

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011251.D
 Acq On : 16 Aug 2017 11:08
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/17/2017 6:00:27 PM

Quant Time: Aug 16 14:38:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	75126	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	328460	20.00	ng	0.00
38) Acenaphthene-d10	13.95	164	265638	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	782761	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1158763	20.00	ng	0.00
86) Perylene-d12	23.01	264	1069929	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.93	112	406878	91.55	ng	0.00
7) Phenol-d6	6.49	99	594853	94.21	ng	0.00
23) Nitrobenzene-d5	8.43	82	916135	104.68	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	393293	92.37	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1732586	81.80	ng	0.00
78) Terphenyl-d14	19.39	244	4594232	78.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	105321	52.782	ng	# 100
3) Pyridine	3.30	79	276277	50.690	ng	# 87
4) n-Nitrosodimethylamine	3.22	42	183301	65.994	ng	# 62
6) Aniline	6.63	93	363583	45.686	ng	# 79
8) 2-Chlorophenol	6.86	128	199500	44.216	ng	# 66
9) Benzaldehyde	6.45	77	187778	45.962	ng	# 62
10) Phenol	6.52	94	321308	46.849	ng	# 73
11) bis(2-Chloroethyl)ether	6.74	93	254225	47.573	ng	# 78
12) 1,3-Dichlorobenzene	7.17	146	247409	44.993	ng	# 60
13) 1,4-Dichlorobenzene	7.32	146	251387	44.600	ng	# 88
14) 1,2-Dichlorobenzene	7.63	146	238542	44.264	ng	# 86
15) Benzyl Alcohol	7.54	79	286339	47.271	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.83	45	259982	54.065	ng	# 76
17) 2-Methylphenol	7.75	107	206748	47.167	ng	# 62
18) Hexachloroethane	8.34	117	125441	51.033	ng	# 79
19) n-Nitroso-di-n-propylamine	8.10	70	314081	58.534	ng	# 95
20) 3+4-Methylphenols	8.07	107	286620	47.040	ng	# 78
22) Acetophenone	8.11	105	434752	44.156	ng	# 84
24) Nitrobenzene	8.47	77	479062	52.826	ng	# 74
25) Isophorone	9.00	82	738487	50.610	ng	# 81
26) 2-Nitrophenol	9.18	139	117200	40.616	ng	# 1
27) 2,4-Dimethylphenol	9.26	122	216059	42.534	ng	# 59
28) bis(2-Chloroethoxy)methane	9.49	93	379205	46.595	ng	# 99
29) 2,4-Dichlorophenol	9.71	162	244934	42.910	ng	# 86
30) 1,2,4-Trichlorobenzene	9.92	180	315610	44.719	ng	# 96
31) Naphthalene	10.09	128	706813	42.776	ng	# 97
32) Benzoic acid	9.40	122	153888	37.690	ng	# 36
33) 4-Chloroaniline	10.22	127	248861	37.754	ng	# 58
34) Hexachlorobutadiene	10.38	225	274475	49.377	ng	# 99
35) Caprolactam	11.01	113	67757m	41.858	ng	#
36) 4-Chloro-3-methylphenol	11.36	107	344188	46.698	ng	# 69
37) 2-Methylnaphthalene	11.72	142	535416	44.109	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.10	216	475421	41.657	ng	# 100
40) Hexachlorocyclopentadiene	12.09	237	247642	37.239	ng	# 93

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 SSTDC040

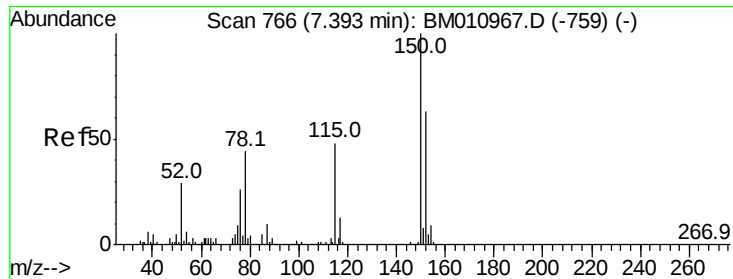
Manual Integrations
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 8/17/2017 6:00:27 PM

Quant Time: Aug 16 14:38:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.36	196	289485	41.908	nq	99
43) 2,4,5-Trichlorophenol	12.44	196	283539	39.853	nq #	87
45) 1,1'-Biphenyl	12.77	154	927063	40.361	nq	96
46) 2-Chloronaphthalene	12.81	162	680537	40.213	nq #	90
47) 2-Nitroaniline	13.03	65	320775	53.578	nq #	55
48) Acenaphthylene	13.67	152	1054906	41.768	nq	99
49) Dimethylphthalate	13.43	163	938816	41.314	nq #	99
50) 2,6-Dinitrotoluene	13.55	165	200808	43.699	nq #	25
51) Acenaphthene	14.02	154	671249	42.923	nq	99
52) 3-Nitroaniline	13.89	138	150110	37.644	nq #	15
53) 2,4-Dinitrophenol	14.09	184	141457	43.314	nq #	75
54) Dibenzofuran	14.36	168	1127373	44.492	nq	93
55) 4-Nitrophenol	14.23	139	88284	25.199	nq #	58
56) 2,4-Dinitrotoluene	14.34	165	290690	45.060	nq #	65
57) Fluorene	15.02	166	995251	45.112	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	300479	45.059	nq #	100
59) Diethylphthalate	14.82	149	1030968	44.424	nq	97
60) 4-Chlorophenyl-phenylether	15.02	204	596657	44.794	nq	96
61) 4-Nitroaniline	15.06	138	126529	29.873	nq #	1
62) Azobenzene	15.32	77	1430244	57.583	nq	83
64) 4,6-Dinitro-2-methylphenol	15.12	198	228425	43.106	nq	92
65) n-Nitrosodiphenylamine	15.24	169	896487	40.019	nq	99
66) 4-Bromophenyl-phenylether	15.92	248	406894	40.436	nq #	87
67) Hexachlorobenzene	16.02	284	463888	40.796	nq #	85
68) Atrazine	16.22	200	340929	37.977	nq	98
69) Pentachlorophenol	16.37	266	304092	42.124	nq	98
70) Phenanthrene	16.76	178	1800543	43.930	nq	98
71) Anthracene	16.84	178	1791462	43.826	nq	99
72) Carbazole	17.13	167	1597158	44.678	nq	98
73) Di-n-butylphthalate	17.72	149	1927626	44.279	nq #	95
74) Fluoranthene	18.79	202	2480535	48.836	nq	98
76) Benzidine	19.02	184	650154m	23.454	nq	
77) Pyrene	19.16	202	2682673	38.963	nq	100
79) Butylbenzylphthalate	20.10	149	953402	38.940	nq #	58
80) Benzo(a)anthracene	20.93	228	2837838	42.891	nq	98
81) 3,3'-Dichlorobenzidine	20.88	252	1051714	40.519	nq #	97
82) Chrysene	20.98	228	2710534	42.678	nq	99
83) Bis(2-ethylhexyl)phthalate	20.89	149	1425435	39.575	nq	97
84) Di-n-octyl phthalate	21.74	149	2434255	41.641	nq #	94
85) Indeno(1,2,3-cd)pyrene	25.04	276	2995582	45.542	nq #	96
87) Benzo(b)fluoranthene	22.41	252	2828642	41.192	nq #	91
88) Benzo(k)fluoranthene	22.45	252	2870143	43.608	nq #	95
89) Benzo(a)pyrene	22.93	252	2709820	43.611	nq #	95
90) Dibenzo(a,h)anthracene	25.05	278	2359447	40.961	nq #	89
91) Benzo(g,h,i)perylene	25.65	276	2437719	43.097	nq #	84

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



#1

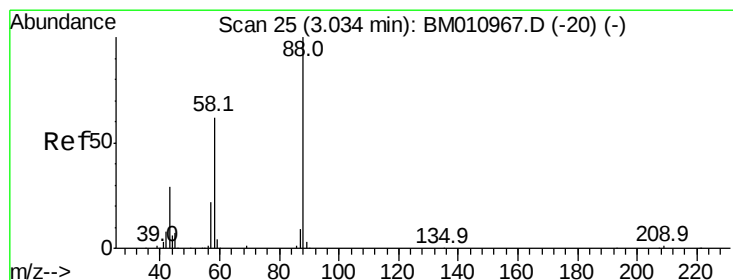
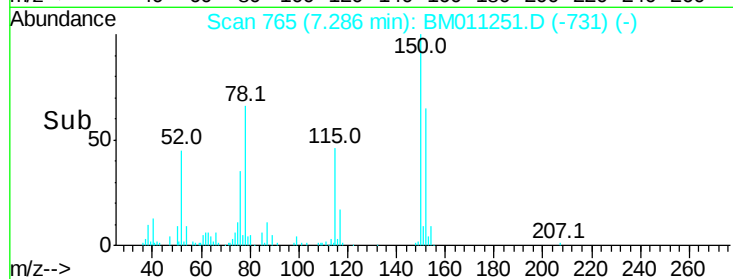
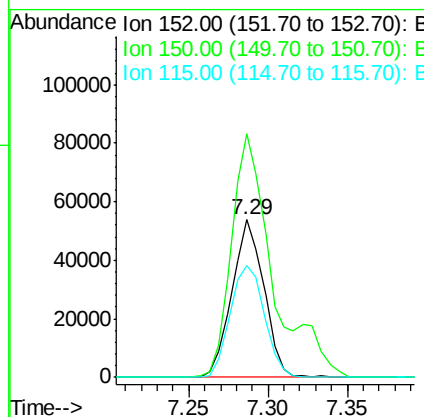
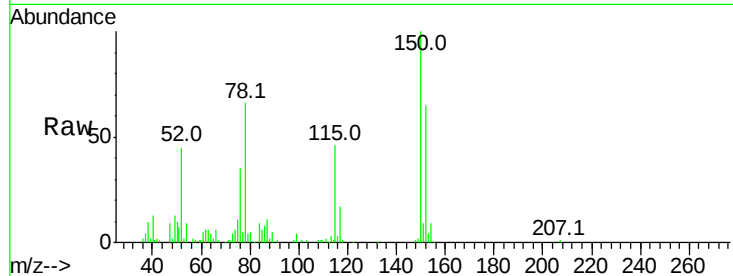
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	70.7	43.0	64.4#

Manual Integrations
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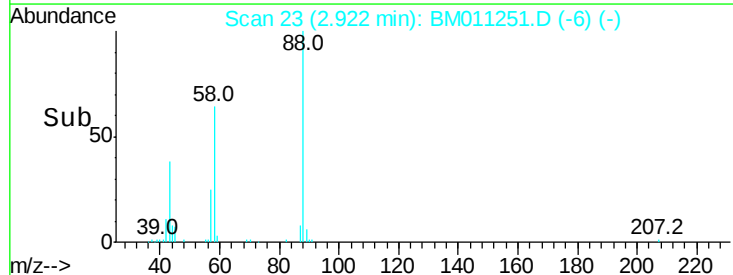
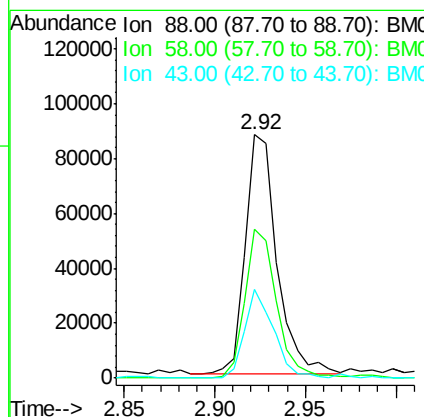
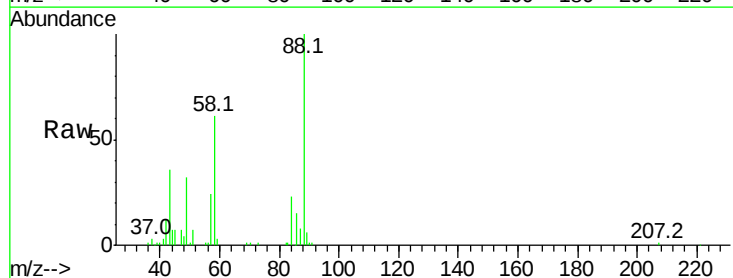
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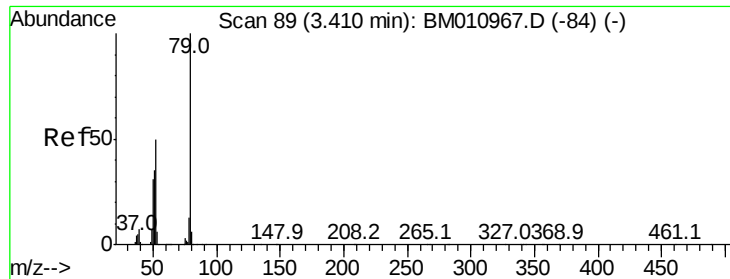


#2

1,4-Dioxane
Concen: 52.782 ng
RT: 2.92 min Scan# 23
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	0.0	0.0#
43	34.3	0.0	0.0#





#3

Pvridine

Concen: 50.690 ng

RT: 3.30 min Scan# 88

Delta R.T. 0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

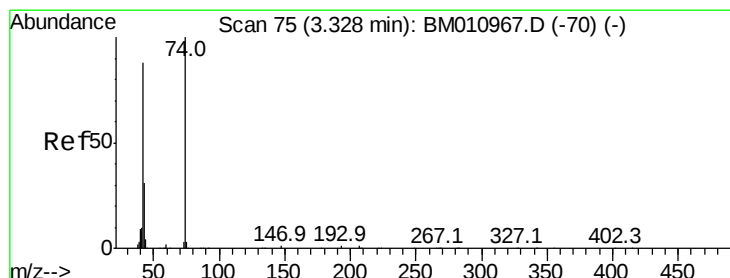
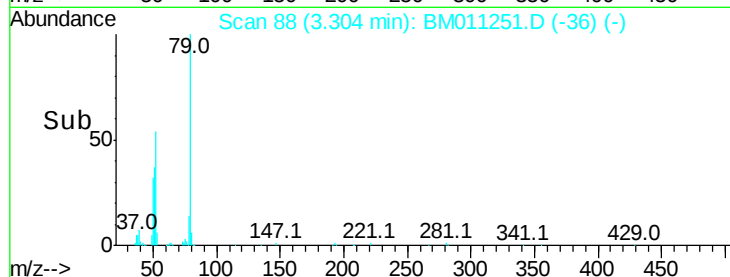
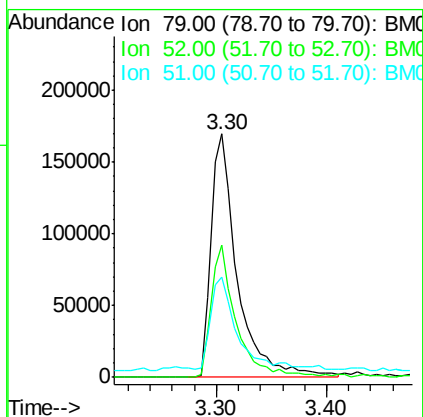
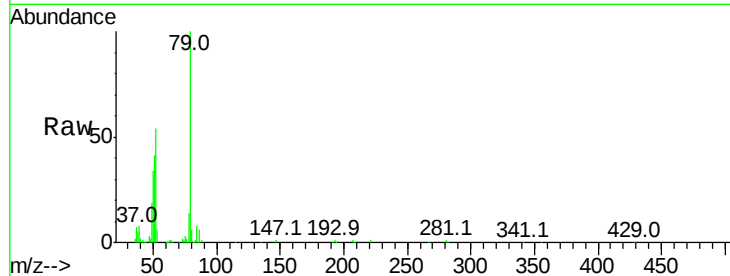
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	276277
Ion Ratio	Lower	Upper	
79	100		
52	54.3	51.1	76.7
51	41.1	26.1	39.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 65.994 ng

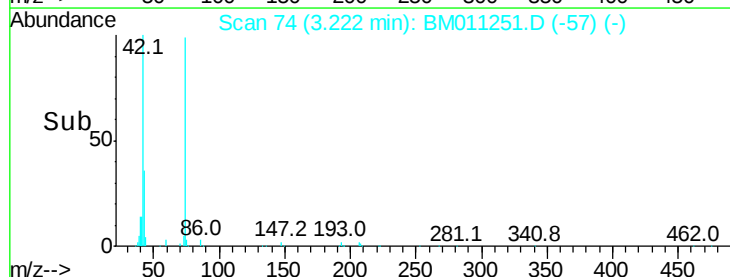
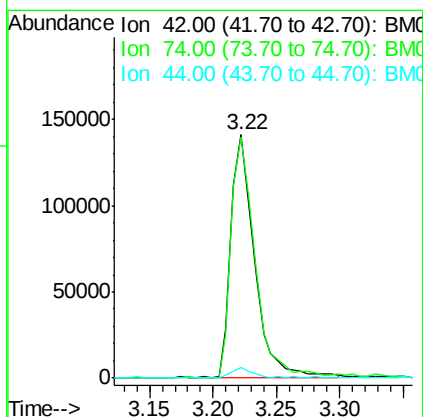
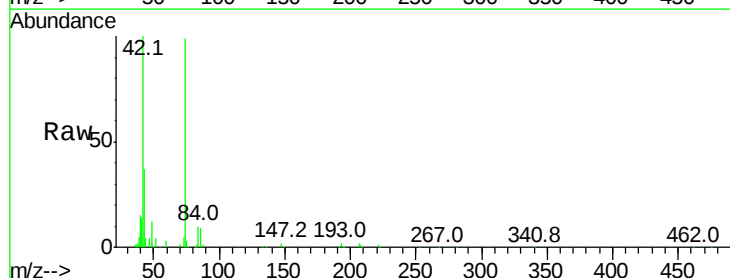
RT: 3.22 min Scan# 74

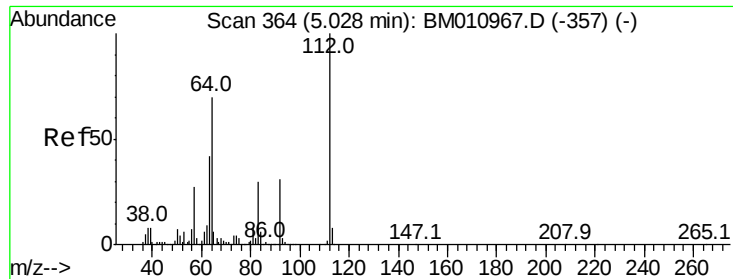
Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion:	42	Resp:	183301
Ion Ratio	Lower	Upper	
42	100		
74	98.8	119.3	178.9#
44	4.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 91.553 ng

RT: 4.93 min Scan# 364

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

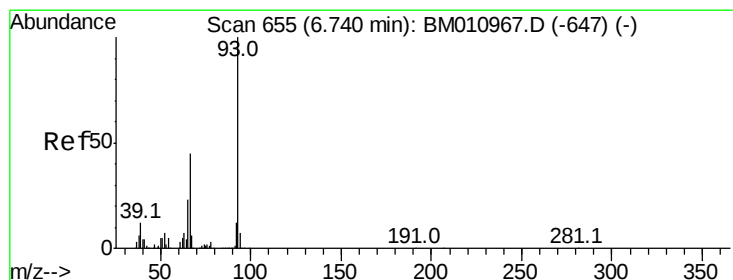
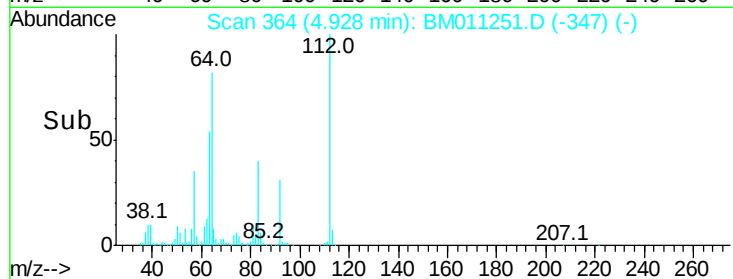
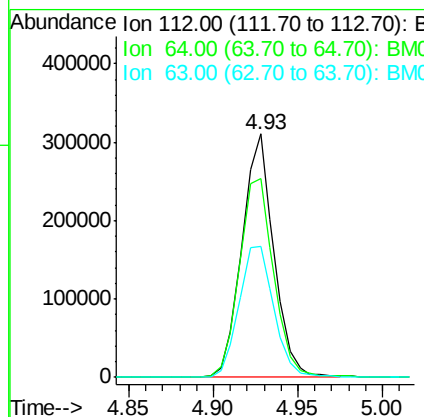
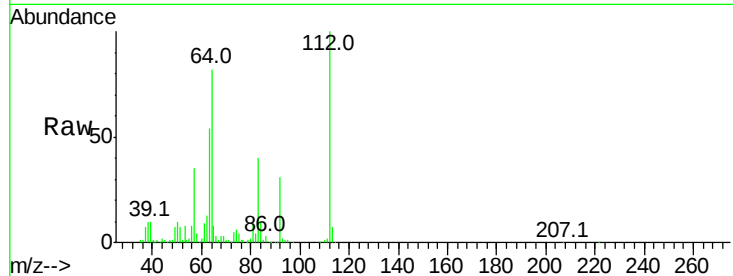
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	406878
Ion Ratio	Lower	Upper	
112	100		
64	81.6	38.6	57.8#
63	54.0	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 45.686 ng

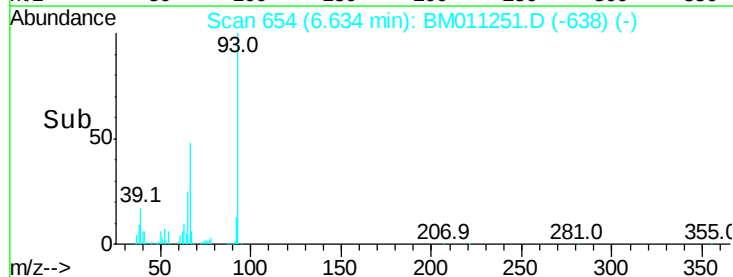
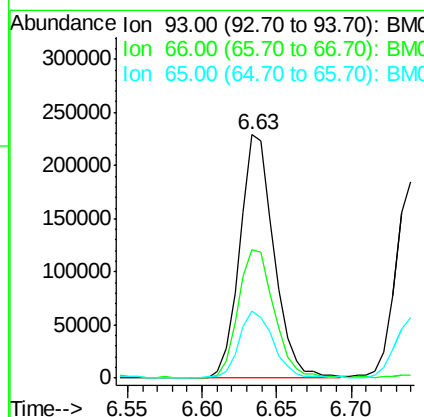
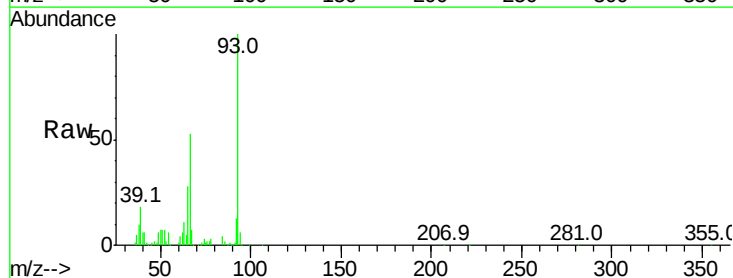
RT: 6.63 min Scan# 654

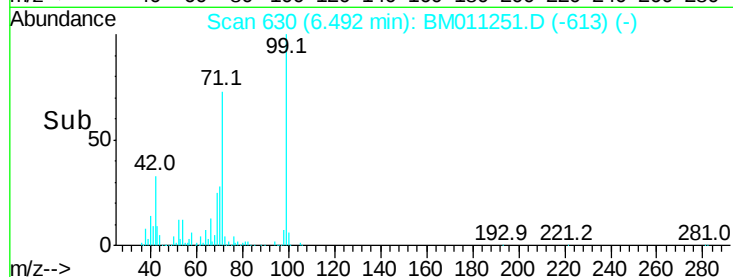
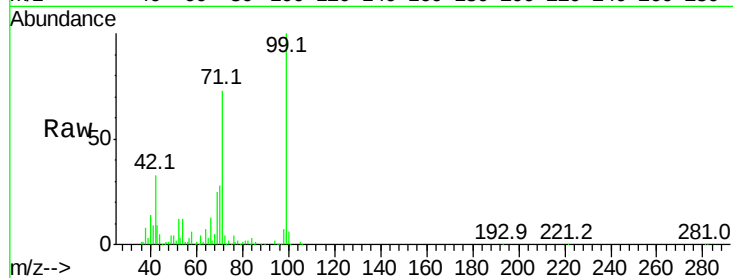
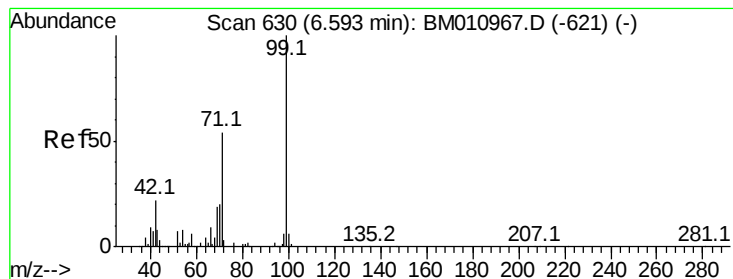
Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion:	93	Resp:	363583
Ion Ratio	Lower	Upper	
93	100		
66	53.0	30.8	46.2#
65	27.7	16.0	24.0#





#7

Phenol-d6

Concen: 94.207 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		594853		
42	33.0	11.0	16.4#		
71	73.1	23.4	35.2#		

Instrument :

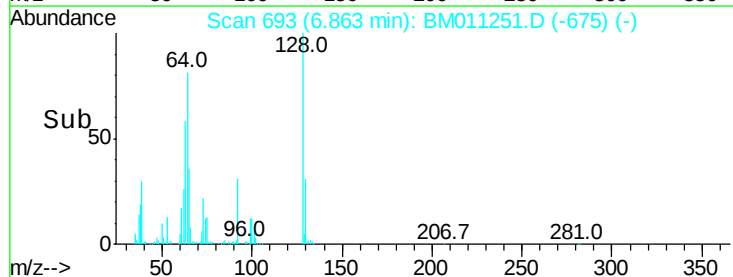
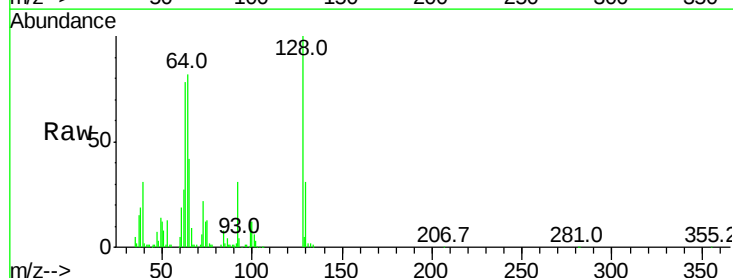
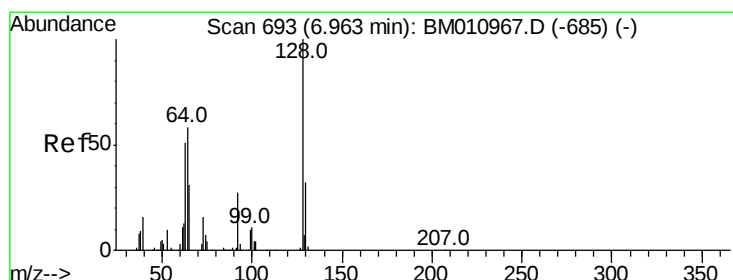
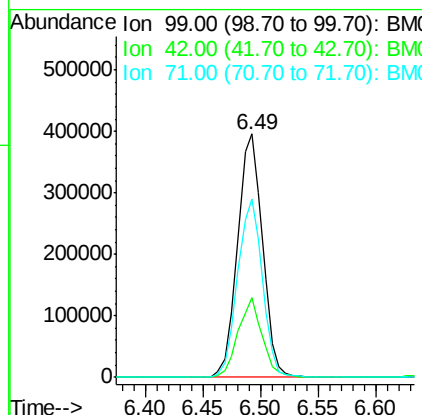
BNA_M

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 44.216 ng

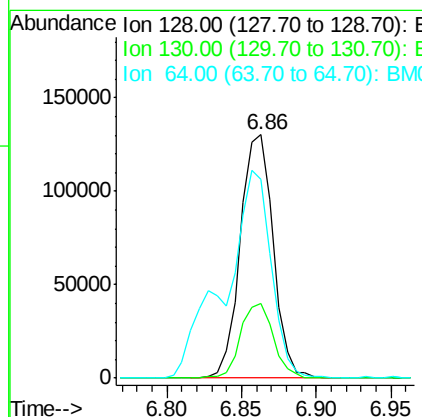
RT: 6.86 min Scan# 693

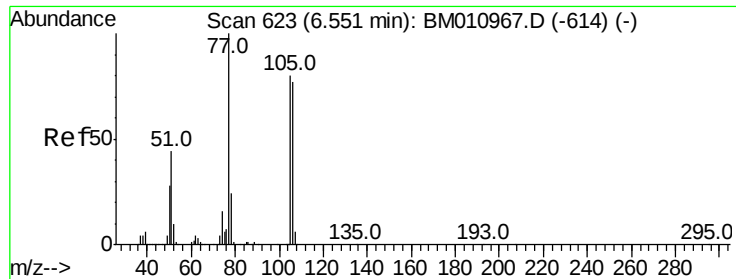
Delta R.T. 0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		199500		
130	30.6	12.0	52.0		
64	81.6	24.9	64.9#		





#9

Benzaldehyde

Concen: 45.962 ng

RT: 6.45 min Scan# 622

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 187778

Ion Ratio Lower Upper

77 100

105 59.0 78.8 118.8#

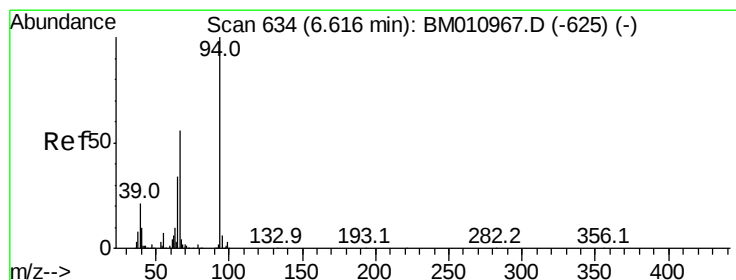
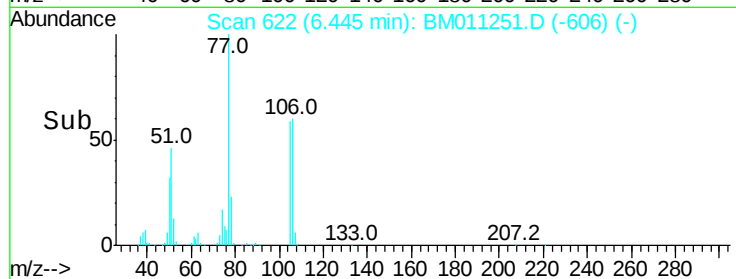
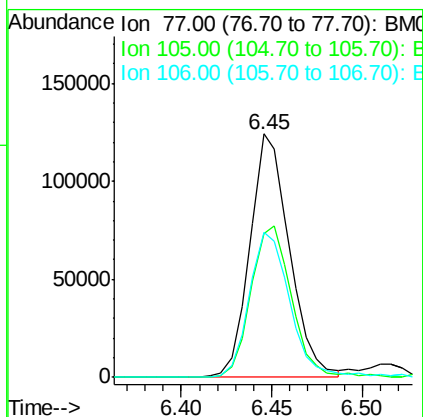
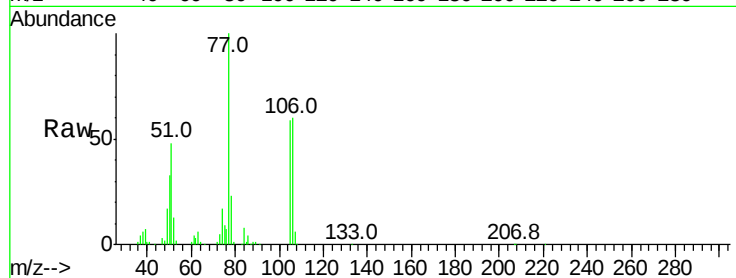
106 59.8 73.7 113.7#

