

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011167.D
 Acq On : 08 Aug 2017 00:08
 Operator : SJ/JU
 Sample : I4592-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:13:07 PM

Quant Time: Aug 08 03:17:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	161291	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	698134	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	582330	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1786715	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	2227368	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1994956	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	1537626	161.15	ng	-0.07
7) Phenol-d6	6.52	99	2194268	161.86	ng	-0.07
23) Nitrobenzene-d5	8.46	82	2040331	109.69	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1736809	186.08	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	4562458	98.26	ng	-0.08
78) Terphenyl-d14	19.41	244	10244020	91.10	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	172793	40.335	ng	# 100
3) Pyridine	3.34	79	472657	40.393	ng	# 88
4) n-Nitrosodimethylamine	3.25	42	319742	53.619	ng	# 75
6) Aniline	6.67	93	510084	29.854	ng	# 83
8) 2-Chlorophenol	6.89	128	480007	49.552	ng	# 75
9) Benzaldehyde	6.48	77	298761	34.061	ng	# 76
10) Phenol	6.55	94	727959	49.438	ng	# 89
11) bis(2-Chloroethyl)ether	6.77	93	592537	51.646	ng	# 90
12) 1,3-Dichlorobenzene	7.20	146	497557	42.145	ng	# 75
13) 1,4-Dichlorobenzene	7.35	146	512085	42.317	ng	# 91
14) 1,2-Dichlorobenzene	7.66	146	510062	44.085	ng	# 87
15) Benzyl Alcohol	7.56	79	806472	62.013	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.85	45	569904	55.202	ng	# 76
17) 2-Methylphenol	7.77	107	528529	56.163	ng	# 72
18) Hexachloroethane	8.37	117	230994	43.771	ng	# 80
19) n-Nitroso-di-n-propylamine	8.13	70	714325	62.007	ng	# 90
20) 3+4-Methylphenols	8.10	107	713454	54.539	ng	# 79
22) Acetophenone	8.13	105	1014794	48.492	ng	# 89
24) Nitrobenzene	8.50	77	1003069	52.039	ng	# 83
25) Isophorone	9.03	82	1784704	57.545	ng	# 85
26) 2-Nitrophenol	9.20	139	296305	48.312	ng	# 18
27) 2,4-Dimethylphenol	9.28	122	537471	49.781	ng	# 65
28) bis(2-Chloroethoxy)methane	9.52	93	893979	51.681	ng	# 98
29) 2,4-Dichlorophenol	9.73	162	615790	50.756	ng	# 89
30) 1,2,4-Trichlorobenzene	9.94	180	702890	46.856	ng	# 98
31) Naphthalene	10.12	128	1697582	48.336	ng	# 98
32) Benzoic acid	9.45	122	361271	41.629	ng	# 46
33) 4-Chloroaniline	10.27	127	230746	16.470	ng	# 69
34) Hexachlorobutadiene	10.41	225	556834	47.129	ng	# 96
35) Caprolactam	11.05	113	199834m	58.082	ng	#
36) 4-Chloro-3-methylphenol	11.39	107	907866	57.952	ng	# 69
37) 2-Methylnaphthalene	11.75	142	1414017	54.806	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	1048617	41.913	ng	# 100
40) Hexachlorocyclopentadiene	12.11	237	322255	22.105	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	724273	47.829	nq	98
43) 2,4,5-Trichlorophenol	12.46	196	783395	50.229	nq #	85
45) 1,1'-Biphenyl	12.80	154	2130035	42.302	nq	97
46) 2-Chloronaphthalene	12.83	162	1691028	45.581	nq #	94
47) 2-Nitroaniline	13.06	65	790992	60.267	nq #	62
48) Acenaphthylene	13.69	152	2699260	48.753	nq	98
49) Dimethylphthalate	13.46	163	2557790	51.345	nq #	99
50) 2,6-Dinitrotoluene	13.57	165	550874	54.684	nq #	43
51) Acenaphthene	14.05	154	1693439	49.397	nq	100
52) 3-Nitroaniline	13.91	138	392068	44.850	nq #	23
53) 2,4-Dinitrophenol	14.12	184	768893	107.398	nq #	80
54) Dibenzofuran	14.39	168	3043428	54.789	nq #	90
55) 4-Nitrophenol	14.24	139	656795	85.517	nq #	85
56) 2,4-Dinitrotoluene	14.37	165	830813	58.748	nq #	79
57) Fluorene	15.04	166	2605338	53.870	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.62	232	878272	60.078	nq #	100
59) Diethylphthalate	14.85	149	2773787	54.521	nq	99
60) 4-Chlorophenyl-phenylether	15.05	204	1543287	52.853	nq	96
61) 4-Nitroaniline	15.08	138	351790	37.887	nq #	1
62) Azobenzene	15.34	77	3642948	66.905	nq	86
64) 4,6-Dinitro-2-methylphenol	15.14	198	563408	46.579	nq	94
65) n-Nitrosodiphenylamine	15.27	169	2332114	45.609	nq	98
66) 4-Bromophenyl-phenylether	15.94	248	1071784	46.662	nq #	91
67) Hexachlorobenzene	16.04	284	1136529	43.788	nq #	86
68) Atrazine	16.24	200	1045112	51.003	nq	97
69) Pentachlorophenol	16.40	266	1568091	95.162	nq	98
70) Phenanthrene	16.78	178	4794534	51.248	nq	100
71) Anthracene	16.87	178	4782966	51.262	nq	99
72) Carbazole	17.16	167	3892980	47.709	nq	98
73) Di-n-butylphthalate	17.74	149	5130129	51.627	nq #	96
74) Fluoranthene	18.82	202	6481135	55.901	nq	99
76) Benzidine	19.03	184	1225944m	23.007	nq	
77) Pyrene	19.18	202	6716061	50.746	nq	100
79) Butylbenzylphthalate	20.13	149	2480721	52.711	nq #	67
80) Benzo(a)anthracene	20.95	228	6558931	51.572	nq	99
81) 3,3'-Dichlorobenzidine	20.90	252	1659861	33.269	nq #	98
82) Chrysene	21.00	228	6163684	50.488	nq	99
83) Bis(2-ethylhexyl)phthalate	20.92	149	3564664	51.487	nq #	99
84) Di-n-octyl phthalate	21.76	149	5918196	52.668	nq	97
85) Indeno(1,2,3-cd)pyrene	25.09	276	5992531	47.396	nq #	96
87) Benzo(b)fluoranthene	22.44	252	6645628	51.903	nq #	92
88) Benzo(k)fluoranthene	22.49	252	6188946	50.432	nq #	95
89) Benzo(a)pyrene	22.96	252	5960440	51.446	nq #	96
90) Dibenzo(a,h)anthracene	25.10	278	4756265	44.284	nq #	91
91) Benzo(g,h,i)perylene	25.71	276	4704031	44.602	nq #	85

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

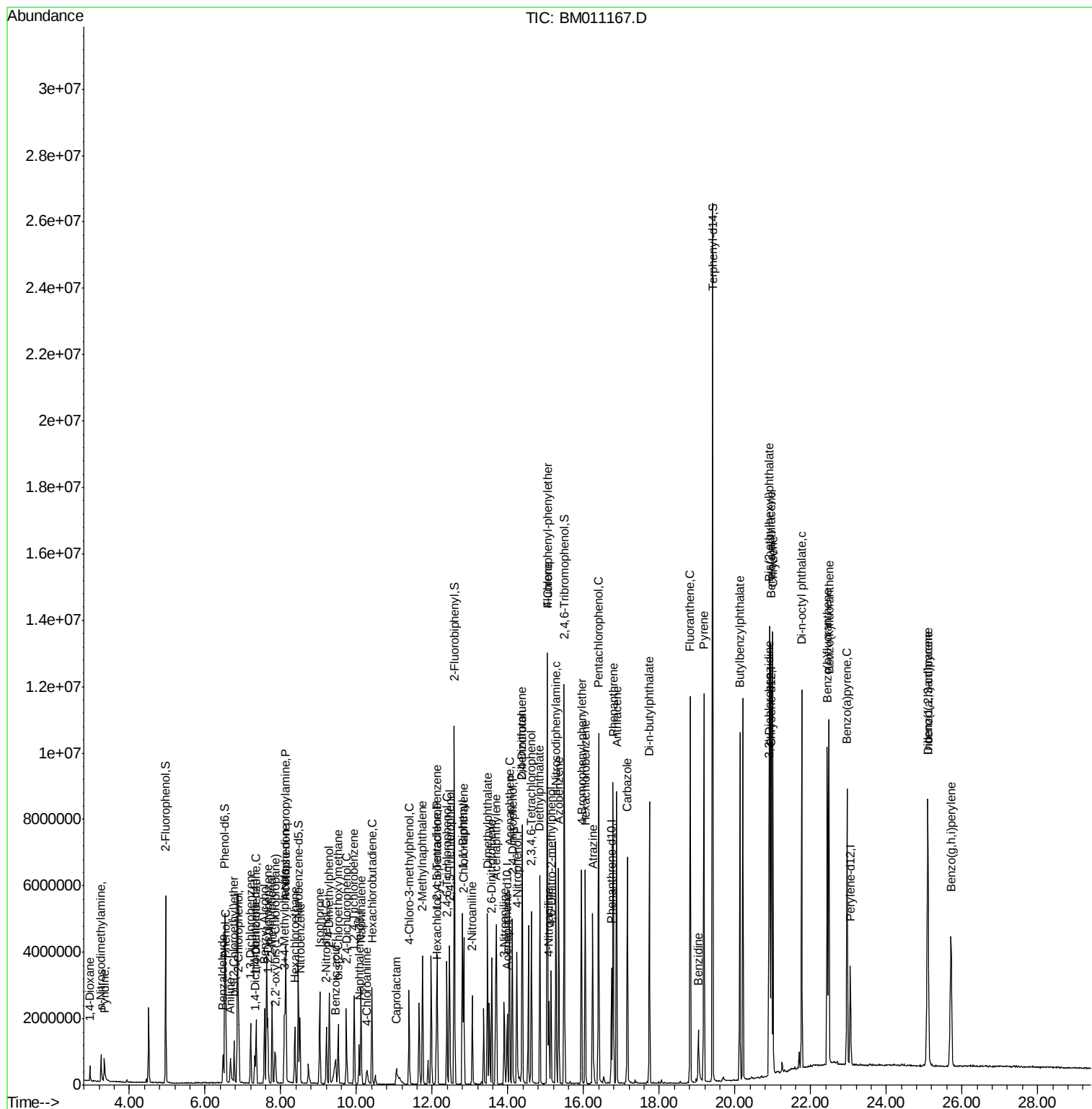
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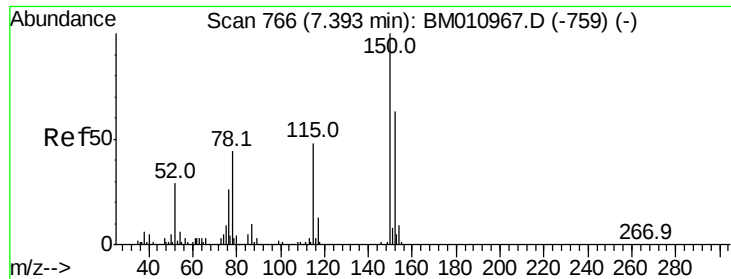
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#1

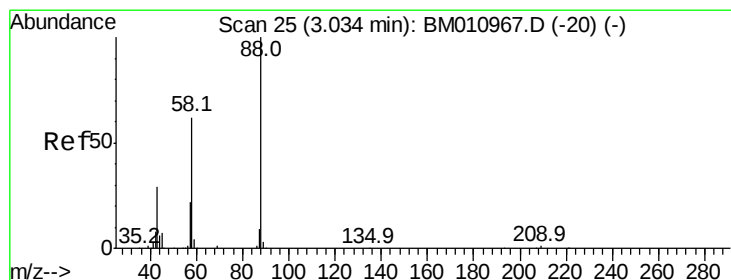
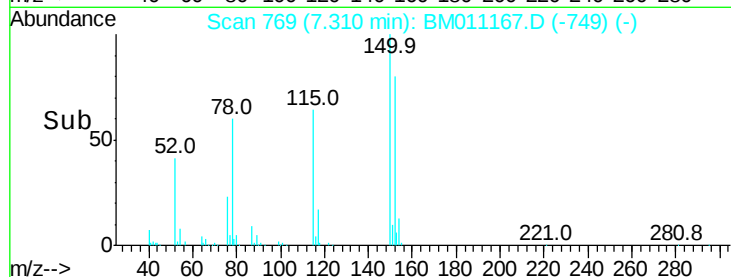
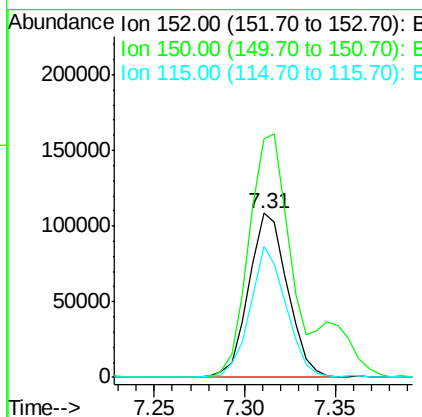
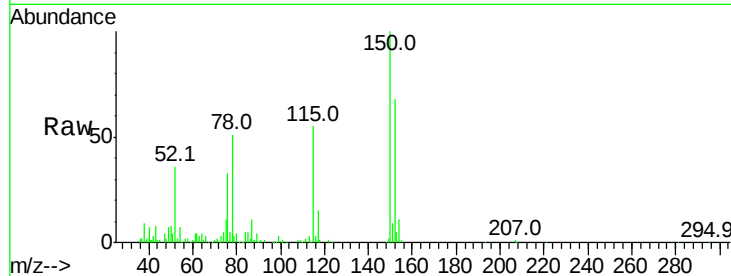
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	119.5	179.3
115	80.1	43.0	64.4

Manual Integrations
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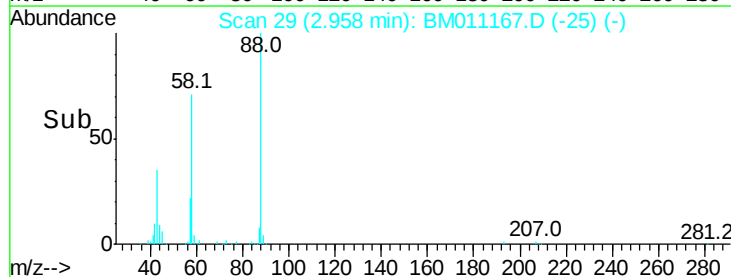
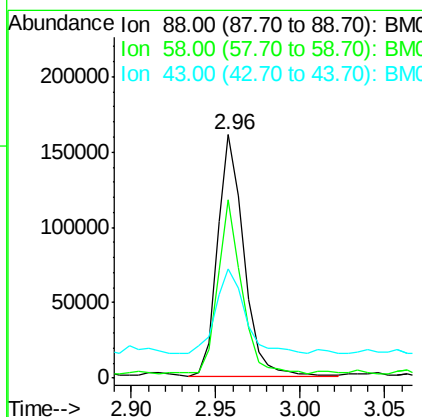
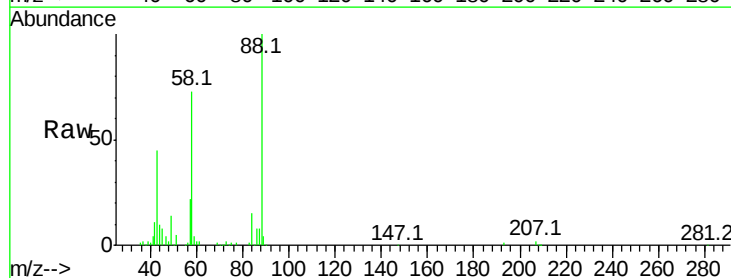
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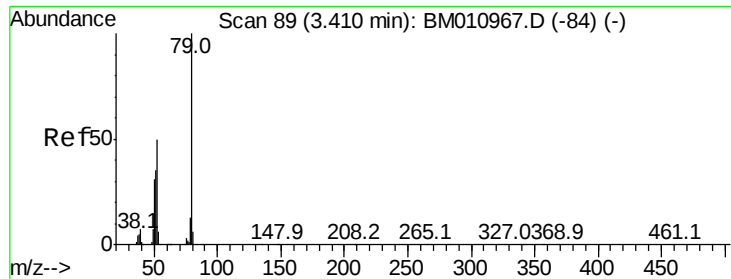


#2

1,4-Dioxane
Concen: 40.335 ng
RT: 2.96 min Scan# 29
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	0.0	0.0
43	38.5	0.0	0.0





#3

Pvridine

Concen: 40.393 ng

RT: 3.34 min Scan# 94

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

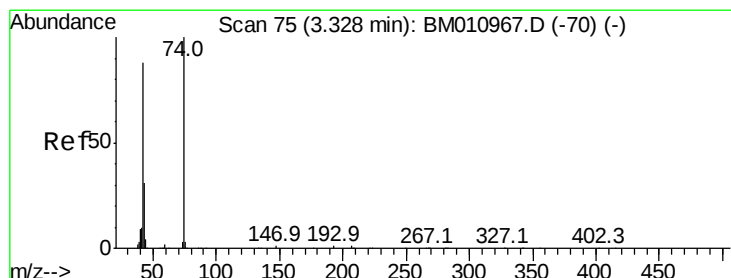
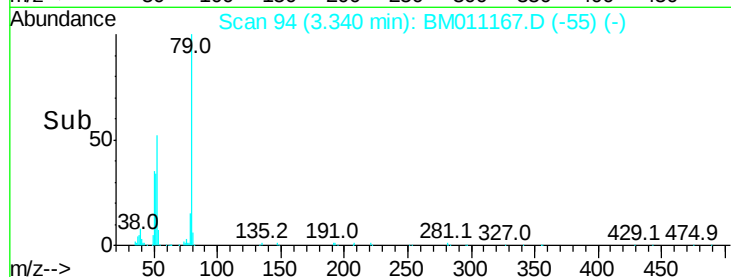
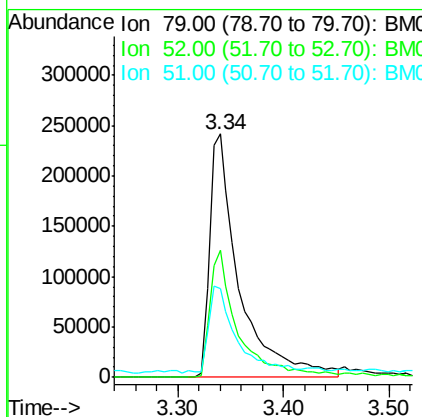
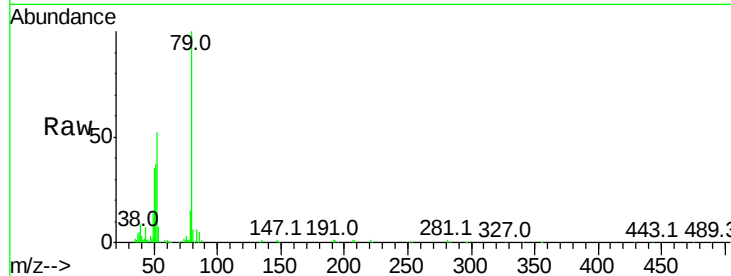
ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:	79	Resp:	472657
Ion Ratio	Lower	Upper	
79	100		
52	52.3	51.1	76.7
51	36.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 53.619 ng

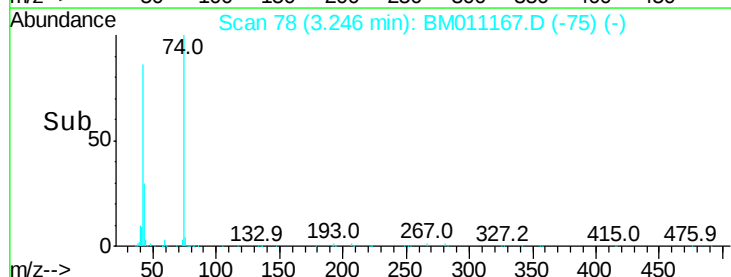
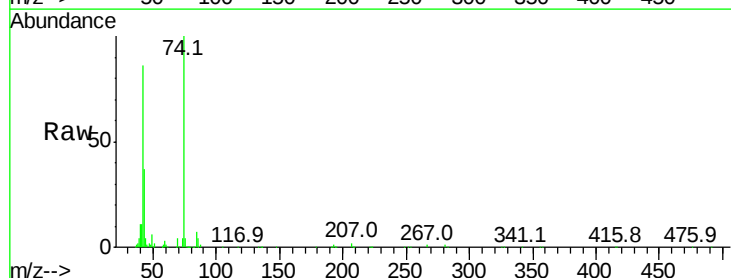
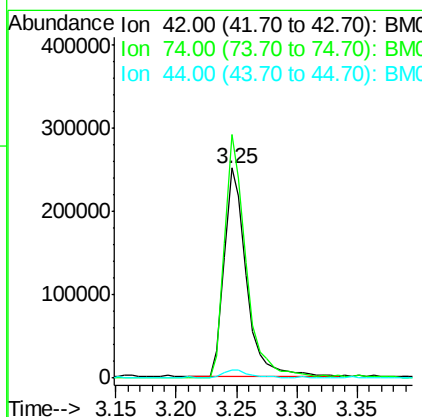
RT: 3.25 min Scan# 78

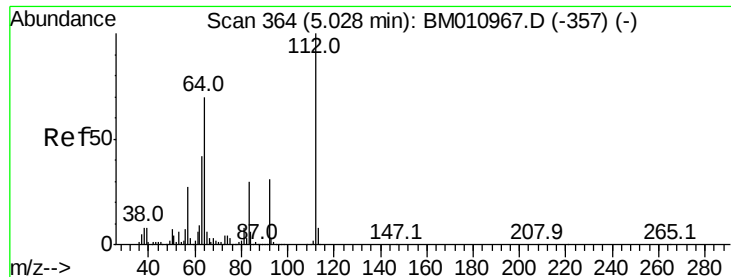
Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion:	42	Resp:	319742
Ion Ratio	Lower	Upper	
42	100		
74	115.9	119.3	178.9#
44	4.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 161.154 ng

RT: 4.96 min Scan# 369

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:112 Resp: 1537626

Ion Ratio Lower Upper

112 100

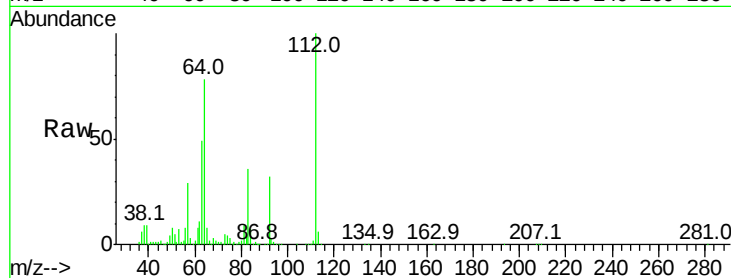
64 77.6 38.6 57.8#

63 49.1 19.3 28.9#

Manual Integrations
APPROVED

Sohil

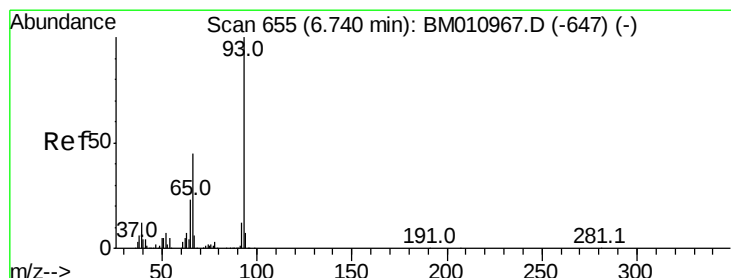
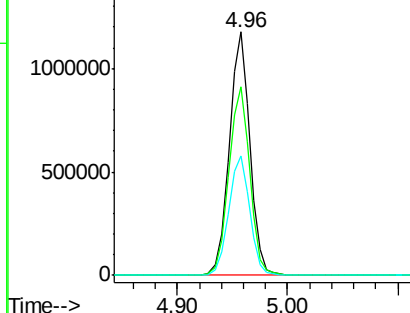
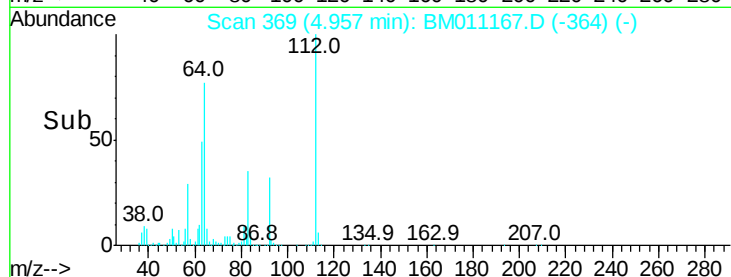
8/10/2017 6:13:07 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 29.854 ng

RT: 6.67 min Scan# 660

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

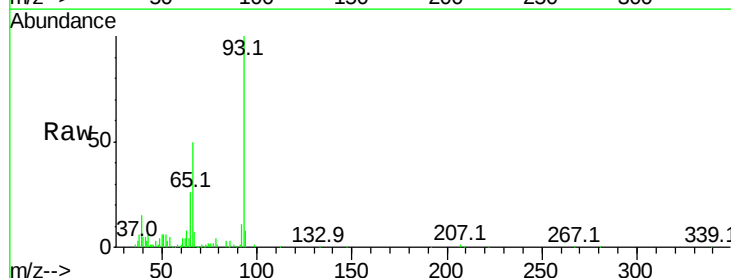
Tgt Ion: 93 Resp: 510084

Ion Ratio Lower Upper

93 100

66 49.8 30.8 46.2#

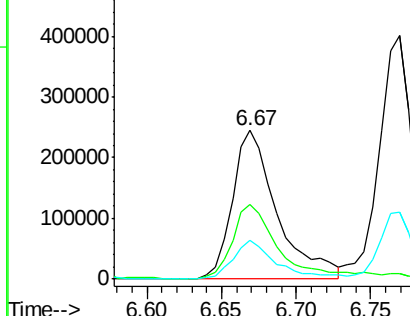
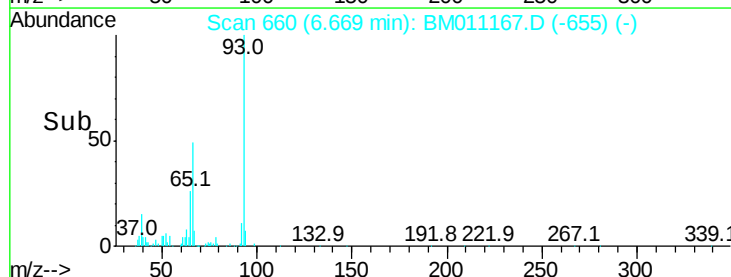
65 25.7 16.0 24.0#

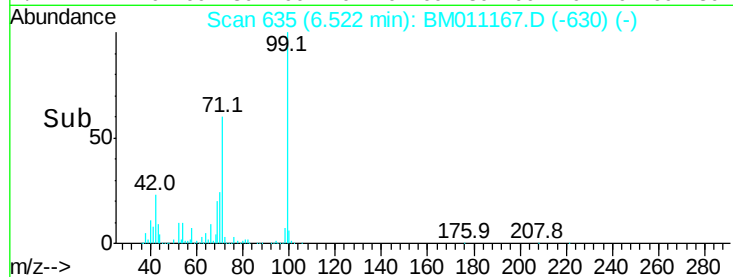
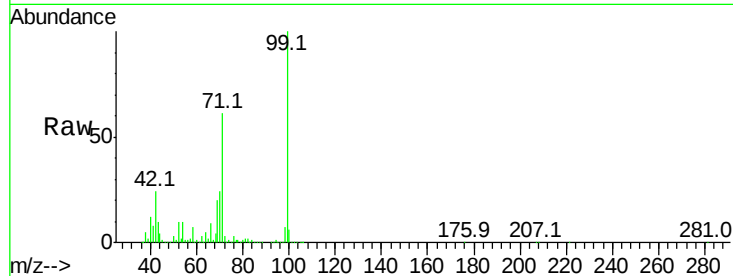
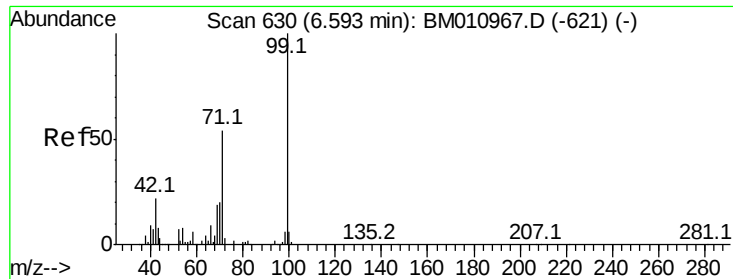


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 161.861 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011167.D

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Tot Ion	99	Resp	2194268
Ion	Ratio	Lower	Upper
99	100		
42	23.7	11.0	16.4#
71	60.6	23.4	35.2#

Instrument :

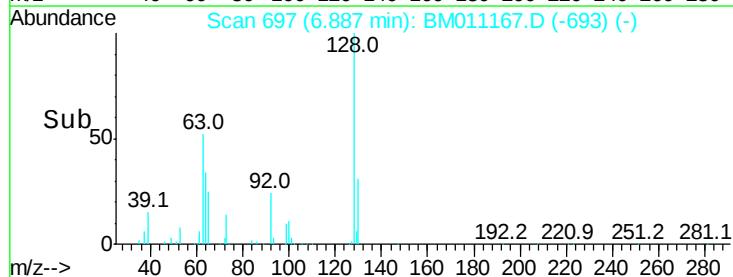
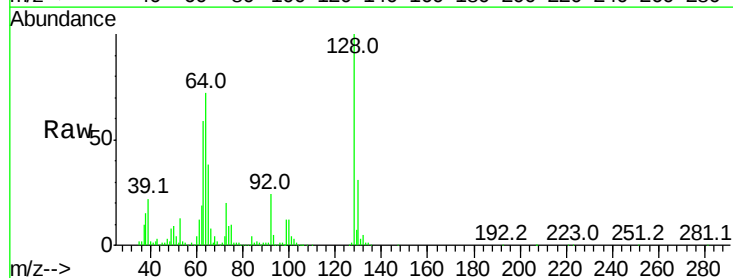
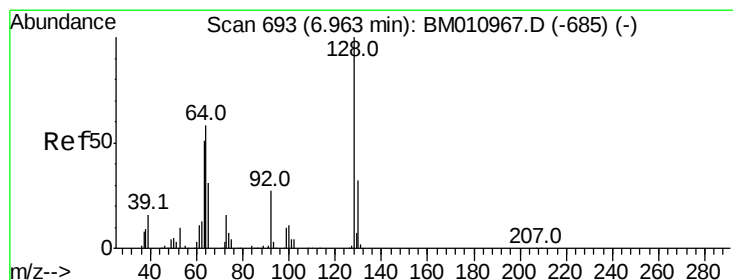
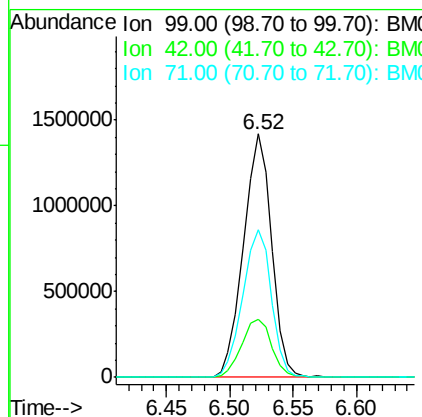
BNA_M

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#8

2-Chlorophenol

Concen: 49.552 ng

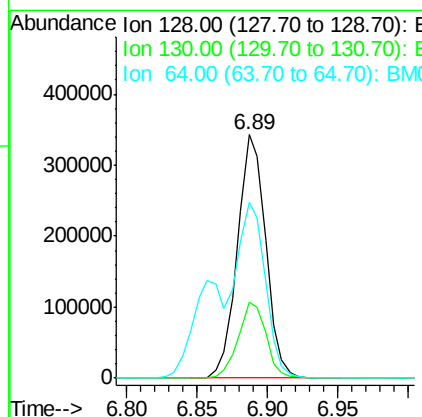
RT: 6.89 min Scan# 697

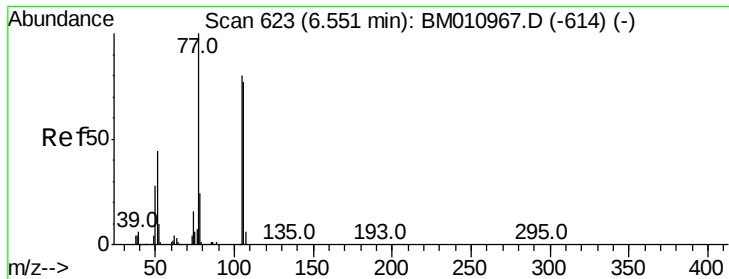
Delta R.T. -0.08 min

Lab File: BM011167.D

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Tgt Ion	128	Resp	480007
Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.0	52.0
64	72.1	24.9	64.9#





