

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082817\
 Data File : BM011364.D
 Acq On : 28 Aug 2017 16:47
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:00:38 PM

Quant Time: Aug 28 17:33:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM082817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:34:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	30405	20.00	ng	0.00
21) Naphthalene-d8	10.02	136	148336	20.00	ng	0.00
38) Acenaphthene-d10	13.93	164	138772	20.00	ng	0.00
63) Phenanthrene-d10	16.69	188	481840	20.00	ng	0.00
75) Chrysene-d12	20.92	240	975202	20.00	ng	0.00
86) Perylene-d12	22.99	264	1165674	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	298478	165.95	ng	0.00
7) Phenol-d6	6.46	99	575534	225.21	ng	0.00
23) Nitrobenzene-d5	8.41	82	868533	219.75	ng	0.00
41) 2,4,6-Tribromophenol	15.44	330	428617	192.70	ng	0.00
44) 2-Fluorobiphenyl	12.53	172	1606250	145.16	ng	0.00
78) Terphenyl-d14	19.36	244	5943977	120.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	73520	91.038	ng	# 100
3) Pyridine	3.28	79	300728	136.331	ng	# 88
4) n-Nitrosodimethylamine	3.19	42	137474	122.295	ng	# 69
6) Aniline	6.60	93	403564	125.297	ng	# 85
8) 2-Chlorophenol	6.83	128	163365	89.461	ng	# 55
9) Benzaldehyde	6.42	77	170017	102.823	ng	# 65
10) Phenol	6.49	94	322392	116.147	ng	# 95
11) bis(2-Chloroethyl)ether	6.71	93	220741	102.064	ng	# 80
12) 1,3-Dichlorobenzene	7.15	146	182923	82.194	ng	# 74
13) 1,4-Dichlorobenzene	7.30	146	198049	86.818	ng	# 83
14) 1,2-Dichlorobenzene	7.60	146	189805	87.023	ng	# 88
15) Benzyl Alcohol	7.51	79	339047	138.298	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.79	45	238503	122.549	ng	# 76
17) 2-Methylphenol	7.72	107	202357	114.068	ng	# 64
18) Hexachloroethane	8.31	117	91134	91.608	ng	# 85
19) n-Nitroso-di-n-propylamine	8.07	70	330280	152.087	ng	# 90
20) 3+4-Methylphenols	8.05	107	292078	118.442	ng	# 74
22) Acetophenone	8.08	105	417372	93.865	ng	# 86
24) Nitrobenzene	8.45	77	467293	114.098	ng	# 78
25) Isophorone	8.97	82	751367	114.020	ng	# 83
26) 2-Nitrophenol	9.15	139	120298	92.314	ng	# 1
27) 2,4-Dimethylphenol	9.23	122	208428	90.857	ng	# 62
28) bis(2-Chloroethoxy)methane	9.46	93	371731	101.141	ng	# 96
29) 2,4-Dichlorophenol	9.68	162	242333	94.008	ng	# 89
30) 1,2,4-Trichlorobenzene	9.89	180	285601	89.605	ng	# 98
31) Naphthalene	10.06	128	674010	90.322	ng	# 99
32) Benzoic acid	9.37	122	220884	119.790	ng	# 39
33) 4-Chloroaniline	10.19	127	316048	106.168	ng	# 58
34) Hexachlorobutadiene	10.36	225	228694	91.099	ng	# 98
35) Caprolactam	10.98	113	100779	137.858	ng	# 72
36) 4-Chloro-3-methylphenol	11.33	107	383219	115.130	ng	# 68
37) 2-Methylnaphthalene	11.69	142	542129	98.894	ng	# 83
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	452843	75.954	ng	# 100
40) Hexachlorocyclopentadiene	12.06	237	191311	55.068	ng	# 99

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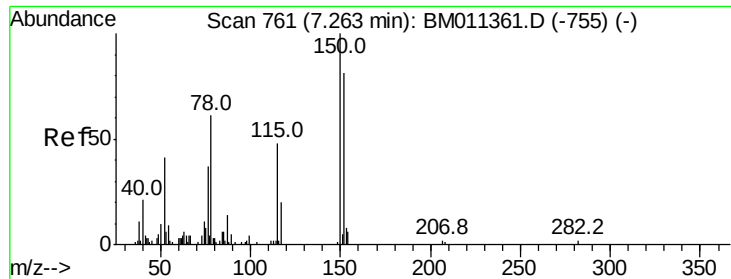
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.33	196	305580	84.680	nq	99
43) 2,4,5-Trichlorophenol	12.41	196	307985	82.865	nq #	82
45) 1,1'-Biphenyl	12.75	154	884037	73.674	nq	94
46) 2-Chloronaphthalene	12.78	162	693599	78.453	nq	94
47) 2-Nitroaniline	13.01	65	452002	144.515	nq #	54
48) Acenaphthylene	13.65	152	1106768	83.883	nq	99
49) Dimethylphthalate	13.41	163	1029212	86.697	nq #	98
50) 2,6-Dinitrotoluene	13.53	165	223583	93.136	nq #	25
51) Acenaphthene	13.99	154	706899	86.528	nq	100
52) 3-Nitroaniline	13.86	138	215743	103.564	nq #	1
53) 2,4-Dinitrophenol	14.07	184	200100	117.285	nq #	66
54) Dibenzofuran	14.34	168	1170715	88.441	nq #	91
55) 4-Nitrophenol	14.20	139	165616m	90.488	nq	
56) 2,4-Dinitrotoluene	14.33	165	360130	106.859	nq #	67
57) Fluorene	14.99	166	1074600	93.239	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.57	232	362966	104.189	nq #	100
59) Diethylphthalate	14.80	149	1105668	91.198	nq	98
60) 4-Chlorophenyl-phenylether	15.00	204	631777	90.793	nq	99
61) 4-Nitroaniline	15.03	138	224239	101.342	nq #	1
62) Azobenzene	15.29	77	1549583	119.424	nq	84
64) 4,6-Dinitro-2-methylphenol	15.09	198	305946	93.791	nq	91
65) n-Nitrosodiphenylamine	15.22	169	1023841	74.248	nq	97
66) 4-Bromophenyl-phenylether	15.90	248	468826	75.687	nq #	92
67) Hexachlorobenzene	16.00	284	498054	71.155	nq #	86
68) Atrazine	16.19	200	420728	76.136	nq	95
69) Pentachlorophenol	16.35	266	392554	88.338	nq	97
70) Phenanthrene	16.73	178	2184900	86.599	nq	98
71) Anthracene	16.82	178	2199196	87.400	nq	100
72) Carbazole	17.11	167	2101487	95.499	nq	99
73) Di-n-butylphthalate	17.70	149	2255784	84.179	nq #	95
74) Fluoranthene	18.77	202	3558584	113.816	nq	98
76) Benzidine	18.99	184	1056013	45.265	nq	99
77) Pyrene	19.14	202	3847923	66.406	nq	98
79) Butylbenzylphthalate	20.08	149	1380809	67.013	nq #	50
80) Benzo(a)anthracene	20.90	228	4694277	84.303	nq	99
81) 3,3'-Dichlorobenzidine	20.86	252	2019867	92.466	nq #	97
82) Chrysene	20.96	228	4590025	85.874	nq	99
83) Bis(2-ethylhexyl)phthalate	20.87	149	2033504	67.084	nq #	99
84) Di-n-octyl phthalate	21.72	149	3891437	79.097	nq #	92
85) Indeno(1,2,3-cd)pyrene	25.01	276	7079861	127.895	nq #	96
87) Benzo(b)fluoranthene	22.39	252	5928639	79.244	nq #	92
88) Benzo(k)fluoranthene	22.43	252	5425487	75.663	nq #	95
89) Benzo(a)pyrene	22.90	252	5749483	84.929	nq #	95
90) Dibenzo(a,h)anthracene	25.02	278	6110752	97.371	nq #	91
91) Benzo(g,h,i)perylene	25.62	276	6143424	99.691	nq #	85

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



#1

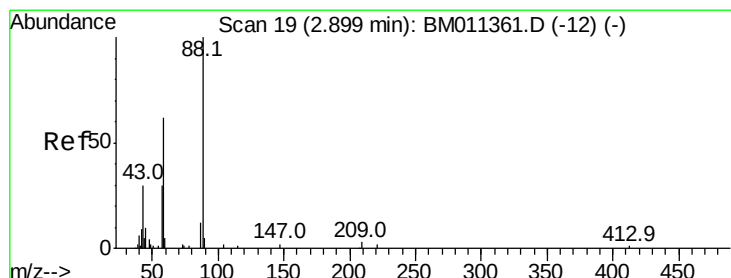
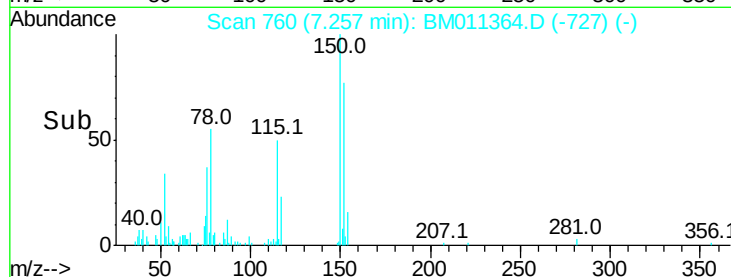
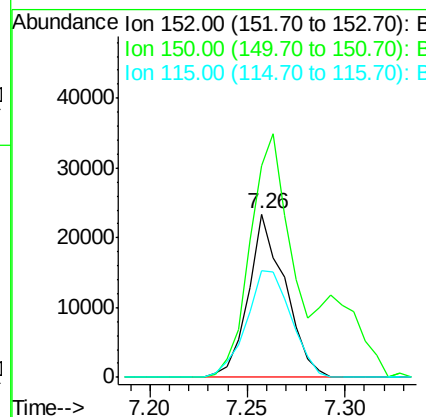
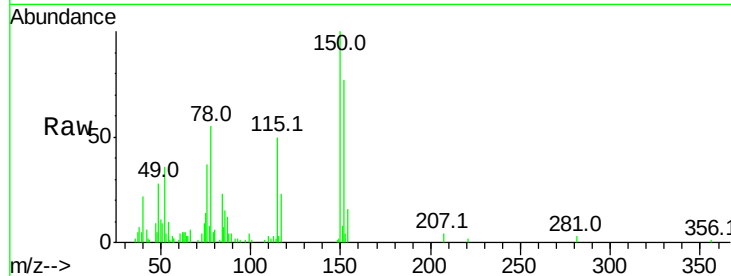
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 760
Delta R.T. -0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	129.6	119.5	179.3
115	65.1	43.0	64.4#

Manual Integrations
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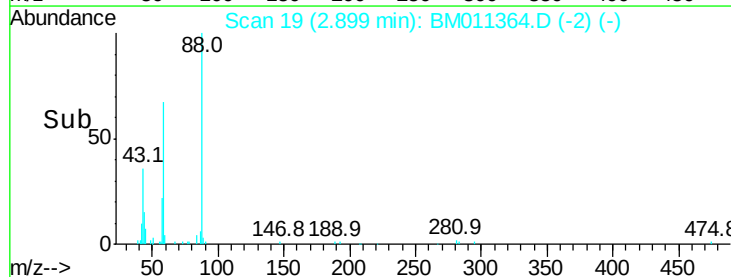
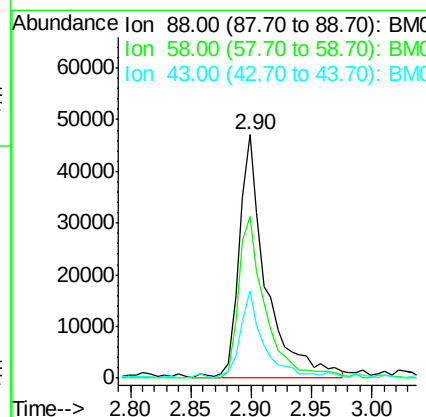
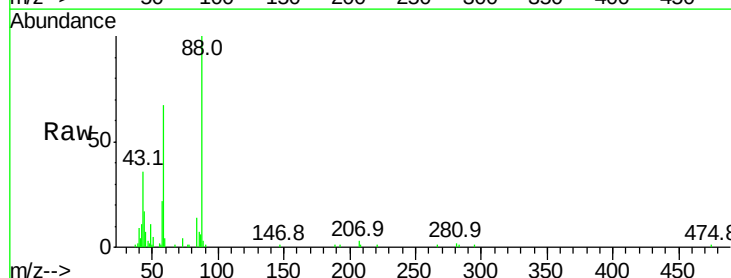
Sohil
8/29/2017 6:00:38 PM

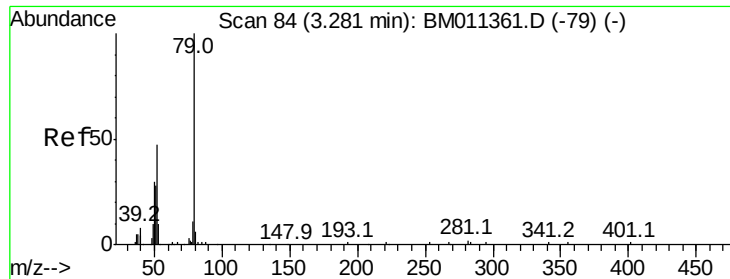


#2

1,4-Dioxane
Concen: 91.038 ng
RT: 2.90 min Scan# 19
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	0.0	0.0#
43	31.2	0.0	0.0#





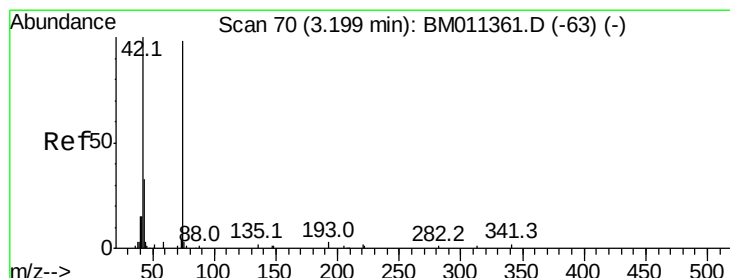
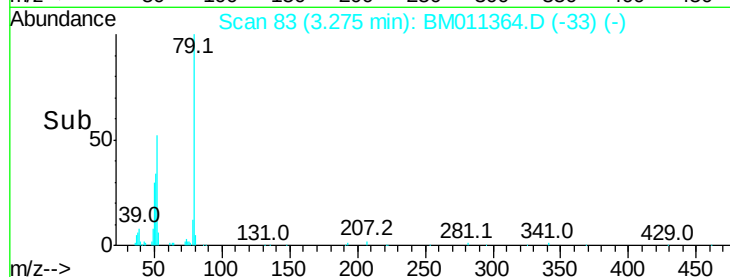
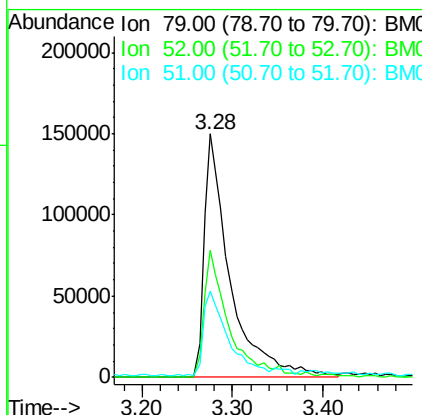
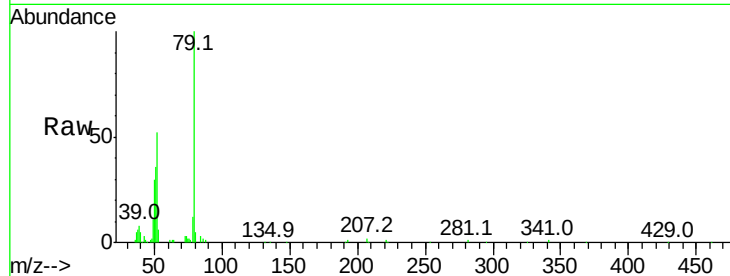
#3
 Pvridine
 Concen: 136.331 ng
 RT: 3.28 min Scan# 83
 Delta R.T. -0.01 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.2	51.1	76.7
51	35.6	26.1	39.1

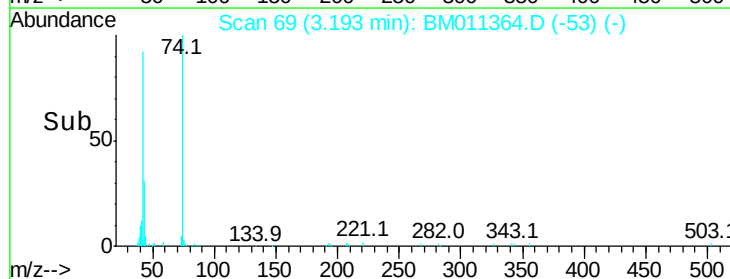
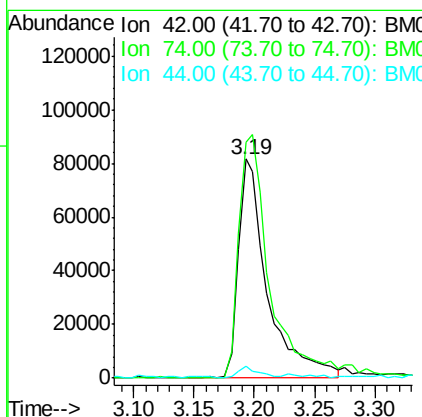
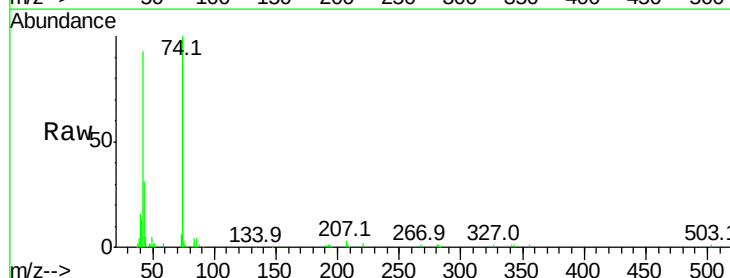
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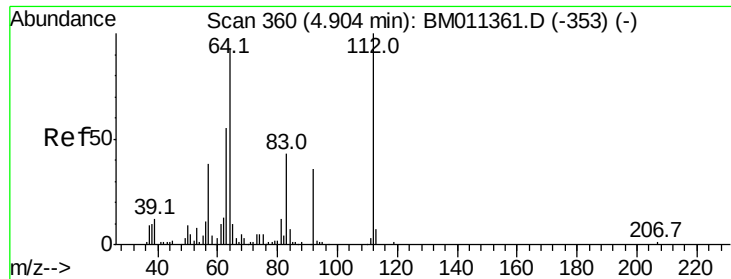
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#4
 n-Nitrosodimethylamine
 Concen: 122.295 ng
 RT: 3.19 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.0	119.3	178.9#
44	5.5	5.4	8.2





#5

2-Fluorophenol

Concen: 165.946 ng

RT: 4.90 min Scan# 359

Delta R.T. -0.01 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

ClientSampled :

SSTDIC080

Tot Ion:112 Resp: 298478

Ion Ratio Lower Upper

112 100

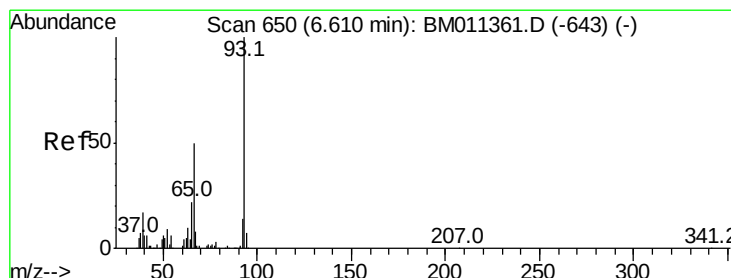
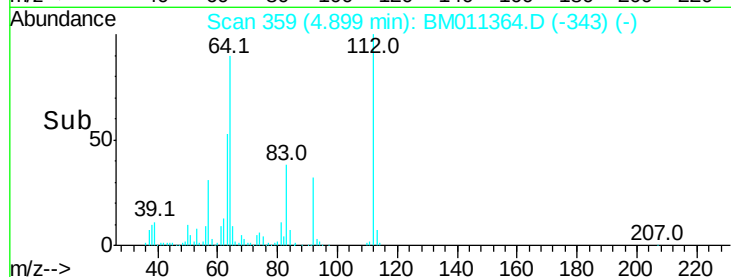
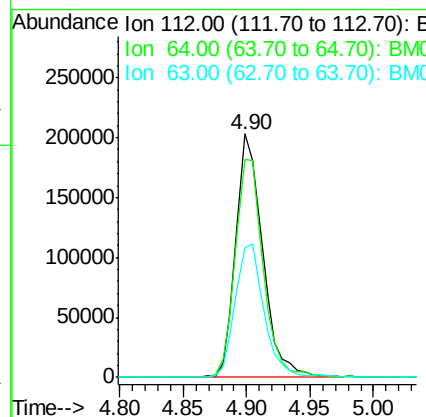
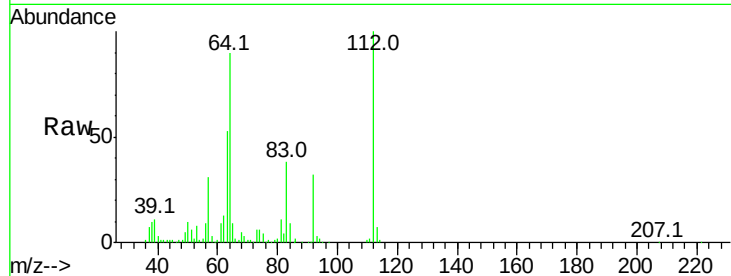
64 89.6 38.6 57.8#

63 53.5 19.3 28.9#

Manual Integrations
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#6

Aniline

Concen: 125.297 ng

RT: 6.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

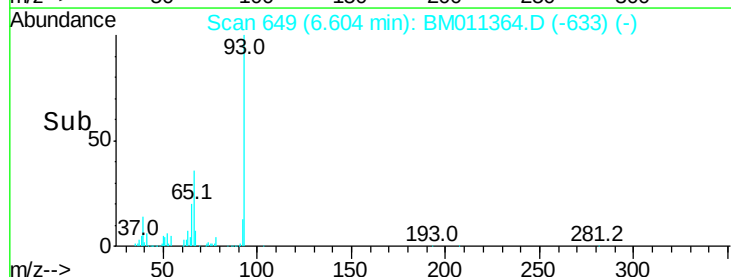
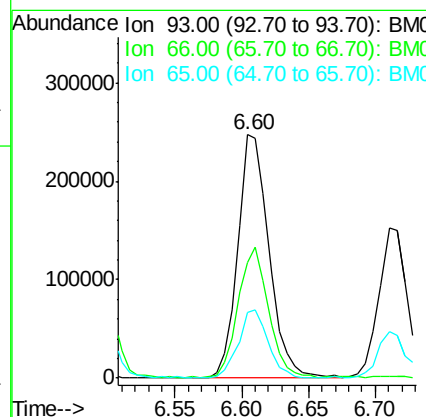
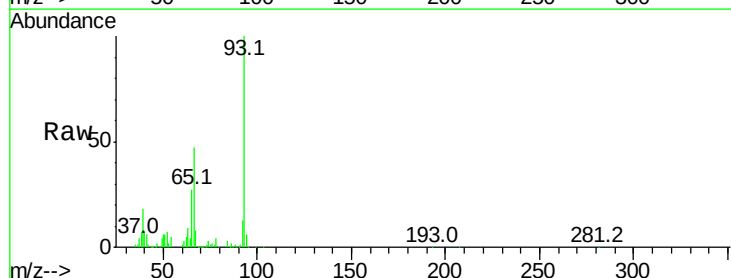
Tgt Ion: 93 Resp: 403564

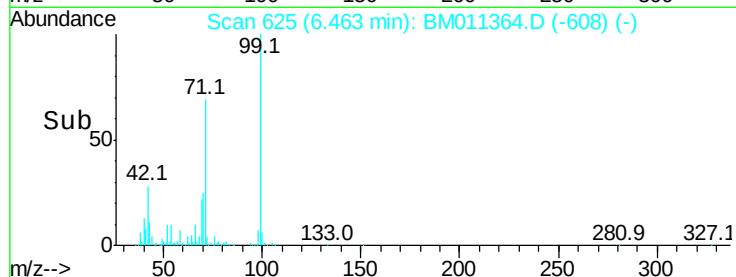
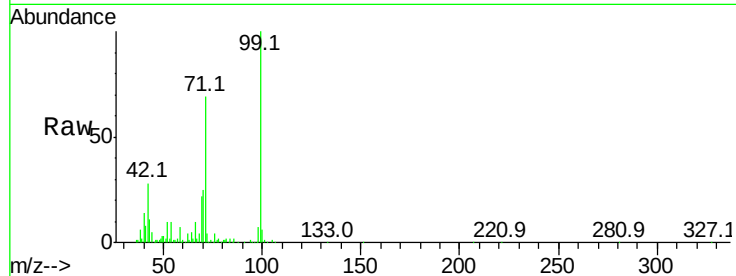
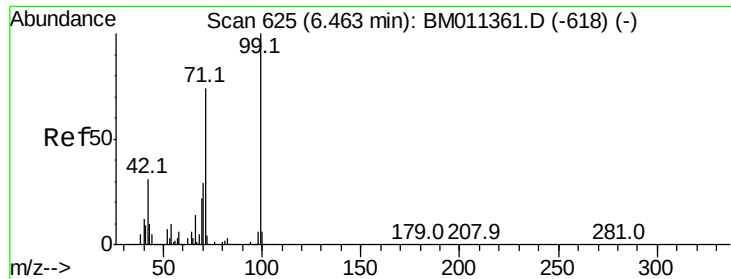
Ion Ratio Lower Upper

93 100

66 47.2 30.8 46.2#

65 27.0 16.0 24.0#





#7

Phenol-d6

Concen: 225.210 ng

RT: 6.46 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	27.8	11.0	16.4#	
71	68.7	23.4	35.2#	

Instrument :

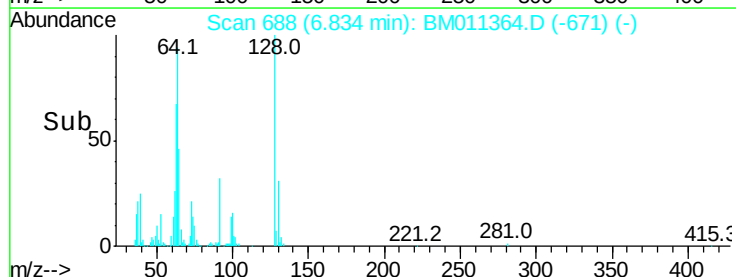
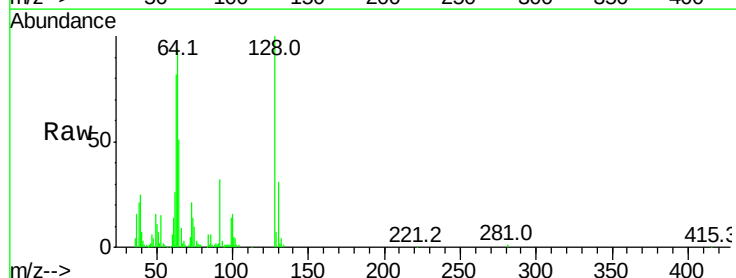
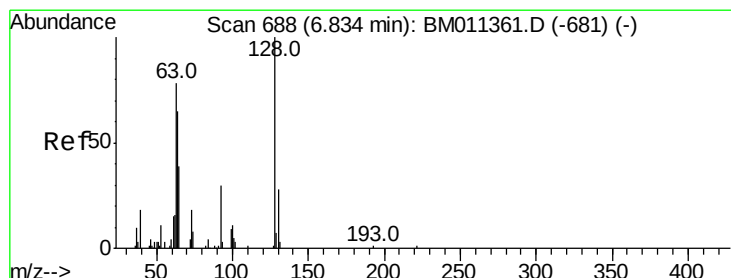
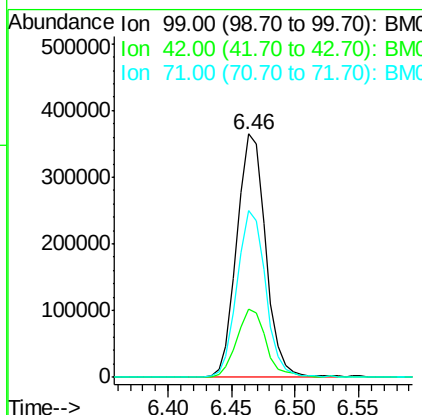
BNA_M

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#8

2-Chlorophenol

Concen: 89.461 ng

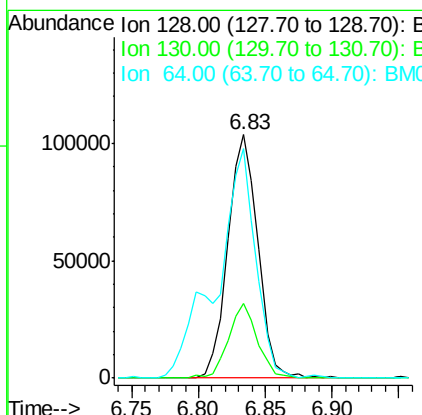
RT: 6.83 min Scan# 688

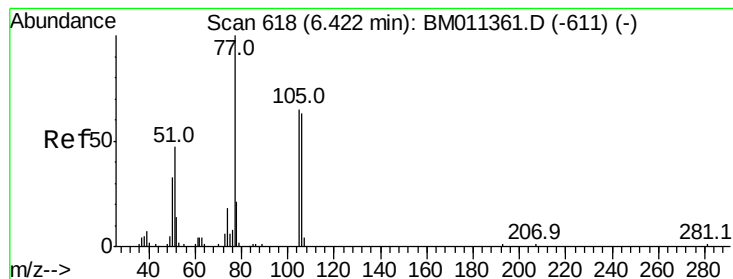
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	30.7	12.0	52.0	
64	94.3	24.9	64.9#	





#9

Benzaldehyde

Concen: 102.823 ng

RT: 6.42 min Scan# 618

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 170017
Ion Ratio Lower Upper

77 100

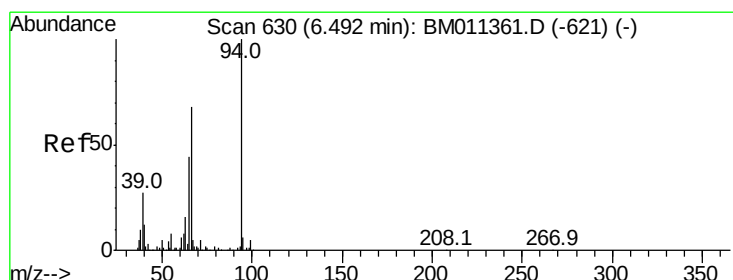
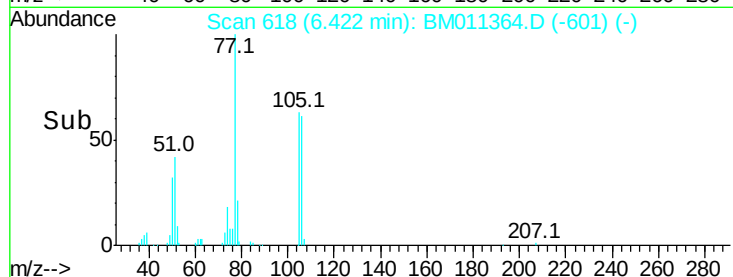
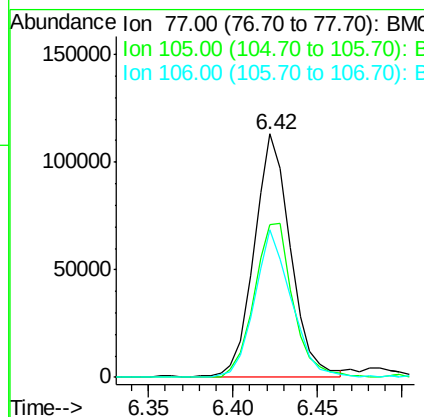
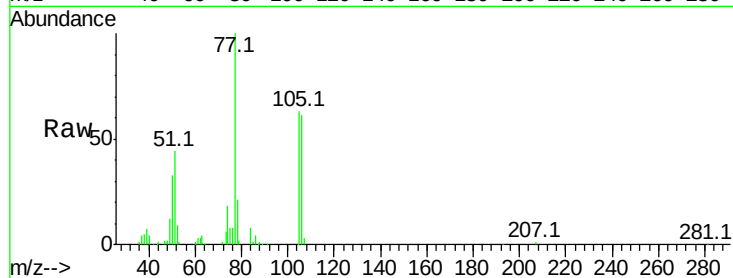
105 62.8 78.8 118.8#

