

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016440.D
 Acq On : 17 Aug 2018 15:38
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:17:07 PM

Quant Time: Aug 17 16:11:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21262	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	94738	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	60237	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	136991	20.00	ng	0.00
75) Chrysene-d12	21.59	240	190257	20.00	ng	0.00
86) Perylene-d12	23.90	264	135983	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	194810	152.20	ng	0.00
7) Phenol-d6	7.24	99	288244	172.44	ng	0.00
23) Nitrobenzene-d5	9.26	82	386327	189.67	ng	0.01
41) 2,4,6-Tribromophenol	16.20	330	169924	222.41	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1145777	231.44	ng	0.00
78) Terphenyl-d14	20.04	244	2339084	257.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	46647	77.782	ng	# 100
3) Pyridine	3.83	79	100413	69.504	ng	# 60
4) n-Nitrosodimethylamine	3.75	42	111858	99.267	ng	# 23
6) Aniline	7.40	93	145017	75.347	ng	# 85
8) 2-Chlorophenol	7.62	128	130830	86.002	ng	# 98
9) Benzaldehyde	7.21	77	71949	61.263	ng	# 85
10) Phenol	7.26	94	138305	82.745	ng	# 84
11) bis(2-Chloroethyl)ether	7.49	93	101026	76.509	ng	# 89
12) 1,3-Dichlorobenzene	7.94	146	148475	83.382	ng	# 85
13) 1,4-Dichlorobenzene	8.09	146	149789	82.943	ng	# 93
14) 1,2-Dichlorobenzene	8.41	146	156227	88.410	ng	# 93
15) Benzyl Alcohol	8.32	79	130270	97.874	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.58	45	129154	63.909	ng	# 93
17) 2-Methylphenol	8.52	107	100144	87.657	ng	# 76
18) Hexachloroethane	9.13	117	77291	99.010	ng	# 89
19) n-Nitroso-di-n-propylamine	8.89	70	116349	95.230	ng	# 62
20) 3+4-Methylphenols	8.86	107	141179	85.890	ng	# 81
22) Acetophenone	8.90	105	224159	93.967	ng	# 76
24) Nitrobenzene	9.29	77	179345	87.474	ng	# 93
25) Isophorone	9.81	82	254756	91.437	ng	# 93
26) 2-Nitrophenol	10.00	139	79250	92.595	ng	# 29
27) 2,4-Dimethylphenol	10.05	122	105980	88.879	ng	# 77
28) bis(2-Chloroethoxy)methane	10.29	93	154550	85.346	ng	# 96
29) 2,4-Dichlorophenol	10.53	162	143490	101.269	ng	# 96
30) 1,2,4-Trichlorobenzene	10.73	180	173261	100.640	ng	# 98
31) Naphthalene	10.92	128	414167	86.379	ng	# 99
32) Benzoic acid	10.30	122	88563	97.432	ng	# 84
33) 4-Chloroaniline	11.05	127	178921	91.443	ng	# 84
34) Hexachlorobutadiene	11.17	225	148613	124.448	ng	# 97
35) Caprolactam	11.91	113	37982m	96.783	ng	# 87
36) 4-Chloro-3-methylphenol	12.18	107	162451	104.238	ng	# 87
37) 2-Methylnaphthalene	12.53	142	323635	100.761	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	227662	111.013	ng	# 98
40) Hexachlorocyclopentadiene	12.85	237	85310	101.907	ng	# 98

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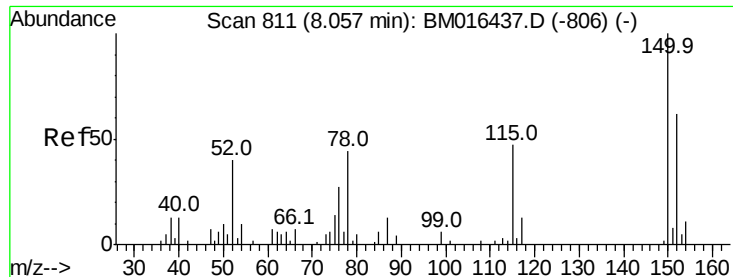
Manual Integrations
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 8/20/2018 4:17:07 PM