#9

Benzaldehyde

Concen: 34.061 ng

RT: 6.48 min Scan# 627

Delta R.T. -0.08 min

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Instrument :

BNA_M

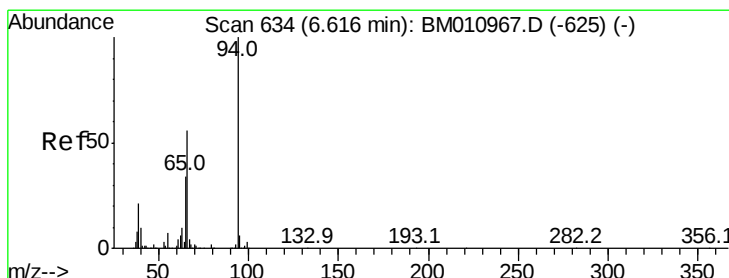
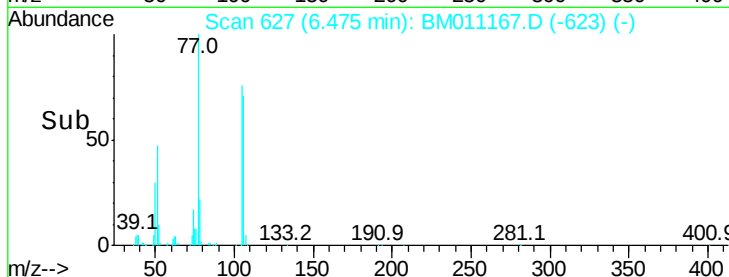
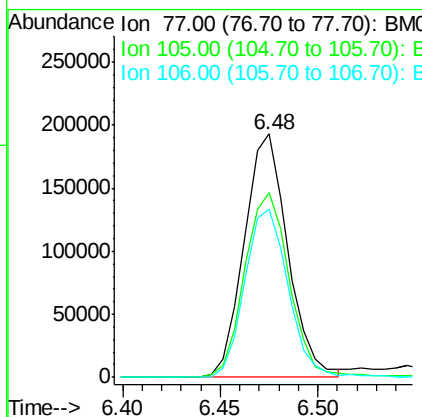
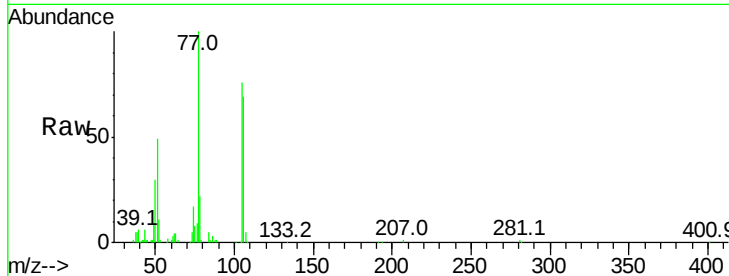
ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:	77	Resp:	298761
Ion Ratio	Lower	Upper	
77	100		
105	75.8	78.8	118.8#
106	69.3	73.7	113.7#

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#10

Phenol

Concen: 49.438 ng

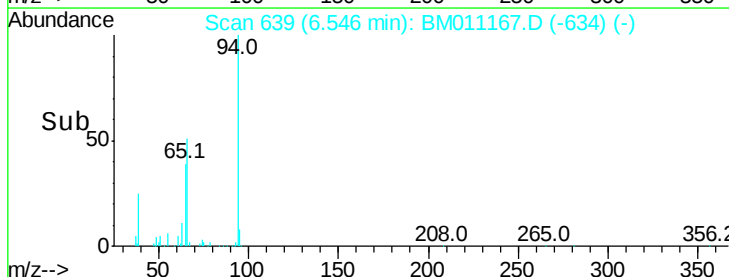
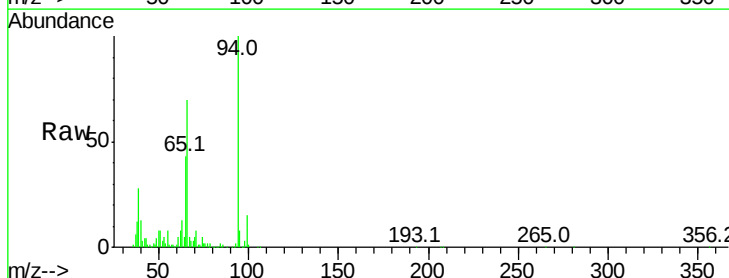
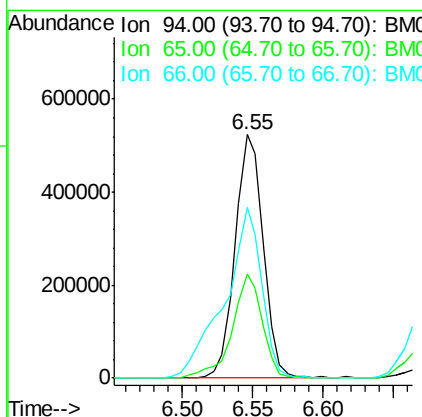
RT: 6.55 min Scan# 639

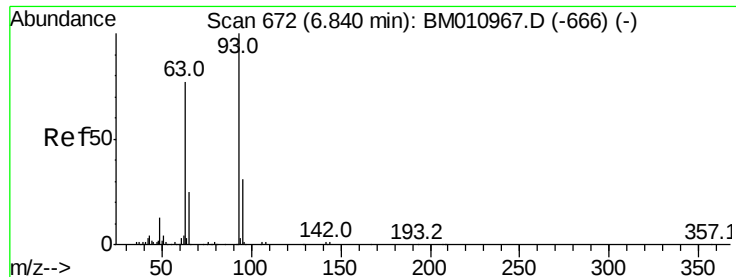
Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion:	94	Resp:	727959
Ion Ratio	Lower	Upper	
94	100		
65	42.9	18.8	58.8
66	70.3	39.9	79.9





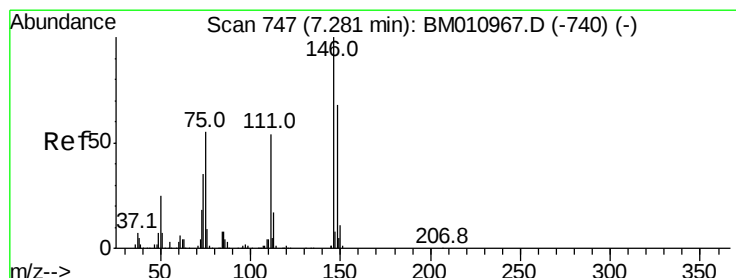
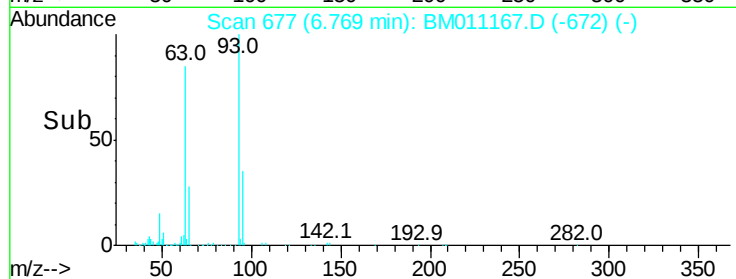
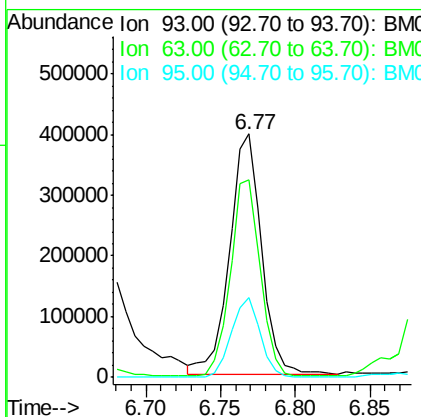
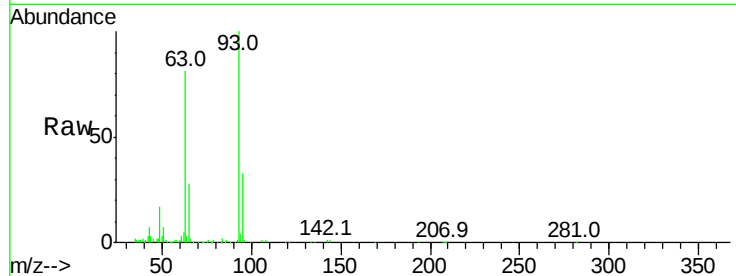
#11
bis(2-Chloroethyl)ether
Concen: 51.646 ng
RT: 6.77 min Scan# 677
Delta R.T. -0.07 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	592537		
63	81.0		49.5	89.5
95	32.7		13.5	53.5

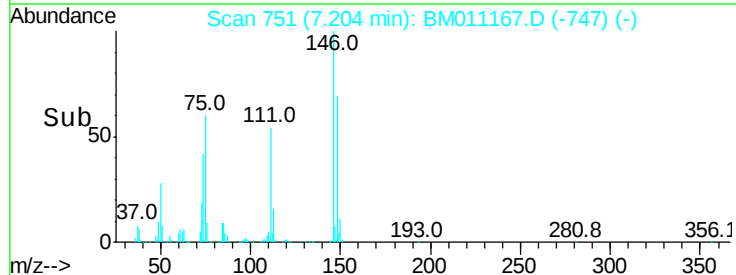
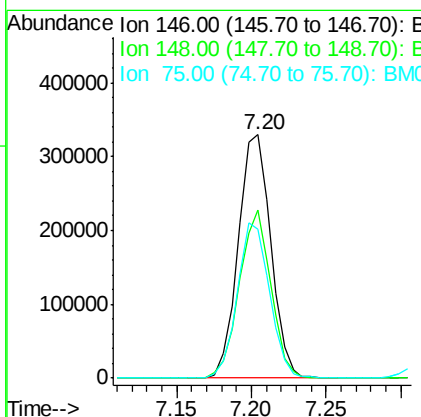
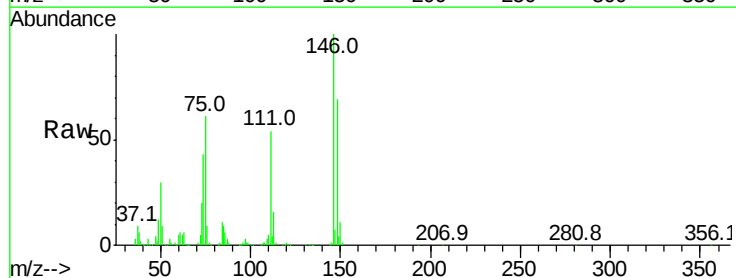
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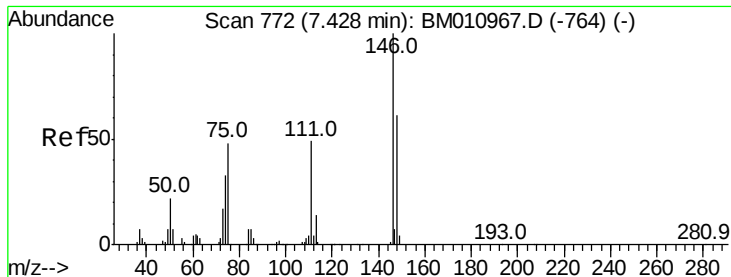
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#12
1,3-Dichlorobenzene
Concen: 42.145 ng
RT: 7.20 min Scan# 751
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	497557		
148	69.3		50.9	76.3
75	61.4		21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 42.317 ng

RT: 7.35 min Scan# 775

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

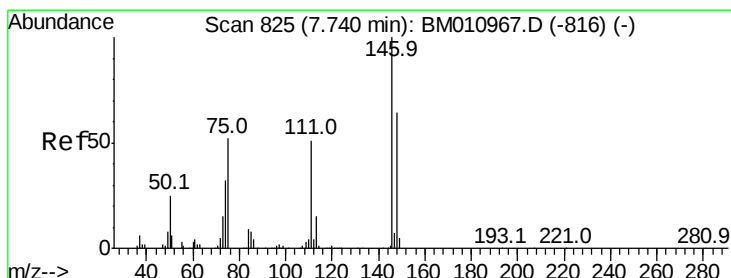
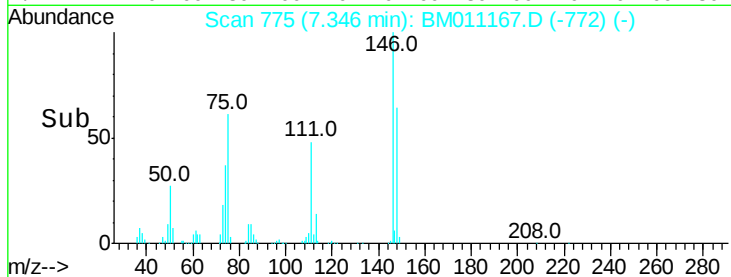
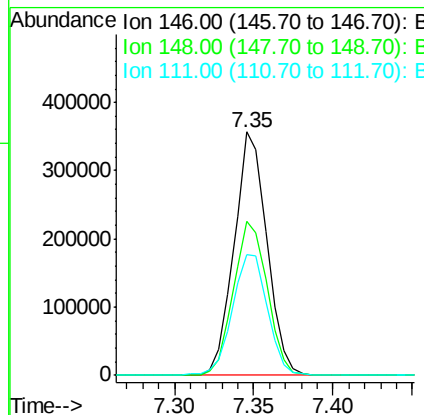
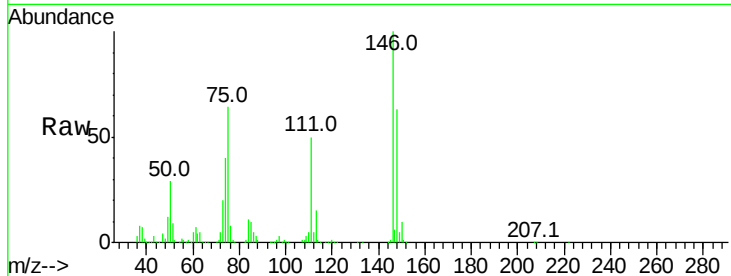
ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:	146	Resp:	512085
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.9	77.9
111	49.8	29.2	43.8#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 44.085 ng

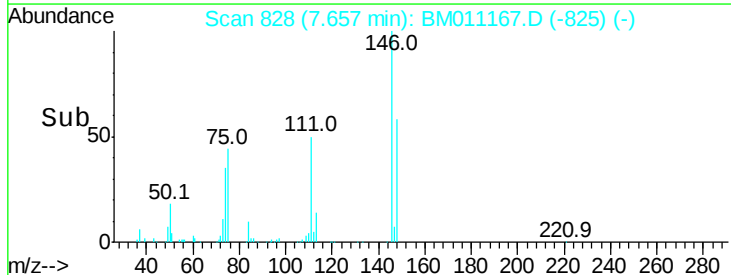
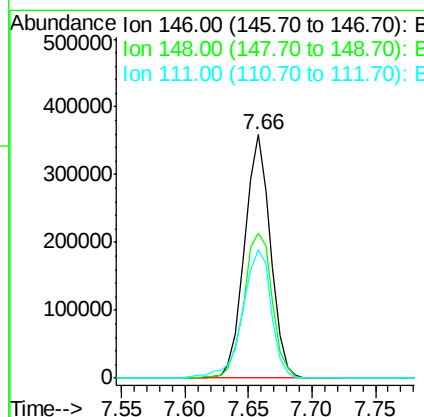
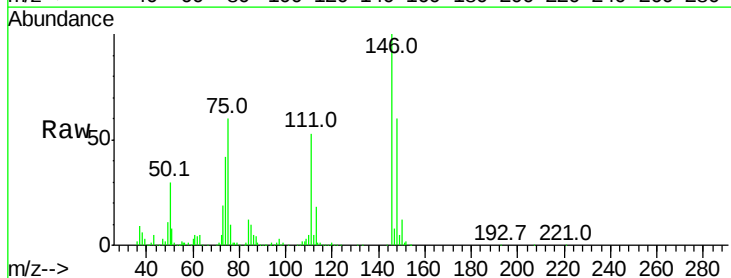
RT: 7.66 min Scan# 828

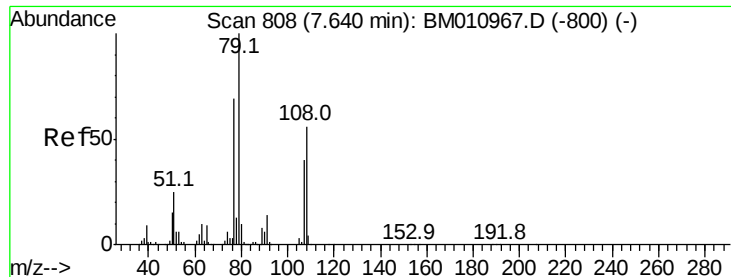
Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion:	146	Resp:	510062
Ion Ratio	Lower	Upper	
146	100		
148	59.7	52.3	78.5
111	52.6	30.6	45.8#





#15

Benzyl Alcohol

Concen: 62.013 ng

RT: 7.56 min Scan# 812

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion: 79 Resp: 806472

Ion Ratio Lower Upper

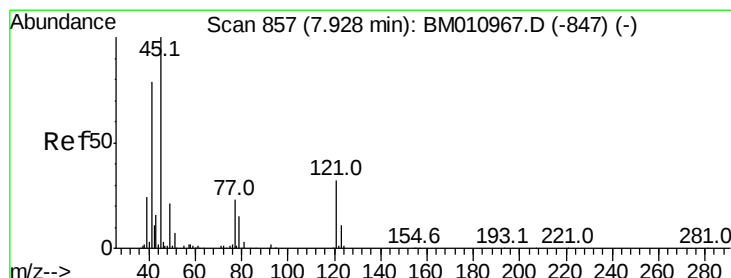
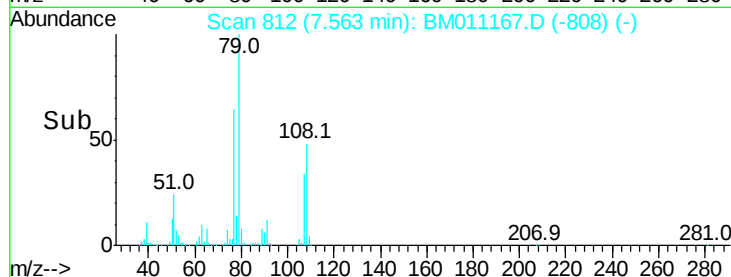
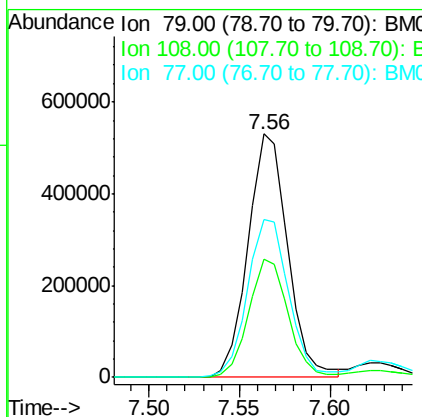
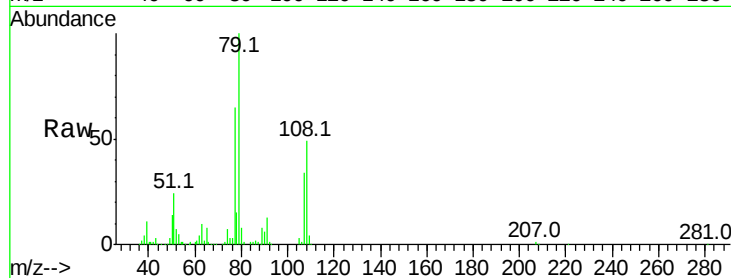
79 100

108 48.5 65.0 97.4#

77 64.8 53.0 79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.202 ng

RT: 7.85 min Scan# 861

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

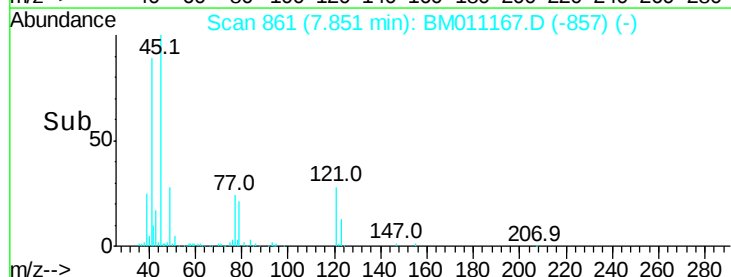
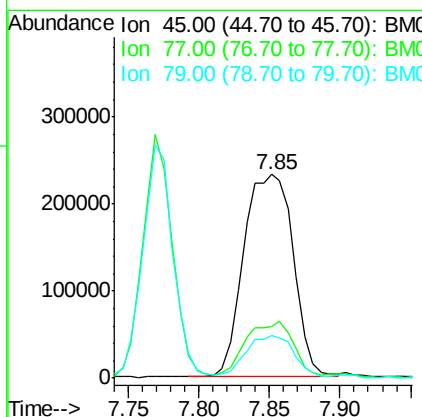
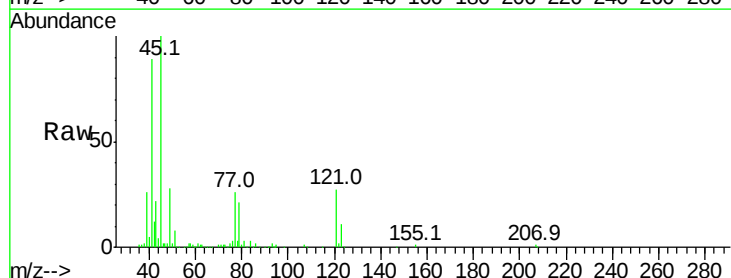
Tgt Ion: 45 Resp: 569904

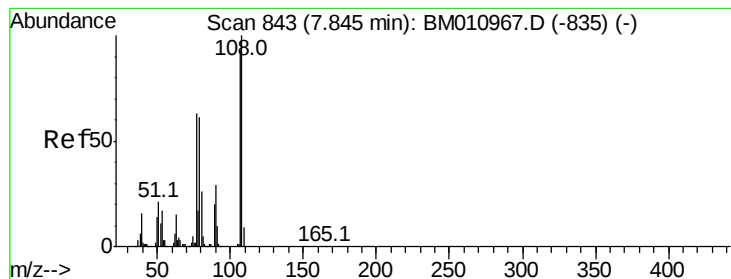
Ion Ratio Lower Upper

45 100

77 25.6 0.0 35.2

79 20.8 0.0 32.0





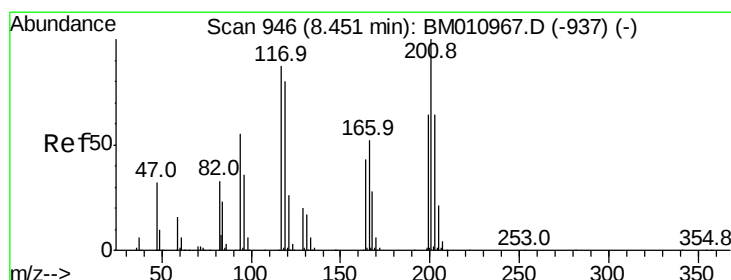
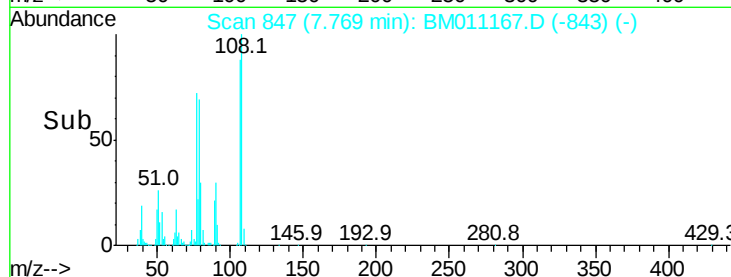
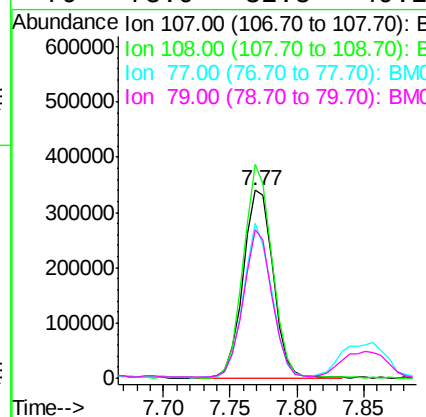
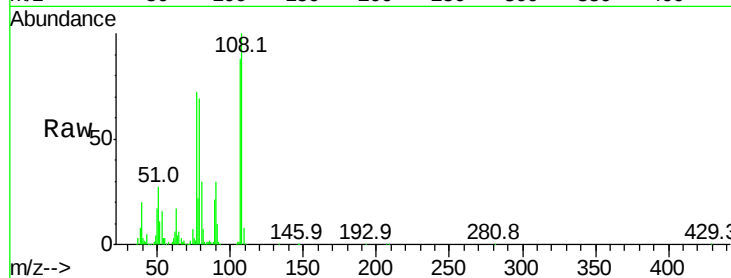
#17
2-Methylphenol
Concen: 56.163 ng
RT: 7.77 min Scan# 847
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.7	89.8	134.8
77	82.2	32.6	48.8#
79	78.9	32.8	49.2#

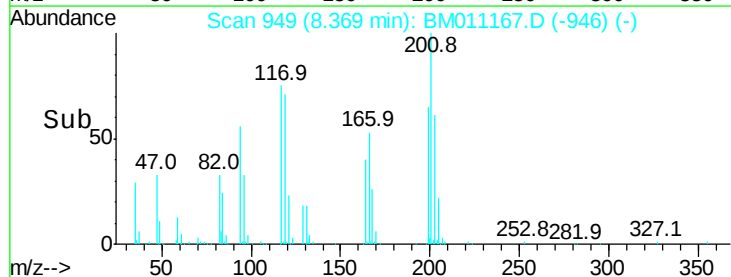
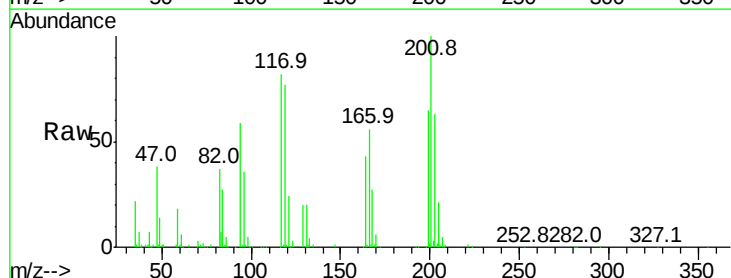
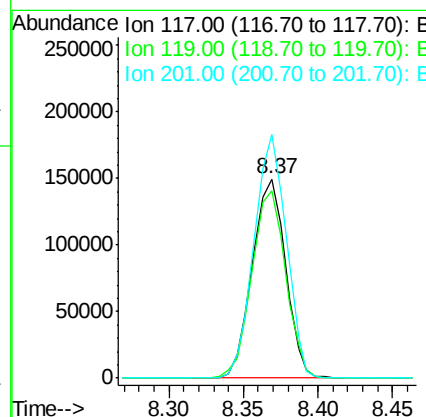
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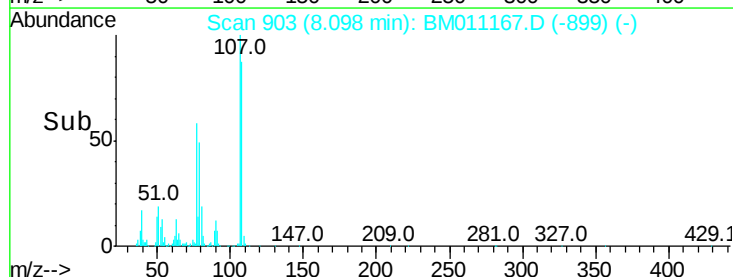
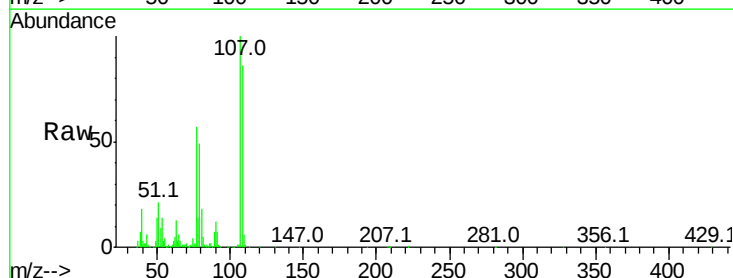
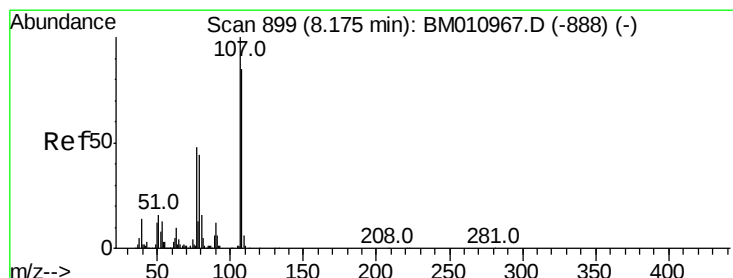
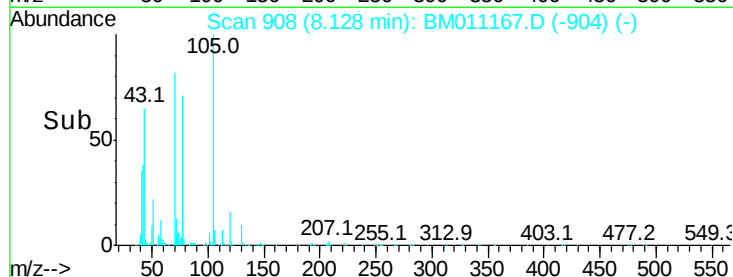
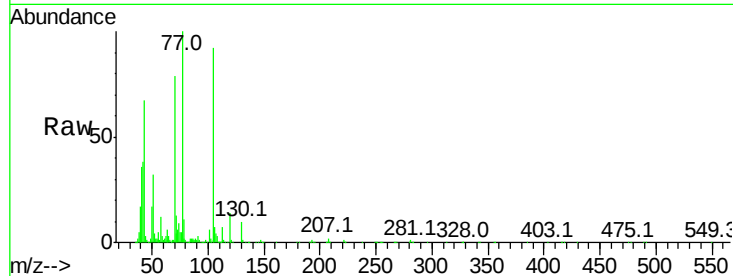
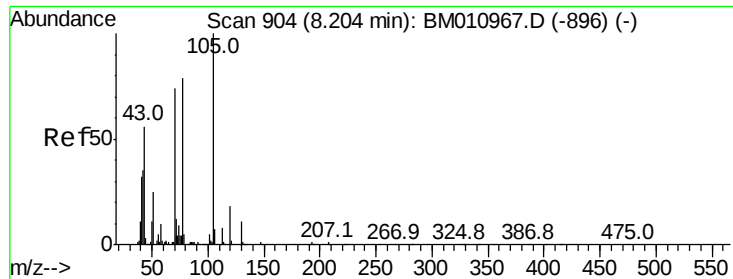
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#18
Hexachloroethane
Concen: 43.771 ng
RT: 8.37 min Scan# 949
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.1	79.2	118.8
201	122.2	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 62.007 ng

RT: 8.13 min Scan# 908

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

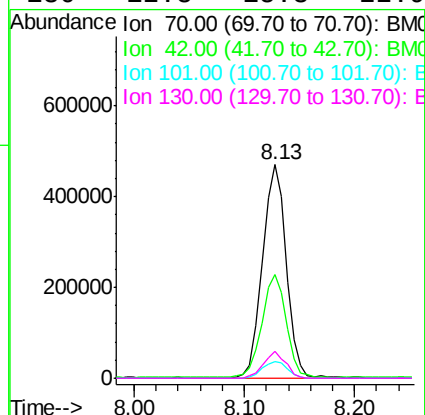
Instrument :
BNA_M

ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	44.5	66.7
101	7.6	7.4	11.2
130	12.8	15.3	22.9#