Manual Integrations

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8/17/2017 6:00:27 PM



#10

Phenol

Concen: 46.849 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

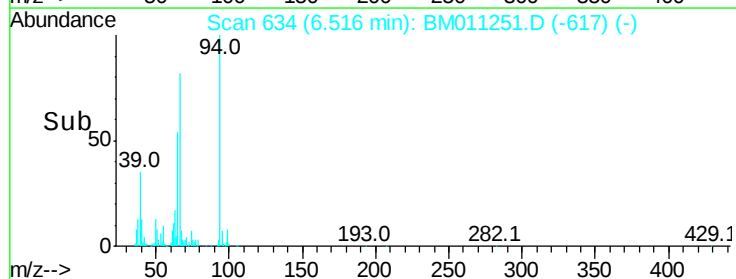
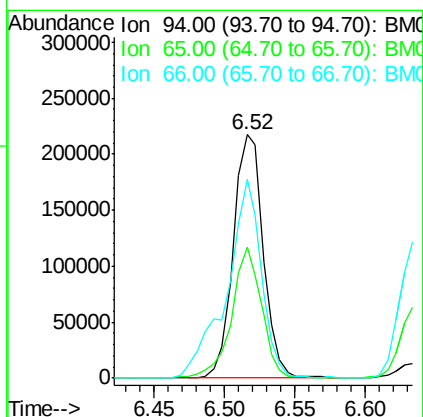
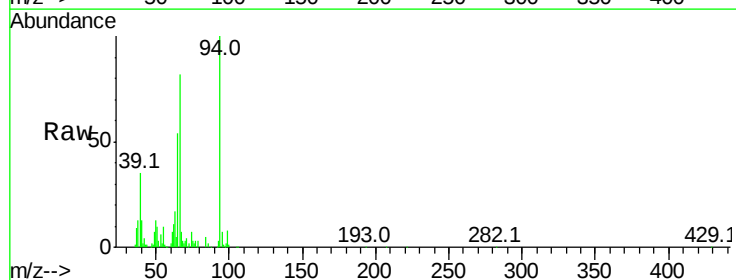
Tgt Ion: 94 Resp: 321308

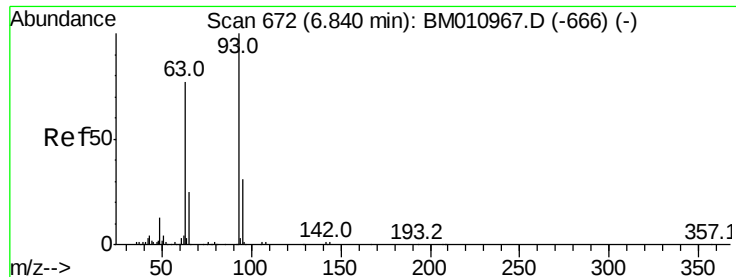
Ion Ratio Lower Upper

94 100

65 53.8 18.8 58.8

66 81.7 39.9 79.9#





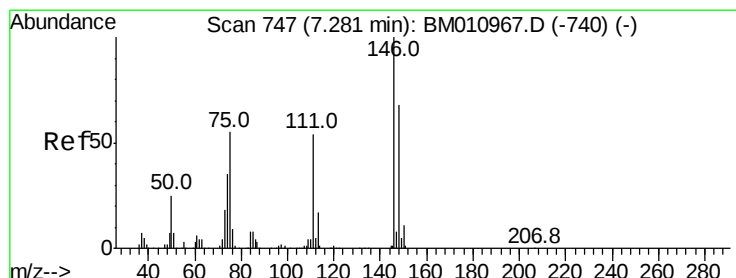
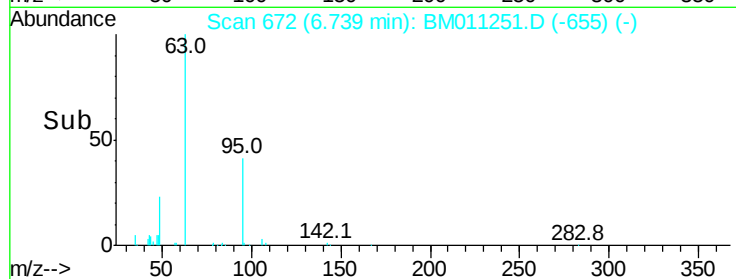
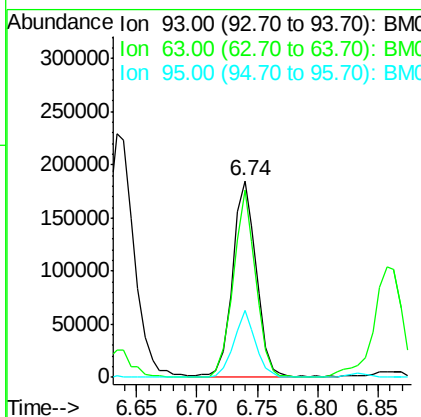
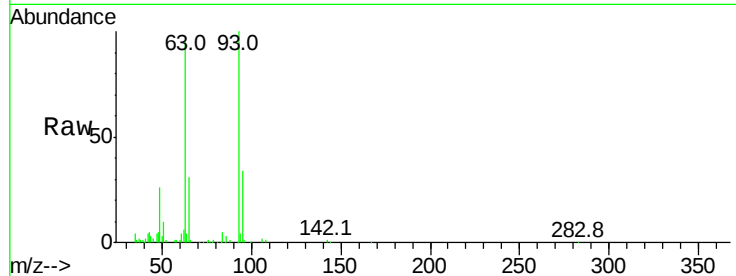
#11
bis(2-Chloroethyl)ether
Concen: 47.573 ng
RT: 6.74 min Scan# 672
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	95.3	49.5	89.5#	
95	34.0	13.5	53.5	

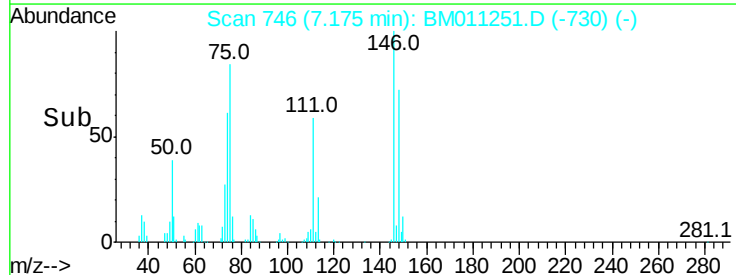
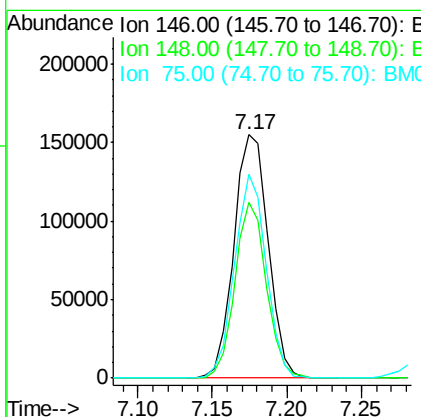
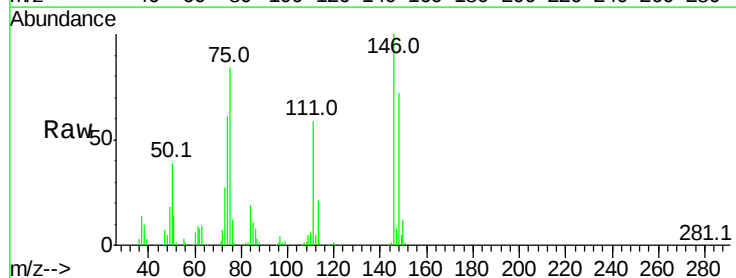
Manual Integrations
APPROVED

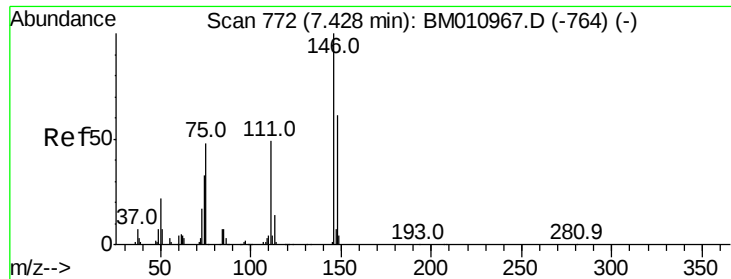
Sohil
8/17/2017 6:00:27 PM



#12
1,3-Dichlorobenzene
Concen: 44.993 ng
RT: 7.17 min Scan# 746
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	72.1	50.9	76.3	
75	83.8	21.4	32.2#	





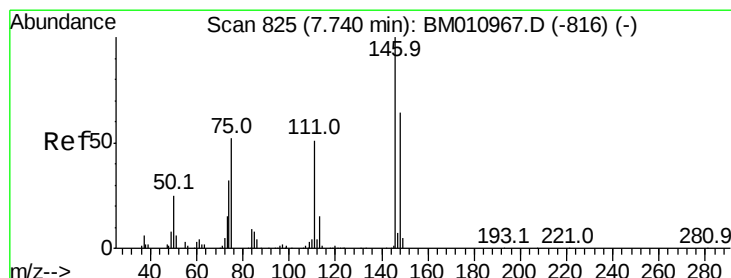
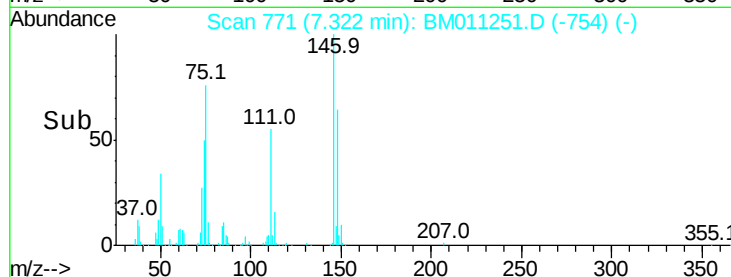
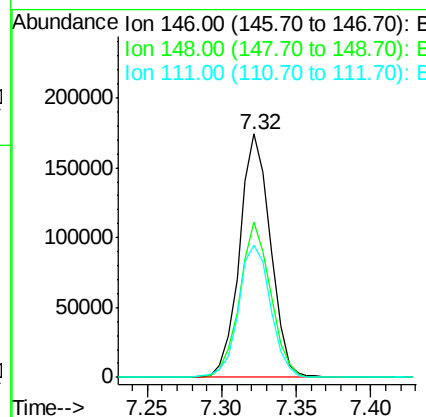
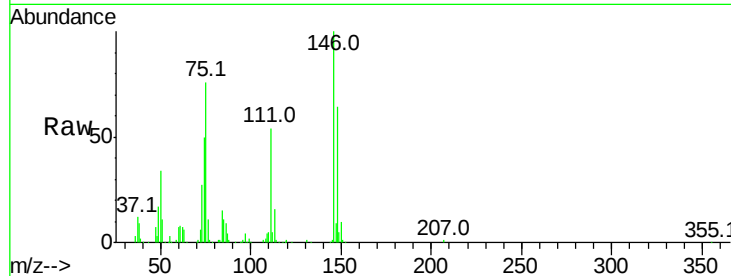
#13
 1,4-Dichlorobenzene
 Concen: 44.600 ng
 RT: 7.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	54.5	29.2	43.8#

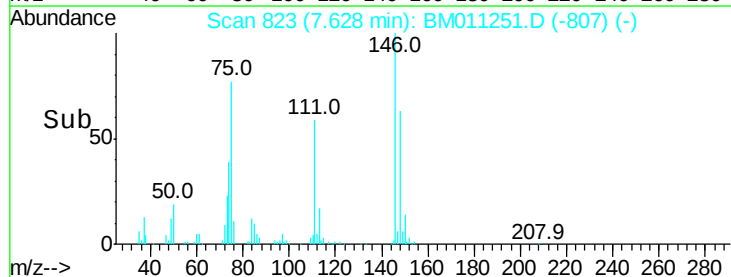
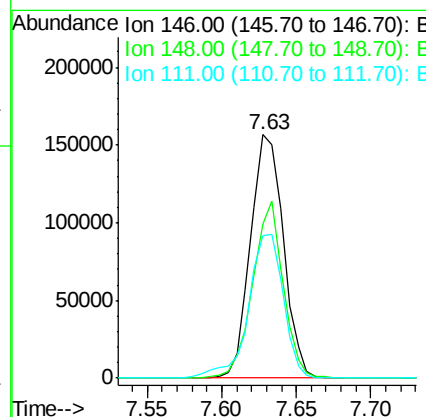
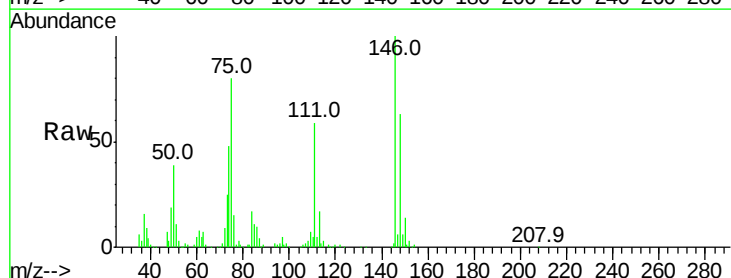
Manual Integrations
 APPROVED

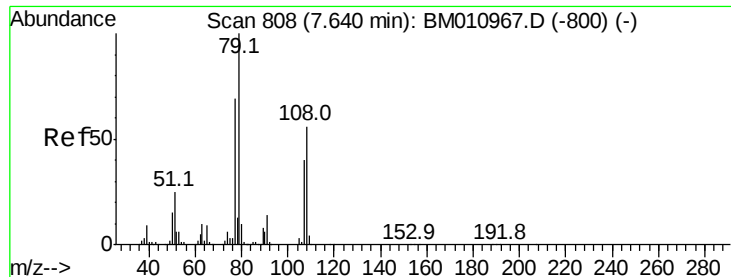
Sohil
 8/17/2017 6:00:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.264 ng
 RT: 7.63 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
111	58.5	30.6	45.8#





#15

Benzyl Alcohol

Concen: 47.271 ng

RT: 7.54 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

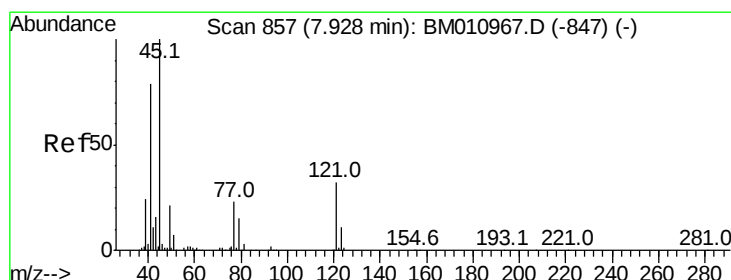
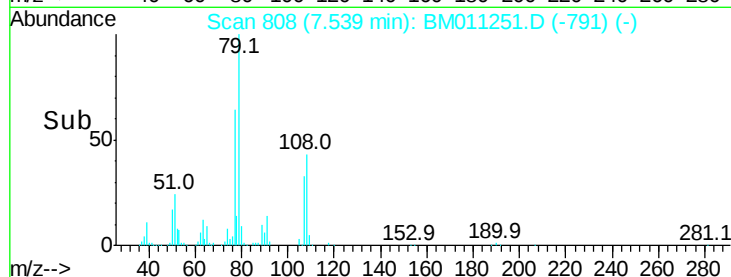
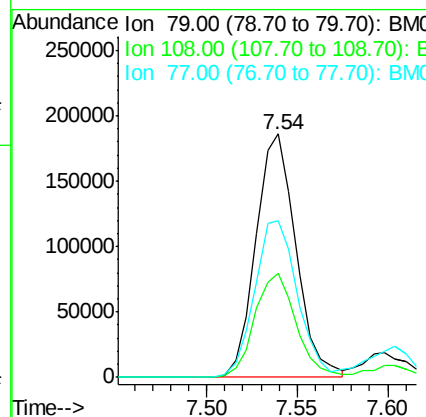
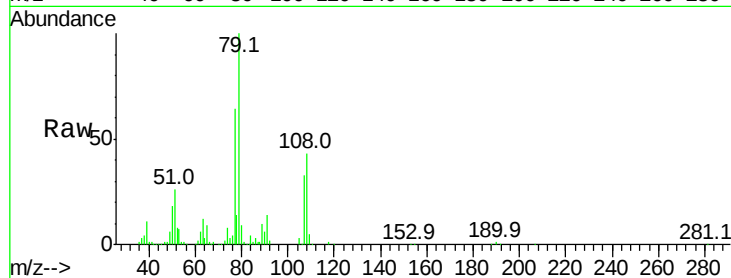
ClientSampled :

SSTDCCC040

Tot Ion	79	Resp	286339
Ion Ratio	Lower	Upper	
79	100		
108	43.0	65.0	97.4#
77	64.3	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 54.065 ng

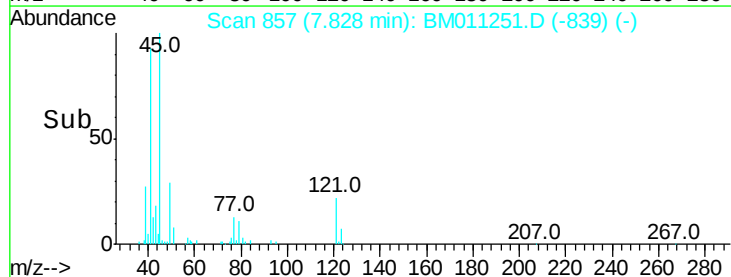
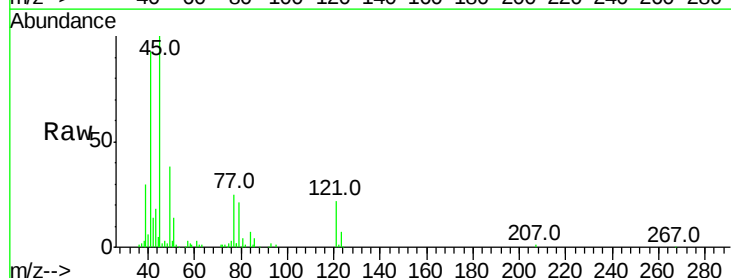
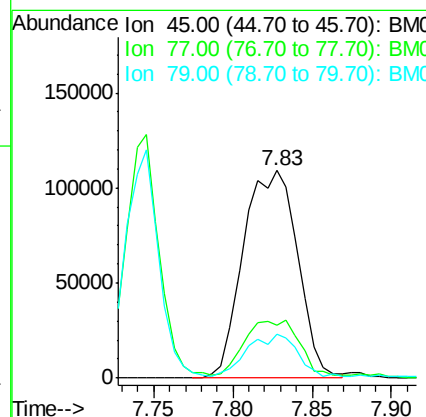
RT: 7.83 min Scan# 857

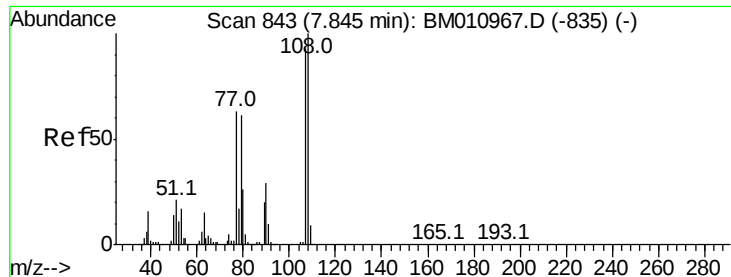
Delta R.T. 0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	45	Resp	259982
Ion Ratio	Lower	Upper	
45	100		
77	25.2	0.0	35.2
79	21.3	0.0	32.0





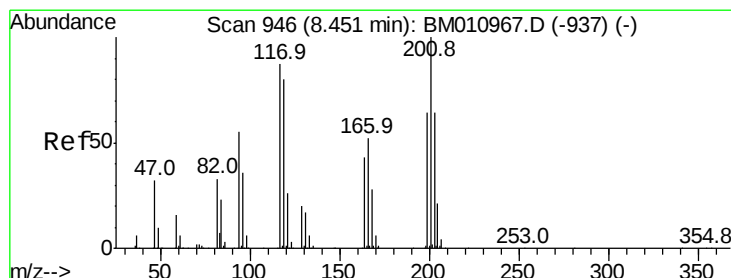
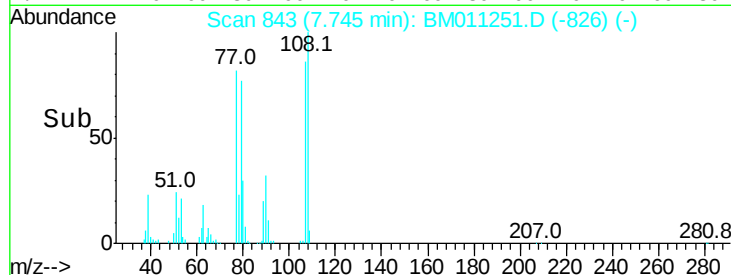
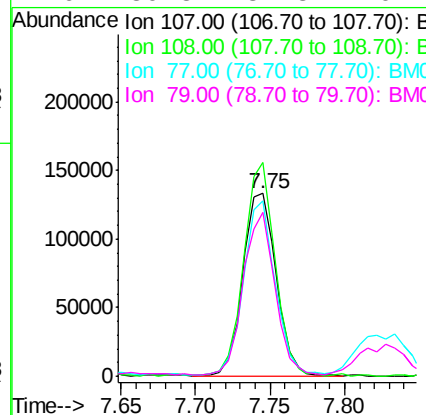
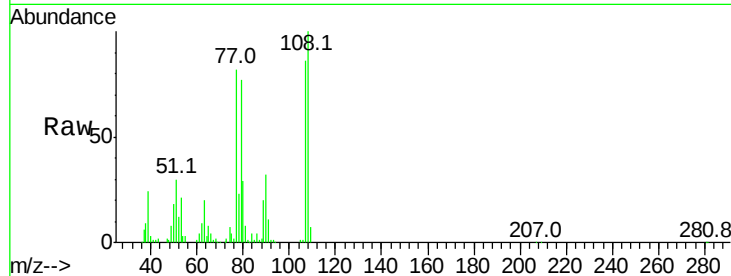
#17
2-Methylphenol
Concen: 47.167 ng
RT: 7.75 min Scan# 843
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	206748
Ion Ratio	Lower	Upper	
107	100		
108	116.8	89.8	134.8
77	96.0	32.6	48.8#
79	89.8	32.8	49.2#

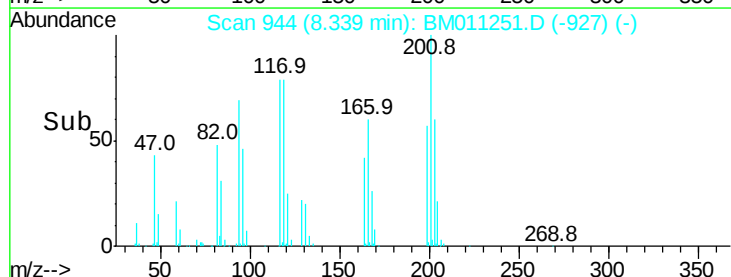
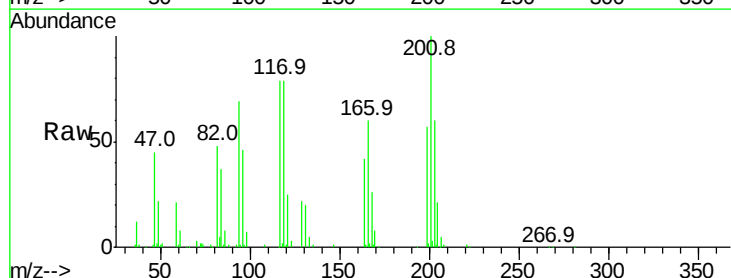
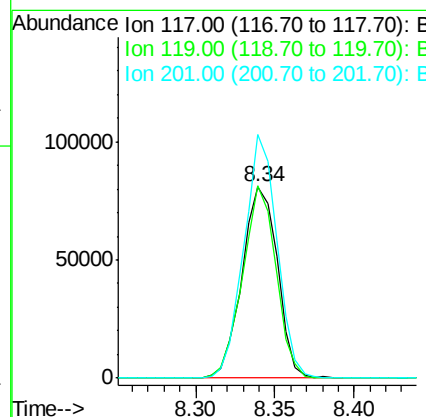
Manual Integrations
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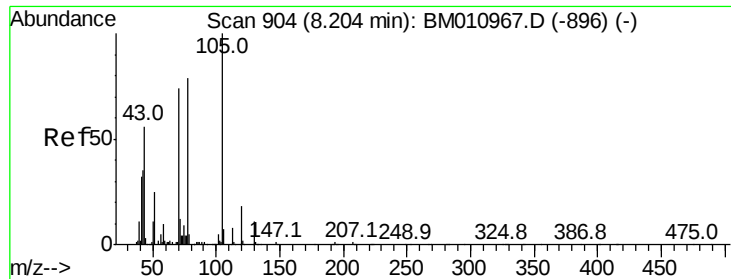
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#18
Hexachloroethane
Concen: 51.033 ng
RT: 8.34 min Scan# 944
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	117	Resp	125441
Ion Ratio	Lower	Upper	
117	100		
119	100.4	79.2	118.8
201	127.0	69.8	104.6#





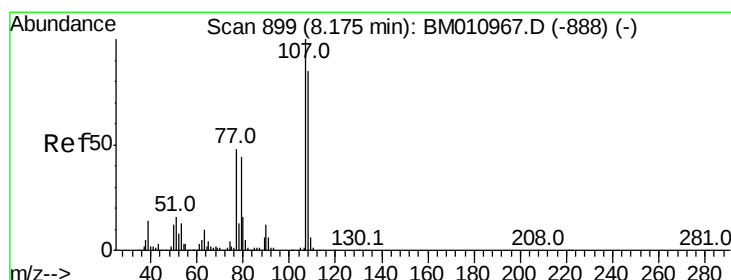
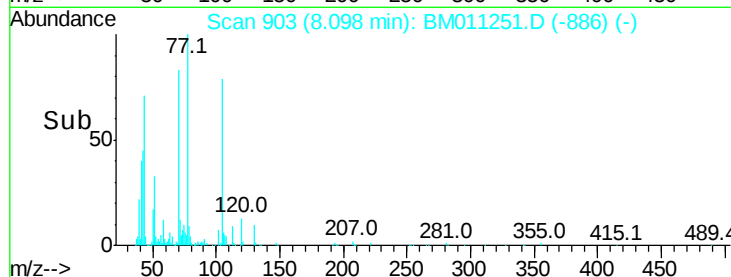
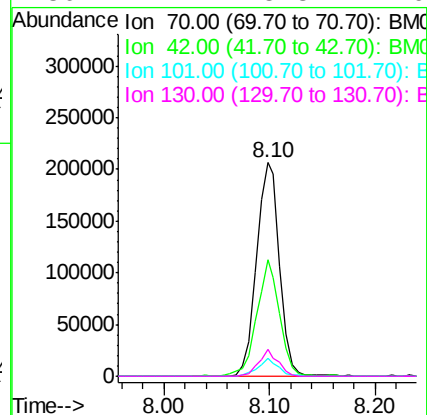
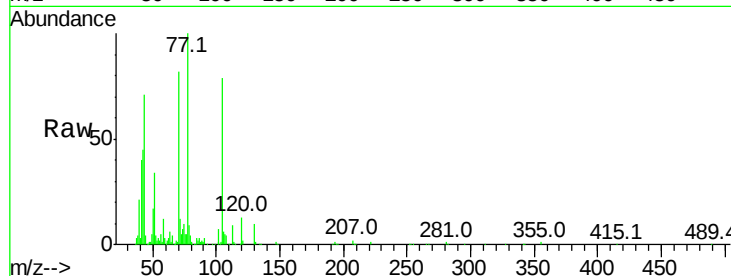
#19
n-Nitroso-di-n-propylamine
Concen: 58.534 ng
RT: 8.10 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	44.5	66.7	
101	8.3	7.4	11.2	
130	12.4	15.3	22.9	

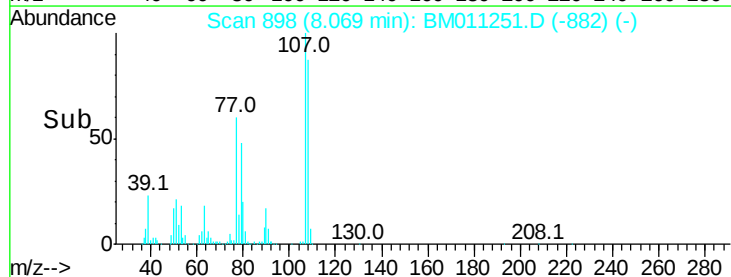
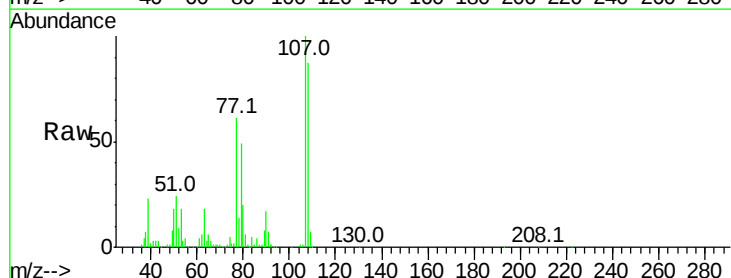
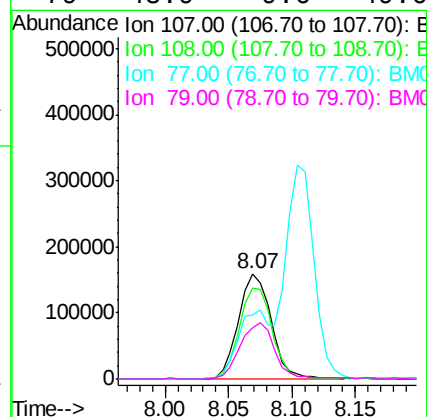
Manual Integrations
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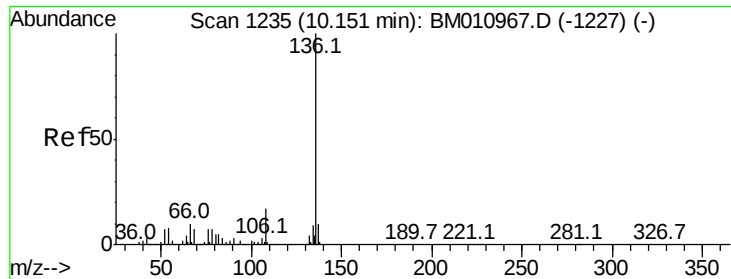
Sohil
8/17/2017 6:00:27 PM



#20
3+4-Methylphenols
Concen: 47.040 ng
RT: 8.07 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.6	73.2	113.2	
77	60.7	10.7	50.7	
79	48.9	9.6	49.6	