106 60.7 73.7 113.7#

Manual Integrations
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#10

Phenol

Concen: 116.147 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011364.D

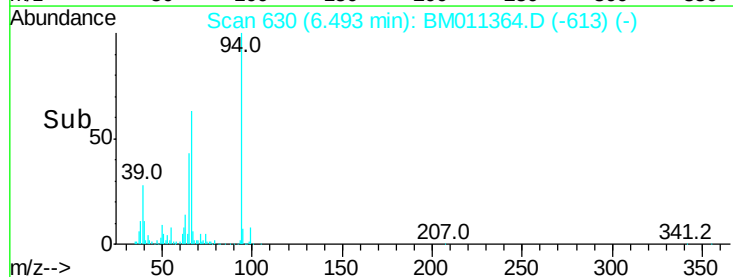
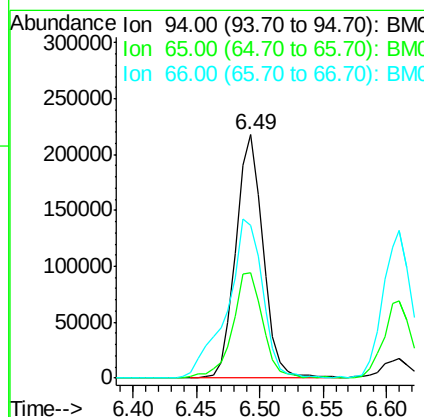
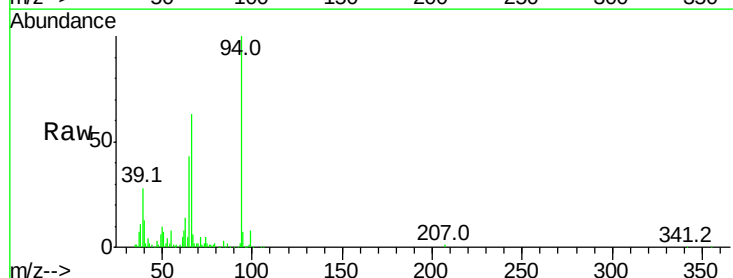
Acq: 28 Aug 2017 16:47

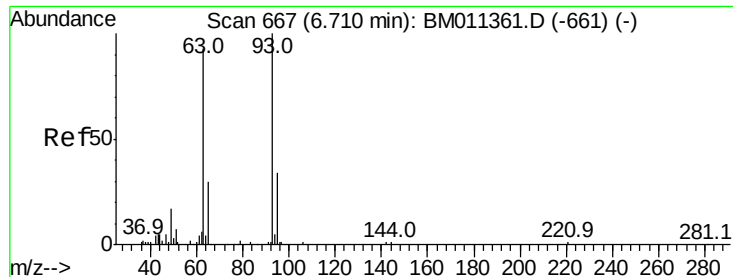
Tgt Ion: 94 Resp: 322392
Ion Ratio Lower Upper

94 100

65 43.1 18.8 58.8

66 62.9 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 102.064 ng

RT: 6.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

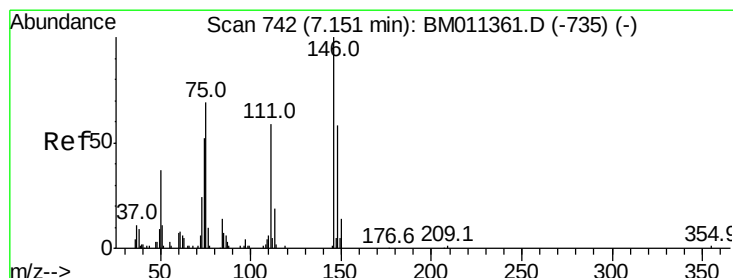
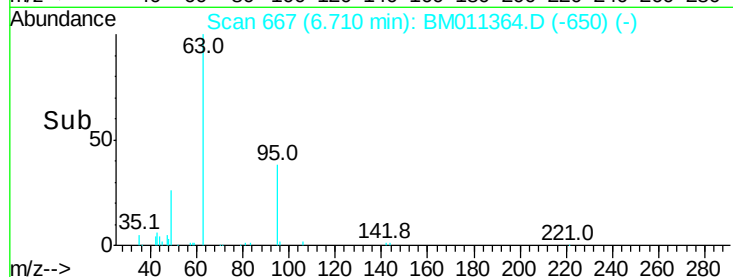
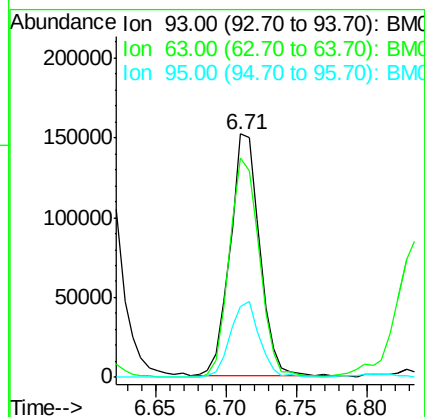
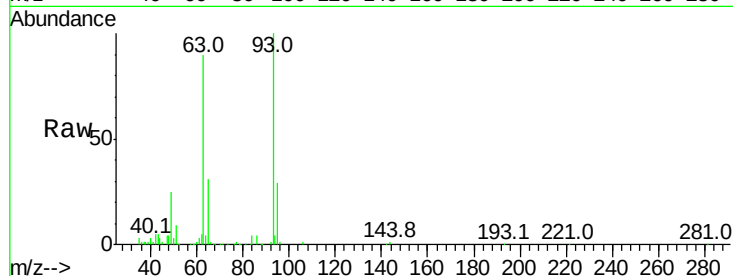
ClientSampleId :

SSTDIC080

Tot Ion:	93	Resp:	220741
Ion Ratio	Lower	Upper	
93	100		
63	90.2	49.5	89.5#
95	29.2	13.5	53.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 82.194 ng

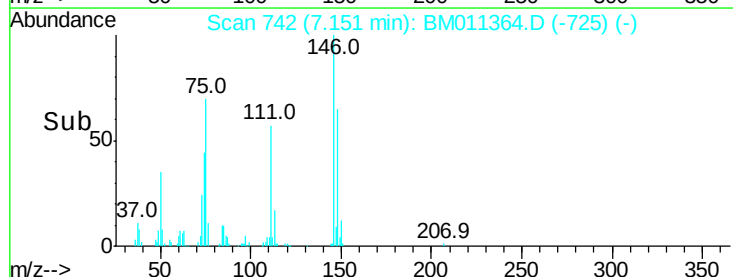
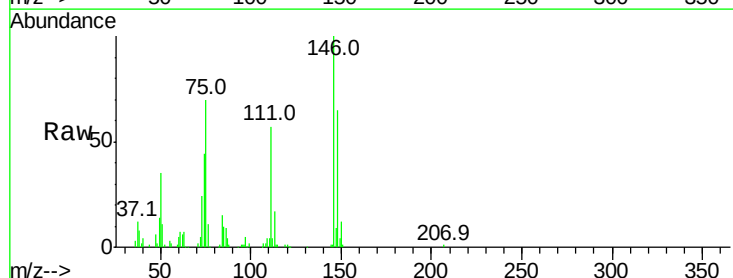
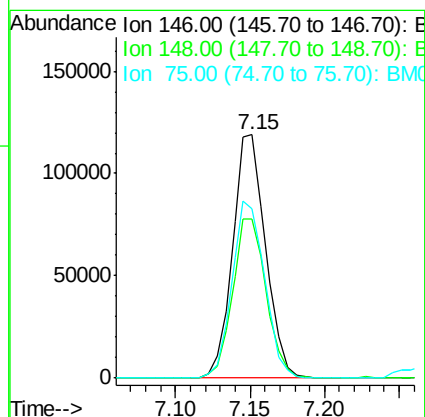
RT: 7.15 min Scan# 742

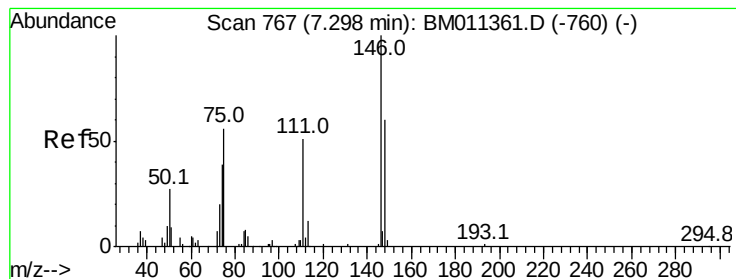
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion:	146	Resp:	182923
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.9	76.3
75	69.8	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 86.818 ng

RT: 7.30 min Scan# 767

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

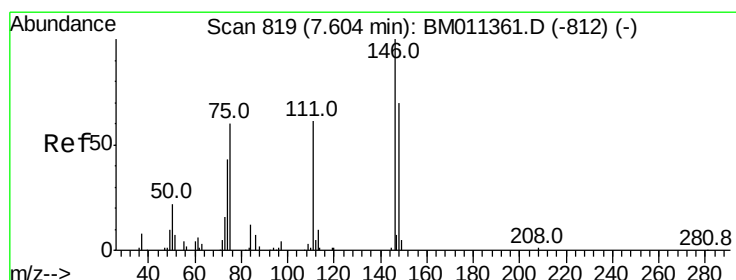
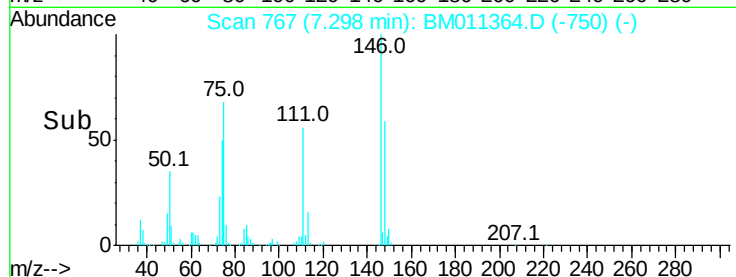
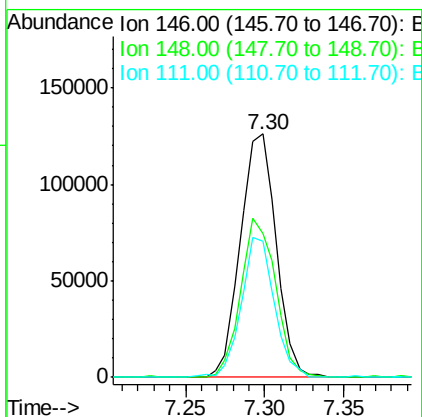
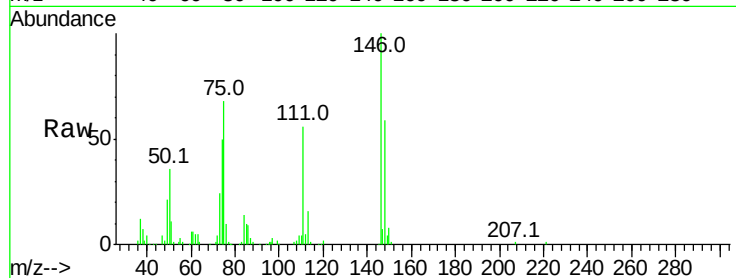
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198049		
148	59.2	51.9	77.9	
111	56.1	29.2	43.8	

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 87.023 ng

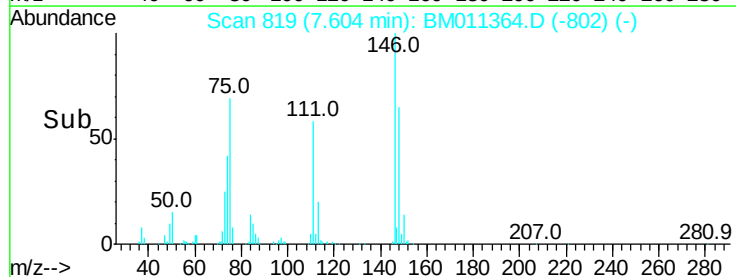
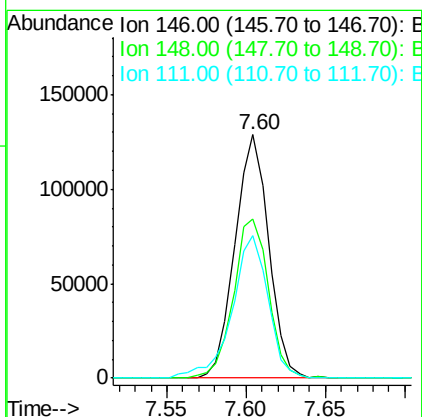
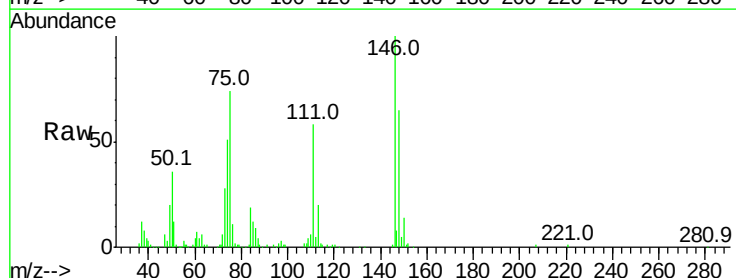
RT: 7.60 min Scan# 819

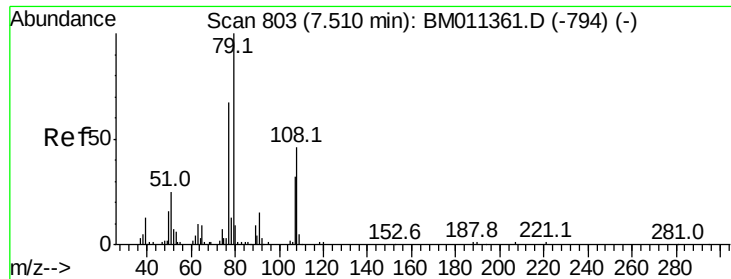
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189805		
148	65.1	52.3	78.5	
111	58.3	30.6	45.8	





#15

Benzyl Alcohol

Concen: 138.298 ng

RT: 7.51 min Scan# 803

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

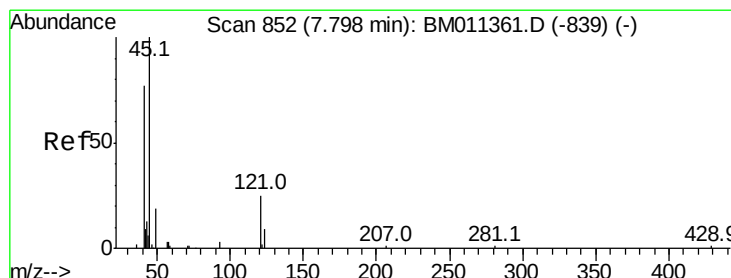
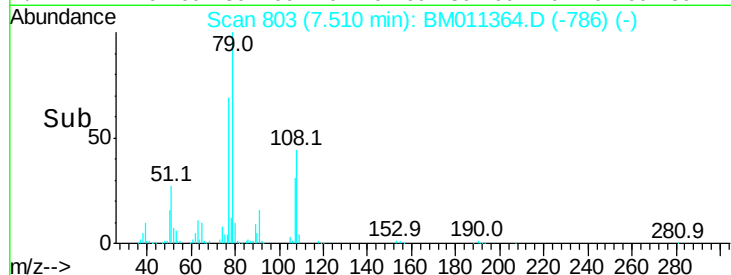
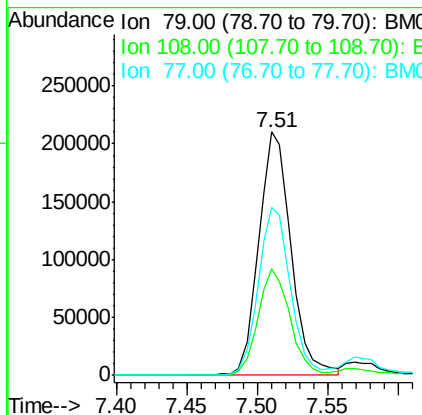
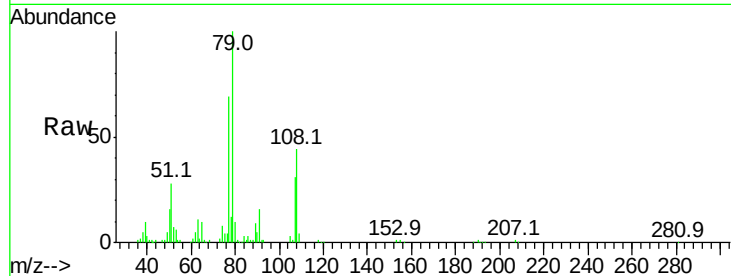
ClientSampled :

SSTDIC080

Tot Ion:	79	Resp:	339047
Ion Ratio	Lower	Upper	
79	100		
108	44.1	65.0	97.4#
77	69.2	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 122.549 ng

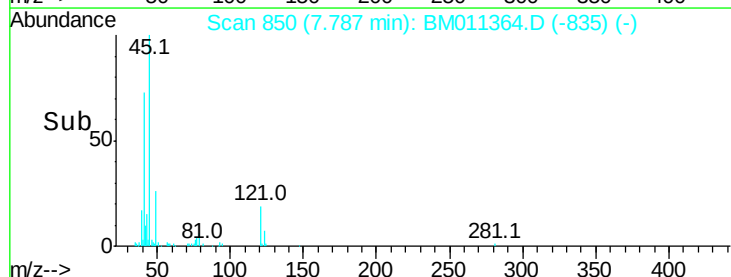
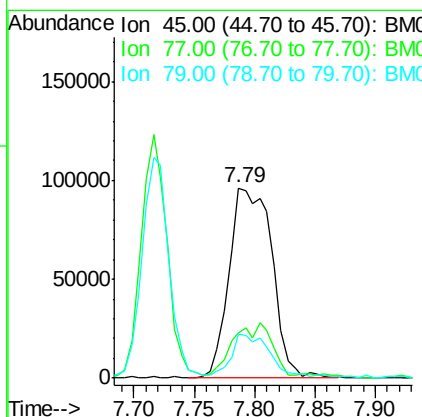
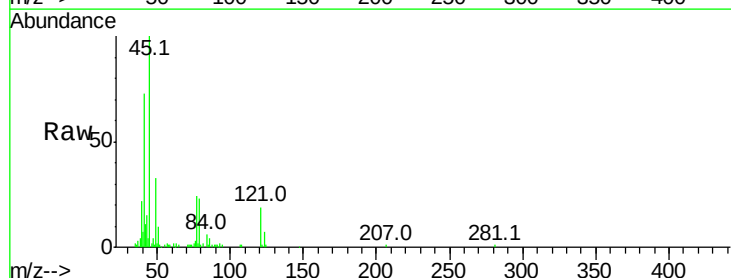
RT: 7.79 min Scan# 850

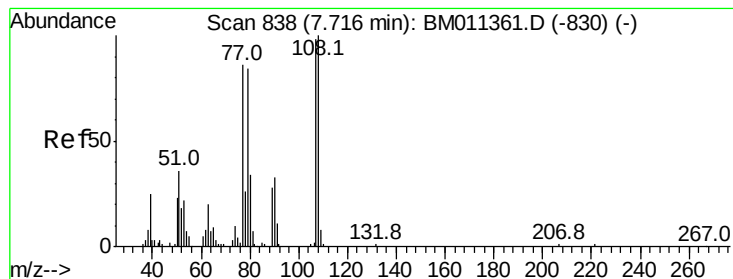
Delta R.T. -0.01 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion:	45	Resp:	238503
Ion Ratio	Lower	Upper	
45	100		
77	24.1	0.0	35.2
79	23.1	0.0	32.0





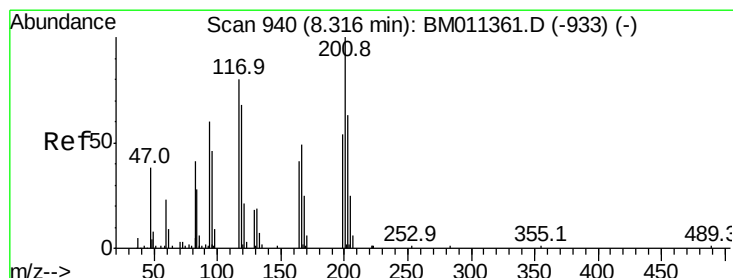
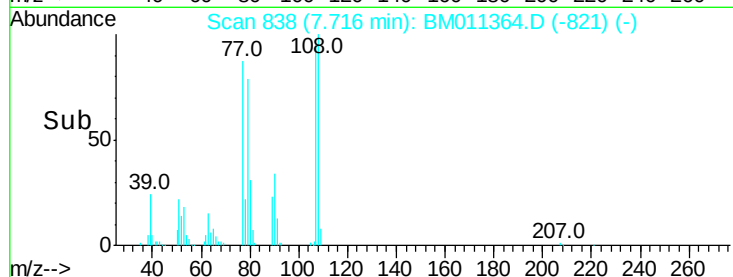
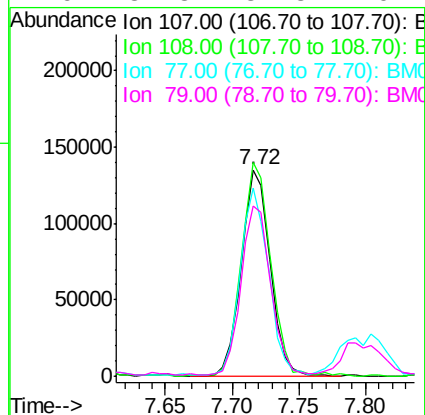
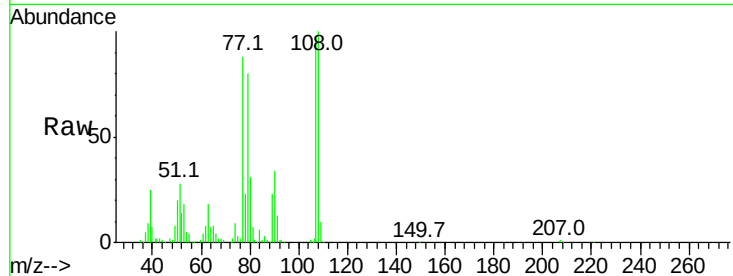
#17
2-Methylphenol
Concen: 114.068 ng
RT: 7.72 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	103.5	89.8	134.8
77	91.1	32.6	48.8#
79	82.8	32.8	49.2#

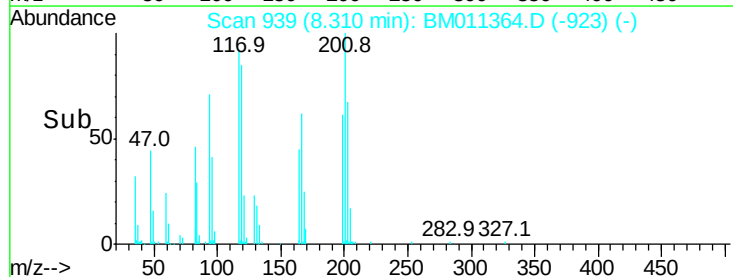
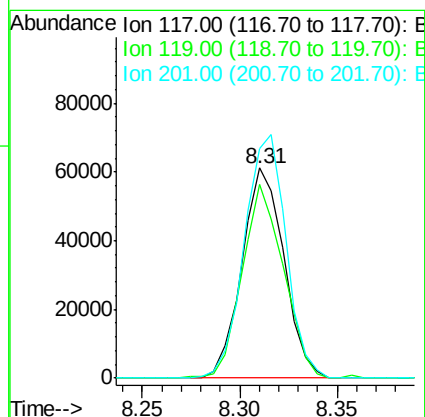
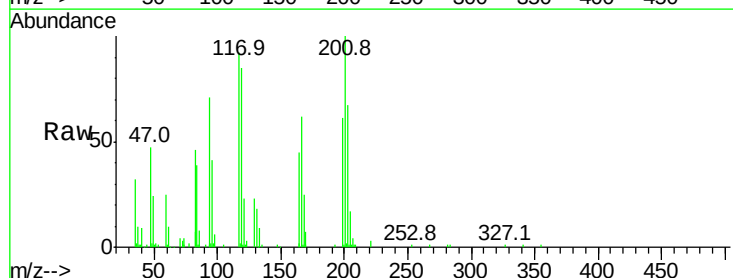
Manual Integrations
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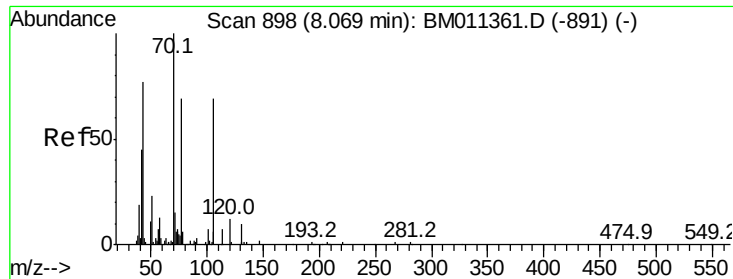
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#18
Hexachloroethane
Concen: 91.608 ng
RT: 8.31 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	92.4	79.2	118.8
201	109.2	69.8	104.6#





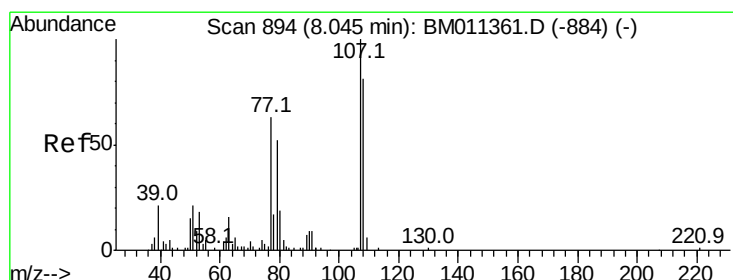
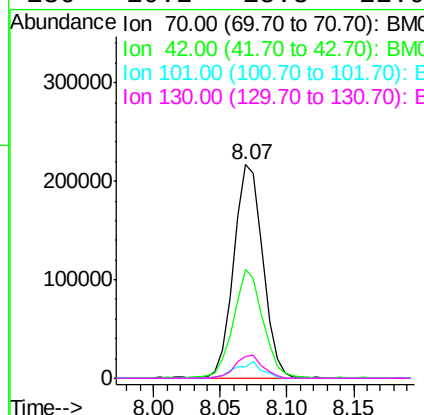
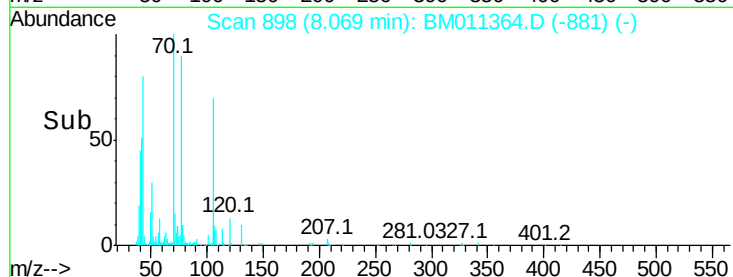
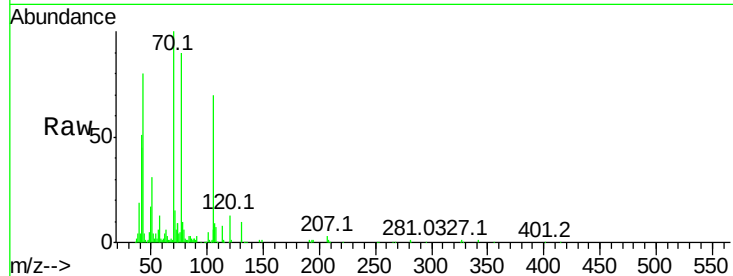
#19
n-Nitroso-di-n-propylamine
Concen: 152.087 ng
RT: 8.07 min Scan# 898
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		330280		
42	51.1	44.5	66.7		
101	5.3	7.4	11.2#		
130	10.2	15.3	22.9#		

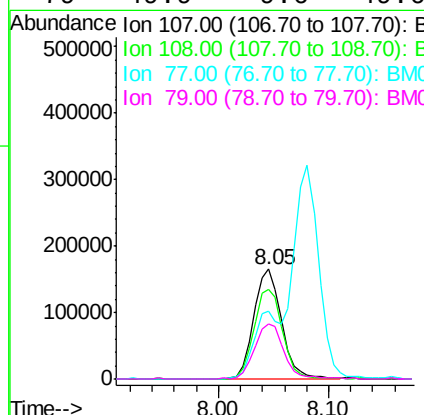
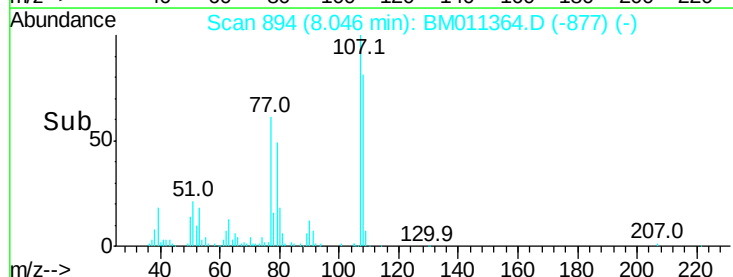
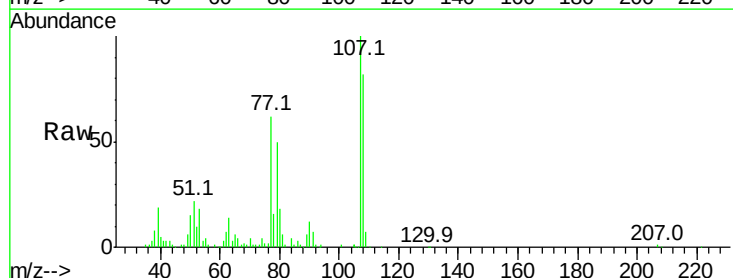
Manual Integrations
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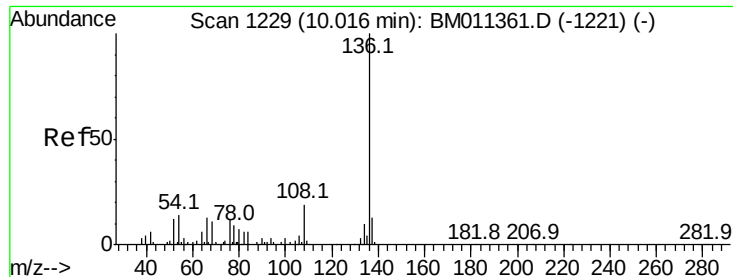
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#20
3+4-Methylphenols
Concen: 118.442 ng
RT: 8.05 min Scan# 894
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		292078		
108	82.0	73.2	113.2		
77	61.6	10.7	50.7#		
79	49.9	9.6	49.6#		