Quant Time: Aug 17 16:11:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	138604	108.025	nq	97
43) 2,4,5-Trichlorophenol	13.23	196	135775	102.590	nq #	86
45) 1,1'-Biphenyl	13.53	154	505920	93.064	nq	98
46) 2-Chloronaphthalene	13.59	162	394619	93.331	nq #	89
47) 2-Nitroaniline	13.82	65	131249	93.892	nq #	76
48) Acenaphthylene	14.43	152	611309	98.761	nq	99
49) Dimethylphthalate	14.17	163	518511	98.358	nq	99
50) 2,6-Dinitrotoluene	14.31	165	102499	96.635	nq #	38
51) Acenaphthene	14.77	154	343379	90.201	nq	96
52) 3-Nitroaniline	14.65	138	95688	83.522	nq #	69
53) 2,4-Dinitrophenol	14.87	184	48505	122.668	nq #	54
54) Dibenzofuran	15.10	168	633499	100.984	nq #	78
55) 4-Nitrophenol	14.96	139	64026	77.959	nq #	82
56) 2,4-Dinitrotoluene	15.10	165	175016	115.398	nq #	70
57) Fluorene	15.75	166	481228	103.231	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	119497	105.045	nq #	100
59) Diethylphthalate	15.52	149	561614	98.840	nq	95
60) 4-Chlorophenyl-phenylether	15.74	204	301159	116.050	nq #	87
61) 4-Nitroaniline	15.82	138	92114	83.801	nq #	1
62) Azobenzene	16.03	77	617381	103.170	nq #	70
64) 4,6-Dinitro-2-methylphenol	15.87	198	87361	105.065	nq	84
65) n-Nitrosodiphenylamine	15.96	169	416261	92.279	nq	97
66) 4-Bromophenyl-phenylether	16.63	248	165368	106.606	nq #	71
67) Hexachlorobenzene	16.75	284	166426	97.425	nq #	63
68) Atrazine	16.91	200	128681	79.593	nq	96
69) Pentachlorophenol	17.10	266	92313	87.269	nq	98
70) Phenanthrene	17.49	178	701272	91.436	nq	98
71) Anthracene	17.58	178	714727	95.885	nq	99
72) Carbazole	17.86	167	708934	91.805	nq #	97
73) Di-n-butylphthalate	18.38	149	1036671	107.734	nq #	95
74) Fluoranthene	19.49	202	911327	106.523	nq	96
76) Benzidine	19.67	184	297133	55.888	nq	99
77) Pyrene	19.84	202	967831	84.886	nq	99
79) Butylbenzylphthalate	20.71	149	513401	88.639	nq #	74
80) Benzo(a)anthracene	21.57	228	1078347	92.024	nq	99
81) 3,3'-Dichlorobenzidine	21.50	252	373696	79.174	nq	98
82) Chrysene	21.63	228	994508	88.474	nq	100
83) Bis(2-ethylhexyl)phthalate	21.46	149	805857	96.002	nq	93
84) Di-n-octyl phthalate	22.36	149	1241020	87.966	nq #	88
85) Indeno(1,2,3-cd)pyrene	26.26	276	725463	54.387	nq	99
87) Benzo(b)fluoranthene	23.20	252	814724	101.760	nq #	93
88) Benzo(k)fluoranthene	23.25	252	815621	100.520	nq #	96
89) Benzo(a)pyrene	23.80	252	724345	94.110	nq #	96
90) Dibenzo(a,h)anthracene	26.26	278	628152	78.770	nq #	93
91) Benzo(g,h,i)perylene	26.98	276	501659	66.513	nq #	87

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



#1

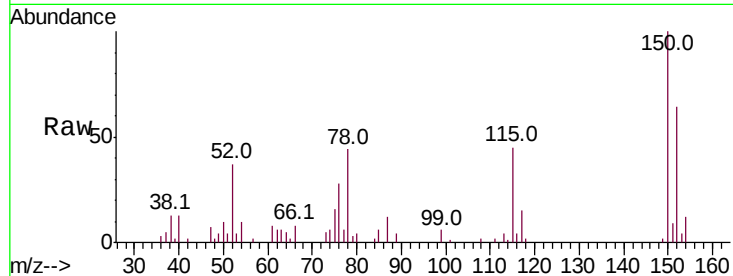
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.5	179.3
115	71.1	43.0	64.4

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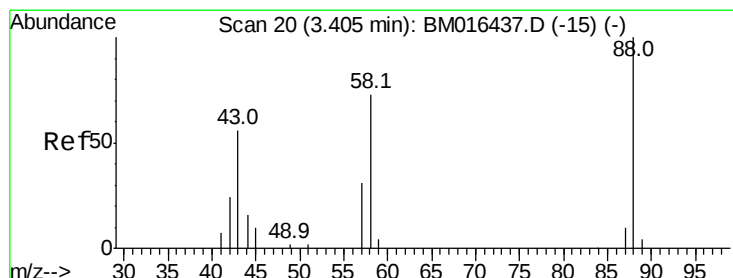
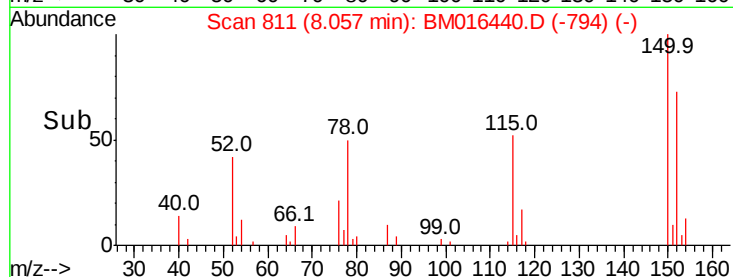
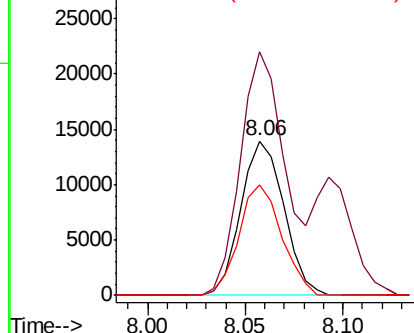