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#20

3+4-Methylphenols

Concen: 54.539 ng

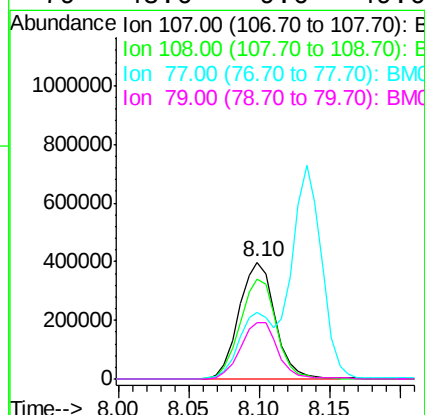
RT: 8.10 min Scan# 903

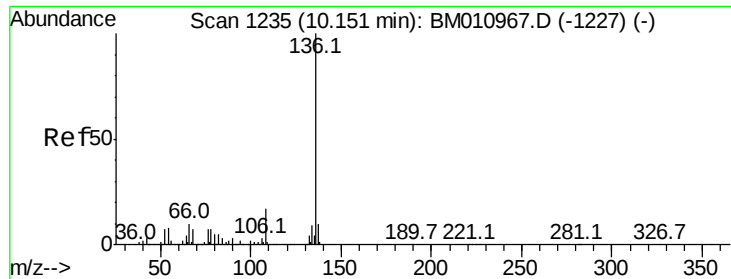
Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	73.2	113.2
77	57.2	10.7	50.7#
79	48.6	9.6	49.6





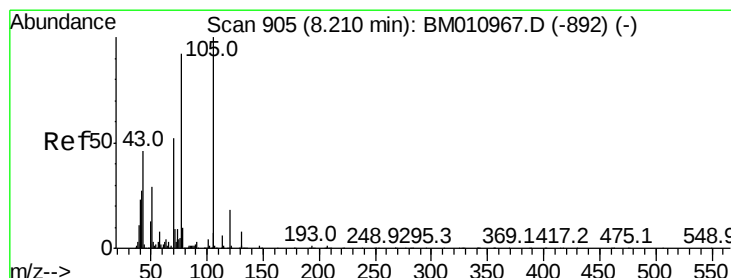
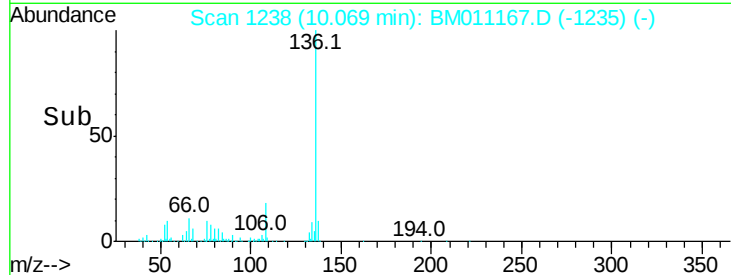
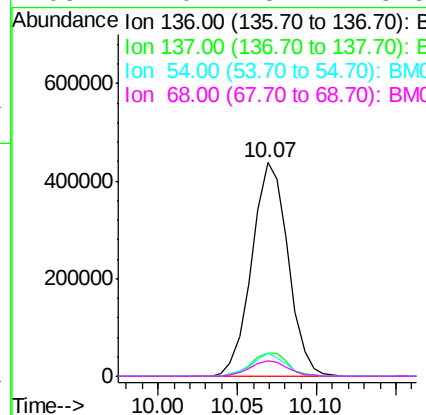
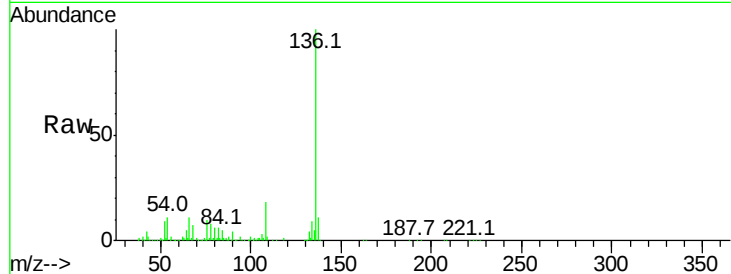
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	698134		
137	10.9	8.7	13.1	
54	10.5	4.6	6.8#	
68	7.0	3.7	5.5#	

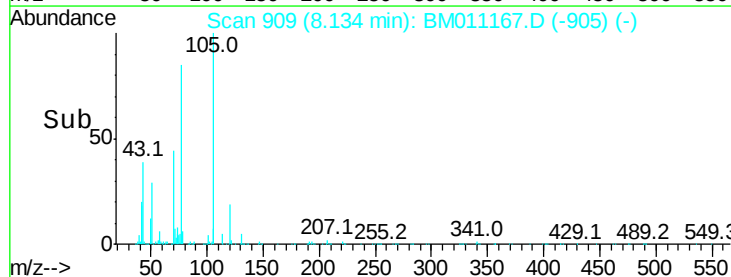
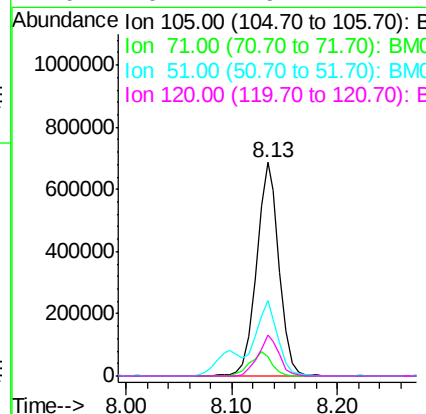
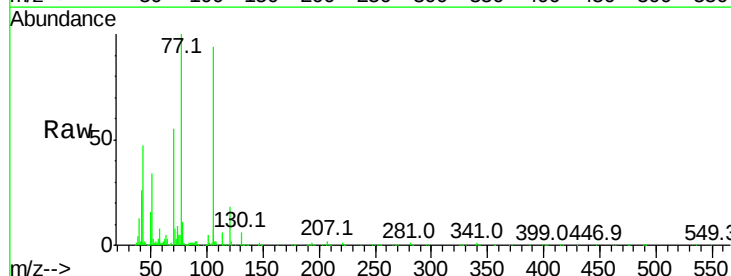
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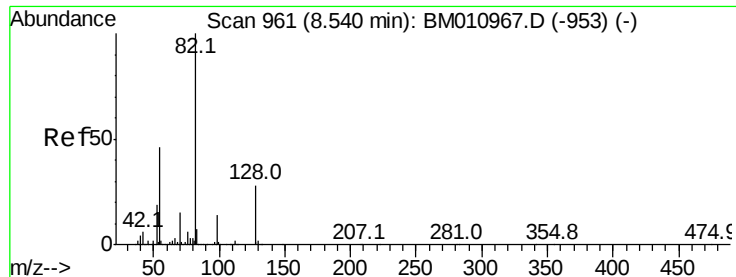
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#22
Acetophenone
Concen: 48.492 ng
RT: 8.13 min Scan# 909
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1014794		
71	8.9	0.6	1.0#	
51	35.6	21.6	32.4#	
120	19.1	16.1	24.1	





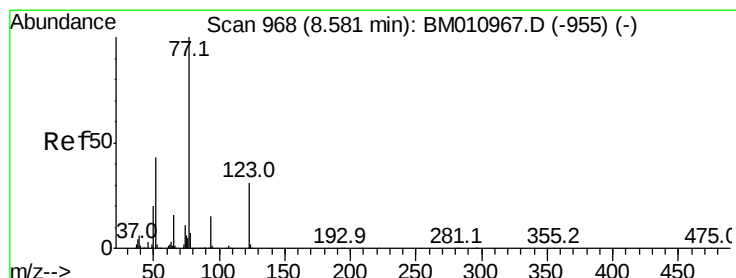
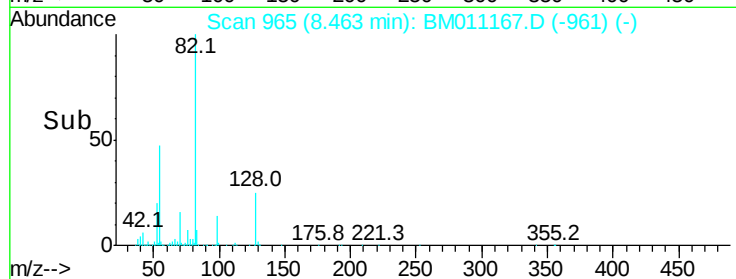
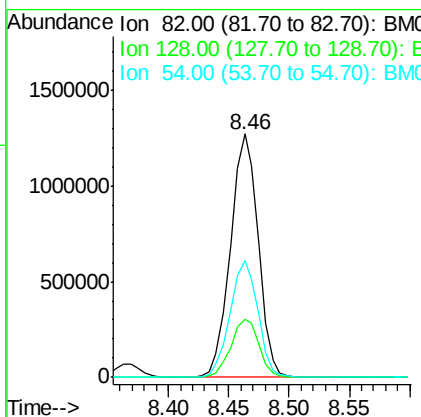
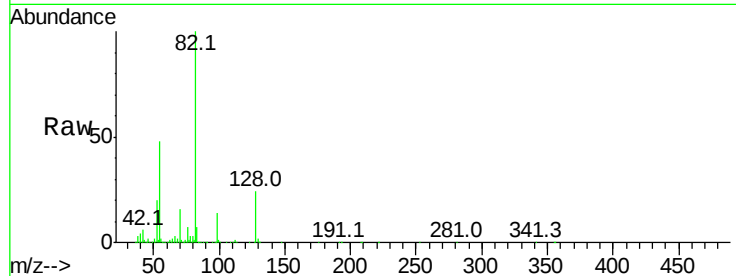
#23
Nitrobenzene-d5
Concen: 109.688 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	82	Resp	2040331
Ion Ratio	100	Lower	Upper
82	100		
128	23.9	32.8	49.2#
54	47.8	40.6	60.8

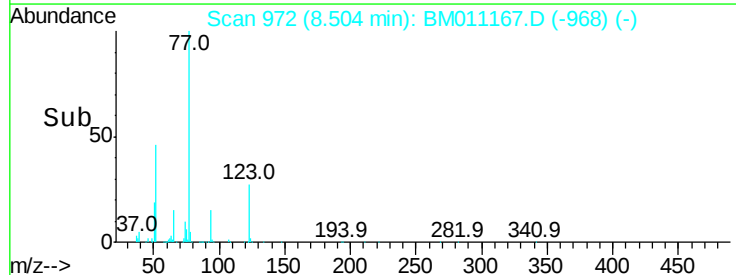
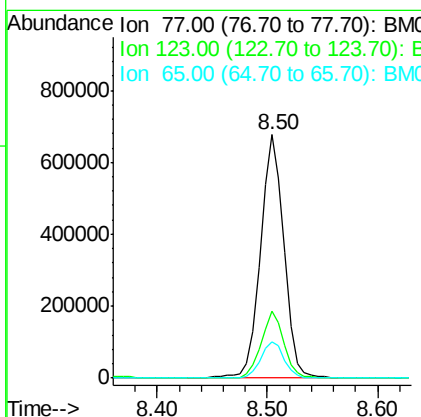
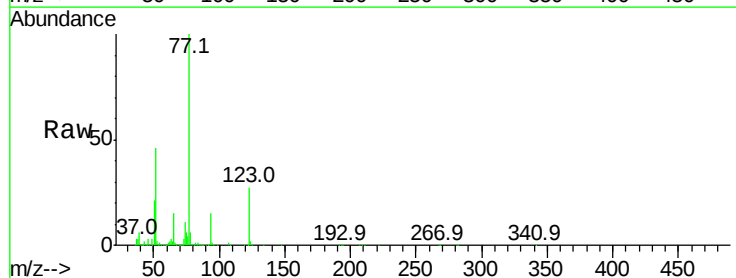
Manual Integrations
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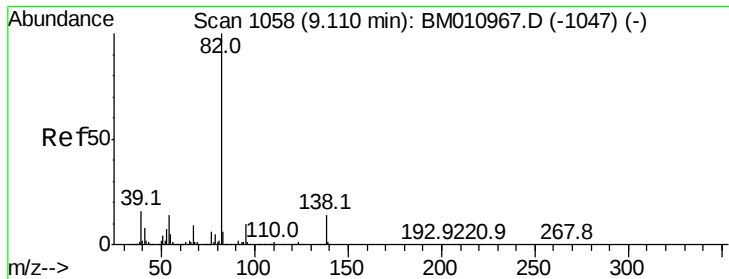
Sohil
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#24
Nitrobenzene
Concen: 52.039 ng
RT: 8.50 min Scan# 972
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	77	Resp	1003069
Ion Ratio	100	Lower	Upper
77	100		
123	27.4	32.6	49.0#
65	15.0	10.9	16.3





#25

Isophorone

Concen: 57.545 ng

RT: 9.03 min Scan# 1061

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion: 82 Resp: 1784704

Ion Ratio Lower Upper

82 100

95 9.5 5.8 8.6#

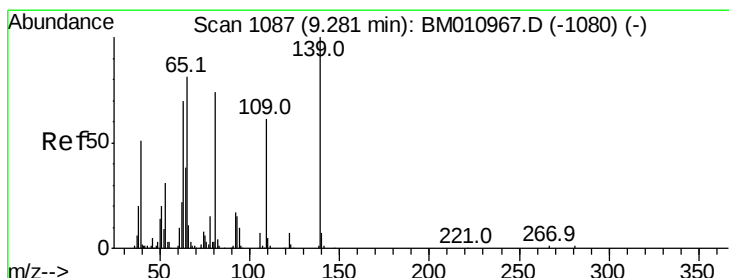
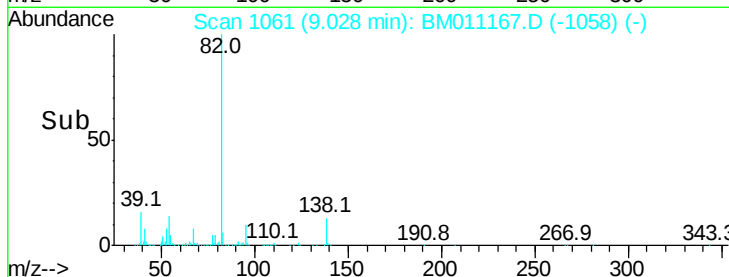
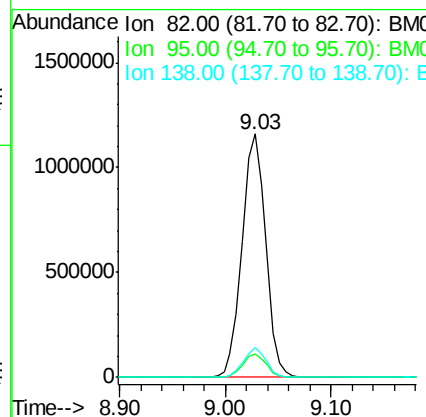
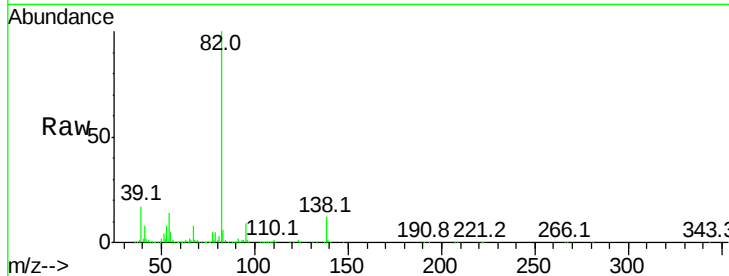
138 12.1 16.3 24.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.312 ng

RT: 9.20 min Scan# 1091

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

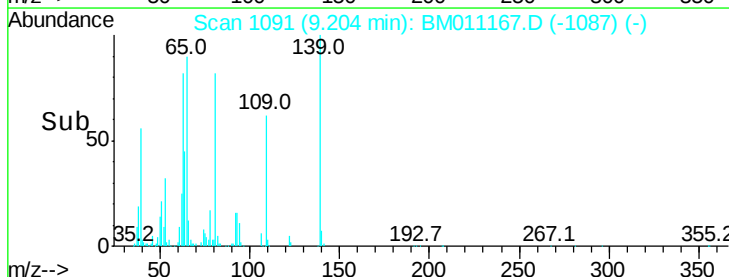
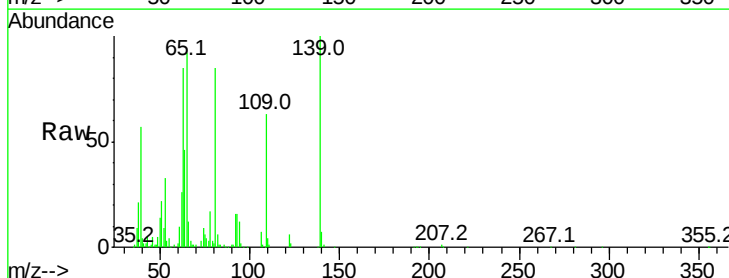
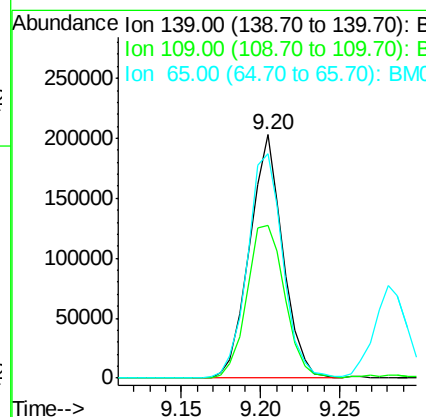
Tgt Ion: 139 Resp: 296305

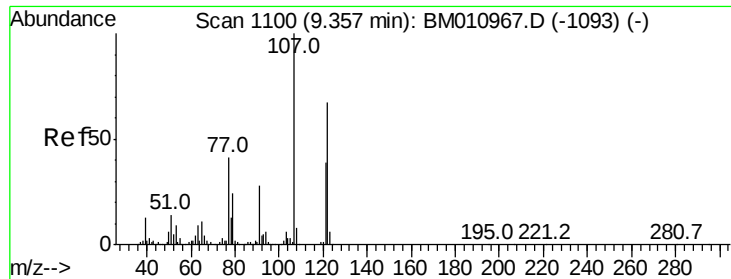
Ion Ratio Lower Upper

139 100

109 62.9 20.1 30.1#

65 92.3 31.5 47.3#





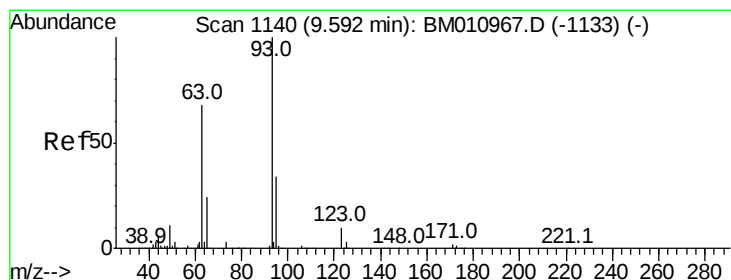
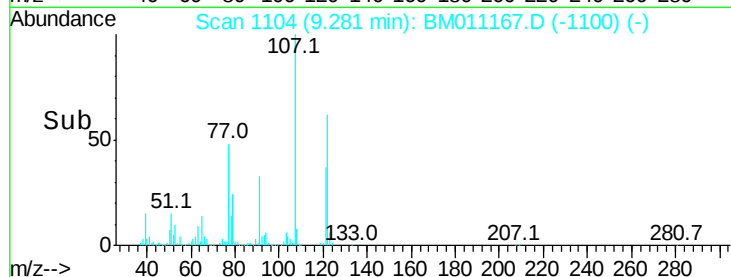
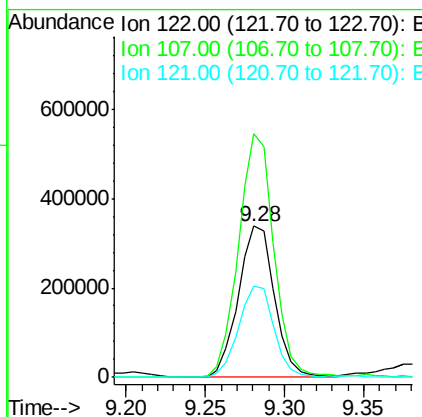
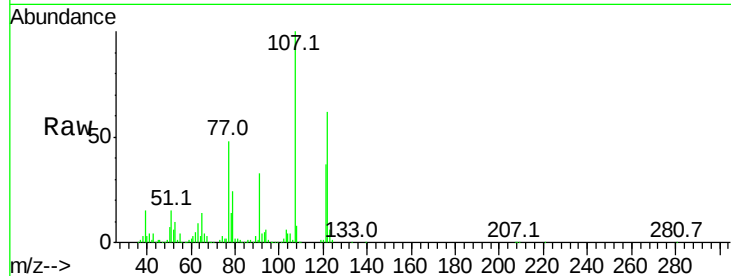
#27
2,4-Dimethylphenol
Concen: 49.781 ng
RT: 9.28 min Scan# 1104
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	537471		
107	161.1	84.7	127.1#	
121	60.2	46.6	69.8	

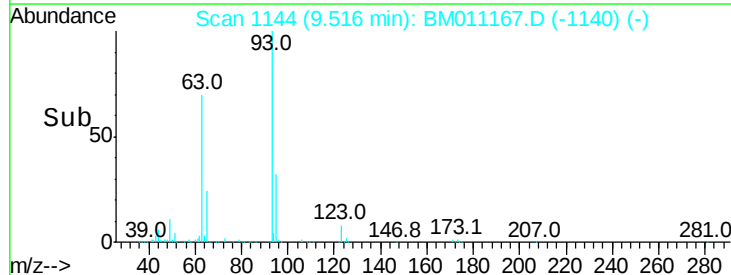
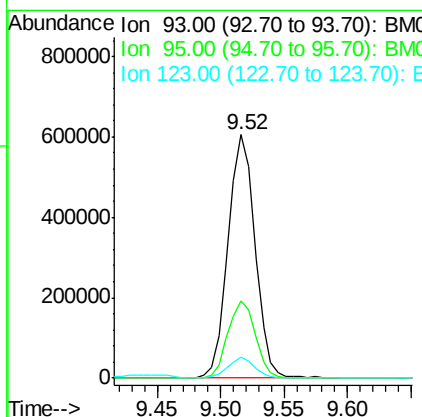
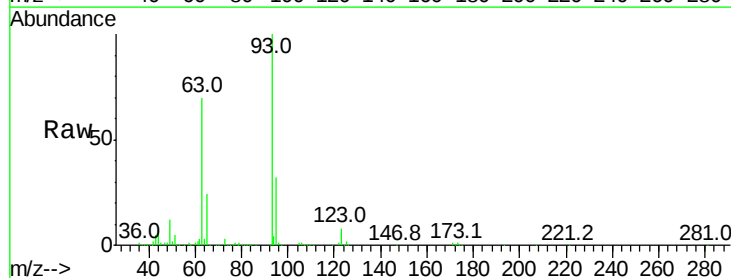
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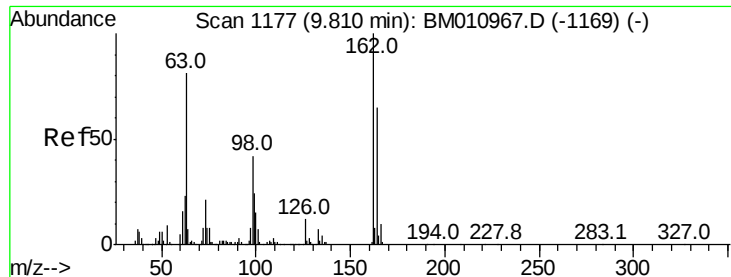
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#28
bis(2-Chloroethoxy)methane
Concen: 51.681 ng
RT: 9.52 min Scan# 1144
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	893979		
95	31.9	25.5	38.3	
123	8.4	8.6	13.0#	





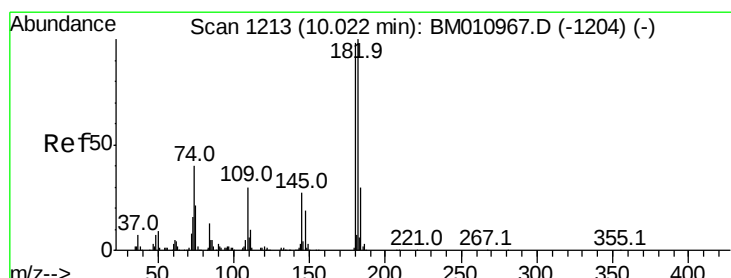
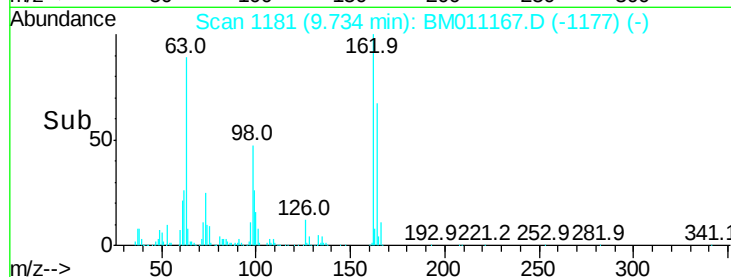
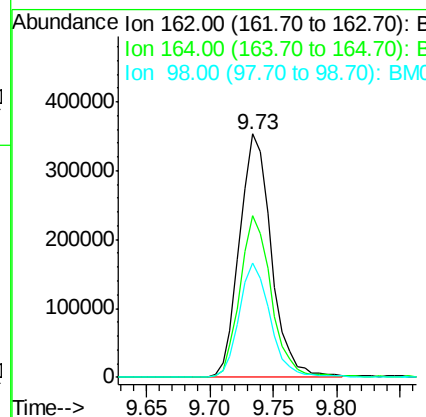
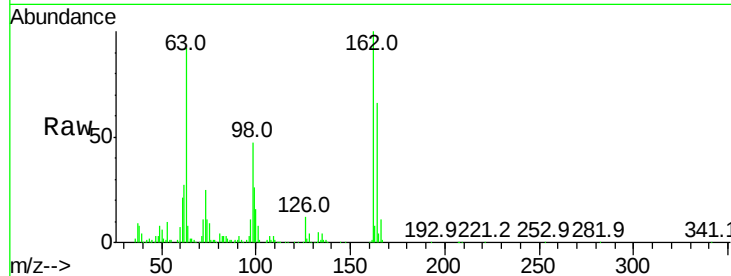
#29
2,4-Dichlorophenol
Concen: 50.756 ng
RT: 9.73 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	615790		
164	66.2	42.8	82.8	
98	46.9	14.5	54.5	

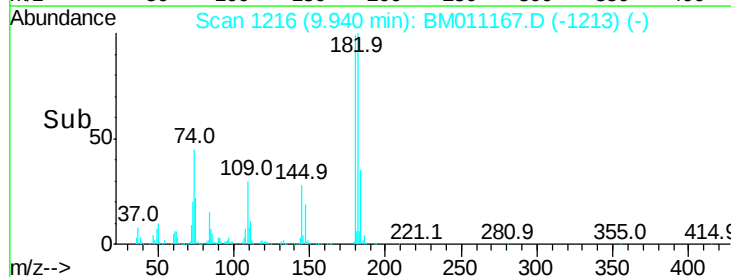
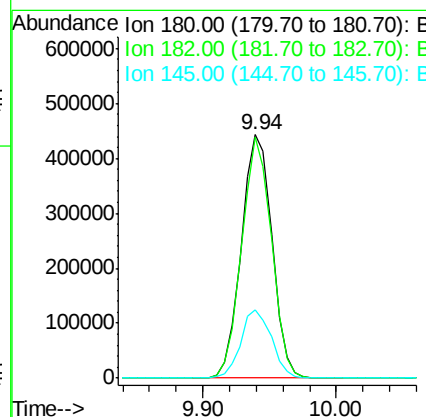
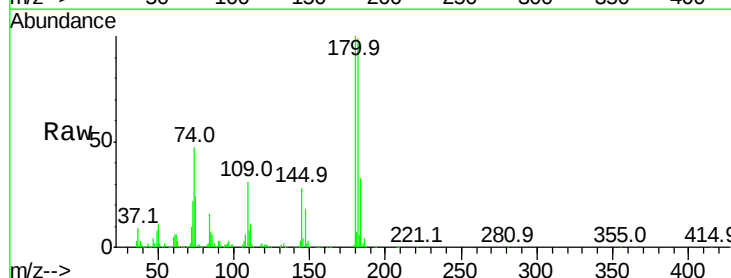
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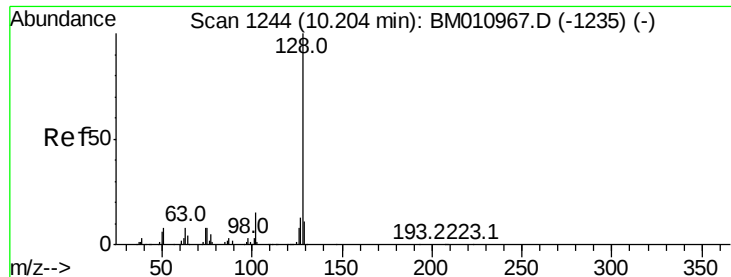
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#30
1,2,4-Trichlorobenzene
Concen: 46.856 ng
RT: 9.94 min Scan# 1216
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	702890		
182	99.2	77.6	116.4	
145	28.0	23.4	35.2	





#31

Naphthalene

Concen: 48.336 ng

RT: 10.12 min Scan# 1247

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:128 Resp: 1697582

Ion Ratio Lower Upper

128 100

129 10.0 8.9 13.3

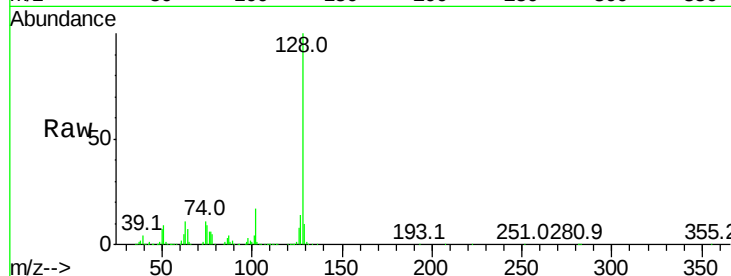
127 13.6 10.4 15.6

Manual Integrations

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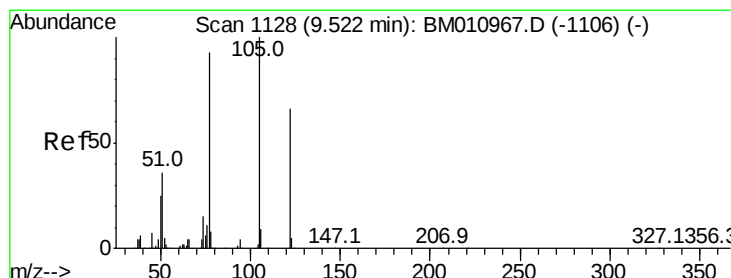
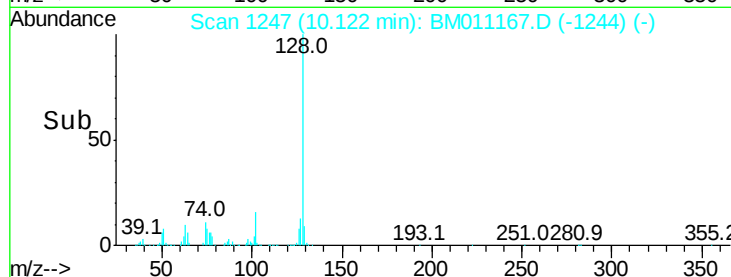
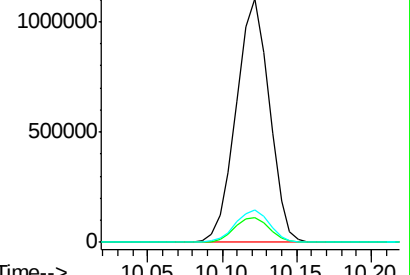
8/10/2017 6:13:07 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.629 ng

