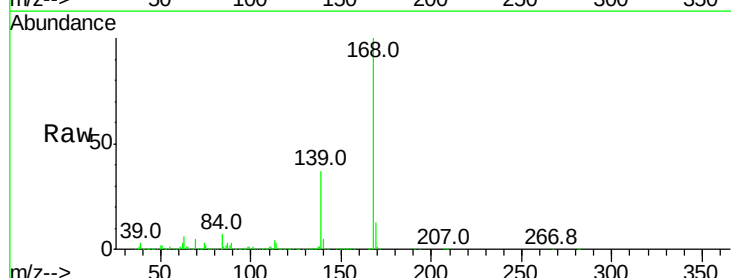
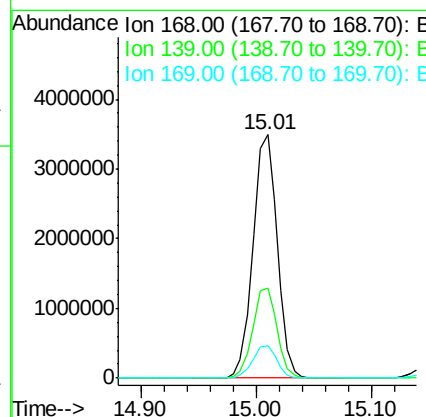
Manual Integrations
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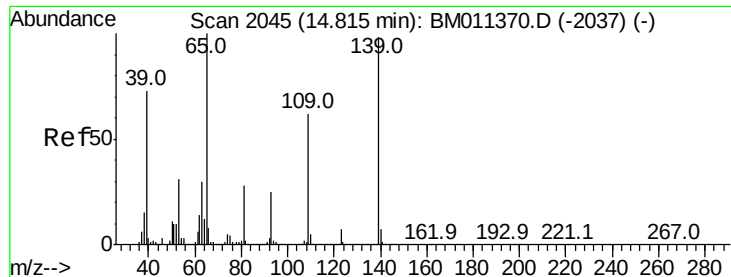
Sohil
 9/8/2017 3:38:24 PM



#54
 Dibenzofuran
 Concen: 45.995 ng
 RT: 15.01 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	27.3	40.9
169	13.5	10.6	16.0





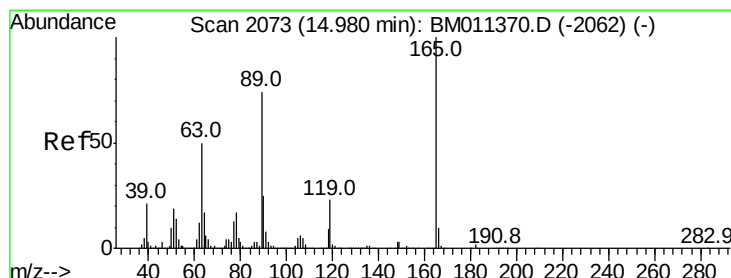
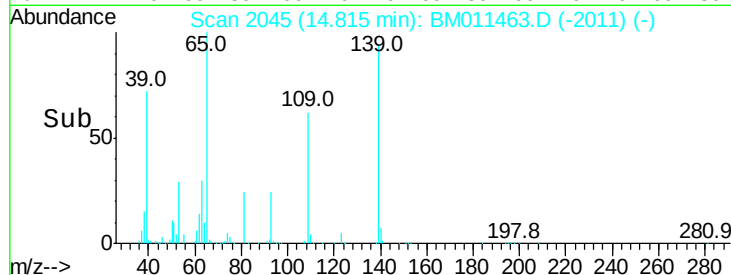
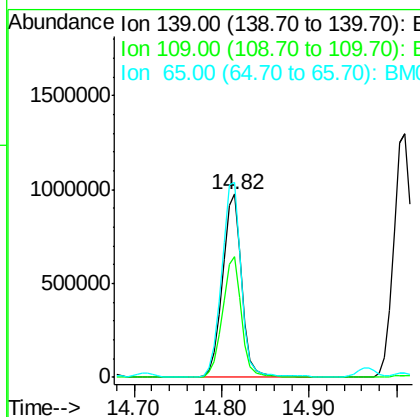
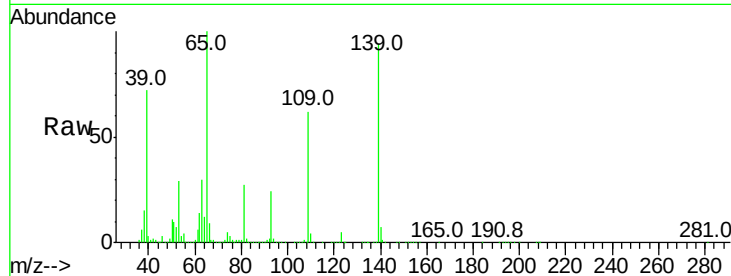
#55
4-Nitrophenol
Concen: 81.538 ng
RT: 14.82 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.7	130.0	170.0#
65	106.6	130.0	170.0#

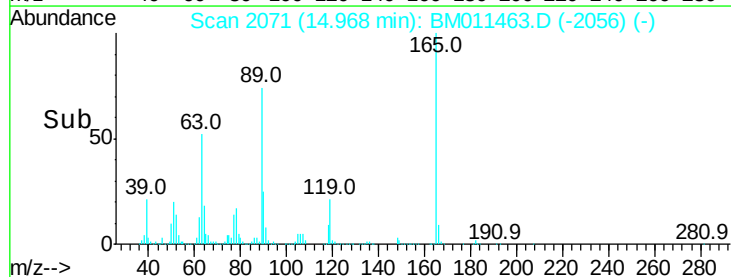
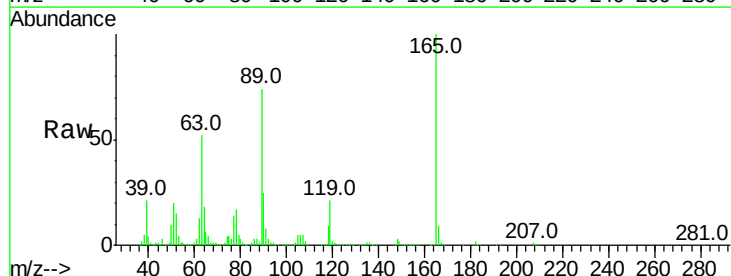
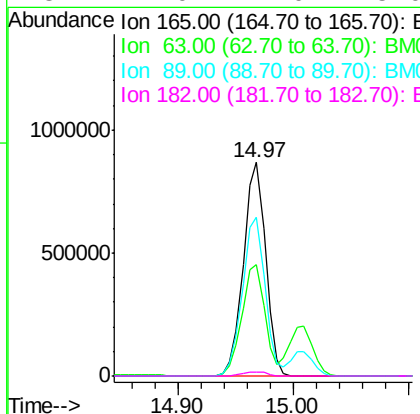
Manual Integrations
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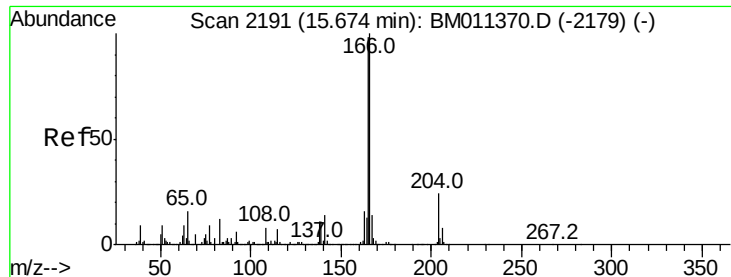
Sohil
9/8/2017 3:38:24 PM



#56
2,4-Dinitrotoluene
Concen: 45.676 ng
RT: 14.97 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	52.4	78.6#
89	74.1	72.4	108.6
182	2.0	2.0	3.0#





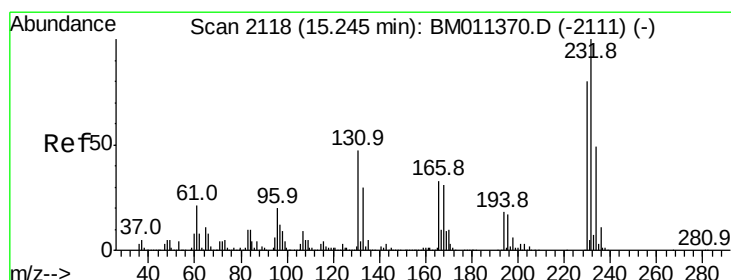
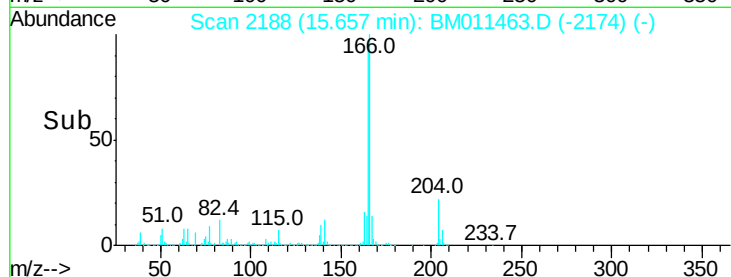
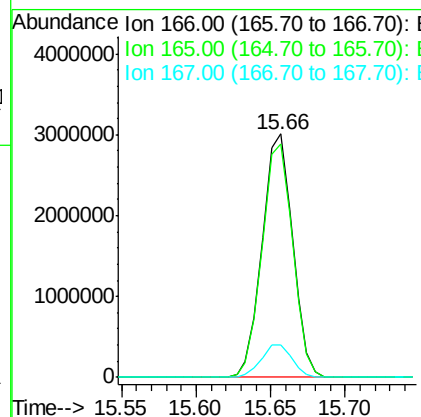
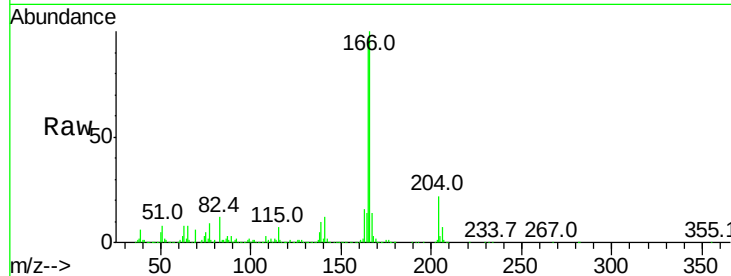
#57
 Fluorene
 Concen: 43.759 ng
 RT: 15.66 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.0	118.4
167	13.6	10.3	15.5

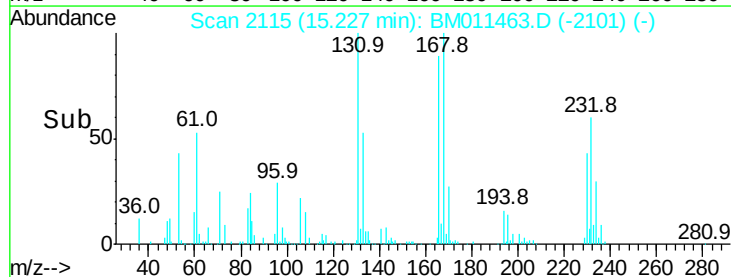
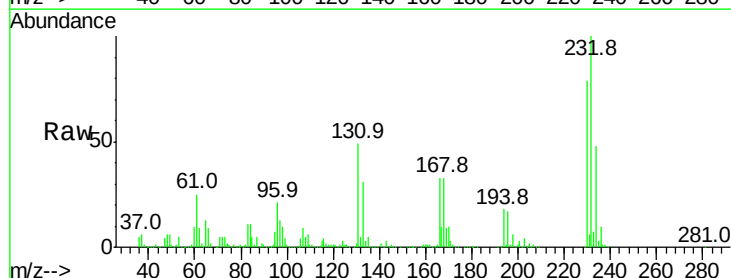
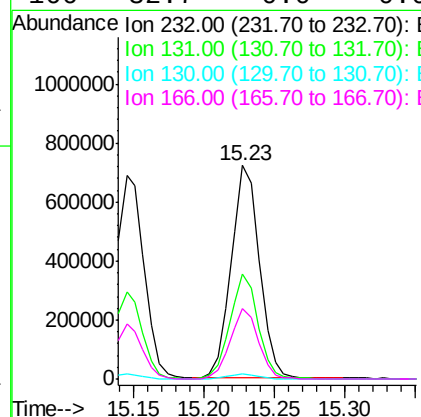
Manual Integrations
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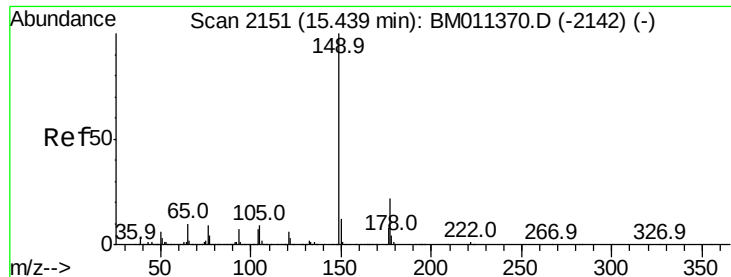
Sohil
 9/8/2017 3:38:24 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.101 ng
 RT: 15.23 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.3	0.0	0.0#
130	2.5	0.0	0.0#
166	32.7	0.0	0.0#