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

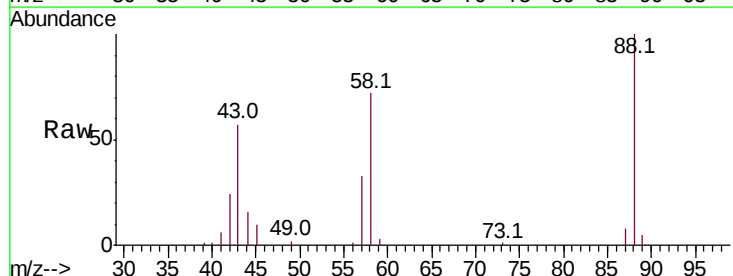
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 77.782 ng
RT: 3.40 min Scan# 19
Delta R.T. -0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	0.0	0.0
43	56.3	0.0	0.0

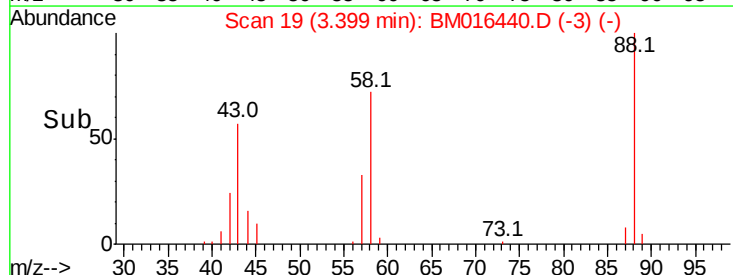
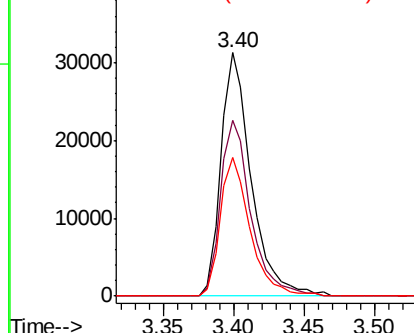


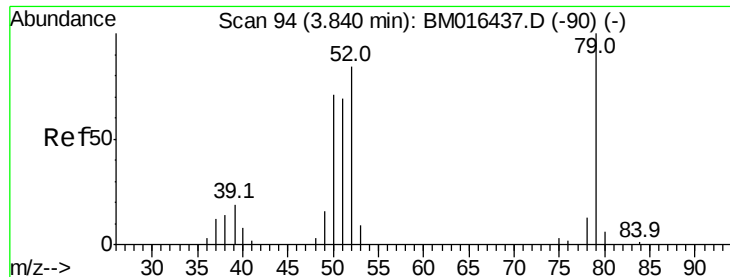
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





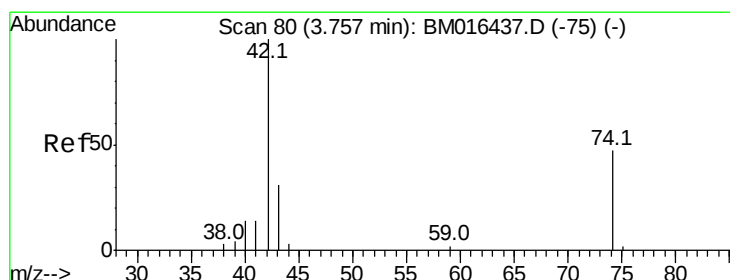
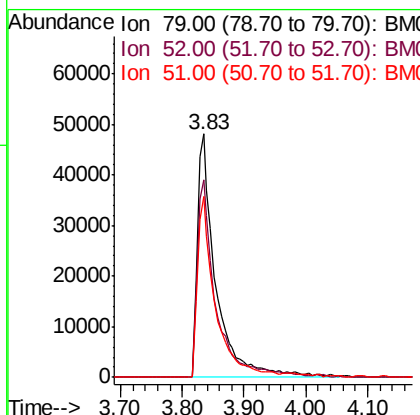
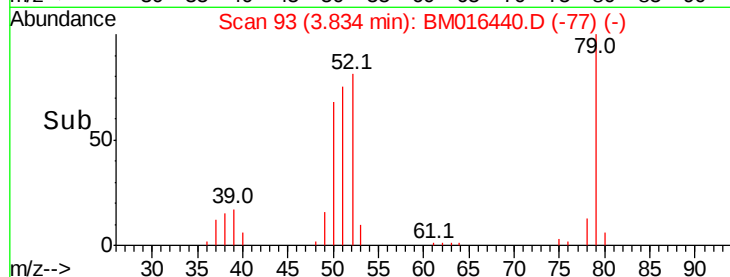
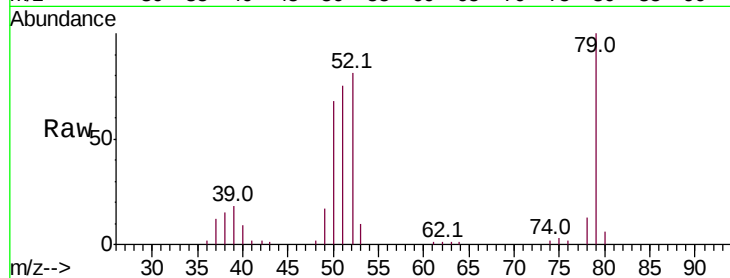
#3
 Pvridine
 Concen: 69.504 ng
 RT: 3.83 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.3	51.1	76.7#
51	74.5	26.1	39.1#