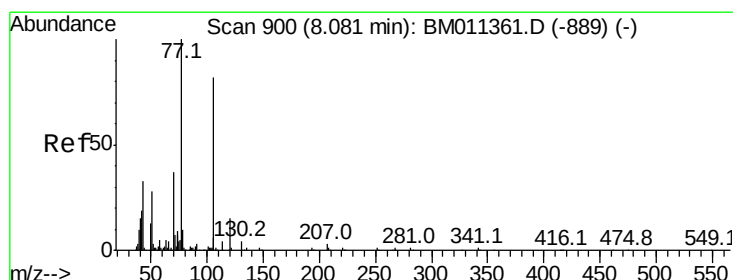
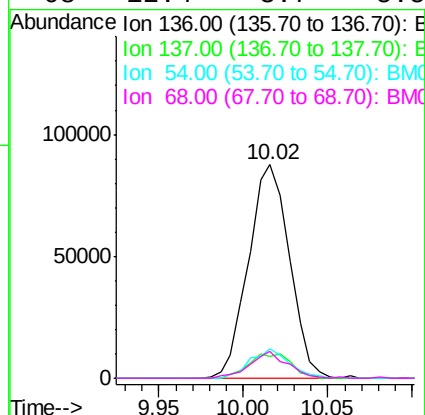
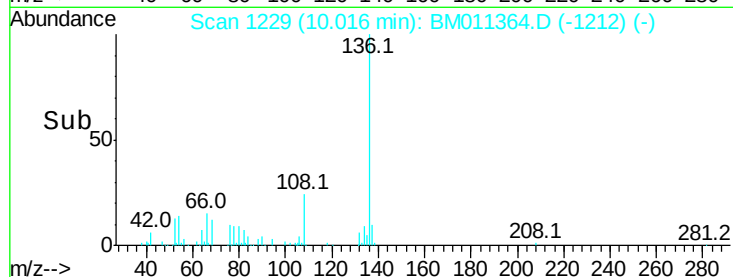
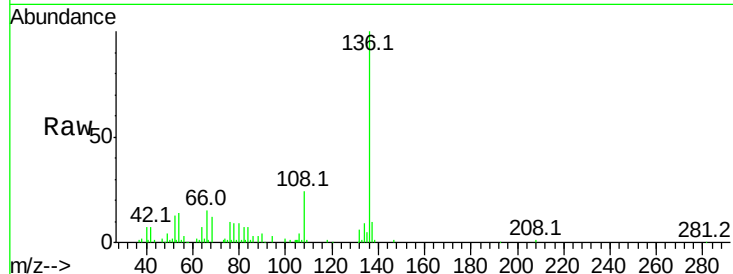
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.7	13.1	
54	13.6	4.6	6.8#	
68	12.4	3.7	5.5#	

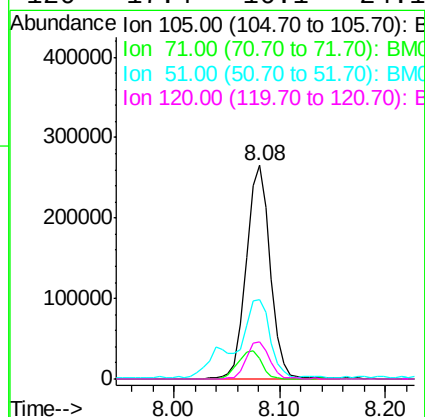
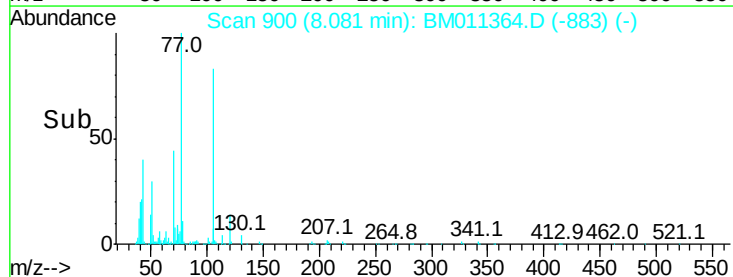
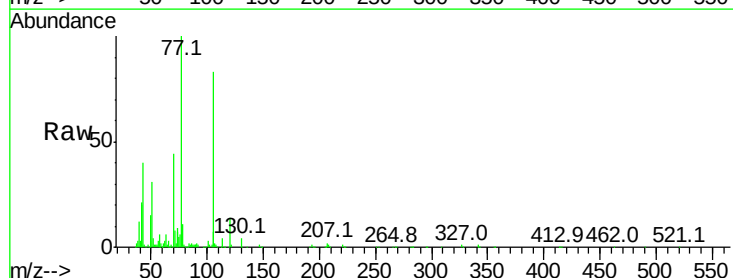
Manual Integrations
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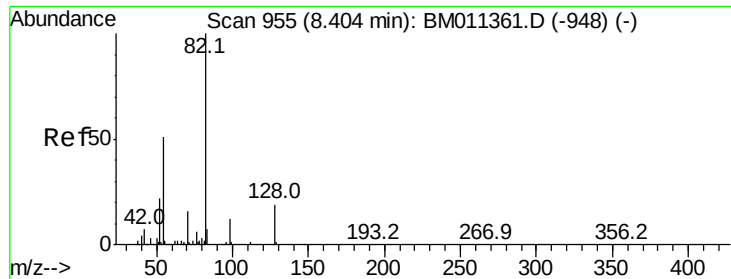
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#22
Acetophenone
Concen: 93.865 ng
RT: 8.08 min Scan# 900
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.5	0.6	1.0#	
51	37.5	21.6	32.4#	
120	17.4	16.1	24.1	





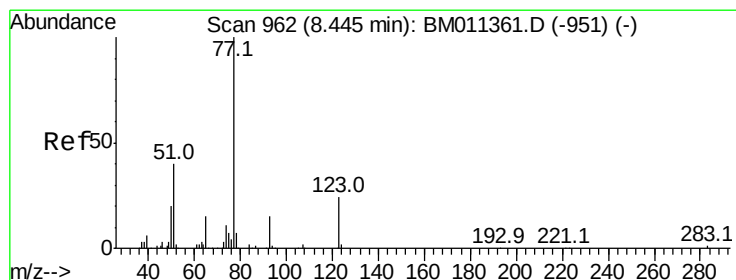
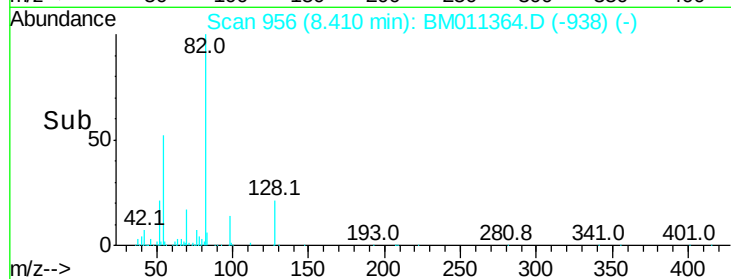
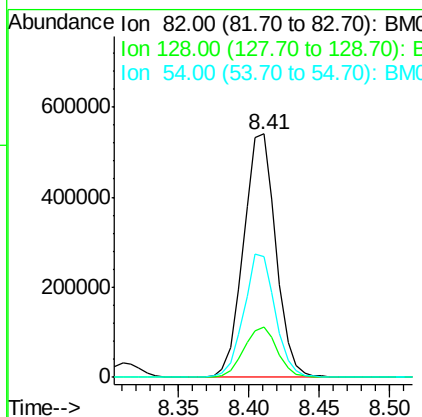
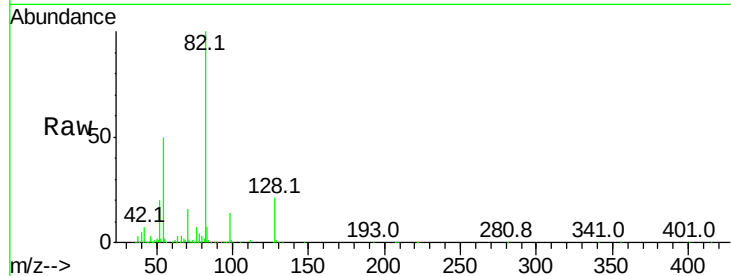
#23
Nitrobenzene-d5
Concen: 219.754 ng
RT: 8.41 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	20.5	32.8	49.2#	
54	49.8	40.6	60.8	

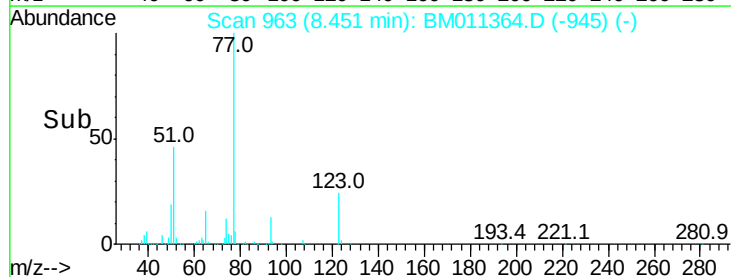
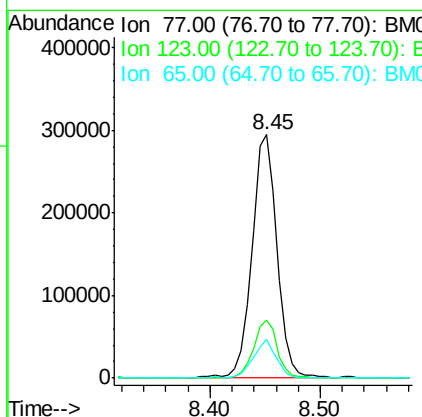
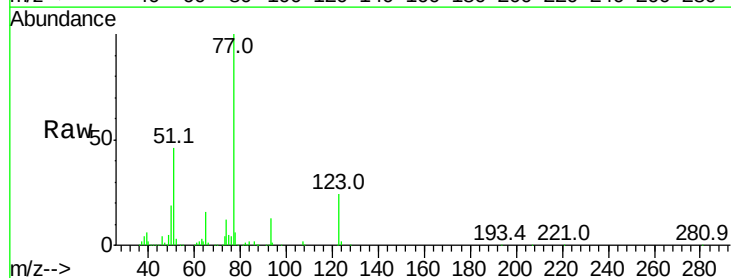
Manual Integrations
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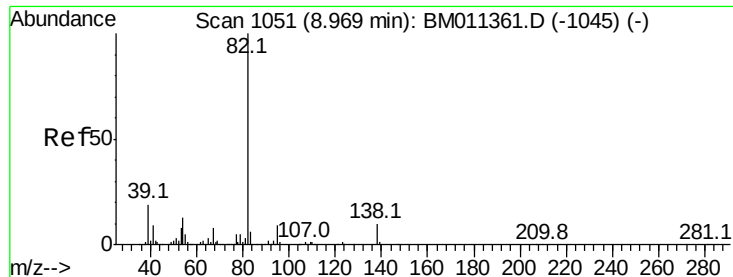
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#24
Nitrobenzene
Concen: 114.098 ng
RT: 8.45 min Scan# 963
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	23.8	32.6	49.0#	
65	15.8	10.9	16.3	





#25

Isophorone

Concen: 114.020 ng

RT: 8.97 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

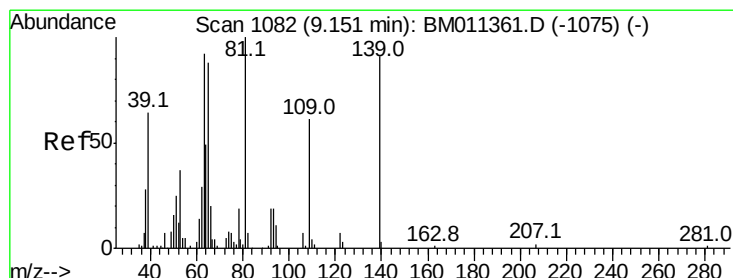
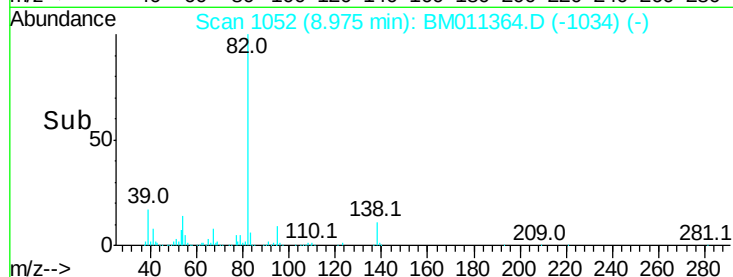
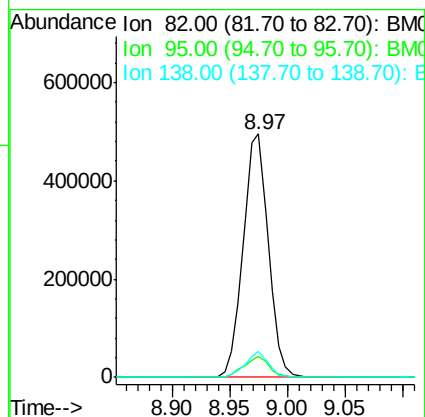
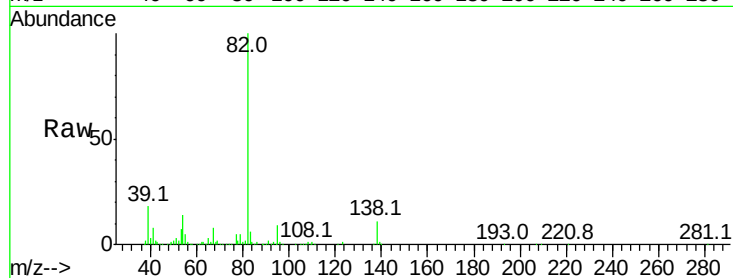
ClientSampleId :

SSTDICC080

Tot Ion	82	Resp	751367
Ion Ratio	Lower	Upper	
82	100		
95	8.7	5.8	8.6#
138	10.5	16.3	24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 92.314 ng

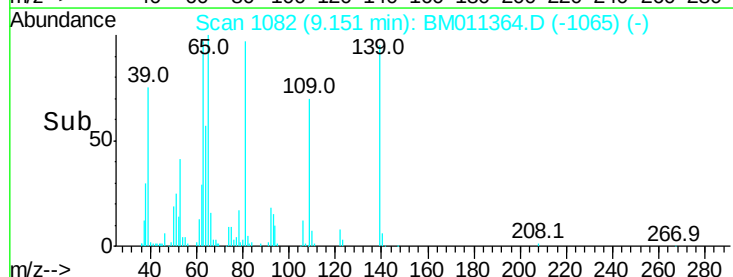
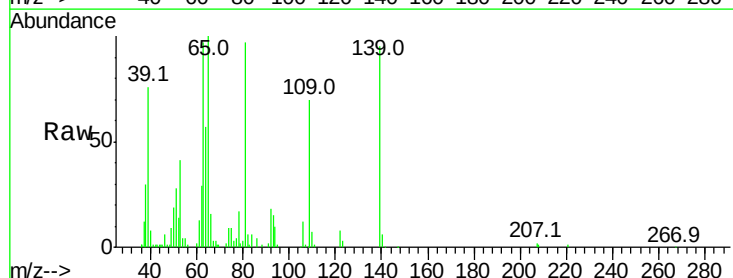
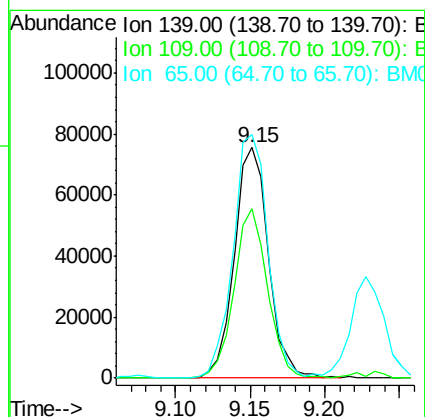
RT: 9.15 min Scan# 1082

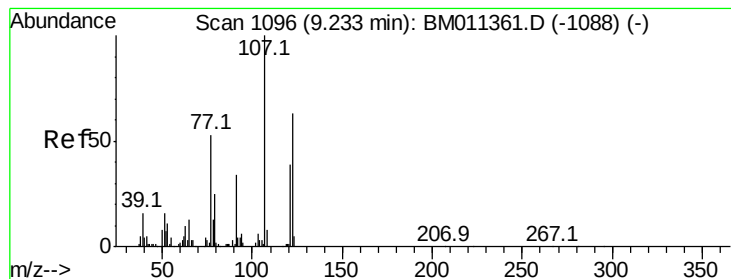
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion	139	Resp	120298
Ion Ratio	Lower	Upper	
139	100		
109	73.7	20.1	30.1#
65	105.7	31.5	47.3#





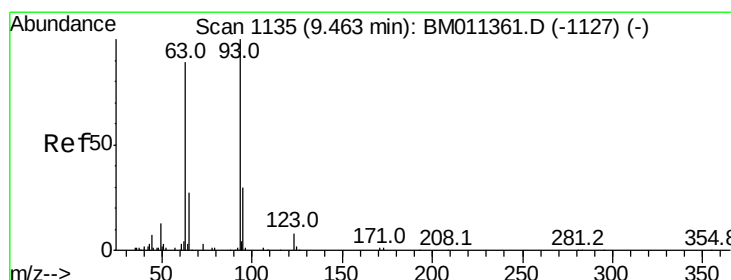
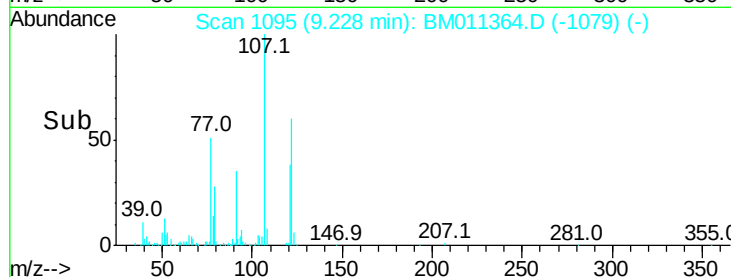
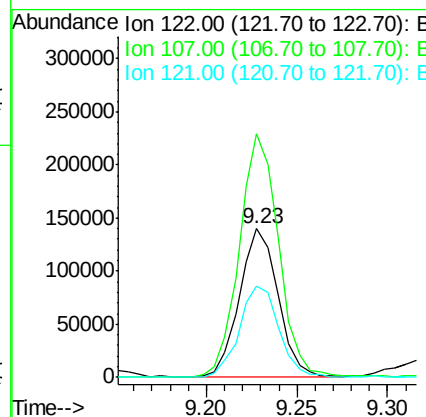
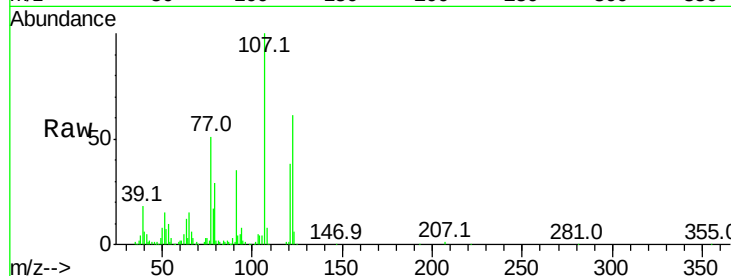
#27
2,4-Dimethylphenol
Concen: 90.857 ng
RT: 9.23 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	163.6	84.7	127.1#
121	61.7	46.6	69.8

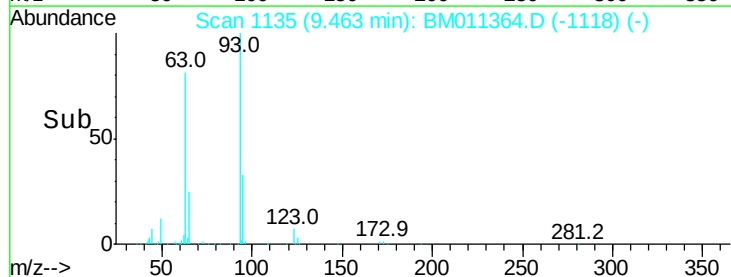
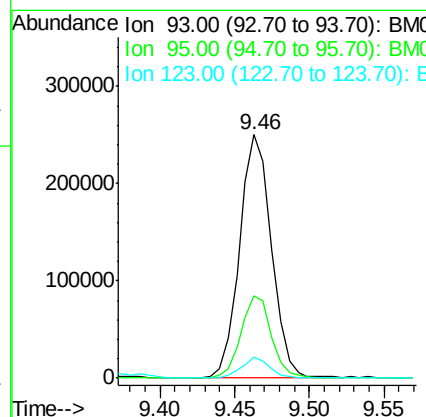
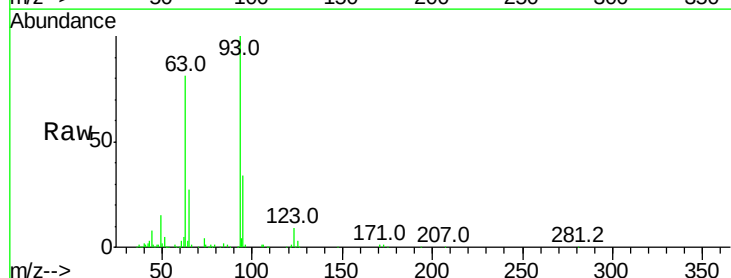
Manual Integrations
APPROVED

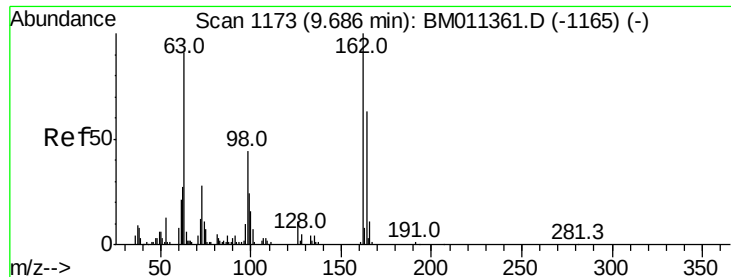
Sohil
8/29/2017 6:00:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 101.141 ng
RT: 9.46 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	8.6	8.6	13.0#





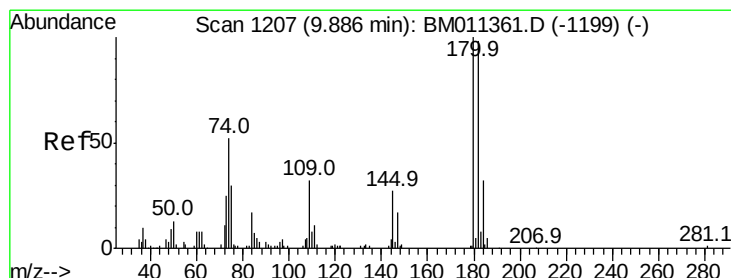
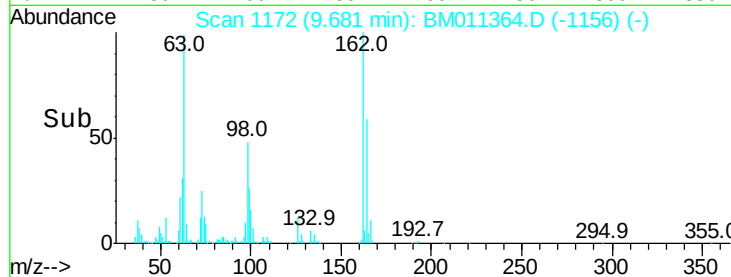
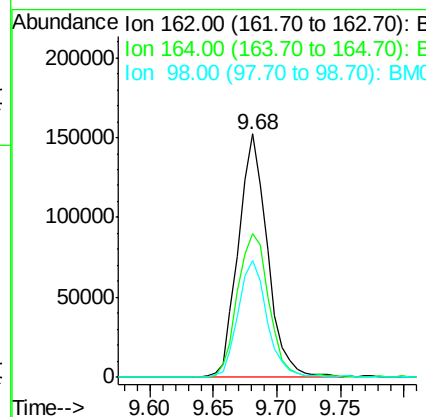
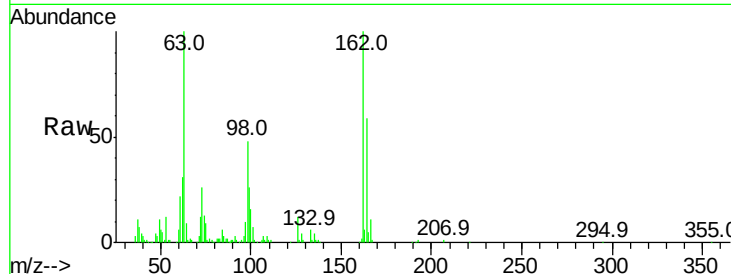
#29
2,4-Dichlorophenol
Concen: 94.008 ng
RT: 9.68 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	242333		
164	59.1	42.8	82.8	
98	47.8	14.5	54.5	

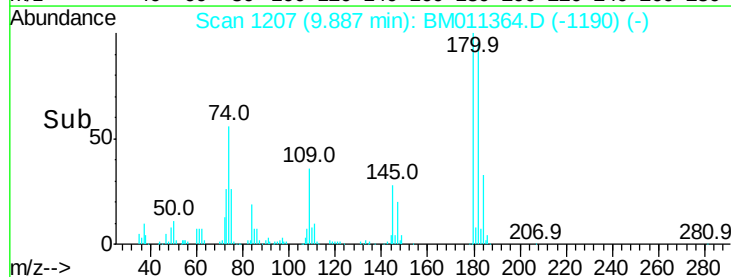
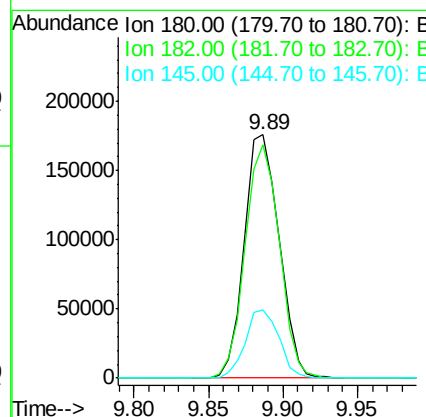
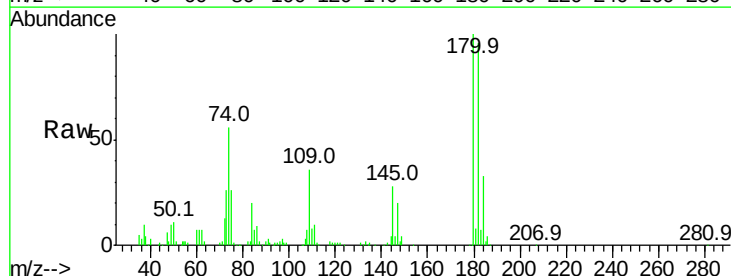
Manual Integrations
APPROVED

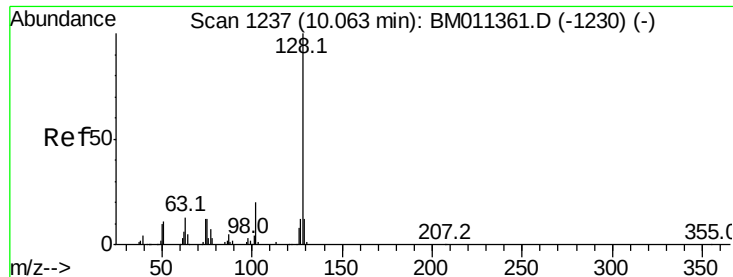
Sohil
8/29/2017 6:00:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 89.605 ng
RT: 9.89 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285601		
182	95.7	77.6	116.4	
145	27.8	23.4	35.2	





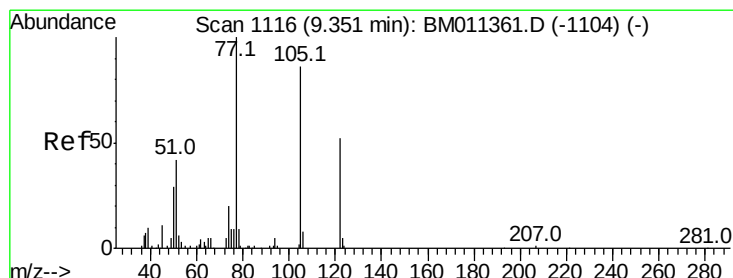
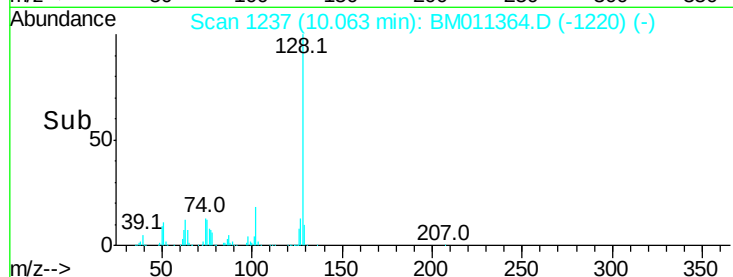
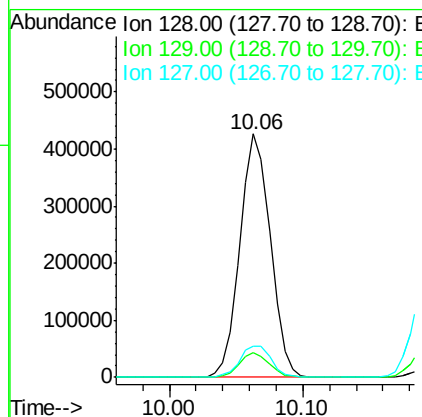
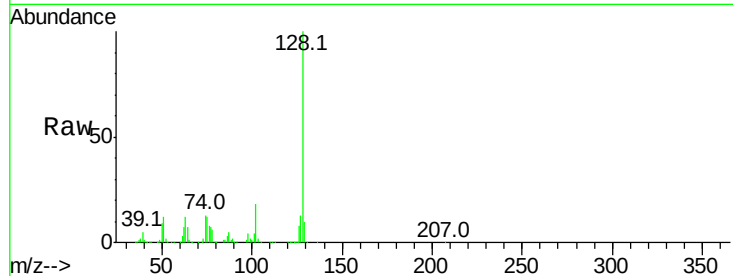
#31
Naphthalene
Concen: 90.322 ng
RT: 10.06 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
128	100	674010		
129	10.1		8.9	13.3
127	12.8		10.4	15.6

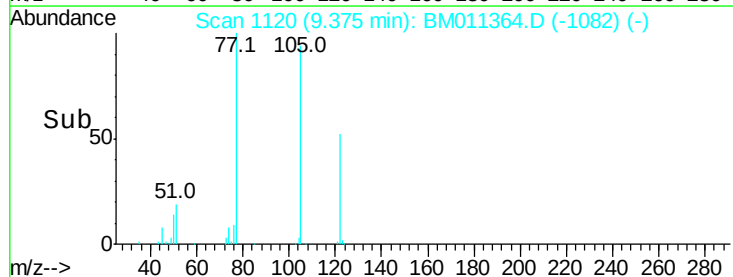
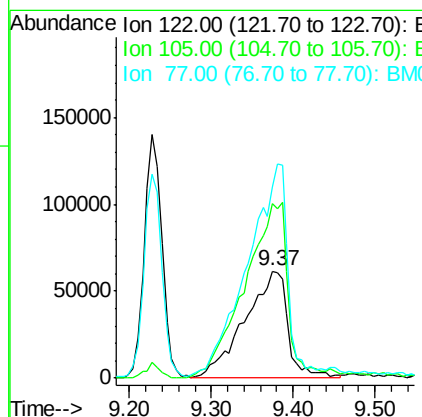
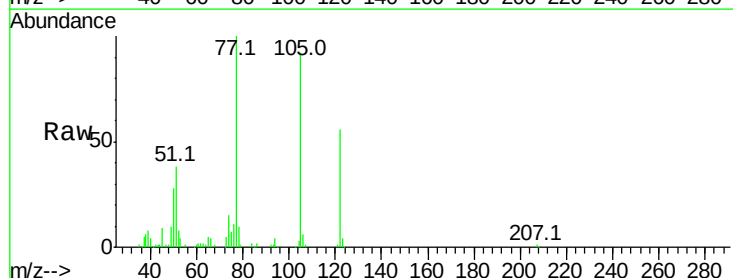
Manual Integrations
APPROVED

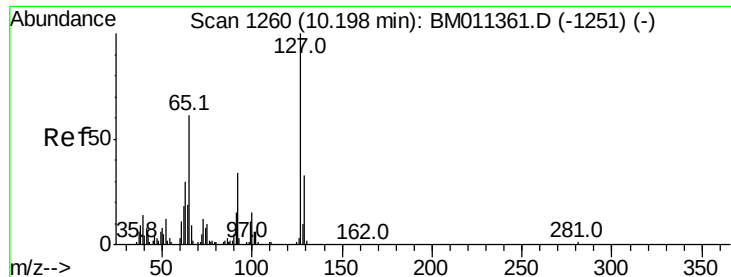
Sohil
8/29/2017 6:00:38 PM



#32
Benzoic acid
Concen: 119.790 ng
RT: 9.37 min Scan# 1120
Delta R.T. 0.02 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	220884		
105	163.9		99.9	139.9#
77	179.0		73.7	113.7#