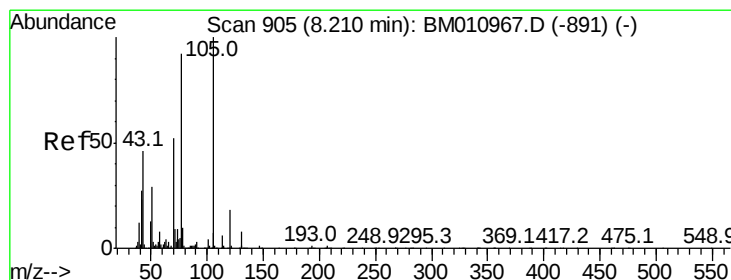
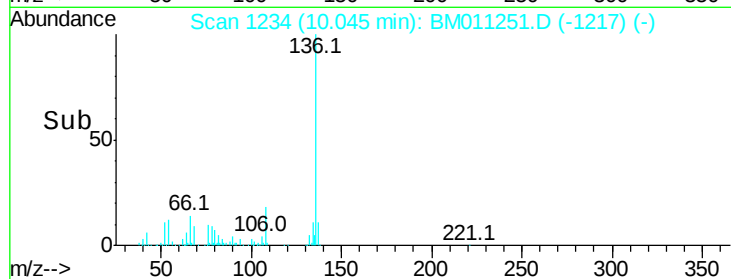
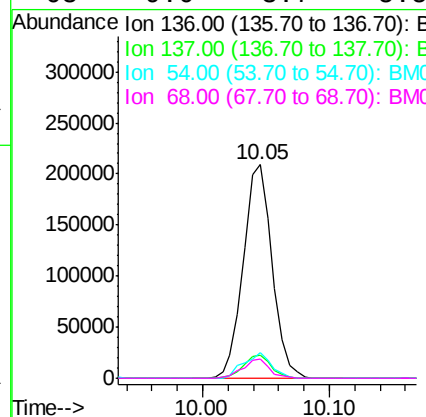
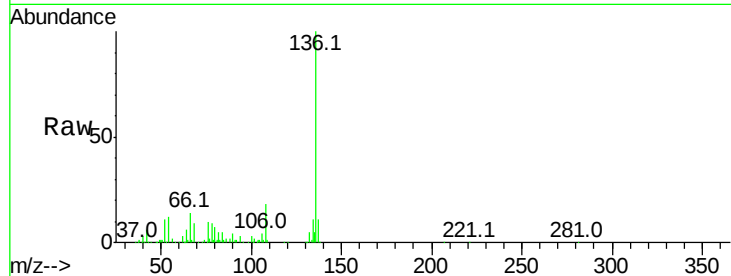
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.7	13.1	
54	12.1	4.6	6.8#	
68	9.0	3.7	5.5#	

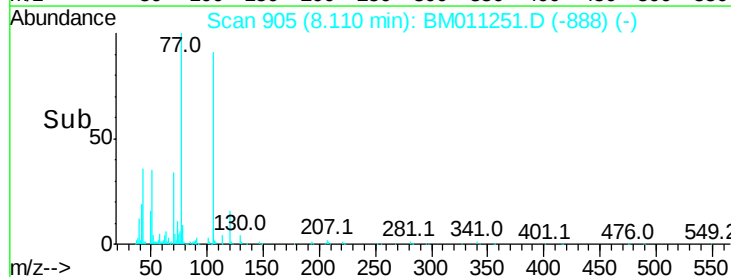
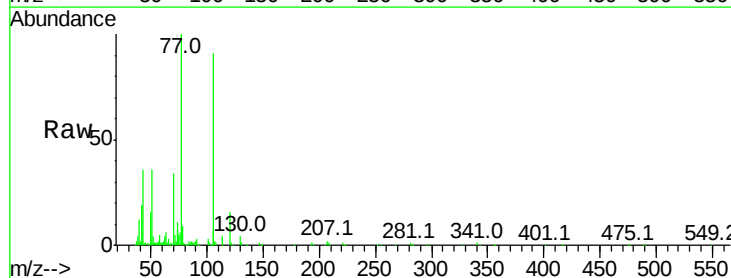
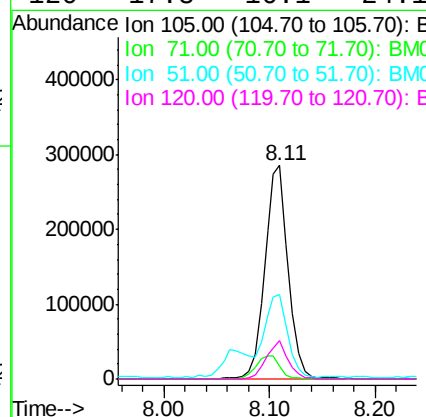
Manual Integrations
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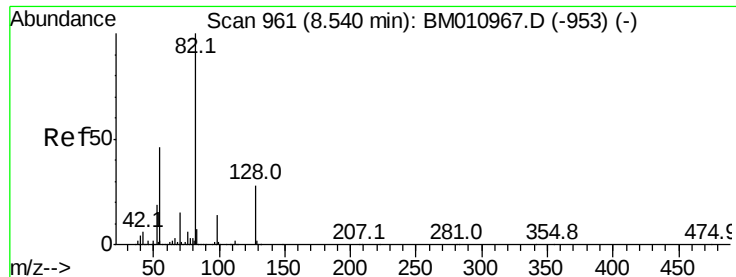
Sohil
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#22
Acetophenone
Concen: 44.156 ng
RT: 8.11 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	0.6	1.0#	
51	39.6	21.6	32.4#	
120	17.8	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 104.683 ng

RT: 8.43 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

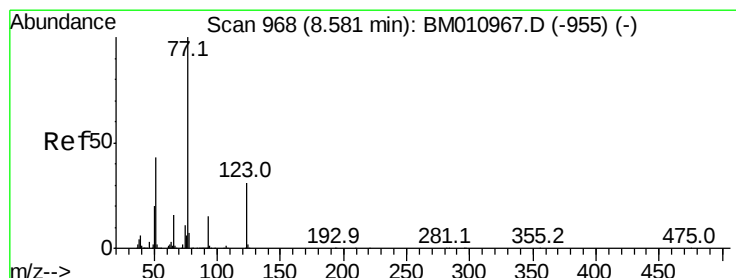
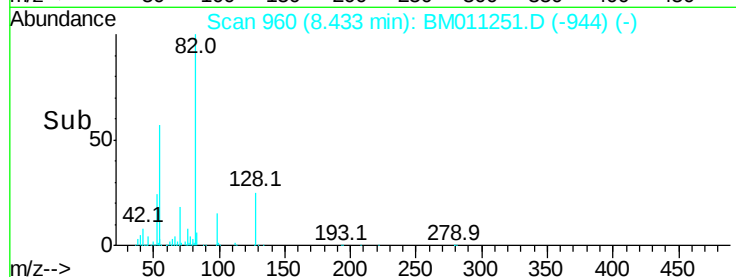
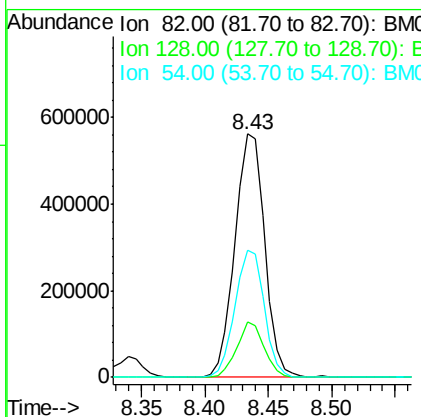
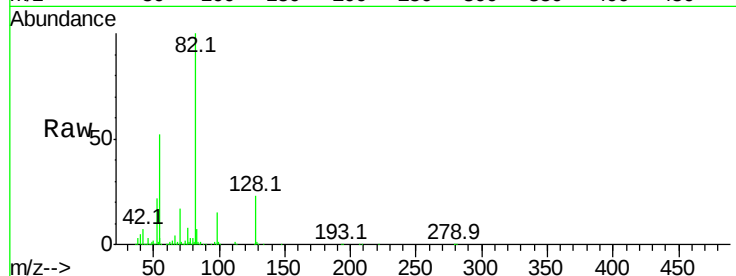
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	22.6	32.8	49.2#
54	52.1	40.6	60.8

Manual Integrations
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#24

Nitrobenzene

Concen: 52.826 ng

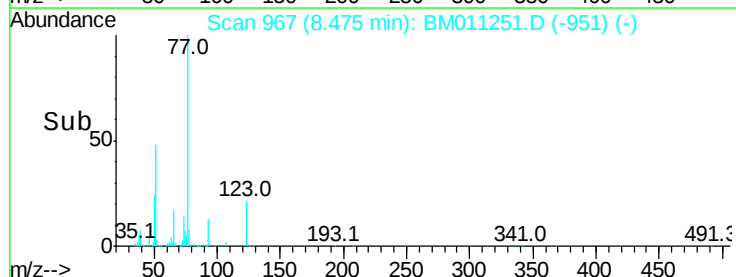
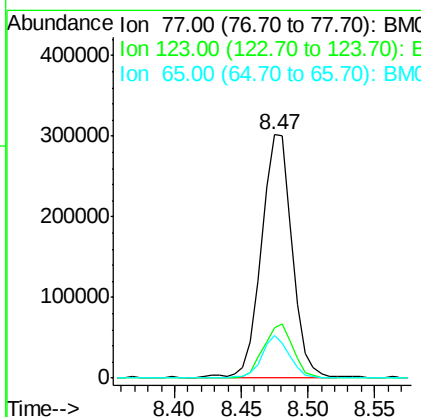
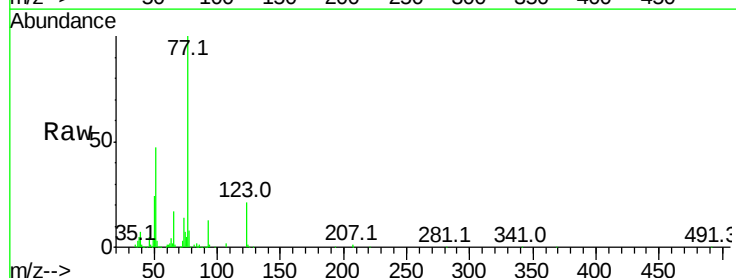
RT: 8.47 min Scan# 967

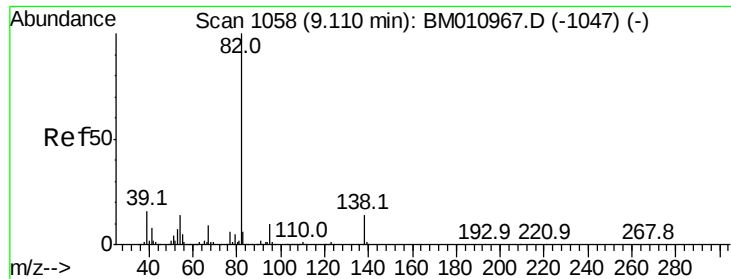
Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	20.9	32.6	49.0#
65	17.4	10.9	16.3#





#25

Isophorone

Concen: 50.610 ng

RT: 9.00 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 738487

Ion Ratio Lower Upper

82 100

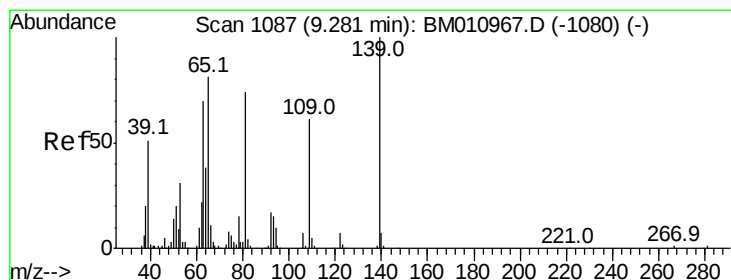
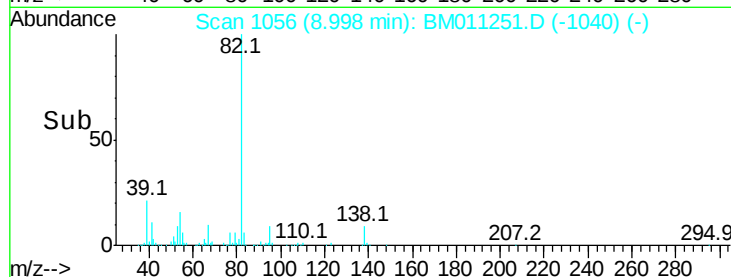
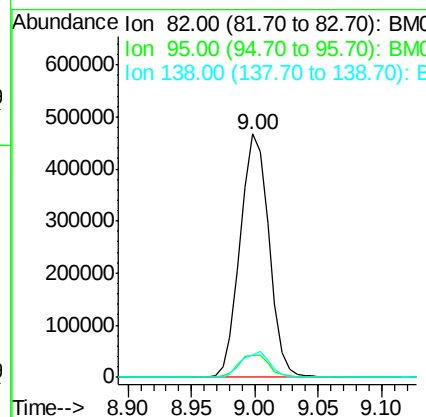
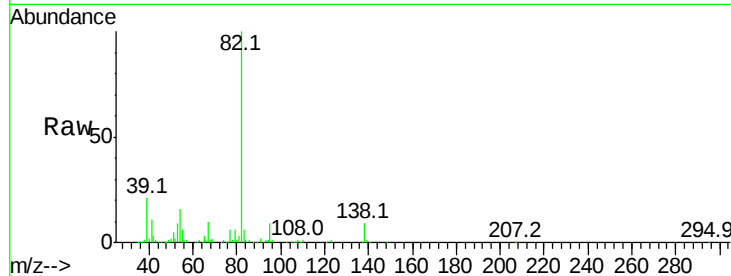
95 8.9 5.8 8.6#

138 9.0 16.3 24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.616 ng

RT: 9.18 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

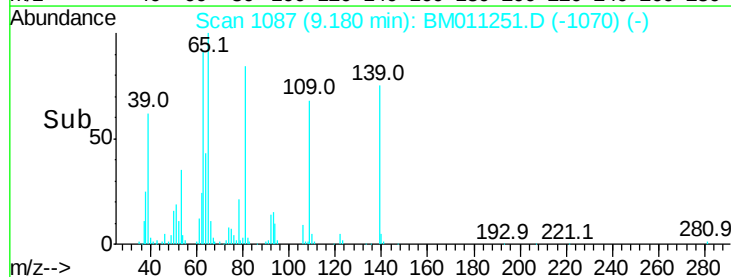
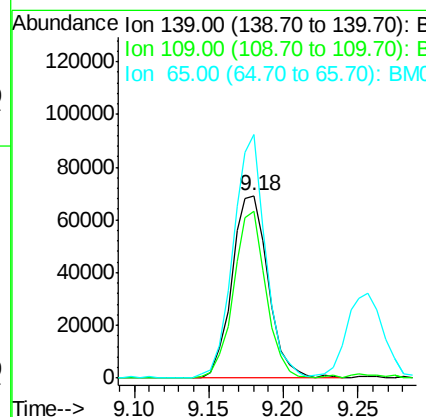
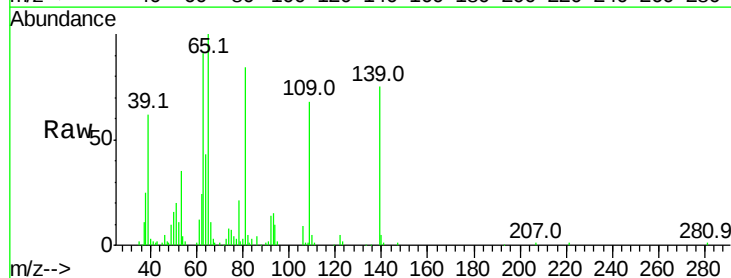
Tgt Ion: 139 Resp: 117200

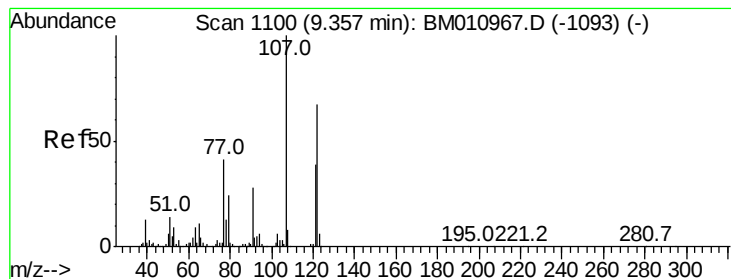
Ion Ratio Lower Upper

139 100

109 91.0 20.1 30.1#

65 133.2 31.5 47.3#





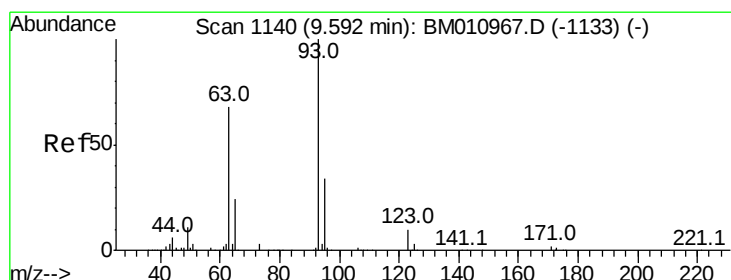
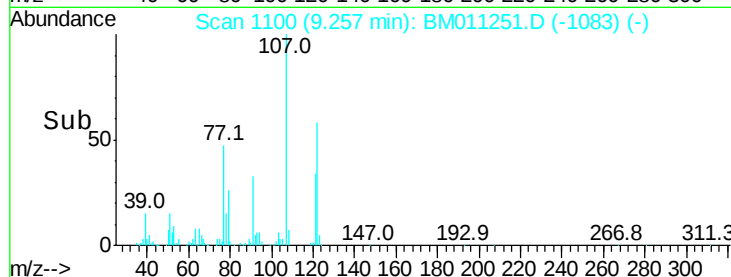
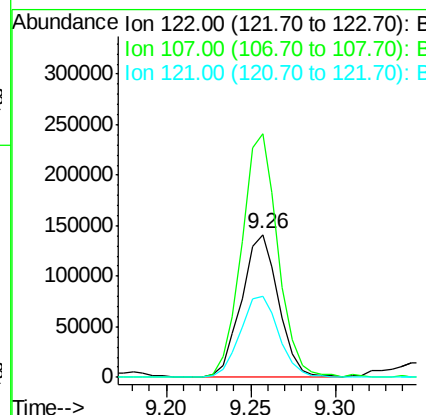
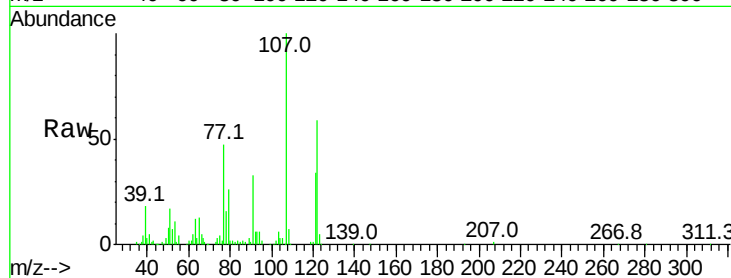
#27
2,4-Dimethylphenol
Concen: 42.534 ng
RT: 9.26 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	216059		
107	170.2	84.7	127.1#	
121	57.1	46.6	69.8	

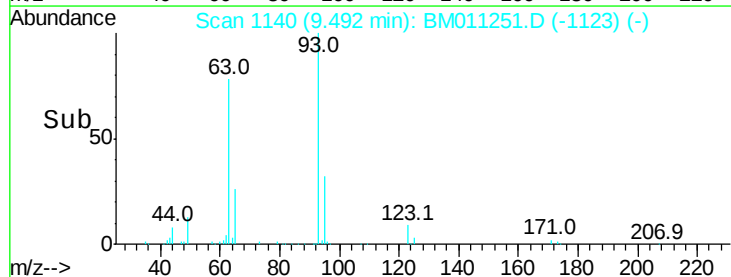
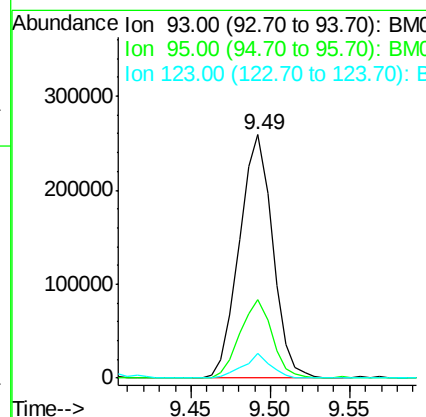
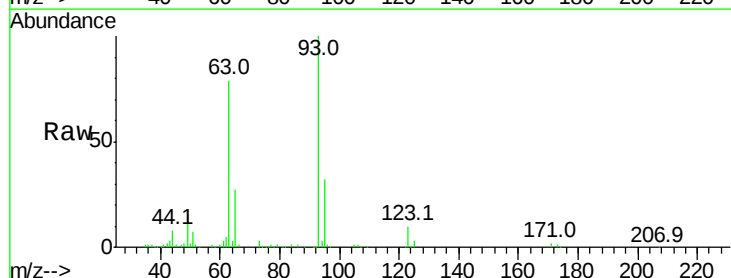
Manual Integrations
APPROVED

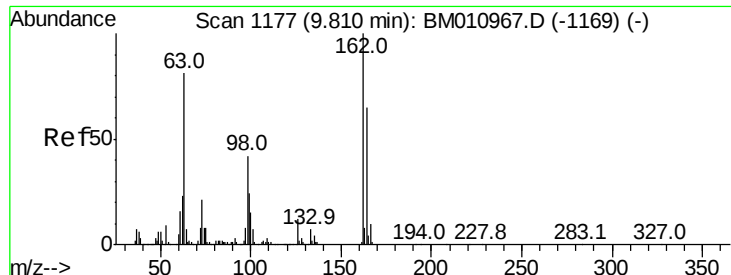
Sohil
8/17/2017 6:00:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.595 ng
RT: 9.49 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	379205		
95	32.3	25.5	38.3	
123	9.9	8.6	13.0	





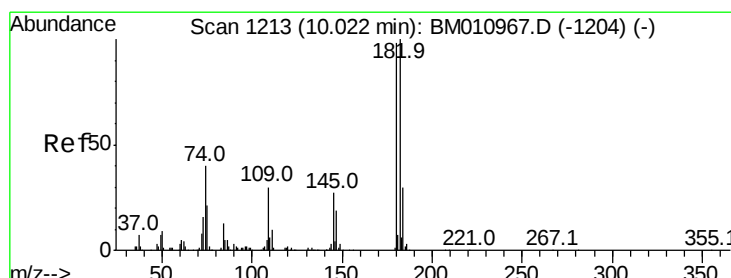
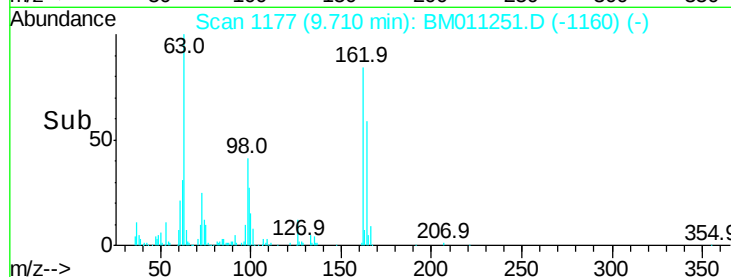
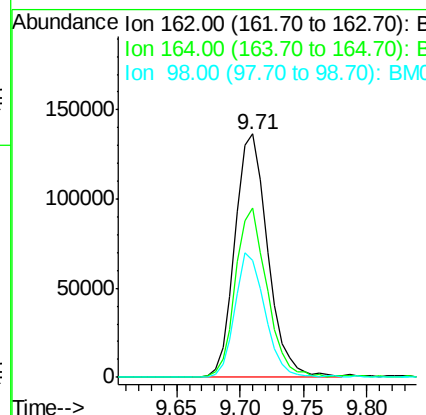
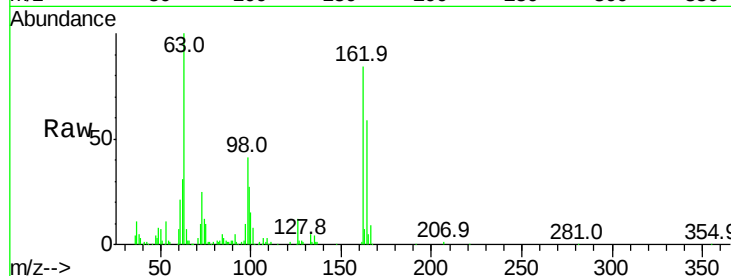
#29
2,4-Dichlorophenol
Concen: 42.910 ng
RT: 9.71 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	69.3	42.8	82.8
98	48.0	14.5	54.5

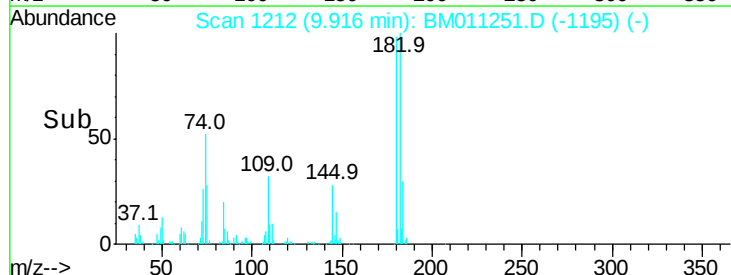
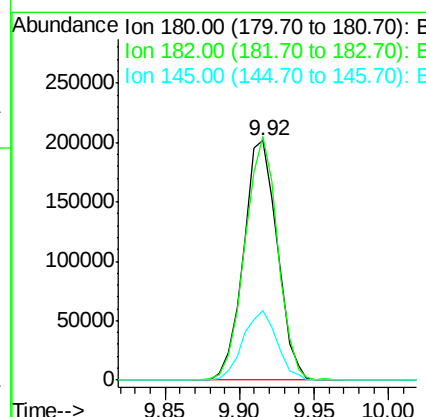
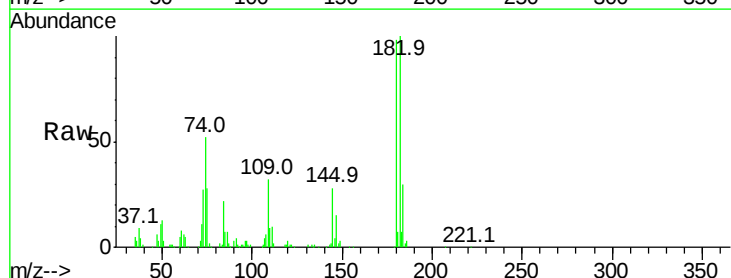
Manual Integrations
APPROVED

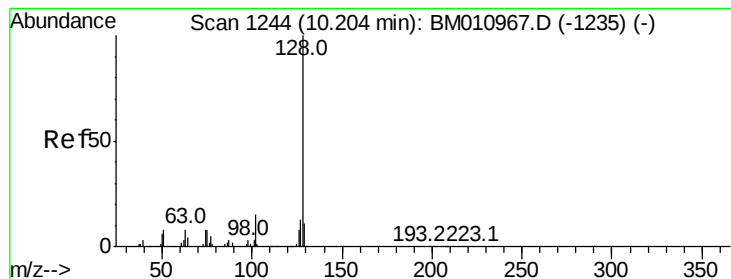
Sohil
8/17/2017 6:00:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.719 ng
RT: 9.92 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	101.7	77.6	116.4
145	28.8	23.4	35.2





#31

Naphthalene

Concen: 42.776 ng

RT: 10.09 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

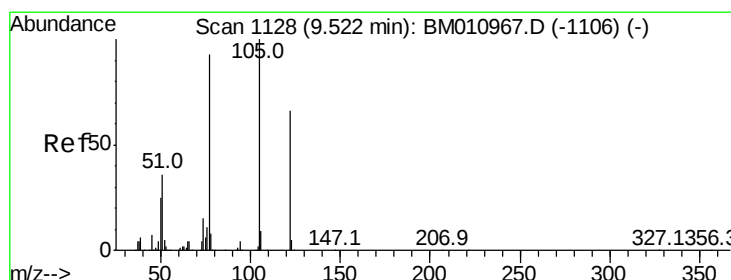
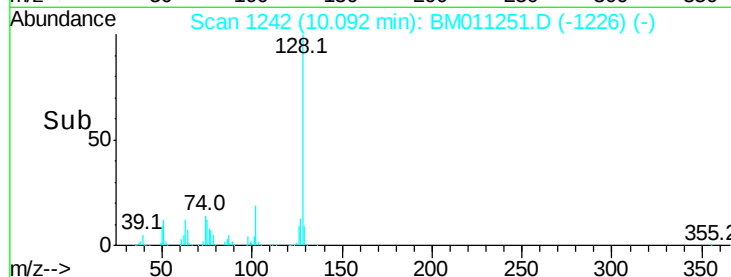
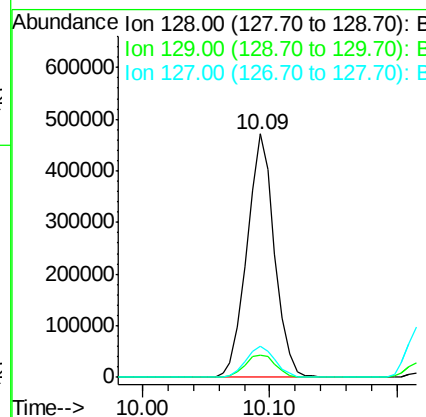
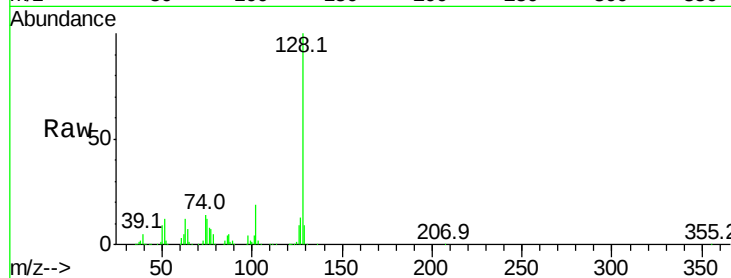
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	706813
Ion Ratio	Lower	Upper	
128	100		
129	9.3	8.9	13.3
127	12.8	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 37.690 ng

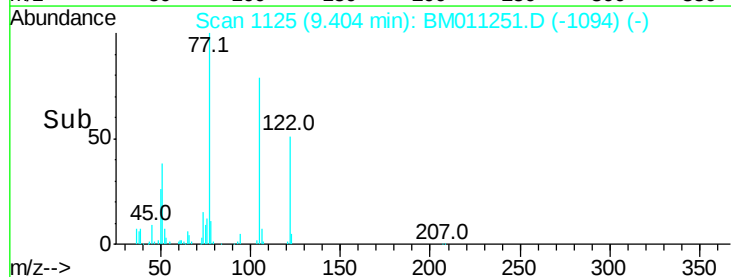
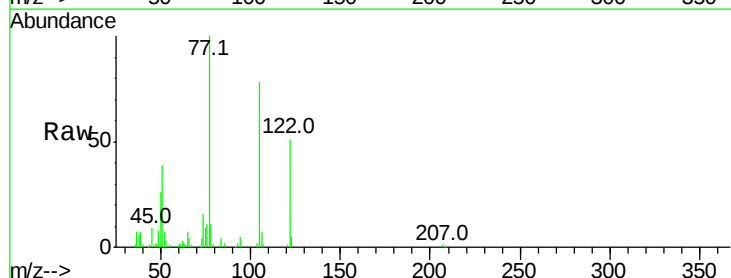
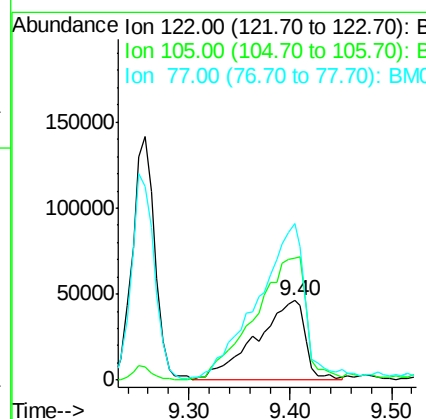
RT: 9.40 min Scan# 1125