RT: 9.45 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

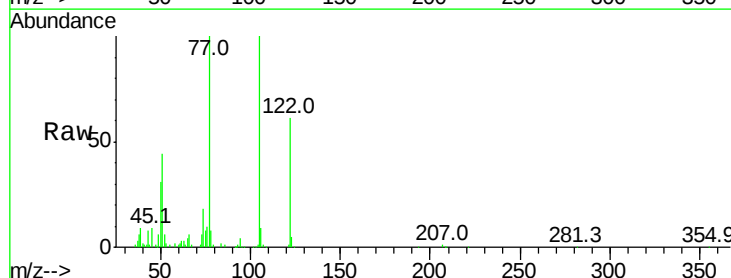
Tgt Ion:122 Resp: 361271

Ion Ratio Lower Upper

122 100

105 163.9 99.9 139.9#

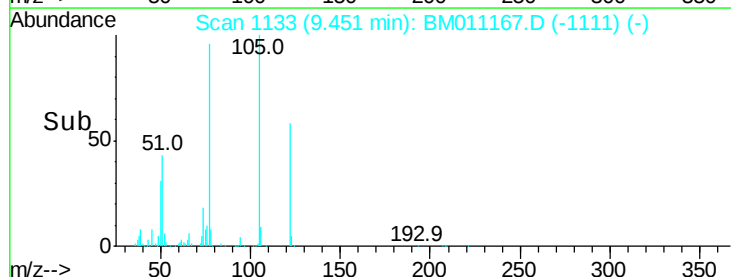
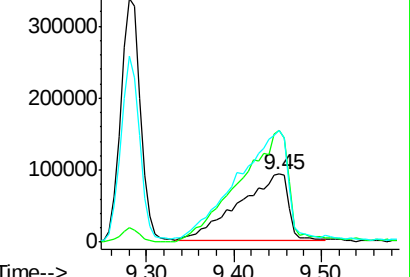
77 163.7 73.7 113.7#

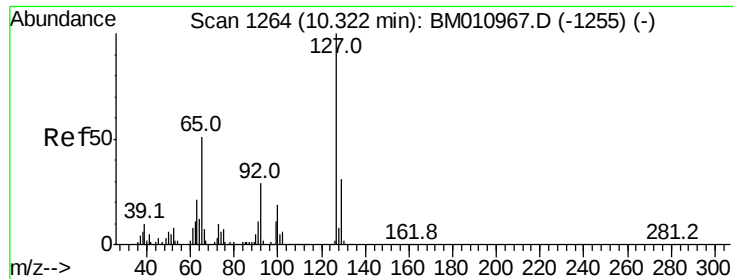


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





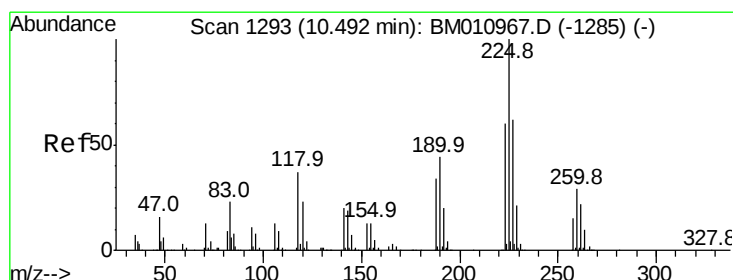
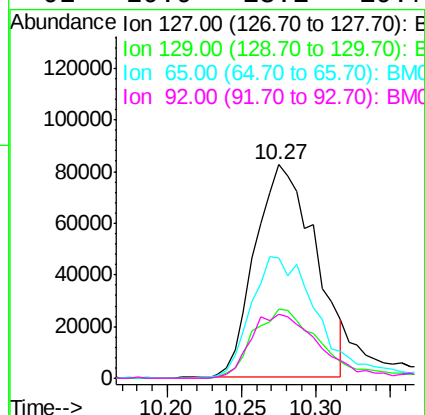
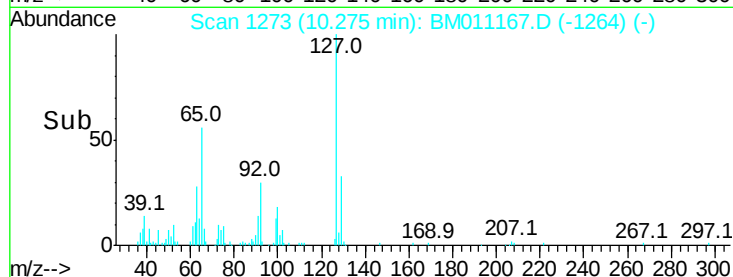
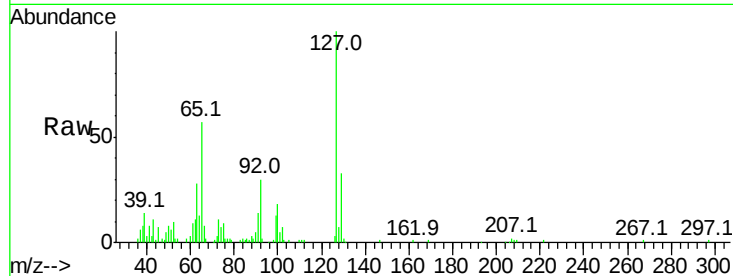
#33
4-Chloroaniline
Concen: 16.470 ng
RT: 10.27 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	56.6	17.6	26.4
92	29.9	13.1	19.7

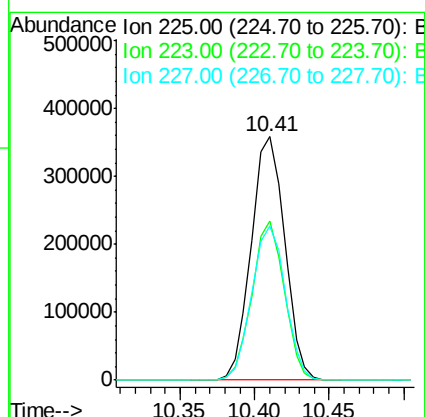
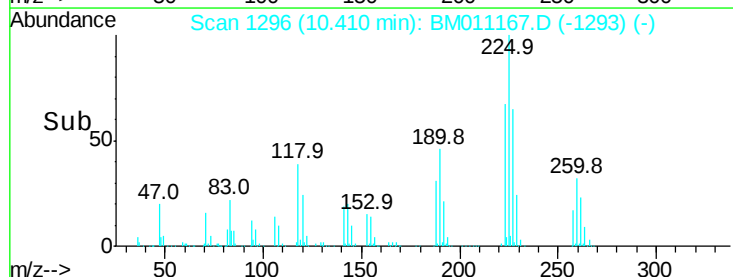
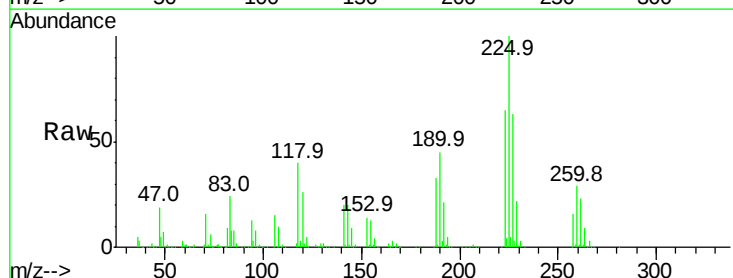
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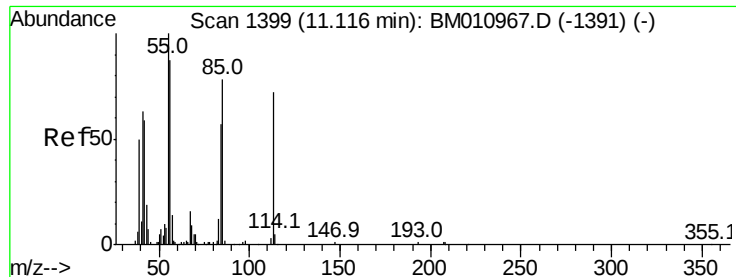
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#34
Hexachlorobutadiene
Concen: 47.129 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	47.9	71.9
227	63.3	50.1	75.1





#35

Caprolactam

Concen: 58.082 ng/mL

RT: 11.05 min Scan# 1405

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

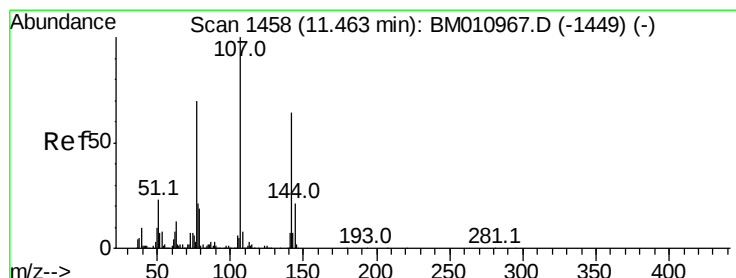
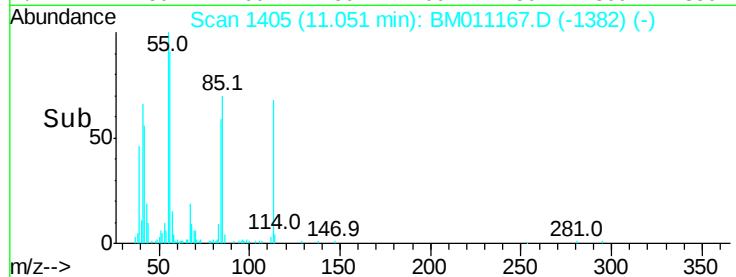
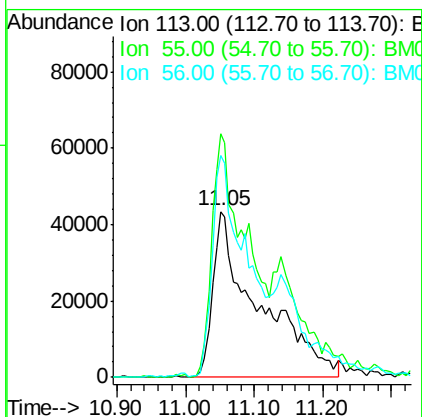
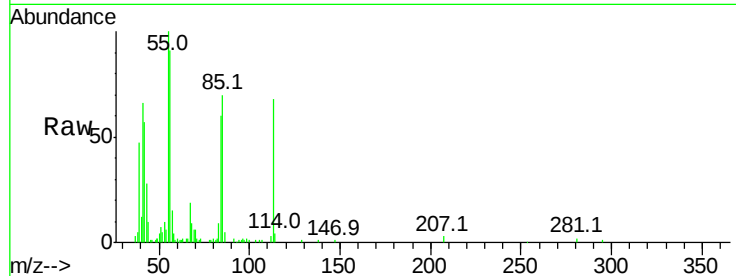
ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:	113	Resp:	199834
Ion Ratio	Lower	Upper	
113	100		
55	146.8	145.9	185.9
56	133.5	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 57.952 ng/mL

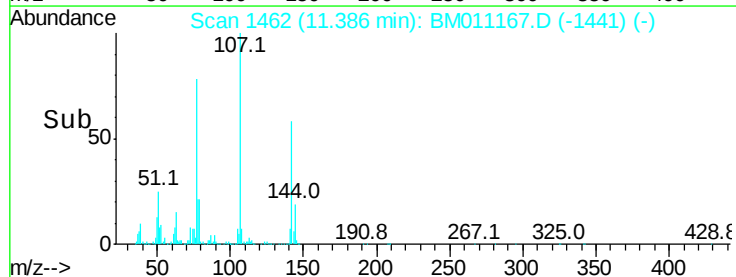
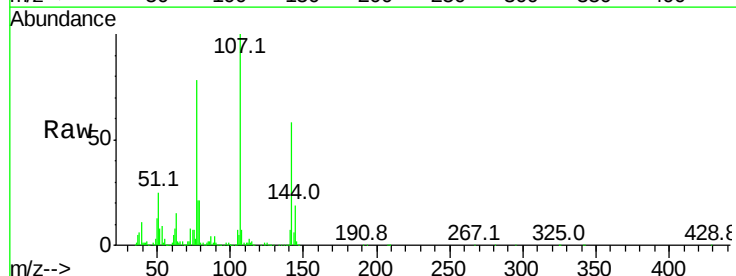
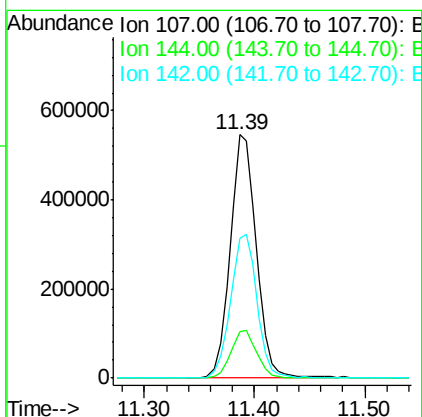
RT: 11.39 min Scan# 1462

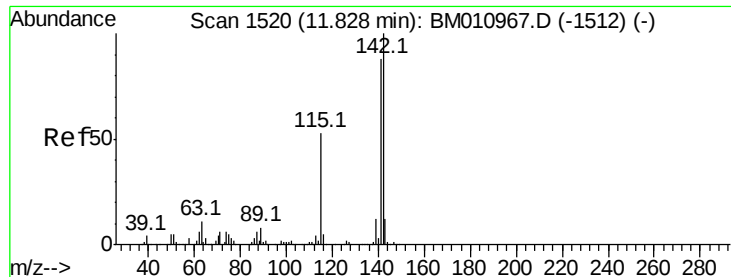
Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion:	107	Resp:	907866
Ion Ratio	Lower	Upper	
107	100		
144	19.2	23.3	34.9#
142	57.7	72.6	109.0#





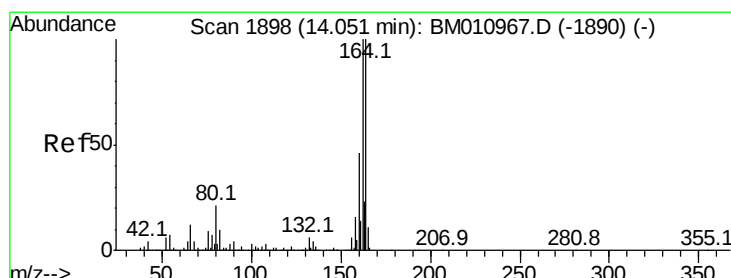
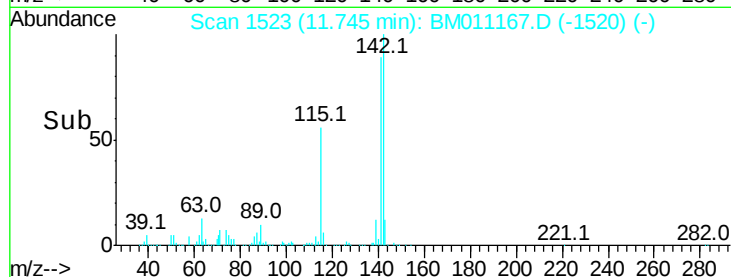
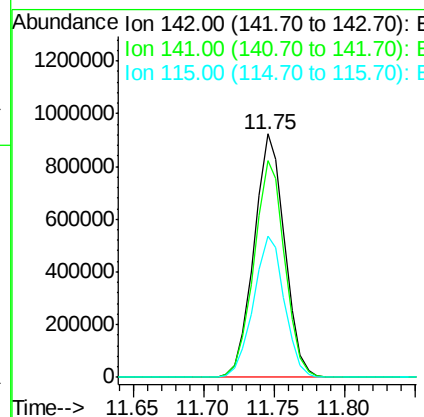
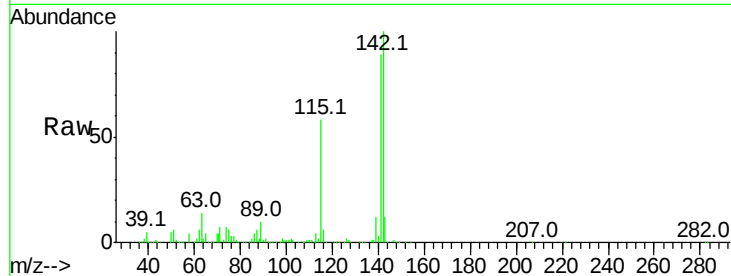
#37
 2-Methylnaphthalene
 Concen: 54.806 ng
 RT: 11.75 min Scan# 1523
 Delta R.T. -0.08 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	58.0	25.4	38.0

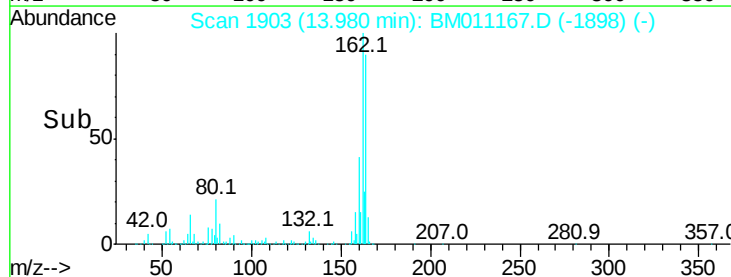
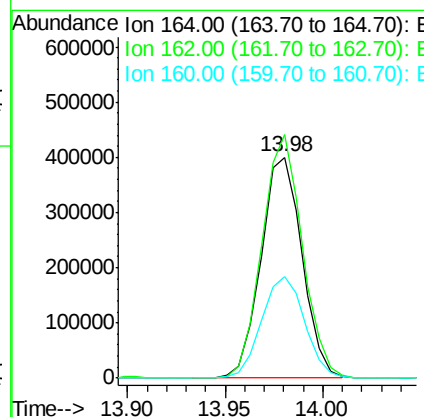
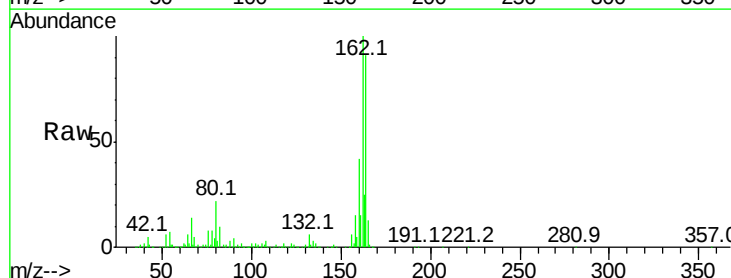
Manual Integrations
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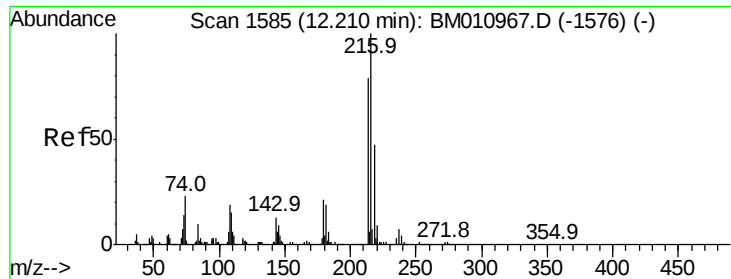
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.3	82.4	123.6
160	46.0	35.8	53.6





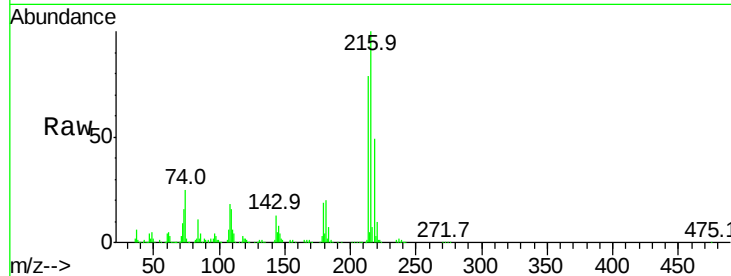
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.913 ng
 RT: 12.13 min Scan# 1589
 Delta R.T. -0.08 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	19.8	0.0	0.0#
108	19.7	0.0	0.0#

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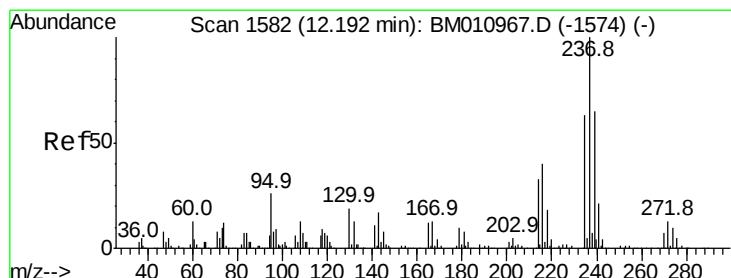
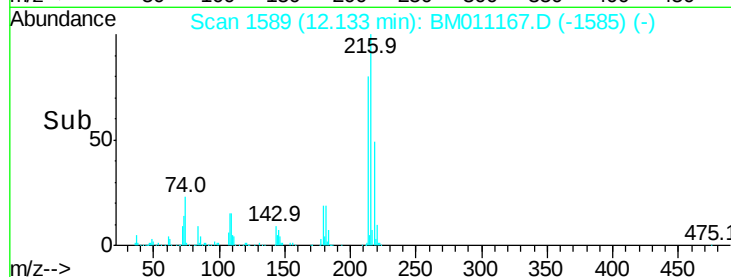
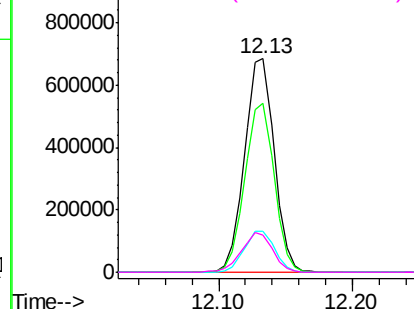
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

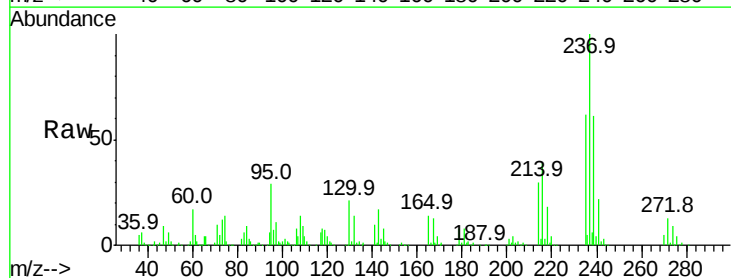
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 22.105 ng
 RT: 12.11 min Scan# 1585
 Delta R.T. -0.08 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.0	82.0
272	12.6	0.0	33.4

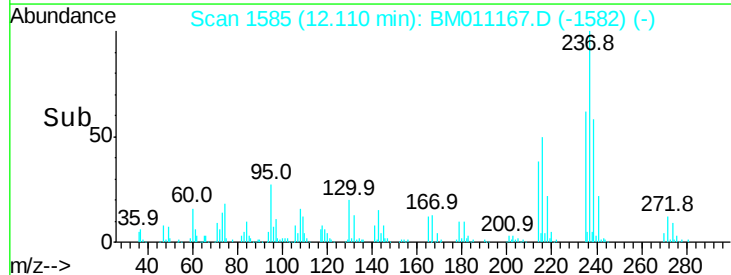
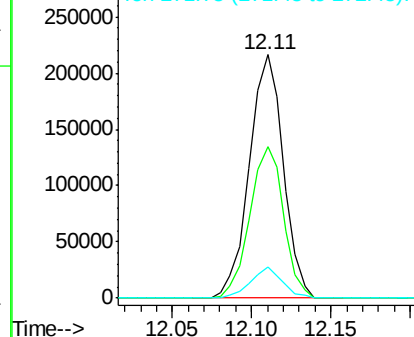


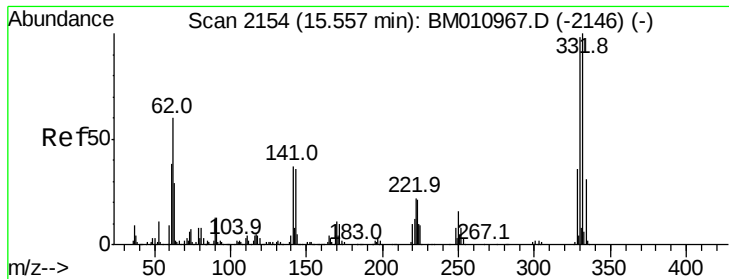
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





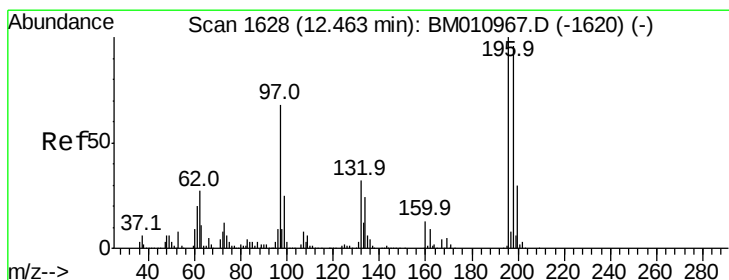
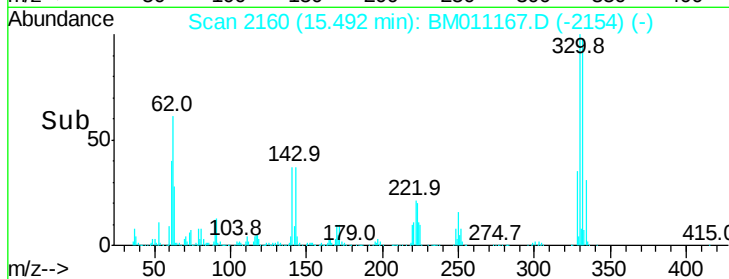
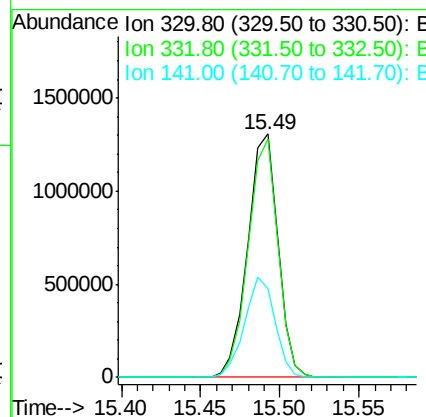
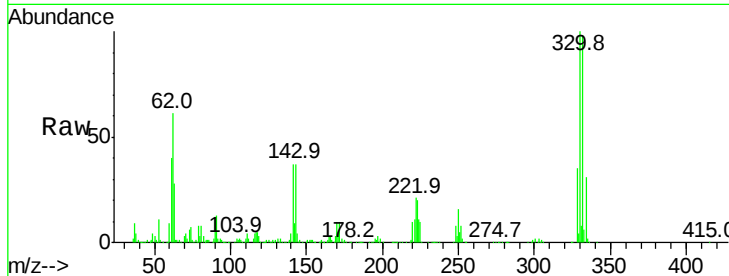
#41
 2,4,6-Tribromophenol
 Concen: 186.083 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	41.7	0.0	0.0#

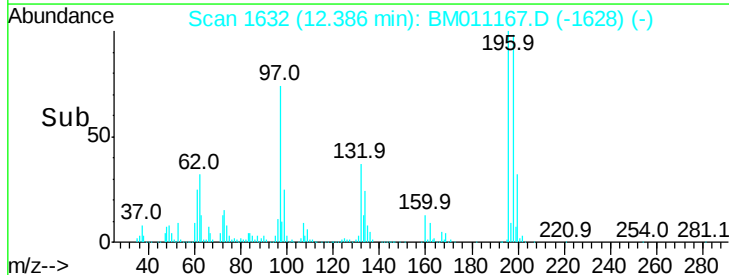
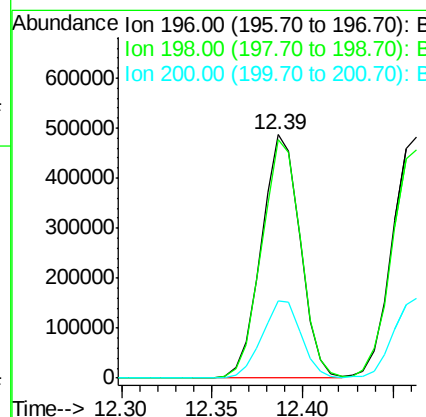
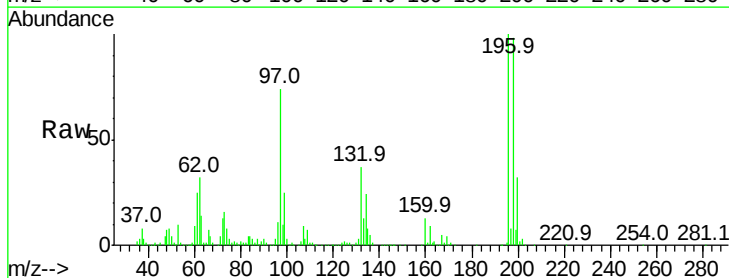
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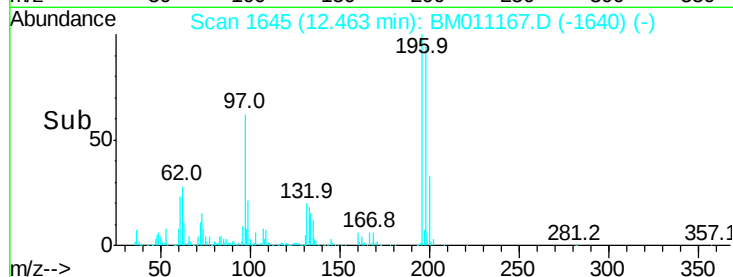
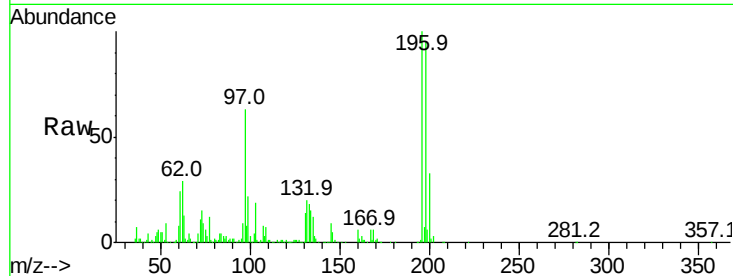
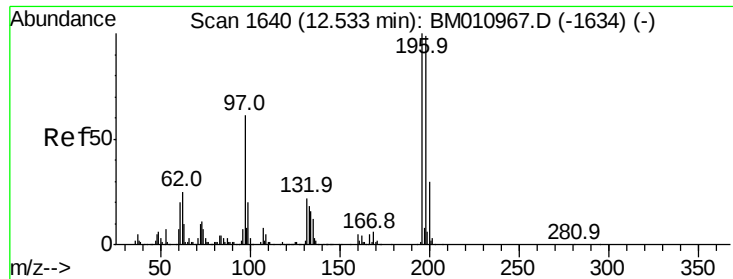
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#42
 2,4,6-Trichlorophenol
 Concen: 47.829 ng
 RT: 12.39 min Scan# 1632
 Delta R.T. -0.08 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.3	114.5
200	31.5	25.6	38.4





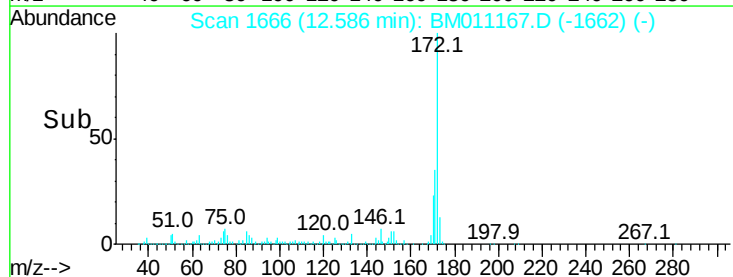
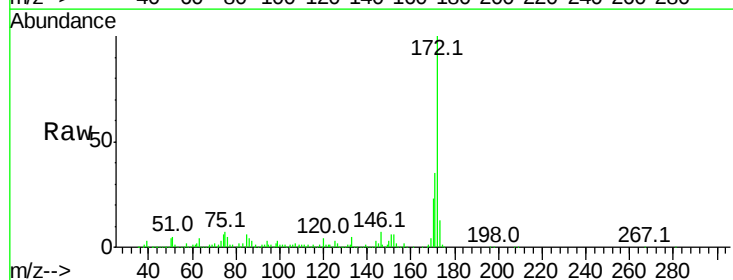
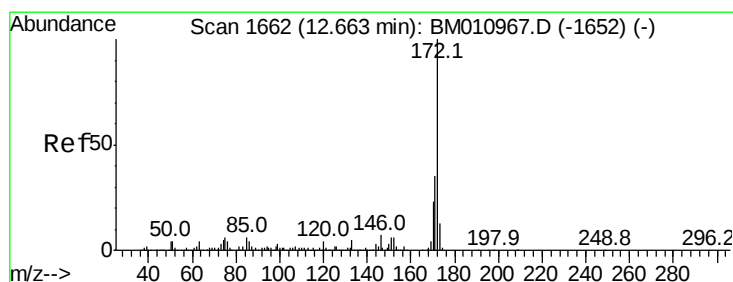
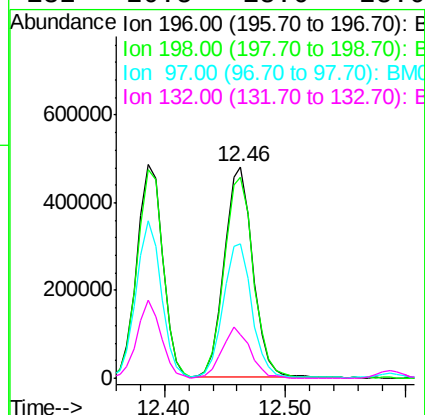
#43
2,4,5-Trichlorophenol
Concen: 50.229 ng
RT: 12.46 min Scan# 1645
Delta R.T. -0.07 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tot Ion	196	Resp	783395
Ion Ratio	Lower	Upper	
196	100		
198	94.7	79.4	119.0
97	63.3	26.8	40.2#
132	20.5	18.6	28.0