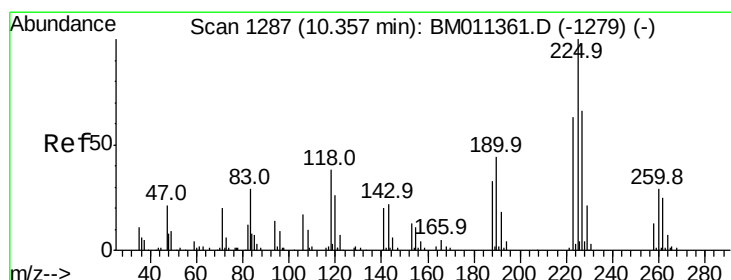
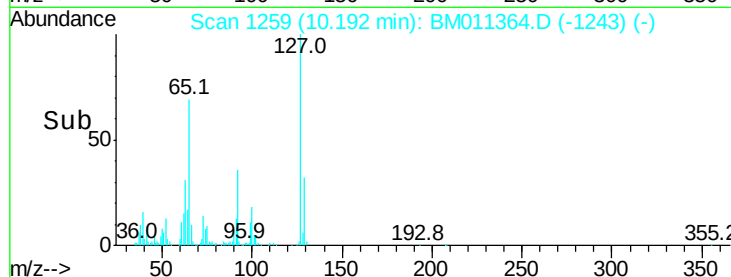
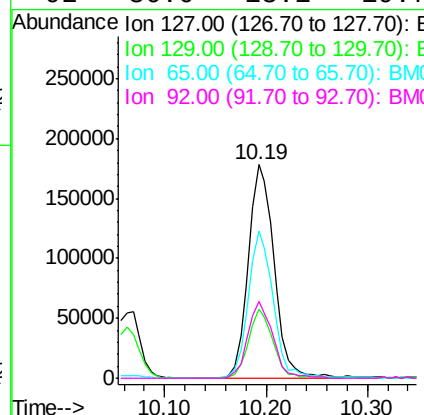
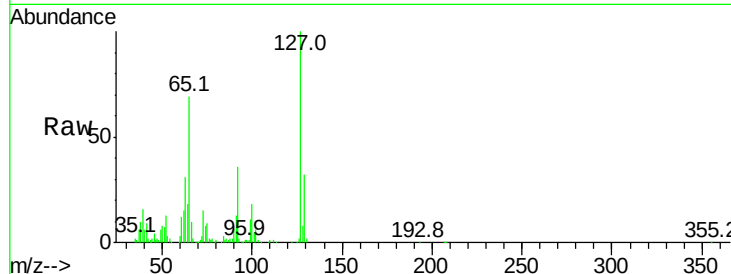
#33
4-Chloroaniline
Concen: 106.168 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.3	37.9	
65	69.0	17.6	26.4	
92	36.0	13.1	19.7	

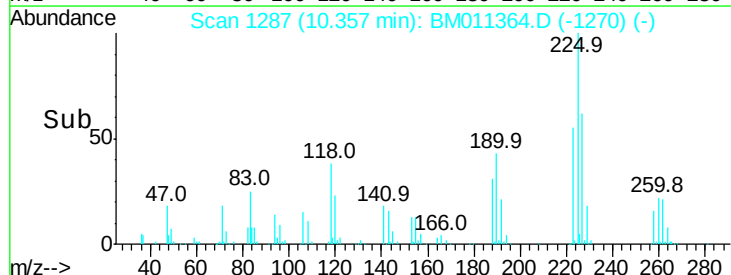
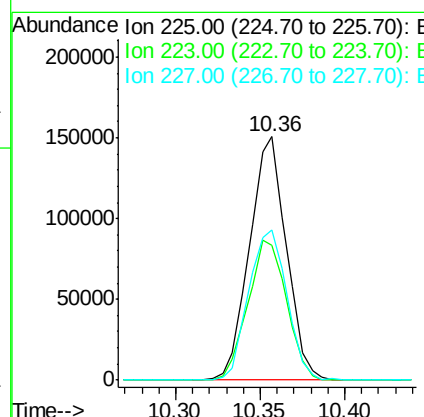
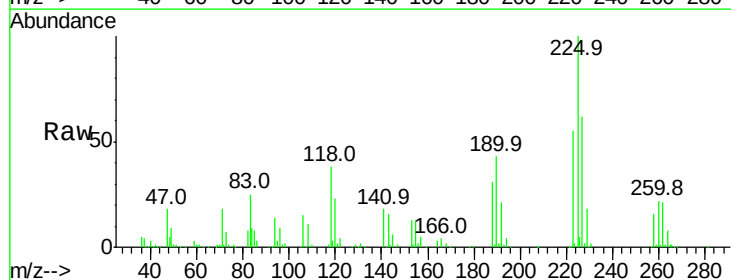
Manual Integrations
APPROVED

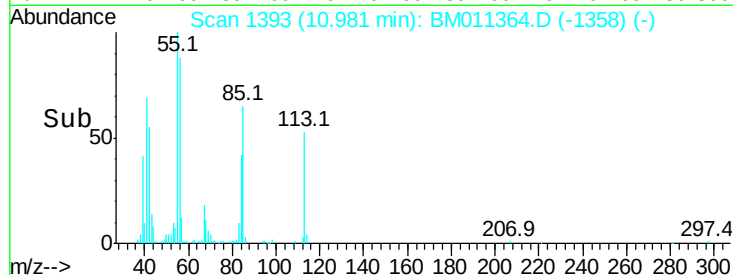
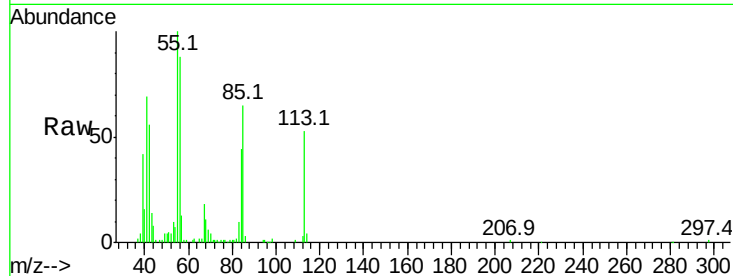
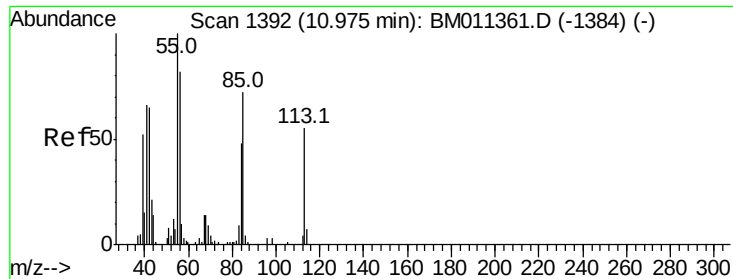
Sohil
8/29/2017 6:00:38 PM



#34
Hexachlorobutadiene
Concen: 91.099 ng
RT: 10.36 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.3	47.9	71.9	
227	61.5	50.1	75.1	





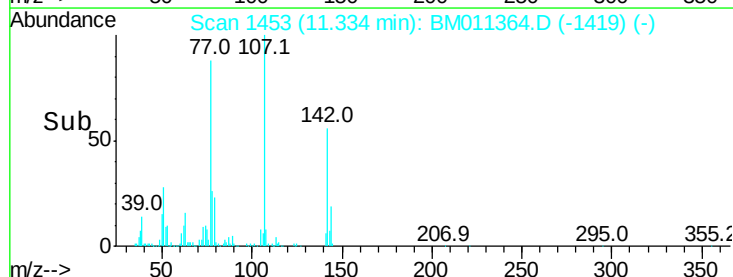
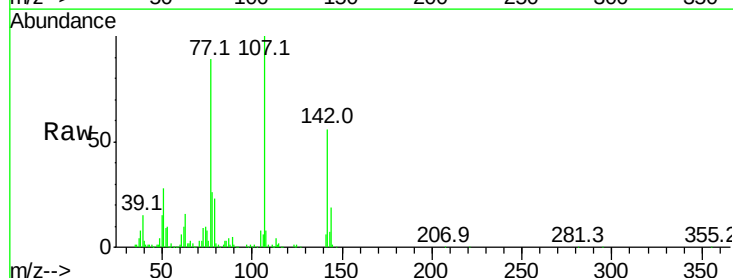
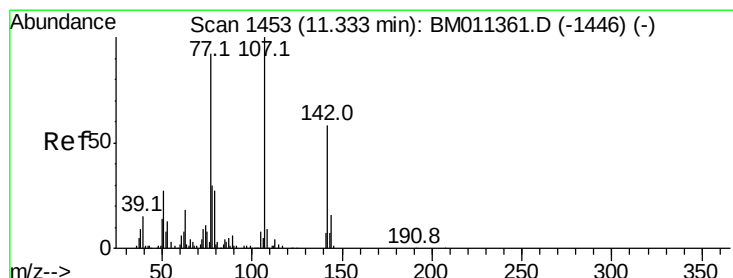
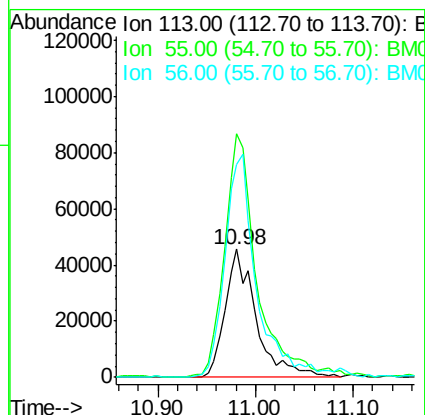
#35
Caprolactam
Concen: 137.858 ng
RT: 10.98 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	190.2	145.9	185.9#	
56	166.6	101.0	141.0#	

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

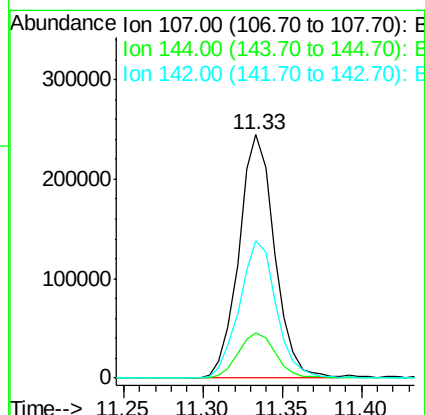
Manual Integrations
APPROVED

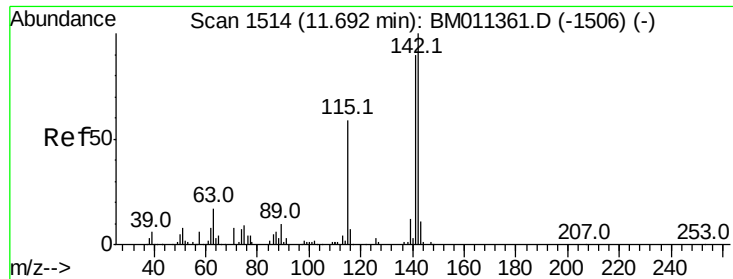
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 115.130 ng
RT: 11.33 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	18.6	23.3	34.9#	
142	56.3	72.6	109.0#	





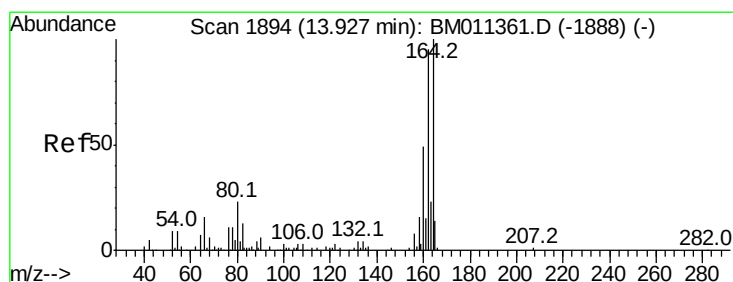
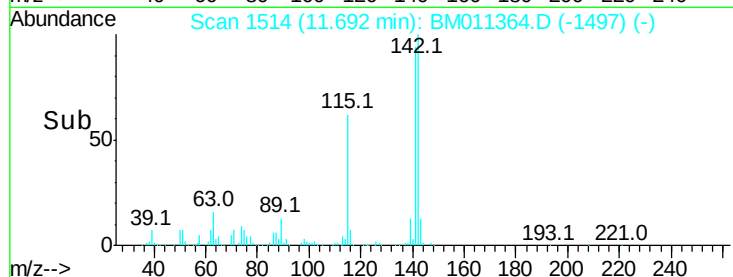
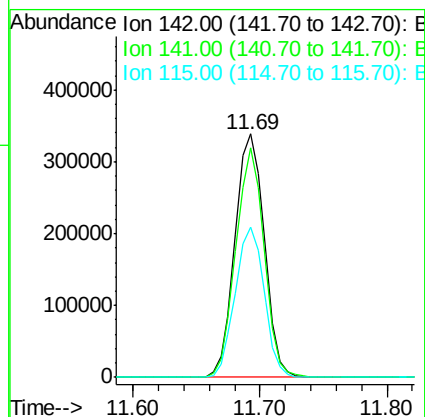
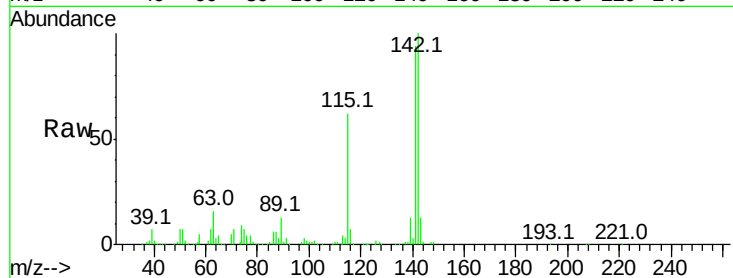
#37
2-Methylnaphthalene
Concen: 98.894 ng
RT: 11.69 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
142	100	542129		
141	94.2	71.9	107.9	
115	61.5	25.4	38.0	

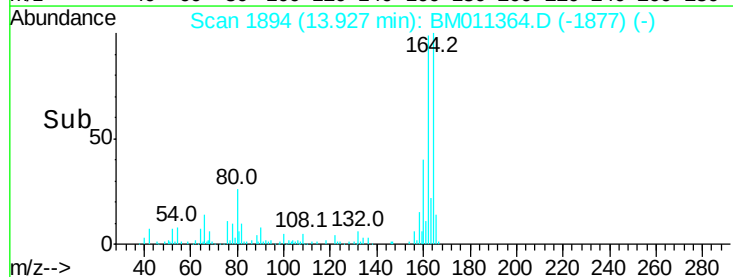
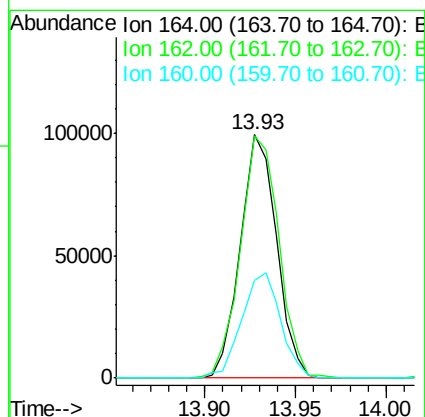
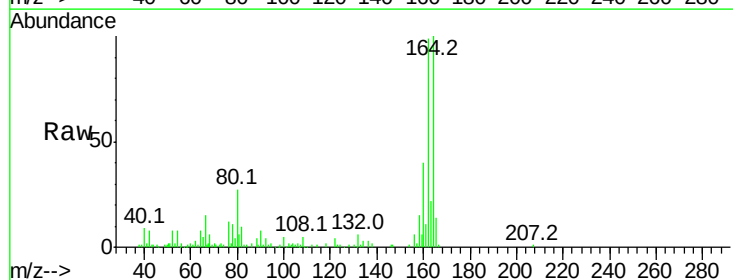
Manual Integrations
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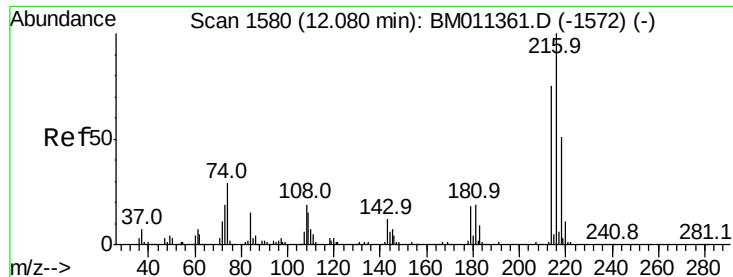
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.93 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138772		
162	99.5	82.4	123.6	
160	40.2	35.8	53.6	





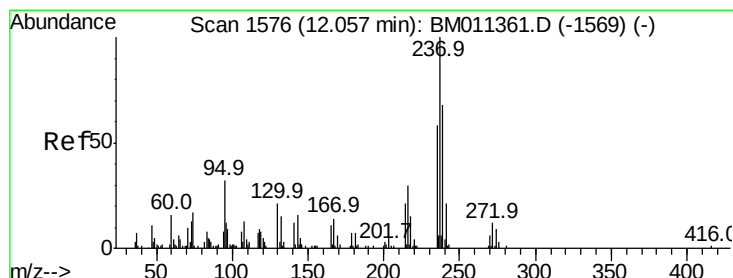
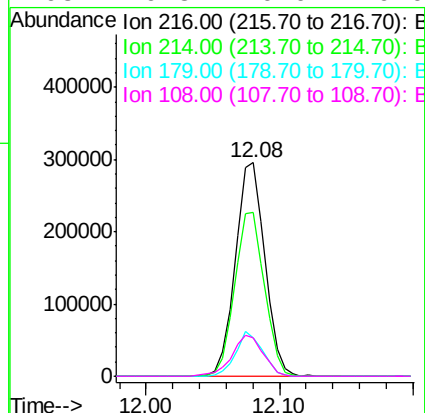
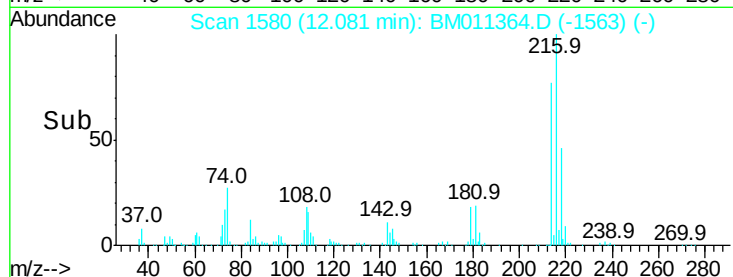
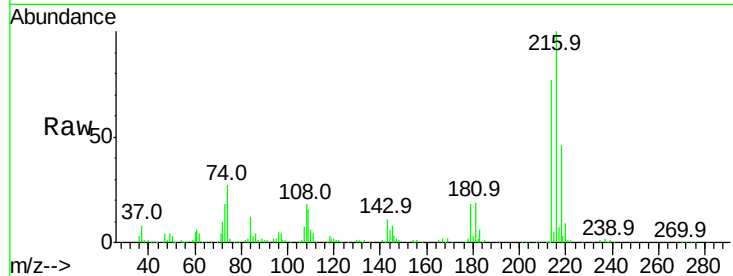
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 75.954 ng
 RT: 12.08 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.6	0.0	0.0#
179	19.4	0.0	0.0#
108	20.8	0.0	0.0#

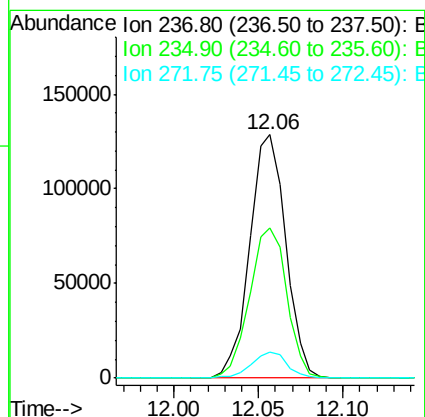
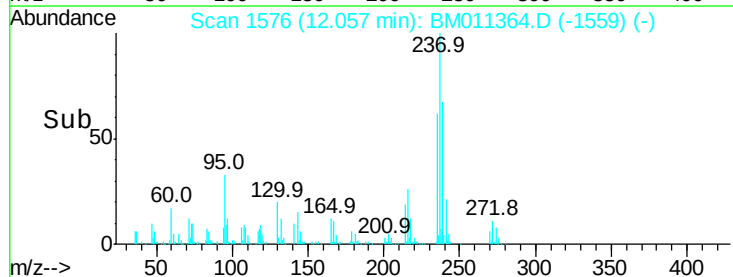
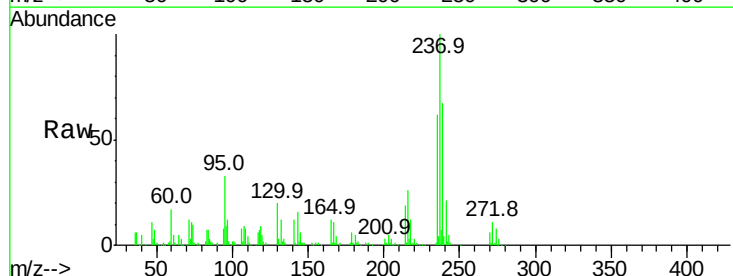
Manual Integrations
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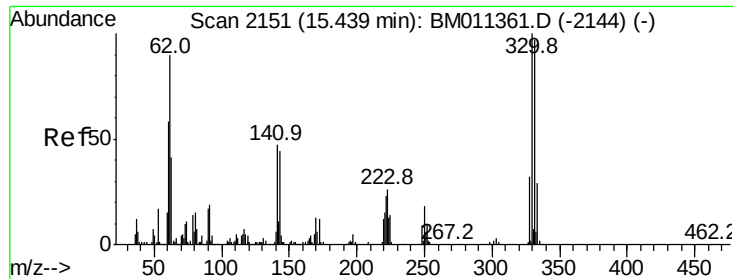
Sohil
 8/29/2017 6:00:38 PM



#40
 Hexachlorocyclopentadiene
 Concen: 55.068 ng
 RT: 12.06 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	42.0	82.0
272	10.5	0.0	33.4





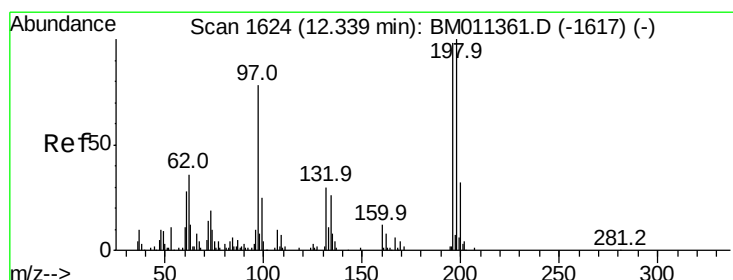
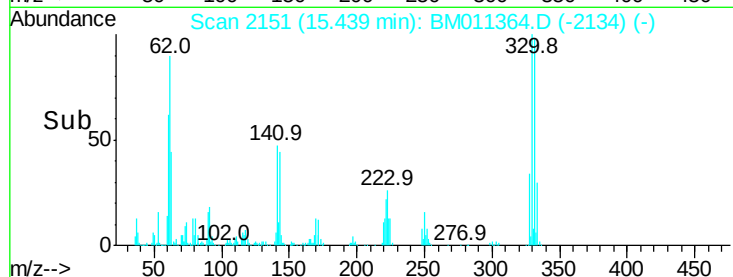
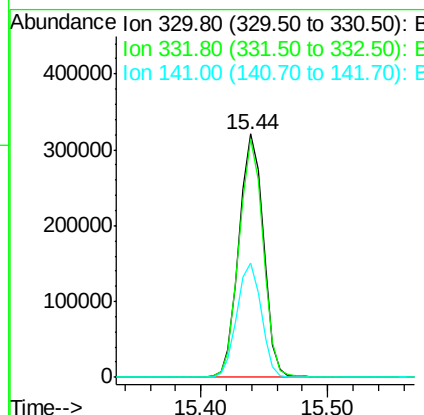
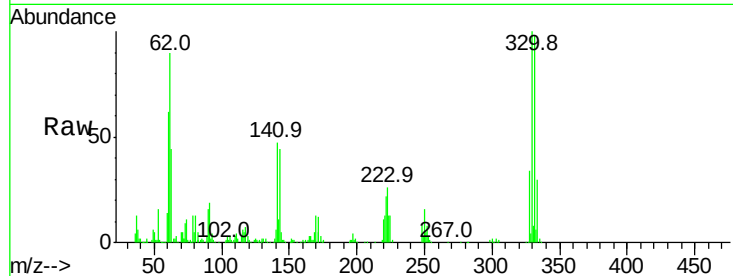
#41
 2,4,6-Tribromophenol
 Concen: 192.704 ng
 RT: 15.44 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	0.0	0.0	0.0
141	46.7	0.0	0.0	0.0

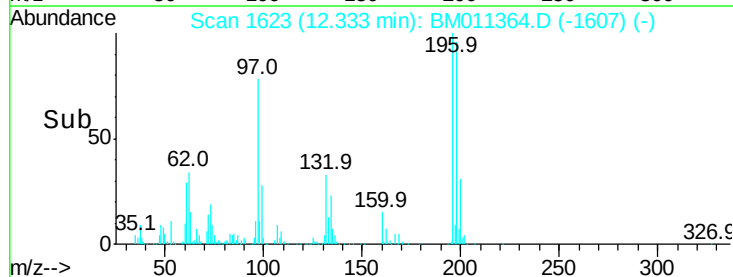
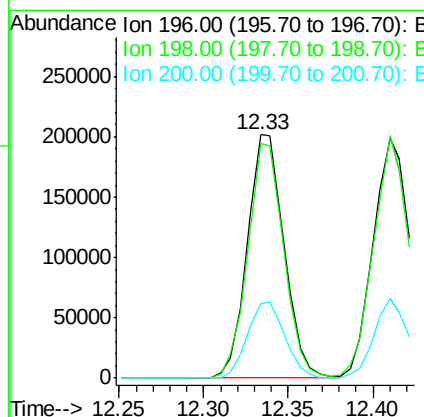
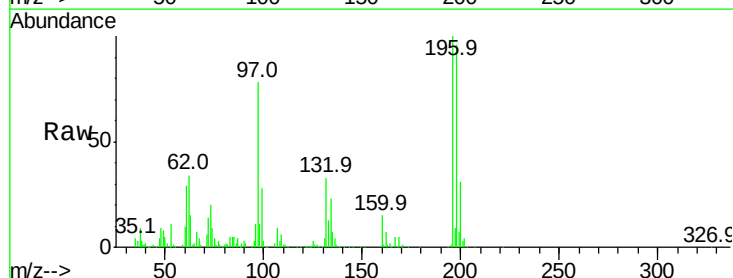
Manual Integrations
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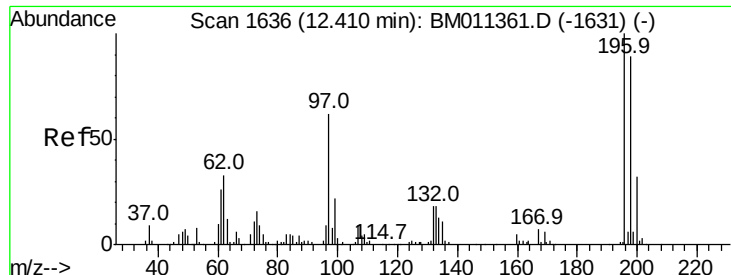
Sohil
 8/29/2017 6:00:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 84.680 ng
 RT: 12.33 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	76.3	114.5	
200	30.8	25.6	38.4	





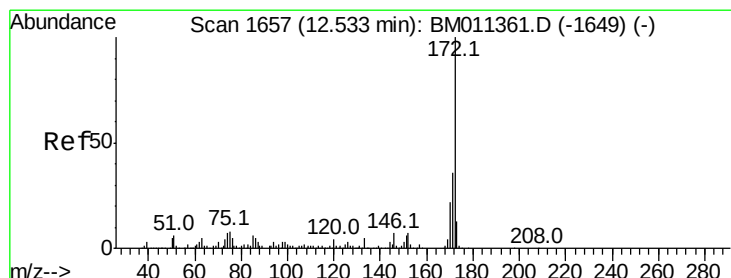
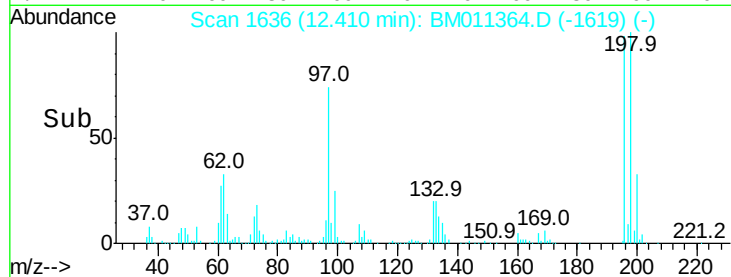
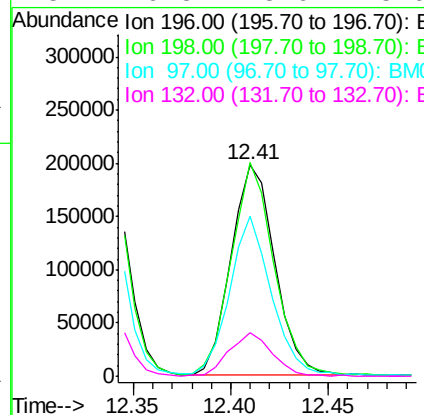
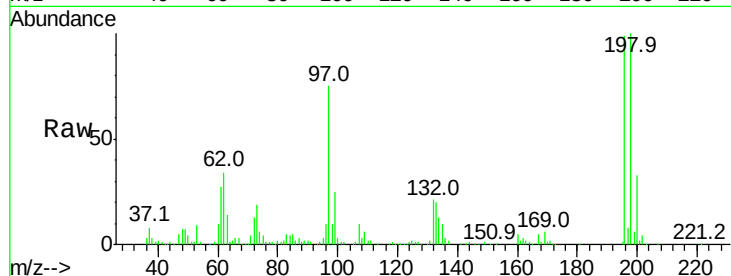
#43
2,4,5-Trichlorophenol
Concen: 82.865 ng
RT: 12.41 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	79.4	119.0	
97	75.8	26.8	40.2	
132	20.8	18.6	28.0	

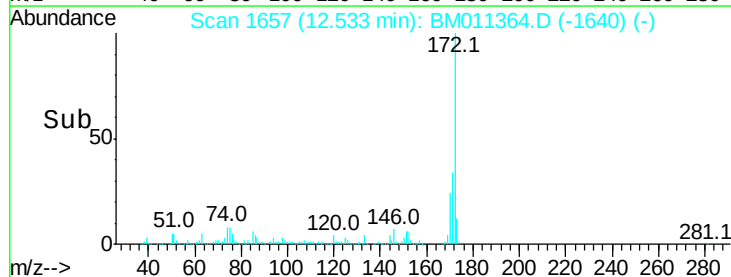
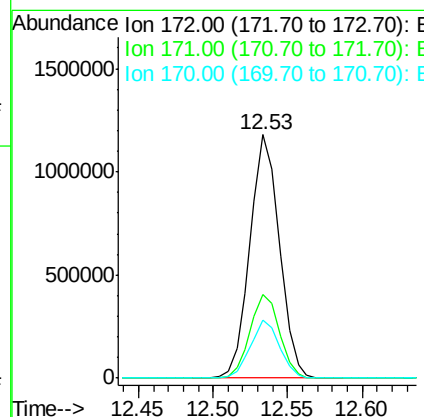
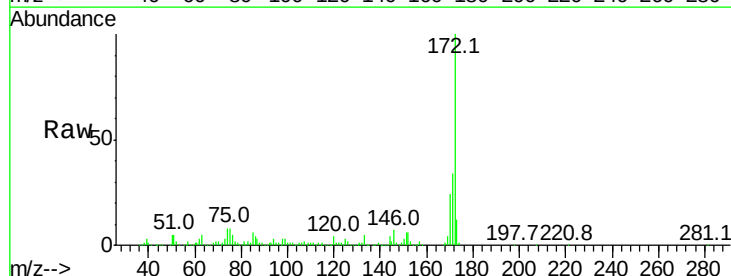
Manual Integrations
APPROVED