#59

Diethylphthalate

Concen: 42.801 ng

RT: 15.42 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:149 Resp: 4219632

Ion Ratio Lower Upper

149 100

177 21.8 18.3 27.5

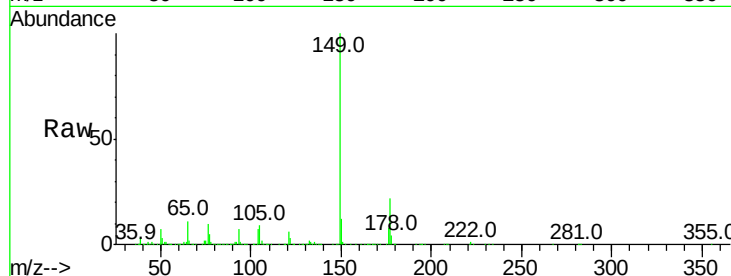
150 12.2 9.8 14.8

Manual Integrations

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Sohil

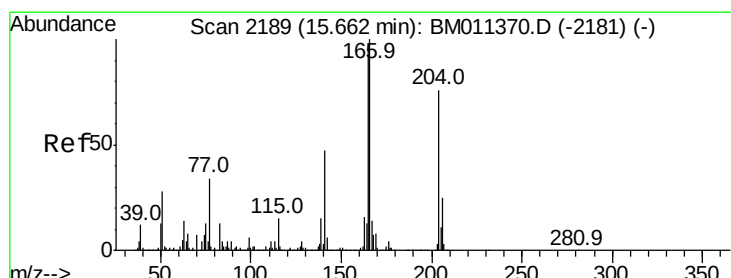
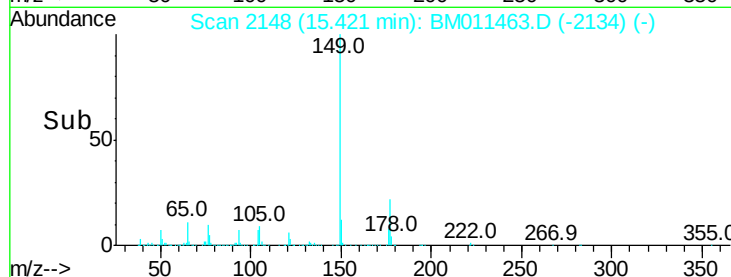
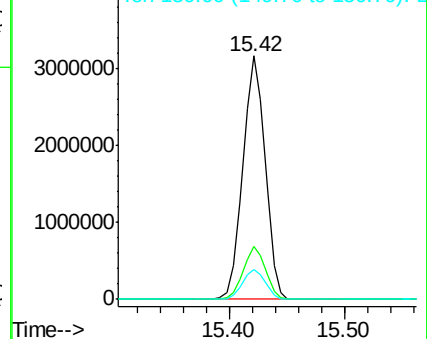
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.831 ng

RT: 15.64 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

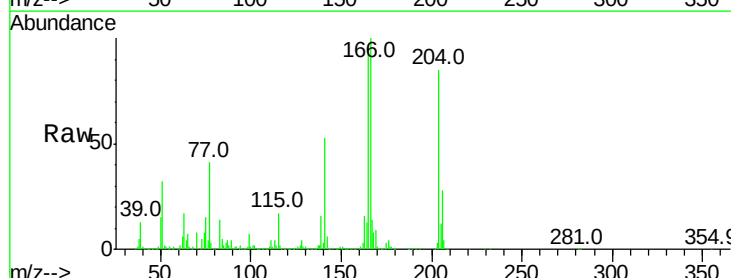
Tgt Ion:204 Resp: 1974780

Ion Ratio Lower Upper

204 100

206 33.3 26.6 39.8

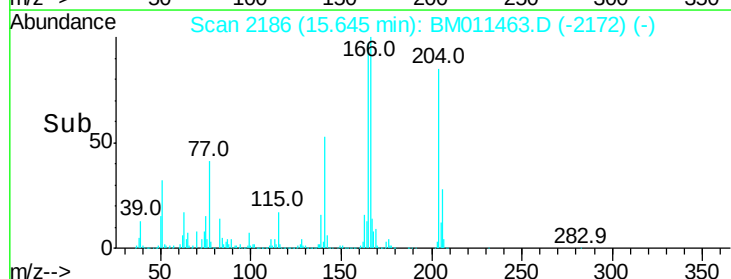
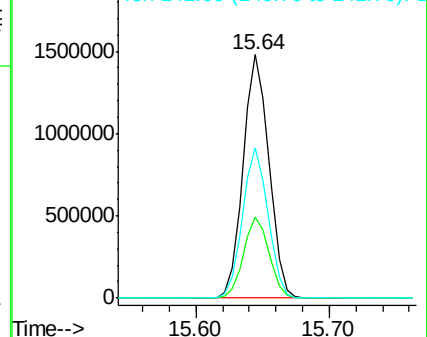
141 61.8 45.2 67.8

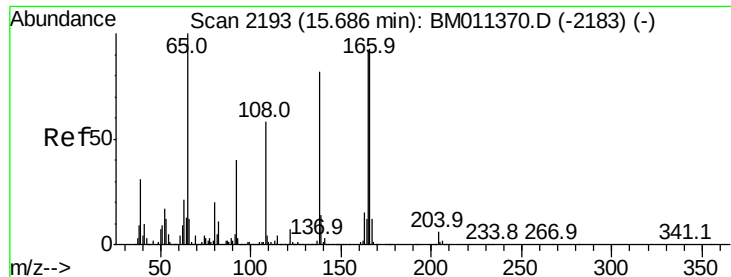


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





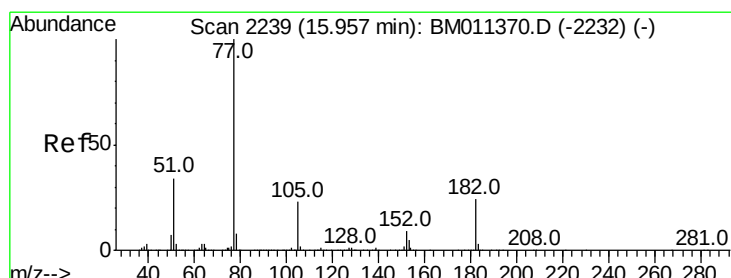
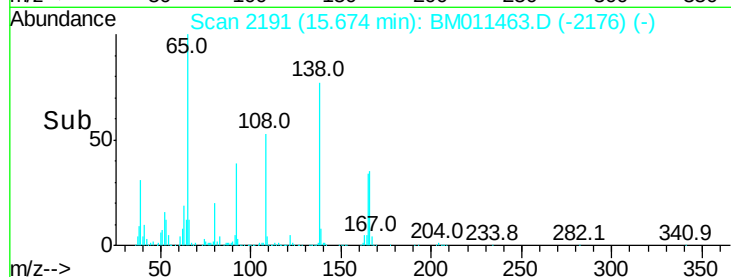
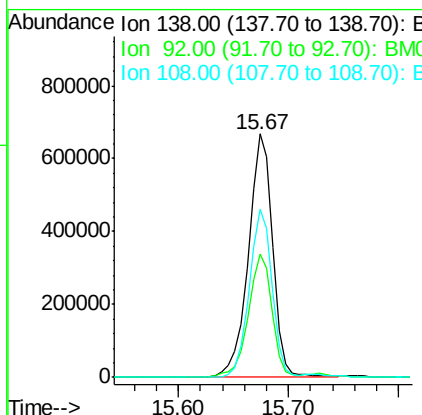
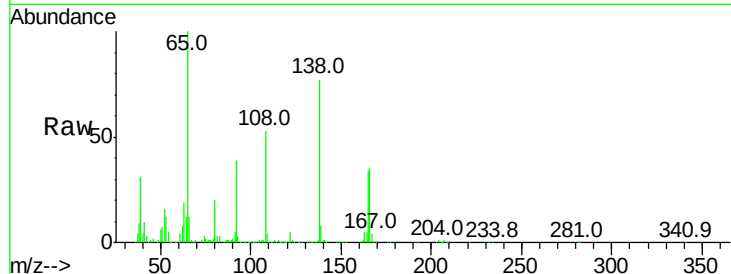
#61
4-Nitroaniline
Concen: 42.244 ng
RT: 15.67 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion:138 Resp: 1033419
Ion Ratio Lower Upper
138 100
92 50.7 16.7 56.7
108 69.2 37.6 77.6

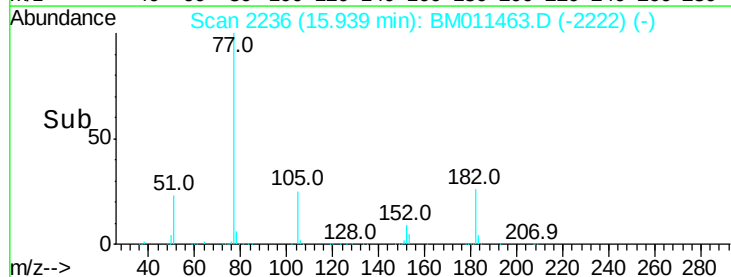
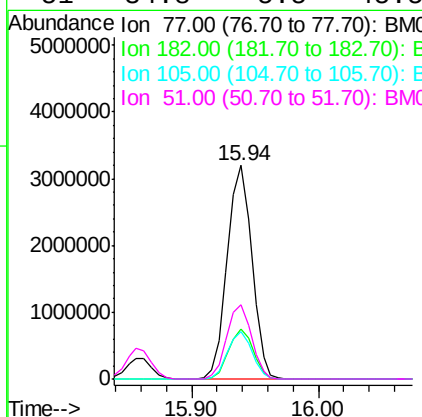
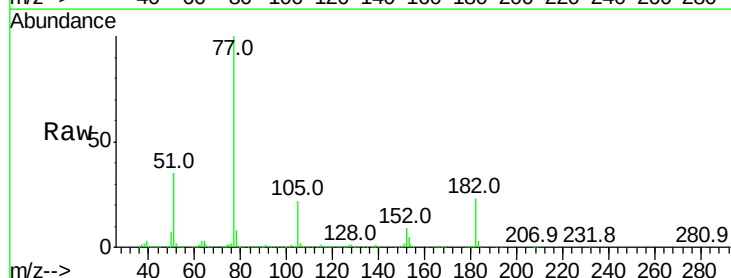
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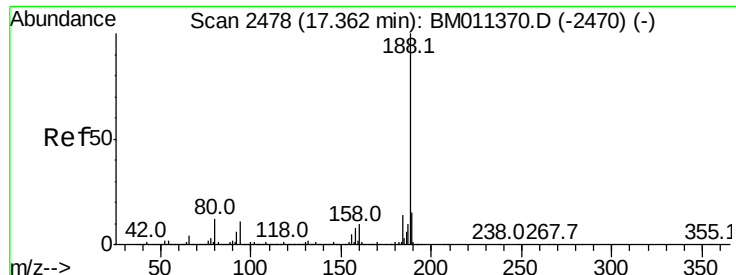
Sohil
9/8/2017 3:38:24 PM



#62
Azobenzene
Concen: 48.409 ng
RT: 15.94 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion: 77 Resp: 4301137
Ion Ratio Lower Upper
77 100
182 23.2 6.5 46.5
105 22.3 3.8 43.8
51 34.8 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: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

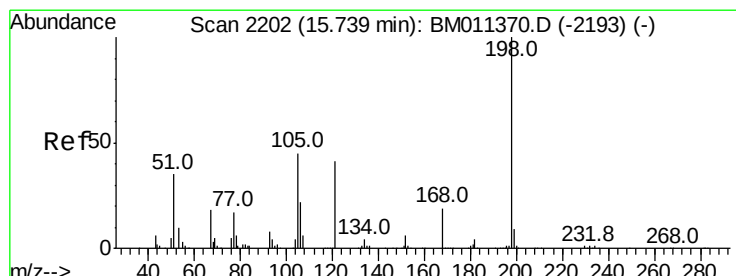
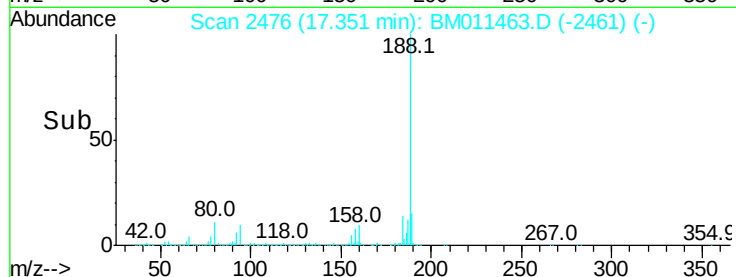
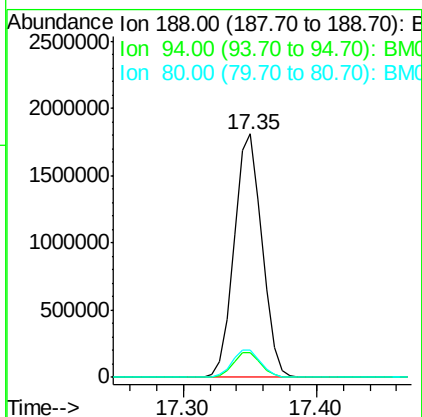
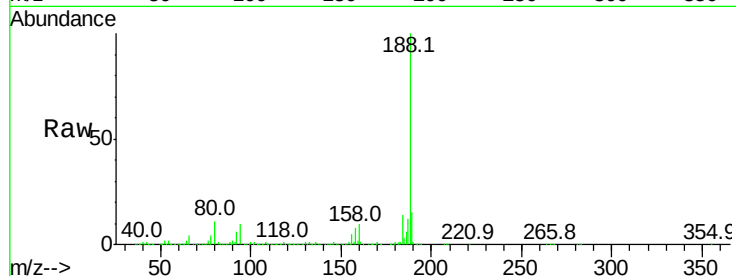
ClientSampleId :