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

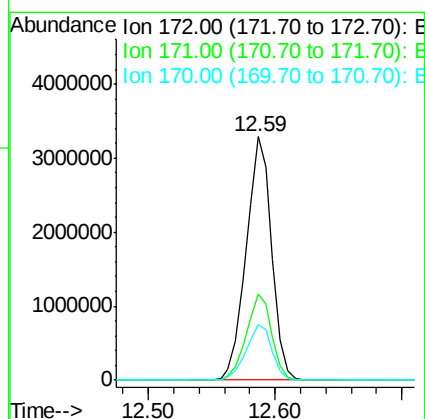
Manual Integrations
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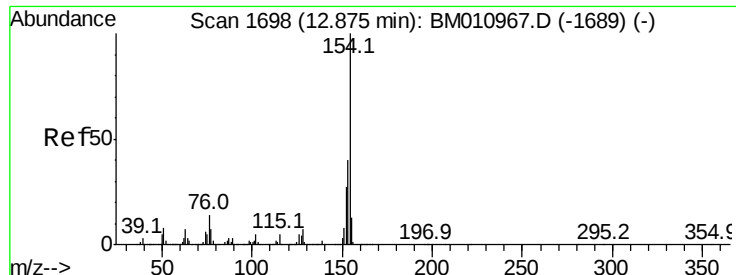
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#44
2-Fluorobiphenyl
Concen: 98.259 ng
RT: 12.59 min Scan# 1666
Delta R.T. -0.08 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	172	Resp	4562458
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.5	42.7
170	23.0	18.8	28.2





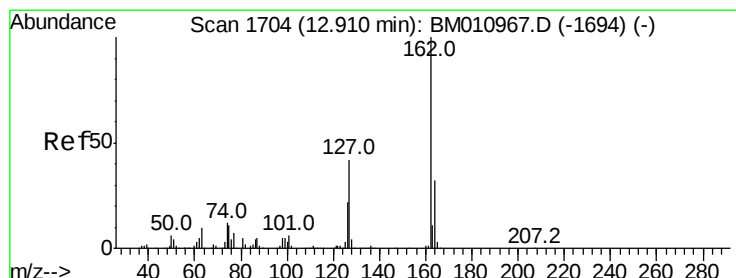
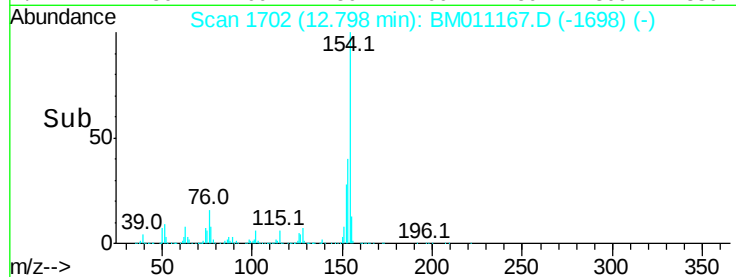
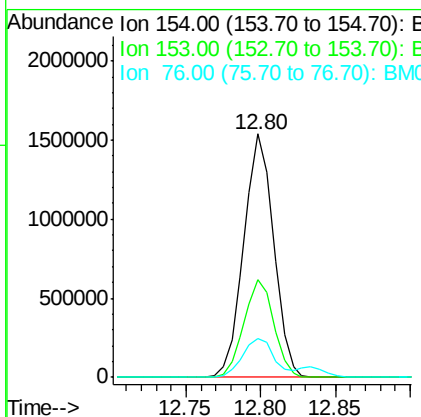
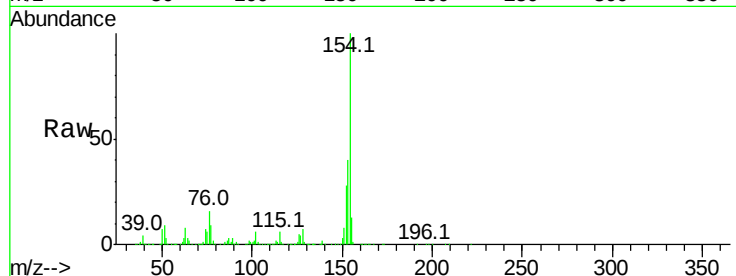
#45
 1,1'-Biphenyl
 Concen: 42.302 ng
 RT: 12.80 min Scan# 1702
 Delta R.T. -0.08 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	15.7	0.0	30.9

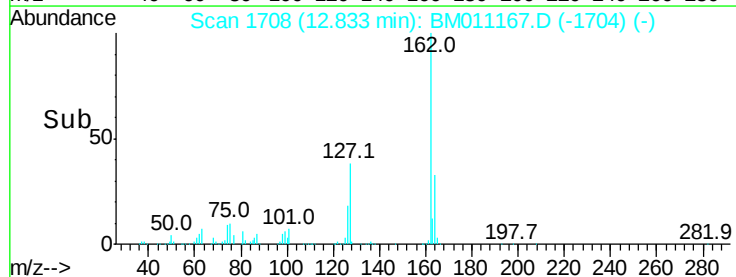
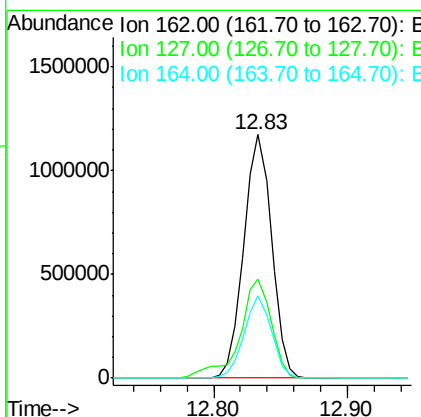
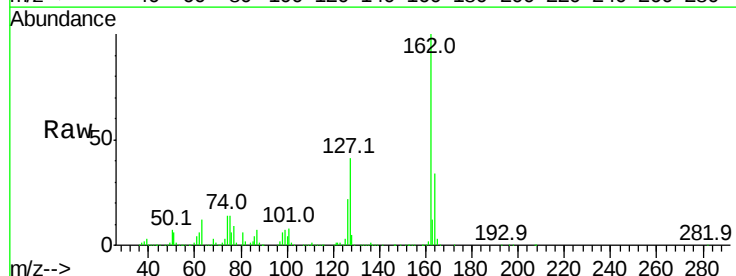
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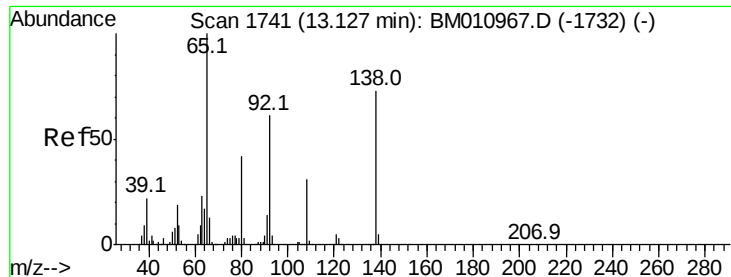
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#46
 2-Chloronaphthalene
 Concen: 45.581 ng
 RT: 12.83 min Scan# 1708
 Delta R.T. -0.08 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	26.9	40.3#
164	33.6	26.8	40.2





#47

2-Nitroaniline

Concen: 60.267 ng

RT: 13.06 min Scan# 1746

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion: 65 Resp: 790992

Ion Ratio Lower Upper

65 100

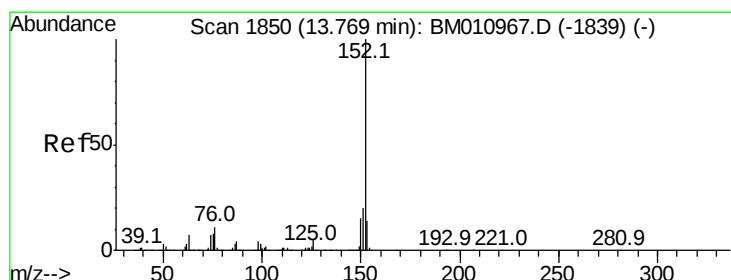
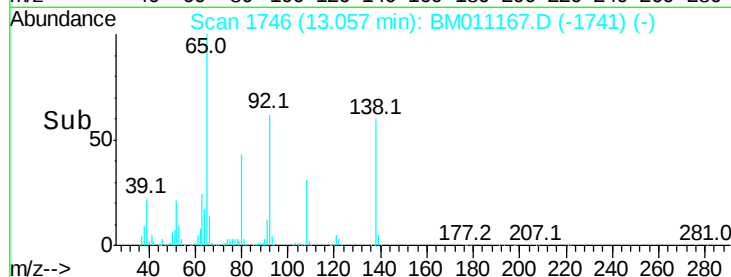
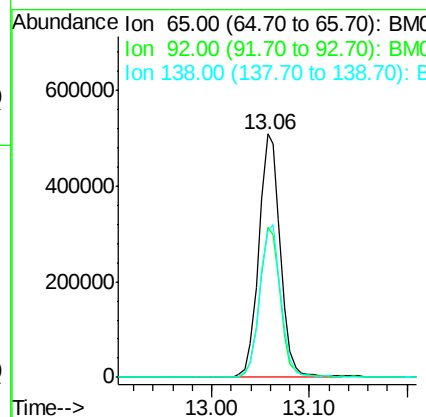
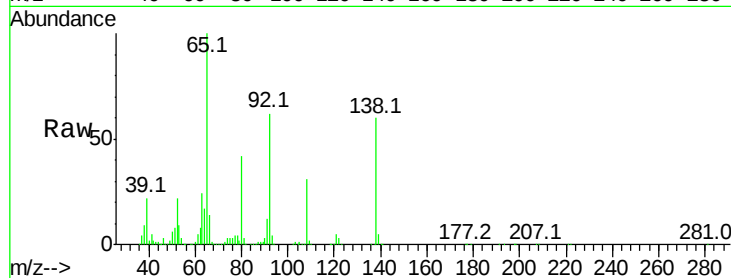
92 61.7 59.1 88.7

138 60.0 93.9 140.9#

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#48

Acenaphthylene

Concen: 48.753 ng

RT: 13.69 min Scan# 1854

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

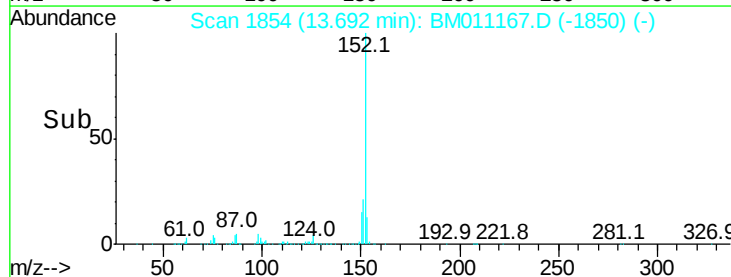
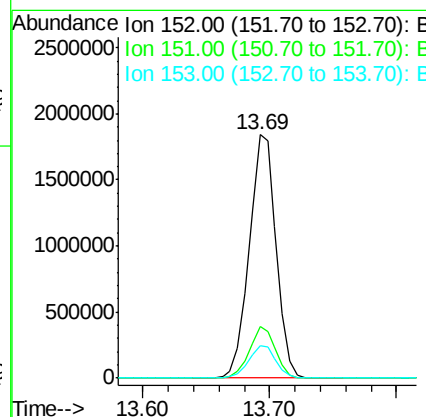
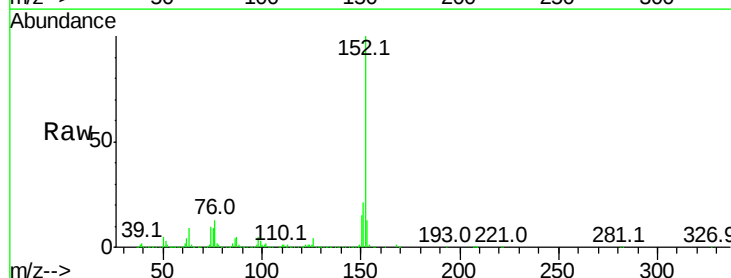
Tgt Ion: 152 Resp: 2699260

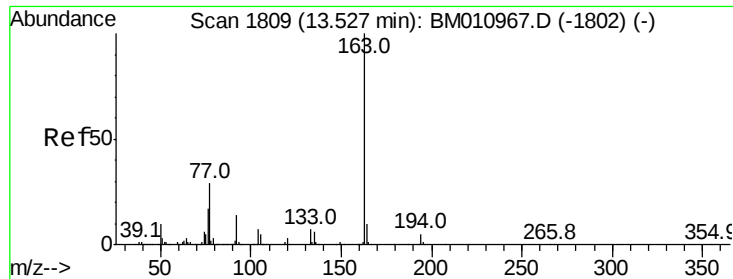
Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

153 13.5 10.6 16.0





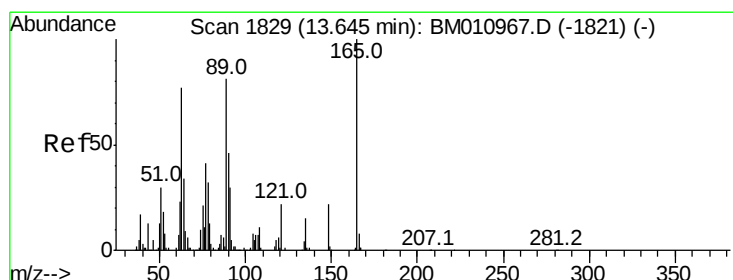
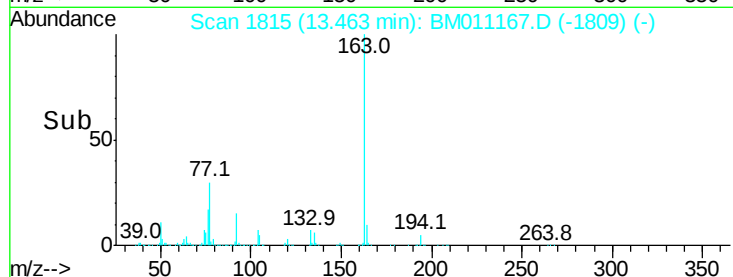
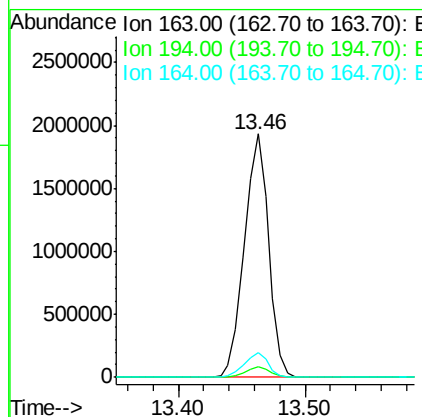
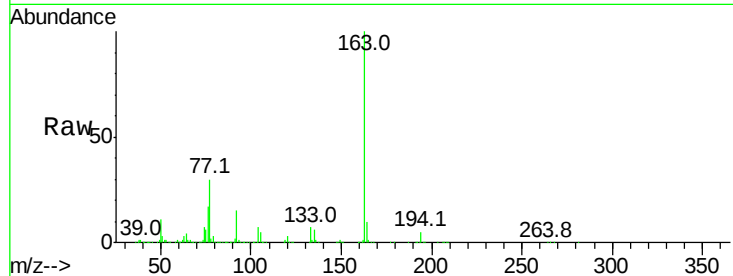
#49
Dimethylphthalate
Concen: 51.345 ng
RT: 13.46 min Scan# 1815
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.0	8.2	12.2

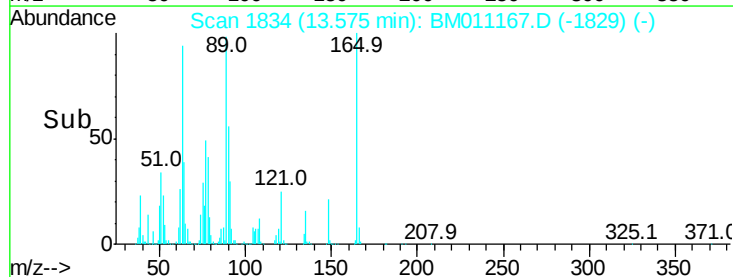
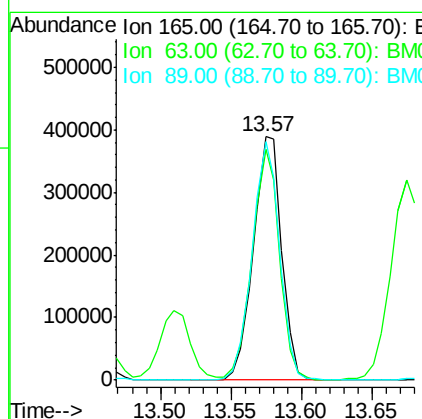
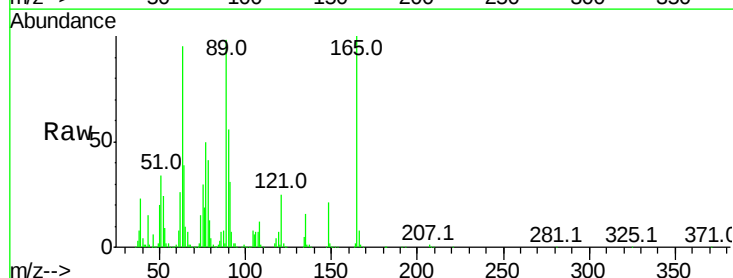
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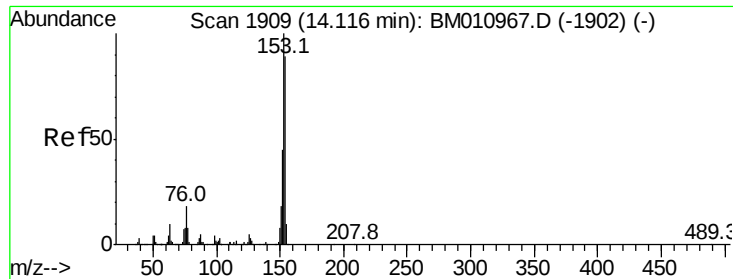
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#50
2,6-Dinitrotoluene
Concen: 54.684 ng
RT: 13.57 min Scan# 1834
Delta R.T. -0.07 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	94.9	44.1	66.1#
89	98.0	44.3	66.5#





#51

Acenaphthene

Concen: 49.397 ng

RT: 14.05 min Scan# 1914

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

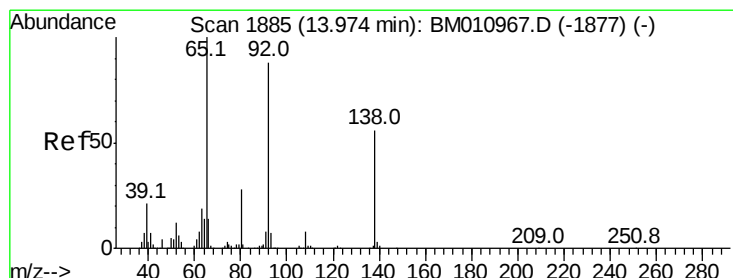
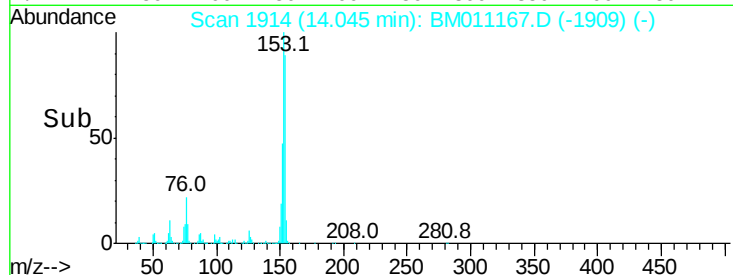
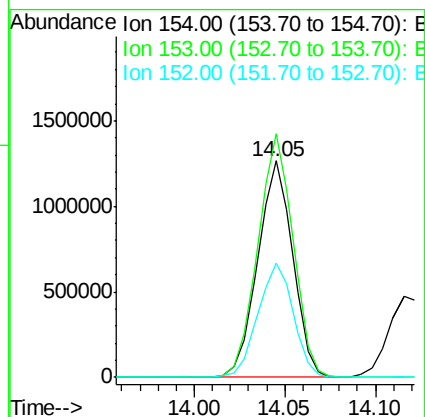
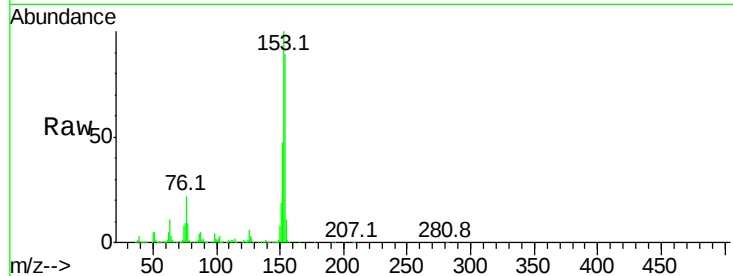
15-50-RT3460-RT4215-RT3451MSD

Tot Ion:154 Resp: 1693439

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.0	135.0
152	52.6	42.6	63.8

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#52

3-Nitroaniline

Concen: 44.850 ng

RT: 13.91 min Scan# 1891

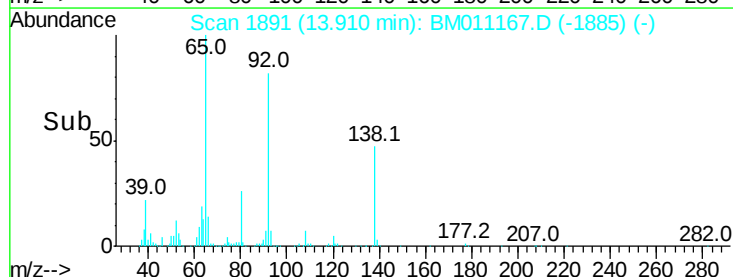
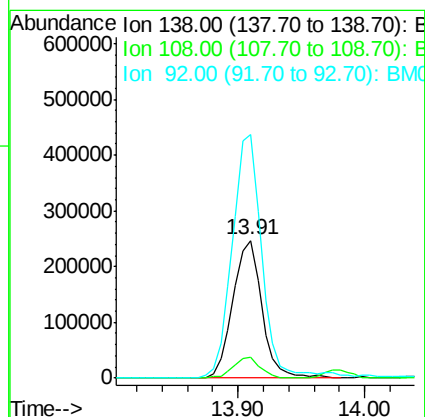
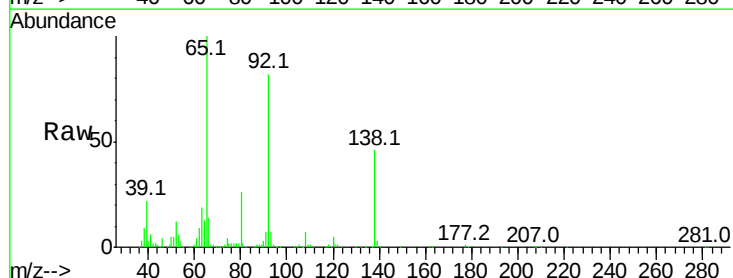
Delta R.T. -0.06 min

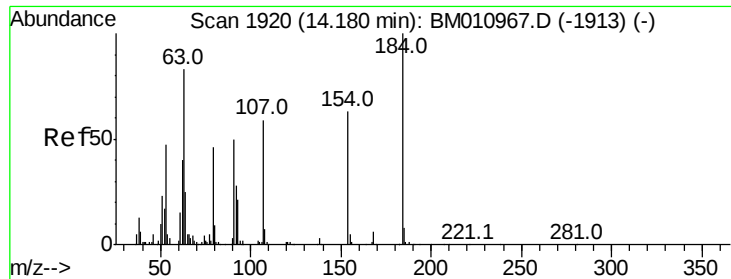
Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion:138 Resp: 392068

Ion	Ratio	Lower	Upper
138	100		
108	15.6	7.3	10.9#
92	176.7	76.6	114.8#





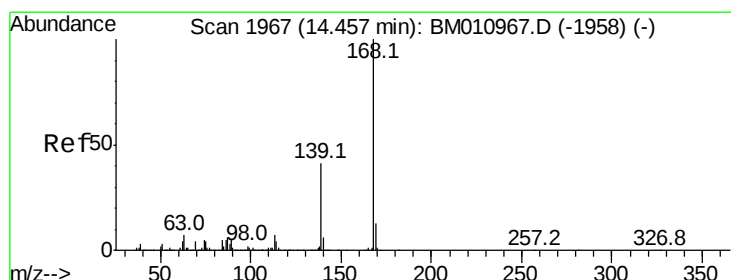
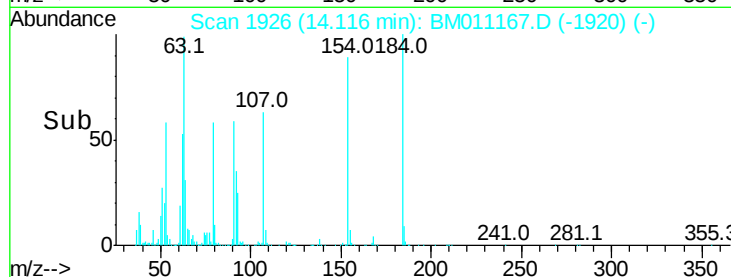
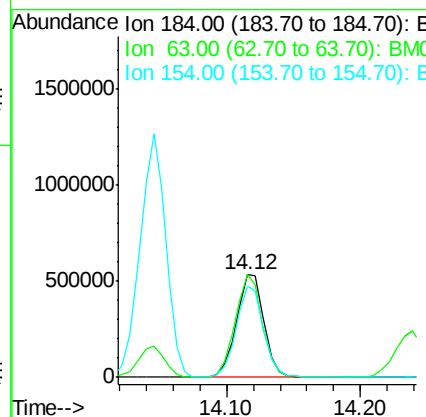
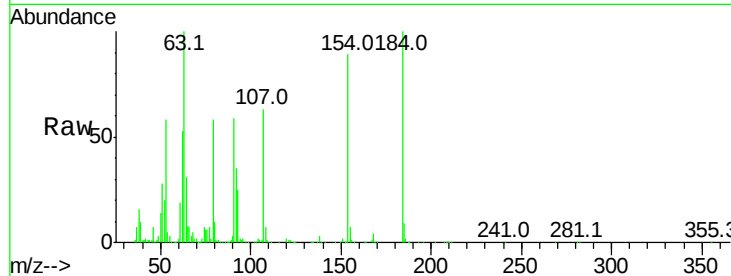
#53
2,4-Dinitrophenol
Concen: 107.398 ng
RT: 14.12 min Scan# 1926
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	99.6	69.2	103.8	
154	89.4	53.3	79.9	

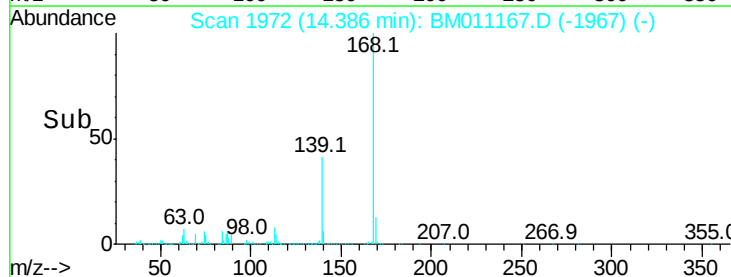
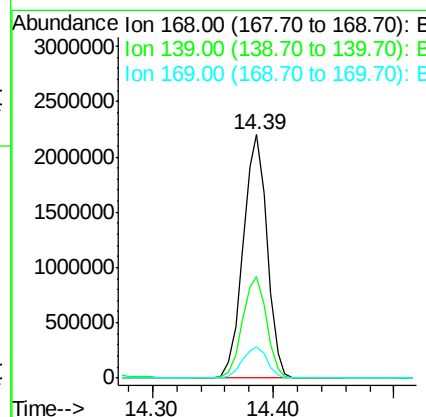
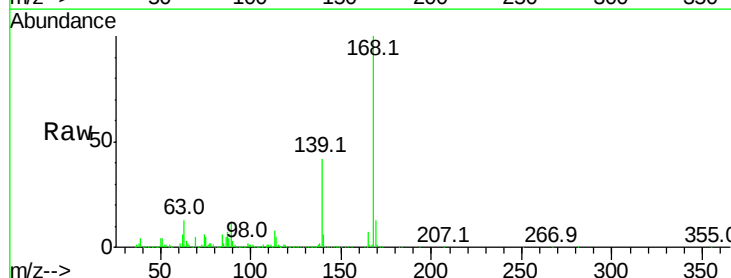
Manual Integrations
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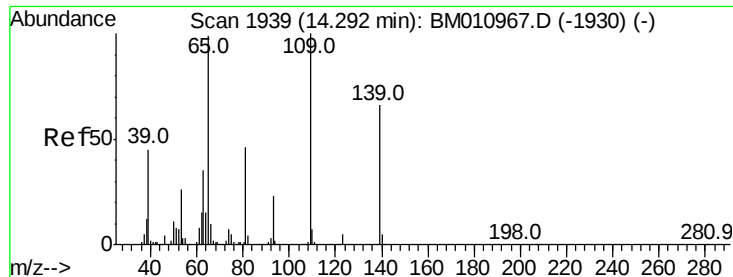
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#54
Dibenzofuran
Concen: 54.789 ng
RT: 14.39 min Scan# 1972
Delta R.T. -0.07 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.7	27.3	40.9	
169	12.7	10.6	16.0	





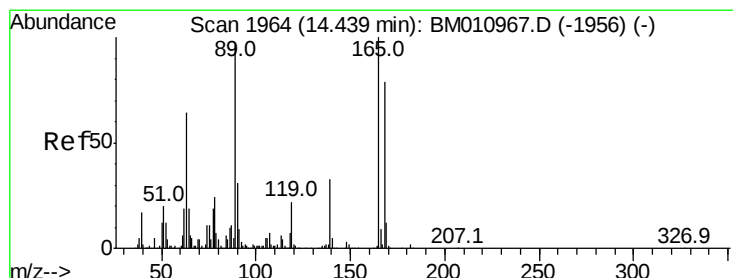
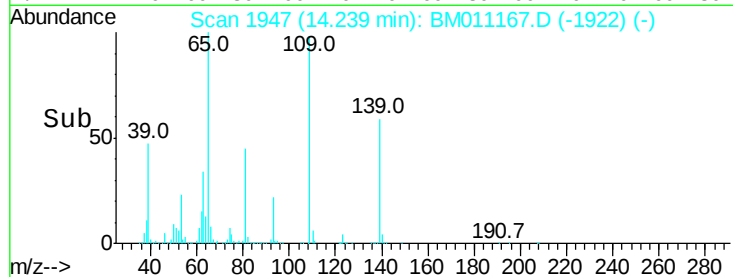
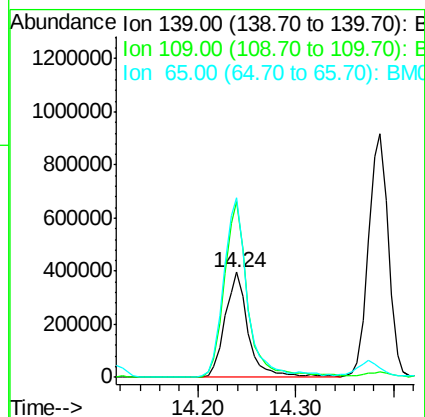
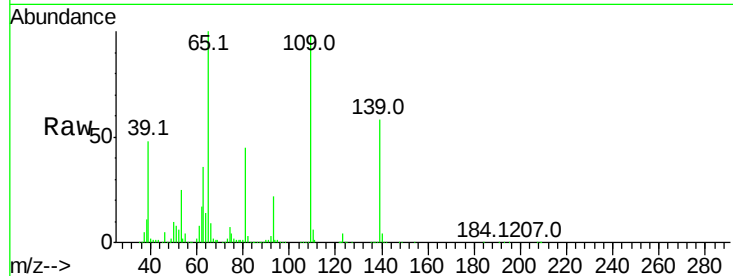
#55
4-Nitrophenol
Concen: 85.517 ng
RT: 14.24 min Scan# 1947
Delta R.T. -0.05 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	167.2	130.0	170.0	
65	170.9	130.0	170.0	