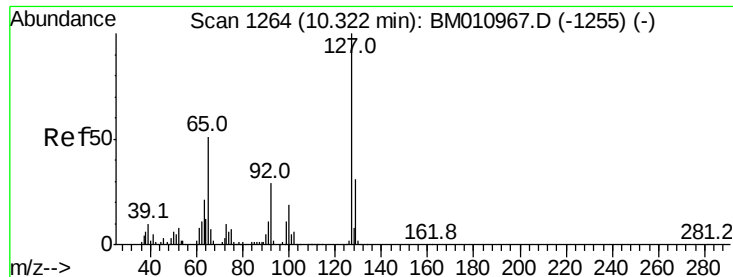
Delta R.T. -0.02 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion:	122	Resp:	153888
Ion Ratio	Lower	Upper	
122	100		
105	154.5	99.9	139.9#
77	197.0	73.7	113.7#





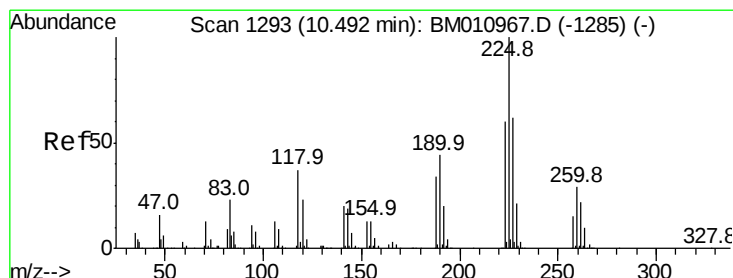
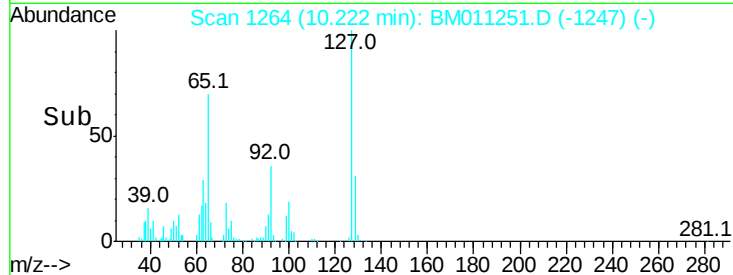
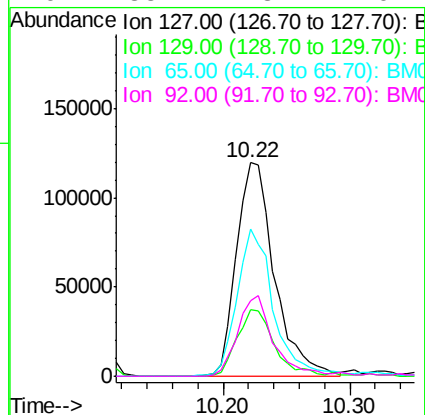
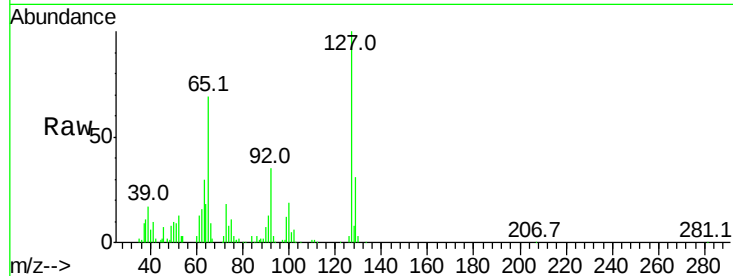
#33
4-Chloroaniline
Concen: 37.754 ng
RT: 10.22 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.2	25.3	37.9
65	68.8	17.6	26.4#
92	35.4	13.1	19.7#

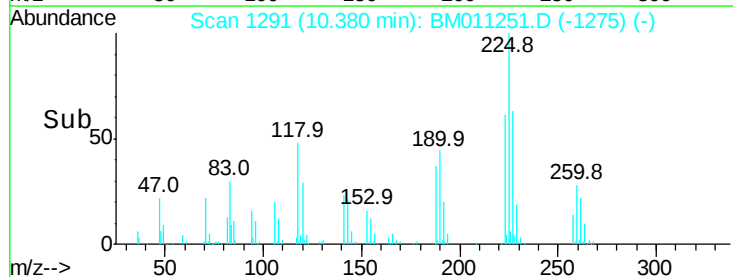
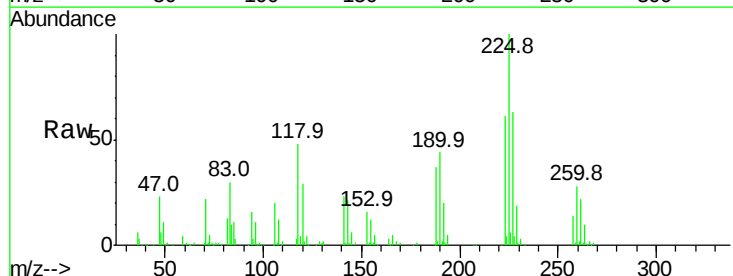
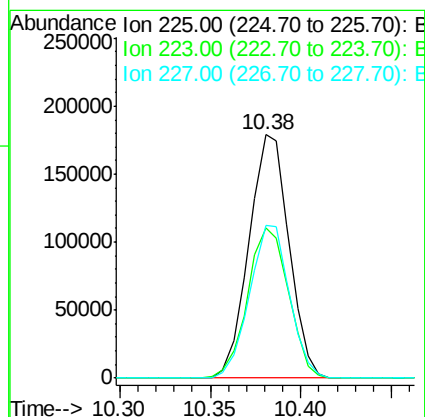
Manual Integrations
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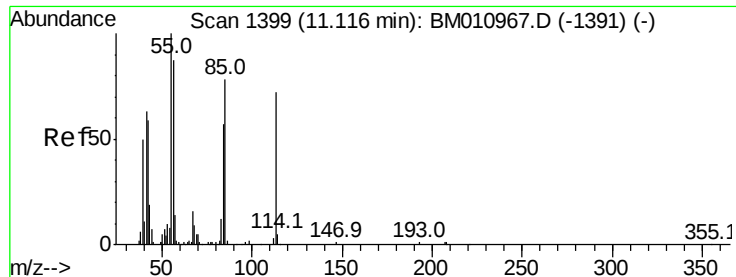
Sohil
8/17/2017 6:00:27 PM



#34
Hexachlorobutadiene
Concen: 49.377 ng
RT: 10.38 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.5	47.9	71.9
227	62.6	50.1	75.1





#35

Caprolactam

Concen: 41.858 ng/ml

RT: 11.01 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

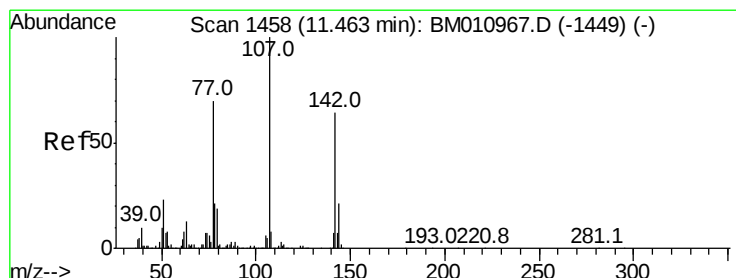
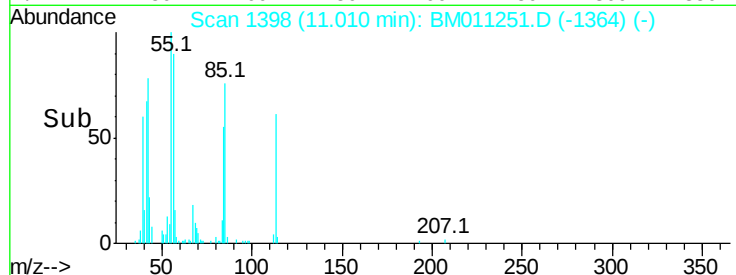
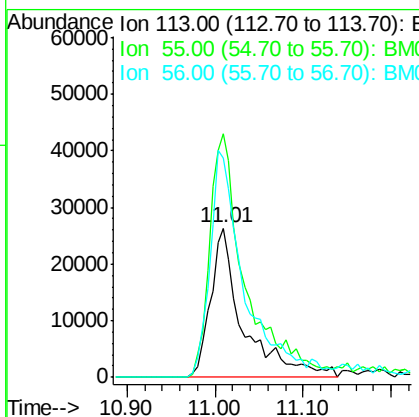
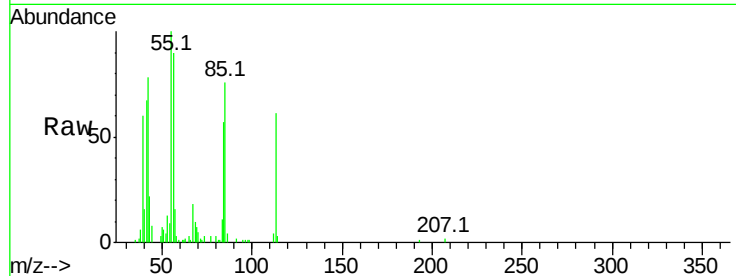
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.3	145.9	185.9
56	146.7	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.698 ng/ml

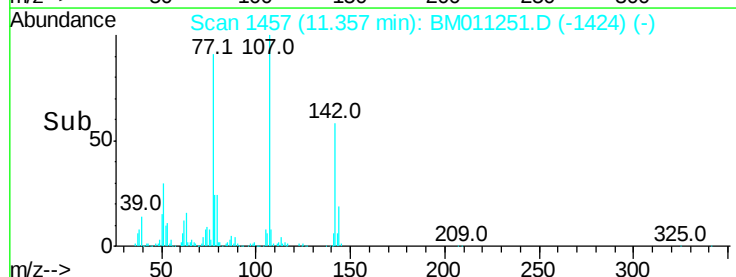
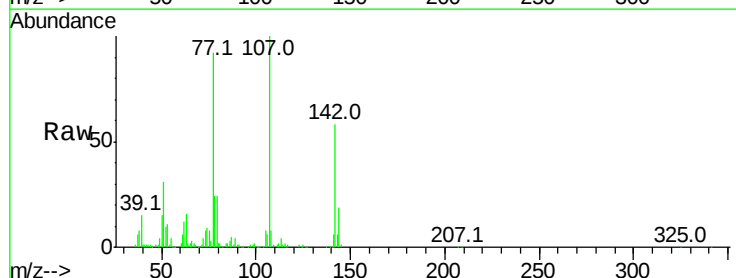
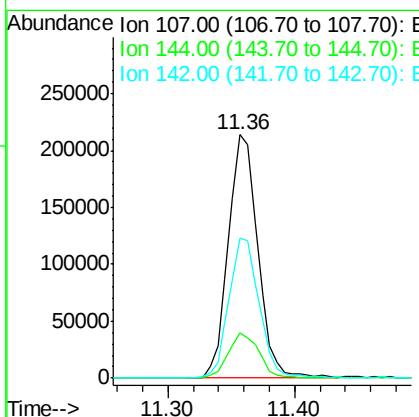
RT: 11.36 min Scan# 1457

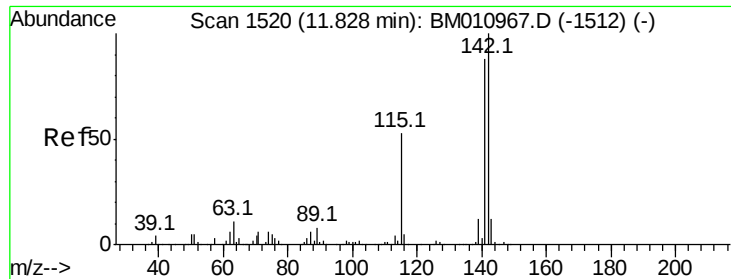
Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.7	23.3	34.9
142	57.7	72.6	109.0





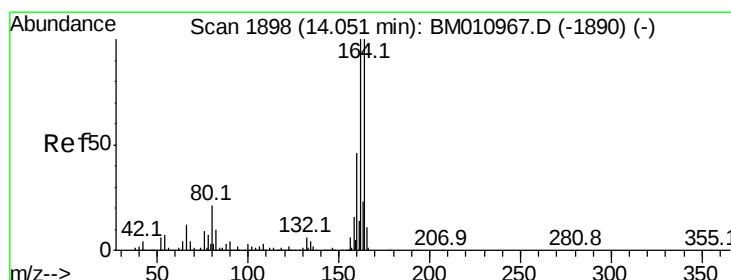
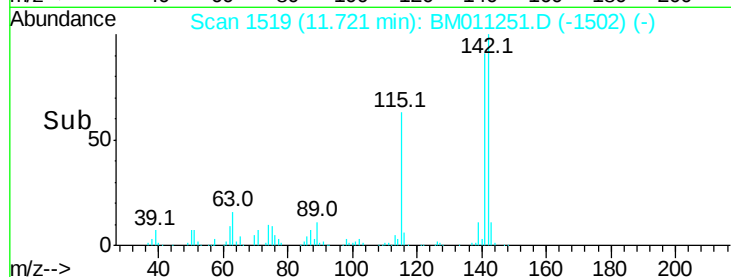
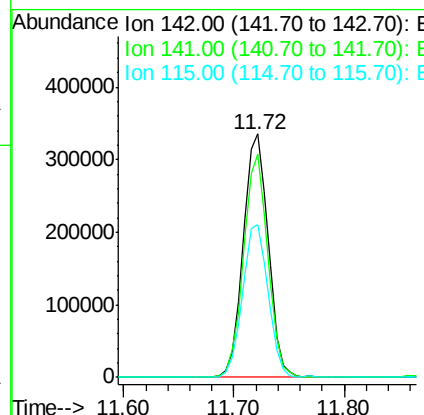
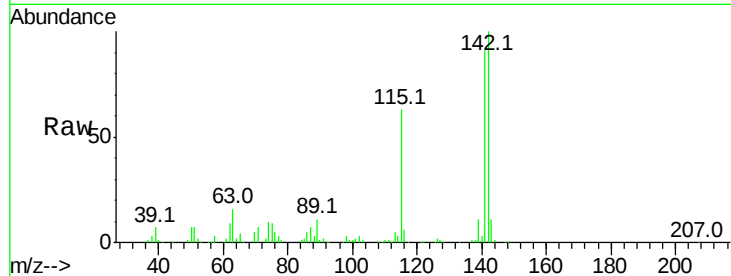
#37
2-Methylnaphthalene
Concen: 44.109 ng
RT: 11.72 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	62.6	25.4	38.0

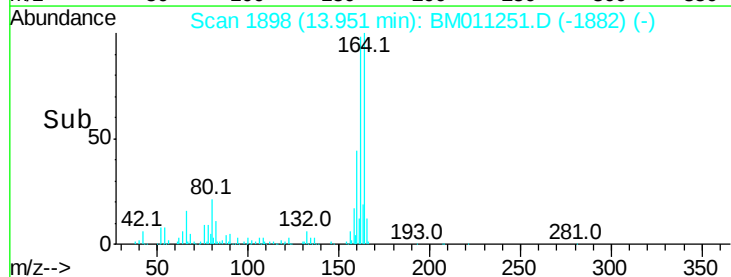
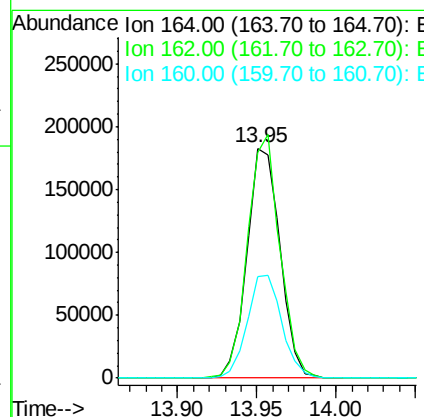
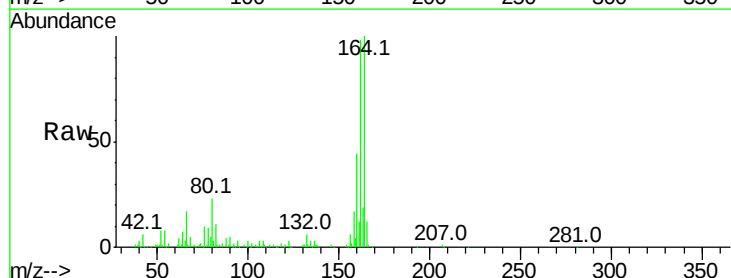
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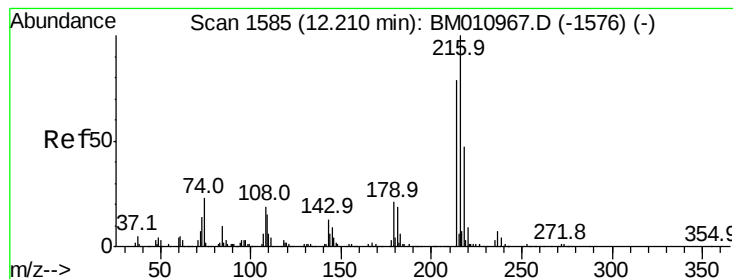
Sohil
8/17/2017 6:00:27 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	82.4	123.6
160	44.1	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.657 ng

RT: 12.10 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

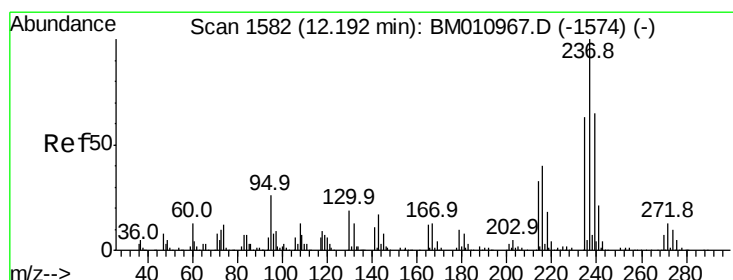
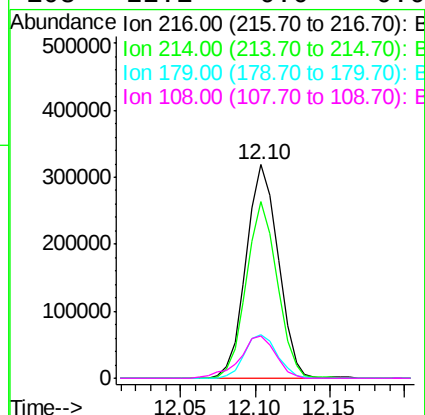
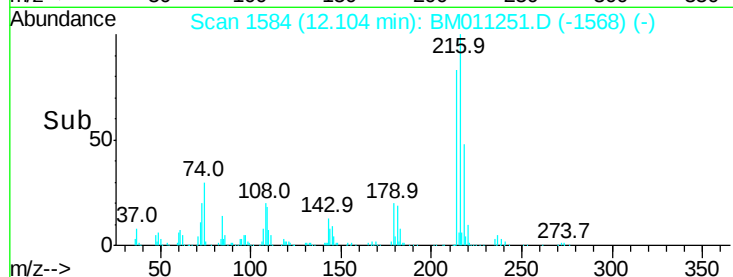
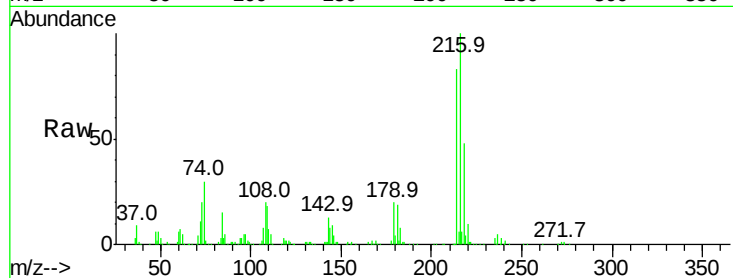
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	0.0	0.0#
179	20.7	0.0	0.0#
108	22.1	0.0	0.0#

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#40

Hexachlorocyclopentadiene

Concen: 37.239 ng

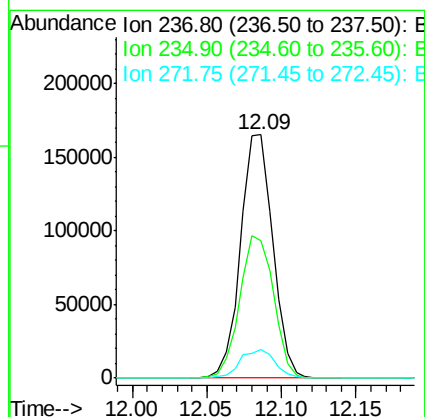
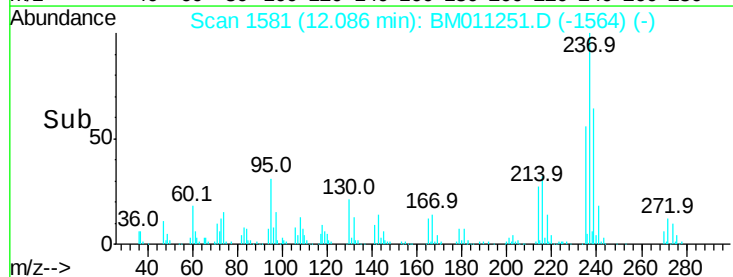
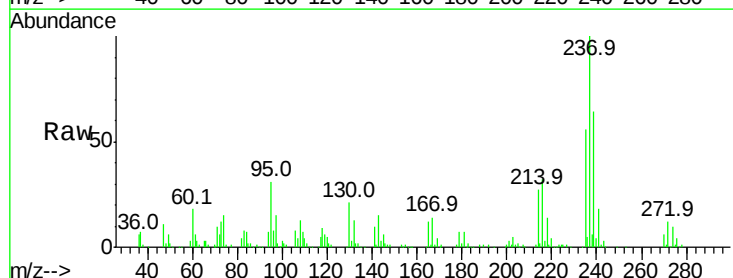
RT: 12.09 min Scan# 1581

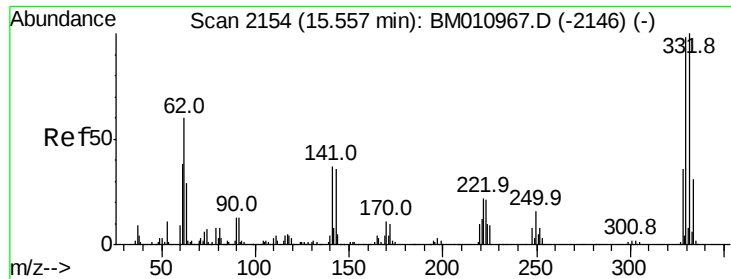
Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	56.4	42.0	82.0
272	11.8	0.0	33.4





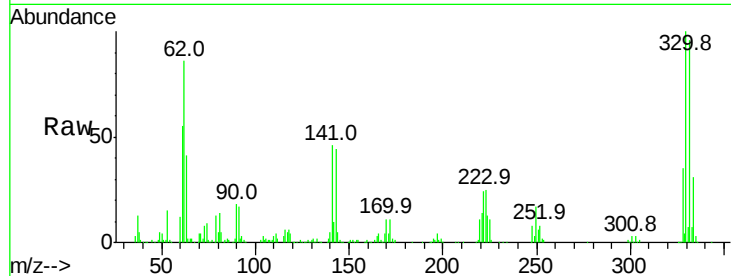
#41
 2,4,6-Tribromophenol
 Concen: 92.374 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	93.7	0.0	0.0#
141	45.9	0.0	0.0#

Manual Integrations
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 8/17/2017 6:00:27 PM

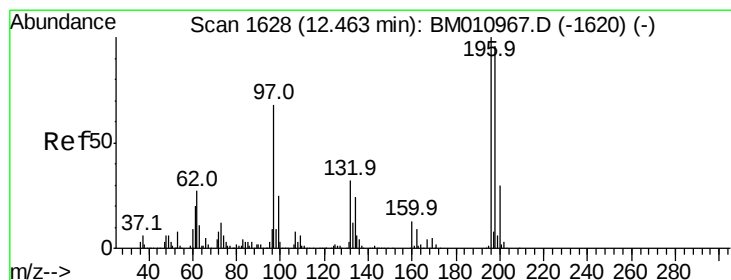
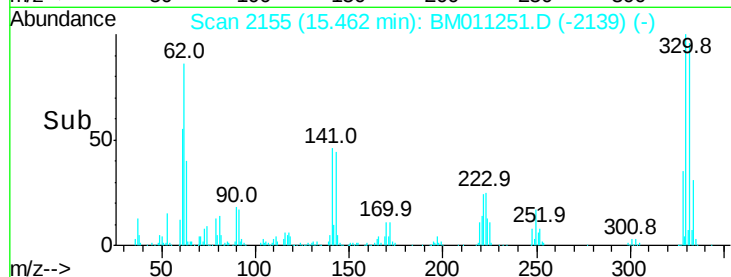
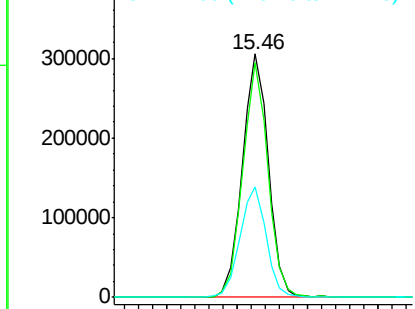


Abundance

Ion 329.80 (329.50 to 330.50): E

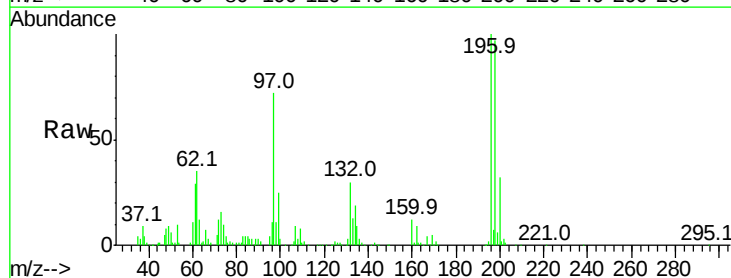
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.908 ng
 RT: 12.36 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	97.3	76.3	114.5
200	32.0	25.6	38.4

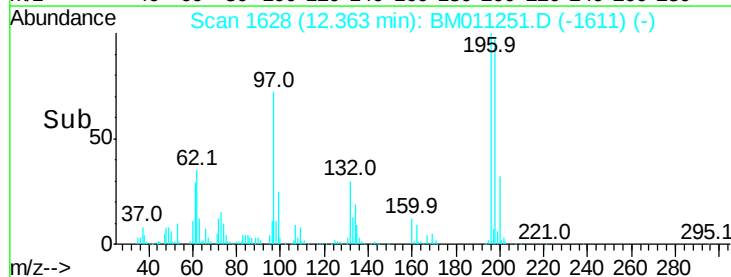
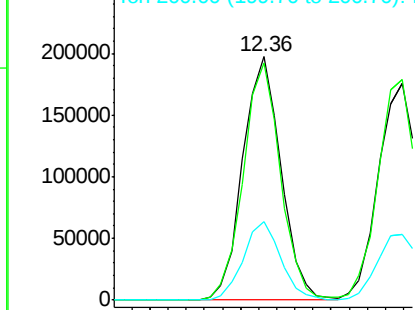


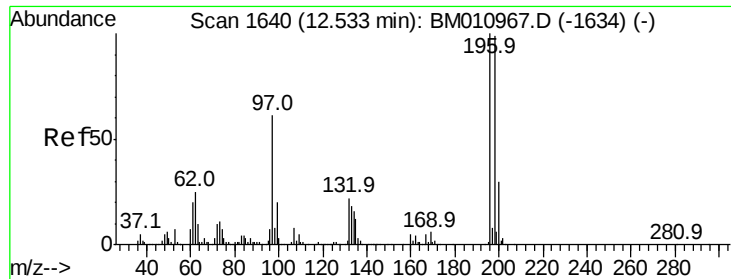
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





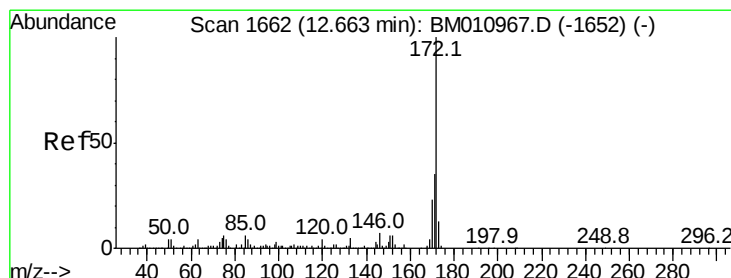
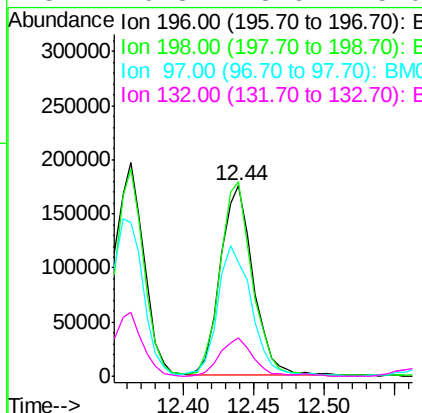
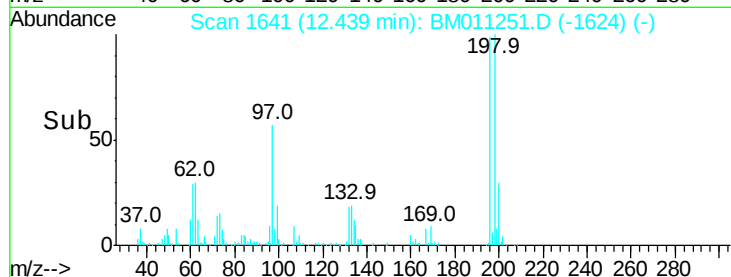
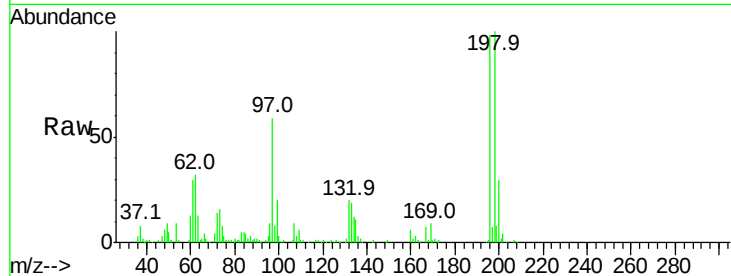
#43
 2,4,5-Trichlorophenol
 Concen: 39.853 ng
 RT: 12.44 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	283539		
198	101.8	79.4	119.0	
97	60.0	26.8	40.2	
132	20.3	18.6	28.0	