OK-02-090517MSD

Tot Ion:	188	Resp:	2608762
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.7	13.1
80	11.1	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.264 ng

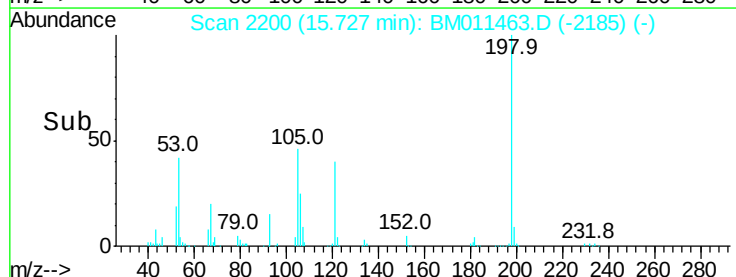
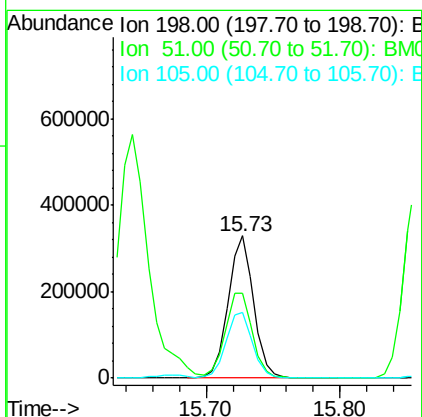
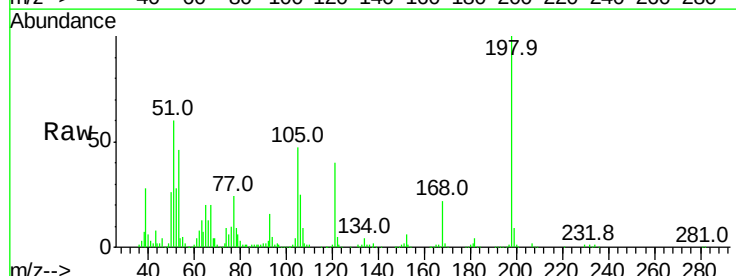
RT: 15.73 min Scan# 2200

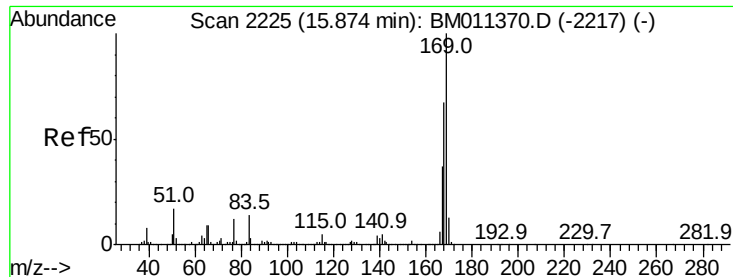
Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Tgt Ion:	198	Resp:	436888
Ion Ratio	Lower	Upper	
198	100		
51	60.1	28.8	68.8
105	46.5	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 43.544 ng

RT: 15.86 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:169 Resp: 3579510

Ion Ratio Lower Upper

169 100

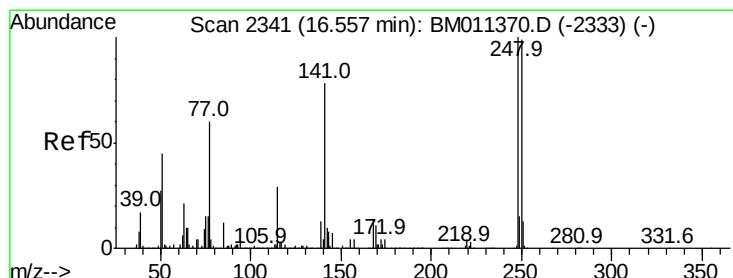
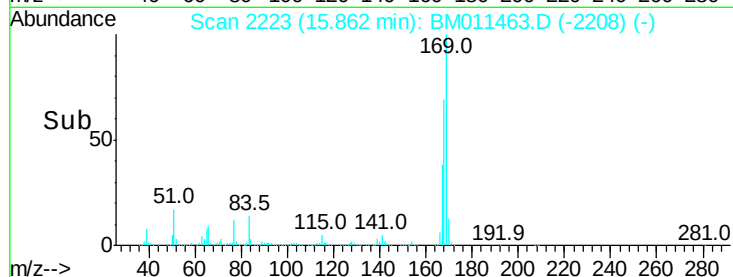
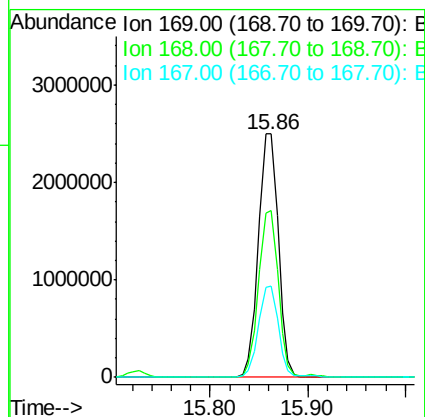
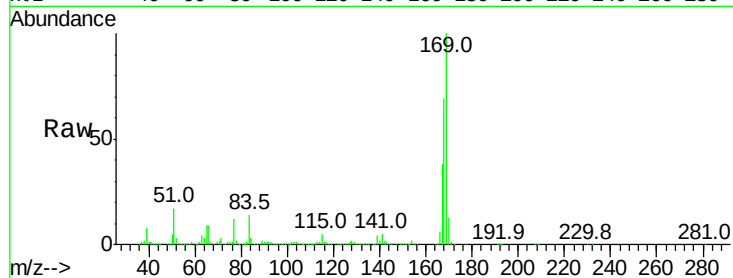
168 68.8 53.9 80.9

167 37.5 28.9 43.3

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#66

4-Bromophenyl-phenylether

Concen: 43.492 ng

RT: 16.54 min Scan# 2338

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

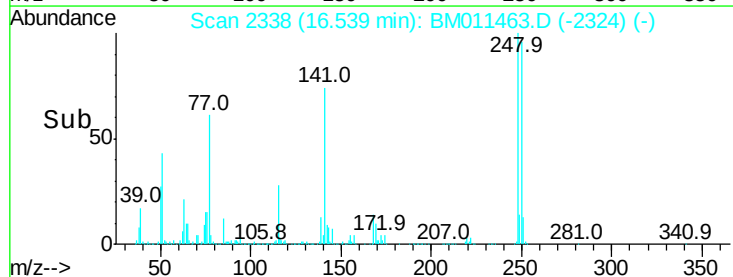
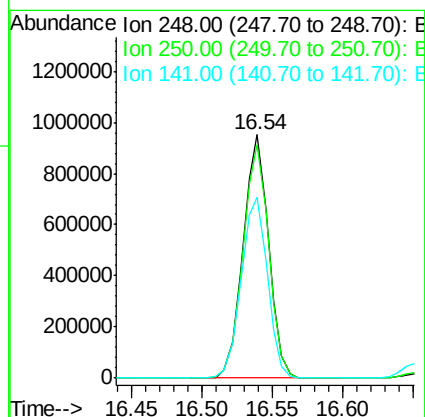
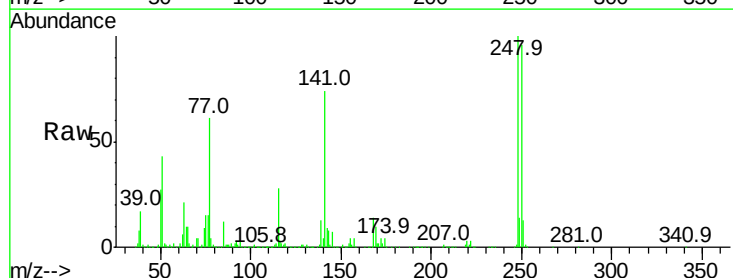
Tgt Ion:248 Resp: 1193442

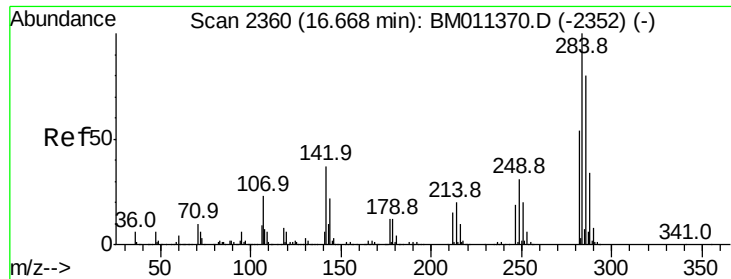
Ion Ratio Lower Upper

248 100

250 96.0 77.4 116.0

141 74.2 45.2 67.8#





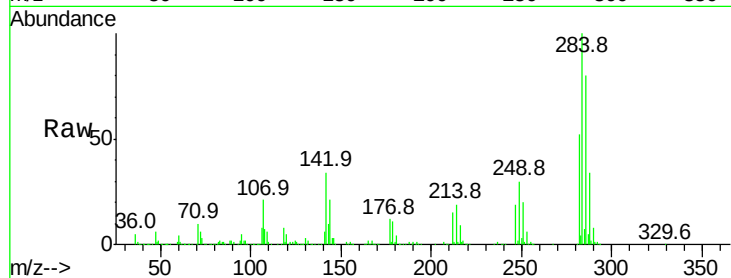
#67
Hexachlorobenzene
Concen: 39.843 ng
RT: 16.66 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

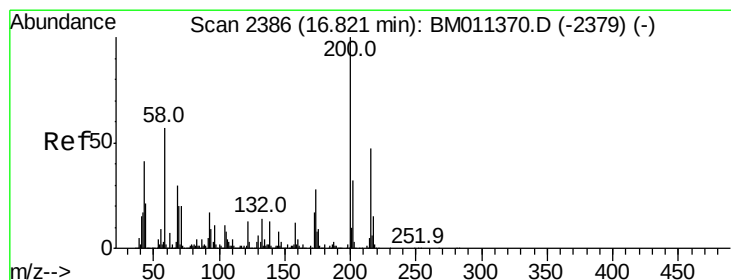
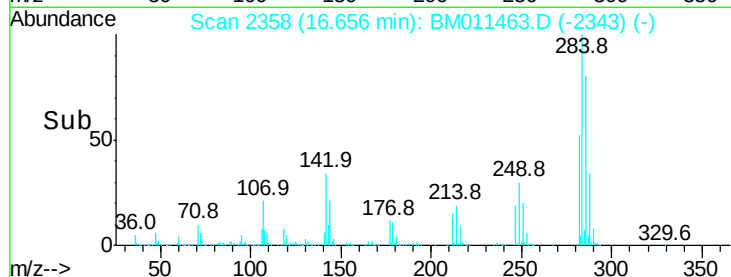
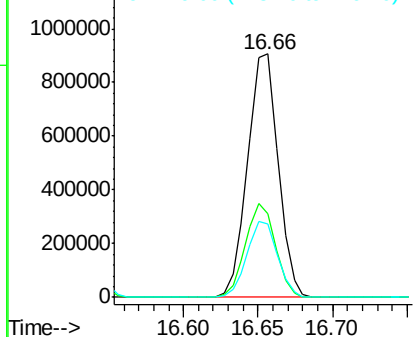
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.1	20.4	30.6#
249	30.2	23.8	35.6

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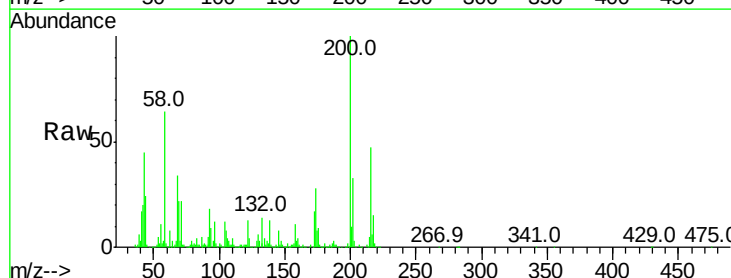