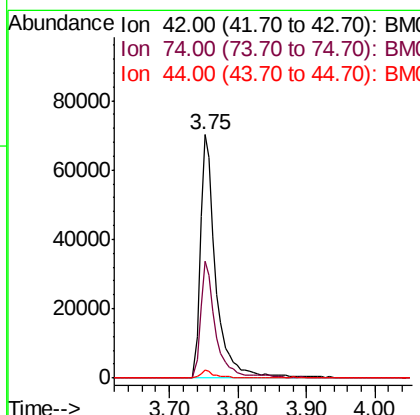
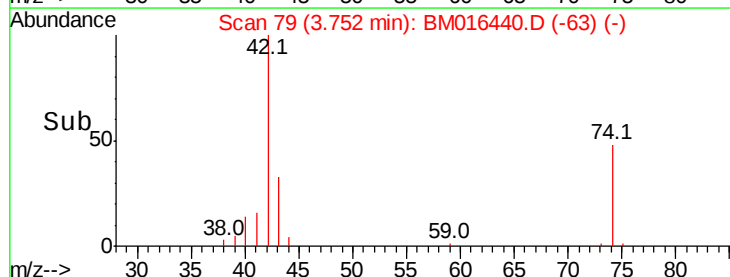
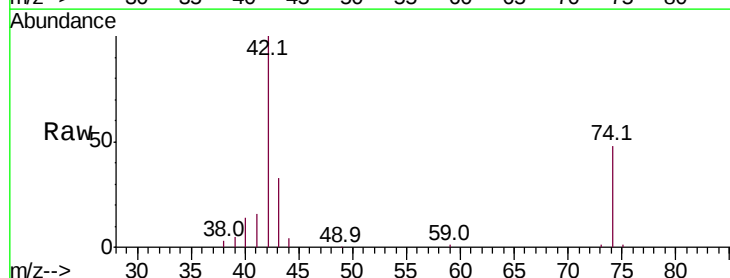
Manual Integrations
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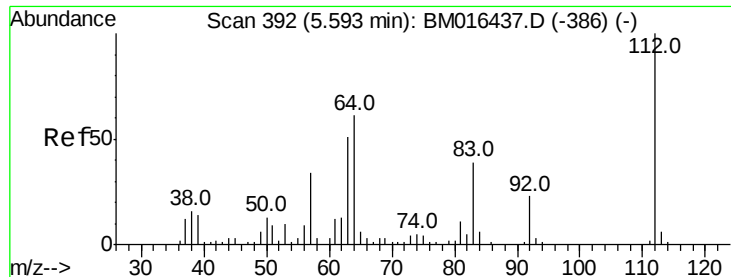
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#4
 n-Nitrosodimethylamine
 Concen: 99.267 ng
 RT: 3.75 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	47.9	119.3	178.9#
44	3.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 99.267 ng

RT: 5.59 min Scan# 392

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 112 Resp: 194810
Ion Ratio Lower Upper