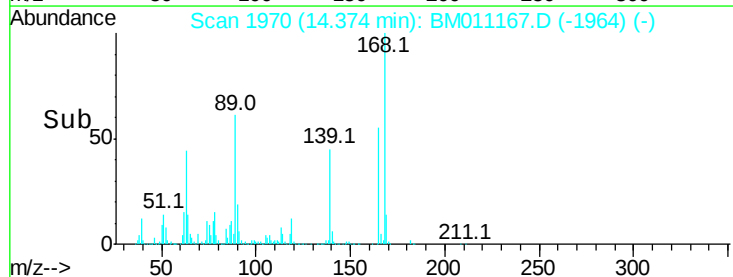
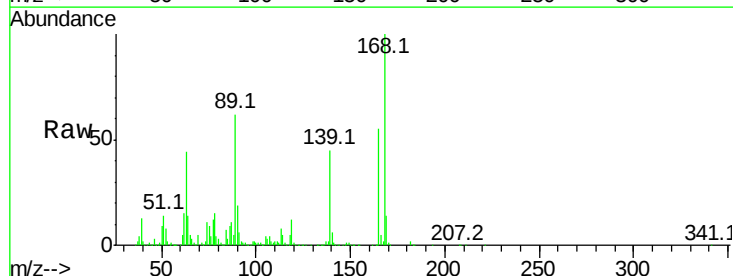
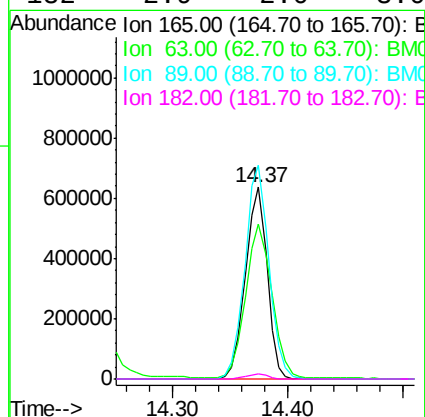
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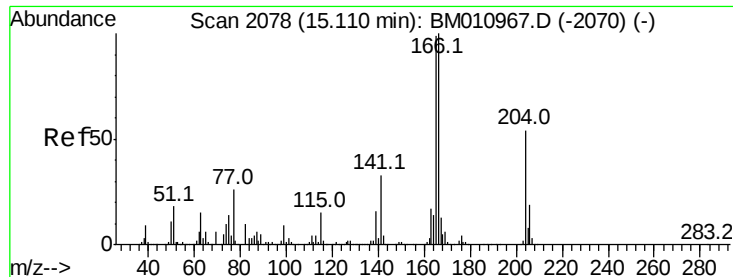
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#56
2,4-Dinitrotoluene
Concen: 58.748 ng
RT: 14.37 min Scan# 1970
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	80.5	52.4	78.6	
89	111.5	72.4	108.6	
182	2.9	2.0	3.0	





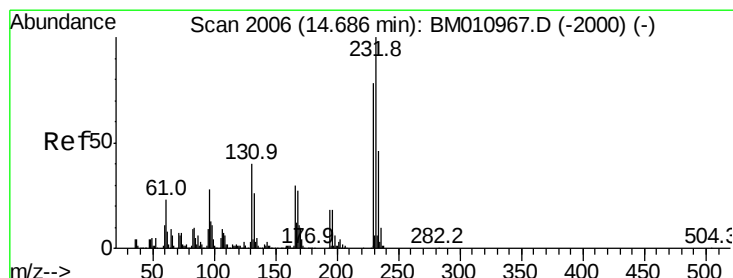
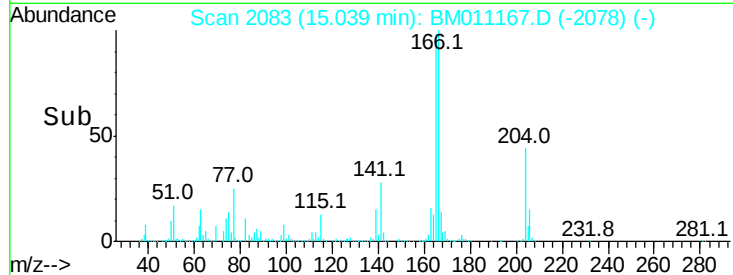
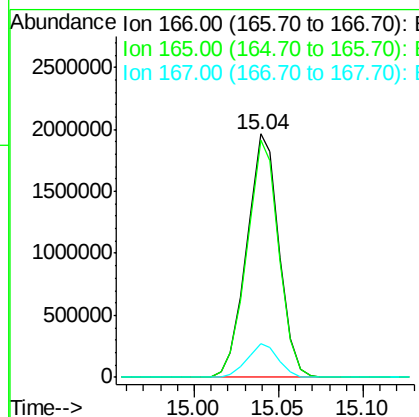
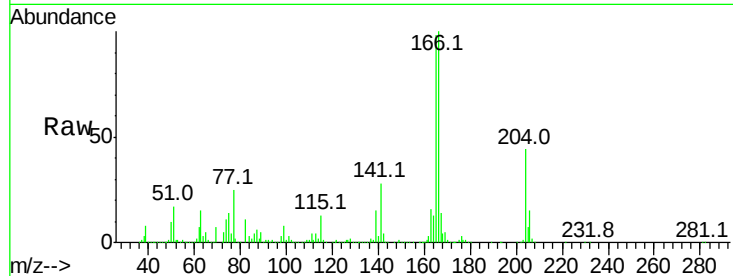
#57
Fluorene
 Concen: 53.870 ng
 RT: 15.04 min Scan# 2083
 Delta R.T. -0.07 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	13.6	10.3	15.5

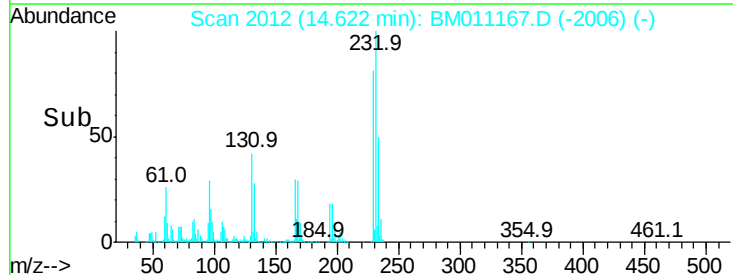
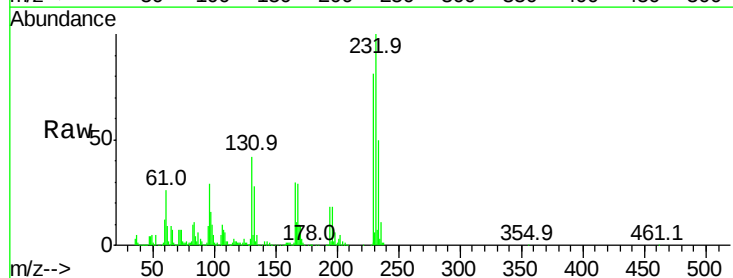
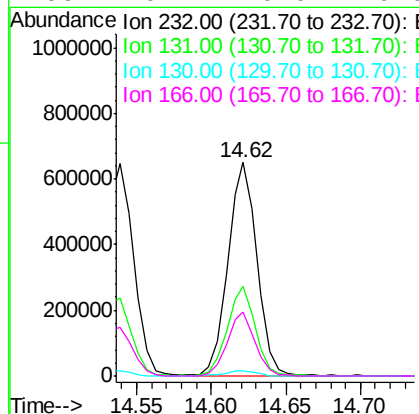
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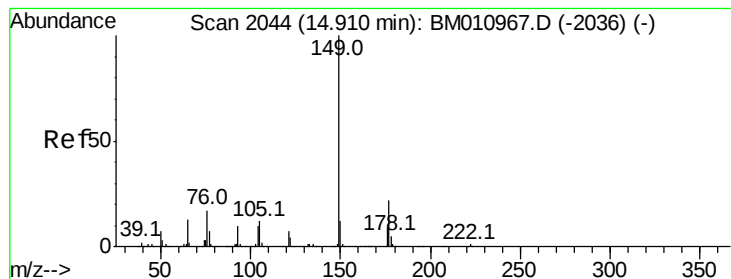
Sohil
 8/10/2017 6:13:07 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 60.078 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.06 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.7	0.0	0.0#
130	2.7	0.0	0.0#
166	29.1	0.0	0.0#





#59

Diethylphthalate

Concen: 54.521 ng

RT: 14.85 min Scan# 2050

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:149 Resp: 2773787

Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

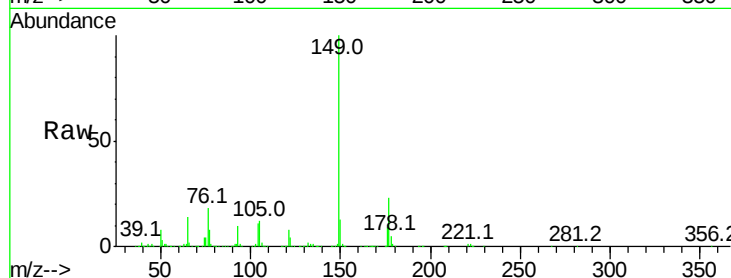
150 12.7 9.8 14.8

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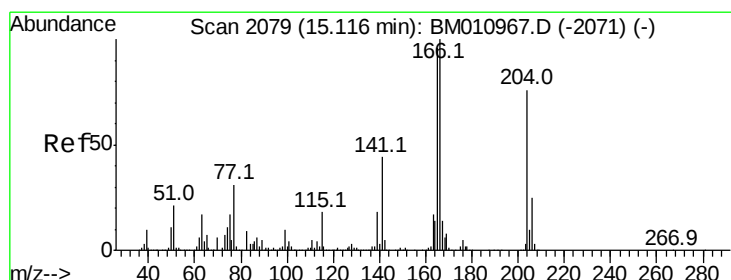
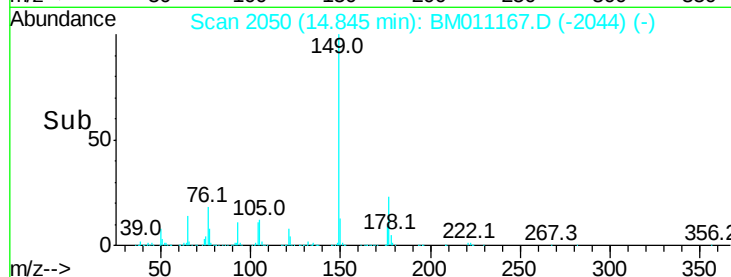
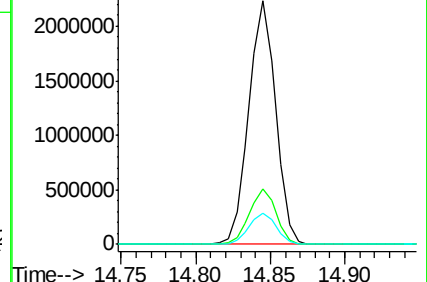
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.853 ng

RT: 15.05 min Scan# 2084

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

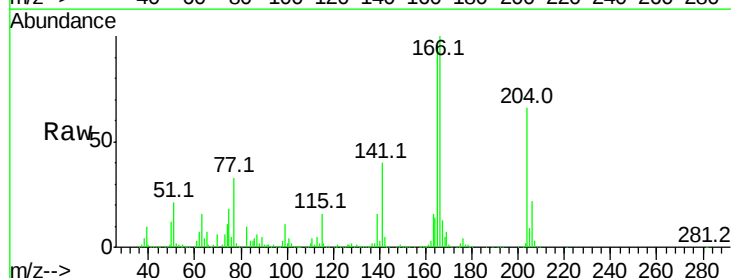
Tgt Ion:204 Resp: 1543287

Ion Ratio Lower Upper

204 100

206 33.7 26.6 39.8

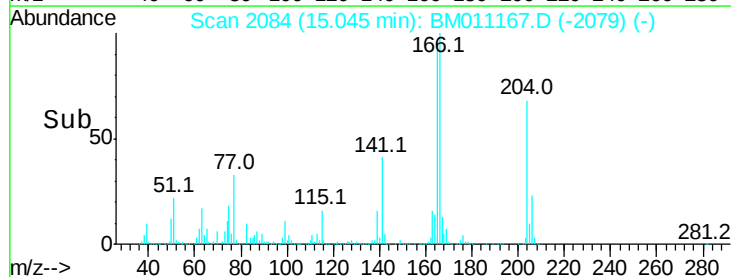
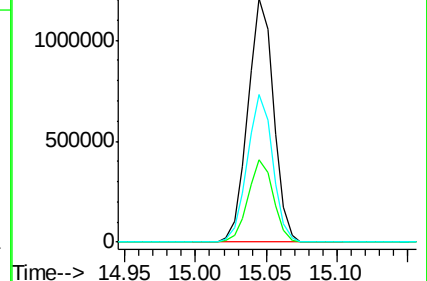
141 60.6 45.2 67.8

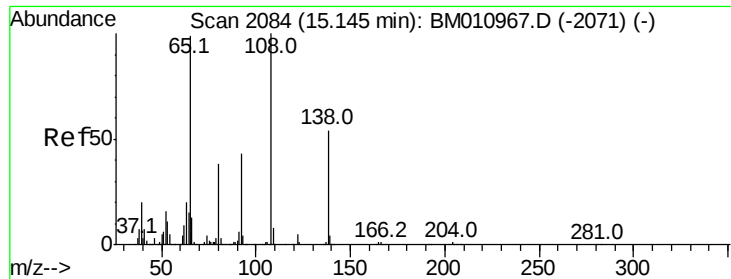


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





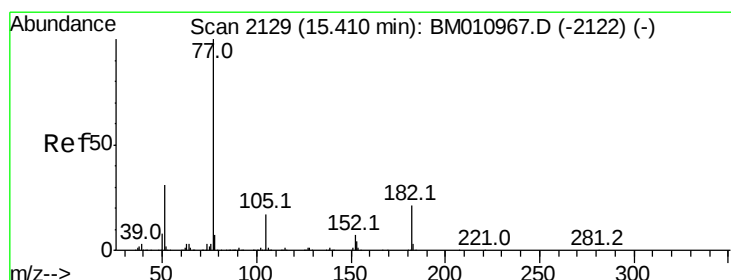
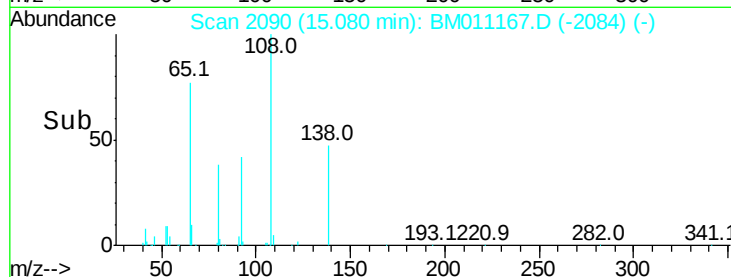
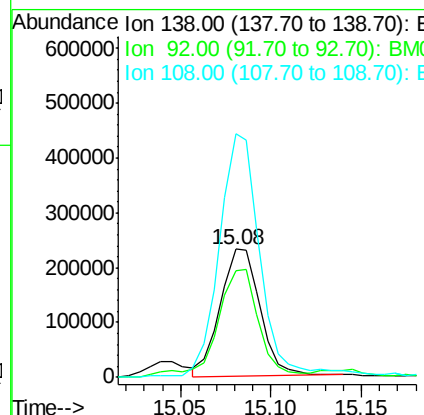
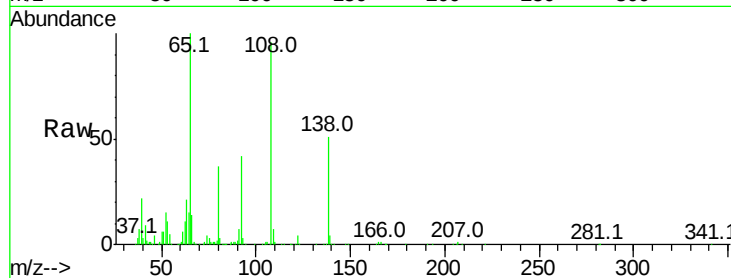
#61
4-Nitroaniline
Concen: 37.887 ng
RT: 15.08 min Scan# 2090
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	83.7	16.7	56.7#
108	190.0	37.6	77.6#

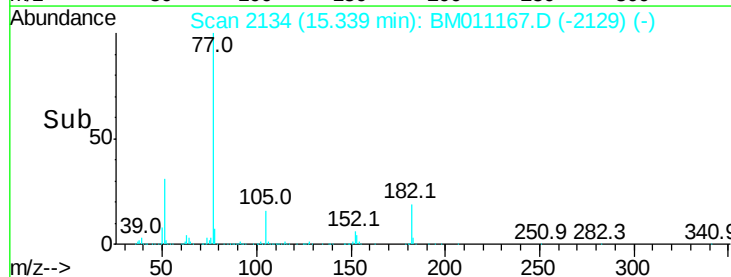
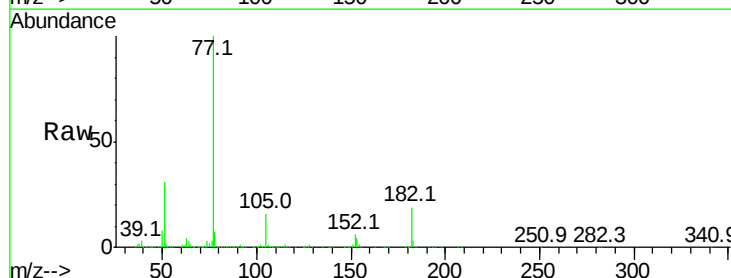
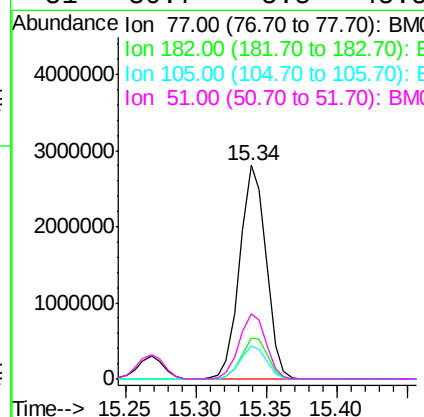
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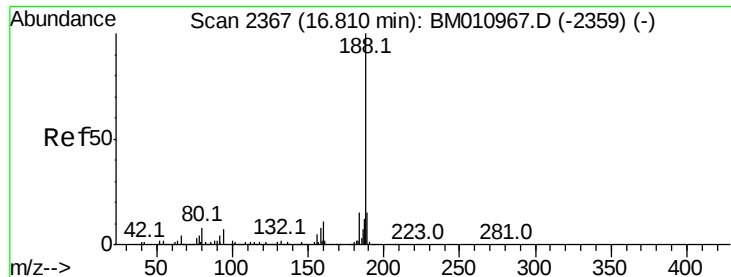
Sohil
8/10/2017 6:13:07 PM



#62
Azobenzene
Concen: 66.905 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.07 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	6.5	46.5
105	15.6	3.8	43.8
51	30.7	5.5	45.5





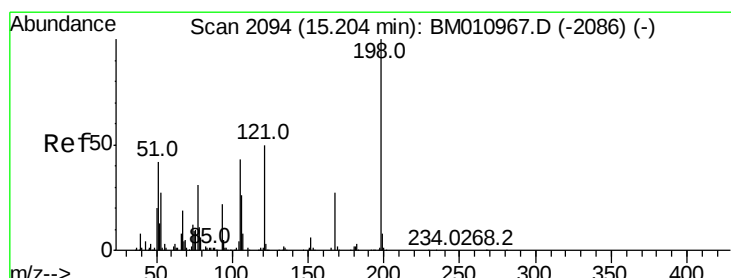
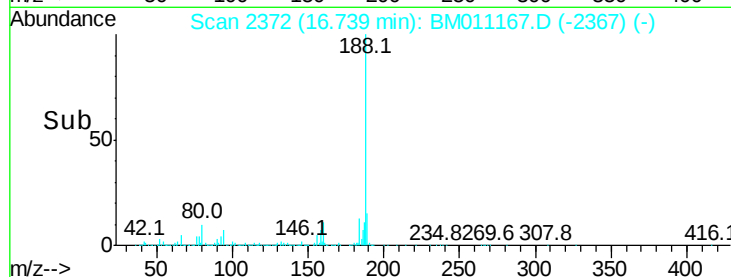
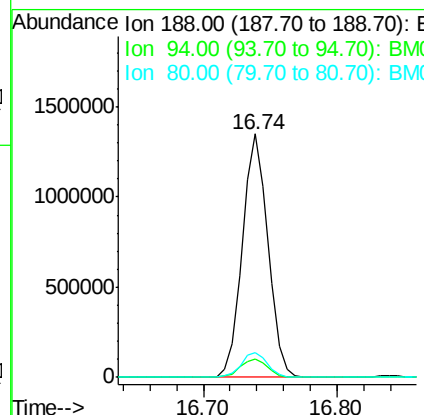
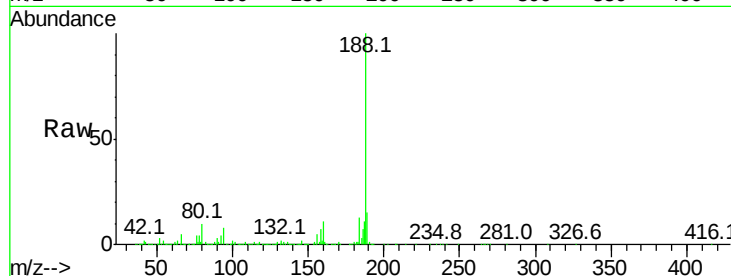
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.74 min Scan# 2372
 Delta R.T. -0.07 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	1786715		
94	7.6		8.7	13.1#
80	10.1		9.3	13.9

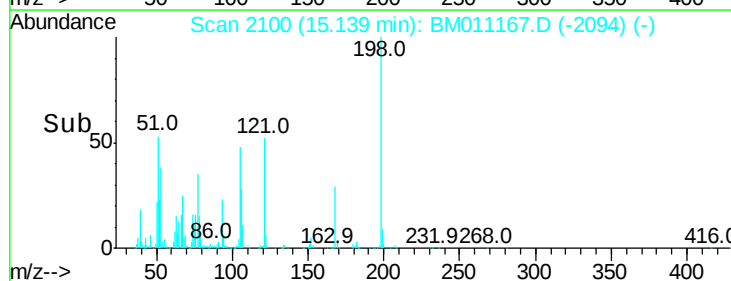
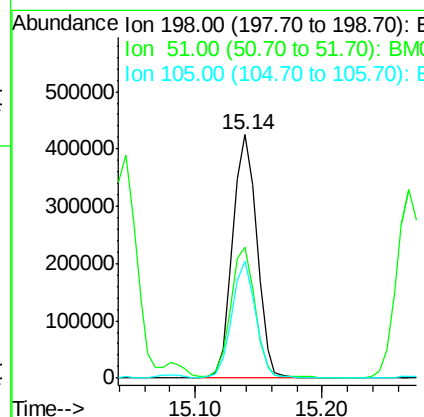
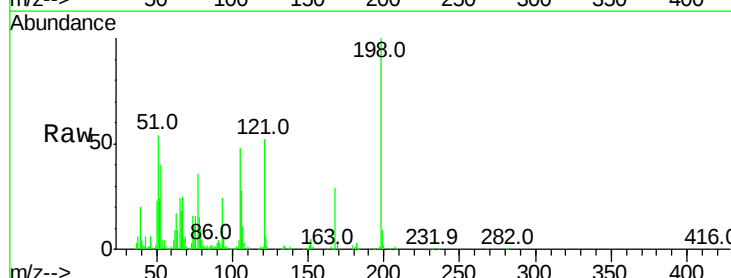
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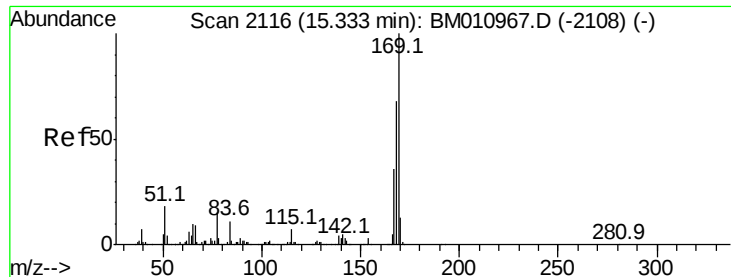
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.579 ng
 RT: 15.14 min Scan# 2100
 Delta R.T. -0.06 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	563408		
51	53.9		28.8	68.8
105	47.8		30.5	70.5





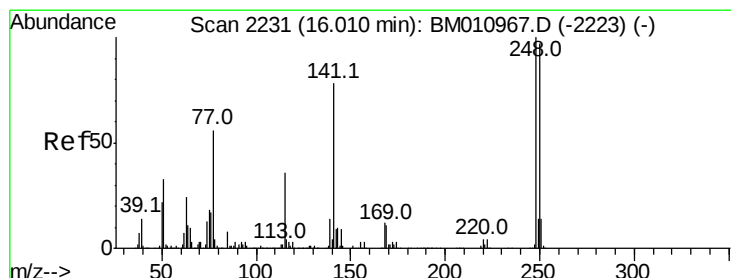
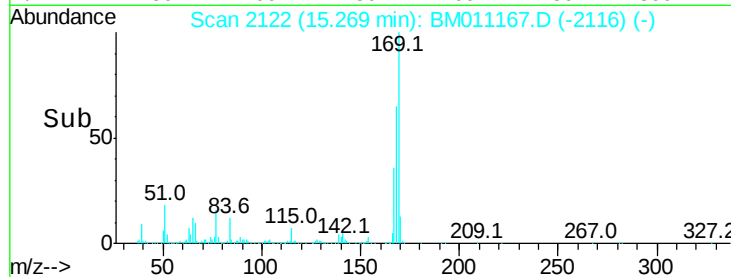
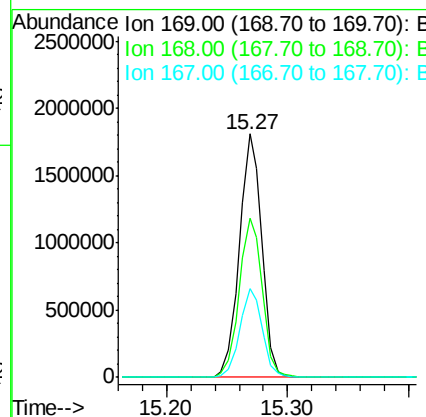
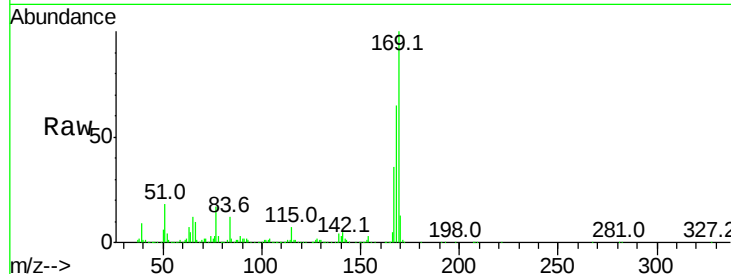
#65
n-Nitrosodiphenylamine
Concen: 45.609 ng
RT: 15.27 min Scan# 2122
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.4	53.9	80.9
167	36.3	28.9	43.3

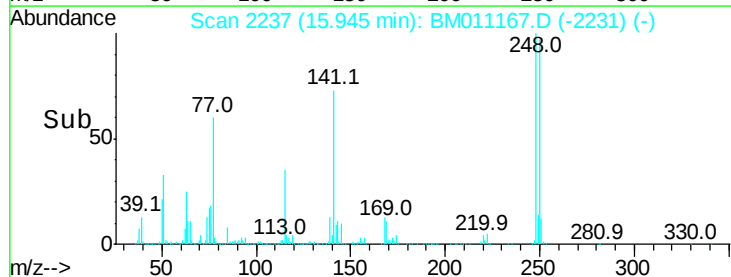
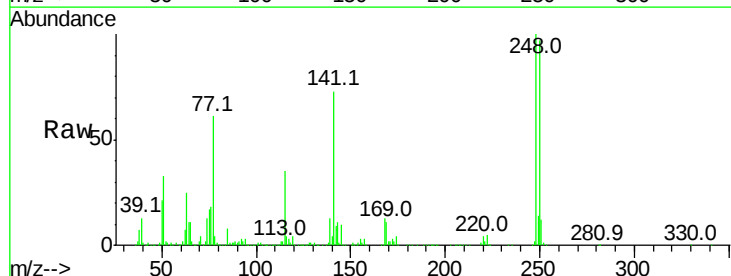
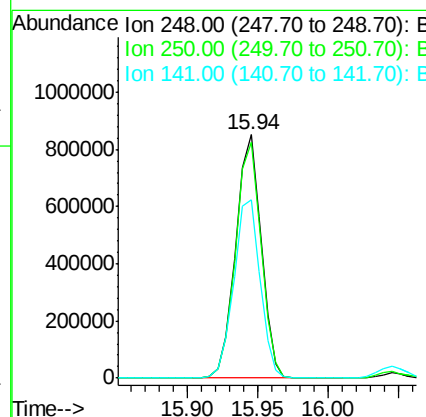
Manual Integrations
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8/10/2017 6:13:07 PM



#66
4-Bromophenyl-phenylether
Concen: 46.662 ng
RT: 15.94 min Scan# 2237
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.0
141	73.4	45.2	67.8





#67

Hexachlorobenzene

Concen: 43.788 ng

RT: 16.04 min Scan# 2254

Delta R.T. -0.07 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:284 Resp: 1136529

Ion Ratio Lower Upper

284 100

142 35.9 20.4 30.6#

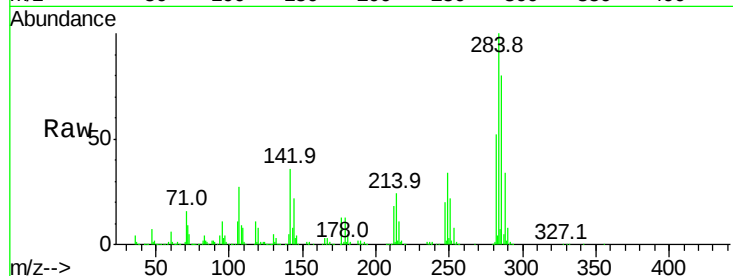
249 34.2 23.8 35.6

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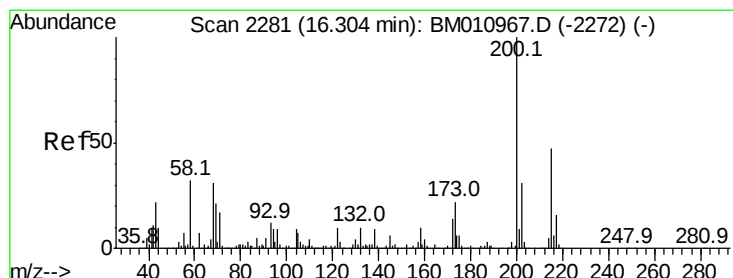
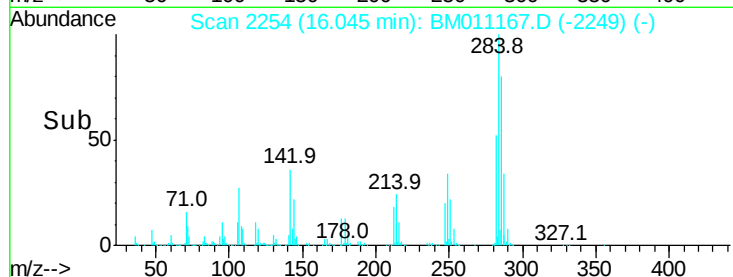
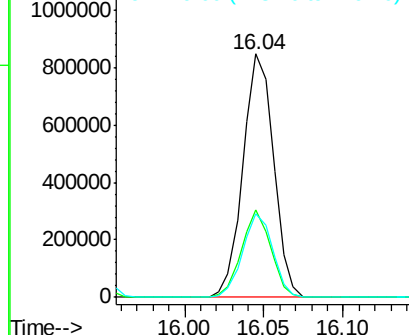
8/10/2017 6:13:07 PM