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

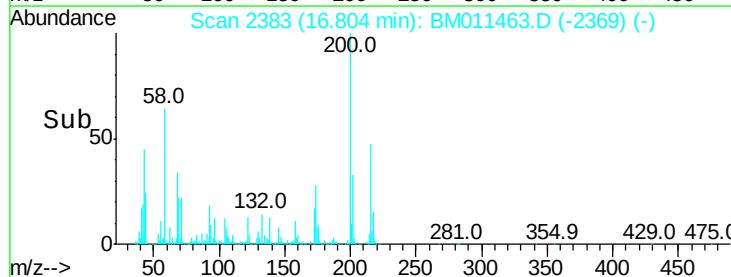
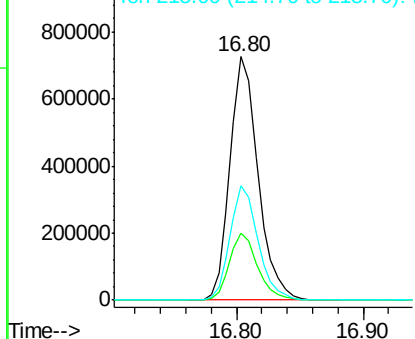


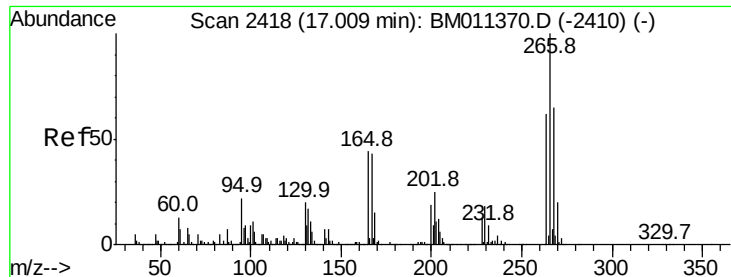
#68
Atrazine
Concen: 46.078 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	4.8	44.8
215	47.0	26.9	66.9



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





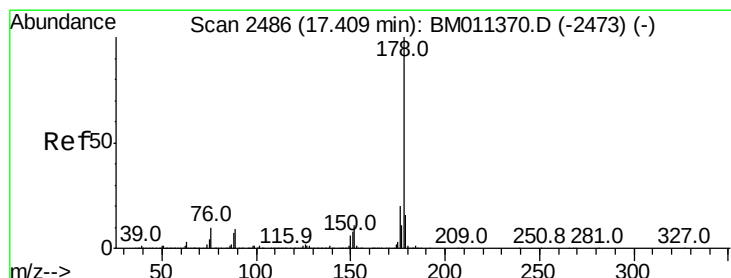
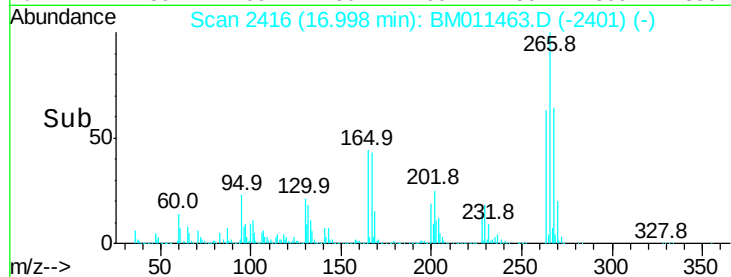
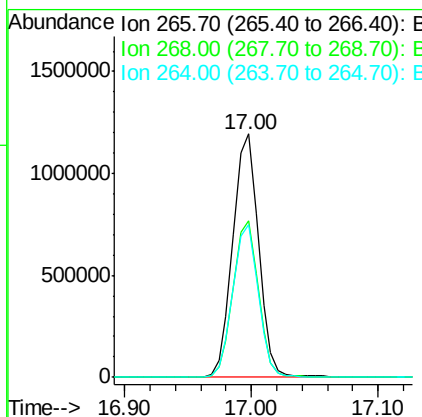
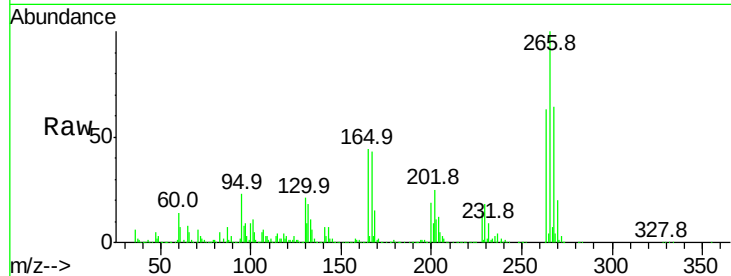
#69
 Pentachlorophenol
 Concen: 95.260 ng
 RT: 17.00 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.0	78.0
264	62.9	49.0	73.4

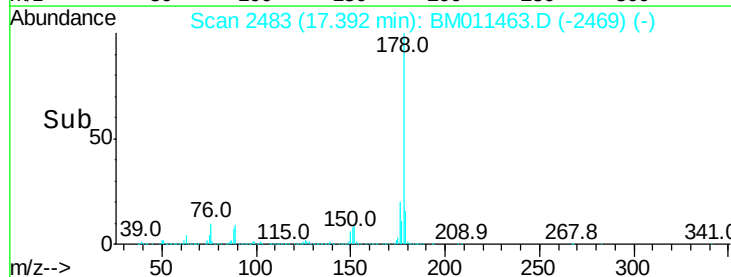
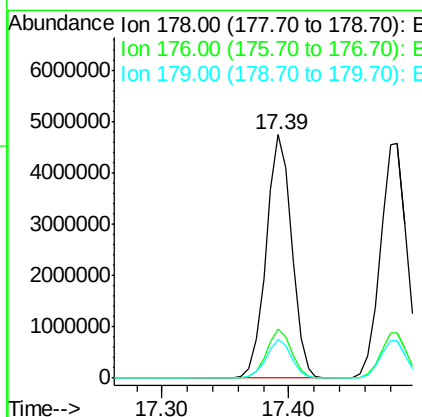
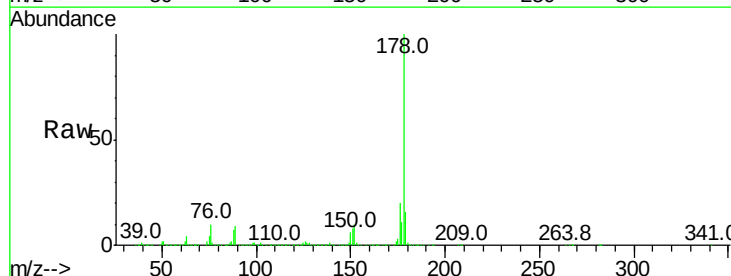
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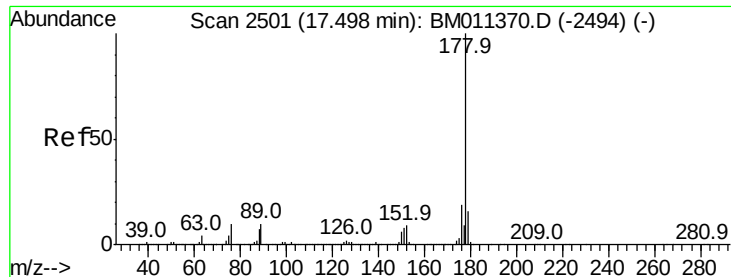
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#70
 Phenanthrene
 Concen: 45.439 ng
 RT: 17.39 min Scan# 2483
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	16.1	12.1	18.1





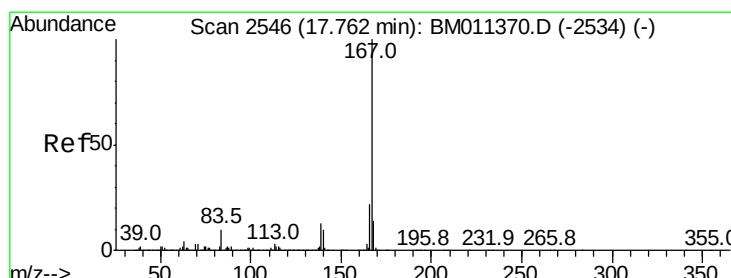
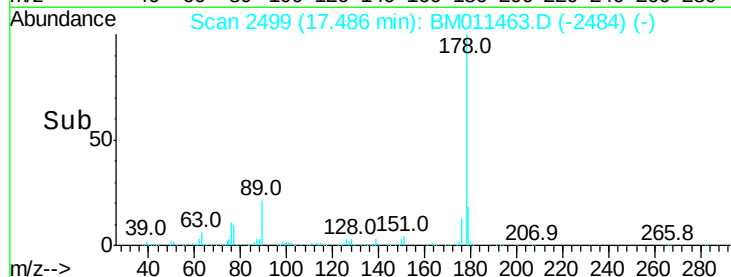
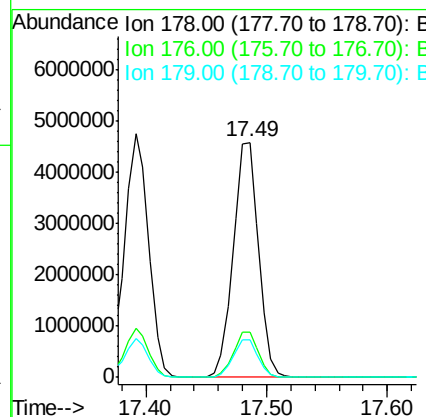
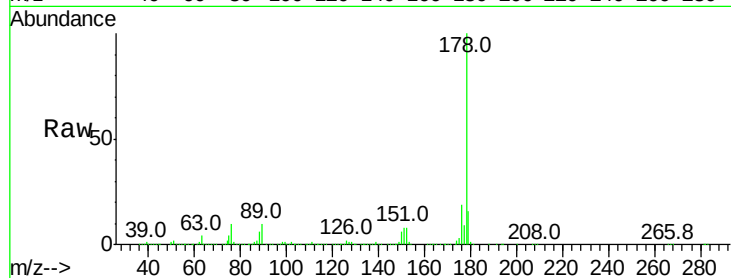
#71
 Anthracene
 Concen: 45.614 ng
 RT: 17.49 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	16.0	12.6	19.0

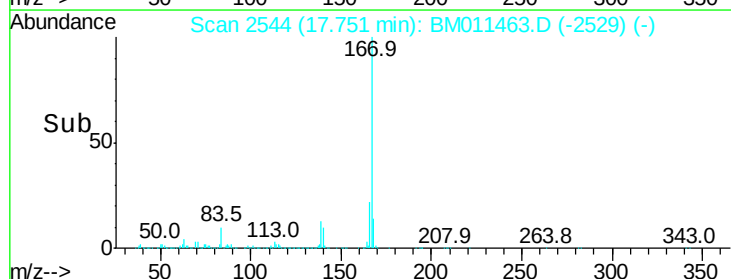
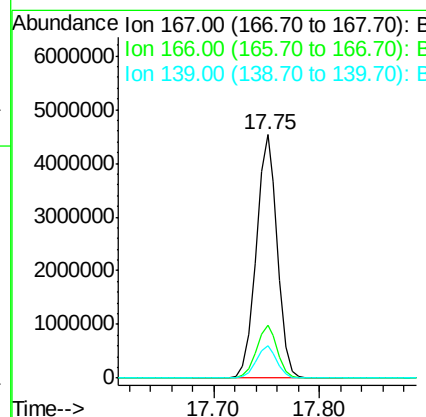
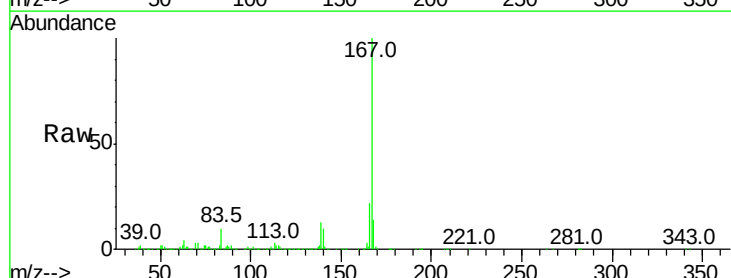
Manual Integrations
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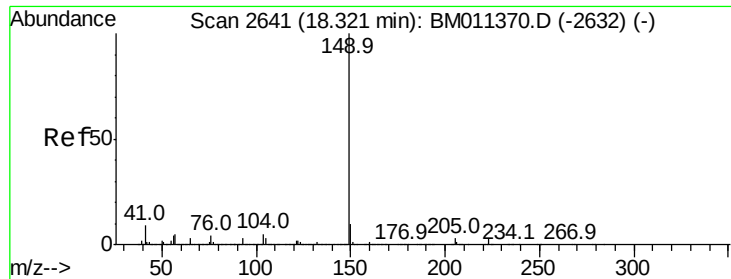
Sohil
 9/8/2017 3:38:24 PM