112 100

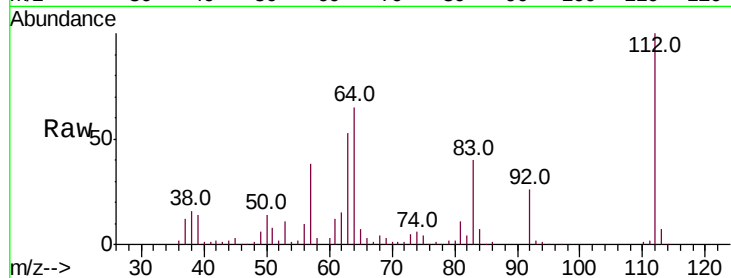
64 64.5 38.6 57.8#

63 52.8 19.3 28.9#

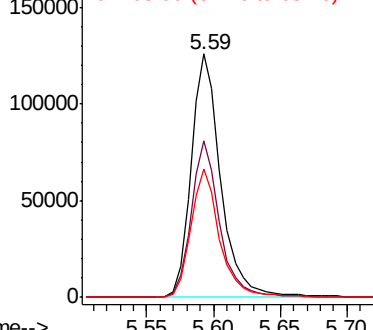
Manual Integrations
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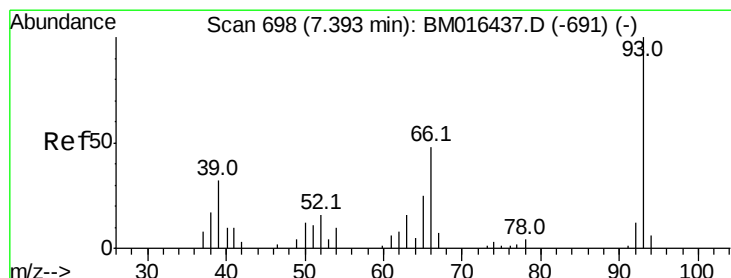
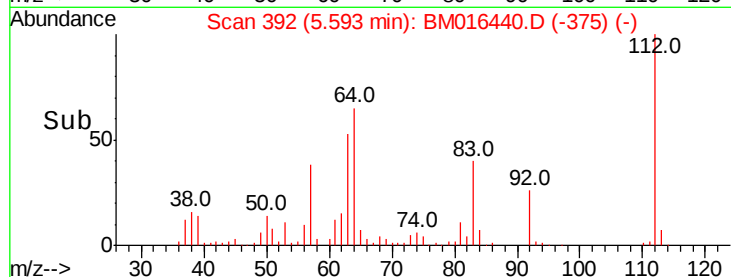
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Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BM
Ion 63.00 (62.70 to 63.70): BM



Time-->



#6

Aniline

Concen: 75.347 ng

RT: 7.40 min Scan# 699

Delta R.T. 0.01 min

Lab File: BM016440.D

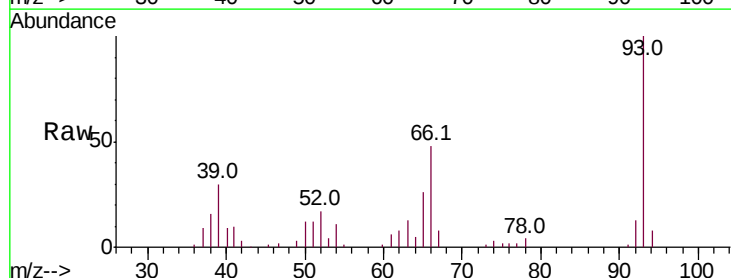
Acq: 17 Aug 2018 15:38

Tgt Ion: 93 Resp: 145017
Ion Ratio Lower Upper

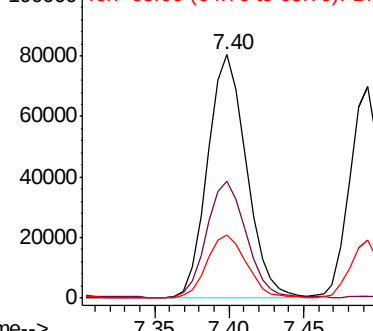
93 100

66 48.2 30.8 46.2#

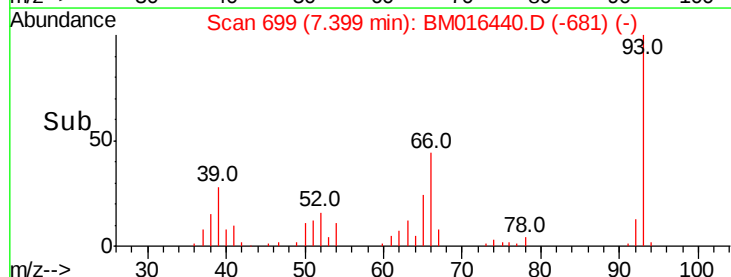
65 26.1 16.0 24.0#

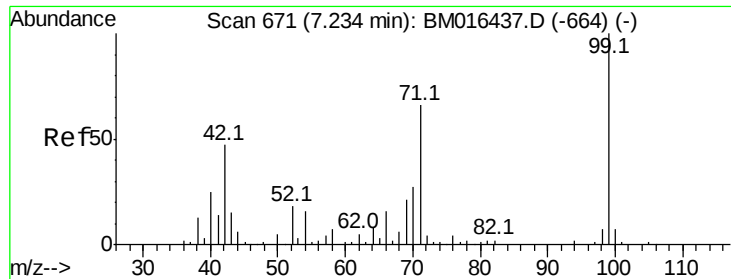


Abundance Ion 93.00 (92.70 to 93.70): BM
Ion 66.00 (65.70 to 66.70): BM
Ion 65.00 (64.70 to 65.70): BM