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: 51.003 ng

RT: 16.24 min Scan# 2287

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

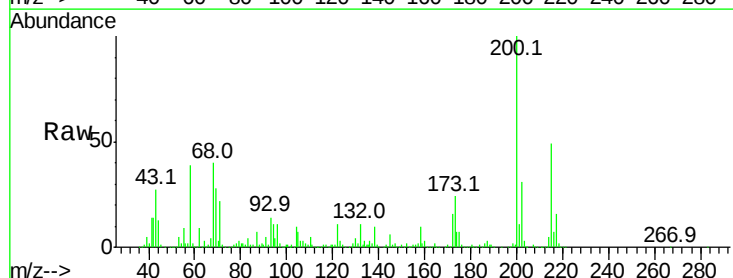
Tgt Ion:200 Resp: 1045112

Ion Ratio Lower Upper

200 100

173 23.7 4.8 44.8

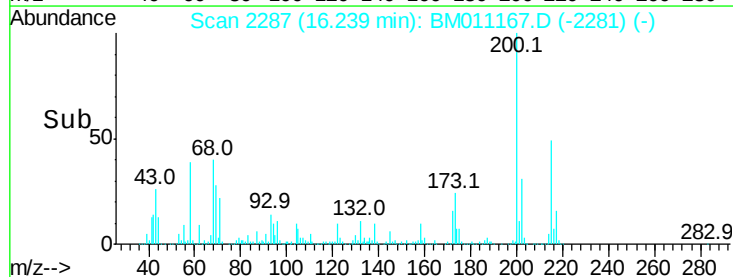
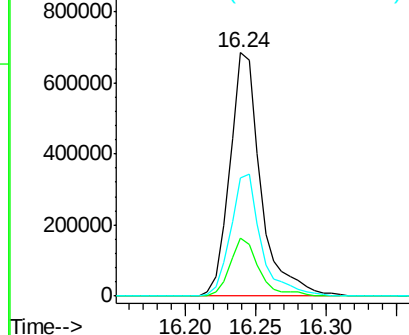
215 48.7 26.9 66.9

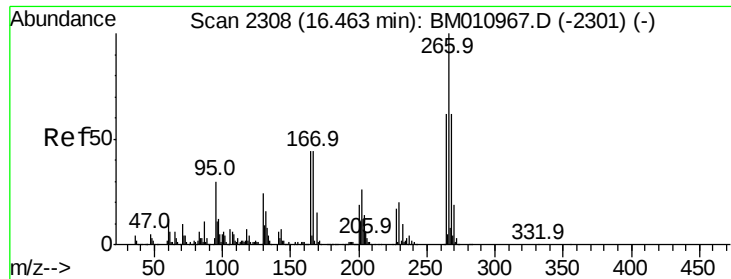


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





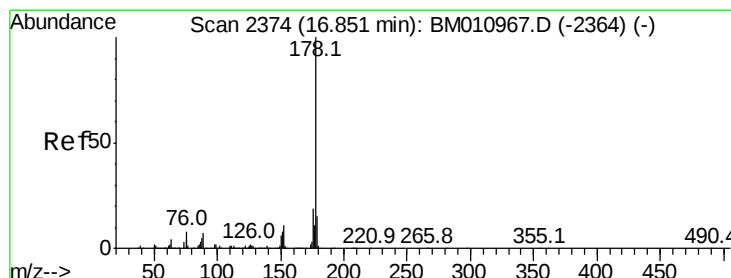
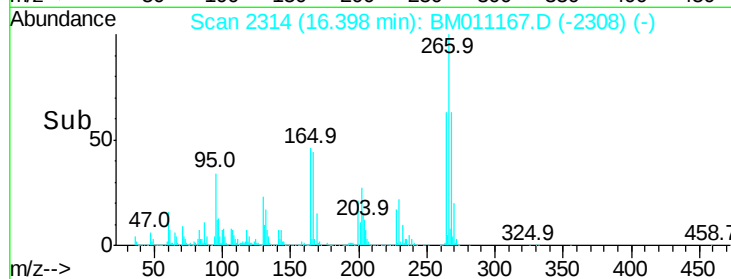
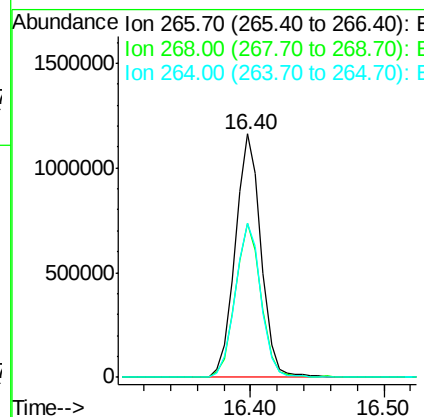
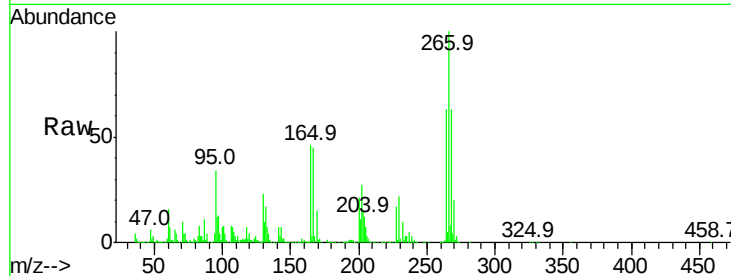
#69
 Pentachlorophenol
 Concen: 95.162 ng
 RT: 16.40 min Scan# 2314
 Delta R.T. -0.06 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.0	78.0
264	63.2	49.0	73.4

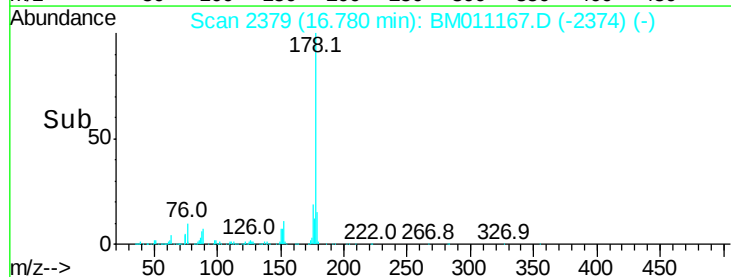
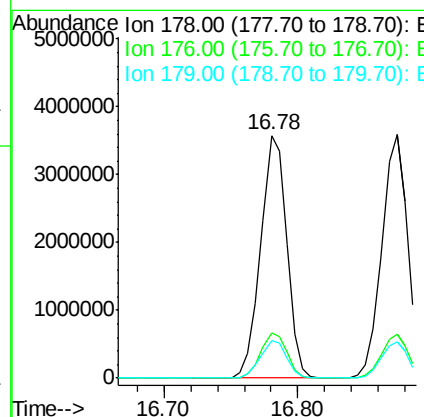
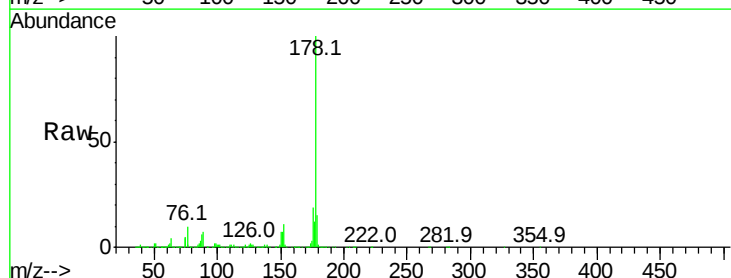
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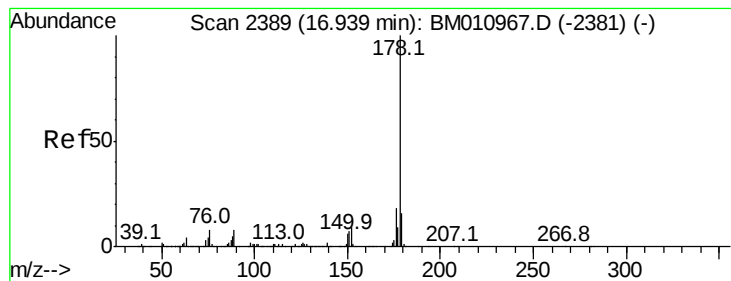
Sohil
 8/10/2017 6:13:07 PM



#70
 Phenanthrene
 Concen: 51.248 ng
 RT: 16.78 min Scan# 2379
 Delta R.T. -0.07 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.1	18.1





#71

Anthracene

Concen: 51.262 ng

RT: 16.87 min Scan# 2395

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:178 Resp: 4782966

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.0	12.6	19.0

178 100

176 18.0 14.6 22.0

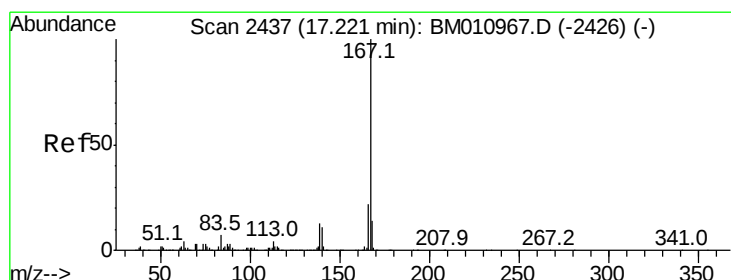
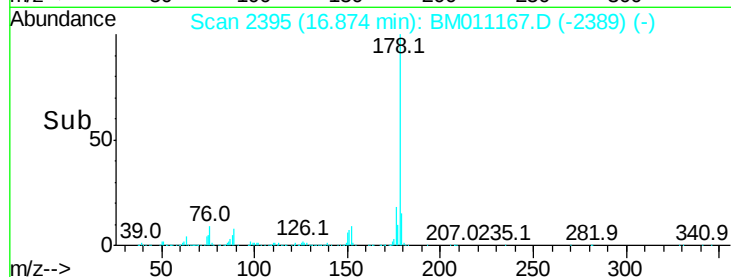
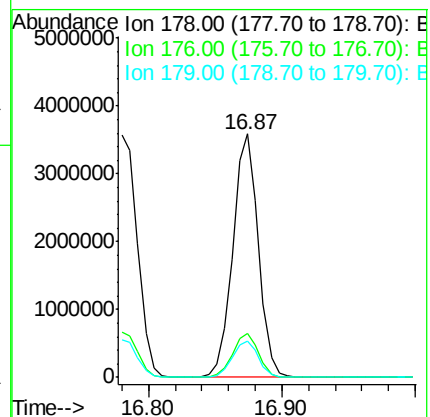
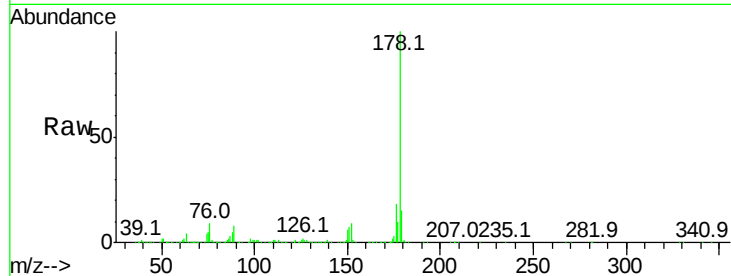
179 15.0 12.6 19.0

Manual Integrations

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#72

Carbazole

Concen: 47.709 ng

RT: 17.16 min Scan# 2443

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

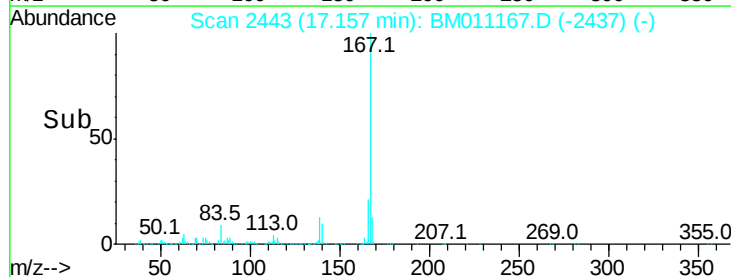
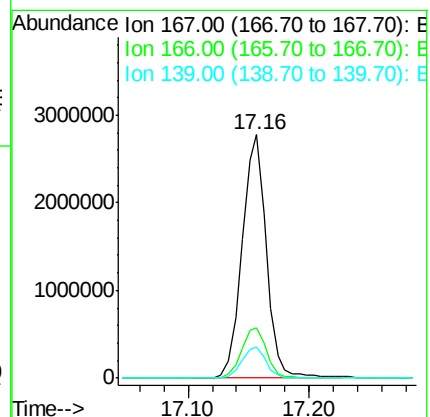
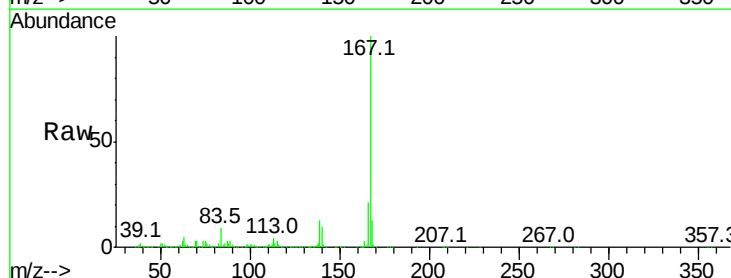
Tgt Ion:167 Resp: 3892980

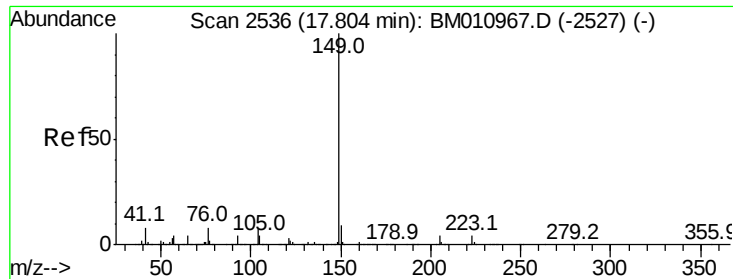
Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.7	10.8	16.2

167 100

166 20.8 17.2 25.8

139 12.7 10.8 16.2





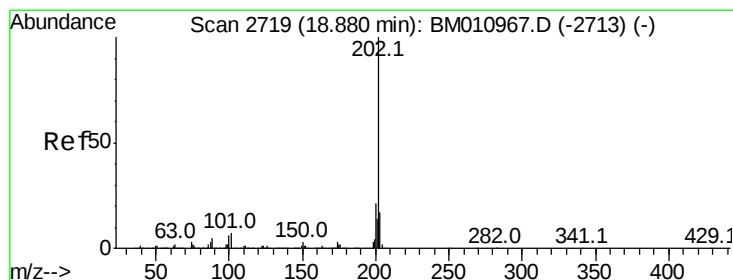
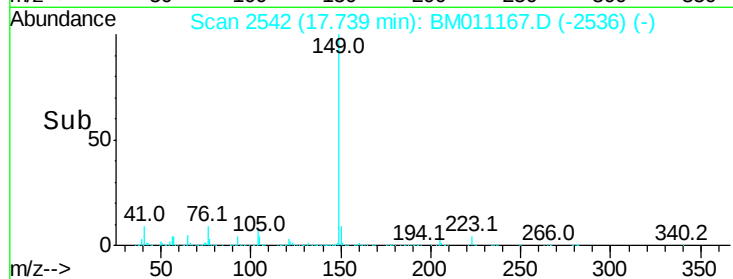
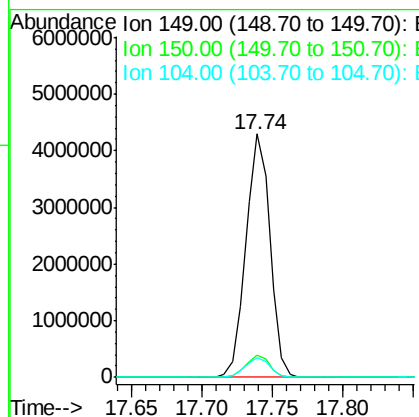
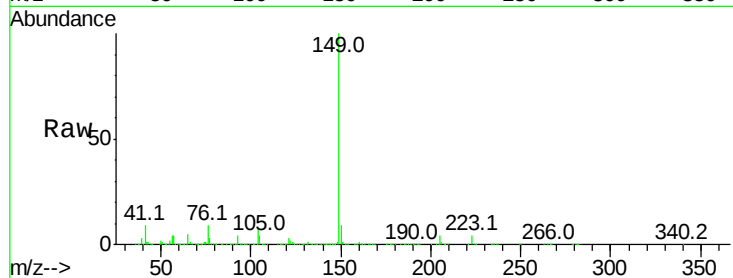
#73
Di-n-butylphthalate
Concen: 51.627 ng
RT: 17.74 min Scan# 2542
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	8.2	3.7	5.5

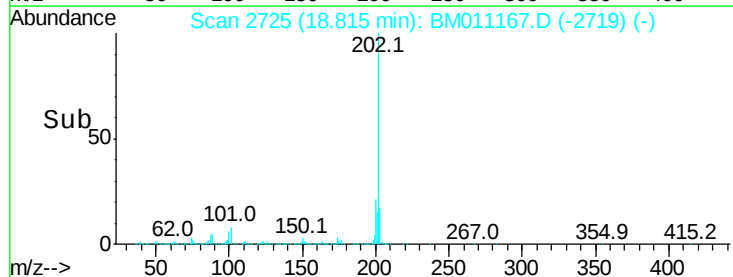
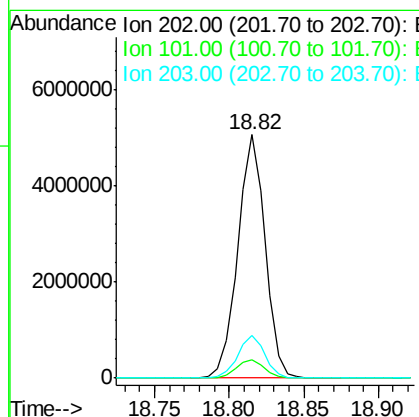
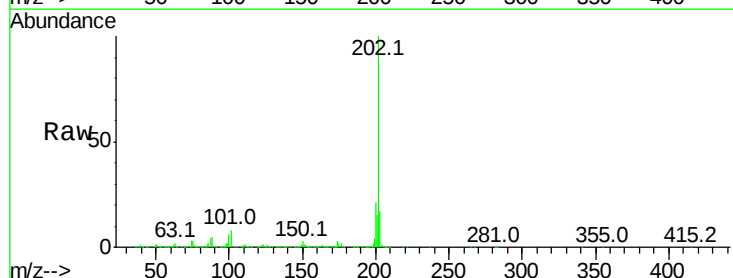
Manual Integrations
APPROVED

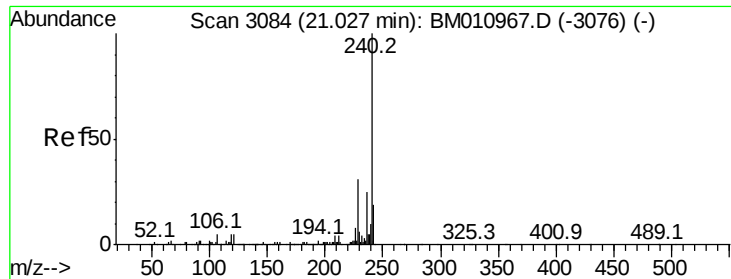
Sohil
8/10/2017 6:13:07 PM



#74
Fluoranthene
Concen: 55.901 ng
RT: 18.82 min Scan# 2725
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.7
203	17.5	0.0	37.2





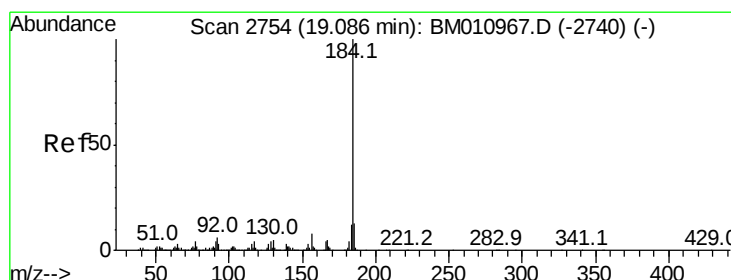
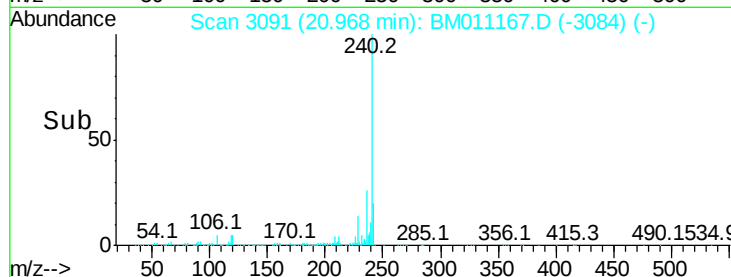
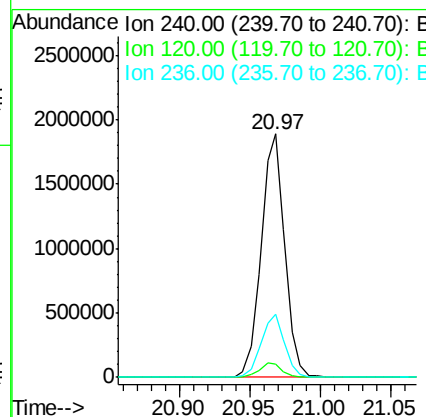
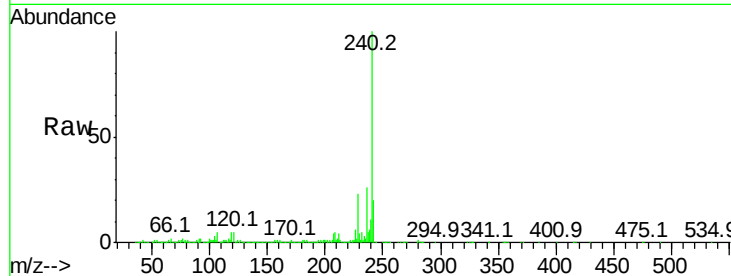
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion:240 Resp: 2227368
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 25.9 20.0 30.0

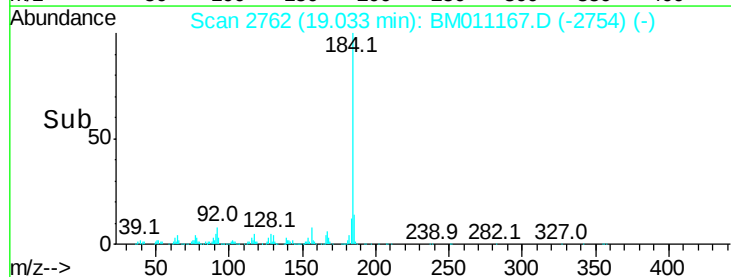
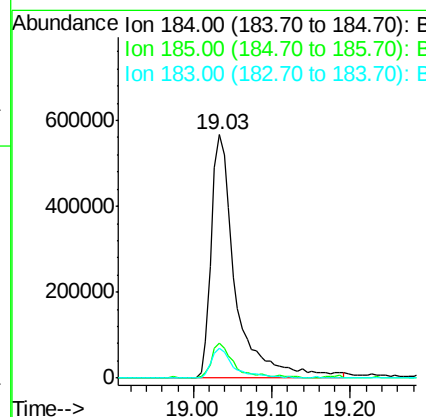
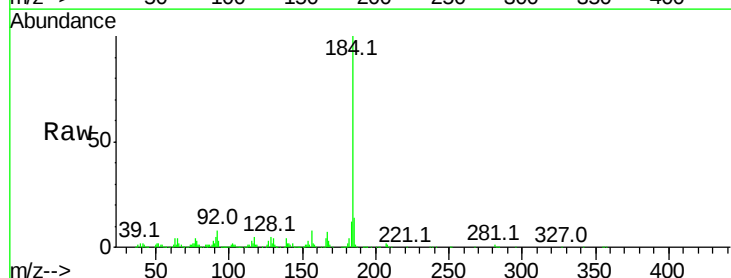
Manual Integrations
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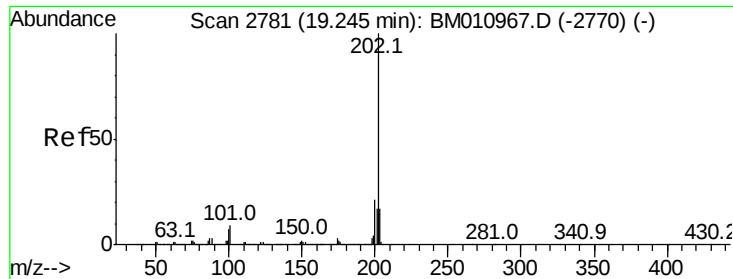
Sohil
8/10/2017 6:13:07 PM



#76
Benzidine
Concen: 23.007 ng m
RT: 19.03 min Scan# 2762
Delta R.T. -0.05 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion:184 Resp: 1225944
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 12.4 8.9 13.3





#77

Pvrene

Concen: 50.746 ng

RT: 19.18 min Scan# 2787

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

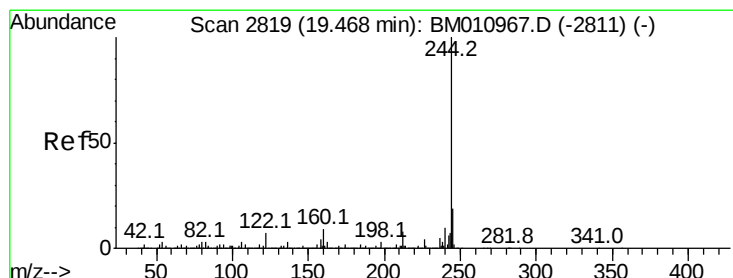
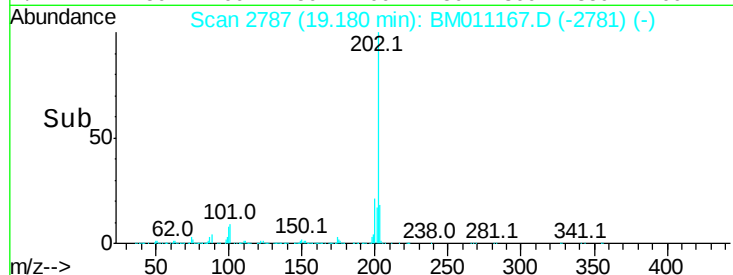
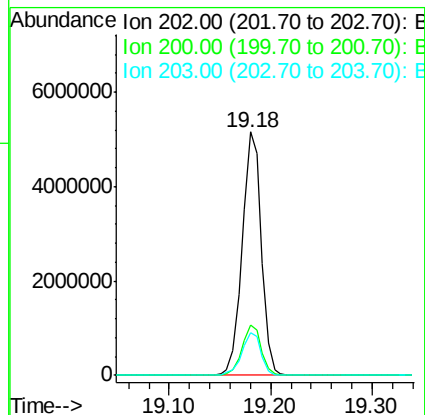
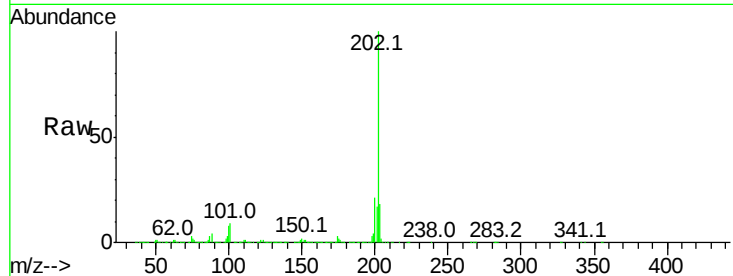
ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:	202	Resp:	6716061
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.7	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 91.103 ng

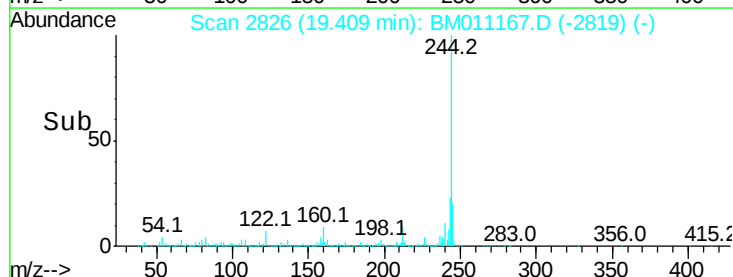
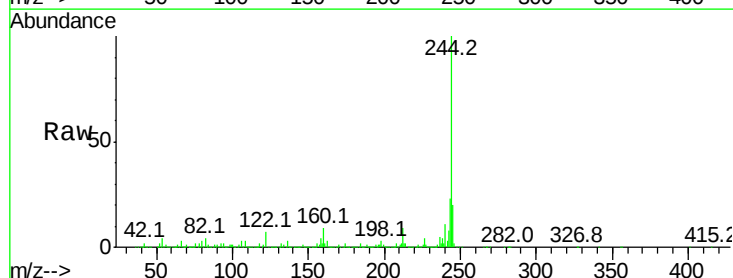
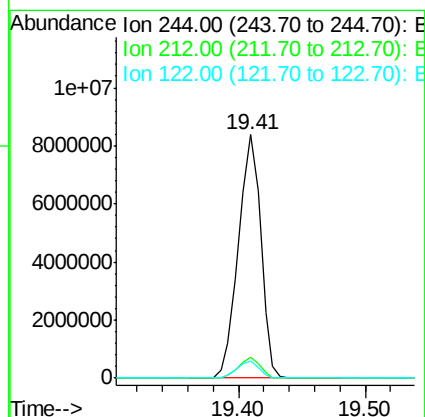
RT: 19.41 min Scan# 2826

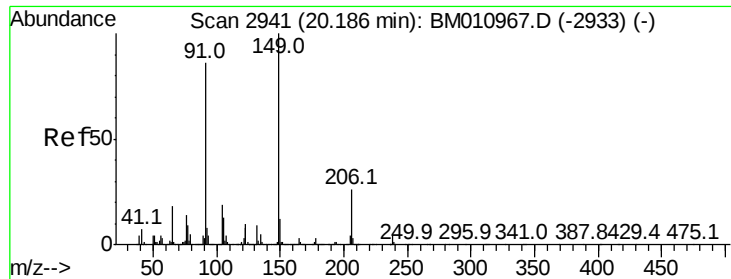
Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion:	244	Resp:	10244020
Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	7.1	6.2	9.4





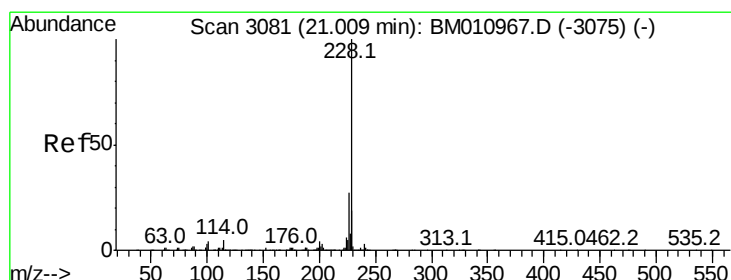
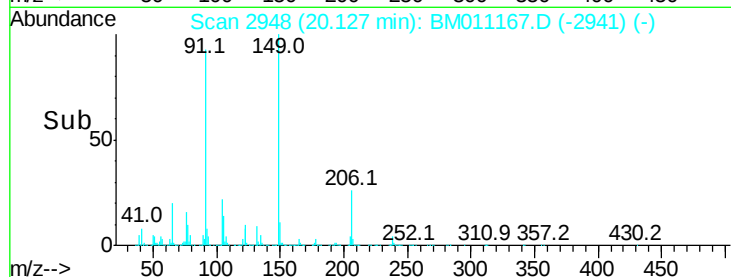
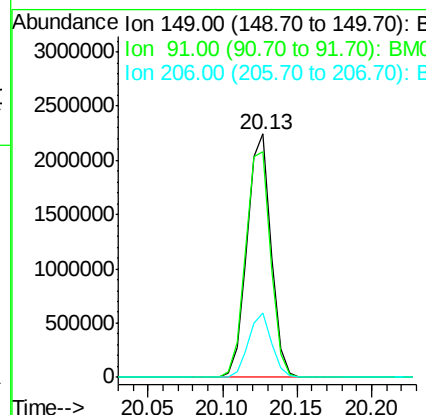
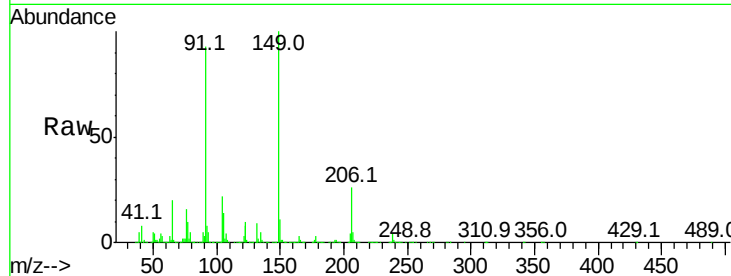
#79
Butylbenzylphthalate
Concen: 52.711 ng
RT: 20.13 min Scan# 2948
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	92.9	50.1	75.1#
206	26.4	16.2	24.2#