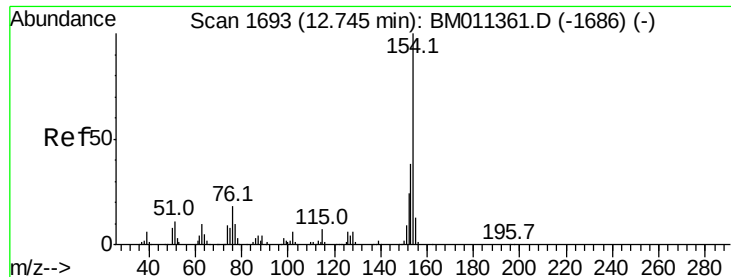
Sohil
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#44
2-Fluorobiphenyl
Concen: 145.163 ng
RT: 12.53 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.2	28.5	42.7	
170	24.0	18.8	28.2	





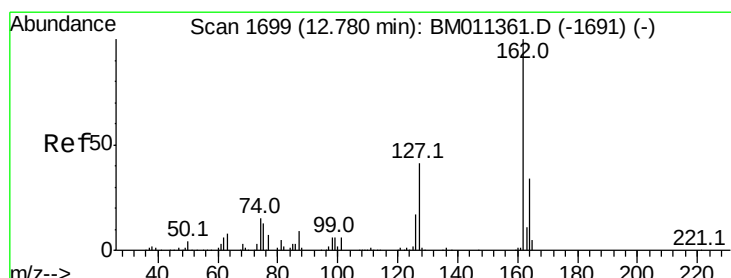
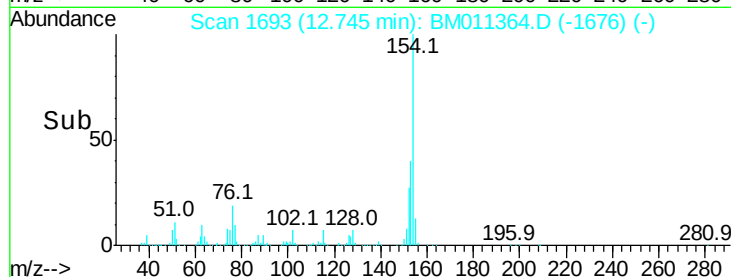
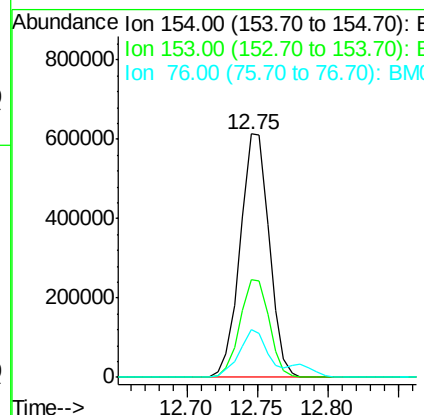
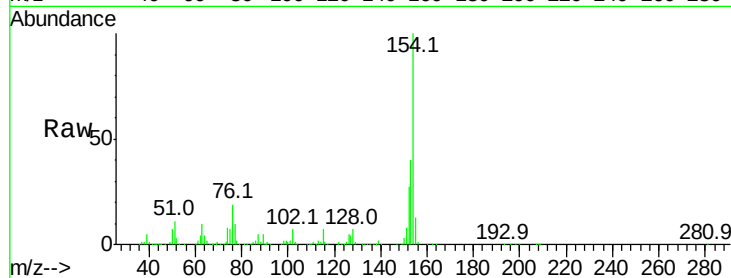
#45
 1,1'-Biphenyl
 Concen: 73.674 ng
 RT: 12.75 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	19.4	0.0	30.9

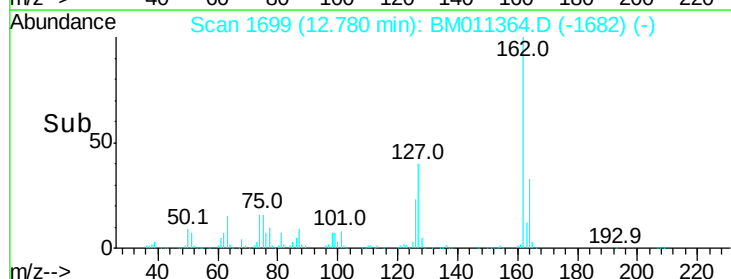
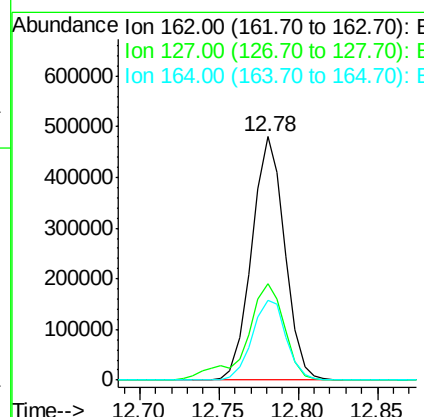
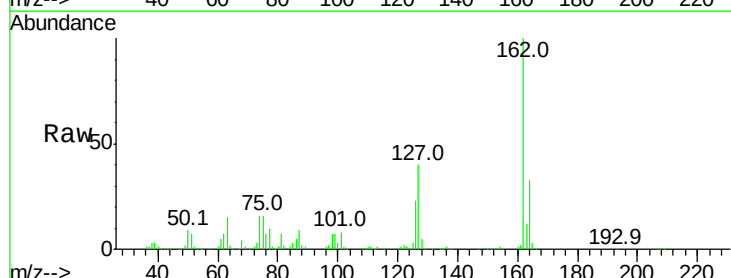
Manual Integrations
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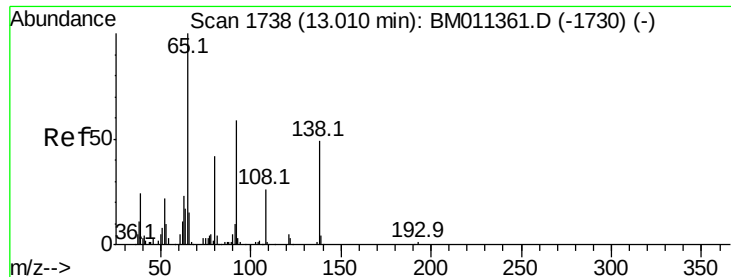
Sohil
 8/29/2017 6:00:38 PM



#46
 2-Chloronaphthalene
 Concen: 78.453 ng
 RT: 12.78 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	26.9	40.3
164	32.6	26.8	40.2





#47

2-Nitroaniline

Concen: 144.515 ng

RT: 13.01 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

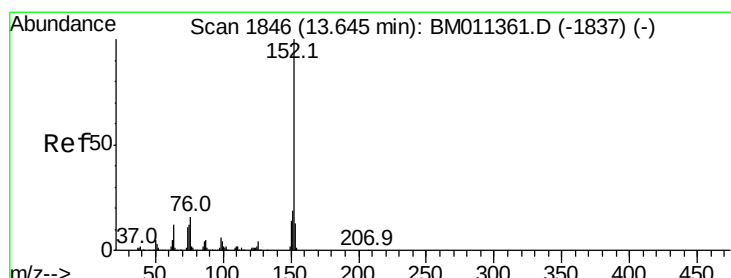
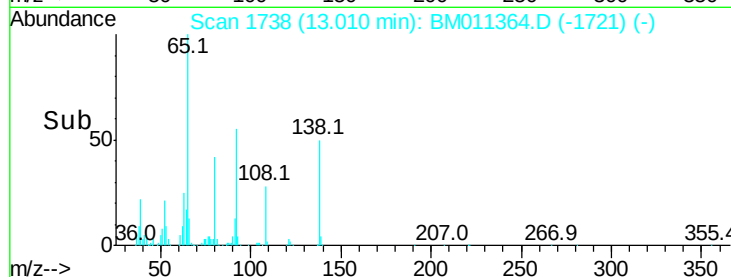
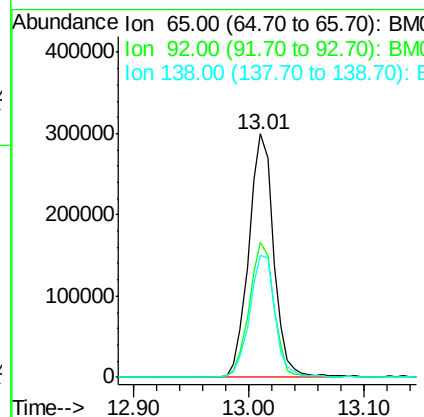
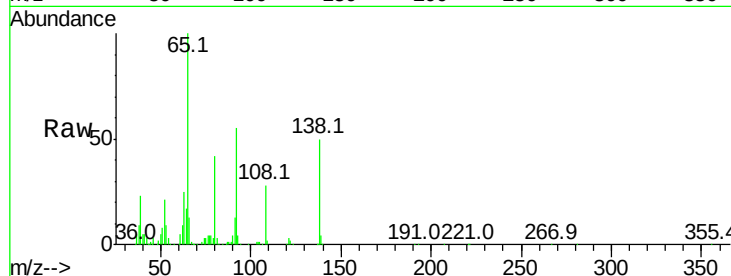
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	55.5	59.1	88.7#
138	50.3	93.9	140.9#

Manual Integrations
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8/29/2017 6:00:38 PM



#48

Acenaphthylene

Concen: 83.883 ng

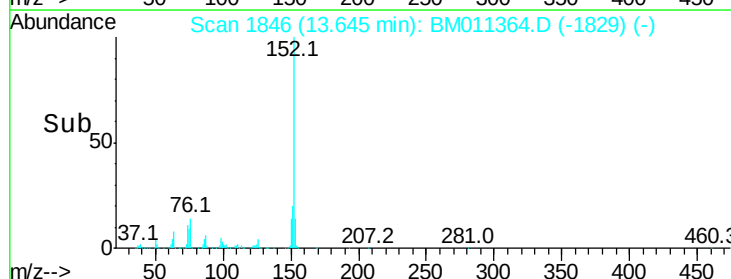
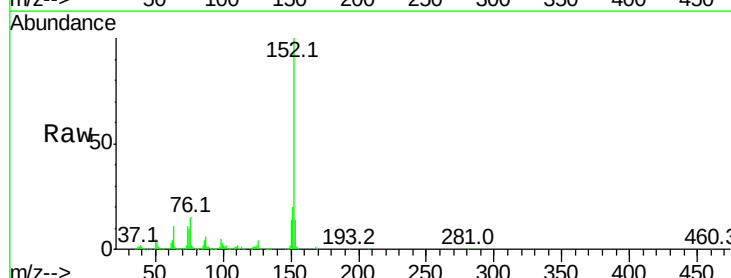
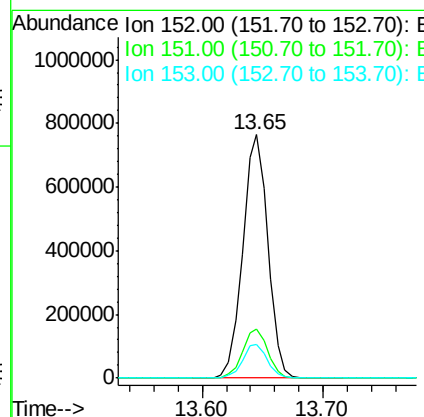
RT: 13.65 min Scan# 1846

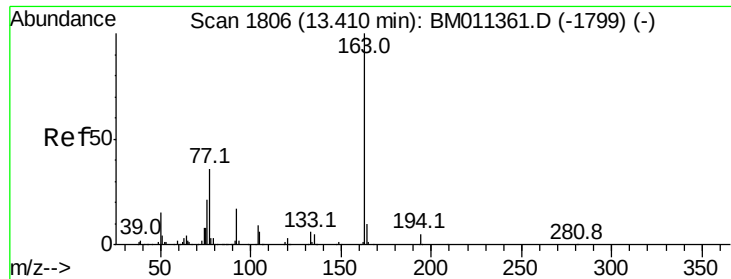
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.7	10.6	16.0





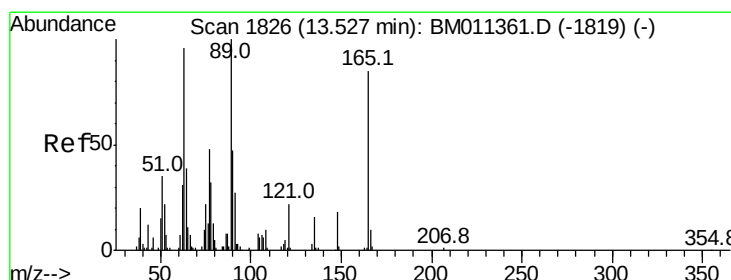
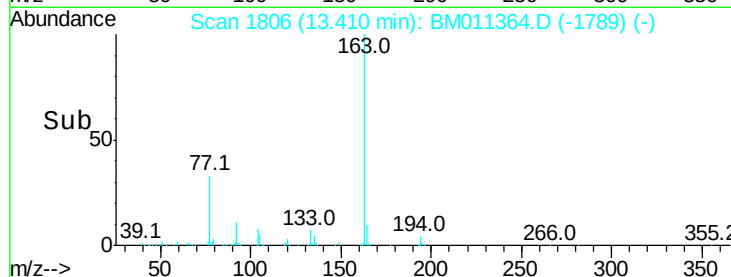
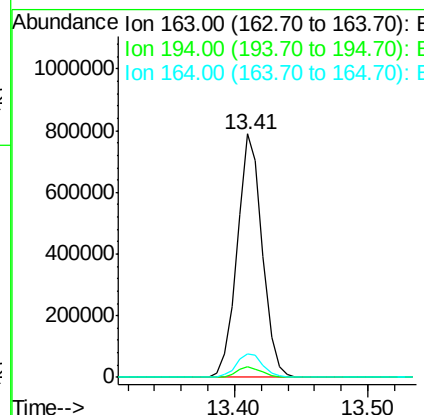
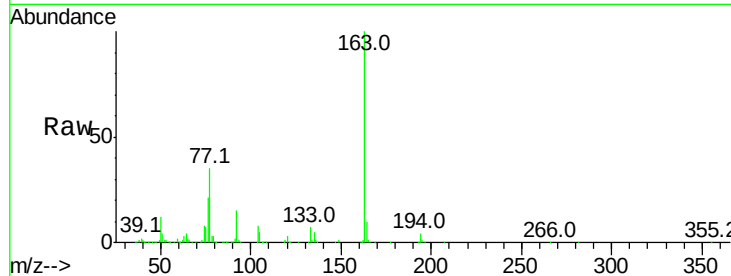
#49
Dimethylphthalate
Concen: 86.697 ng
RT: 13.41 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.6	8.2	12.2

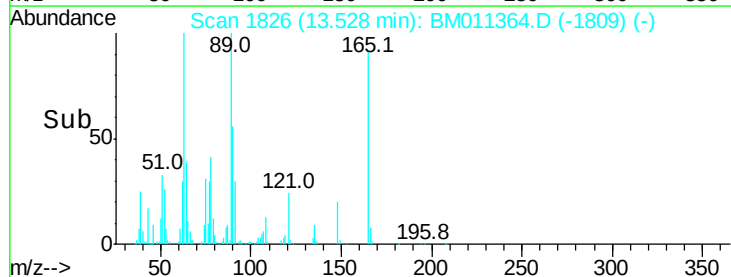
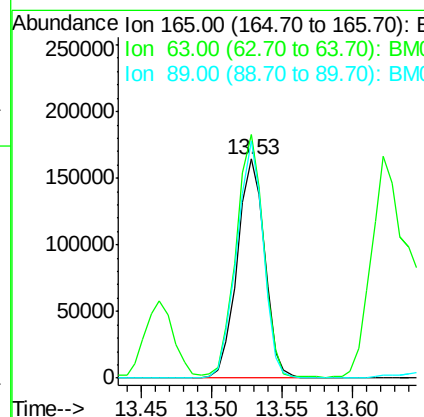
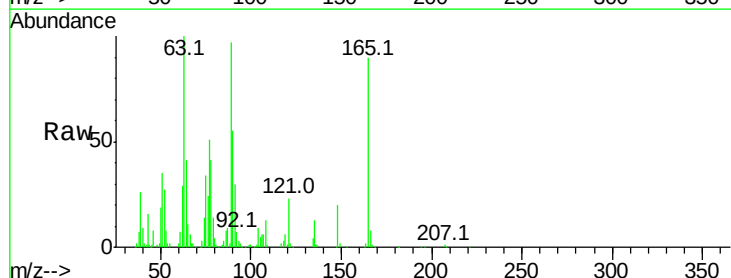
Manual Integrations
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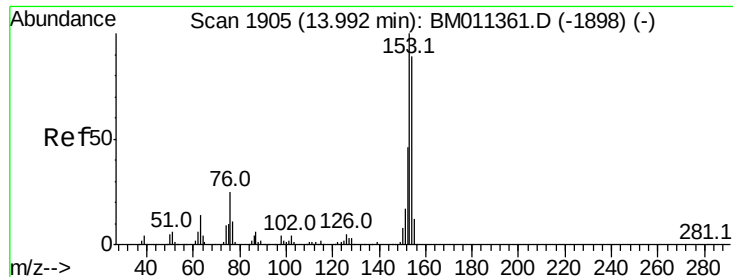
Sohil
8/29/2017 6:00:38 PM



#50
2,6-Dinitrotoluene
Concen: 93.136 ng
RT: 13.53 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	111.1	44.1	66.1#
89	108.1	44.3	66.5#





#51

Acenaphthene

Concen: 86.528 ng

RT: 13.99 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

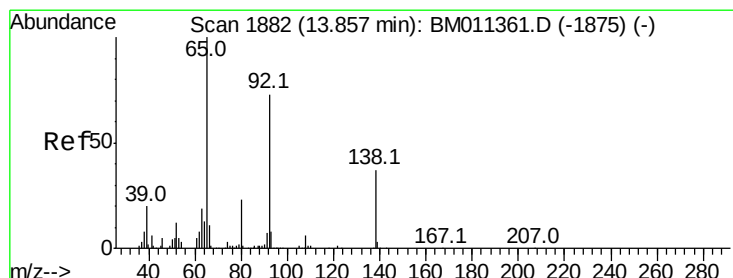
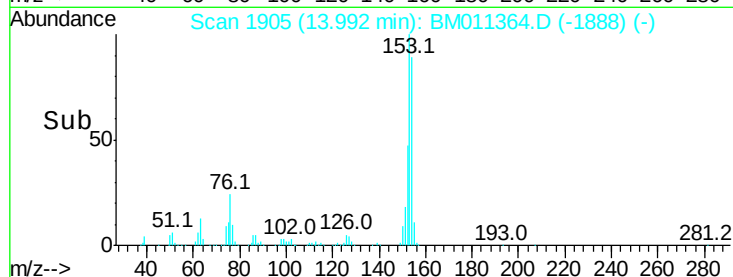
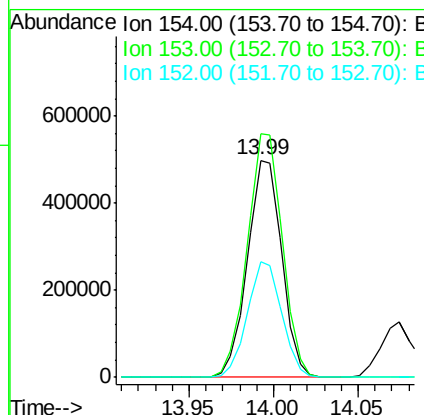
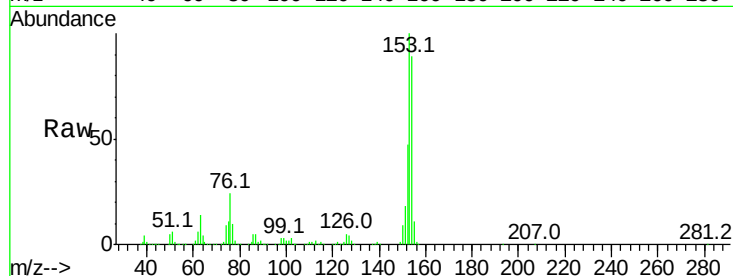
ClientSampleId :

SSTDIC080

Tot Ion:	154	Resp:	706899
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.0	135.0
152	53.2	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 103.564 ng

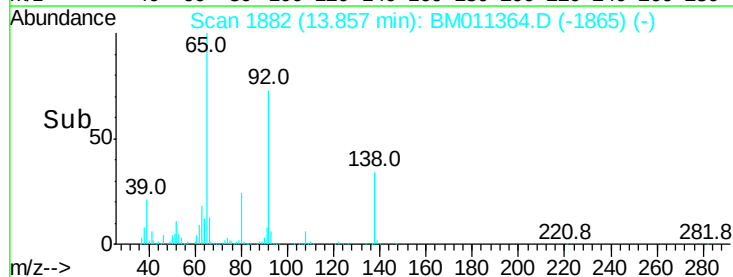
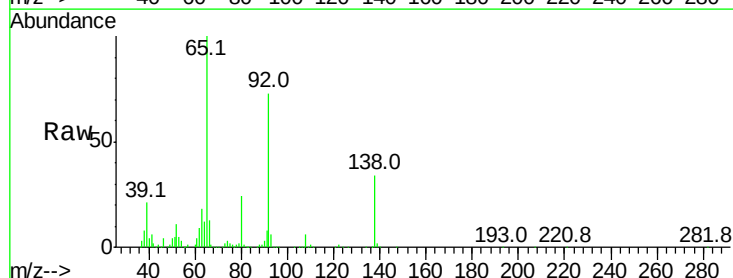
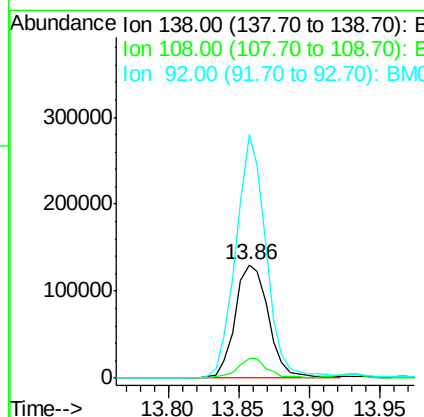
RT: 13.86 min Scan# 1882

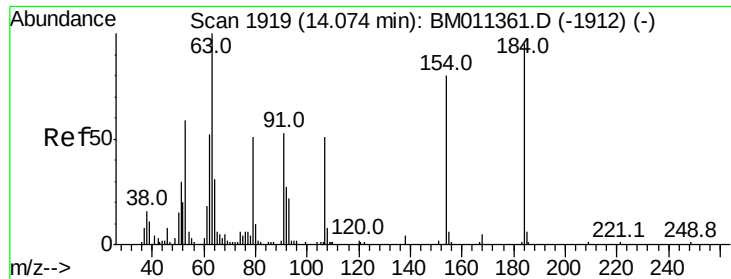
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion:	138	Resp:	215743
Ion Ratio	Lower	Upper	
138	100		
108	17.4	7.3	10.9#
92	214.9	76.6	114.8#





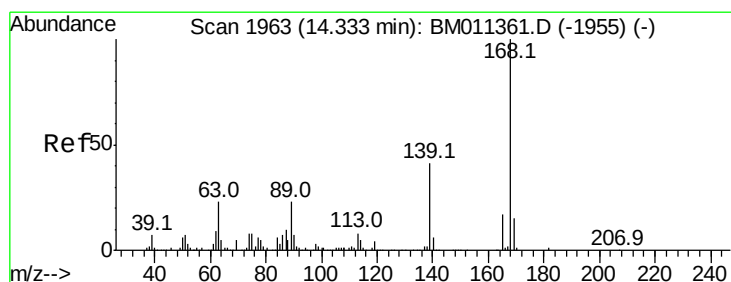
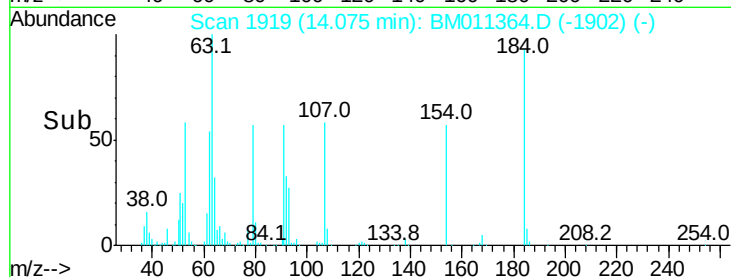
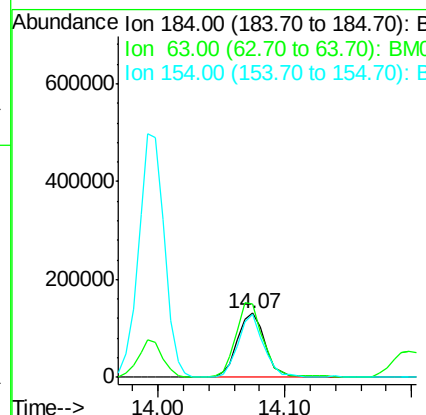
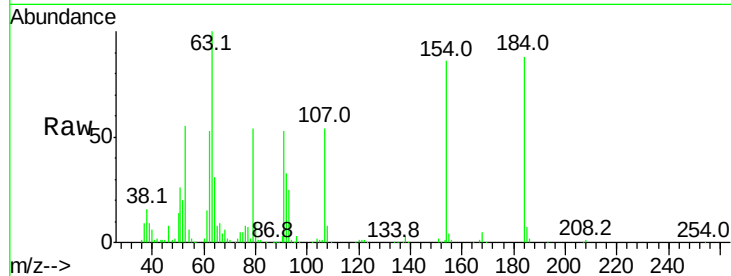
#53
2,4-Dinitrophenol
Concen: 117.285 ng
RT: 14.07 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	113.8	69.2	103.8#	
154	97.8	53.3	79.9#	

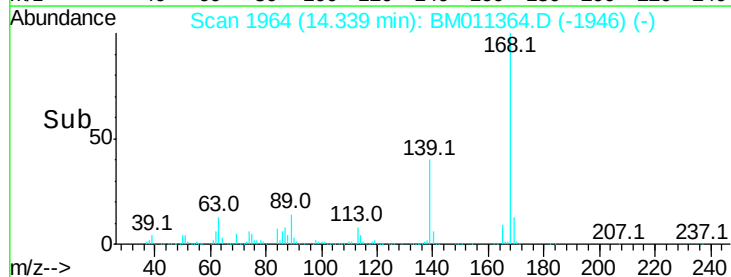
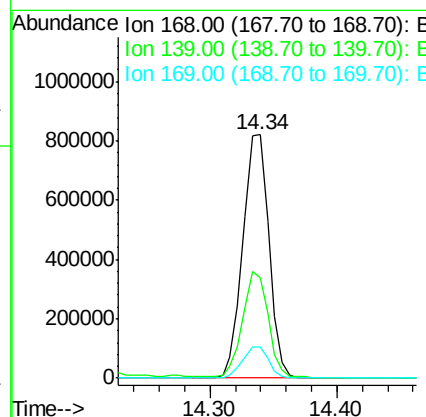
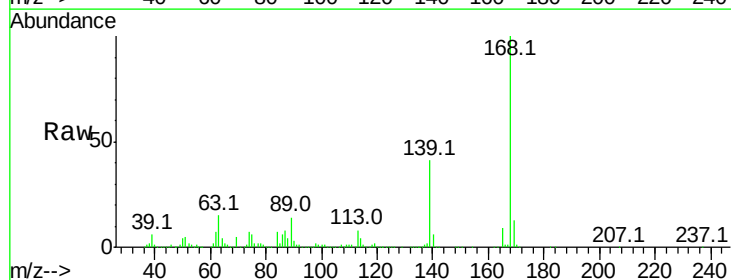
Manual Integrations
APPROVED

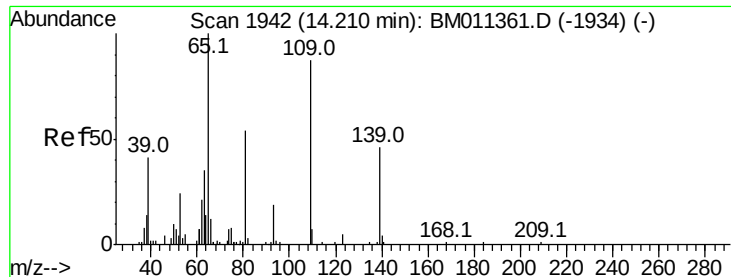
Sohil
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#54
Dibenzofuran
Concen: 88.441 ng
RT: 14.34 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.1	27.3	40.9#	
169	12.7	10.6	16.0	





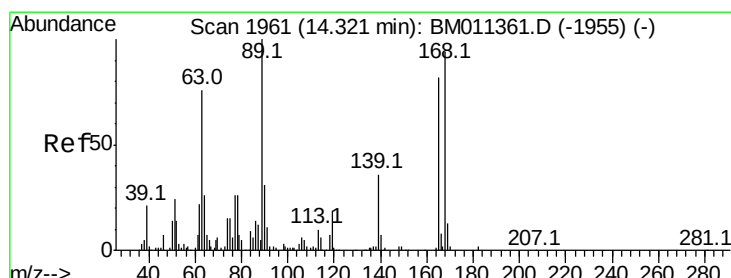
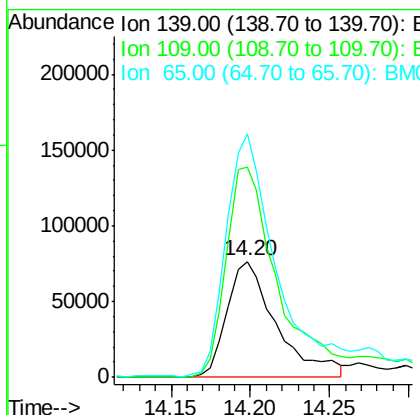
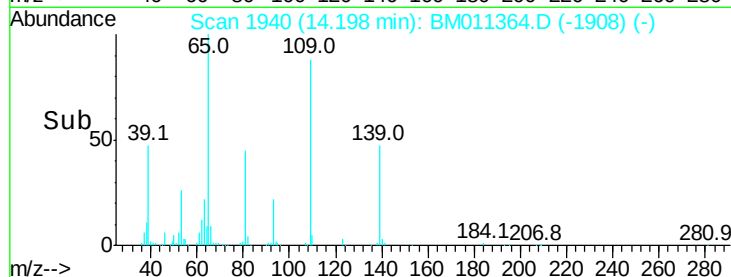
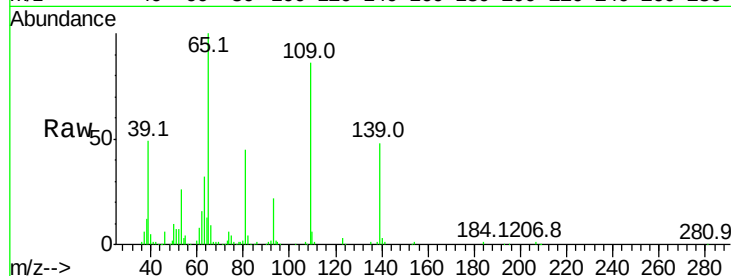
#55
4-Nitrophenol
Concen: 90.488 ng/ml
RT: 14.20 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
139	100		
109	181.4	130.0	170.0#
65	209.7	130.0	170.0#