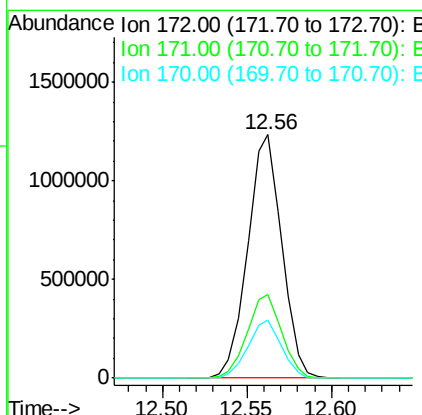
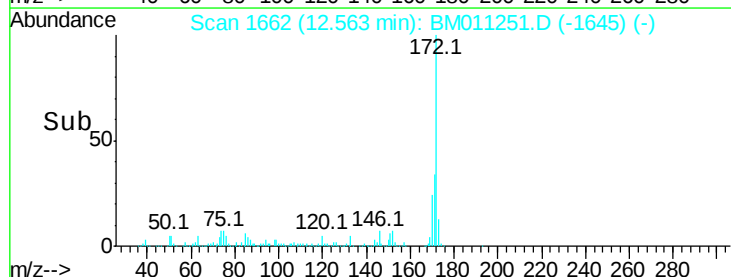
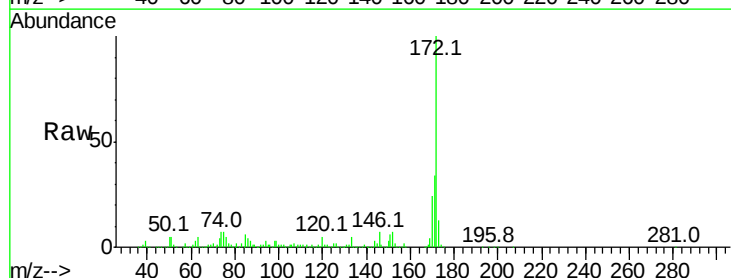
Manual Integrations
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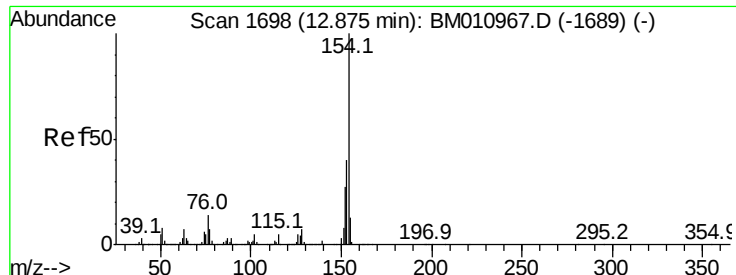
Sohil
 8/17/2017 6:00:27 PM



#44
 2-Fluorobiphenyl
 Concen: 81.799 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1732586		
171	34.5	28.5	42.7	
170	23.8	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 40.361 ng

RT: 12.77 min Scan# 1698

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

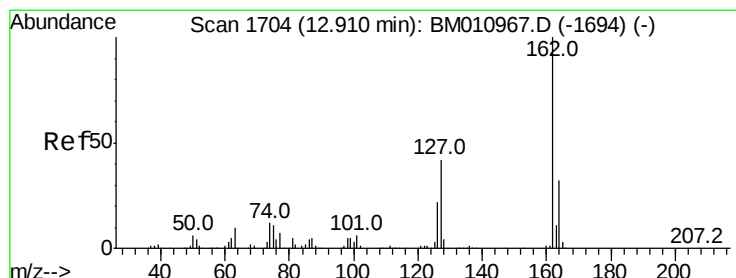
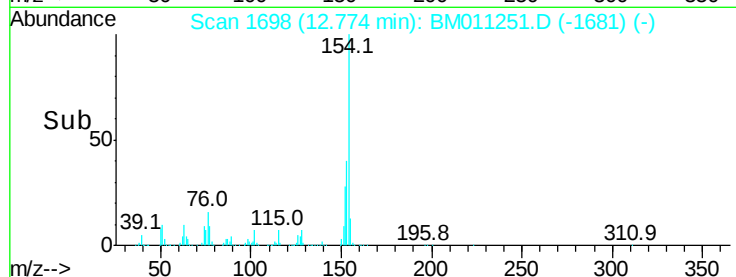
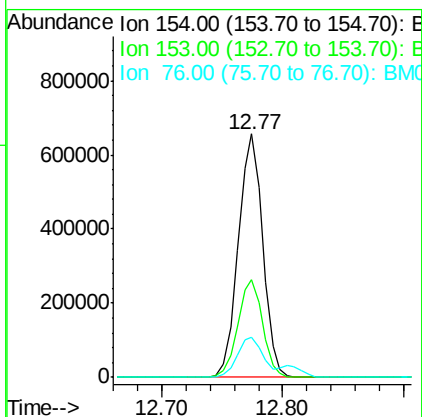
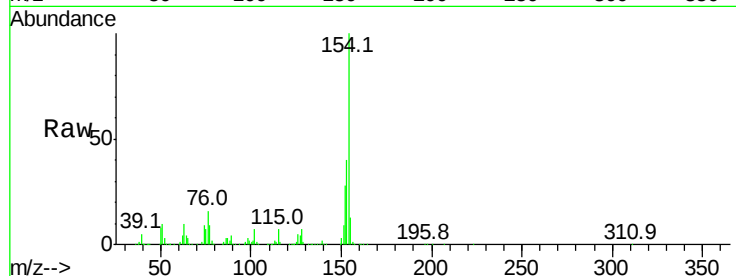
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	16.5	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 40.213 ng

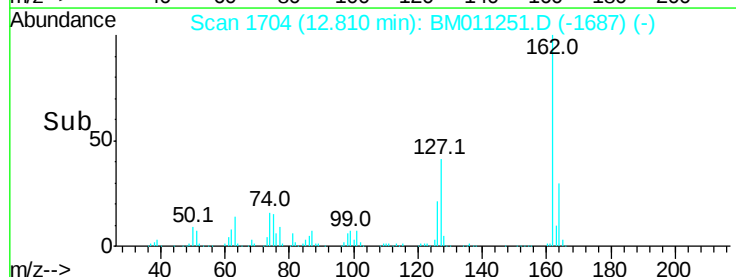
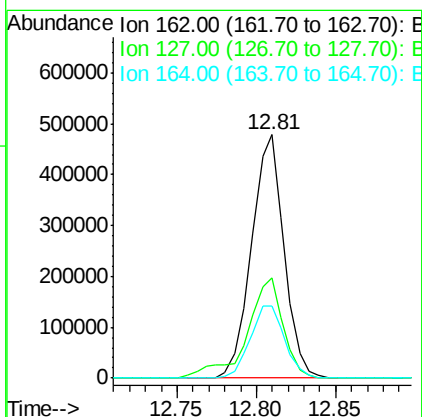
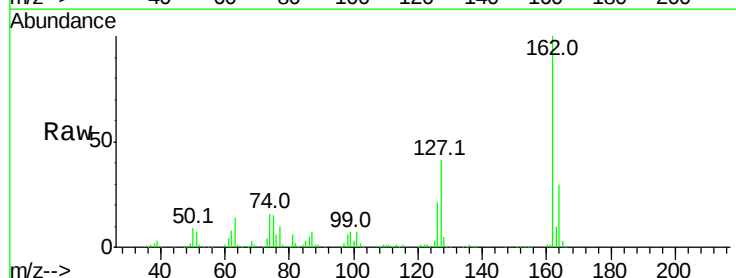
RT: 12.81 min Scan# 1704

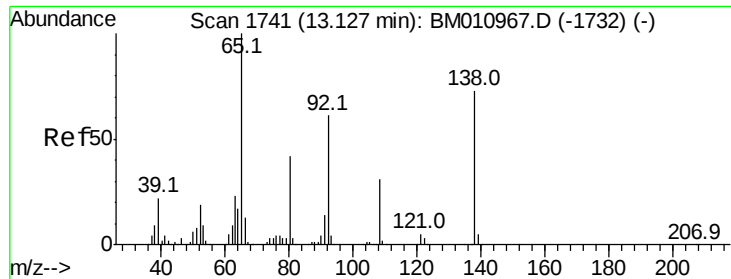
Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	26.9	40.3#
164	29.7	26.8	40.2





#47

2-Nitroaniline

Concen: 53.578 ng

RT: 13.03 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

ClientSampleId :

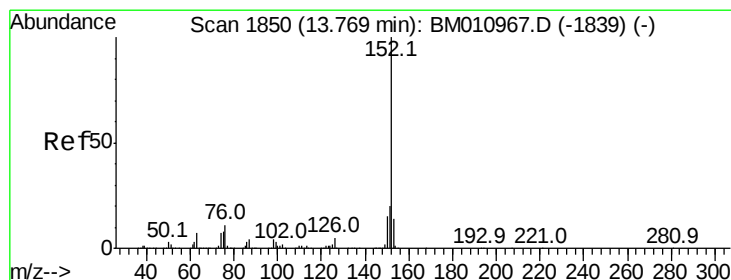
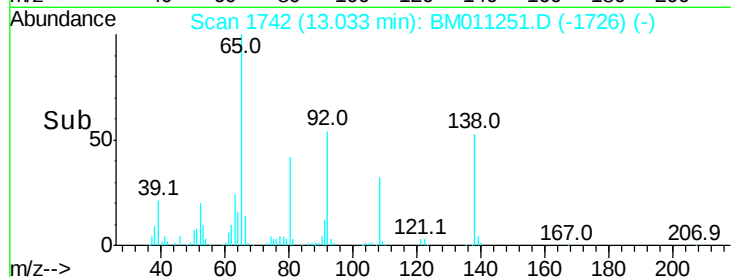
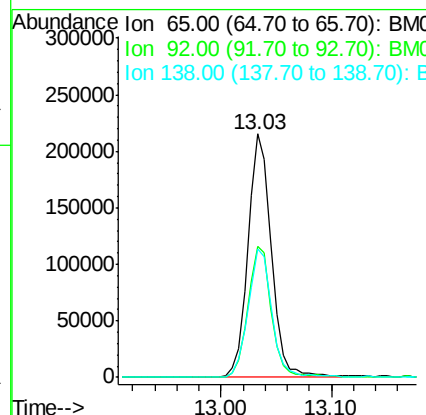
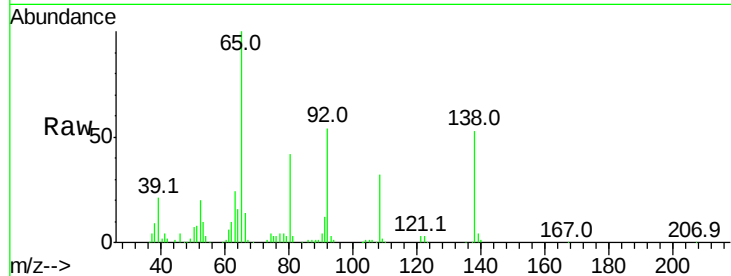
SSTDCCC040

Tot Ion: 65 Resp: 320775
Ion Ratio Lower Upper

65	100		
92	53.7	59.1	88.7#
138	52.7	93.9	140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 41.768 ng

RT: 13.67 min Scan# 1850

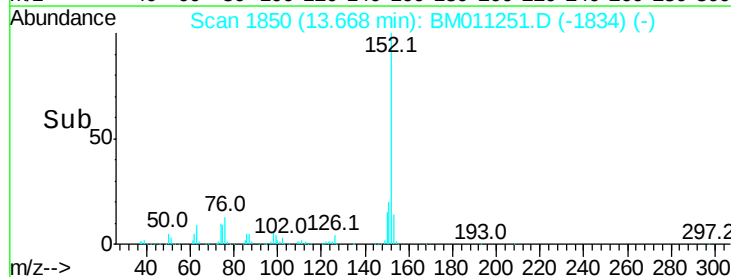
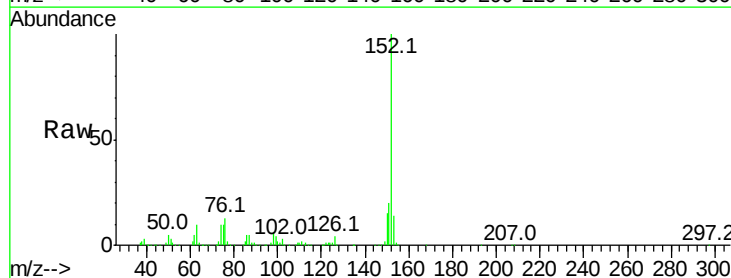
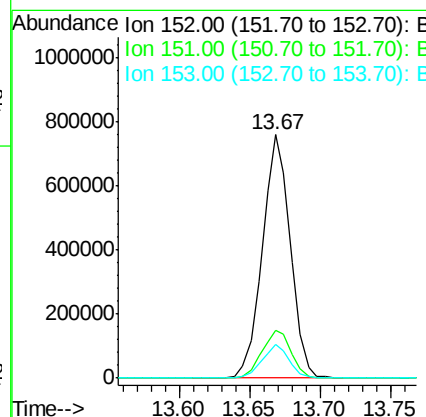
Delta R.T. -0.01 min

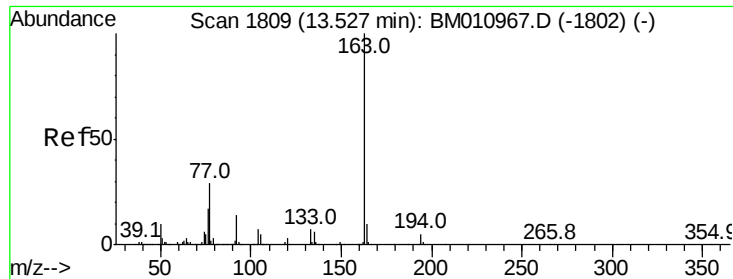
Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion: 152 Resp: 1054906
Ion Ratio Lower Upper

152	100		
151	19.9	15.9	23.9
153	13.9	10.6	16.0





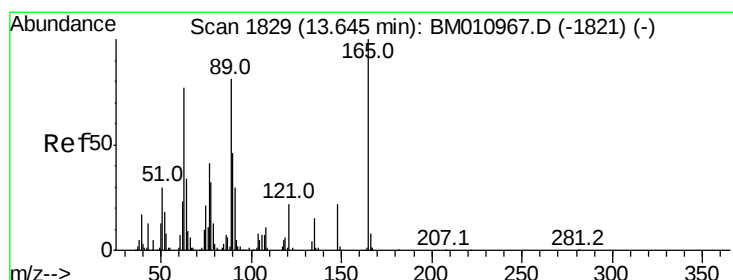
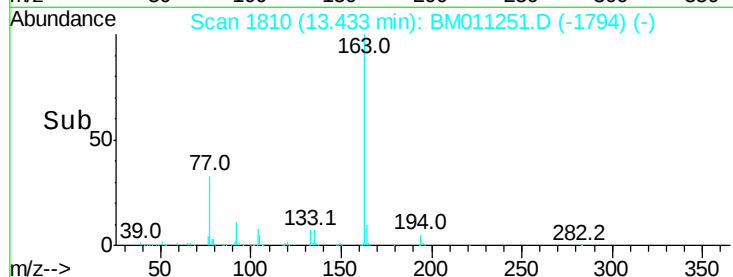
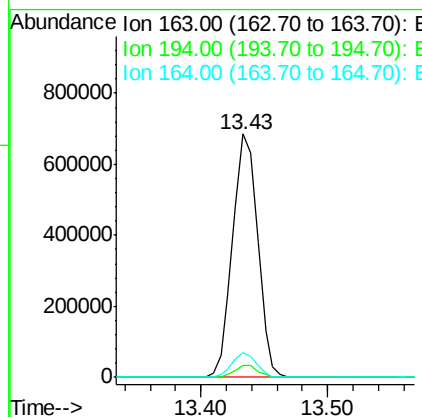
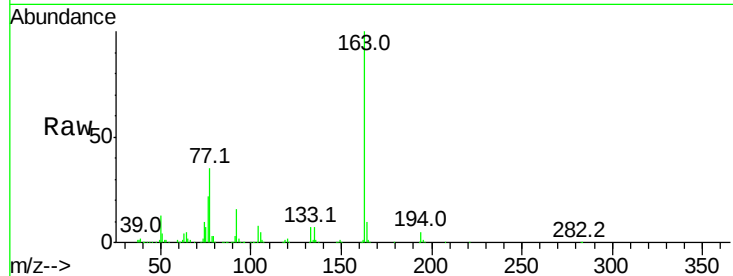
#49
Dimethylphthalate
Concen: 41.314 ng
RT: 13.43 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.7	2.7	4.1#	
164	10.2	8.2	12.2	

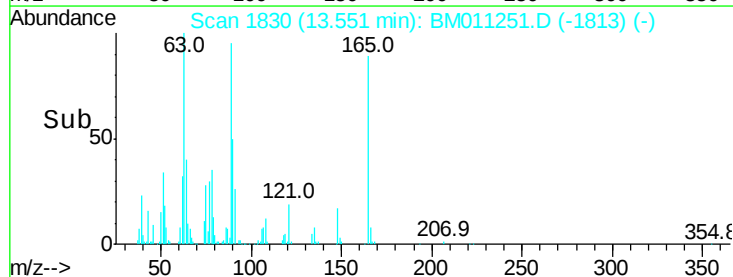
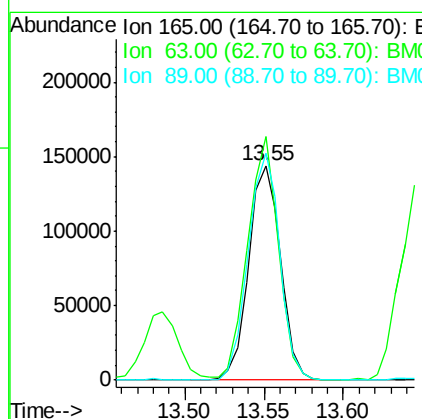
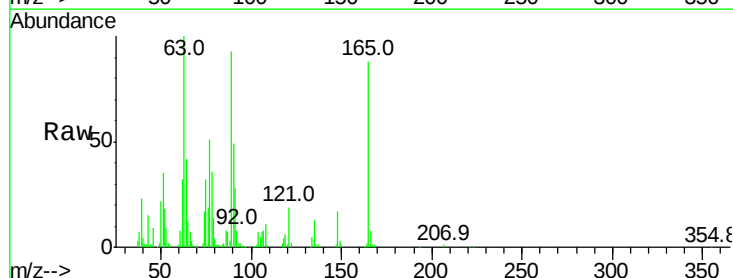
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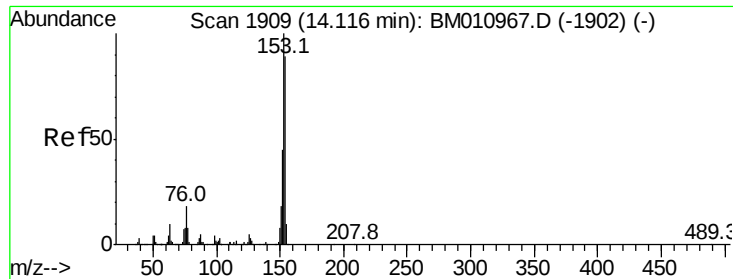
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.699 ng
RT: 13.55 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	113.5	44.1	66.1#	
89	105.8	44.3	66.5#	





#51

Acenaphthene

Concen: 42.923 ng

RT: 14.02 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

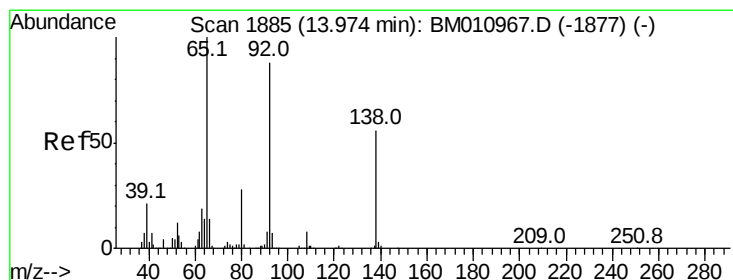
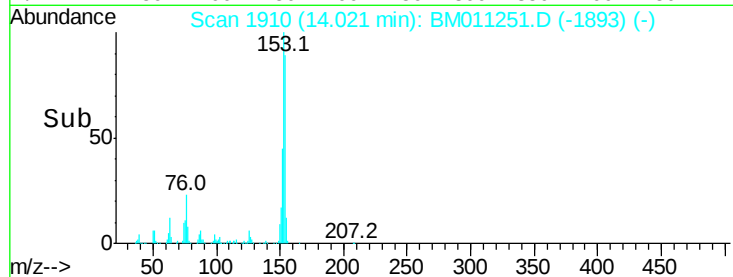
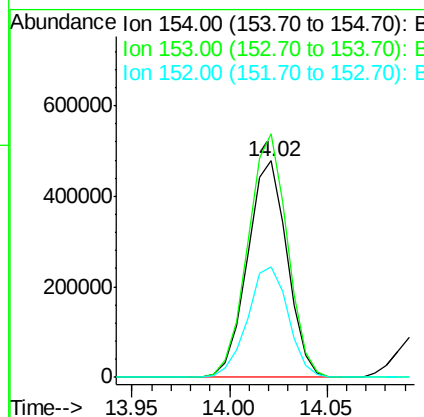
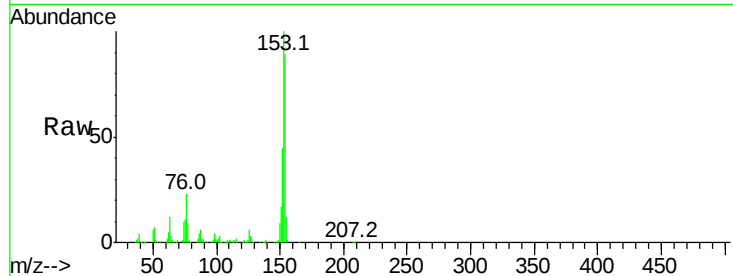
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	671249
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.0	135.0
152	51.2	42.6	63.8

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#52

3-Nitroaniline

Concen: 37.644 ng

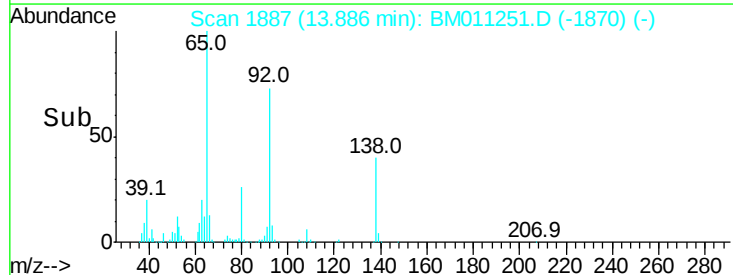
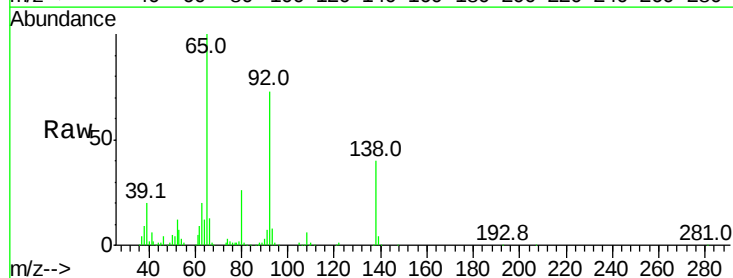
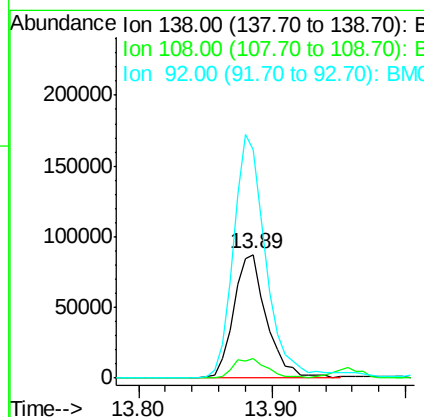
RT: 13.89 min Scan# 1887

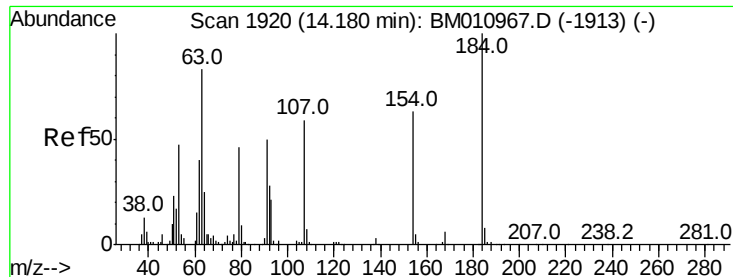
Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion:	138	Resp:	150110
Ion Ratio	Lower	Upper	
138	100		
108	16.3	7.3	10.9#
92	184.7	76.6	114.8#





#53

2,4-Dinitrophenol

Concen: 43.314 ng

RT: 14.09 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 141457
Ion Ratio Lower Upper

184 100

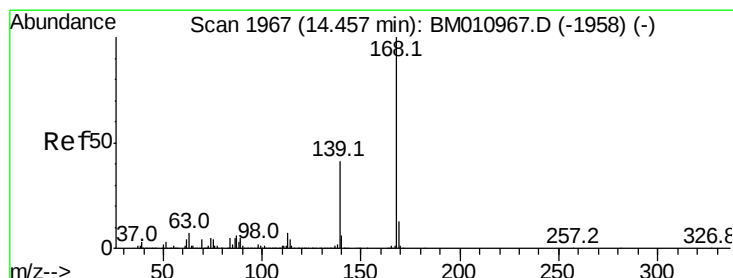
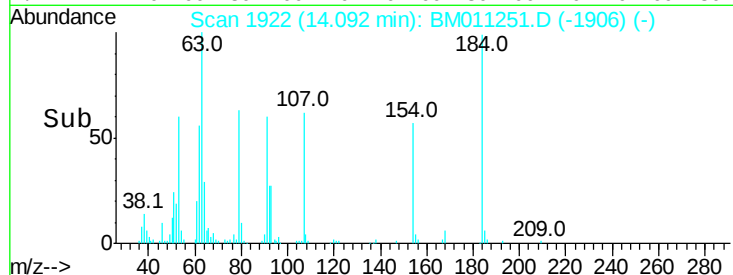
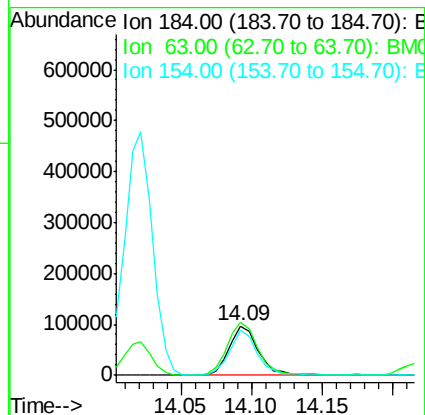
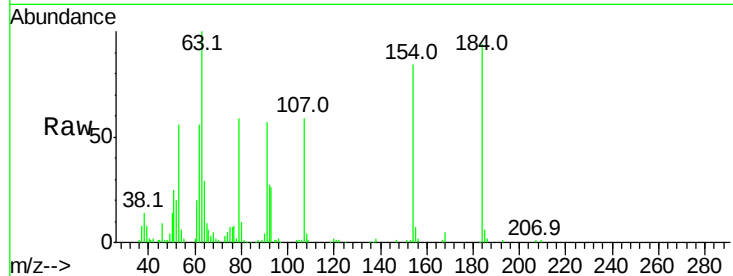
63 106.9 69.2 103.8#

154 90.2 53.3 79.9#

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#54

Dibenzofuran

Concen: 44.492 ng

RT: 14.36 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BM011251.D

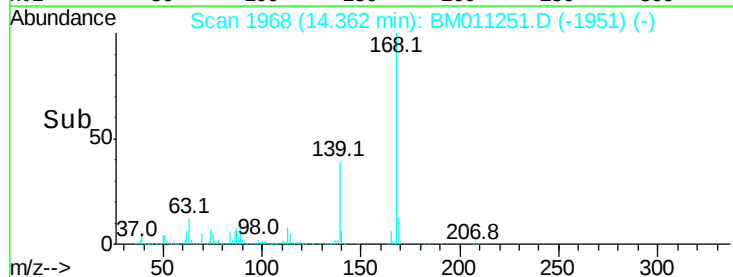
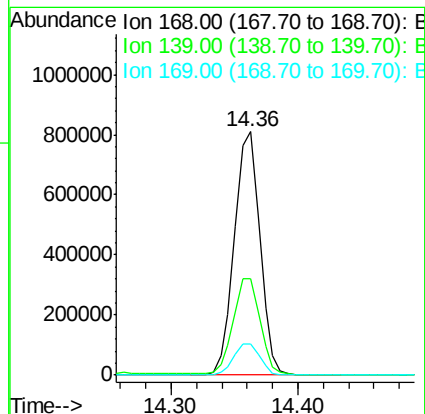
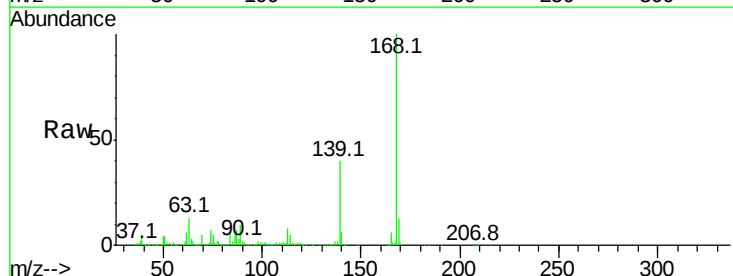
Acq: 16 Aug 2017 11:08

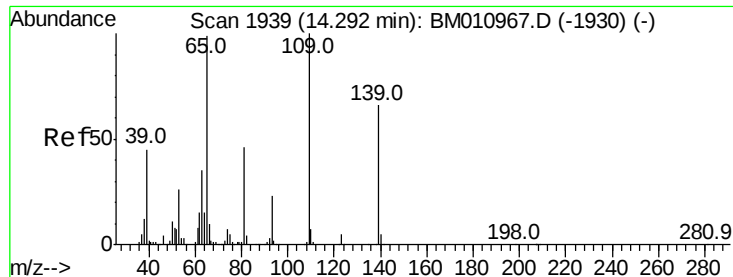
Tgt Ion:168 Resp: 1127373
Ion Ratio Lower Upper

168 100

139 39.6 27.3 40.9

169 12.7 10.6 16.0





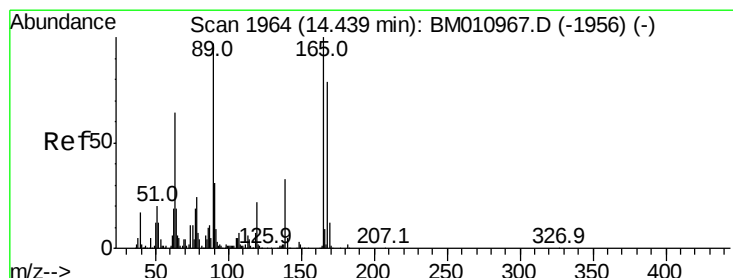
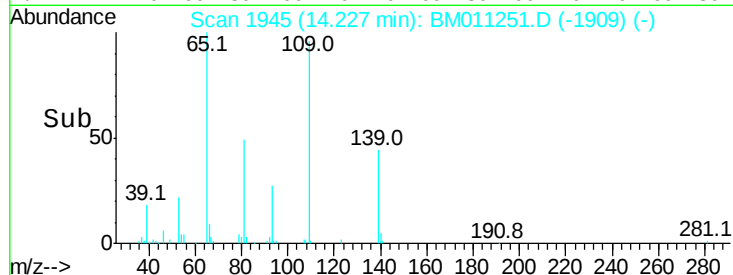
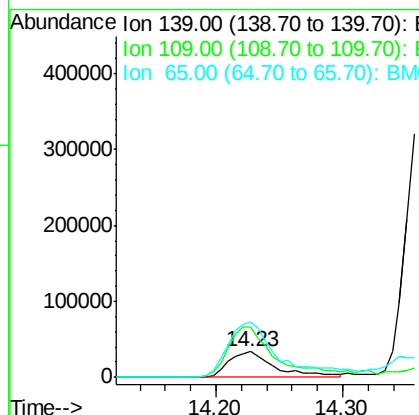
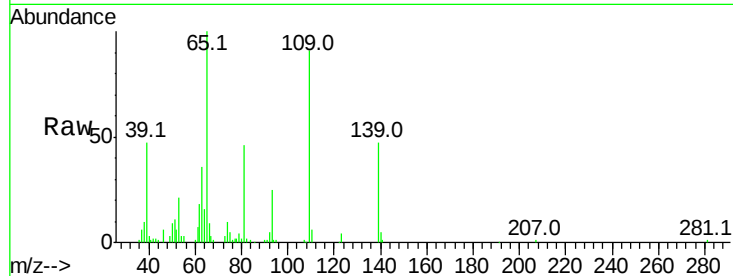
#55
4-Nitrophenol
Concen: 25.199 ng
RT: 14.23 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	192.9	130.0	170.0#
65	213.1	130.0	170.0#