#72
 Carbazole
 Concen: 44.822 ng
 RT: 17.75 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.1	10.8	16.2





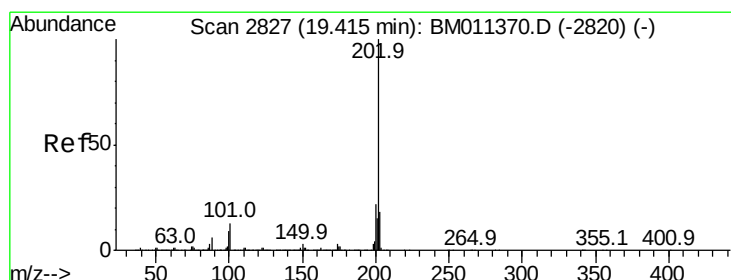
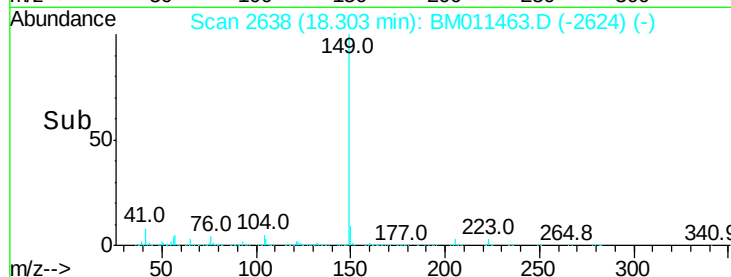
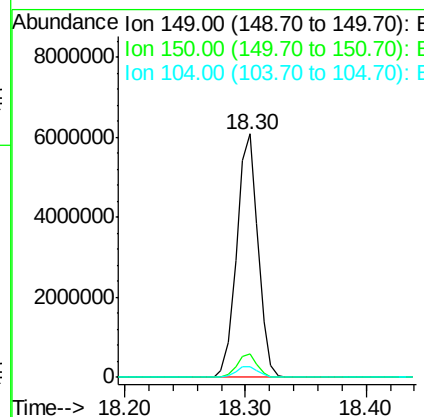
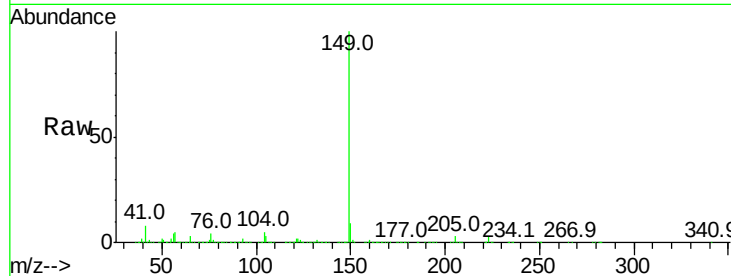
#73
Di-n-butylphthalate
Concen: 45.538 ng
RT: 18.30 min Scan# 2638
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

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

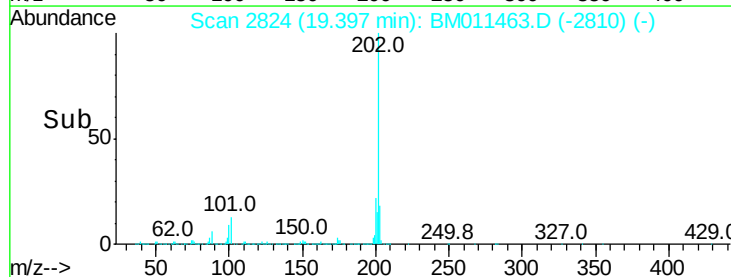
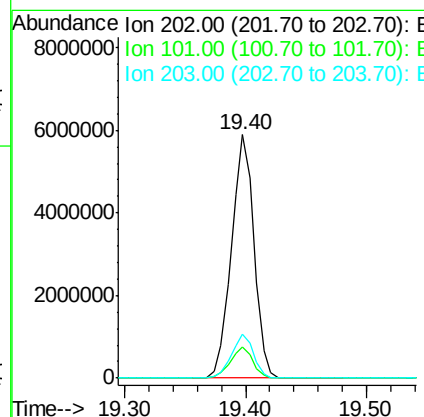
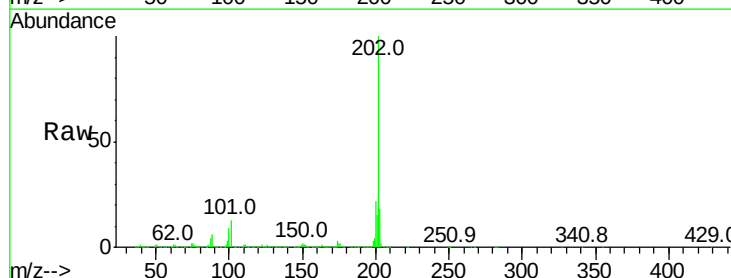
Manual Integrations
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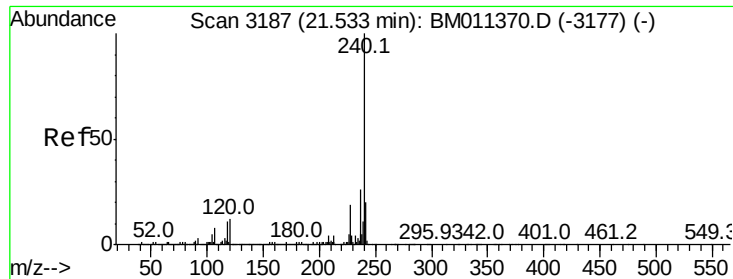
Sohil
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#74
Fluoranthene
Concen: 45.833 ng
RT: 19.40 min Scan# 2824
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	28.7
203	18.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

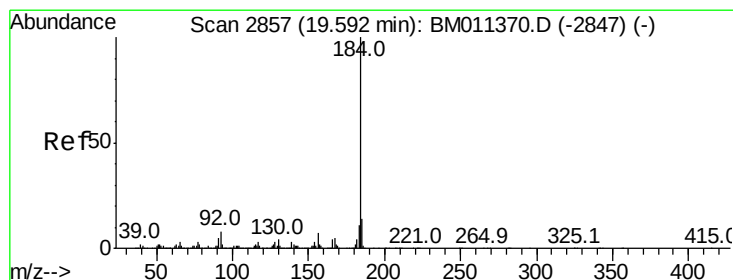
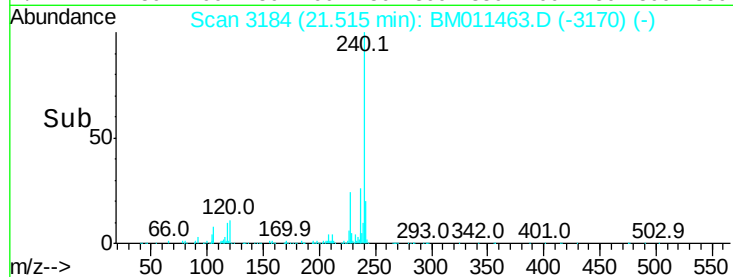
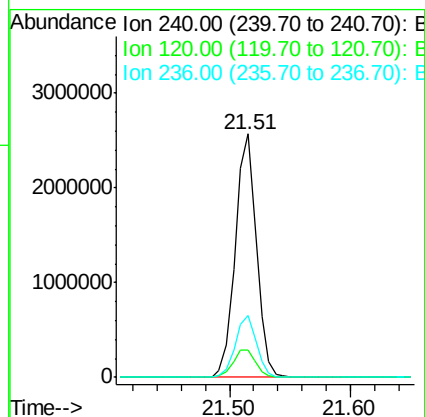
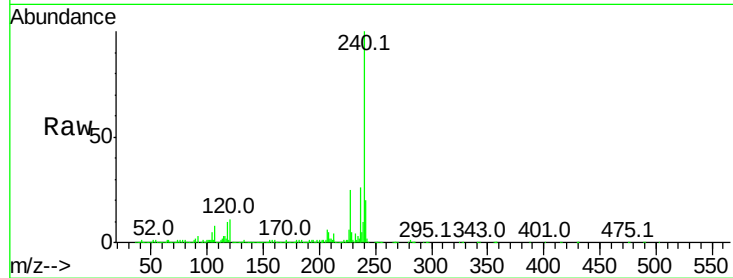
ClientSampleId :

OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	25.6	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 142.111 ng

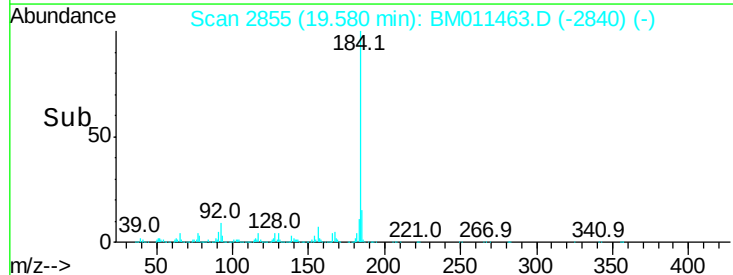
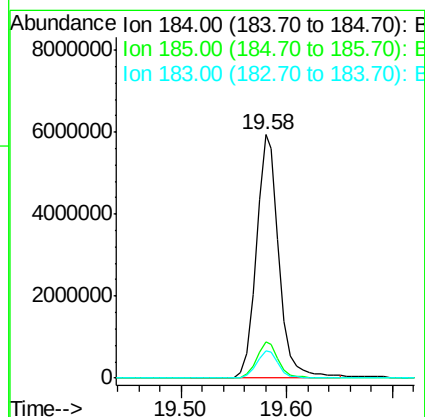
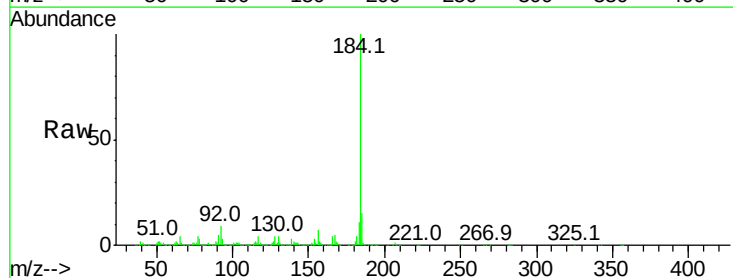
RT: 19.58 min Scan# 2855

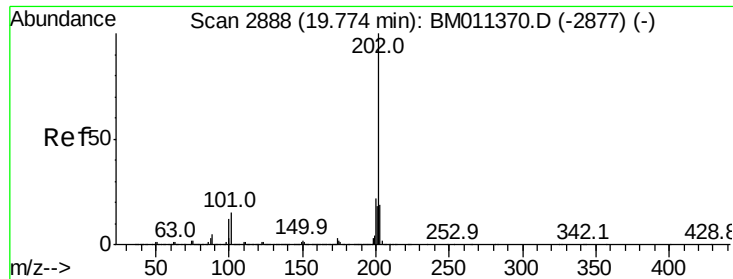
Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.3	16.9
183	11.2	8.9	13.3





#77

Pvrene

Concen: 41.526 ng

RT: 19.76 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

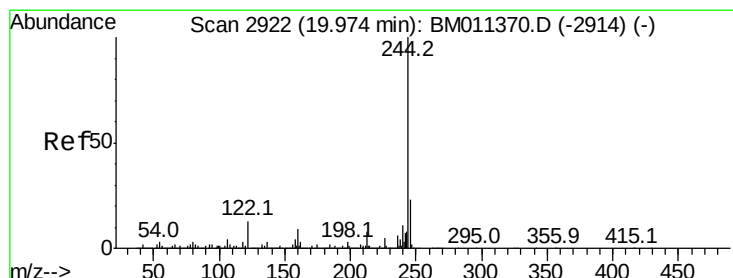
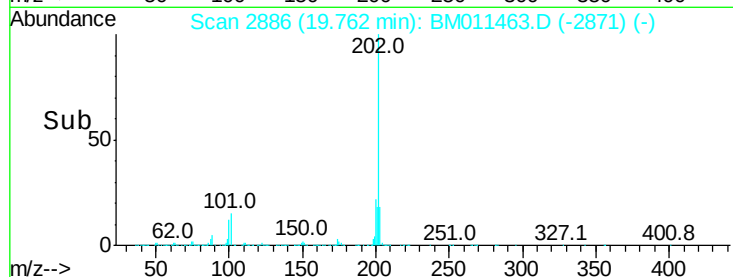
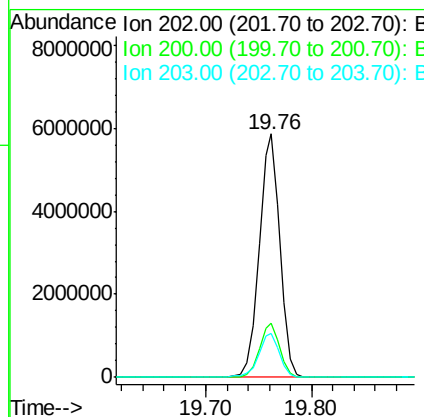
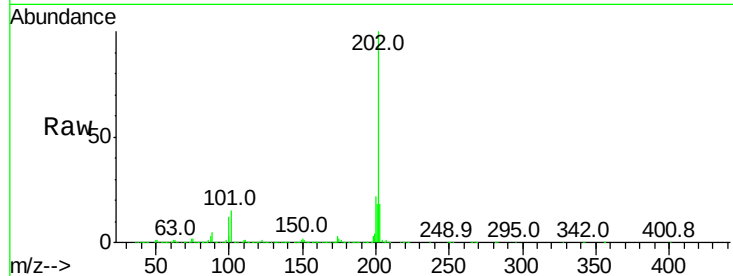
ClientSampleId :