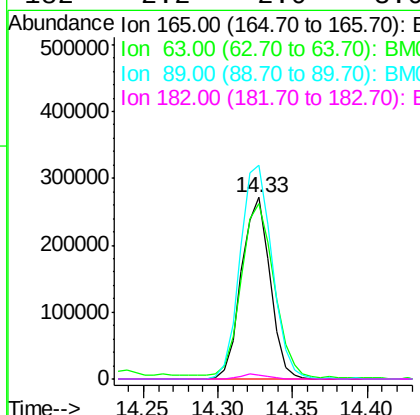
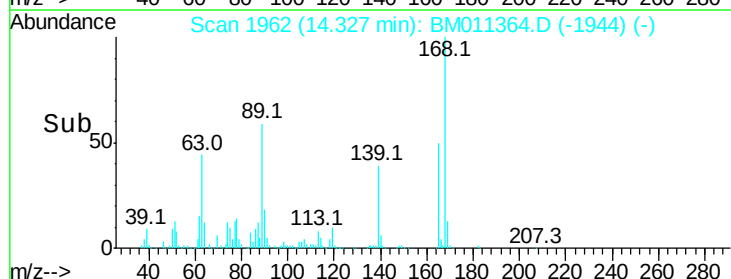
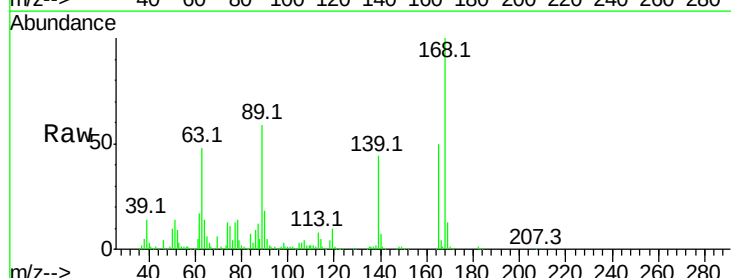
Manual Integrations
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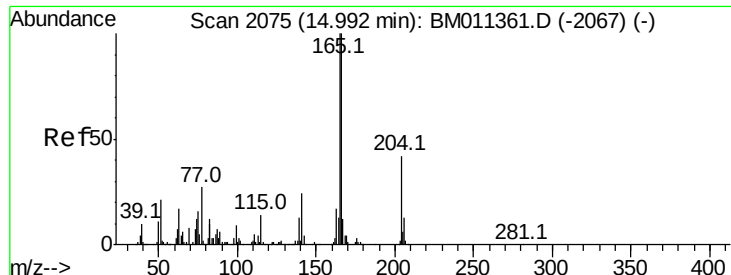
Sohil
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#56
2,4-Dinitrotoluene
Concen: 106.859 ng
RT: 14.33 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	96.7	52.4	78.6#
89	117.7	72.4	108.6#
182	2.2	2.0	3.0





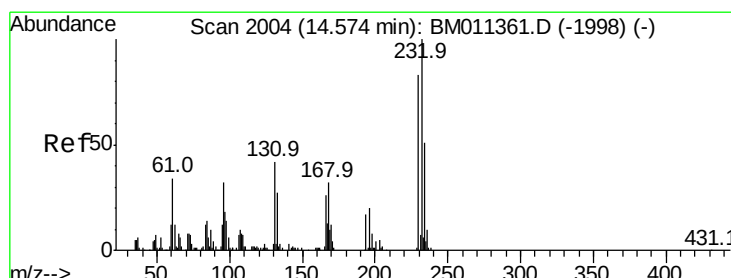
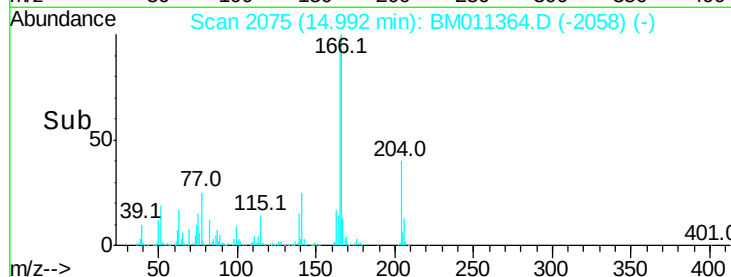
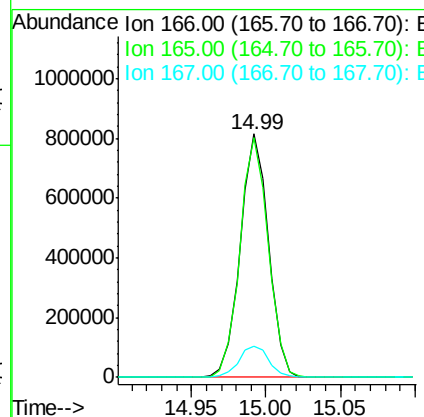
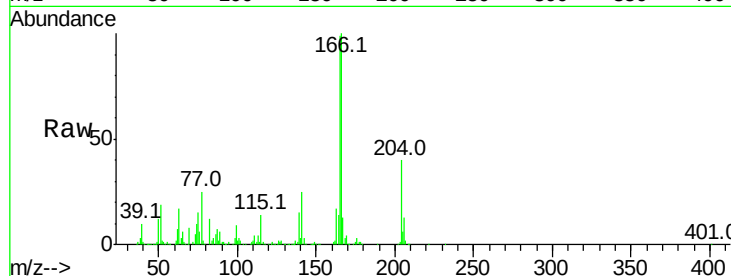
#57
Fluorene
 Concen: 93.239 ng
 RT: 14.99 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.0	10.3	15.5

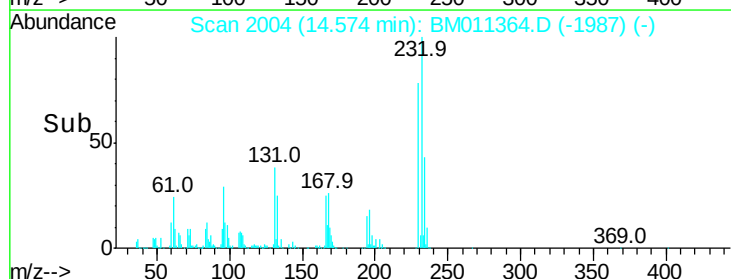
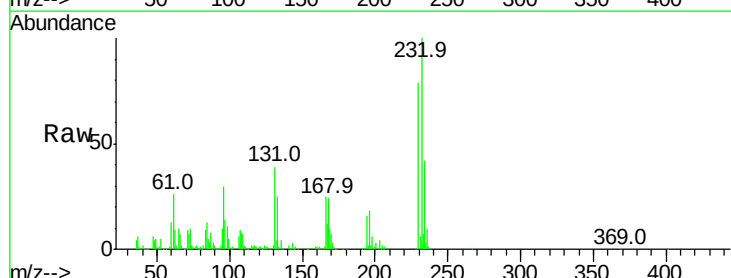
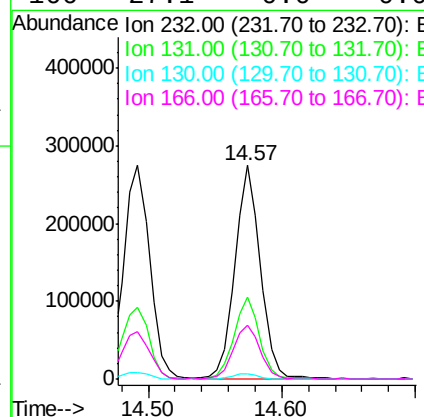
Manual Integrations
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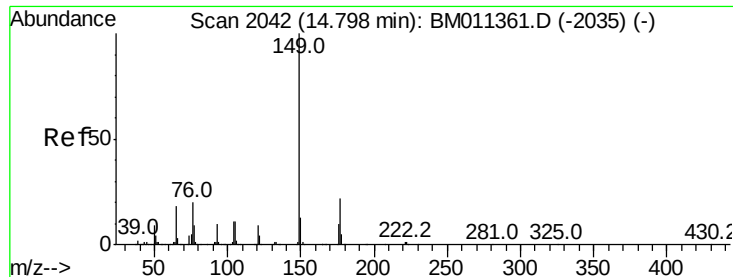
Sohil
 8/29/2017 6:00:38 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 104.189 ng
 RT: 14.57 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.6	0.0	0.0#
130	2.4	0.0	0.0#
166	27.1	0.0	0.0#





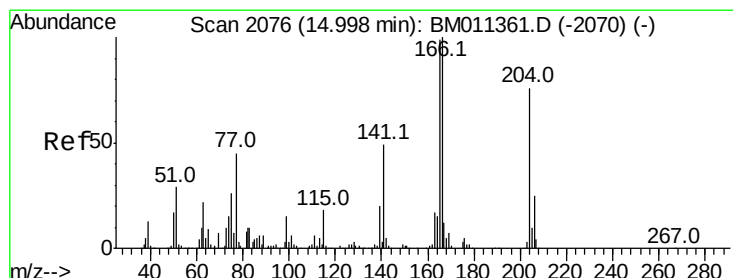
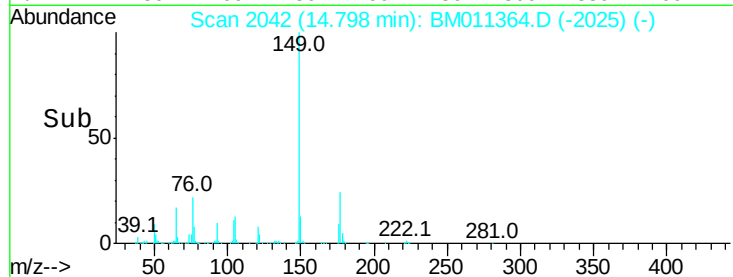
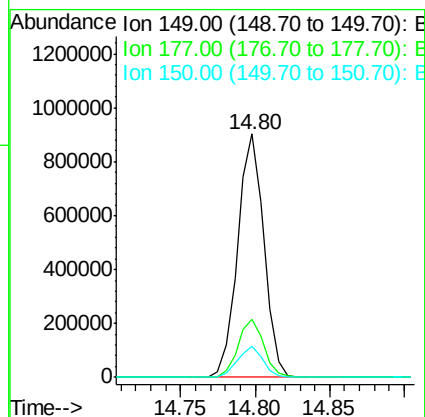
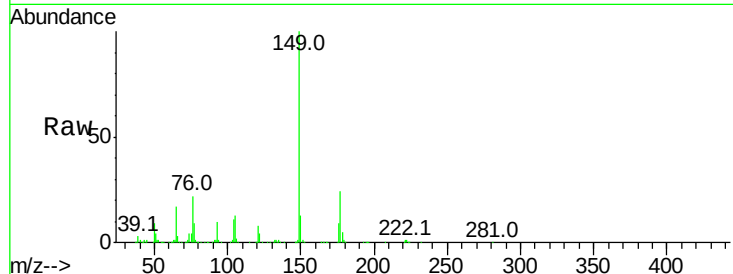
#59
Diethylphthalate
Concen: 91.198 ng
RT: 14.80 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.6	9.8	14.8

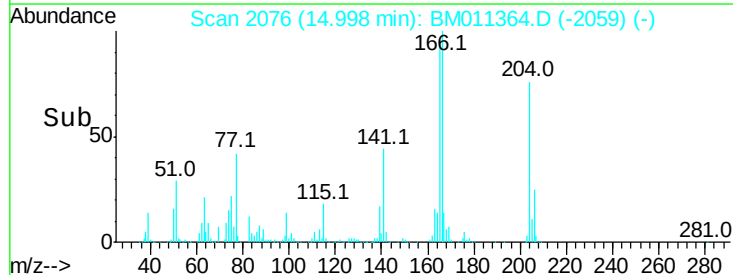
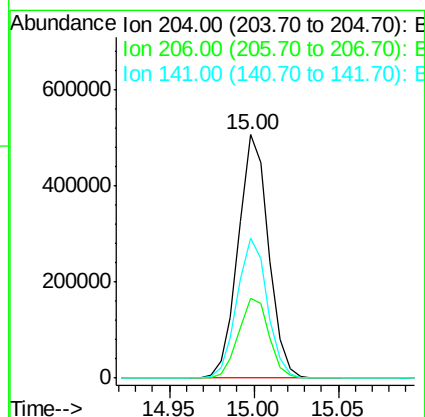
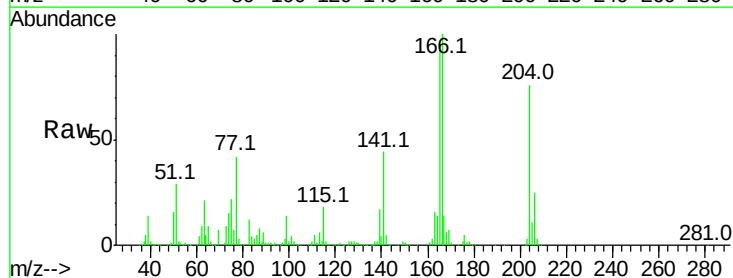
Manual Integrations
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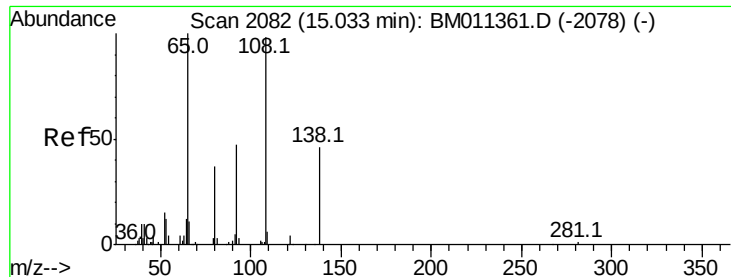
Sohil
8/29/2017 6:00:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 90.793 ng
RT: 15.00 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	57.7	45.2	67.8





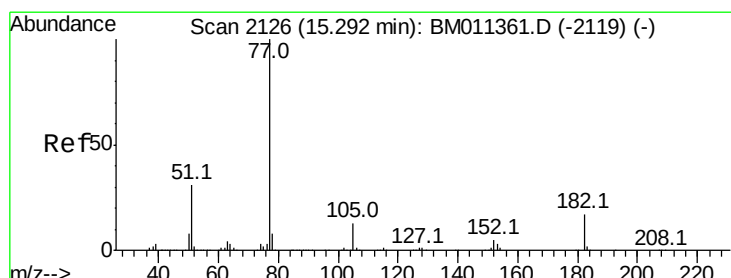
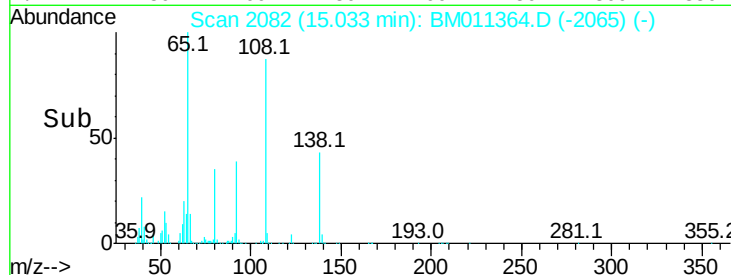
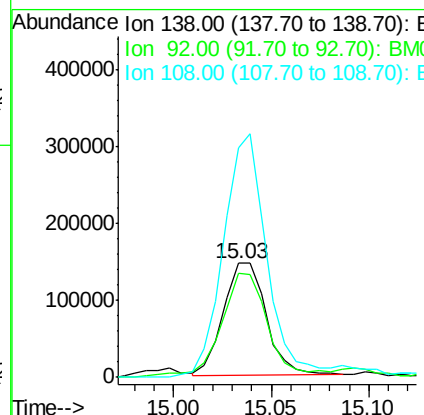
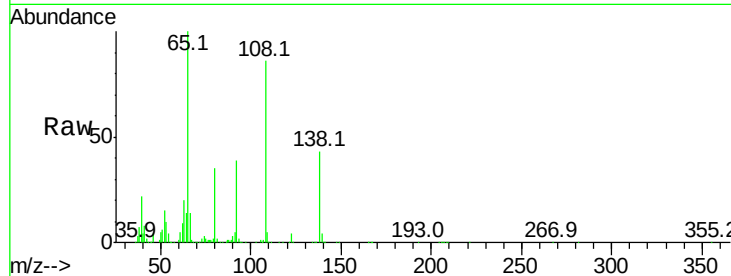
#61
4-Nitroaniline
Concen: 101.342 ng
RT: 15.03 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	91.2	16.7	56.7#
108	201.5	37.6	77.6#

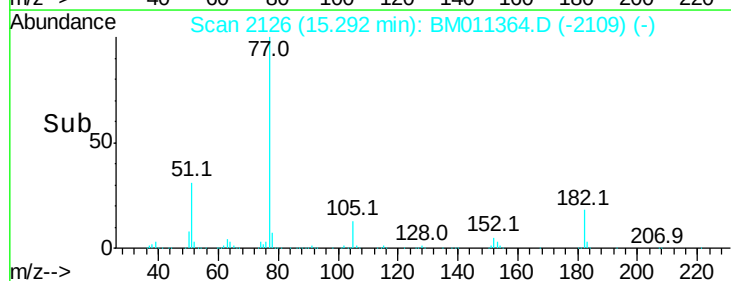
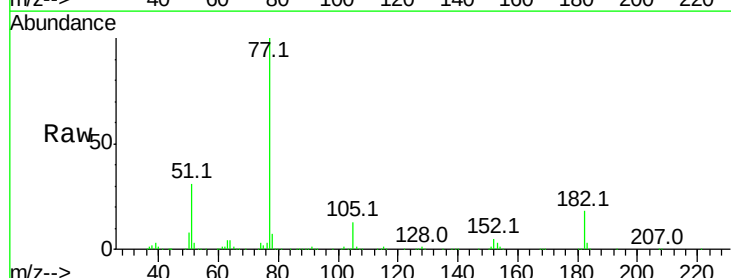
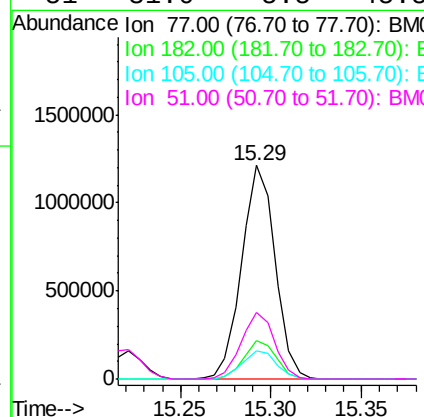
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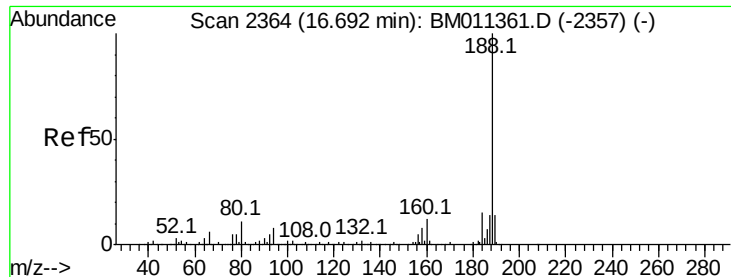
Sohil
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#62
Azobenzene
Concen: 119.424 ng
RT: 15.29 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.7	6.5	46.5
105	13.4	3.8	43.8
51	31.0	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.69 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

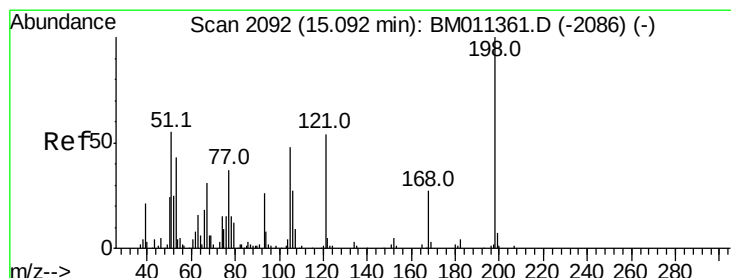
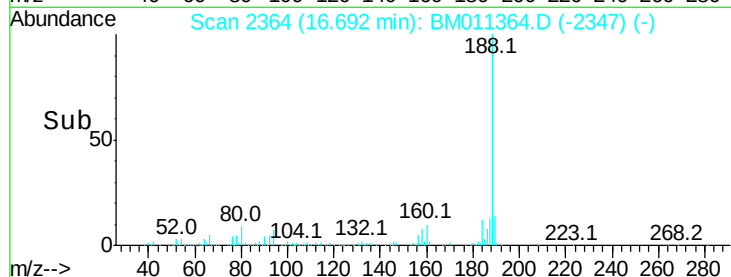
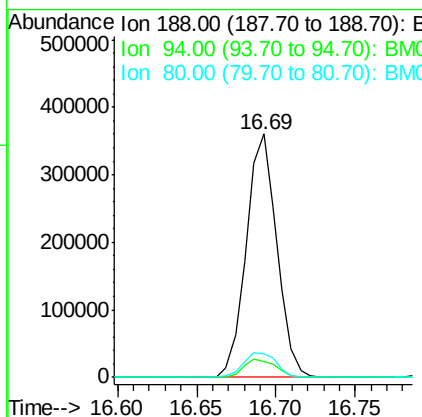
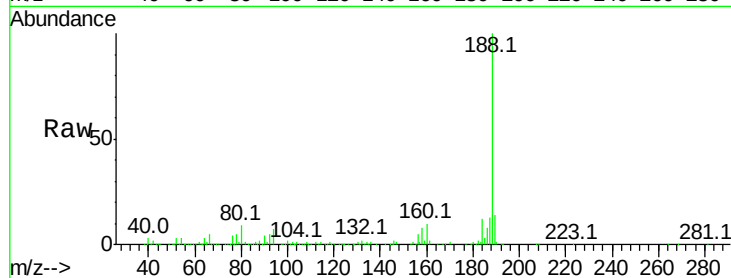
ClientSampleId :

SSTDIC080

Tot Ion:188	Resp:	481840
Ion Ratio	Lower	Upper
188 100		
94 6.5	8.7	13.1#
80 9.5	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 93.791 ng

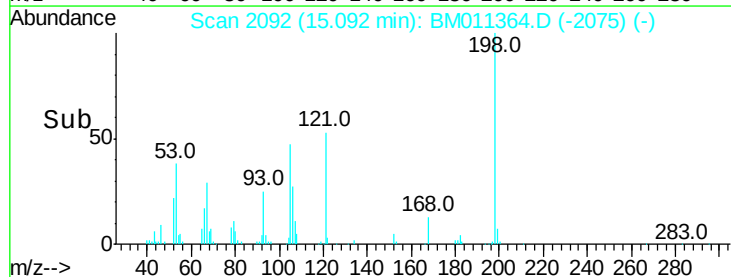
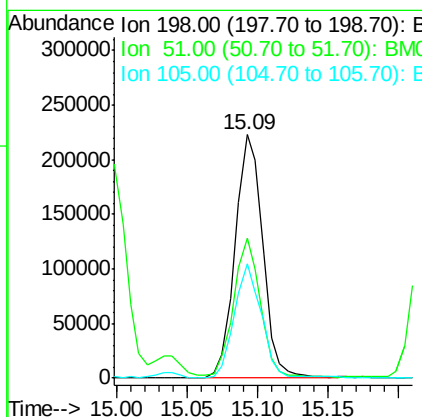
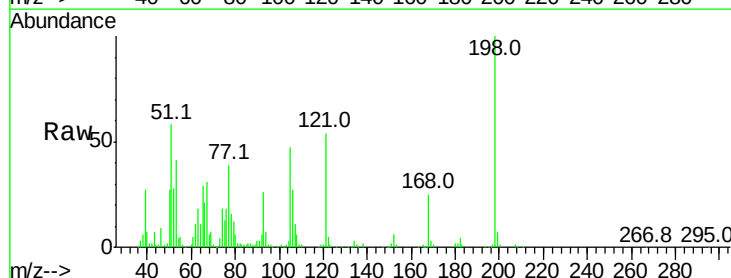
RT: 15.09 min Scan# 2092

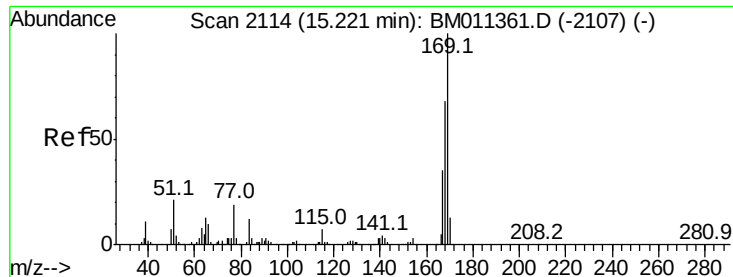
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion:198	Resp:	305946
Ion Ratio	Lower	Upper
198 100		
51 57.6	28.8	68.8
105 47.2	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 74.248 ng

RT: 15.22 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:169 Resp: 1023841

Ion Ratio Lower Upper

169 100

168 64.8 53.9 80.9

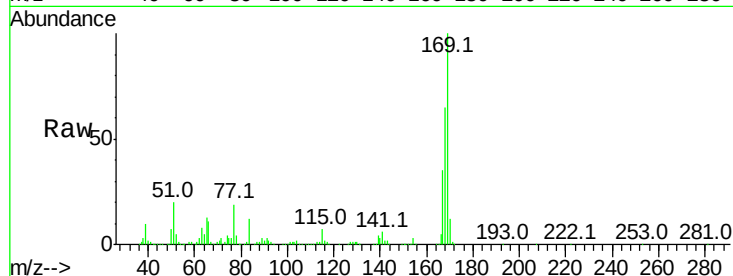
167 34.9 28.9 43.3

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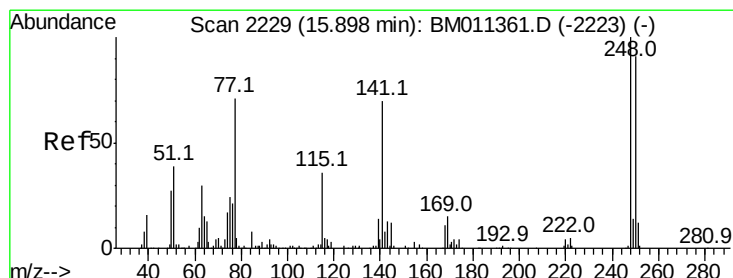
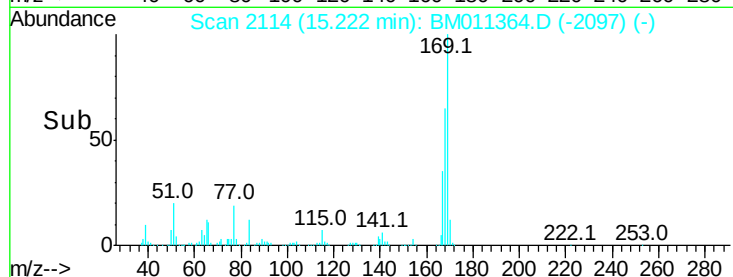
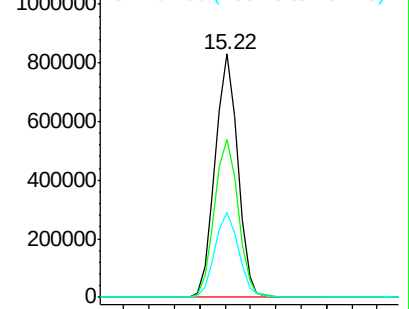
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 75.687 ng

RT: 15.90 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

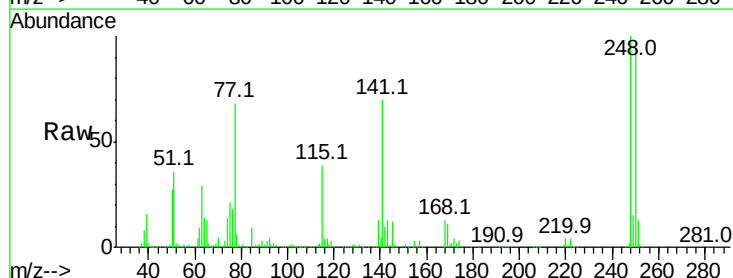
Tgt Ion:248 Resp: 468826

Ion Ratio Lower Upper

248 100

250 94.5 77.4 116.0

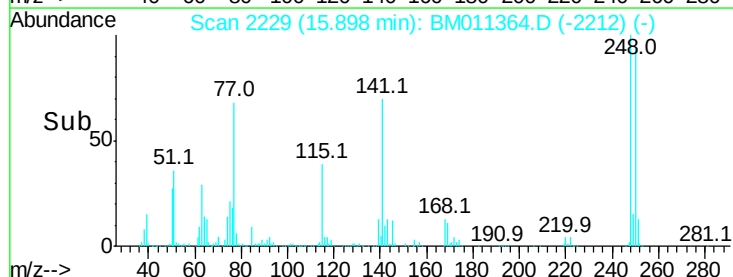
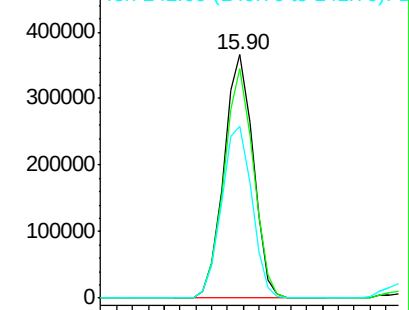
141 70.4 45.2 67.8#

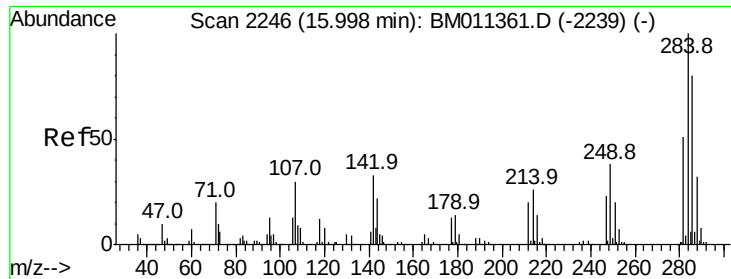


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





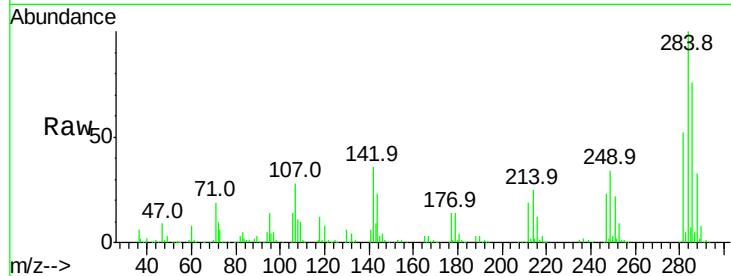
#67
Hexachlorobenzene
Concen: 71.155 ng
RT: 16.00 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampled :
SSTDICC080

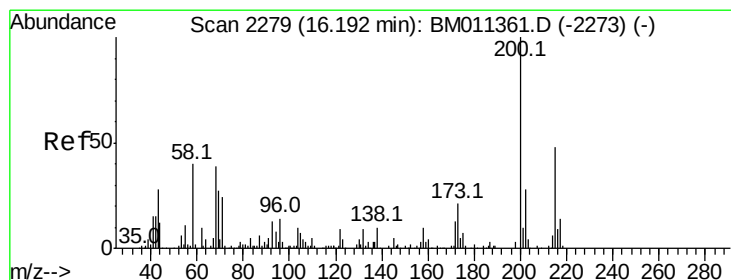
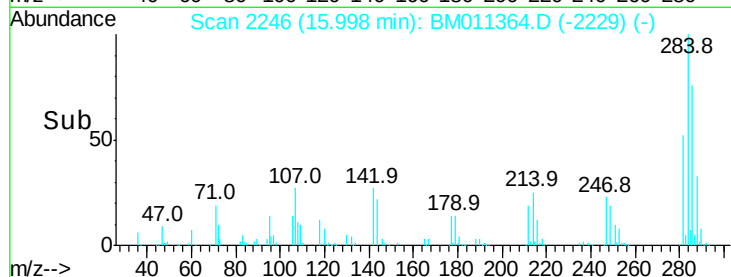
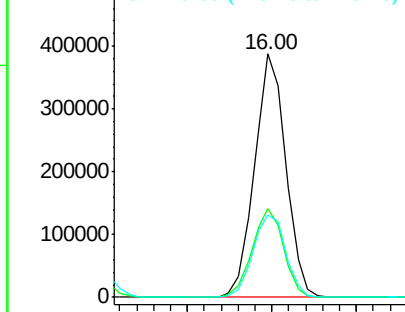
Tot Ion	Ratio	Resp	Lower	Upper
284	100	498054		
142	36.4	20.4	30.6	
249	33.7	23.8	35.6	