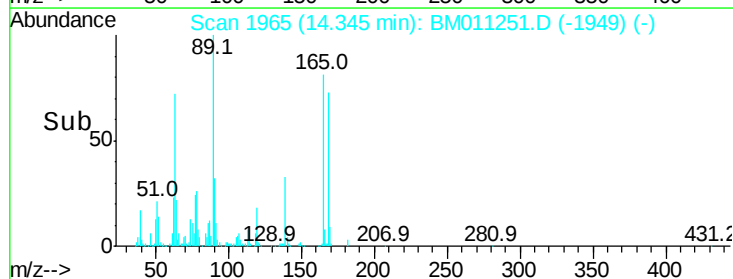
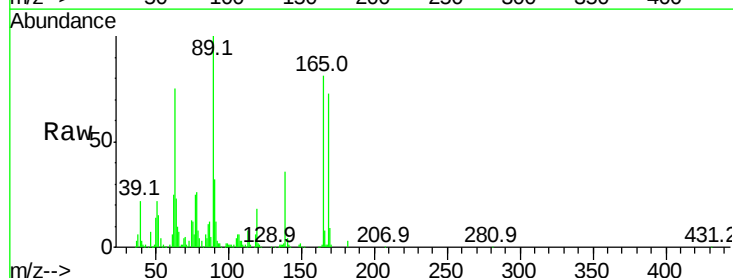
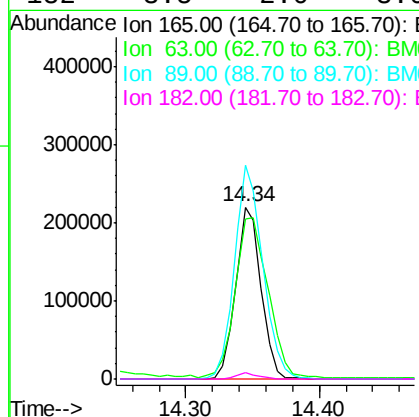
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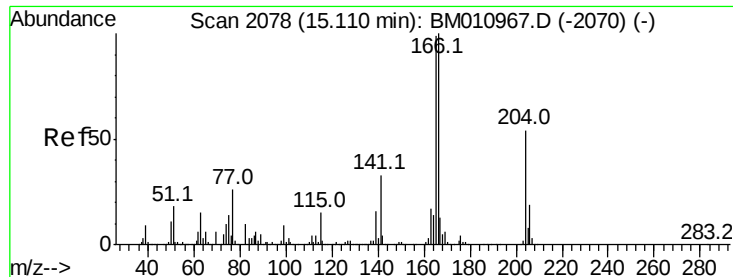
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.060 ng
RT: 14.34 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	93.0	52.4	78.6#
89	124.1	72.4	108.6#
182	3.5	2.0	3.0#





#57

Fluorene

Concen: 45.112 ng

RT: 15.02 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

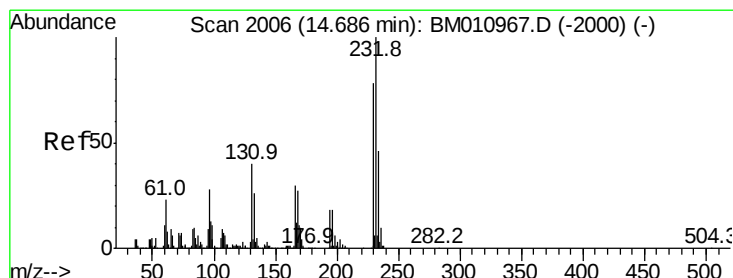
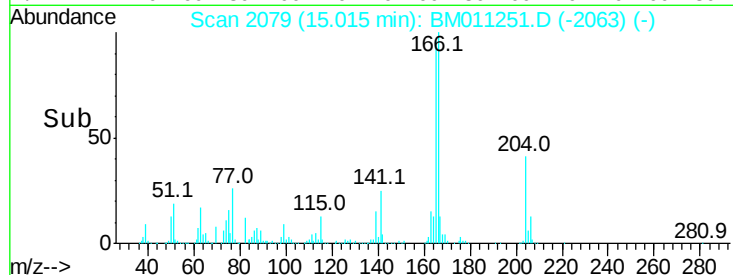
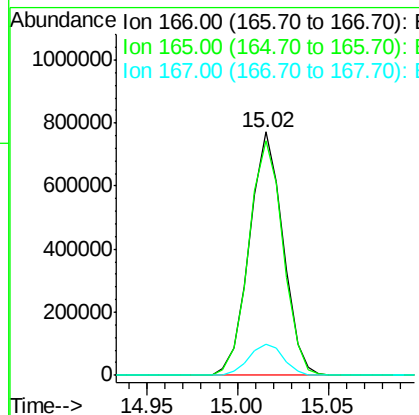
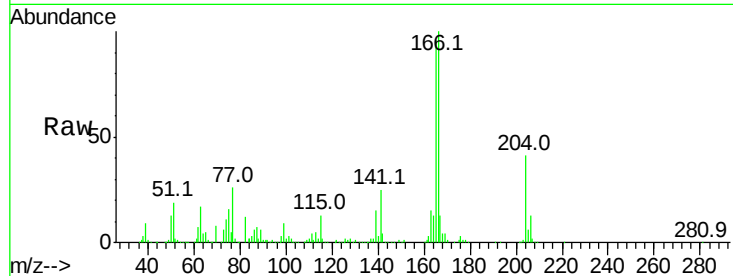
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.2	79.0	118.4	
167	12.6	10.3	15.5	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.059 ng

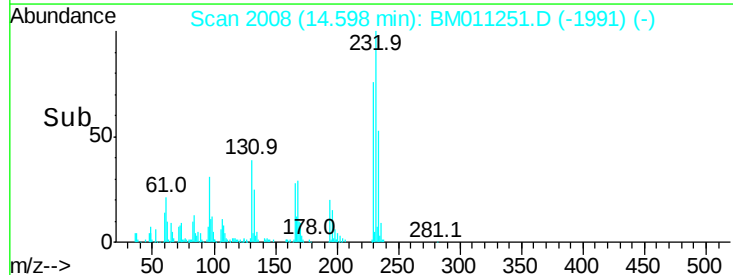
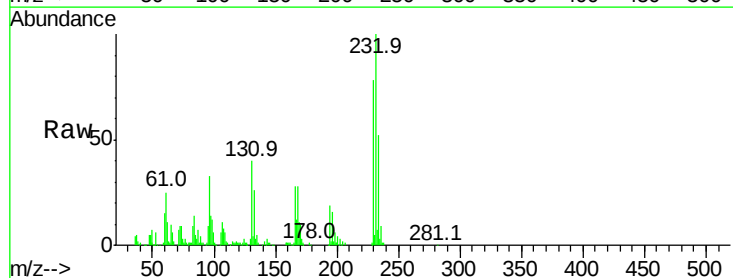
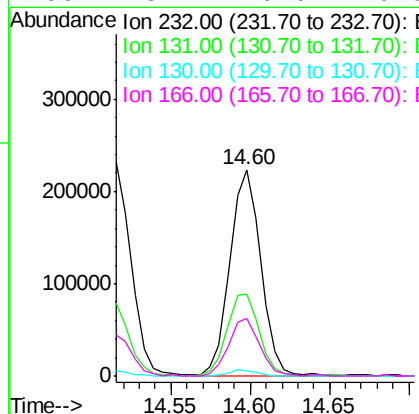
RT: 14.60 min Scan# 2008

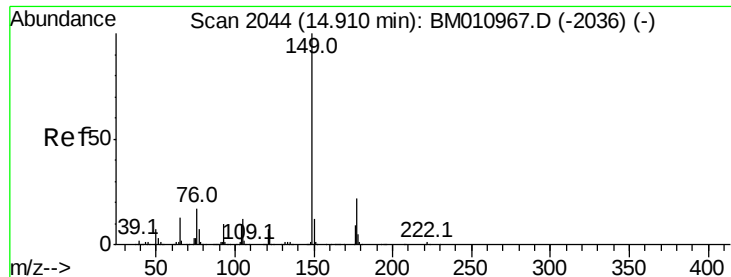
Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	41.2	0.0	0.0#	
130	2.7	0.0	0.0#	
166	28.1	0.0	0.0#	





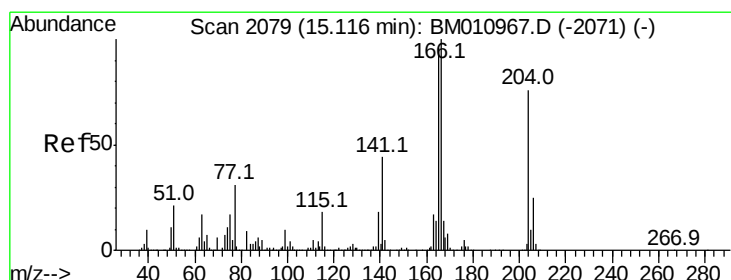
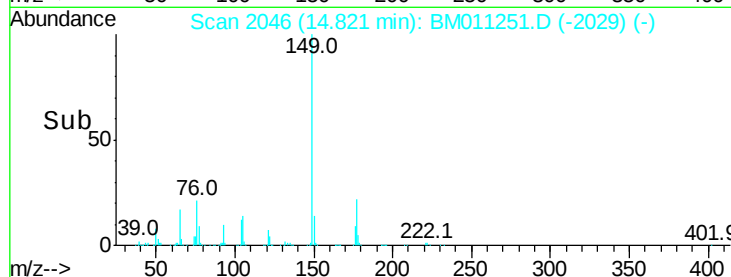
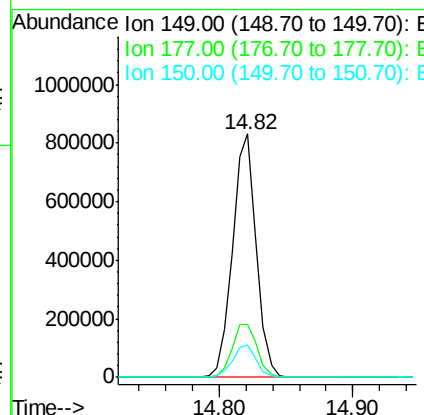
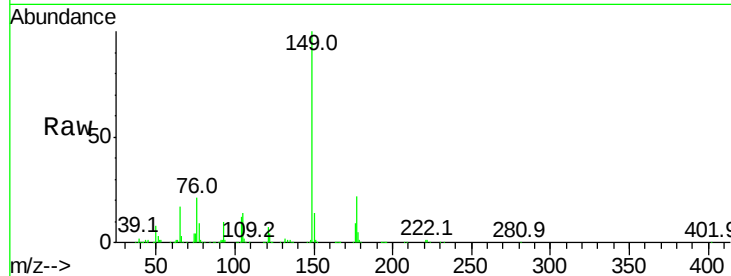
#59
Diethylphthalate
Concen: 44.424 ng
RT: 14.82 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	13.6	9.8	14.8

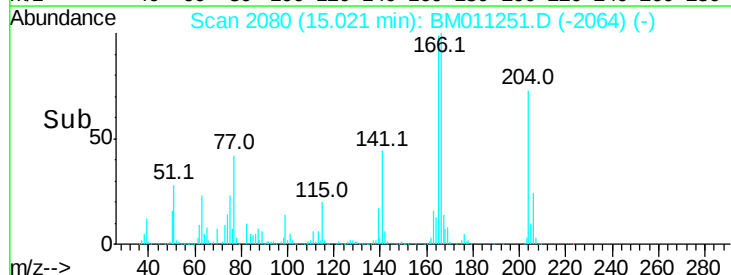
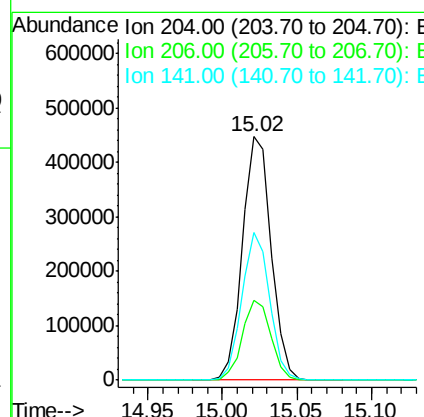
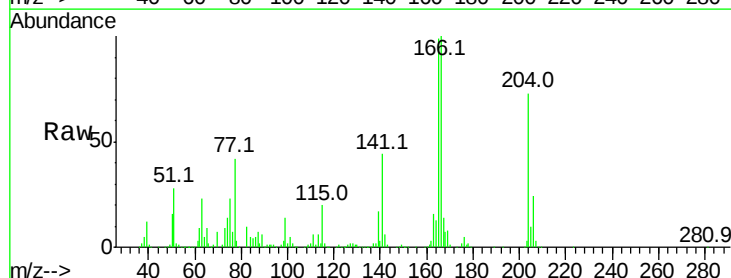
Manual Integrations
APPROVED

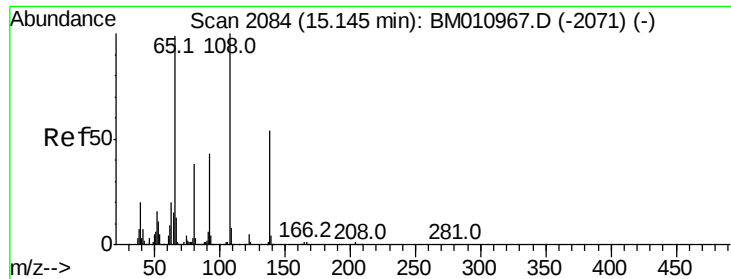
Sohil
8/17/2017 6:00:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.794 ng
RT: 15.02 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	60.6	45.2	67.8





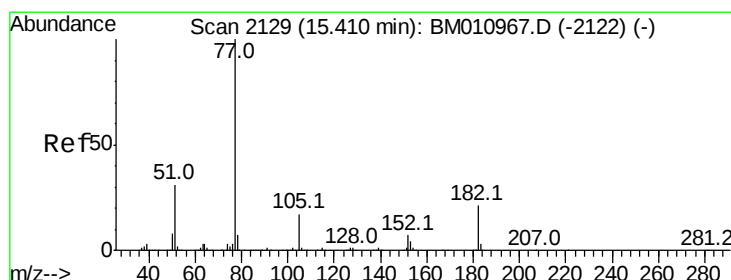
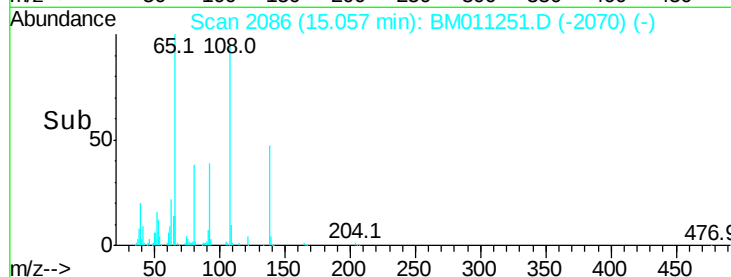
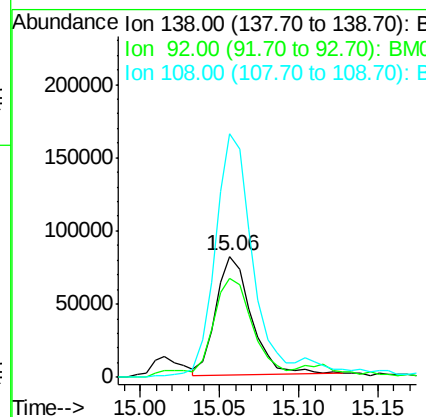
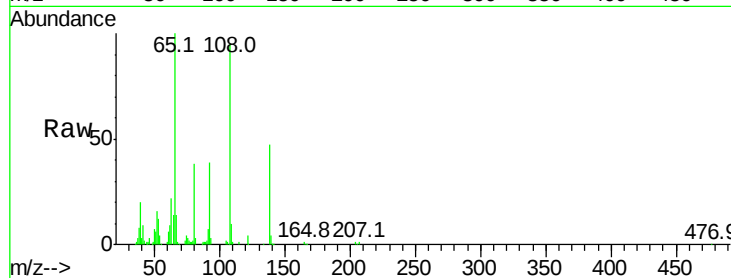
#61
4-Nitroaniline
Concen: 29.873 ng
RT: 15.06 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	82.0	16.7	56.7#
108	201.3	37.6	77.6#

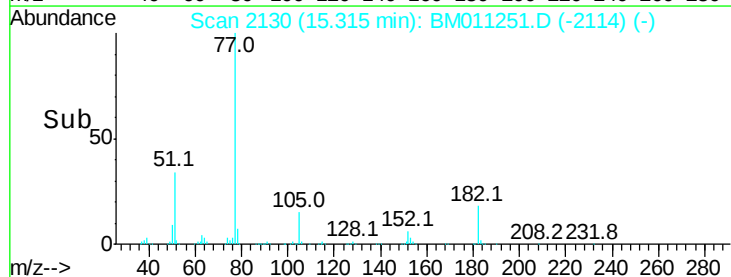
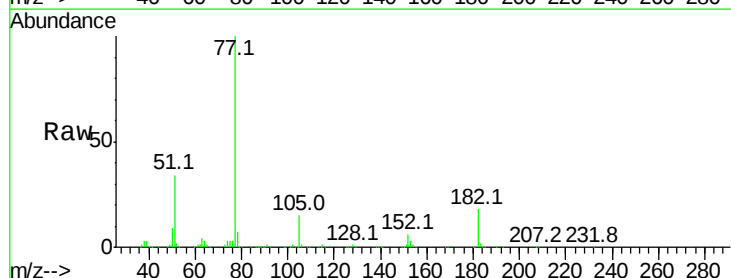
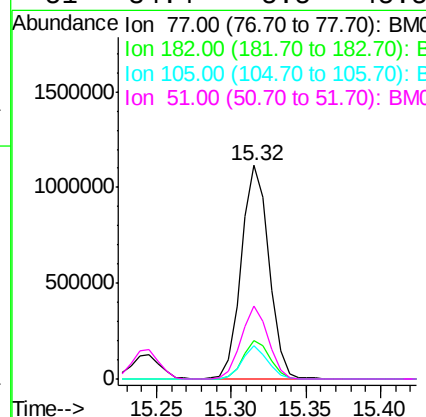
Manual Integrations
APPROVED

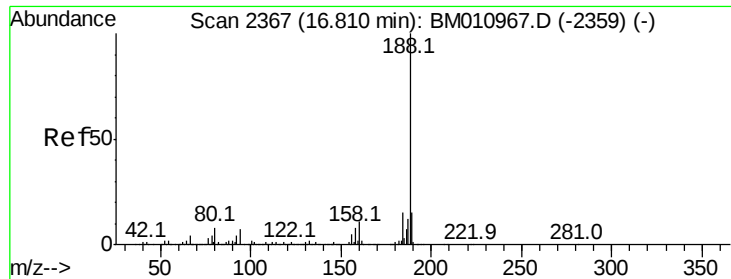
Sohil
8/17/2017 6:00:27 PM



#62
Azobenzene
Concen: 57.583 ng
RT: 15.32 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.9	6.5	46.5
105	15.3	3.8	43.8
51	34.4	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.72 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

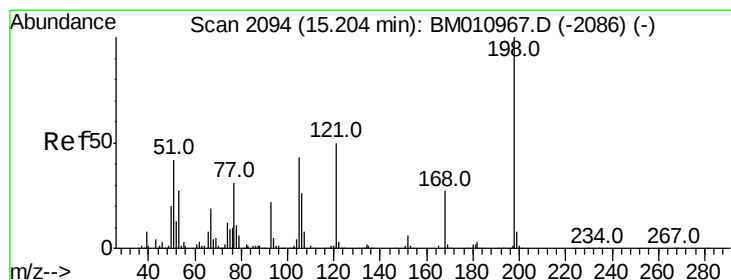
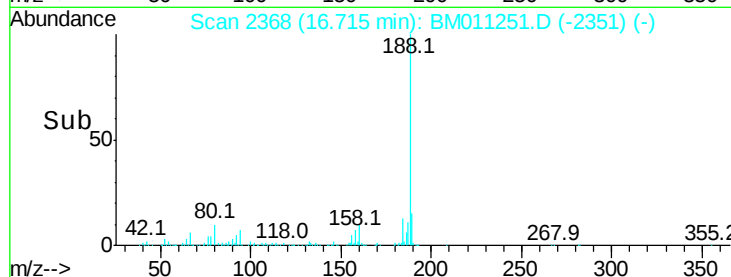
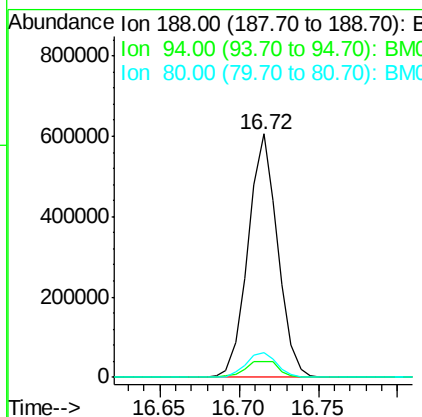
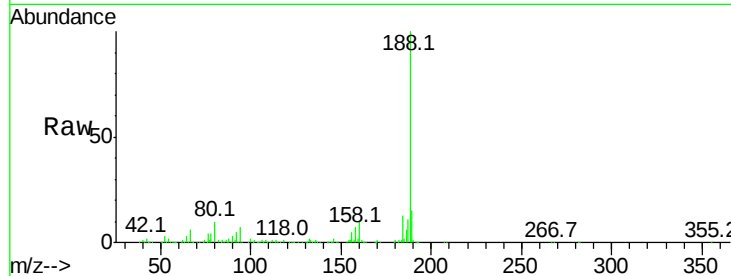
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	782761
Ion Ratio	Lower	Upper	
188	100		
94	6.7	8.7	13.1#
80	10.1	9.3	13.9

Manual Integrations
APPROVED

Sohil
8/17/2017 6:00:27 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 43.106 ng

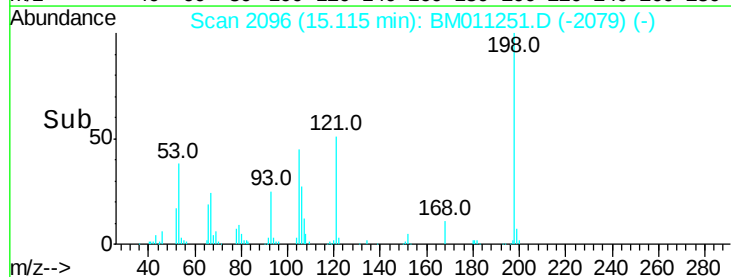
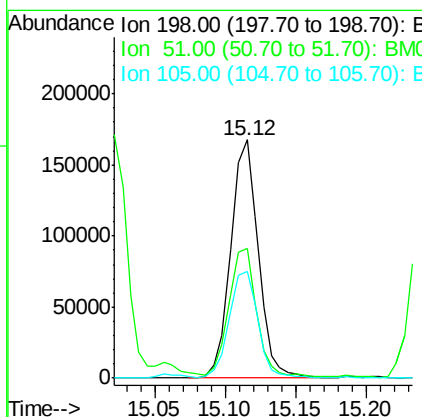
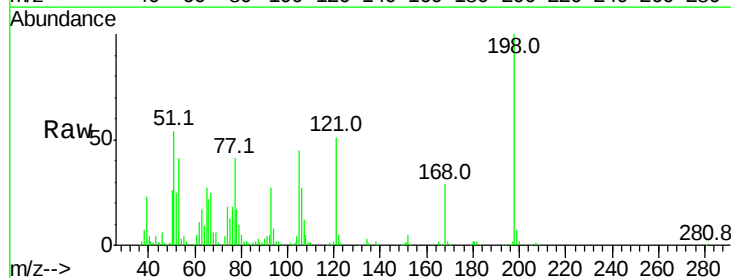
RT: 15.12 min Scan# 2096

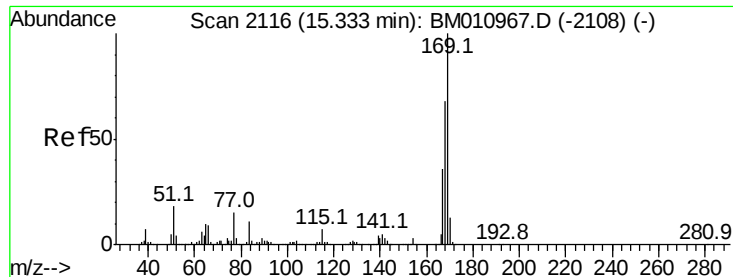
Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion:	198	Resp:	228425
Ion Ratio	Lower	Upper	
198	100		
51	54.3	28.8	68.8
105	44.7	30.5	70.5





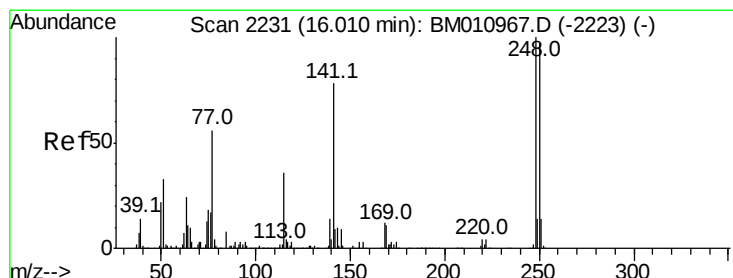
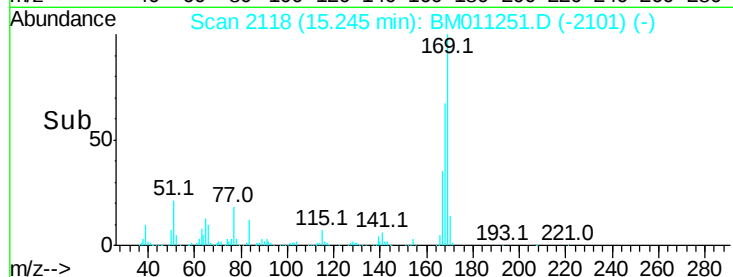
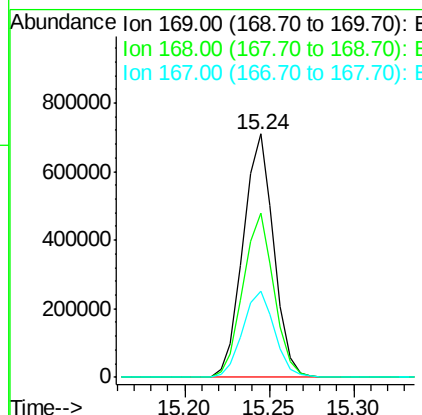
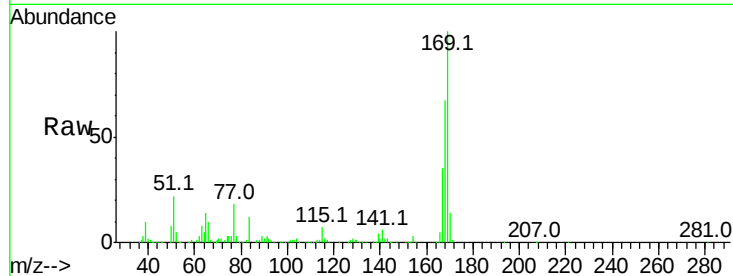
#65
n-Nitrosodiphenylamine
Concen: 40.019 ng
RT: 15.24 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.4	53.9	80.9	
167	35.2	28.9	43.3	

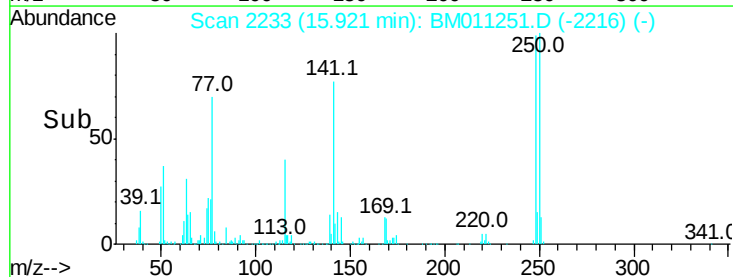
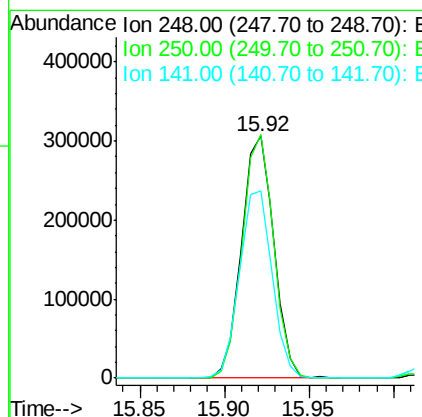
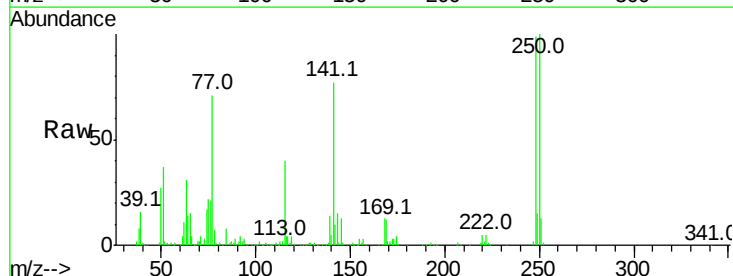
Manual Integrations
APPROVED

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8/17/2017 6:00:27 PM



#66
4-Bromophenyl-phenylether
Concen: 40.436 ng
RT: 15.92 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	100.6	77.4	116.0	
141	77.4	45.2	67.8	





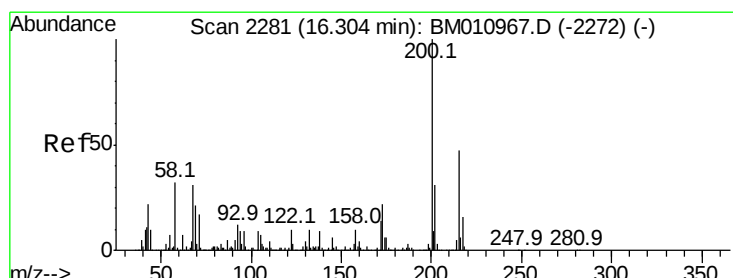
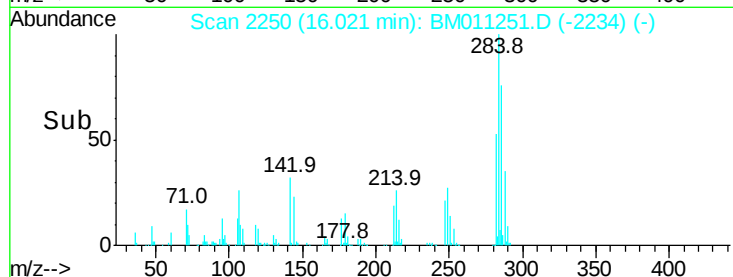
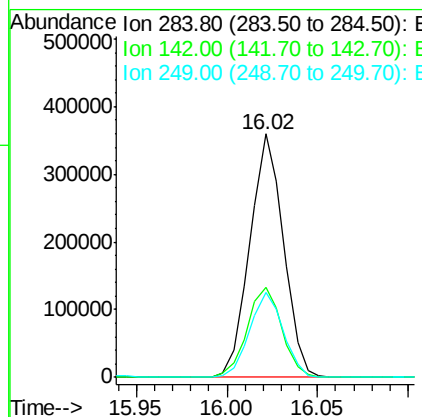
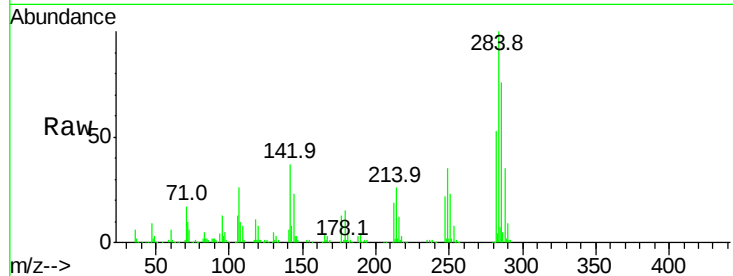
#67
Hexachlorobenzene
Concen: 40.796 ng
RT: 16.02 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.8	20.4	30.6	
249	34.6	23.8	35.6	