OK-02-090517MSD

Tot Ion:	202	Resp:	7994838
Ion Ratio	Lower	Upper	
202	100		
200	22.0	16.9	25.3
203	18.1	14.1	21.1

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#78

Terphenyl-d14

Concen: 82.925 ng

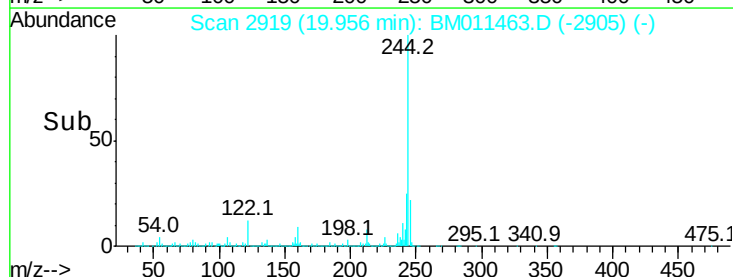
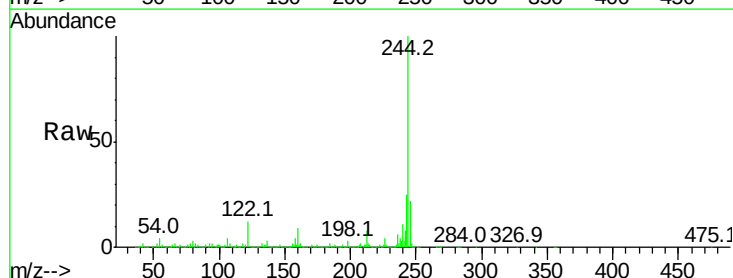
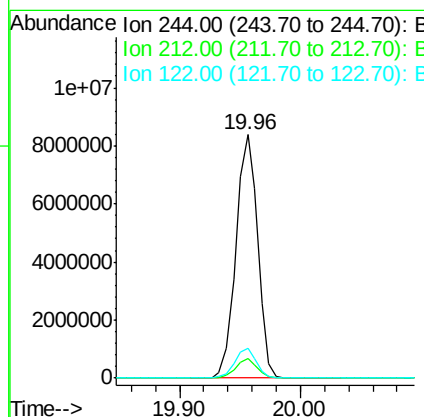
RT: 19.96 min Scan# 2919

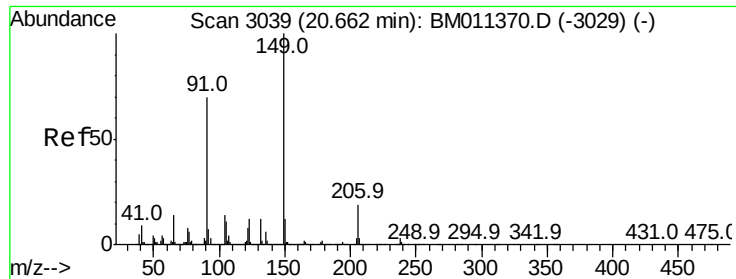
Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Tgt Ion:	244	Resp:	10500390
Ion Ratio	Lower	Upper	
244	100		
212	8.0	4.9	7.3#
122	12.0	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 43.022 ng

RT: 20.64 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:149 Resp: 3659164

Ion Ratio Lower Upper

149 100

91 69.0 50.1 75.1

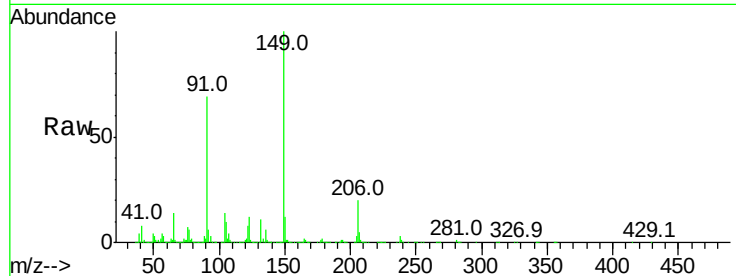
206 19.5 16.2 24.2

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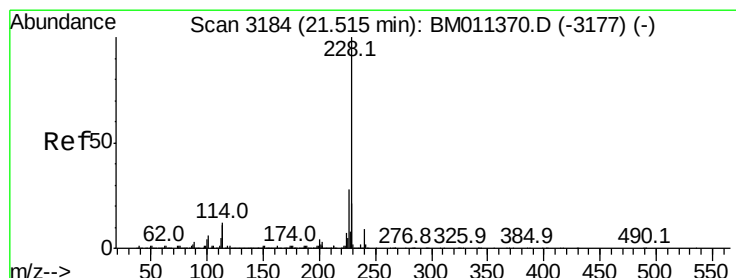
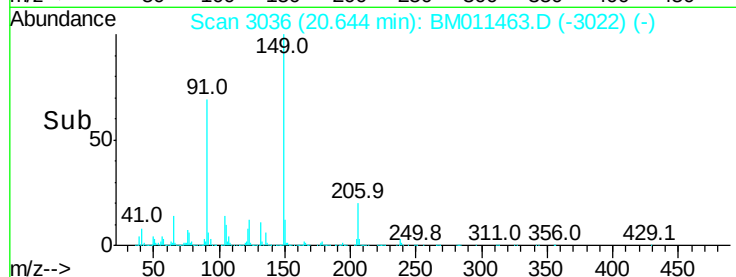
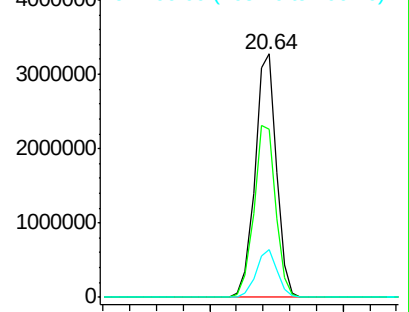
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.562 ng

RT: 21.50 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

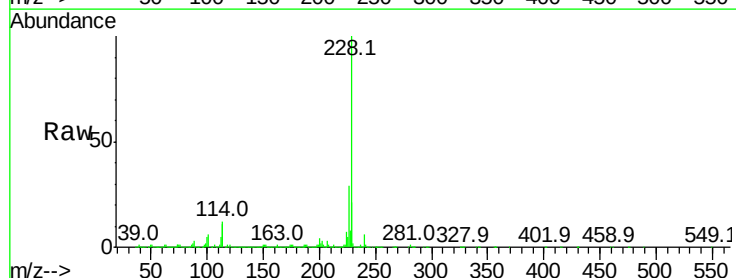
Tgt Ion:228 Resp: 7830578

Ion Ratio Lower Upper

228 100

226 28.6 21.7 32.5

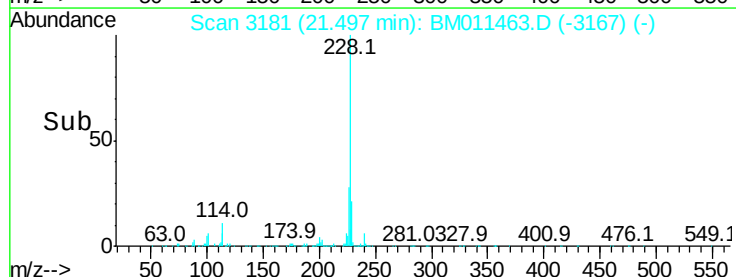
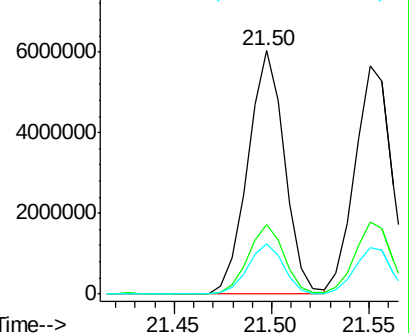
229 20.7 16.0 24.0

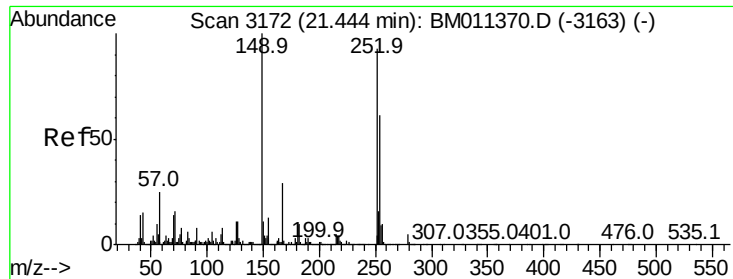


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





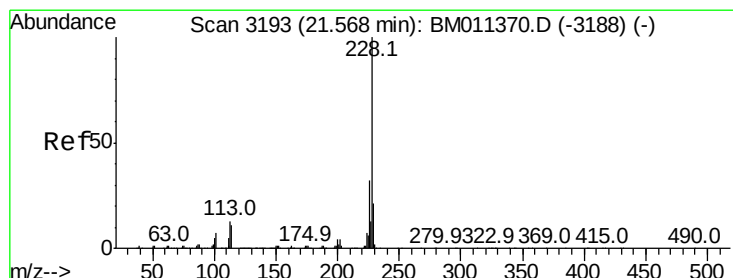
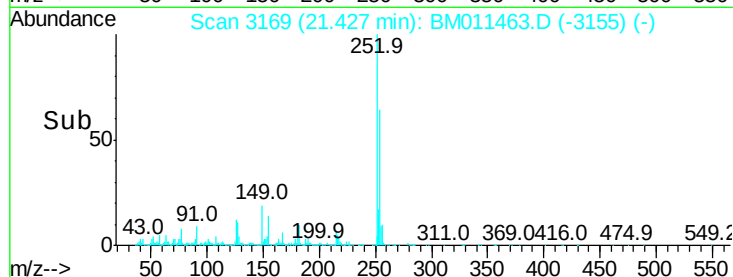
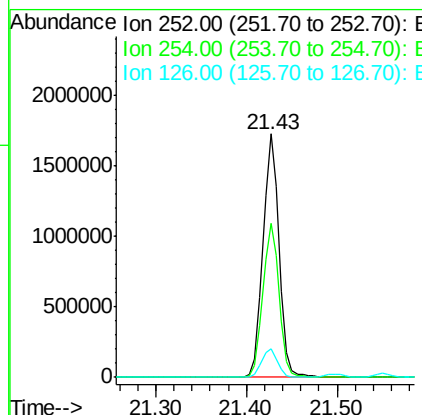
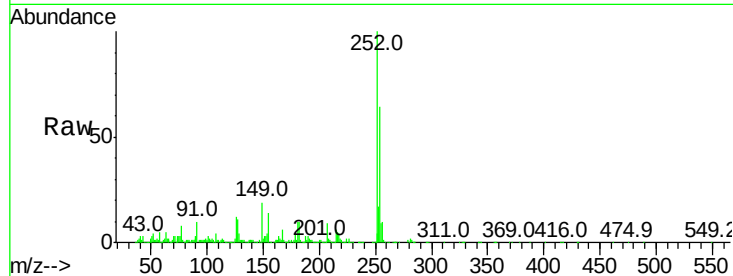
#81
 3,3'-Dichlorobenzidine
 Concen: 31.869 ng
 RT: 21.43 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.9	77.9
126	11.8	9.8	14.8