Time-->





#7

Phenol-d6

Concen: 75.347 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 288244

Ion Ratio Lower Upper

99 100

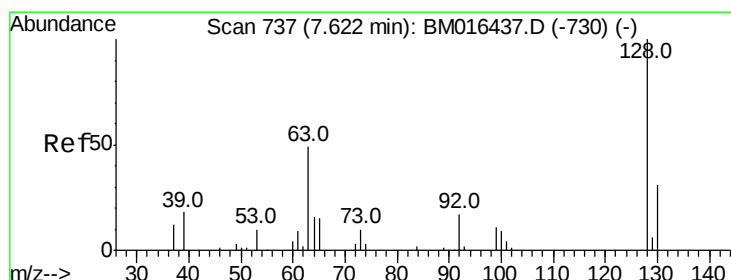
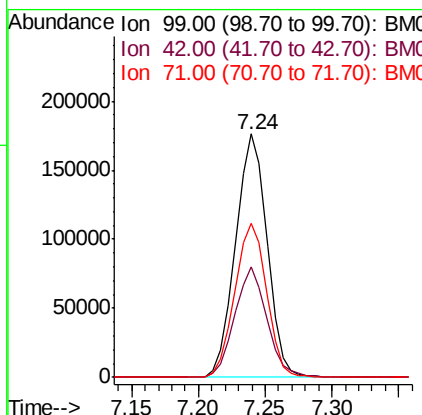
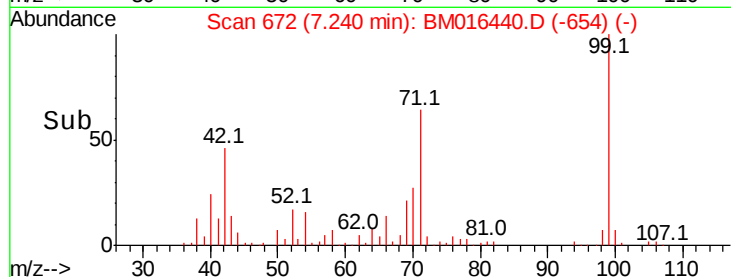
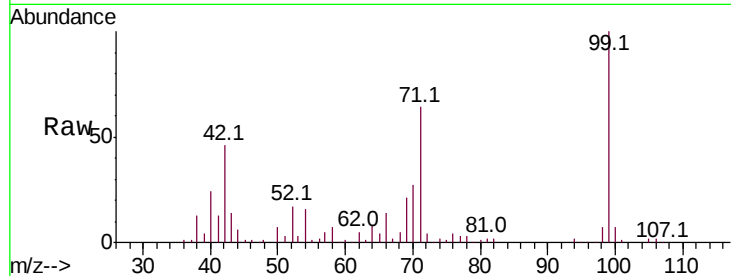
42 45.6 11.0 16.4#

71 63.5 23.4 35.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 86.002 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

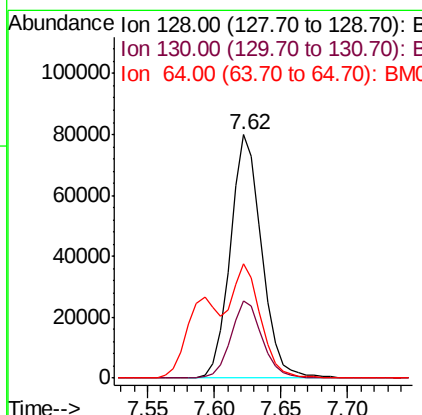
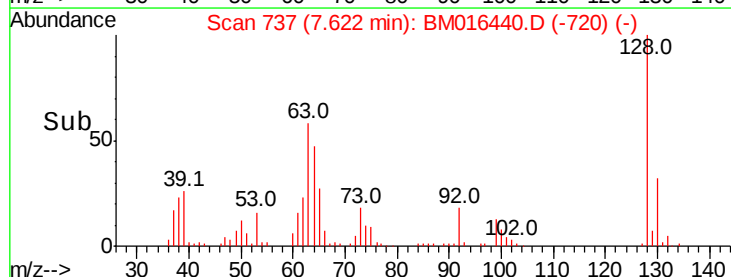
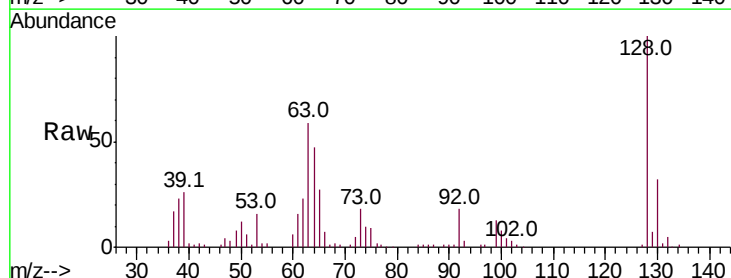
Tgt Ion: 128 Resp: 130830