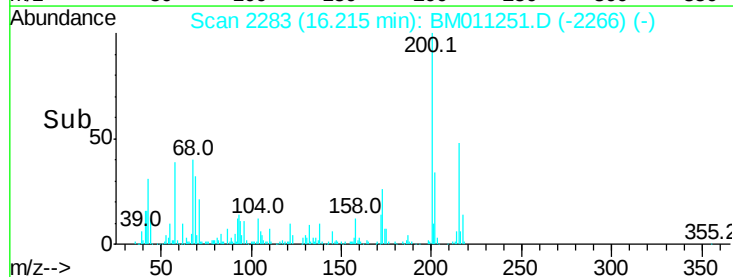
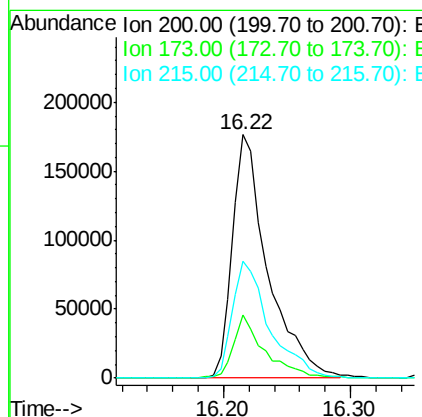
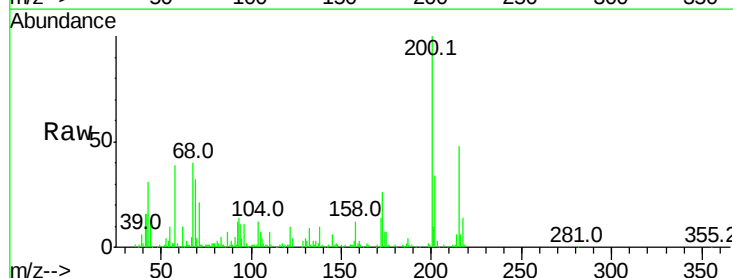
Manual Integrations
APPROVED

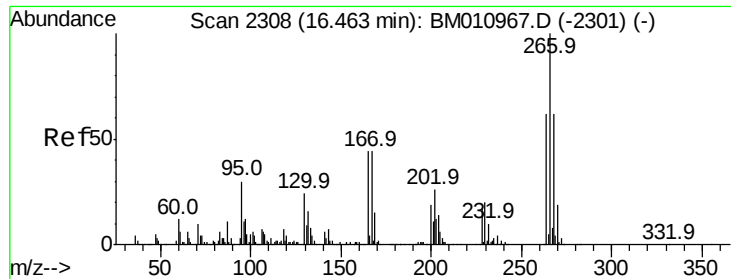
Sohil
8/17/2017 6:00:27 PM



#68
Atrazine
Concen: 37.977 ng
RT: 16.22 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.0	4.8	44.8	
215	47.9	26.9	66.9	





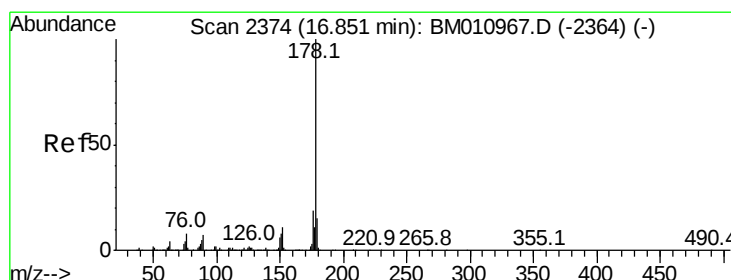
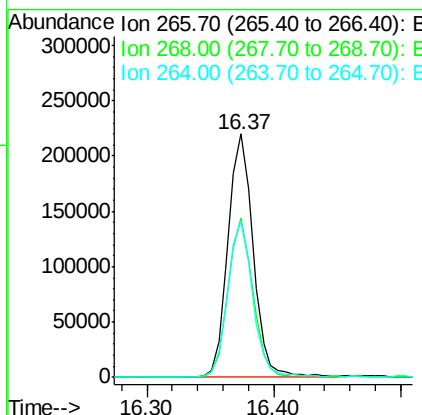
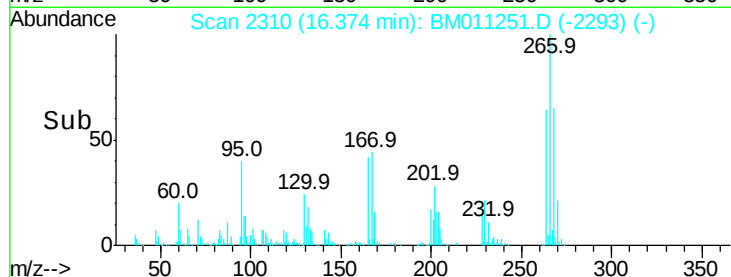
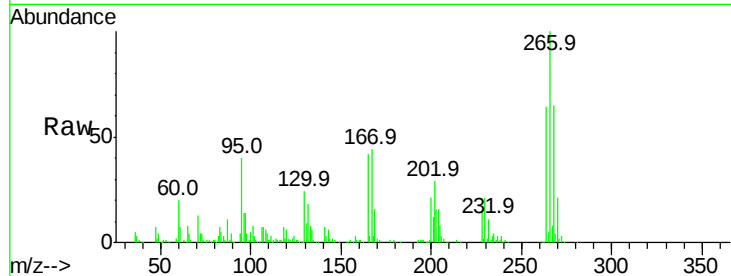
#69
 Pentachlorophenol
 Concen: 42.124 ng
 RT: 16.37 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.0	78.0
264	64.4	49.0	73.4

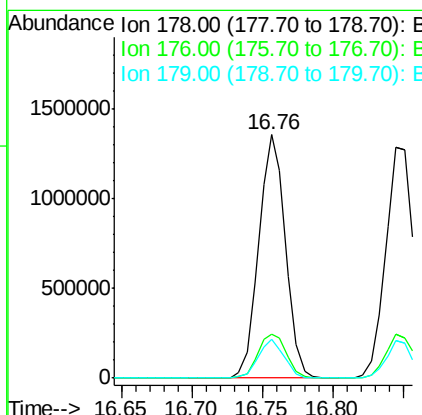
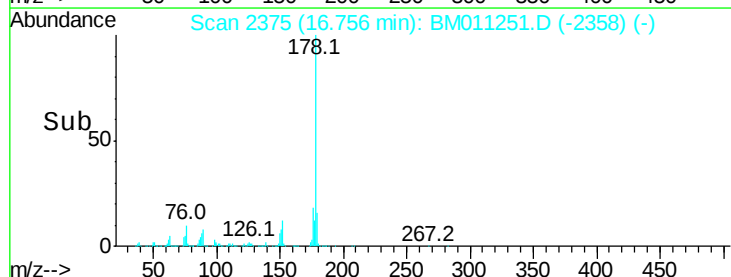
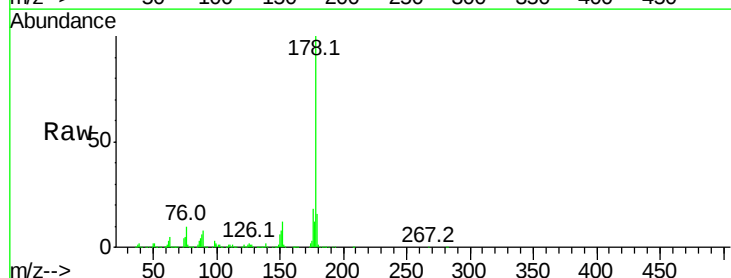
Manual Integrations
 APPROVED

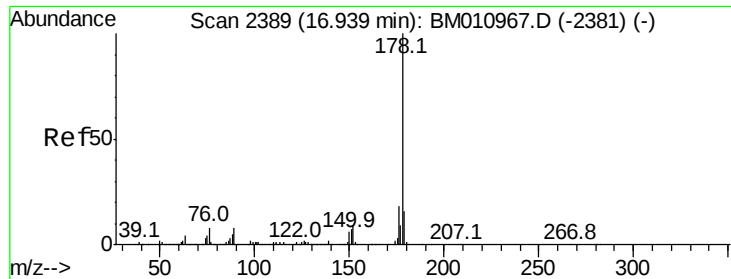
Sohil
 8/17/2017 6:00:27 PM



#70
 Phenanthrene
 Concen: 43.930 ng
 RT: 16.76 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	15.7	12.1	18.1





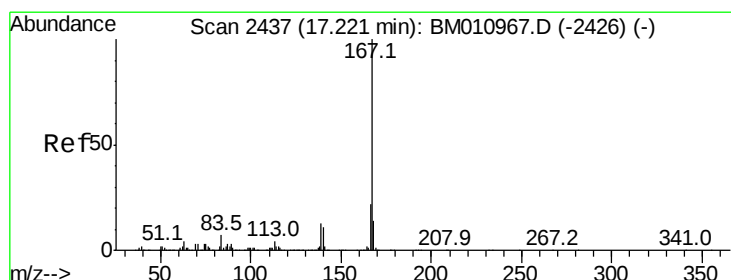
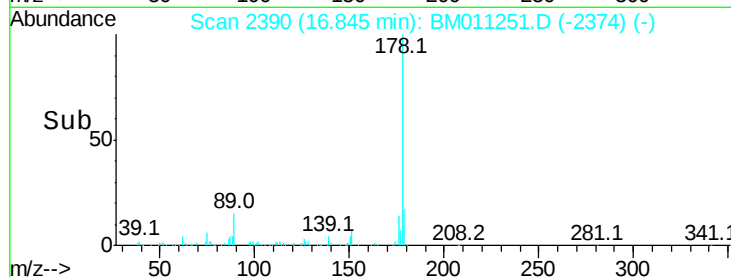
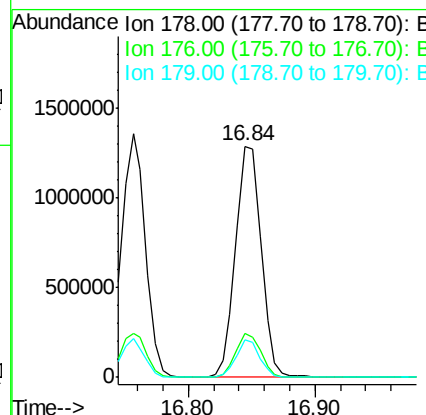
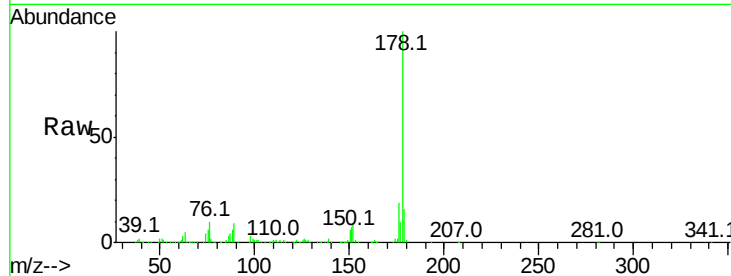
#71
 Anthracene
 Concen: 43.826 ng
 RT: 16.84 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	16.1	12.6	19.0

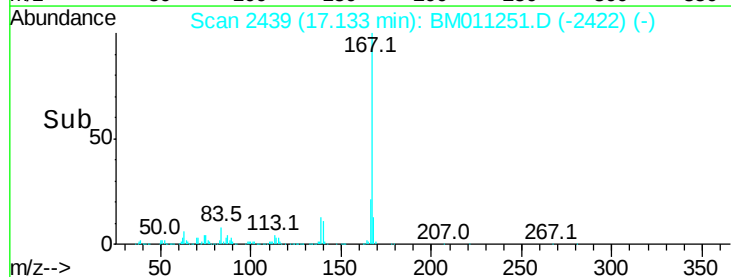
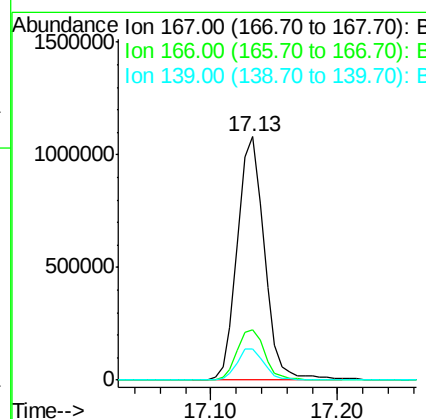
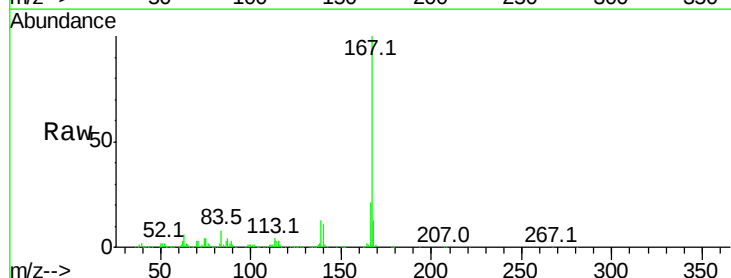
Manual Integrations
 APPROVED

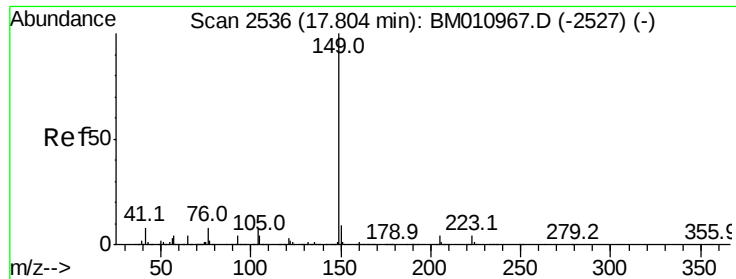
Sohil
 8/17/2017 6:00:27 PM



#72
 Carbazole
 Concen: 44.678 ng
 RT: 17.13 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.6	10.8	16.2





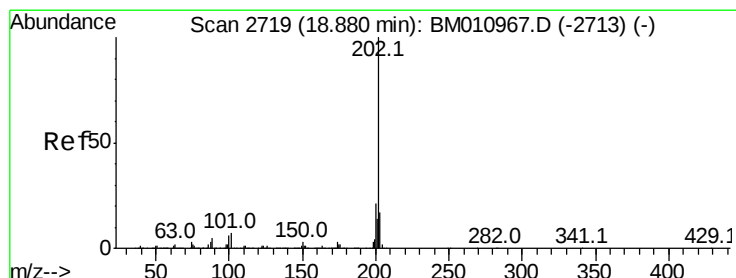
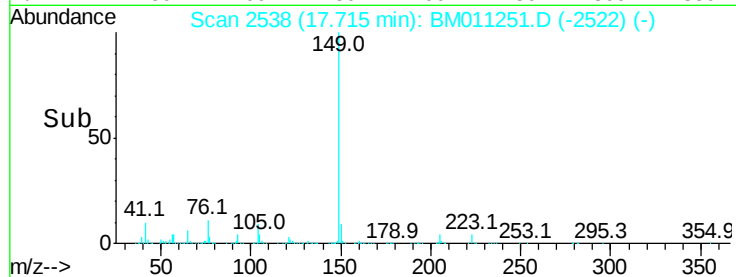
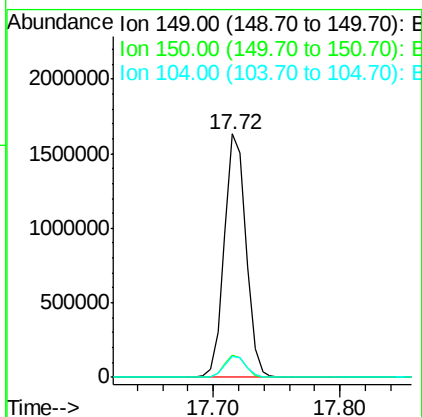
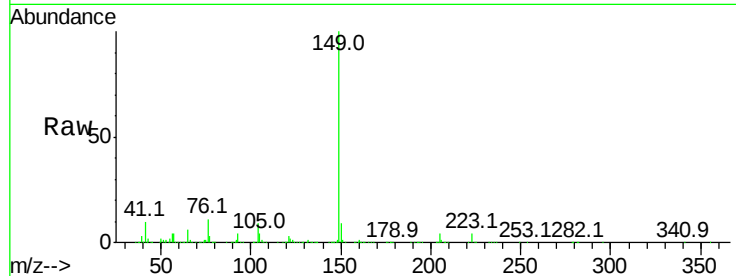
#73
Di-n-butylphthalate
Concen: 44.279 ng
RT: 17.72 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.7	3.7	5.5

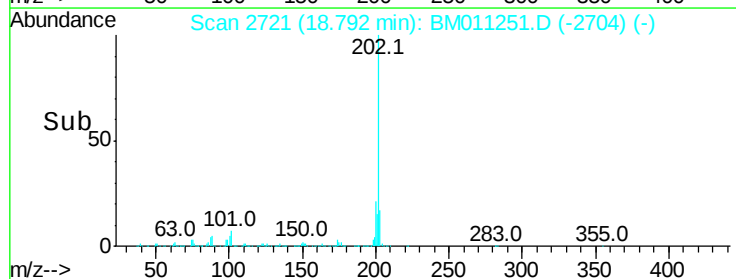
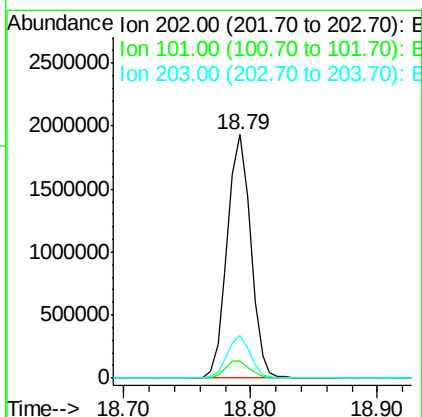
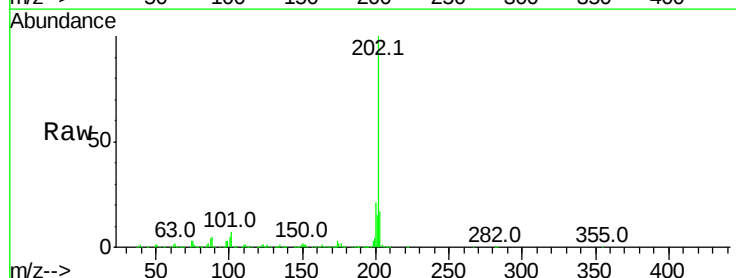
Manual Integrations
APPROVED

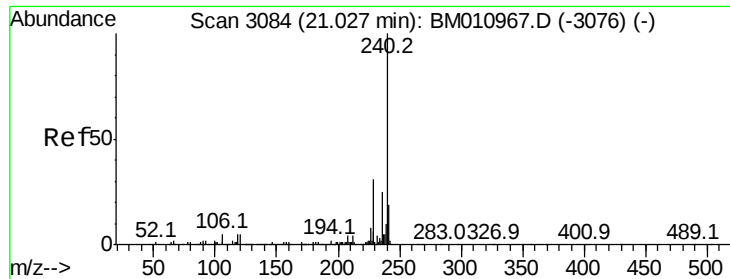
Sohil
8/17/2017 6:00:27 PM



#74
Fluoranthene
Concen: 48.836 ng
RT: 18.79 min Scan# 2721
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 1158763

Ion Ratio Lower Upper

240 100

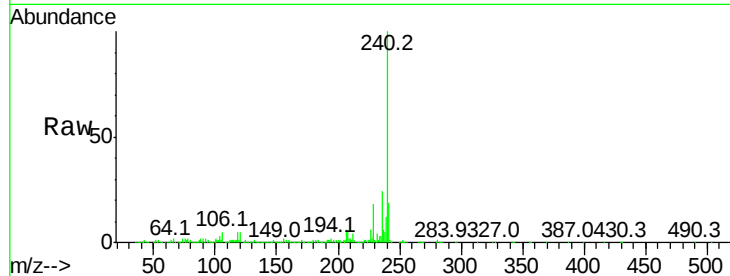
120 4.6 8.2 12.2#

236 23.5 20.0 30.0

Manual Integrations
APPROVED

Sohil

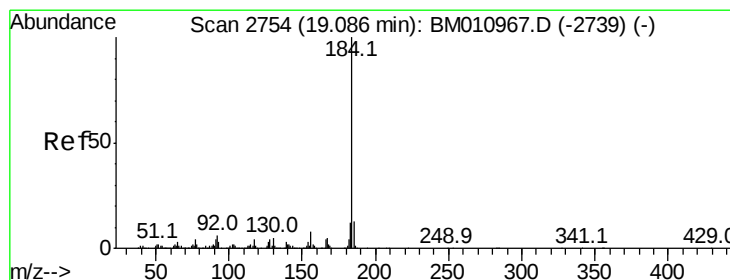
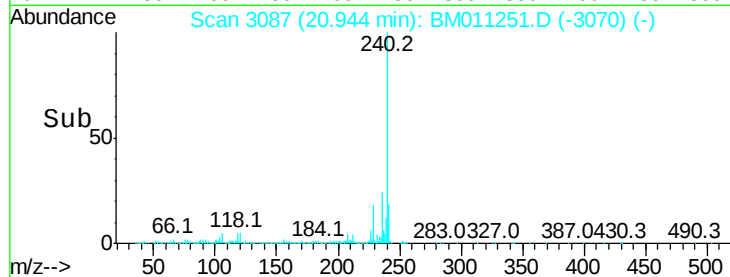
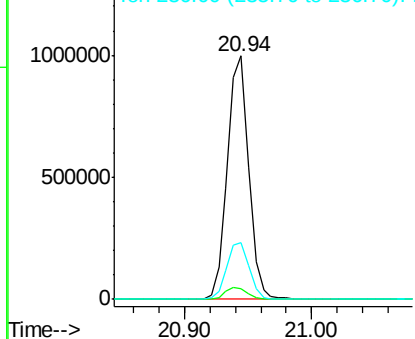
8/17/2017 6:00:27 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.454 ng m

RT: 19.02 min Scan# 2759

Delta R.T. 0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

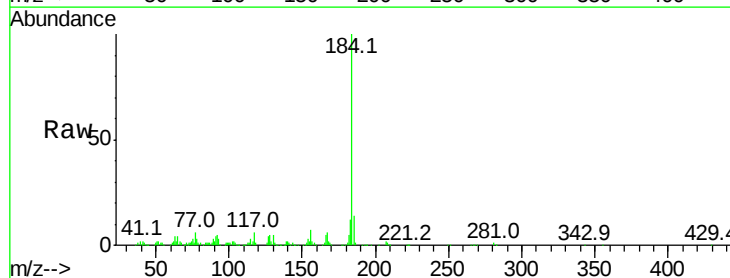
Tgt Ion:184 Resp: 650154

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

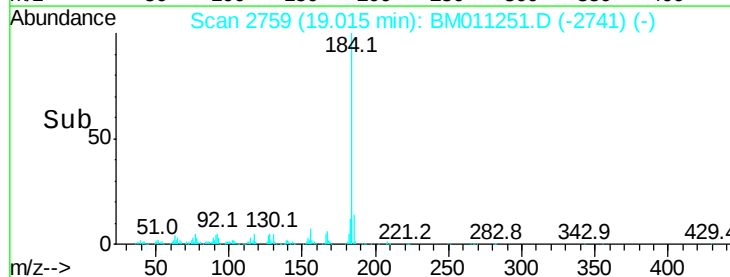
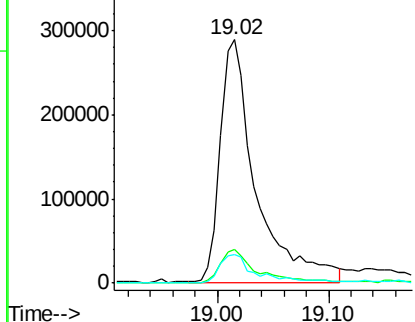
183 11.5 8.9 13.3

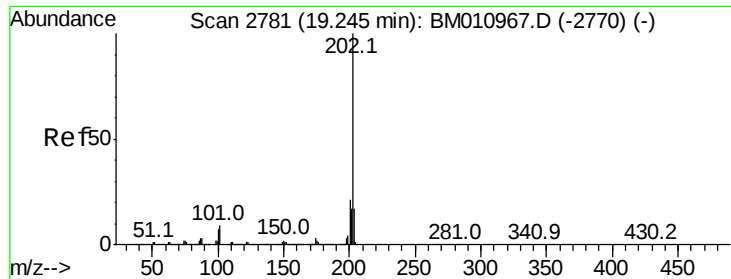


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.963 ng

RT: 19.16 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2682673

Ion Ratio Lower Upper

202 100

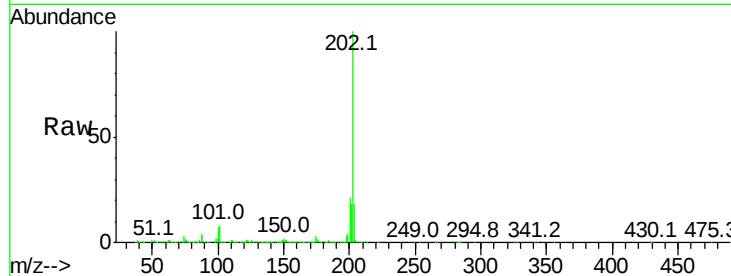
200 20.9 16.9 25.3

203 17.6 14.1 21.1

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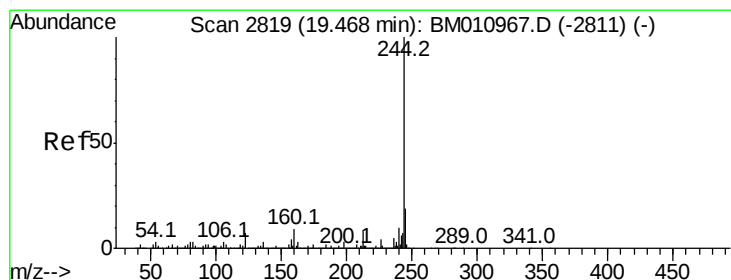
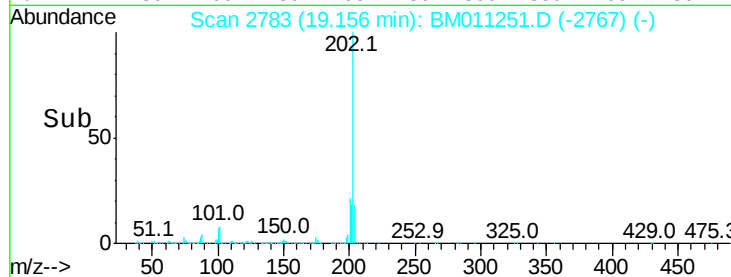
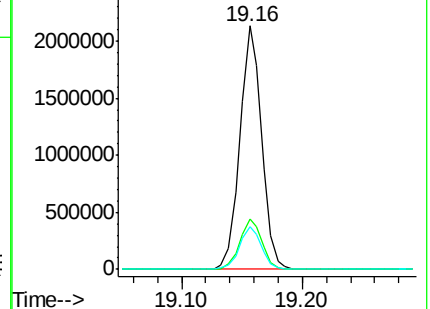
8/17/2017 6:00:27 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.537 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

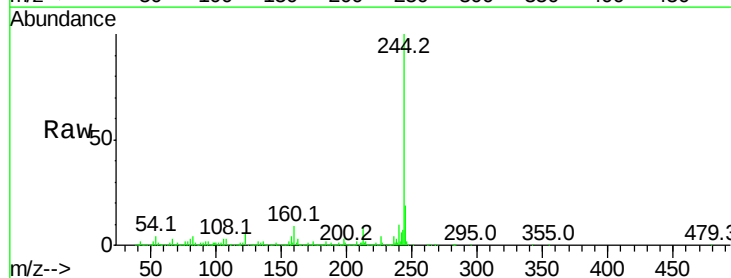
Tgt Ion:244 Resp: 4594232

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

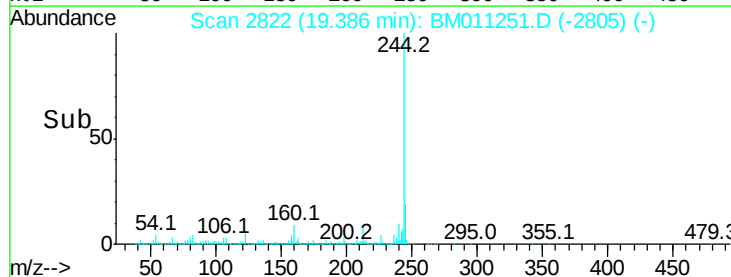
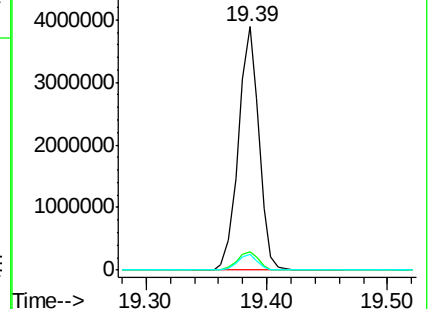
122 6.4 6.2 9.4

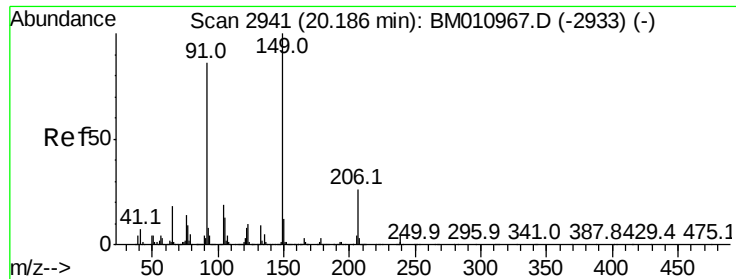


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





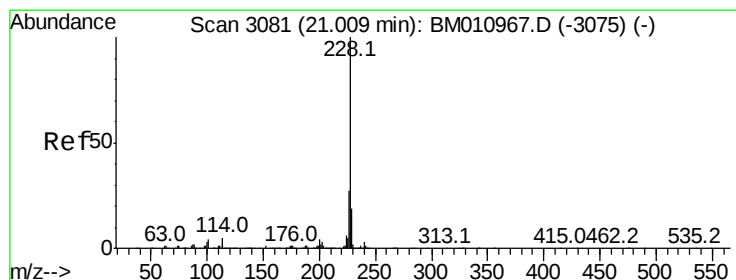
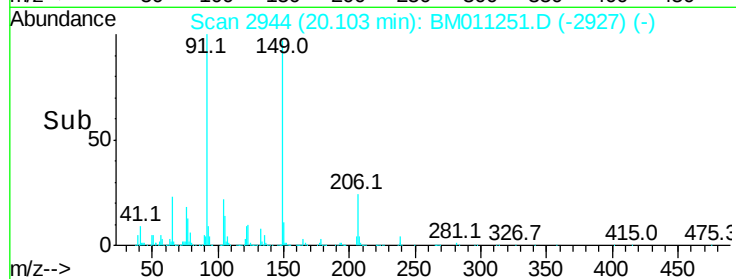
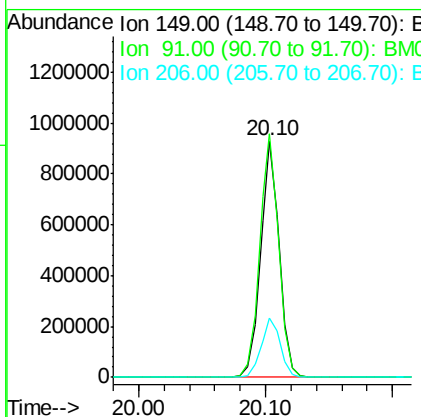
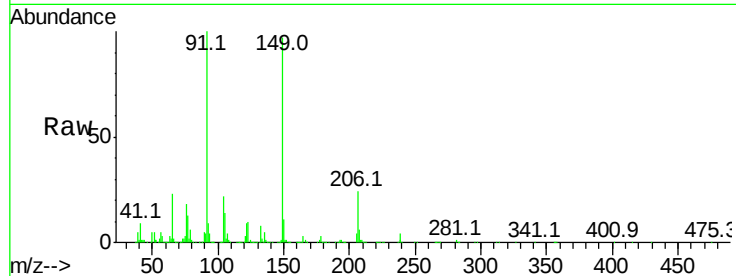
#79
Butylbenzylphthalate
Concen: 38.940 ng
RT: 20.10 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	103.2	50.1	75.1#
206	25.0	16.2	24.2#