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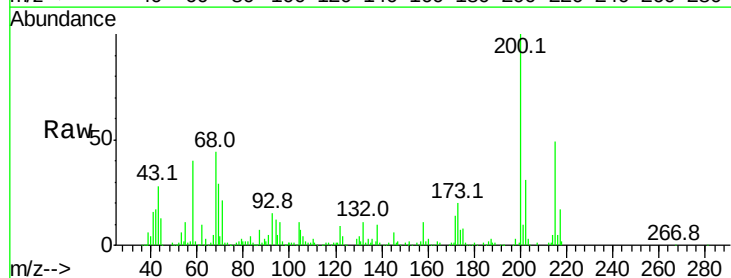


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

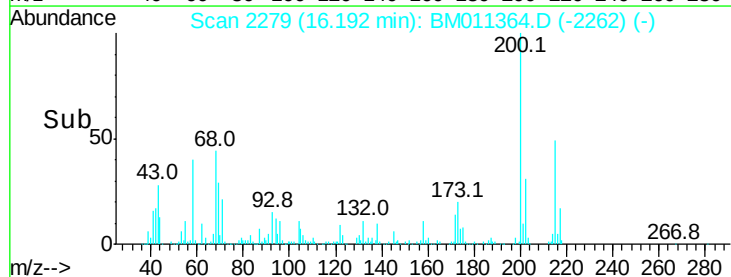
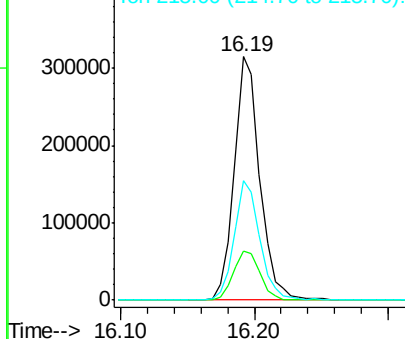


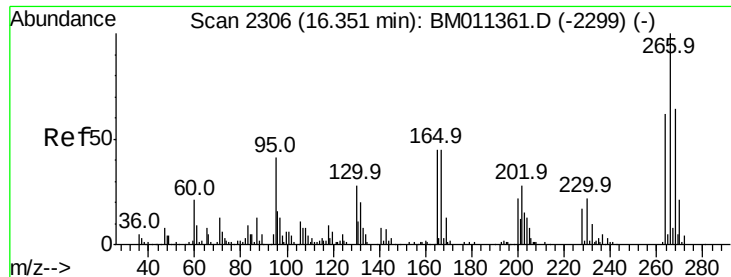
#68
Atrazine
Concen: 76.136 ng
RT: 16.19 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	420728		
173	20.2	4.8	44.8	
215	49.1	26.9	66.9	



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





#69

Pentachlorophenol

Concen: 88.338 ng

RT: 16.35 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

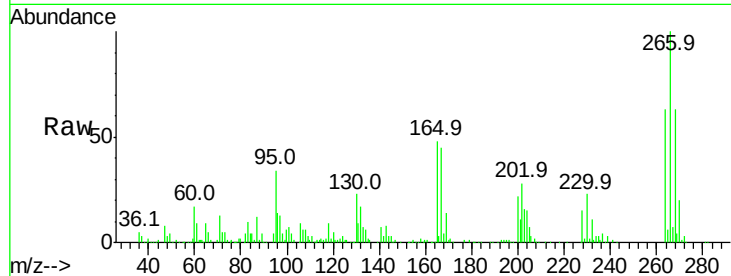
ClientSampleId :

SSTDIC080

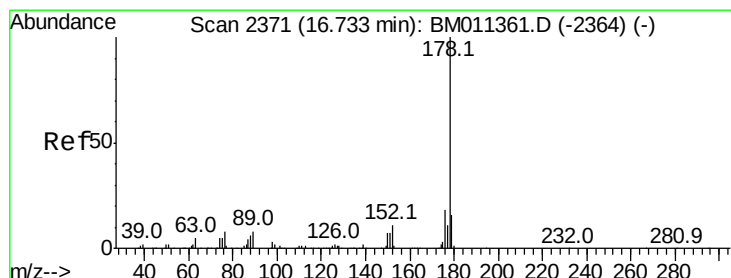
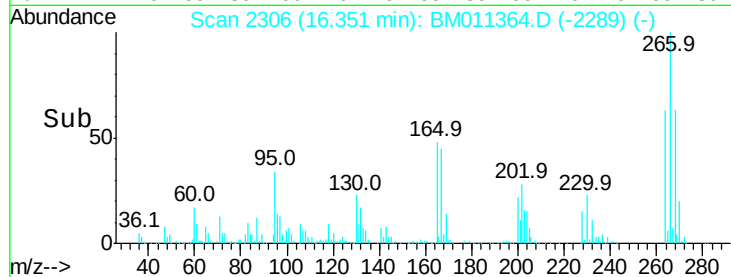
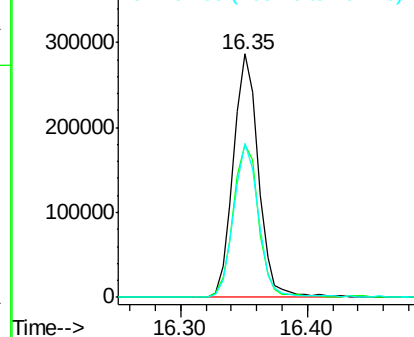
Tot Ion:	266	Resp:	392554
Ion Ratio		Lower	Upper
266	100		
268	62.6	52.0	78.0
264	63.5	49.0	73.4

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



#70

Phenanthrene

Concen: 86.599 ng

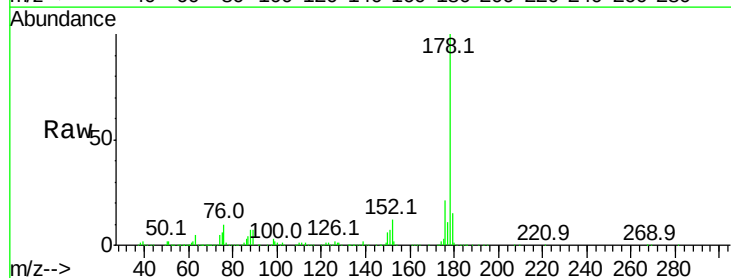
RT: 16.73 min Scan# 2371

Delta R.T. 0.00 min

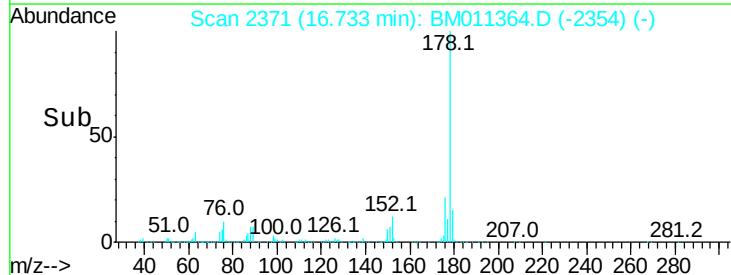
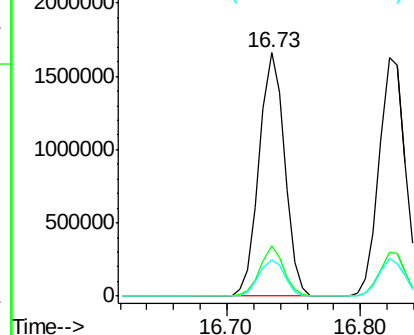
Lab File: BM011364.D

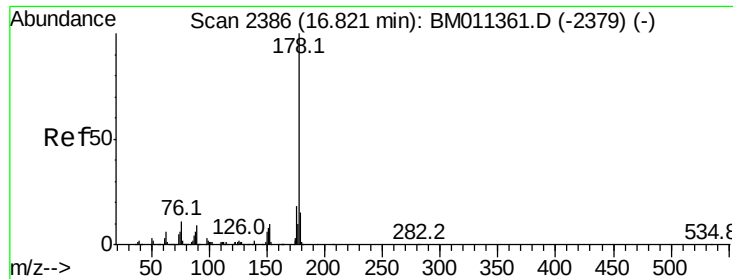
Acq: 28 Aug 2017 16:47

Tgt Ion:	178	Resp:	2184900
Ion Ratio		Lower	Upper
178	100		
176	20.9	15.2	22.8
179	15.0	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 87.400 ng

RT: 16.82 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 2199196

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

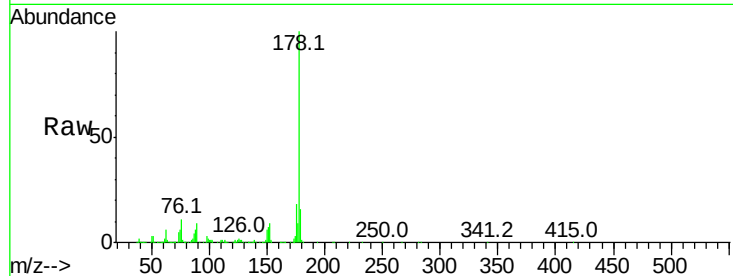
179 15.9 12.6 19.0

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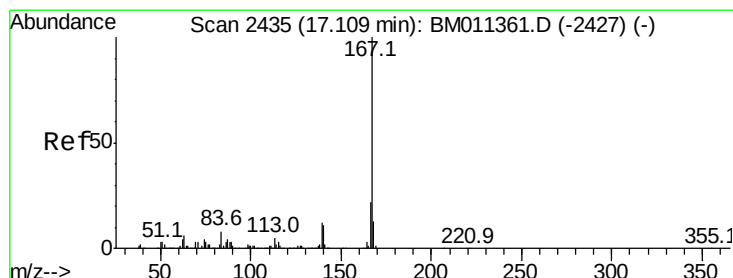
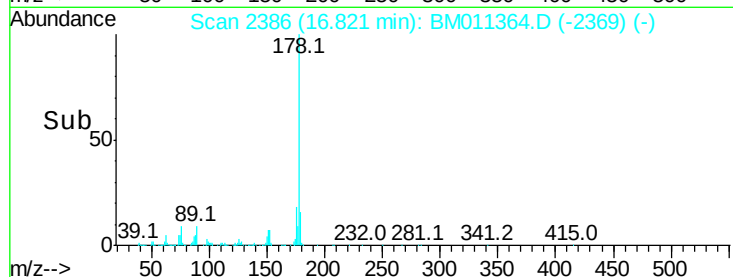
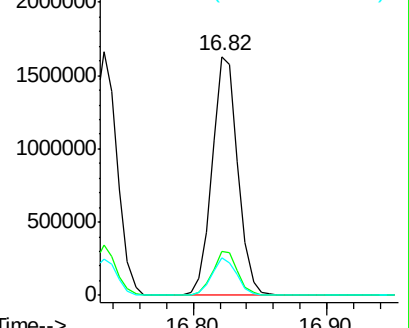
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 95.499 ng

RT: 17.11 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

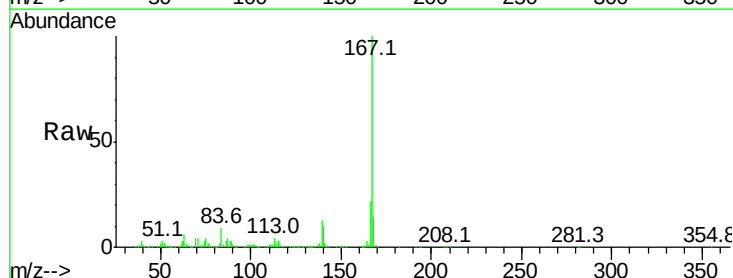
Tgt Ion:167 Resp: 2101487

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

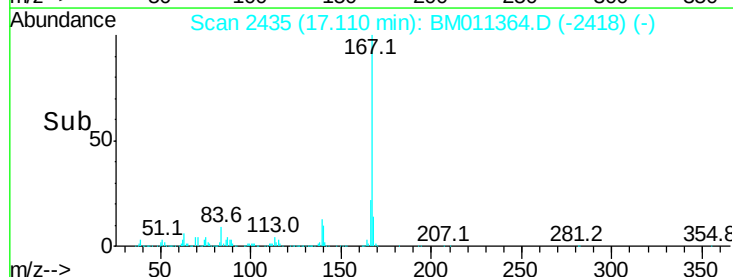
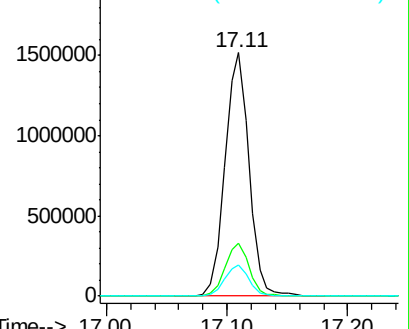
139 12.8 10.8 16.2

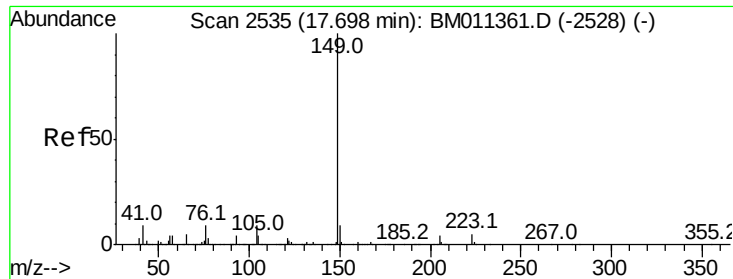


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 84.179 ng

RT: 17.70 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

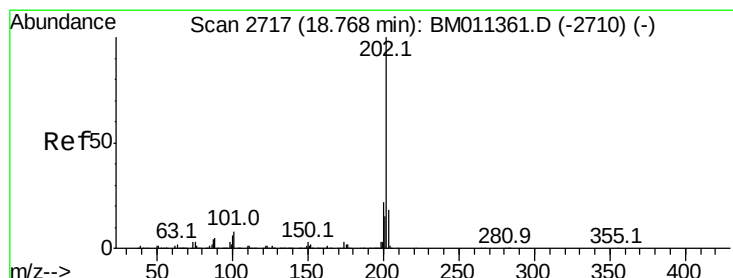
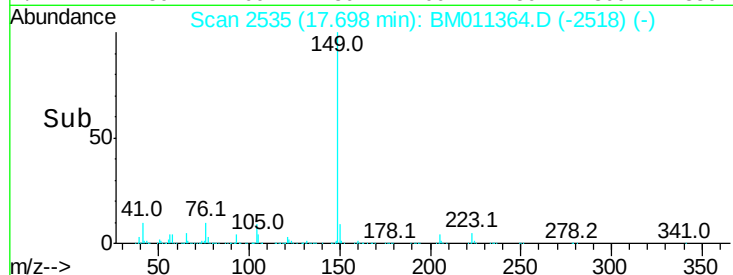
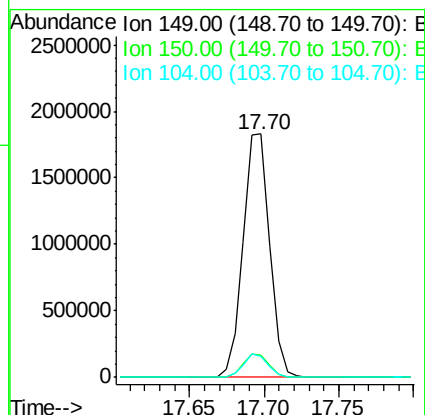
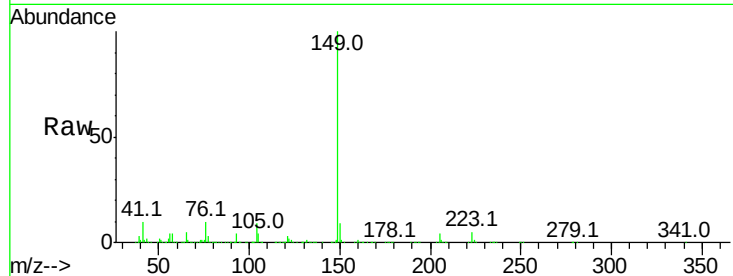
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	8.7	3.7	5.5

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#74

Fluoranthene

Concen: 113.816 ng

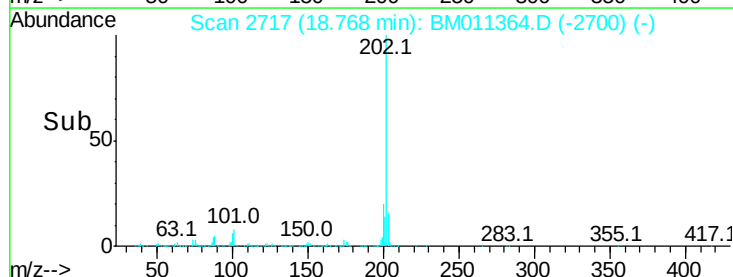
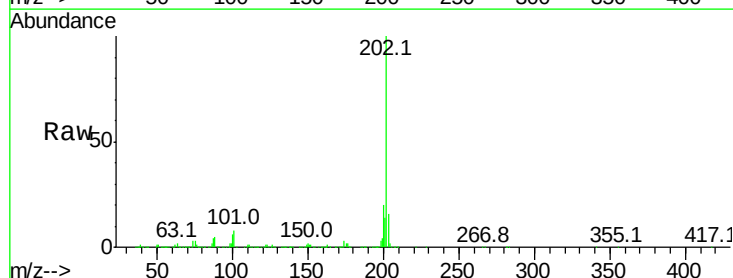
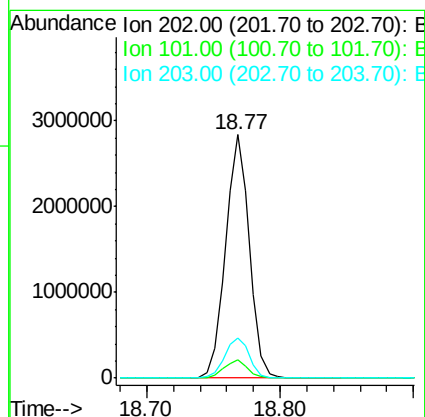
RT: 18.77 min Scan# 2717

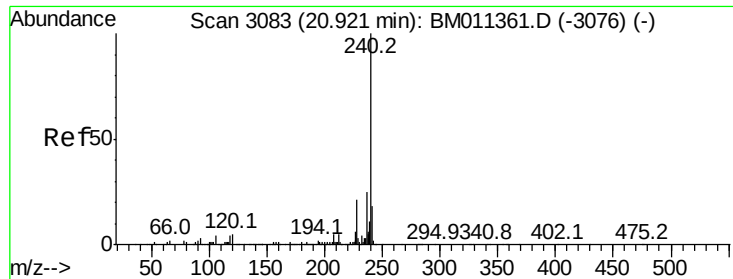
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.7
203	16.4	0.0	37.2





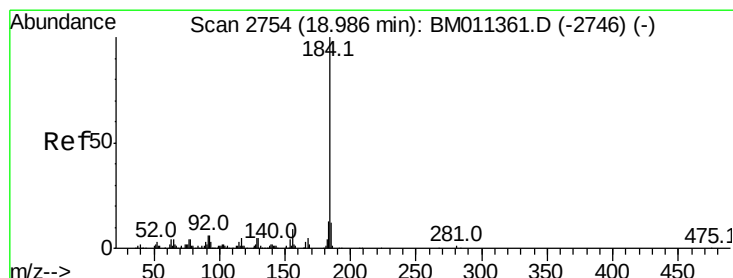
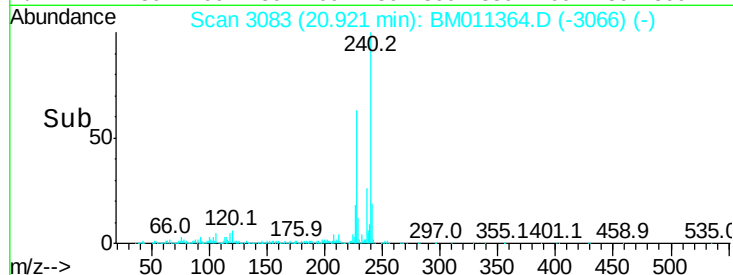
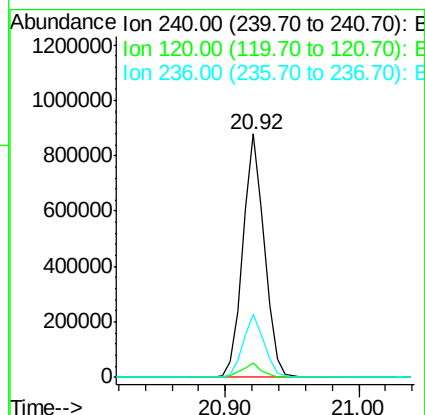
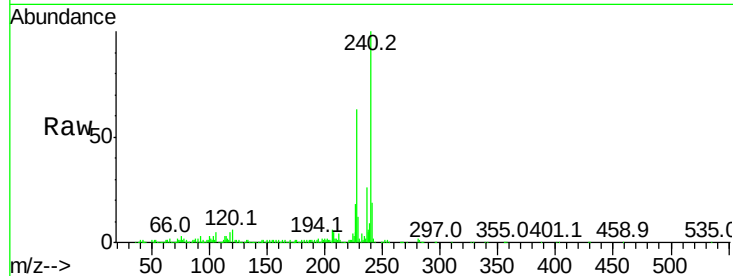
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.92 min Scan# 3083
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	26.0	20.0	30.0

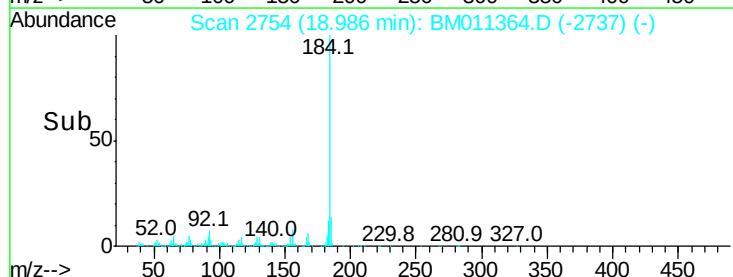
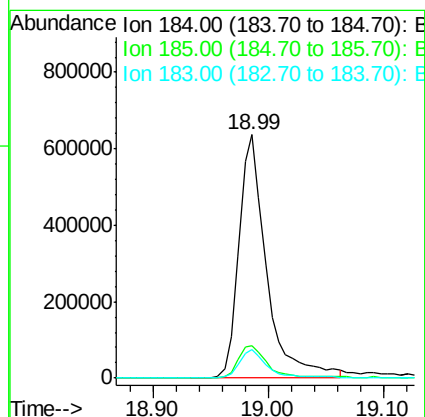
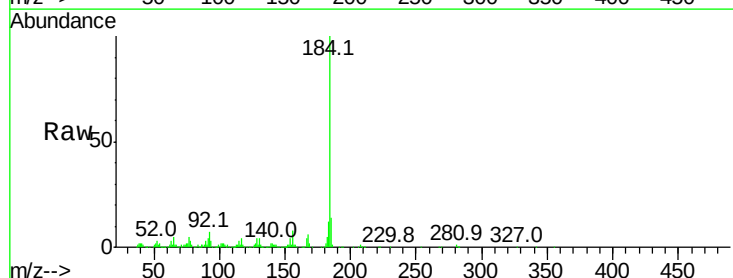
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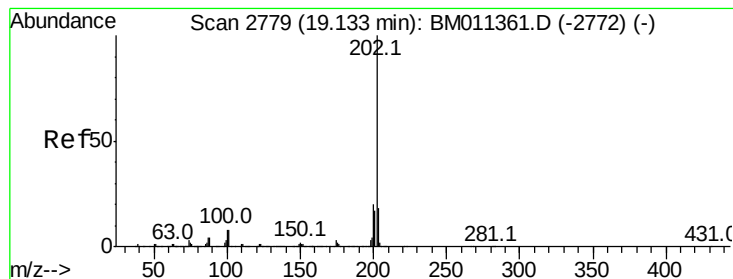
Sohil
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#76
 Benzidine
 Concen: 45.265 ng
 RT: 18.99 min Scan# 2754
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.3	16.9
183	11.7	8.9	13.3





#77

Pvrene

Concen: 66.406 ng

RT: 19.14 min Scan# 2780

Delta R.T. 0.01 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

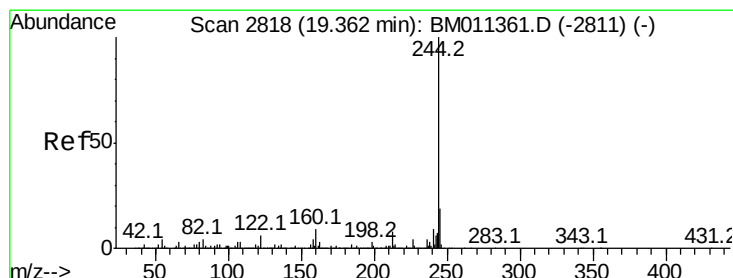
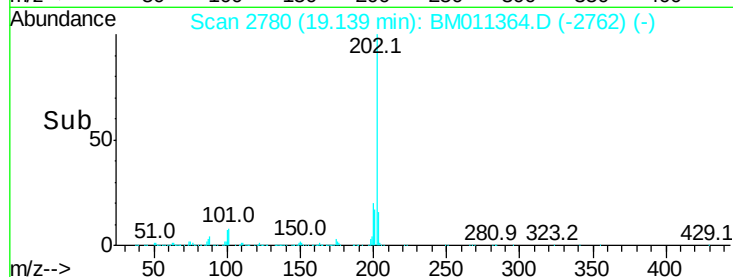
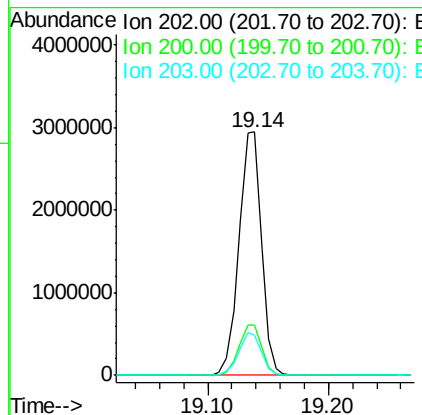
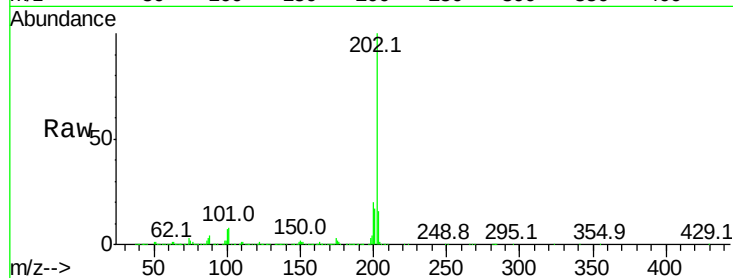
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	16.4	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 120.737 ng

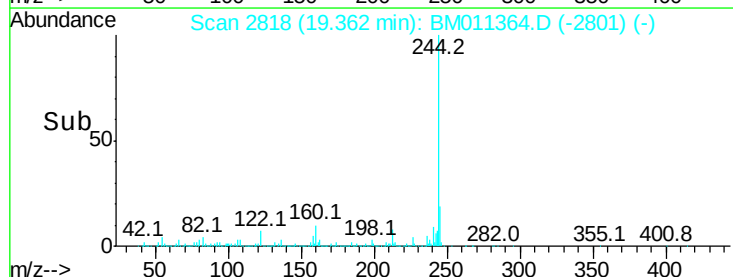
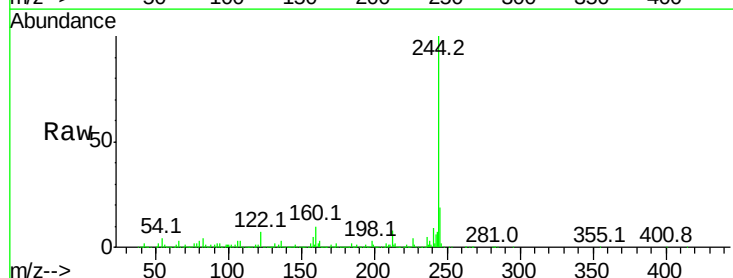
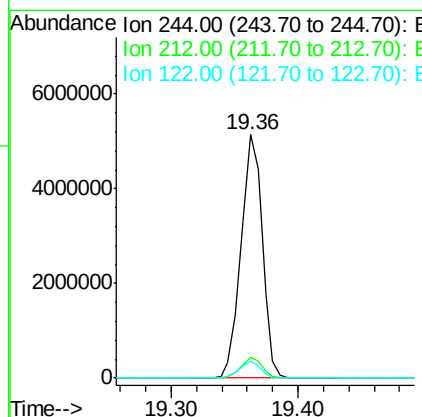
RT: 19.36 min Scan# 2818

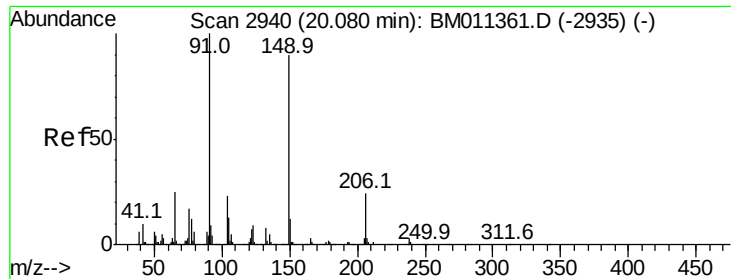
Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.8	6.2	9.4





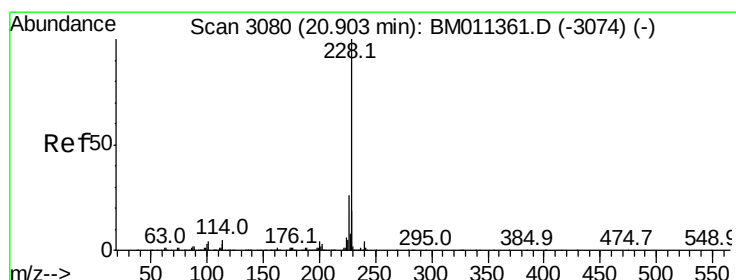
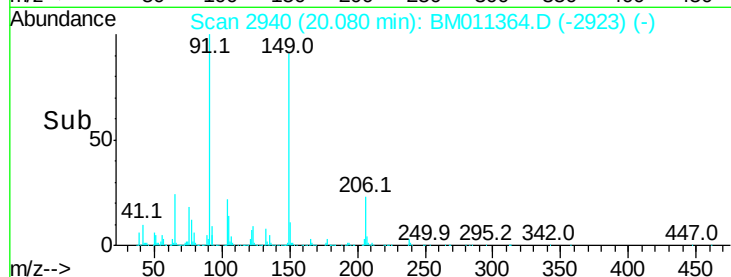
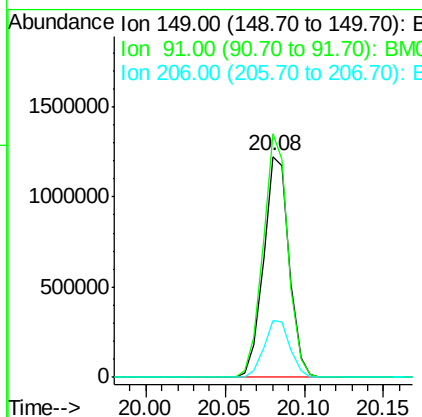
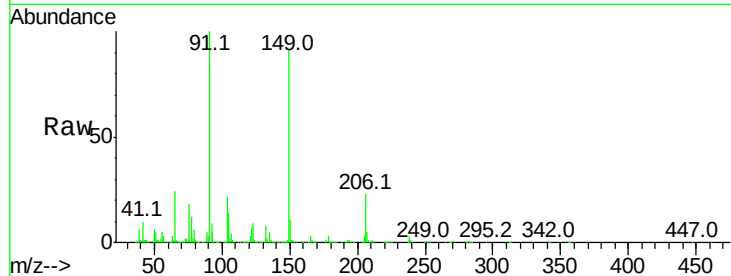
#79
Butylbenzylphthalate
Concen: 67.013 ng
RT: 20.08 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1380809
Ion Ratio Lower Upper
149 100
91 110.4 50.1 75.1#
206 25.5 16.2 24.2#