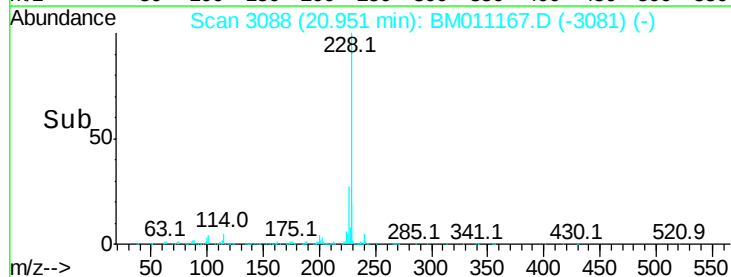
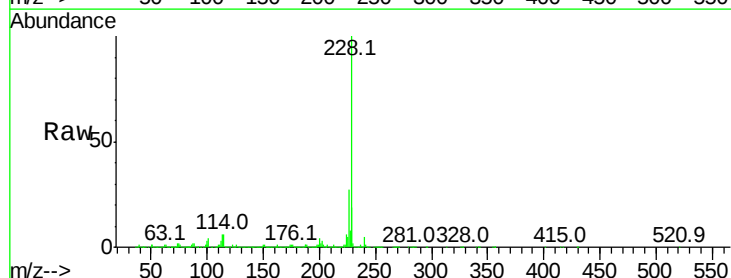
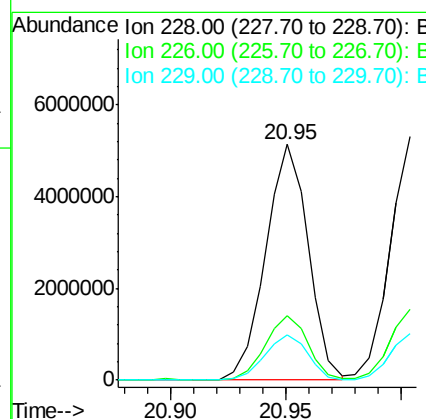
Manual Integrations
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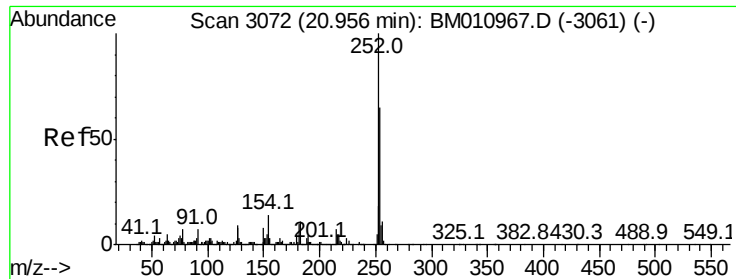
Sohil
8/10/2017 6:13:07 PM



#80
Benzo(a)anthracene
Concen: 51.572 ng
RT: 20.95 min Scan# 3088
Delta R.T. -0.06 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.4	16.0	24.0





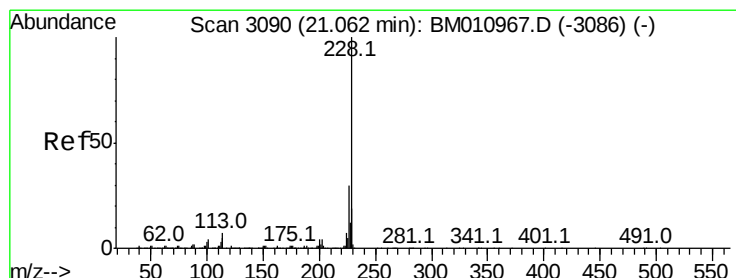
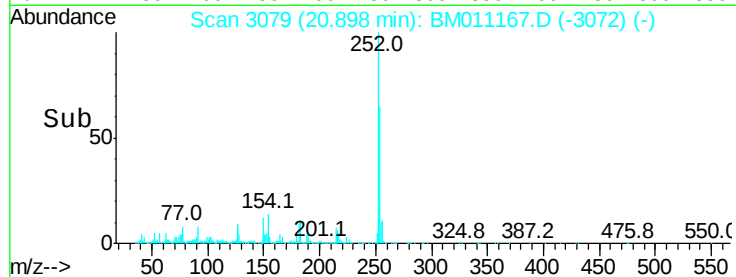
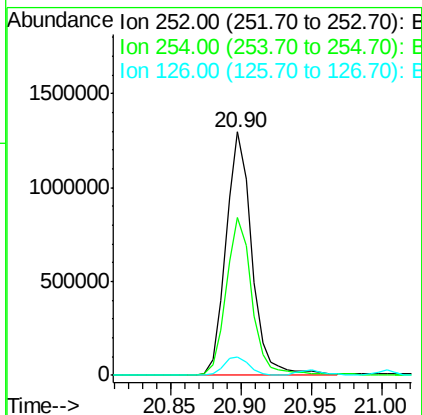
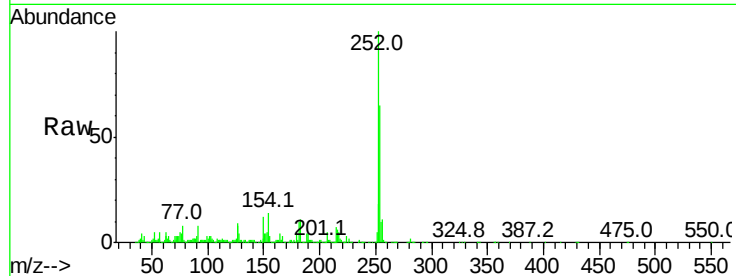
#81
 3,3'-Dichlorobenzidine
 Concen: 33.269 ng
 RT: 20.90 min Scan# 3079
 Delta R.T. -0.06 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.9	77.9
126	7.8	9.8	14.8

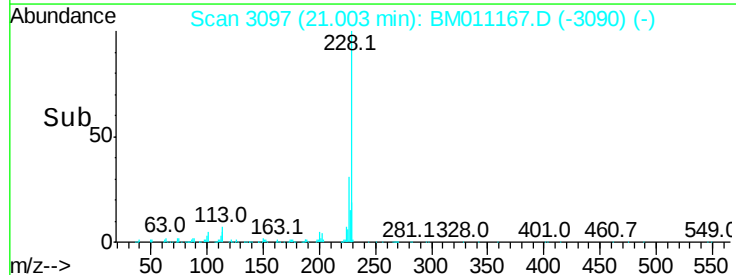
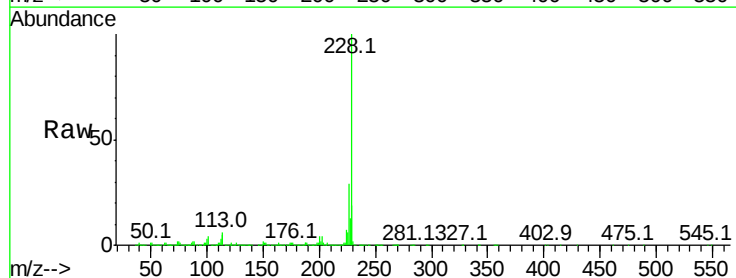
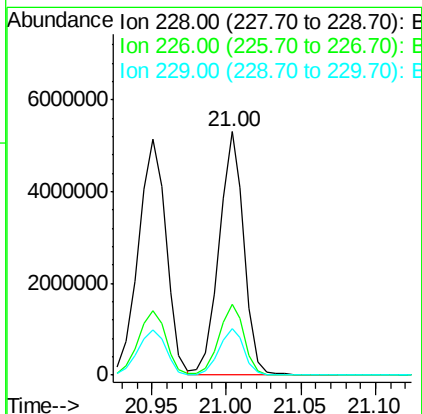
Manual Integrations
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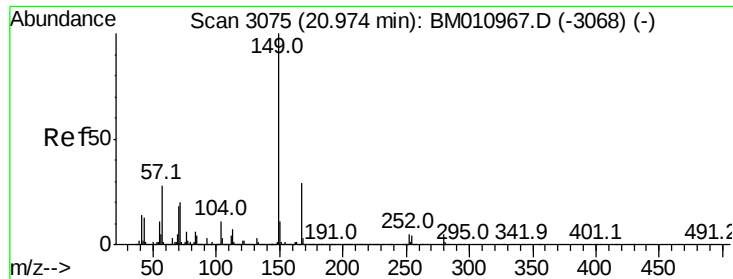
Sohil
 8/10/2017 6:13:07 PM



#82
 Chrysene
 Concen: 50.488 ng
 RT: 21.00 min Scan# 3097
 Delta R.T. -0.06 min
 Lab File: BM011167.D
 Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	19.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.487 ng

RT: 20.92 min Scan# 3082

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:149 Resp: 3564664

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

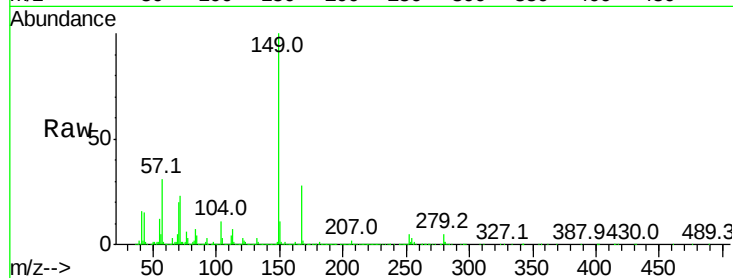
279 5.3 3.4 5.0#

Manual Integrations

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Sohil

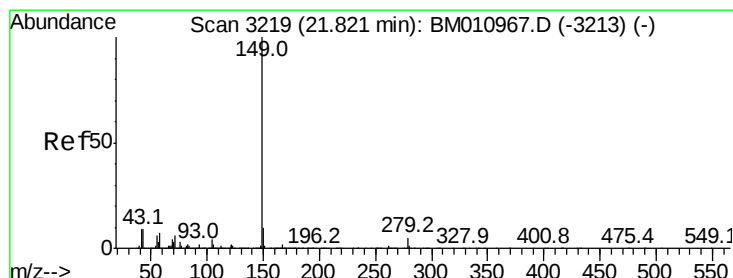
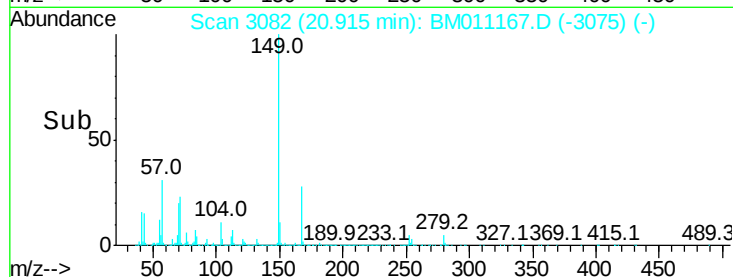
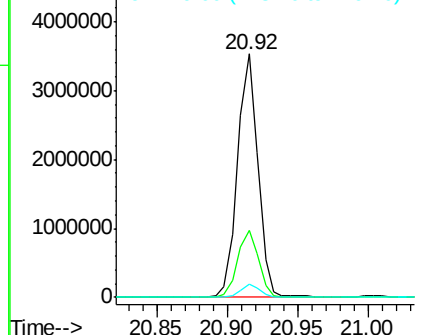
8/10/2017 6:13:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.668 ng

RT: 21.76 min Scan# 3226

Delta R.T. -0.06 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

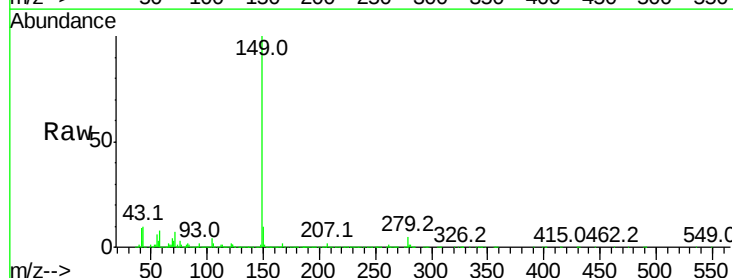
Tgt Ion:149 Resp: 5918196

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

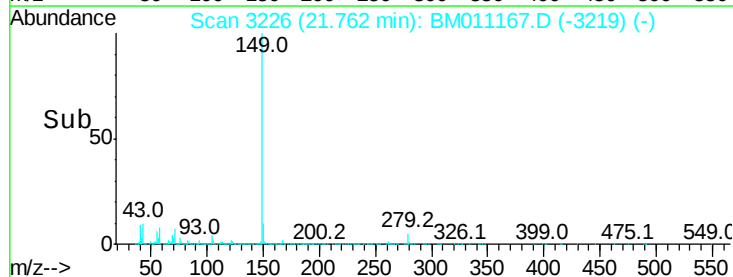
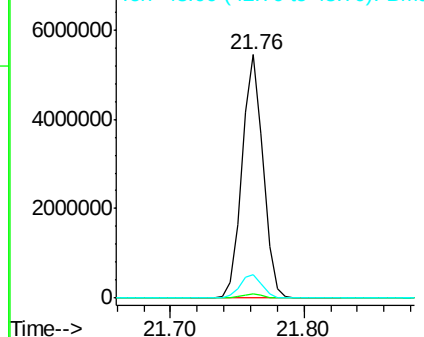
43 10.2 7.3 10.9

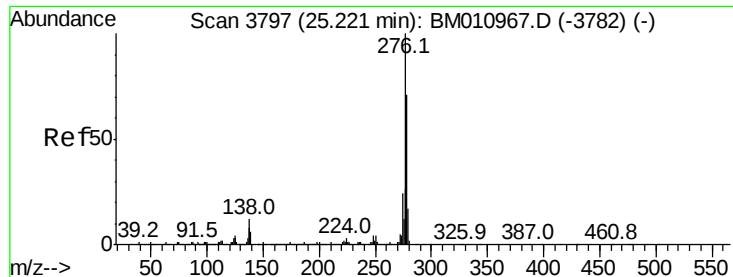


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





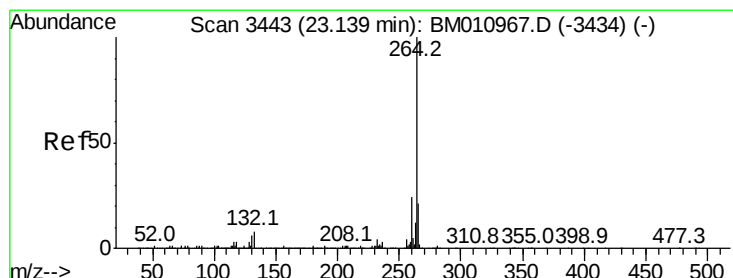
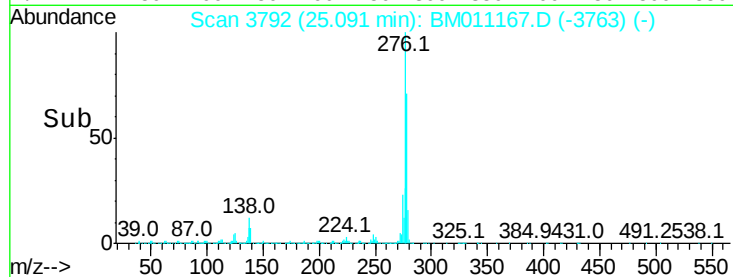
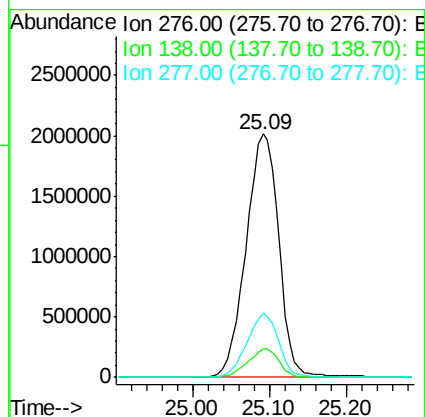
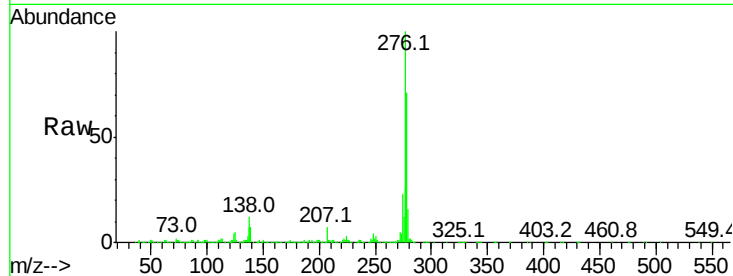
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.396 ng
RT: 25.09 min Scan# 3792
Delta R.T. -0.13 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.3	12.0	18.0#
277	25.6	20.0	30.0

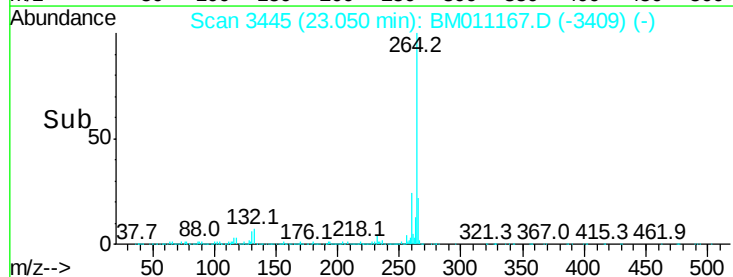
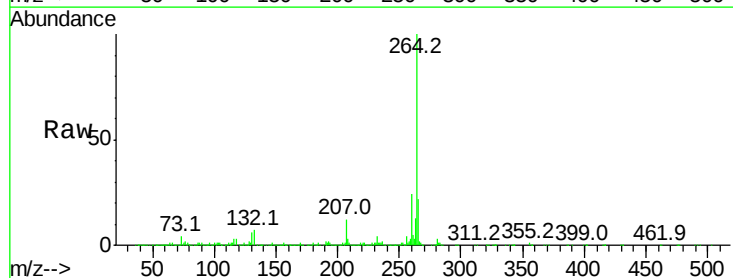
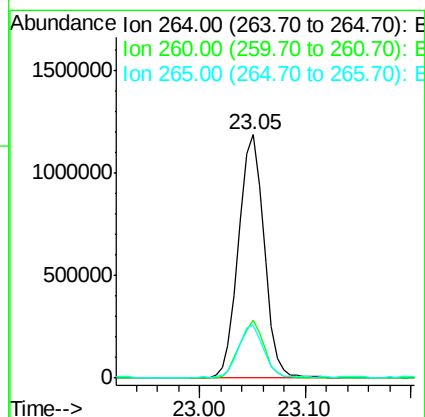
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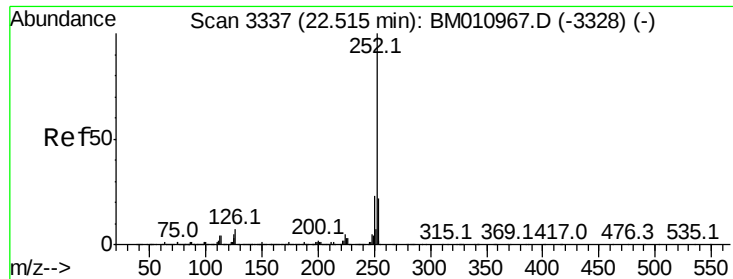
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.09 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 51.903 ng

RT: 22.44 min Scan# 3341

Delta R.T. -0.08 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

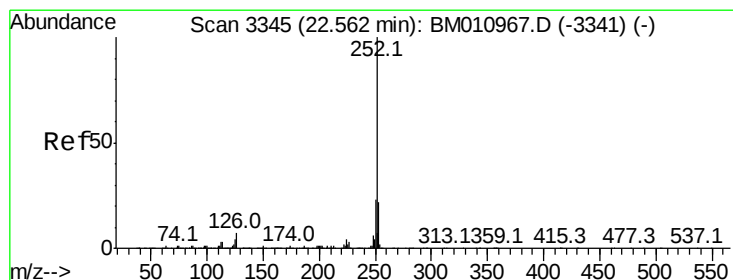
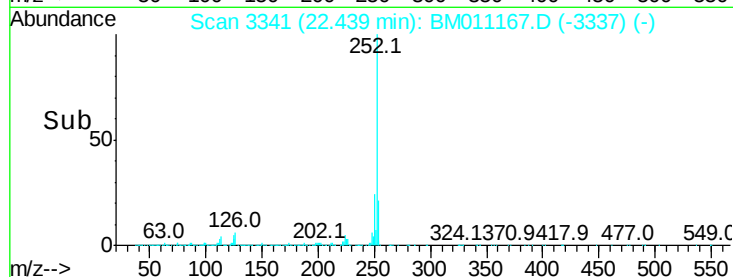
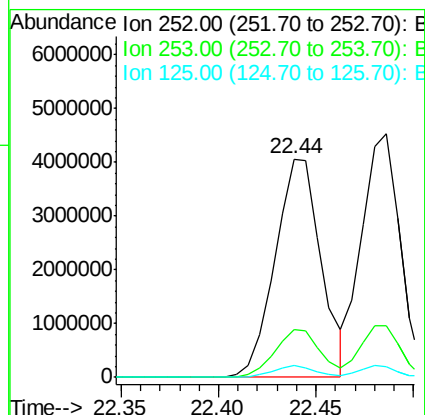
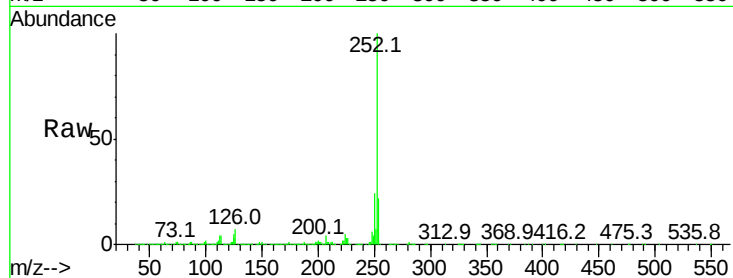
15-50-RT3460-RT4215-RT3451MSD

Tot Ion:252 Resp: 6645628

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	5.2	9.9	14.9#

Manual Integrations
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8/10/2017 6:13:07 PM



#88

Benzo(k)fluoranthene

Concen: 50.432 ng

RT: 22.49 min Scan# 3349

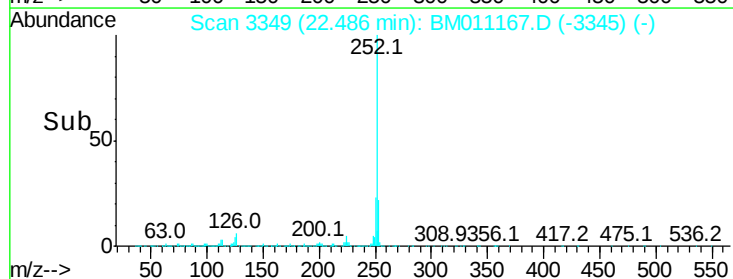
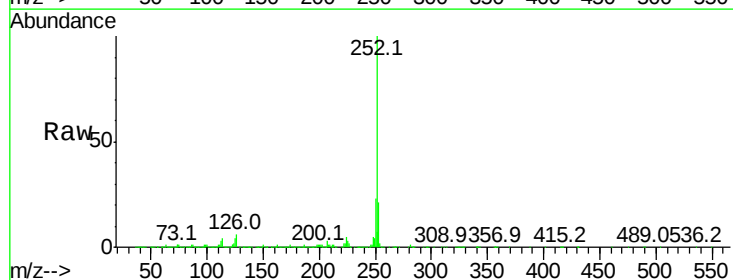
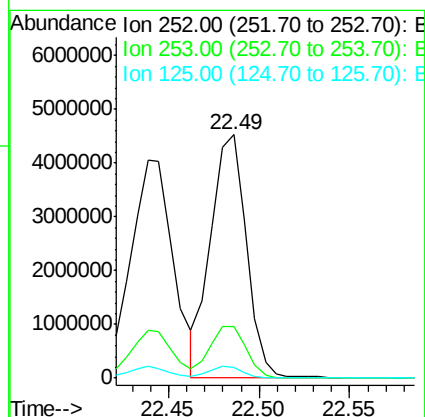
Delta R.T. -0.08 min

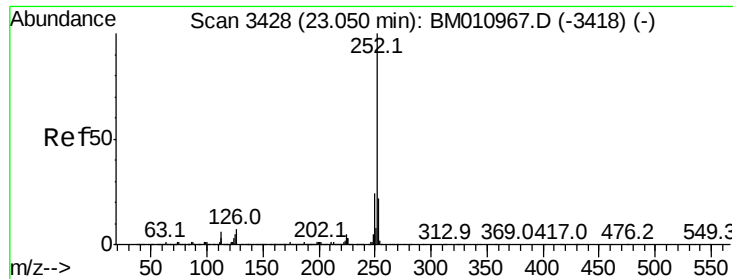
Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Tgt Ion:252 Resp: 6188946

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	4.2	8.1	12.1#





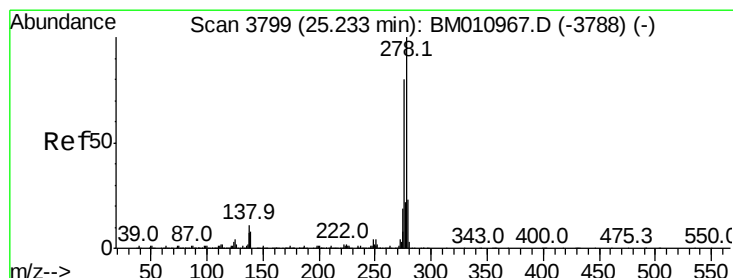
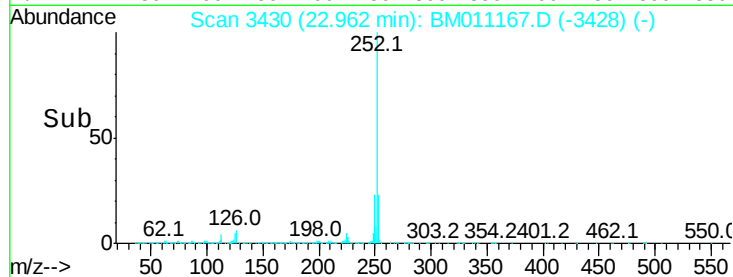
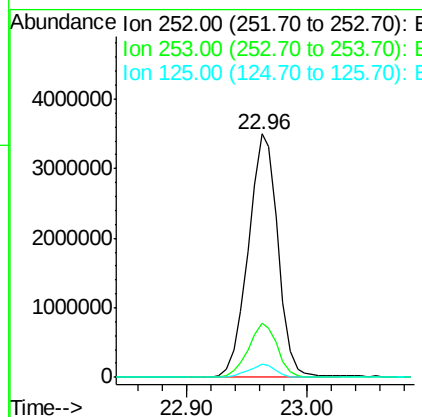
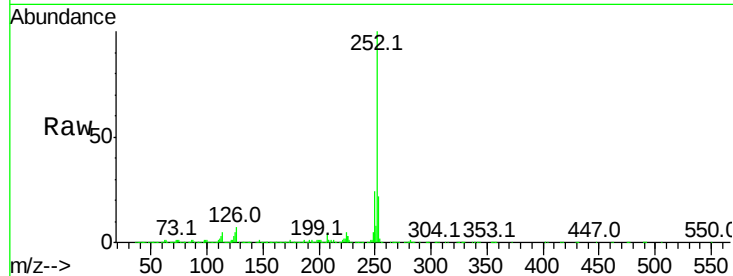
#89
Benzo(a)pyrene
Concen: 51.446 ng
RT: 22.96 min Scan# 3430
Delta R.T. -0.09 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	5.2	7.4	11.2

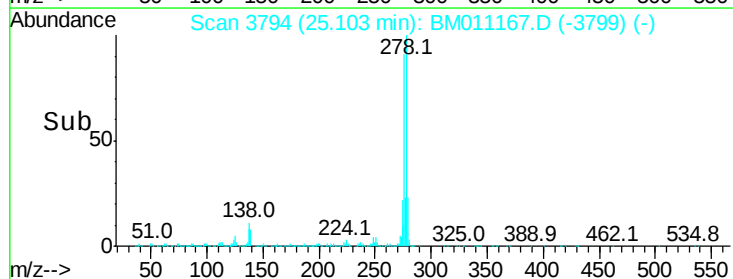
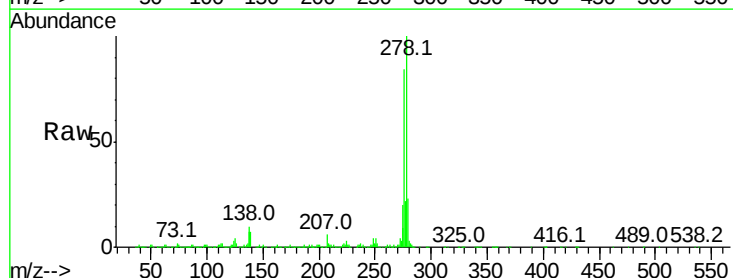
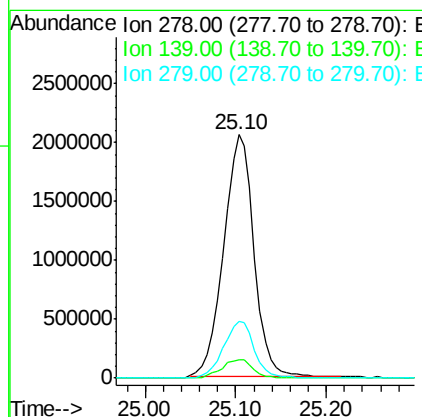
Manual Integrations
APPROVED

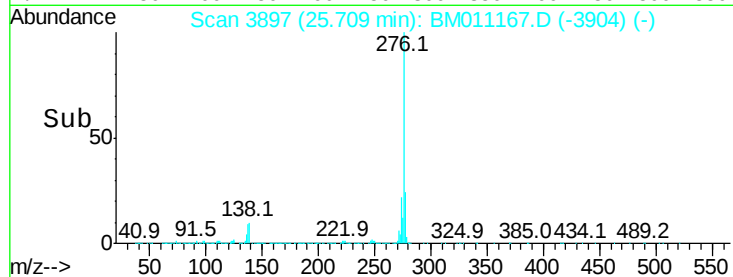
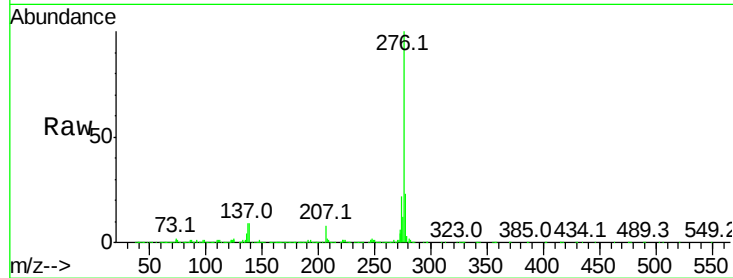
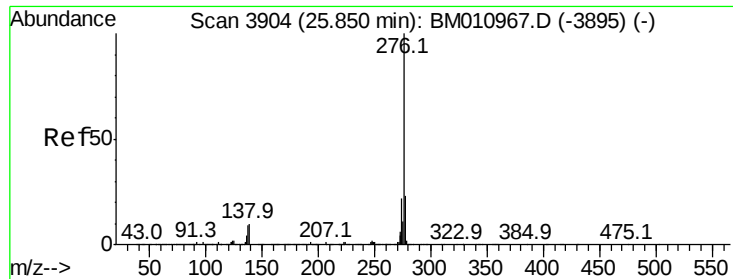
Sohil
8/10/2017 6:13:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.284 ng
RT: 25.10 min Scan# 3794
Delta R.T. -0.13 min
Lab File: BM011167.D
Acq: 08 Aug 2017 00:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.5	13.4	20.0
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 44.602 ng

RT: 25.71 min Scan# 3897

Delta R.T. -0.14 min

Lab File: BM011167.D

Acq: 08 Aug 2017 00:08

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MSD

Tot Ion:276 Resp: 4704031

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 9.5 19.0 28.6#

Manual Integrations

APPROVED

Sohil

8/10/2017 6:13:07 PM