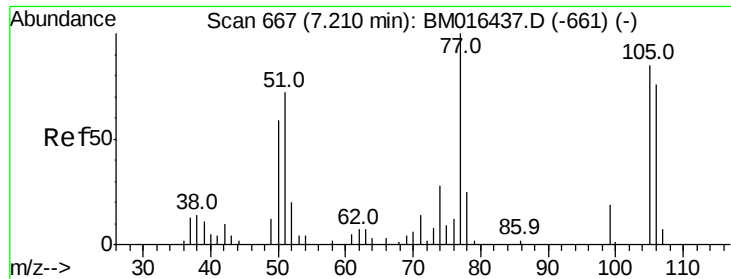
Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

64 46.9 24.9 64.9





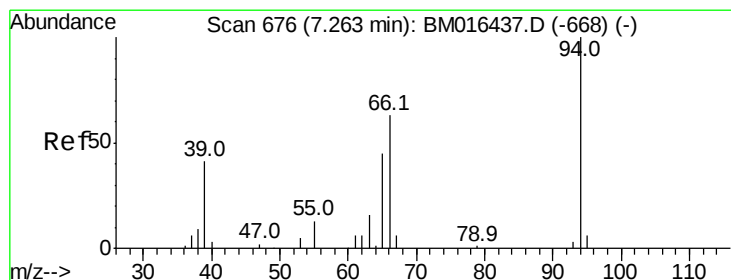
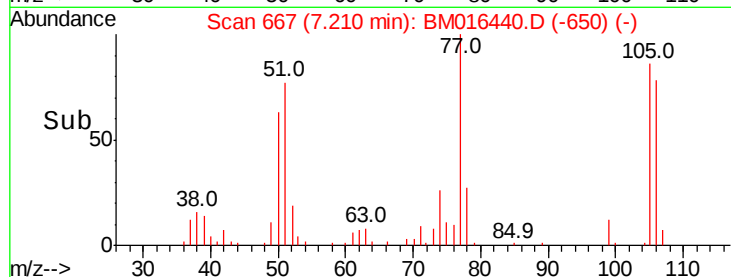
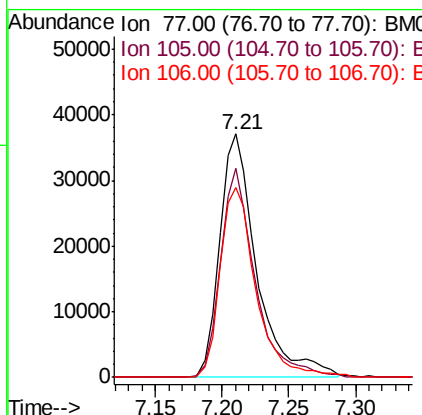
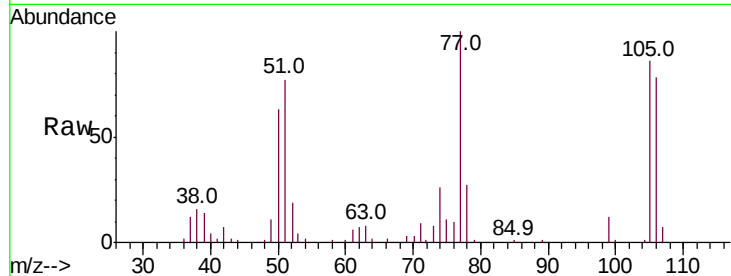
#9
Benzaldehyde
Concen: 61.263 ng
RT: 7.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion: 77 Resp: 71949
Ion Ratio Lower Upper
77 100
105 85.6 78.8 118.8
106 78.1 73.7 113.7

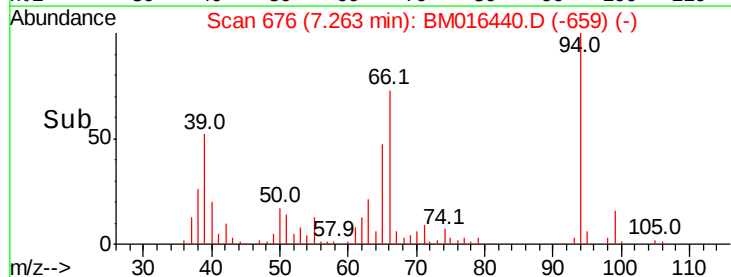
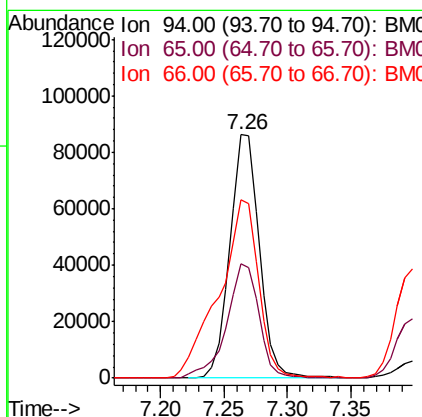
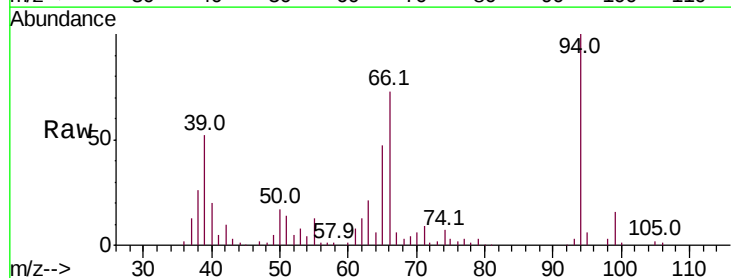
Manual Integrations
APPROVED