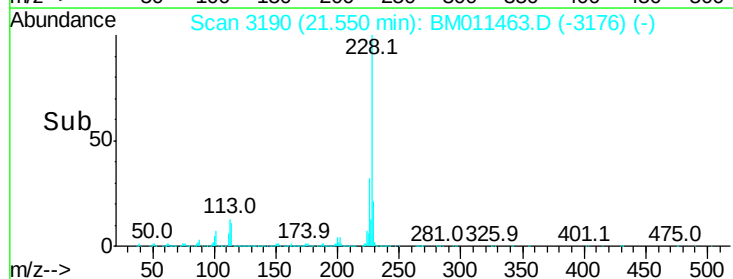
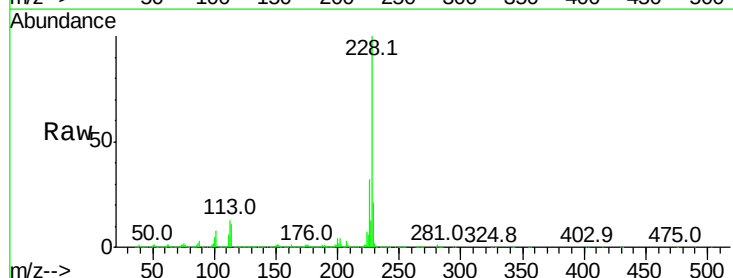
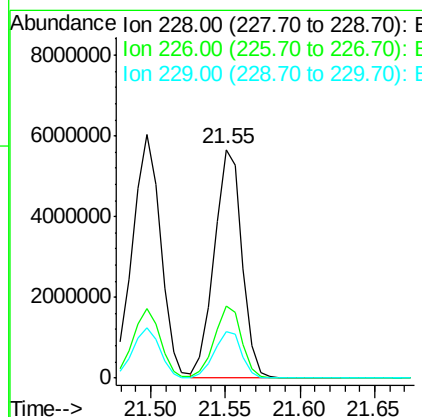
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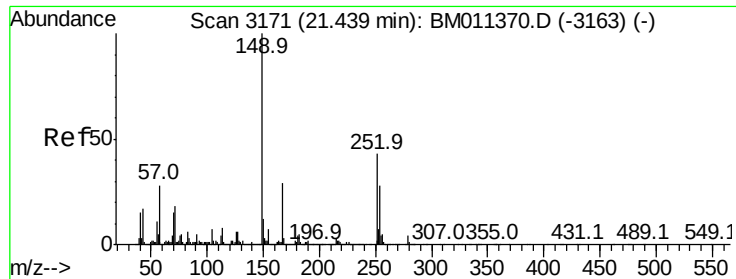
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#82
 Chrysene
 Concen: 44.129 ng
 RT: 21.55 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

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





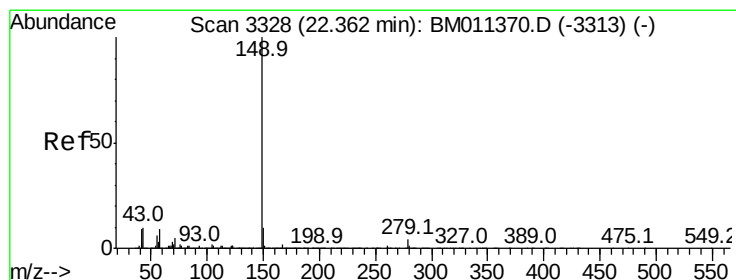
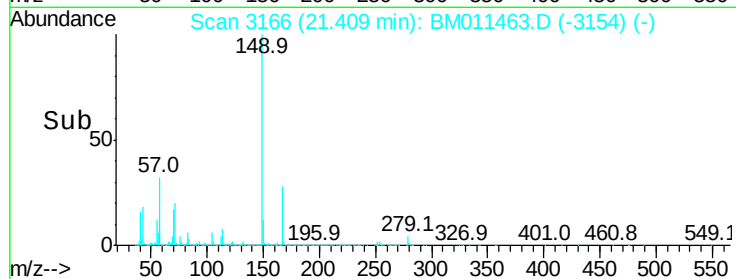
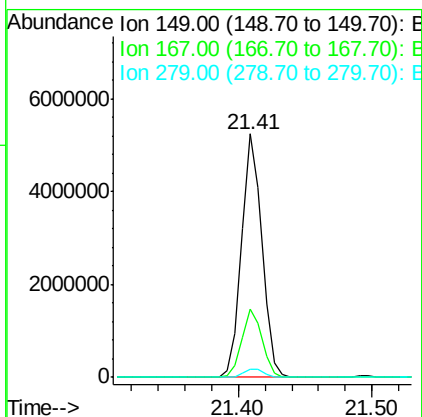
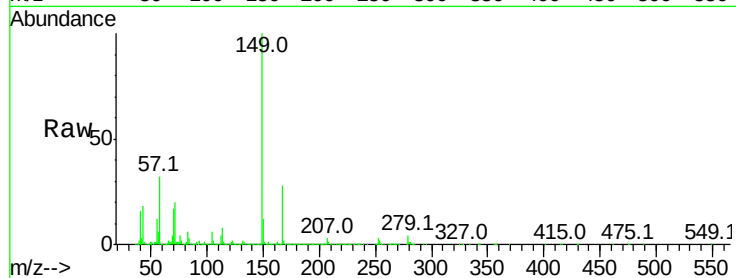
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.395 ng
 RT: 21.41 min Scan# 3166
 Delta R.T. -0.03 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517MSD

Tot Ion:149 Resp: 5535754
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.4 33.6
 279 3.5 3.4 5.0

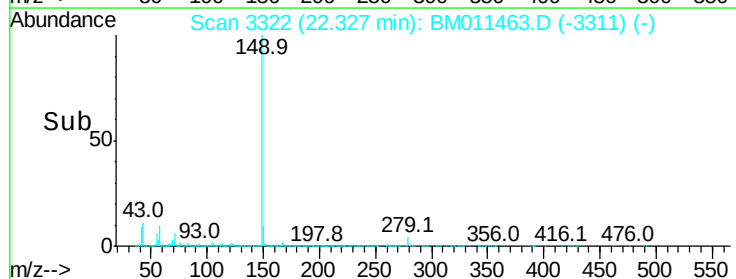
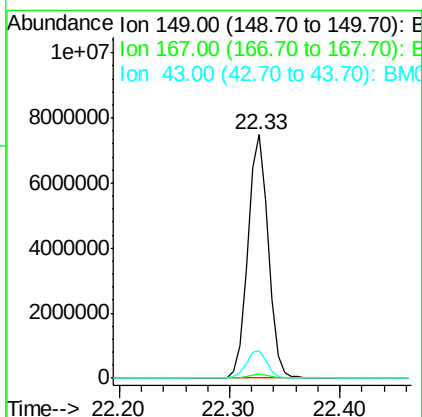
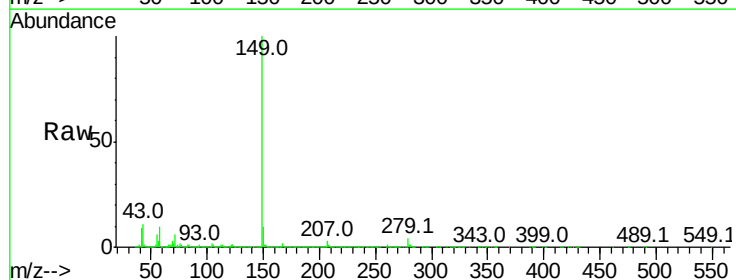
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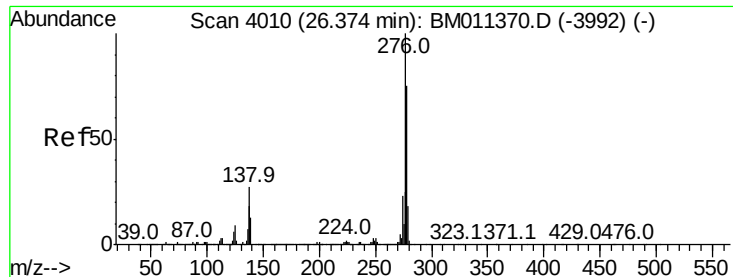
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#84
 Di-n-octyl phthalate
 Concen: 45.980 ng
 RT: 22.33 min Scan# 3322
 Delta R.T. -0.04 min
 Lab File: BM011463.D
 Acq: 07 Sep 2017 20:17

Tgt Ion:149 Resp: 9664989
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.5 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.743 ng

RT: 26.34 min Scan# 4004

Delta R.T. -0.04 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:276 Resp: 8148702

Ion Ratio Lower Upper

276 100

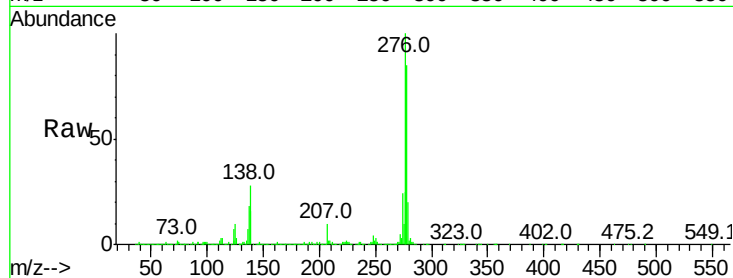
138 27.7 12.0 18.0#

277 25.3 20.0 30.0

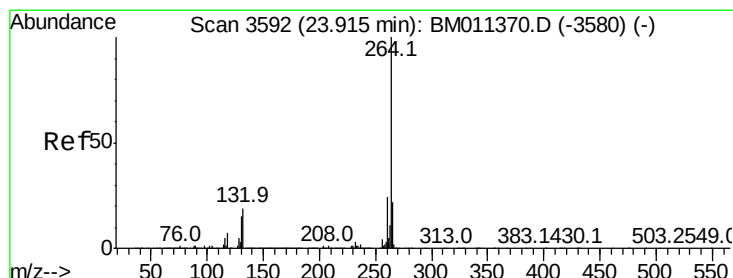
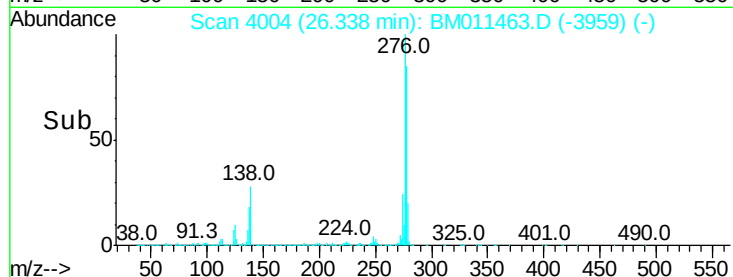
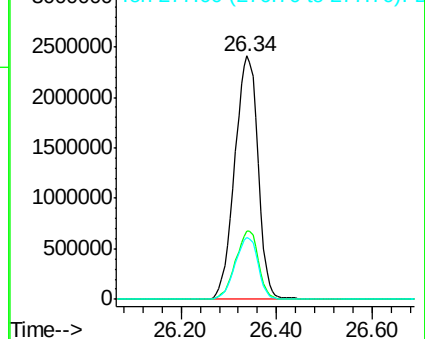
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

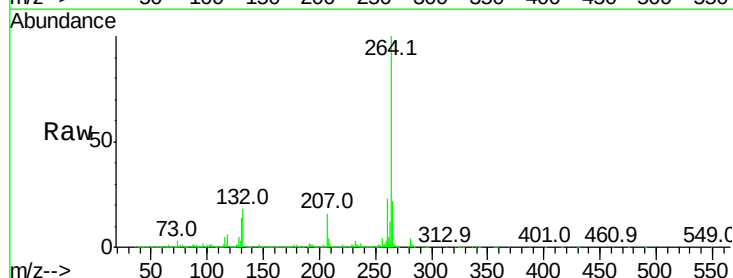
Tgt Ion:264 Resp: 2989384

Ion Ratio Lower Upper

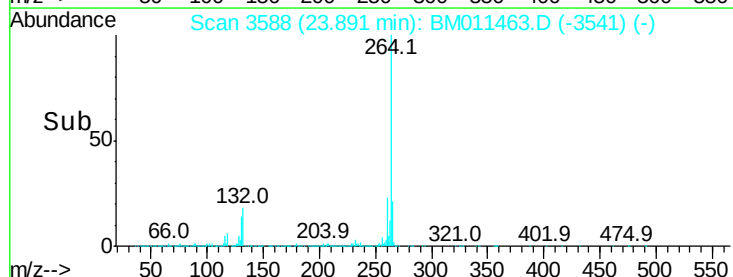
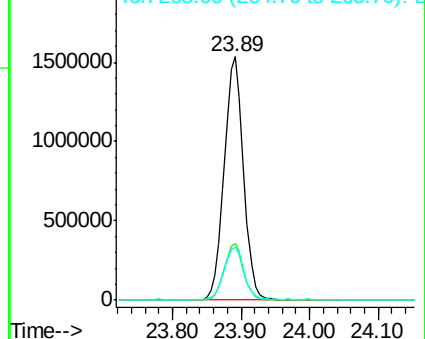
264 100