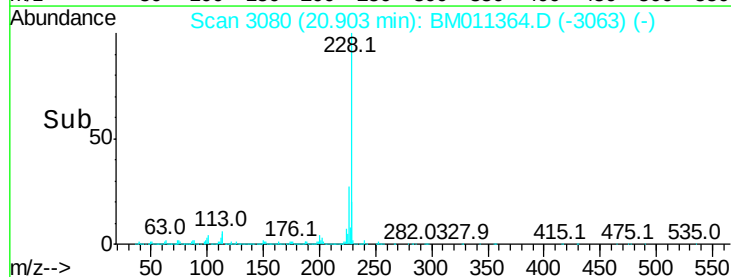
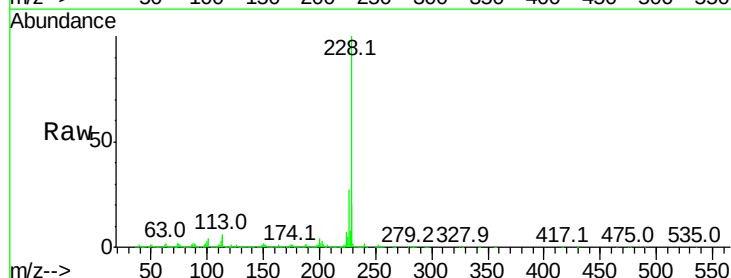
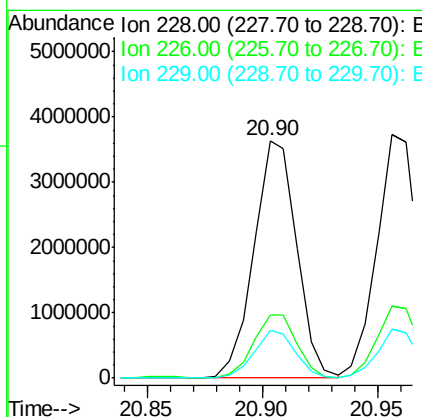
Manual Integrations
APPROVED

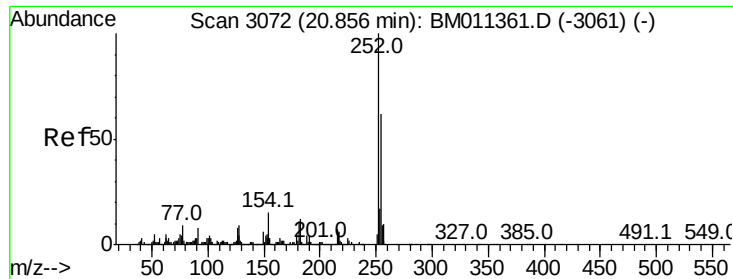
Sohil
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#80
Benzo(a)anthracene
Concen: 84.303 ng
RT: 20.90 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion:228 Resp: 4694277
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 20.2 16.0 24.0





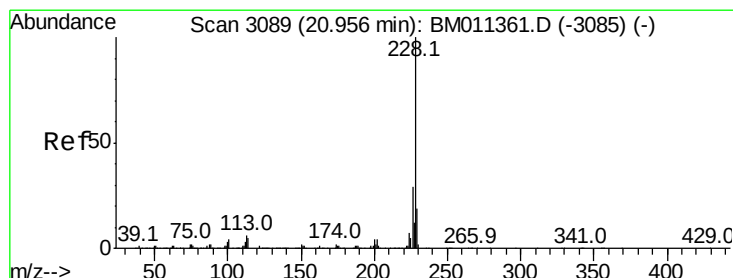
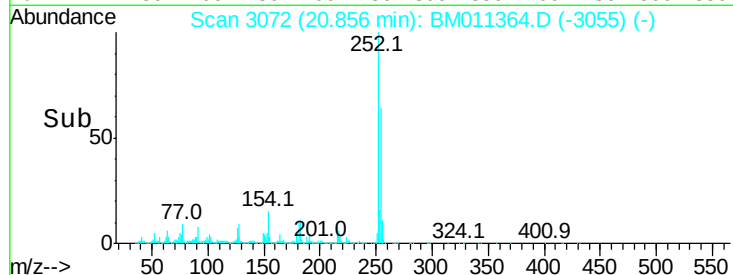
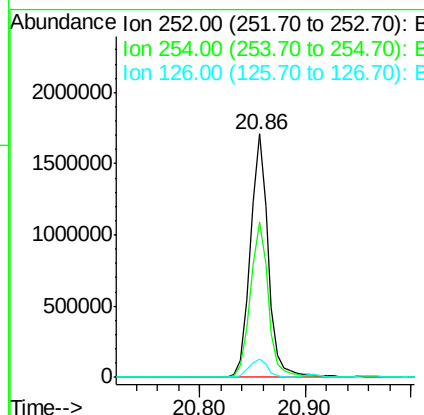
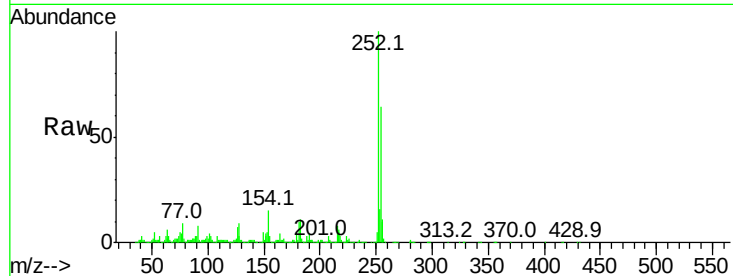
#81
 3,3'-Dichlorobenzidine
 Concen: 92.466 ng
 RT: 20.86 min Scan# 3072
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	7.4	9.8	14.8

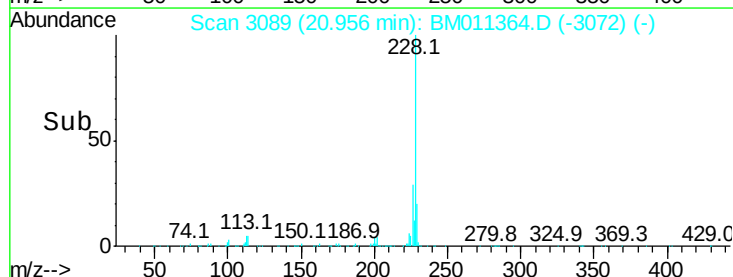
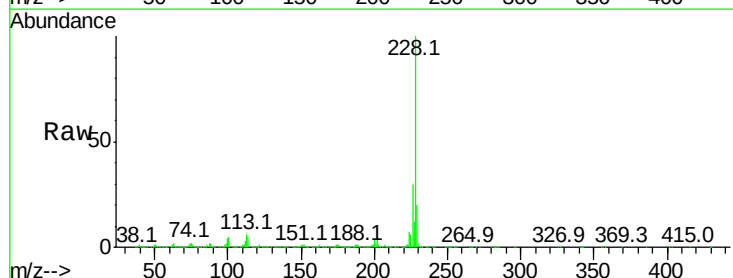
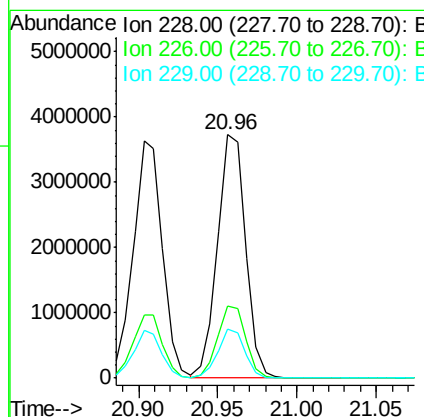
Manual Integrations
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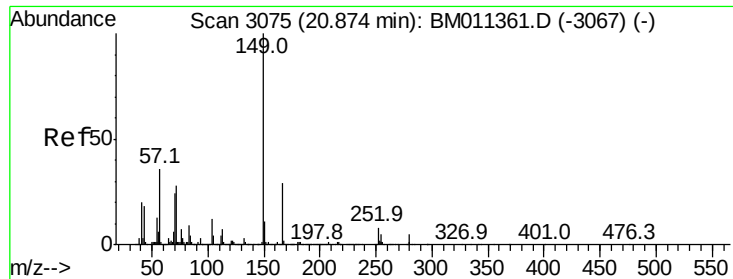
Sohil
 8/29/2017 6:00:38 PM



#82
 Chrysene
 Concen: 85.874 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.0	15.5	23.3





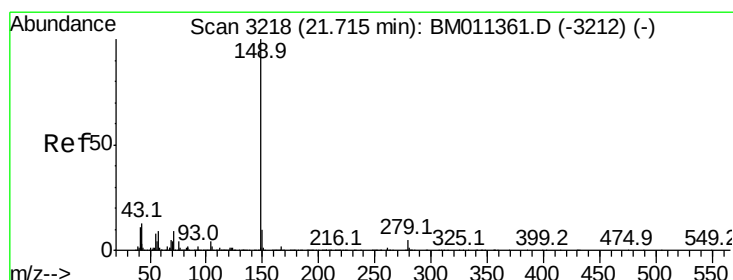
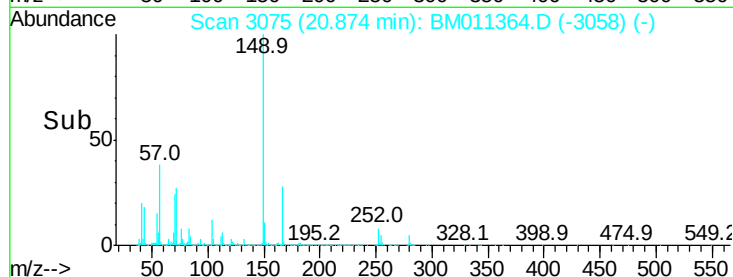
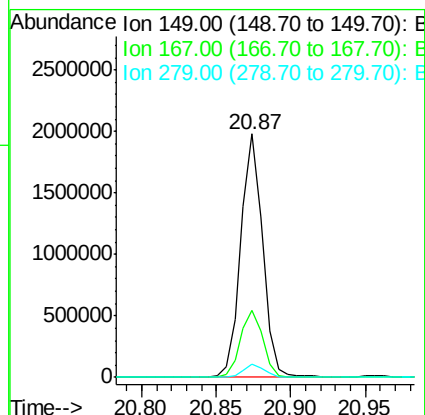
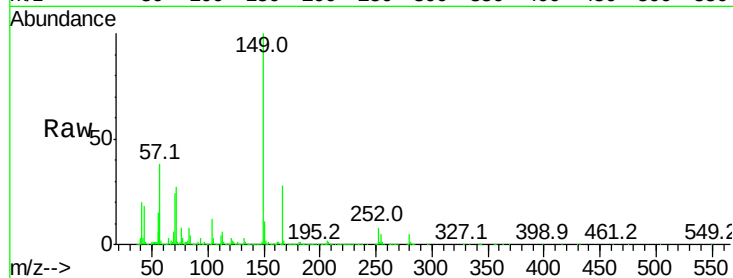
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 67.084 ng
 RT: 20.87 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	5.2	3.4	5.0#

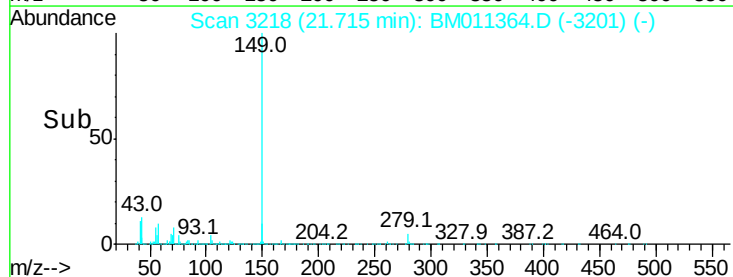
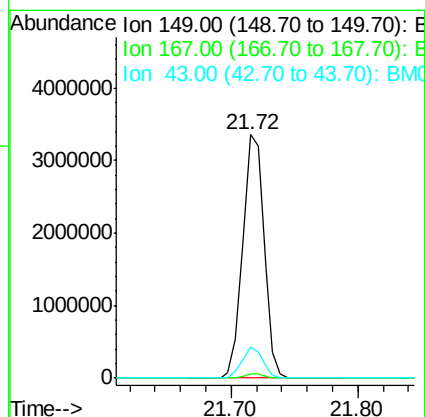
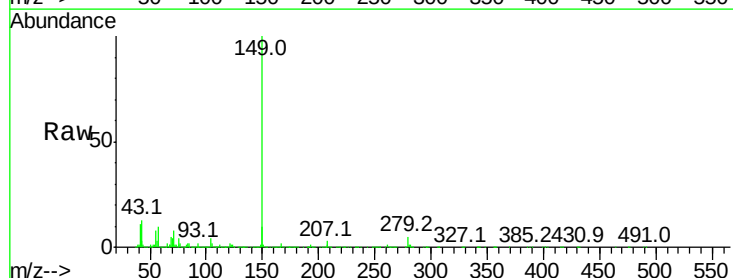
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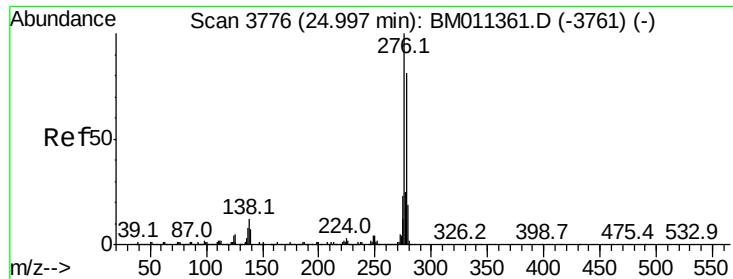
Sohil
 8/29/2017 6:00:38 PM



#84
 Di-n-octyl phthalate
 Concen: 79.097 ng
 RT: 21.72 min Scan# 3218
 Delta R.T. 0.00 min
 Lab File: BM011364.D
 Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.3	7.3	10.9#





#85

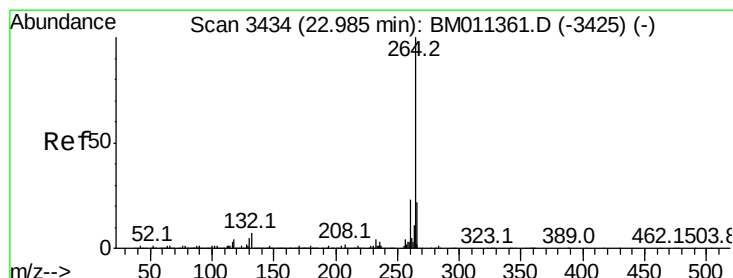
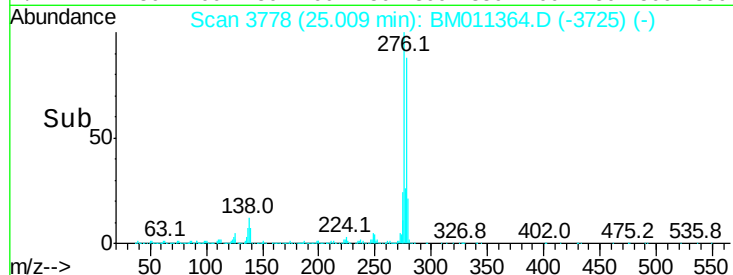
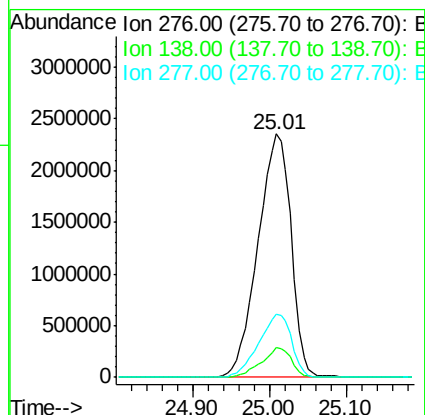
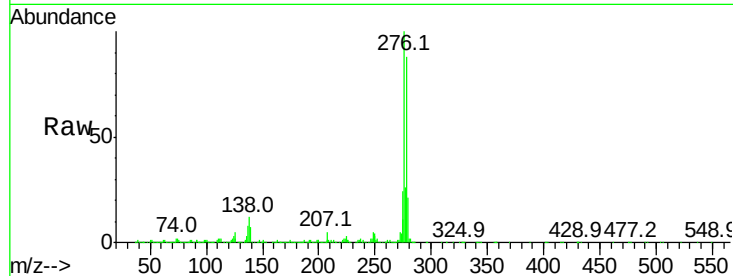
Indeno(1,2,3-cd)pyrene
Concen: 127.895 ng
RT: 25.01 min Scan# 3778
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.1	12.0	18.0#
277	25.8	20.0	30.0

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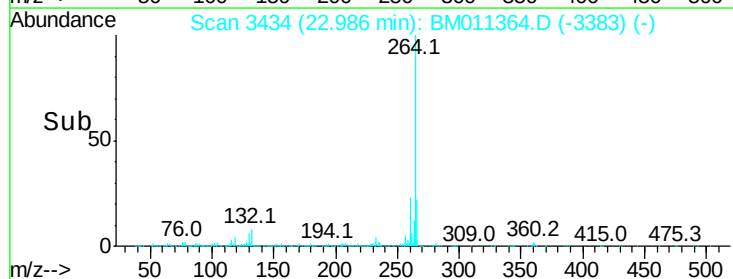
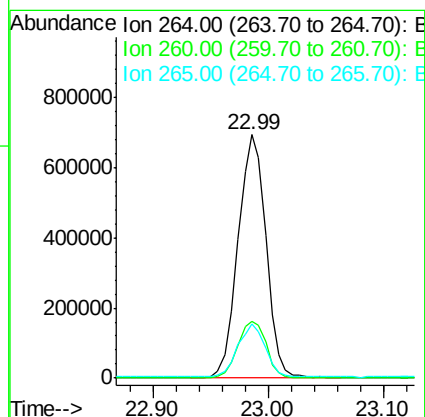
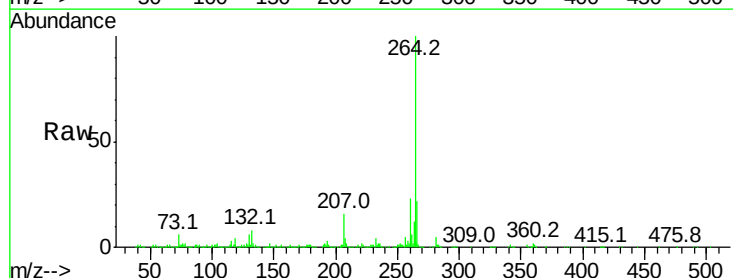
Sohil
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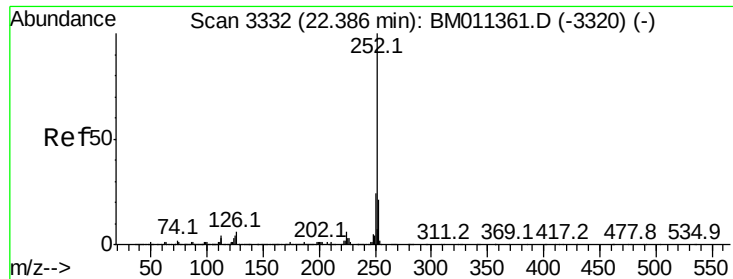


#86

Perylene-d12
Concen: 20.000 ng
RT: 22.99 min Scan# 3434
Delta R.T. 0.00 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 79.244 ng

RT: 22.39 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

ClientSampleId :

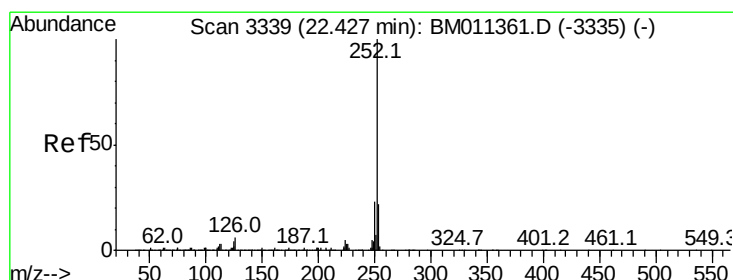
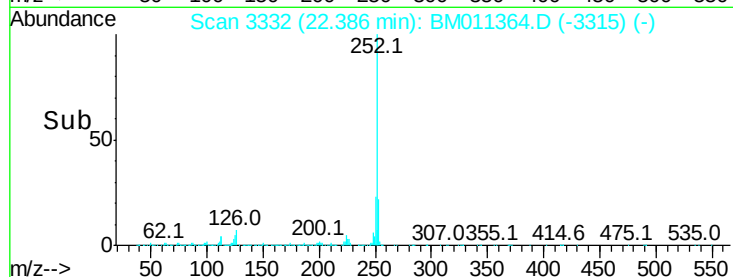
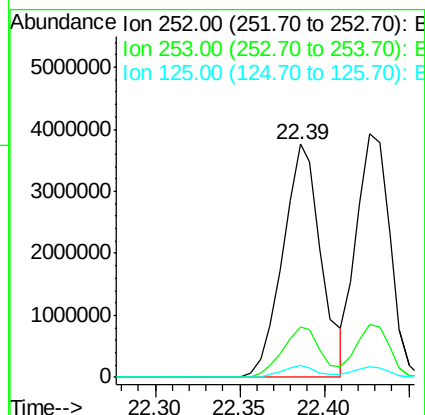
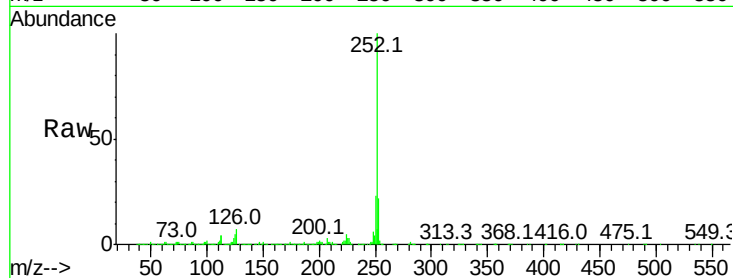
SSTDICC080

Tot Ion:252 Resp: 5928639

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.9	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 75.663 ng

RT: 22.43 min Scan# 3339

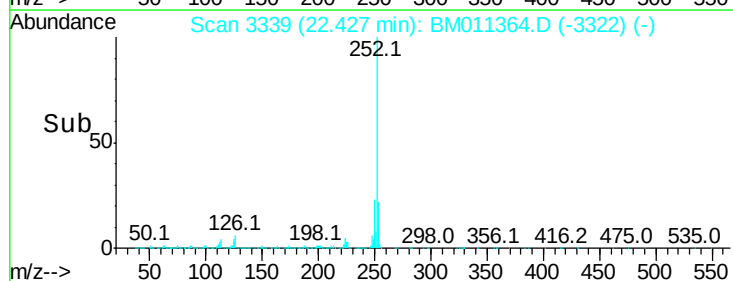
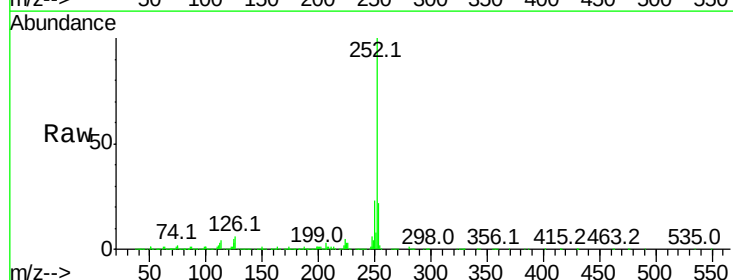
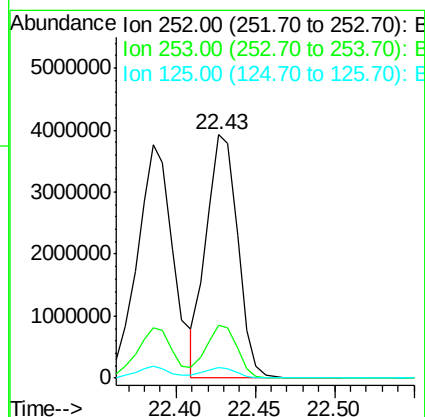
Delta R.T. 0.00 min

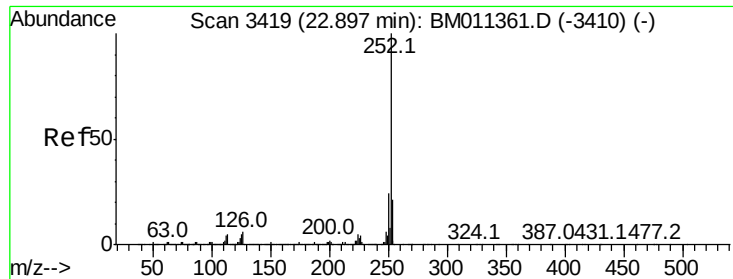
Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Tgt Ion:252 Resp: 5425487

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	4.5	8.1	12.1#





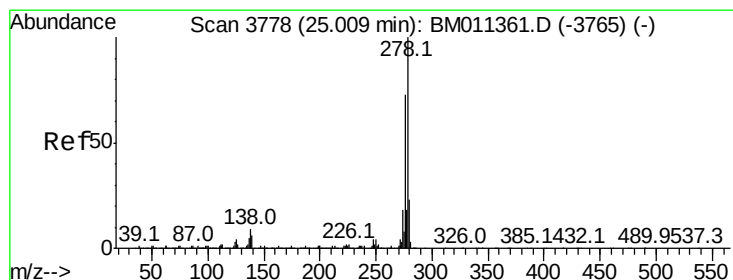
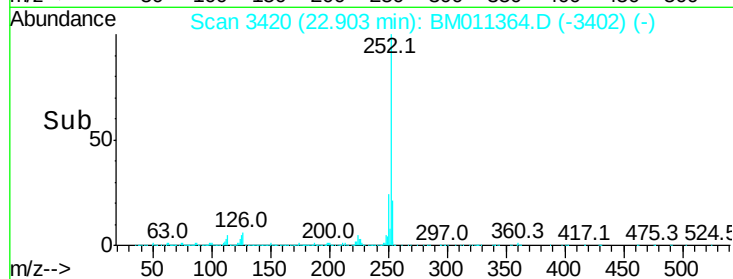
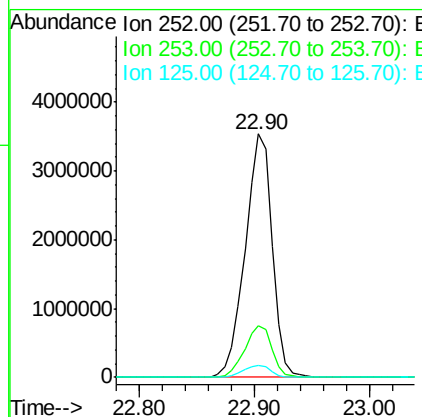
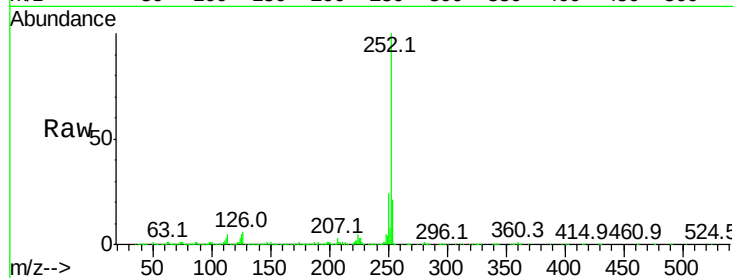
#89
Benzo(a)pyrene
Concen: 84.929 ng
RT: 22.90 min Scan# 3420
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	5.0	7.4	11.2

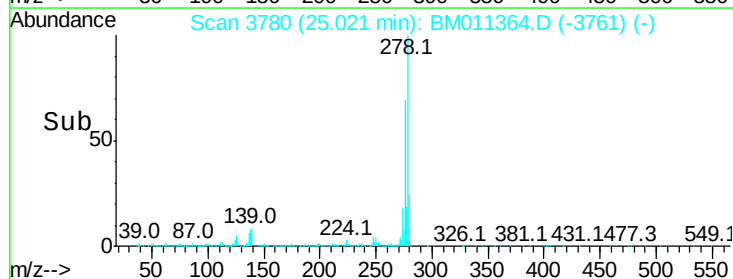
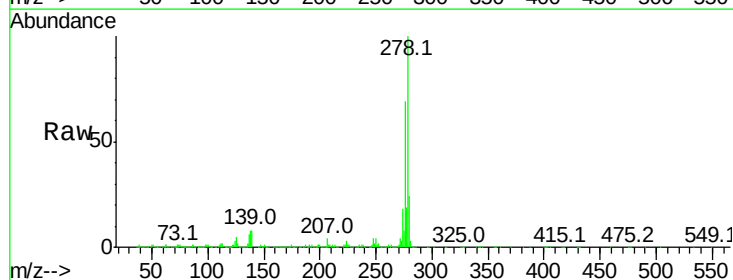
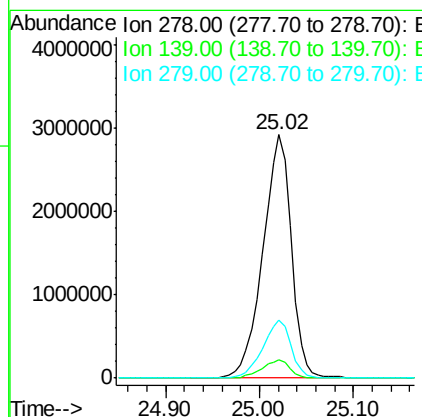
Manual Integrations
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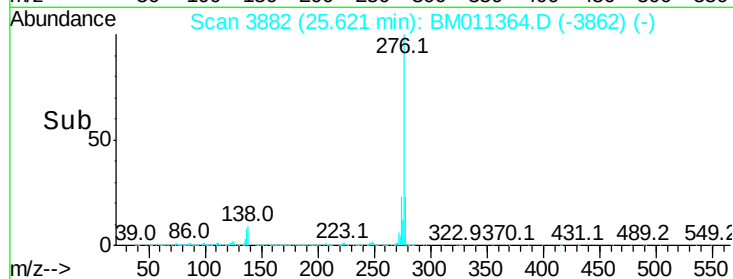
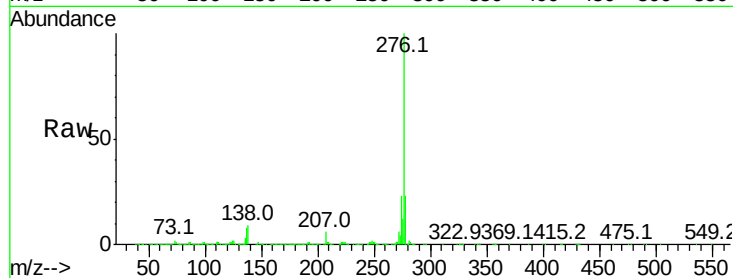
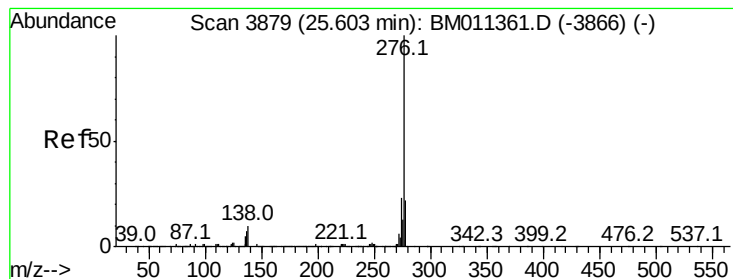
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 97.371 ng
RT: 25.02 min Scan# 3780
Delta R.T. 0.01 min
Lab File: BM011364.D
Acq: 28 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	13.4	20.0
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 99.691 ng

RT: 25.62 min Scan# 3882

Delta R.T. 0.02 min

Lab File: BM011364.D

Acq: 28 Aug 2017 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:276 Resp: 6143424

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 9.1 19.0 28.6#

Manual Integrations

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8/29/2017 6:00:38 PM