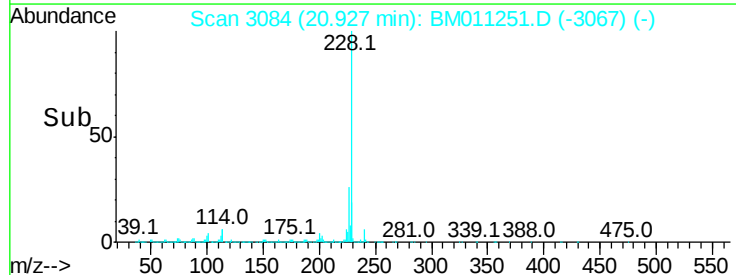
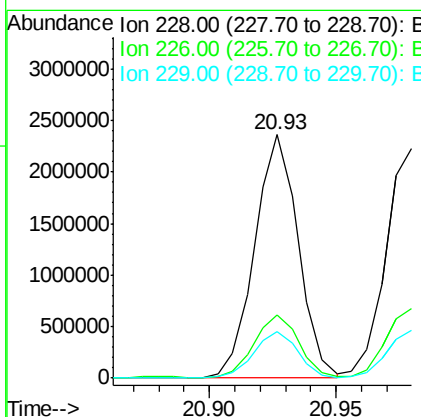
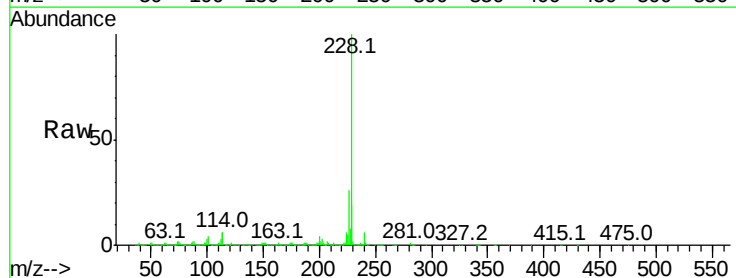
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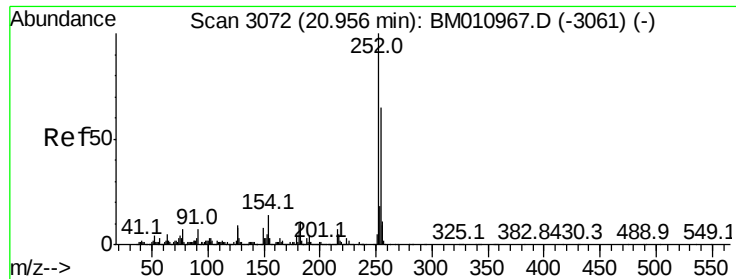
Sohil
8/17/2017 6:00:27 PM



#80
Benzo(a)anthracene
Concen: 42.891 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.7	32.5
229	19.2	16.0	24.0





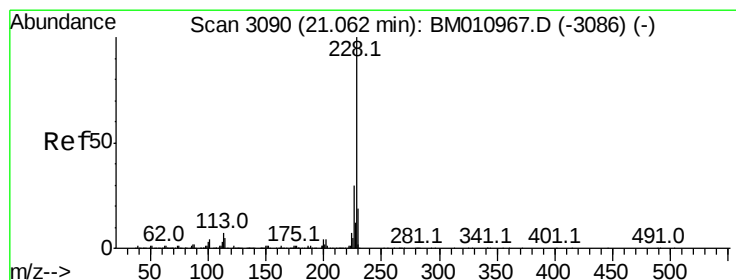
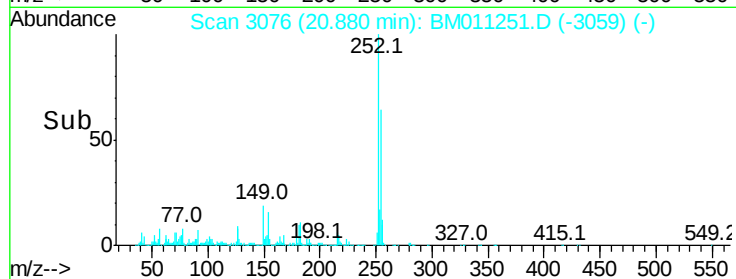
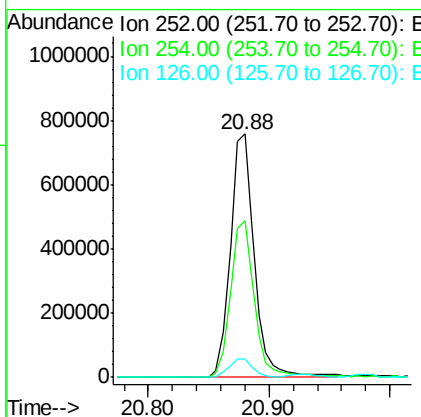
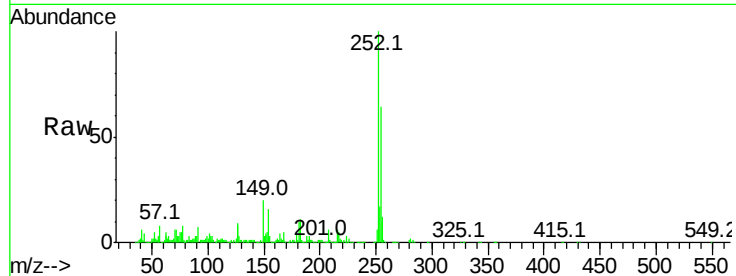
#81
 3,3'-Dichlorobenzidine
 Concen: 40.519 ng
 RT: 20.88 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.9	77.9
126	7.8	9.8	14.8

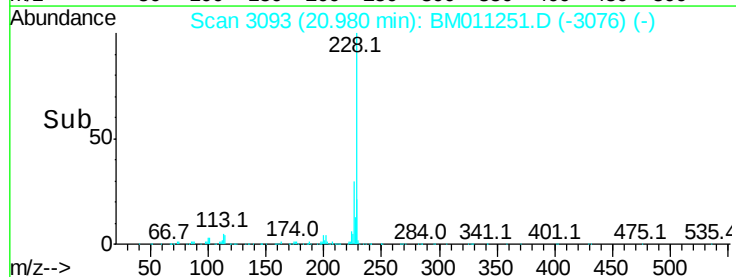
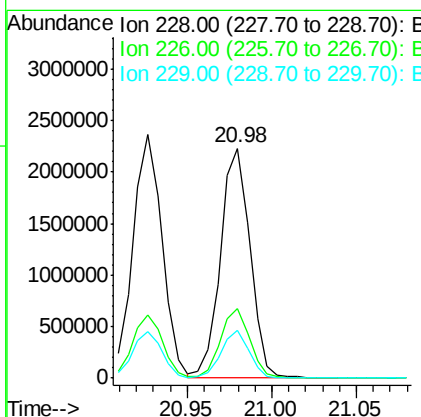
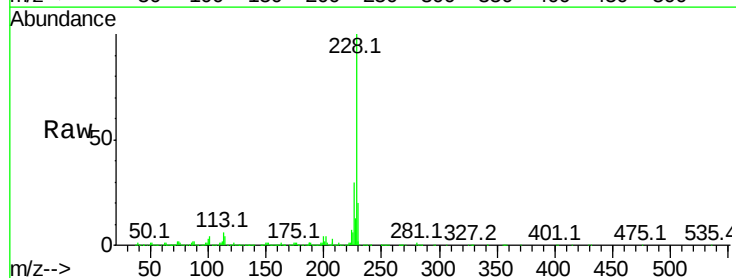
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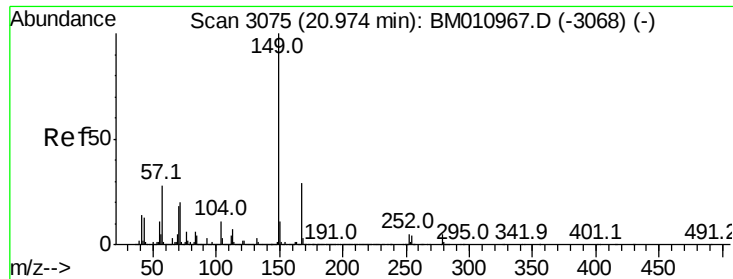
Sohil
 8/17/2017 6:00:27 PM



#82
 Chrysene
 Concen: 42.678 ng
 RT: 20.98 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.575 ng

RT: 20.89 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

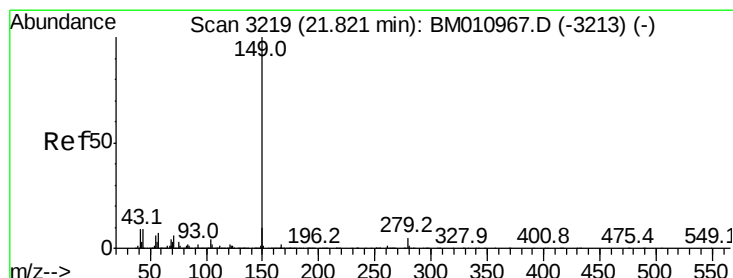
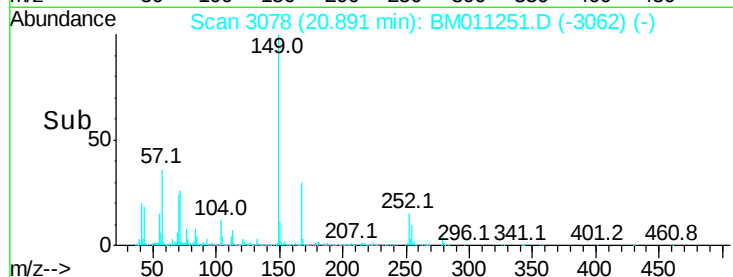
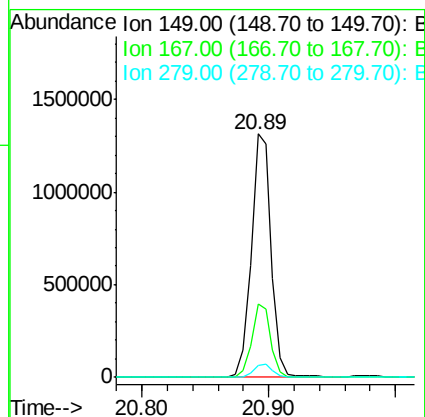
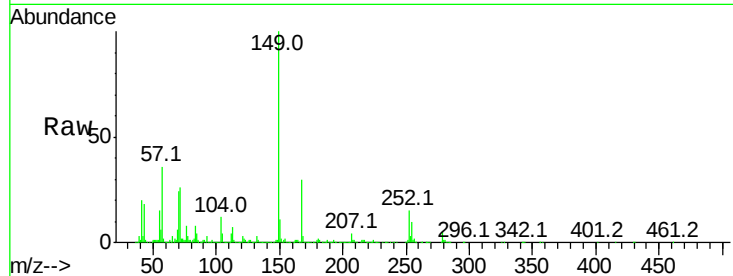
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.4	33.6
279	4.7	3.4	5.0

Manual Integrations
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8/17/2017 6:00:27 PM



#84

Di-n-octyl phthalate

Concen: 41.641 ng

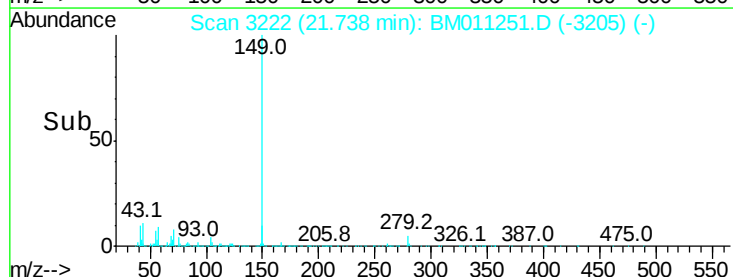
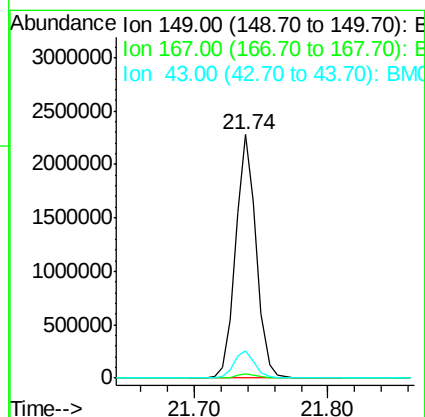
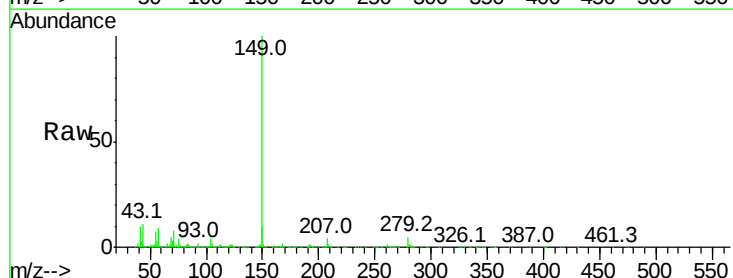
RT: 21.74 min Scan# 3222

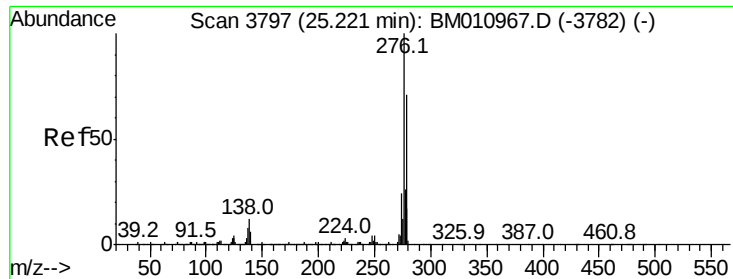
Delta R.T. -0.00 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	7.3	10.9#





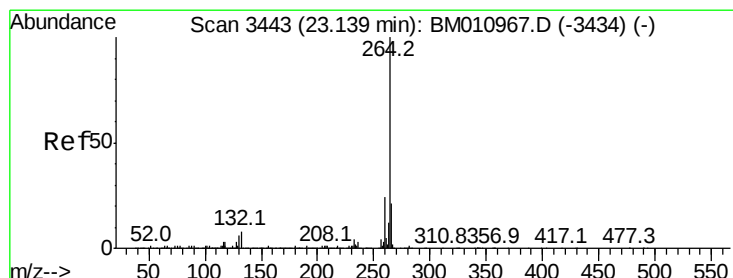
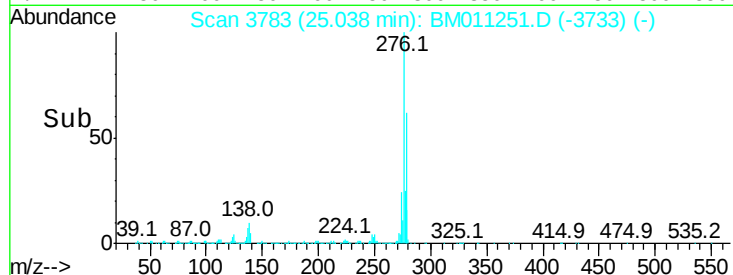
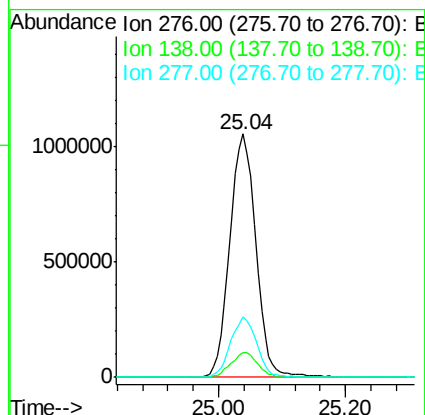
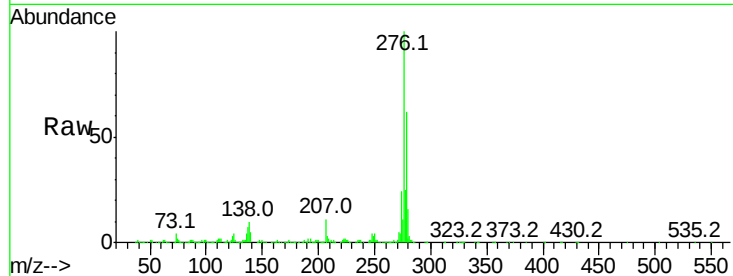
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.542 ng
 RT: 25.04 min Scan# 3783
 Delta R.T. -0.01 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.6	12.0	18.0#
277	24.8	20.0	30.0

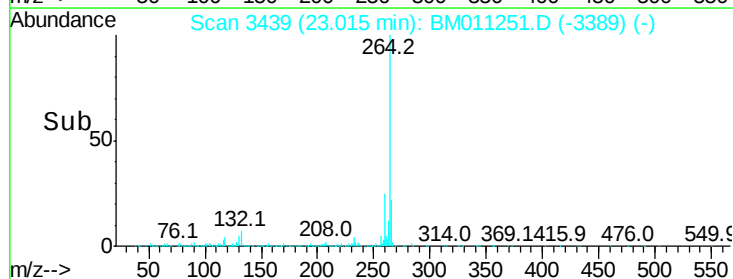
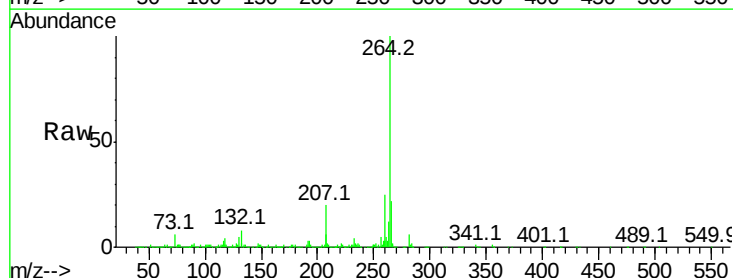
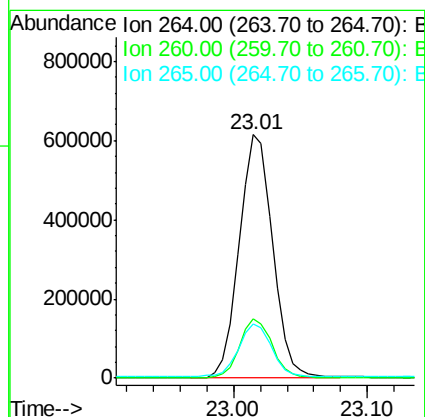
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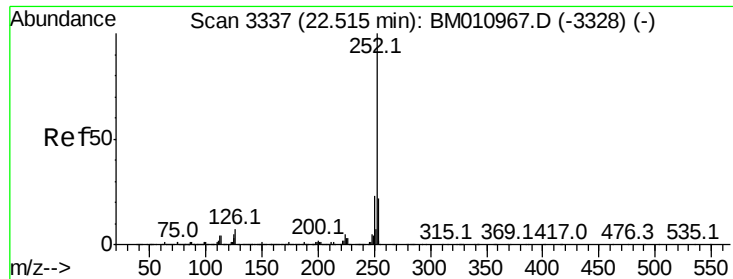
Sohil
 8/17/2017 6:00:27 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.01 min Scan# 3439
 Delta R.T. -0.01 min
 Lab File: BM011251.D
 Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.192 ng

RT: 22.41 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

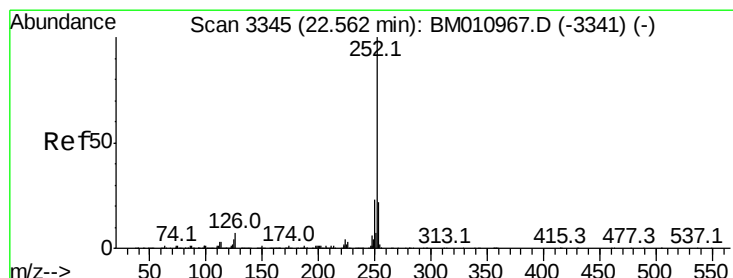
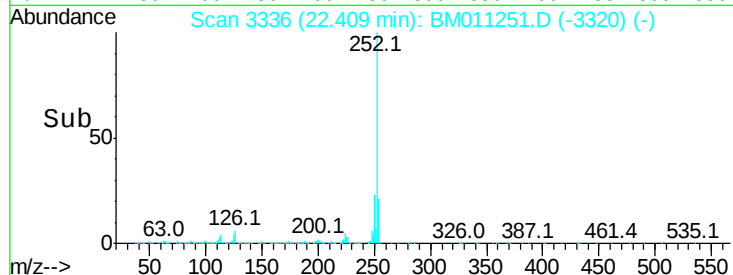
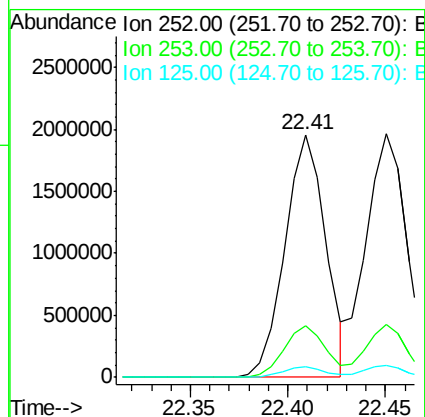
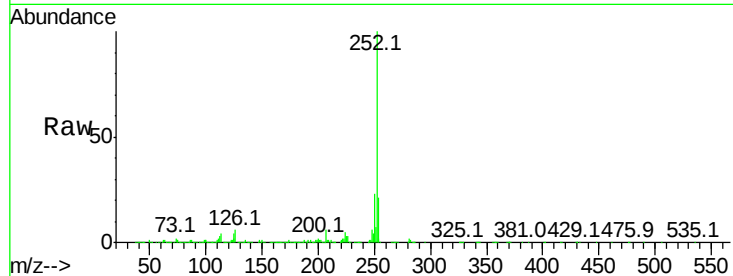
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	4.4	9.9	14.9

Manual Integrations
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8/17/2017 6:00:27 PM



#88

Benzo(k)fluoranthene

Concen: 43.608 ng

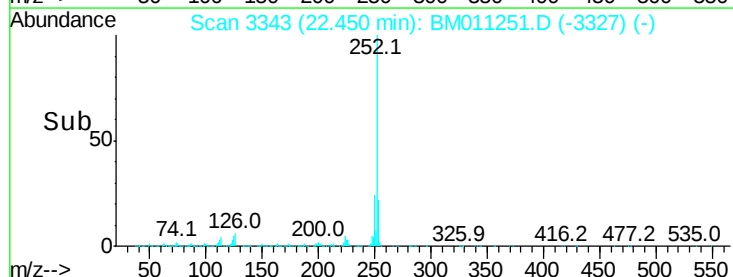
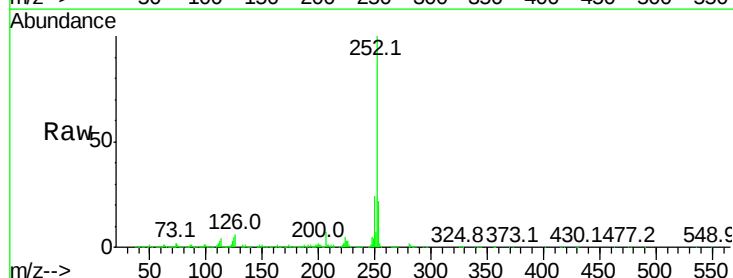
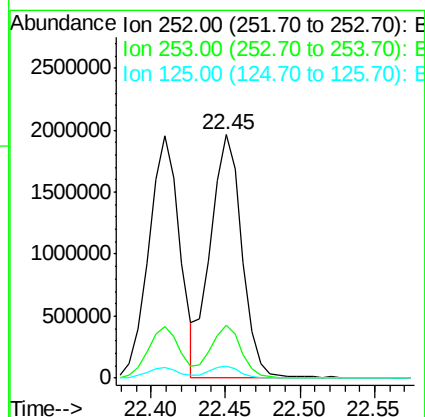
RT: 22.45 min Scan# 3343

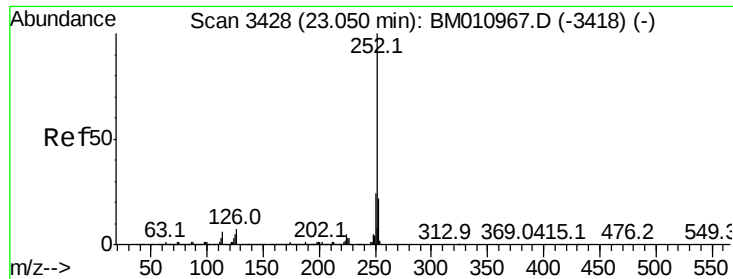
Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	4.8	8.1	12.1





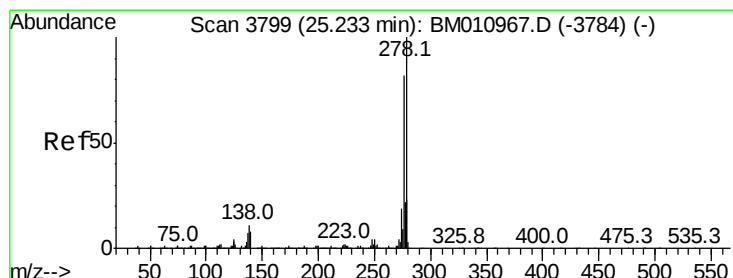
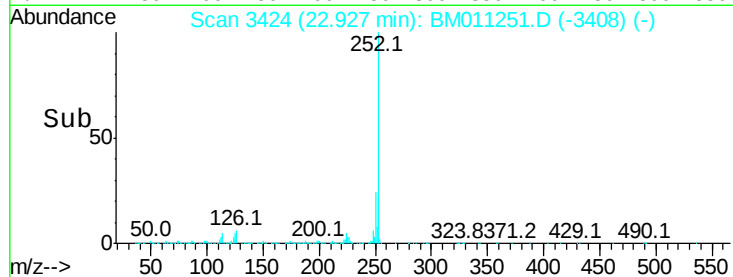
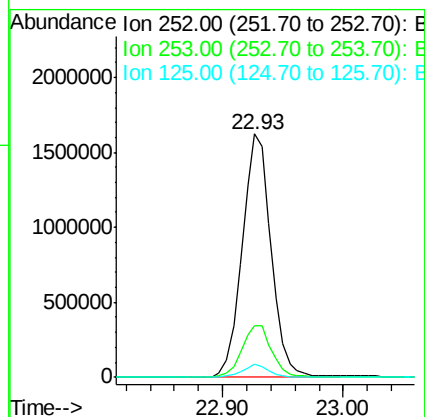
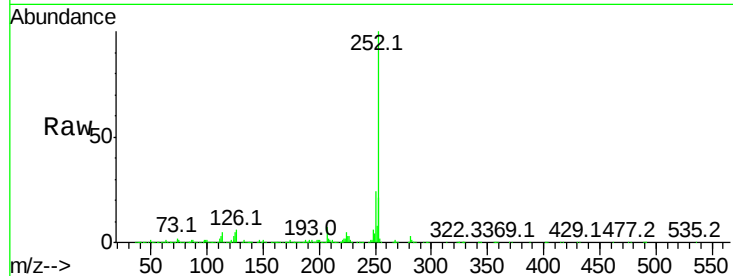
#89
Benzo(a)pyrene
Concen: 43.611 ng
RT: 22.93 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	5.2	7.4	11.2

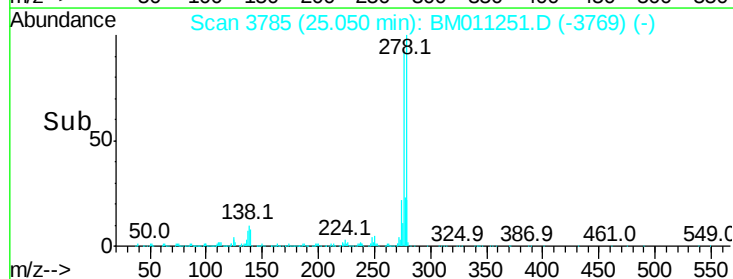
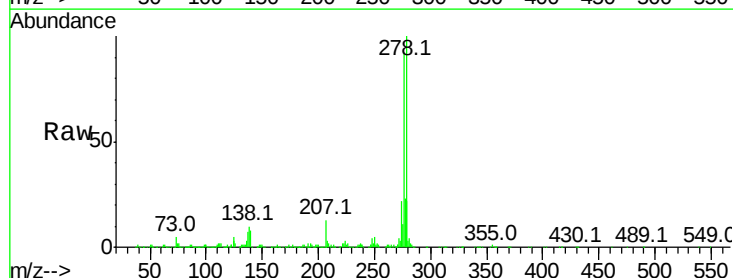
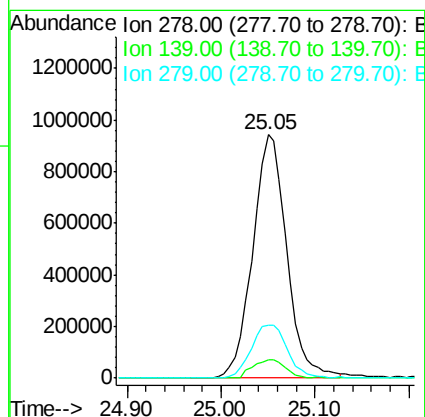
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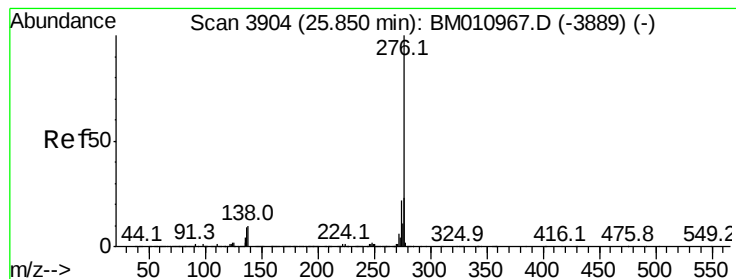
Sohil
8/17/2017 6:00:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.961 ng
RT: 25.05 min Scan# 3785
Delta R.T. -0.01 min
Lab File: BM011251.D
Acq: 16 Aug 2017 11:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.5	13.4	20.0
279	21.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.097 ng

RT: 25.65 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM011251.D

Acq: 16 Aug 2017 11:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 276 Resp: 2437719

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 9.0 19.0 28.6#

Manual Integrations
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8/17/2017 6:00:27 PM