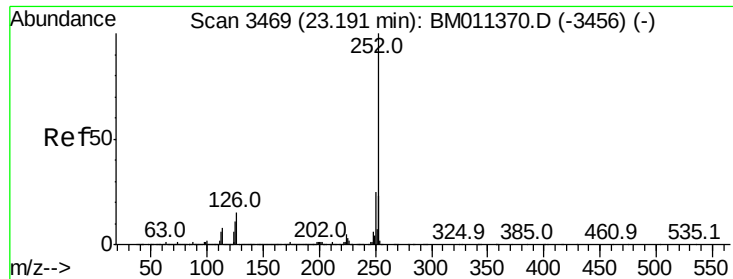
260 23.4 18.6 27.8

265 21.5 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: 43.773 ng

RT: 23.17 min Scan# 3465

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Tot Ion:252 Resp: 8033654

Ion Ratio Lower Upper

252 100

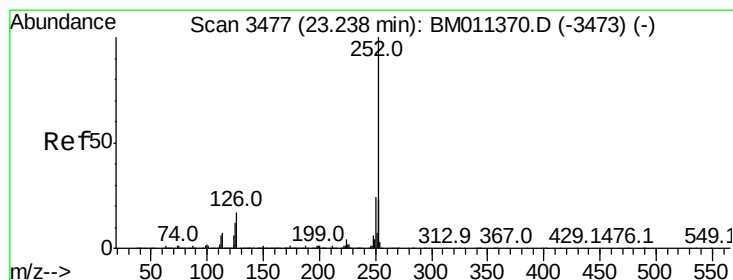
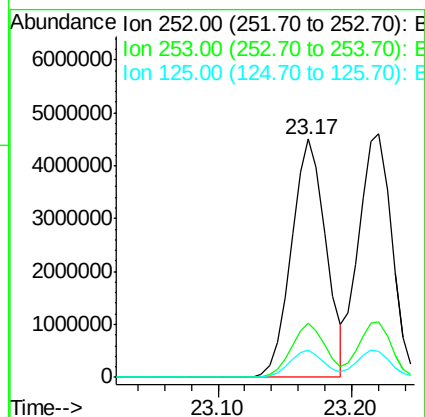
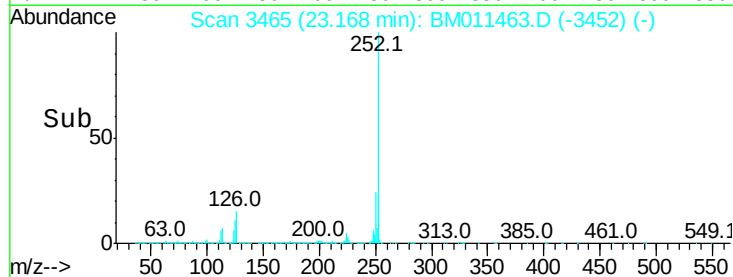
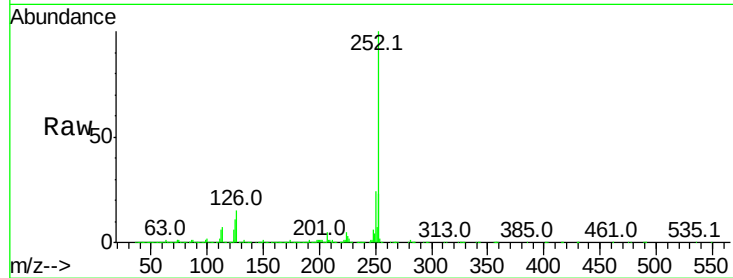
253 22.6 18.0 27.0

125 11.2 9.9 14.9

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#88

Benzo(k)fluoranthene

Concen: 44.858 ng

RT: 23.22 min Scan# 3474

Delta R.T. -0.02 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

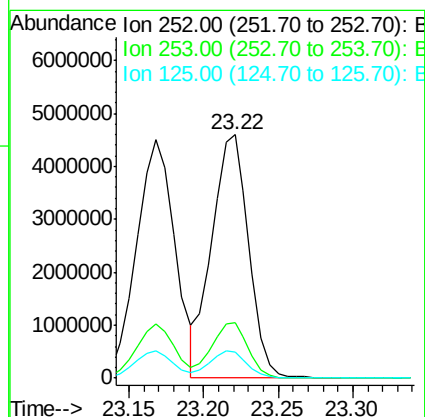
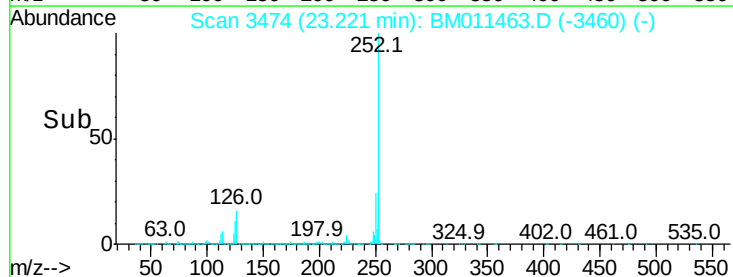
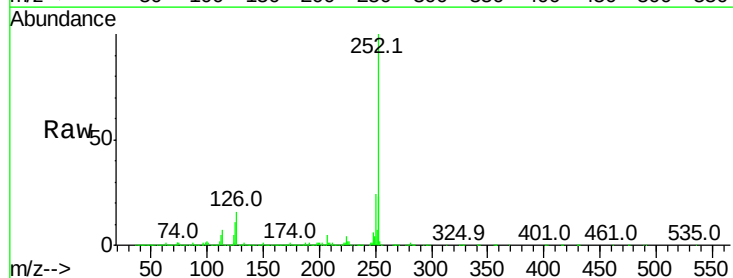
Tgt Ion:252 Resp: 7893578

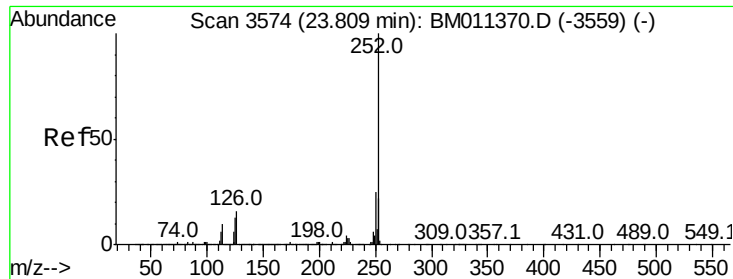
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 10.9 8.1 12.1





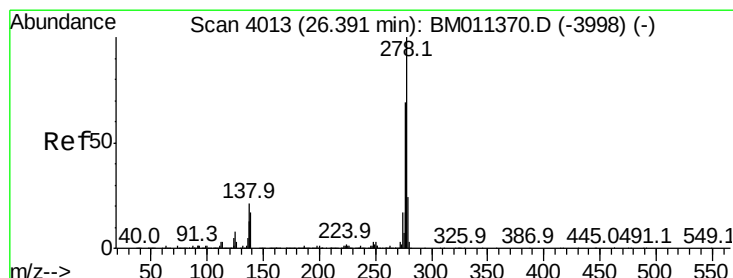
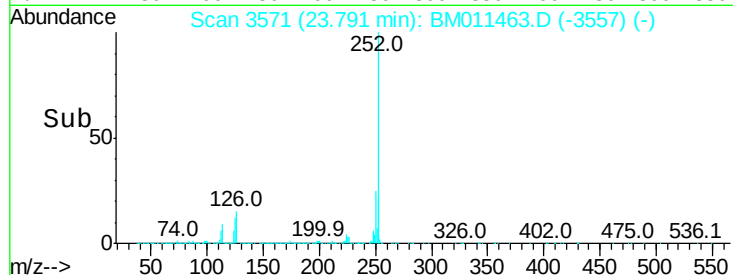
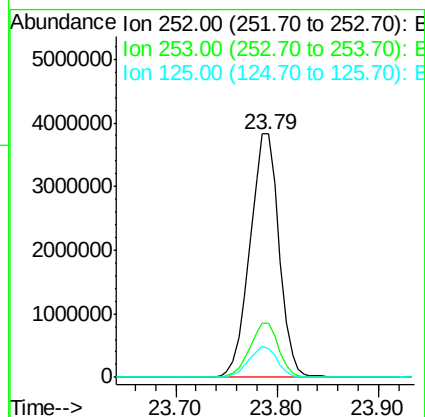
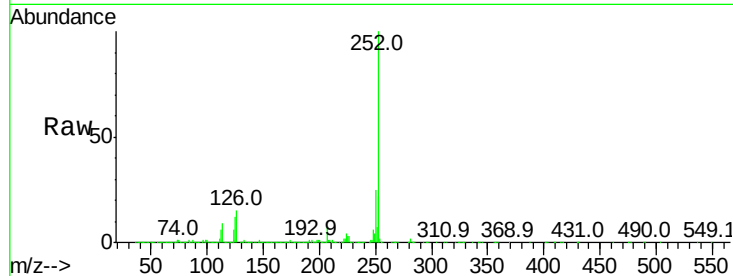
#89
Benzo(a)pyrene
Concen: 45.959 ng
RT: 23.79 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.9	7.4	11.2

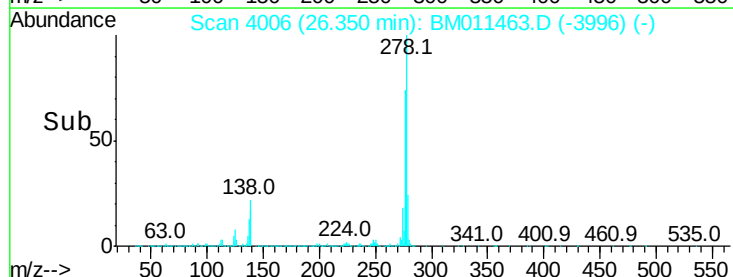
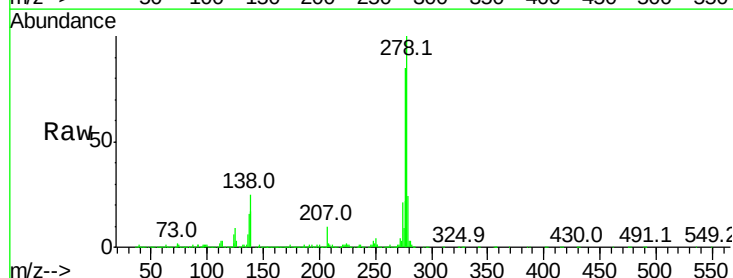
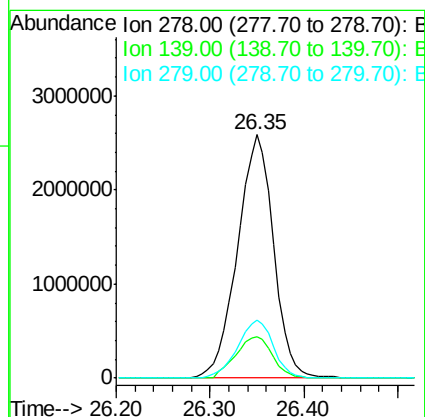
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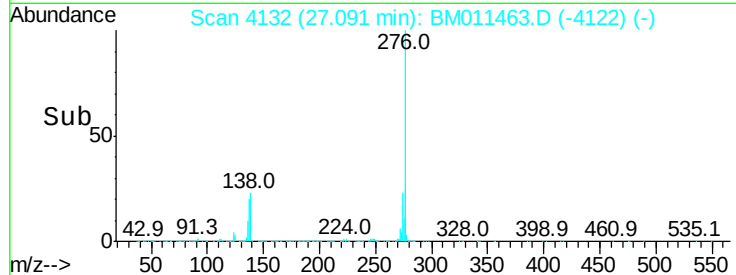
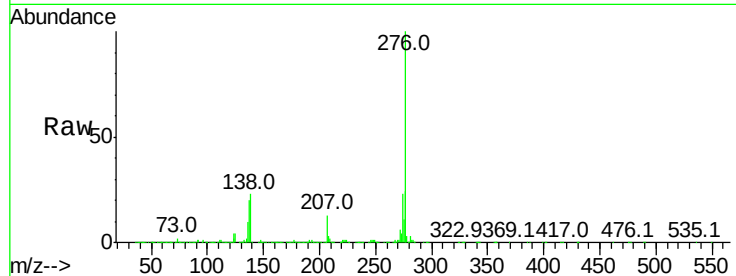
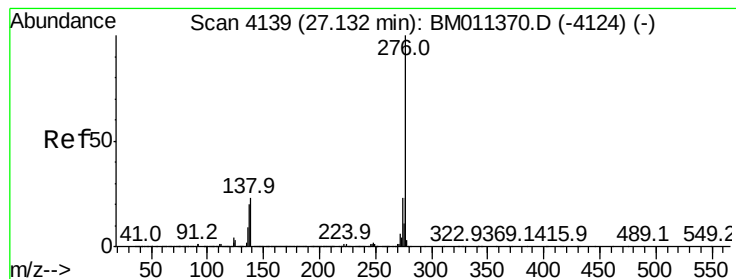
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#90
Dibenzo(a,h)anthracene
Concen: 47.955 ng
RT: 26.35 min Scan# 4006
Delta R.T. -0.04 min
Lab File: BM011463.D
Acq: 07 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.4	20.0
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 46.859 ng

RT: 27.09 min Scan# 4132

Delta R.T. -0.04 min

Lab File: BM011463.D

Acq: 07 Sep 2017 20:17

Tot Ion:	276	Resp:	6415537
Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	23.5	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

OK-02-090517MSD

Manual Integrations
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