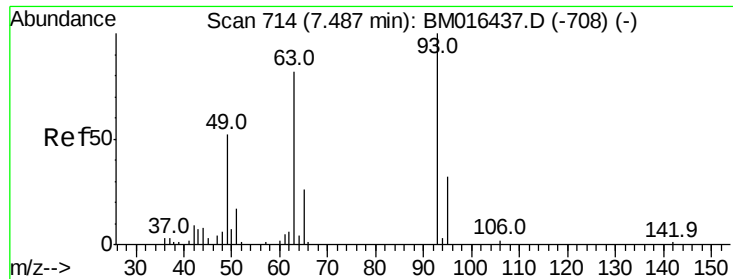
Sohil
8/20/2018 4:17:07 PM



#10
Phenol
Concen: 82.745 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion: 94 Resp: 138305
Ion Ratio Lower Upper
94 100
65 47.1 18.8 58.8
66 73.1 39.9 79.9





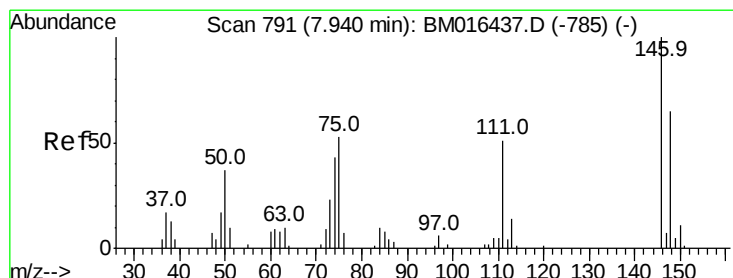
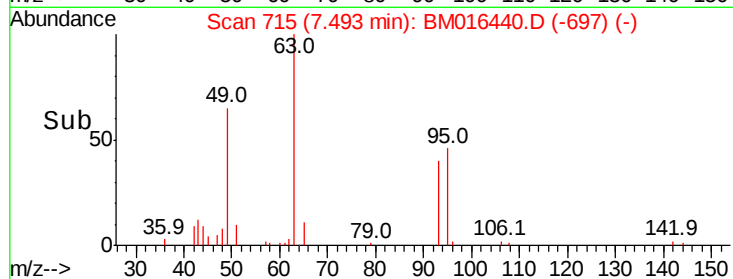
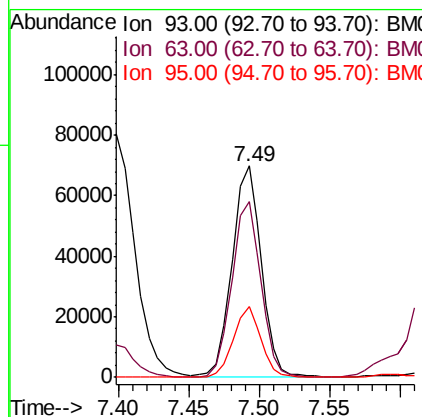
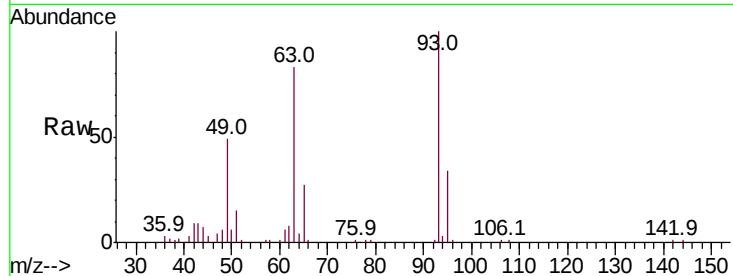
#11
bis(2-Chloroethyl)ether
Concen: 76.509 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	93	Resp	101026
Ion Ratio	Lower	Upper	
93	100		
63	83.0	49.5	89.5
95	33.6	13.5	53.5

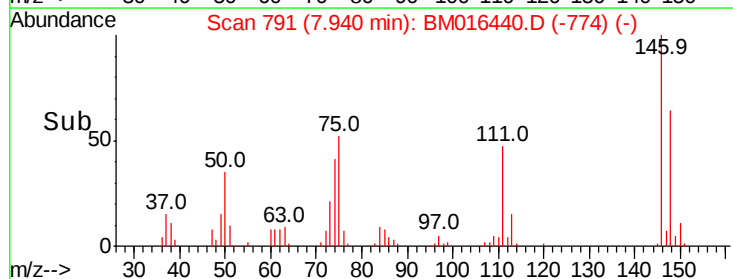
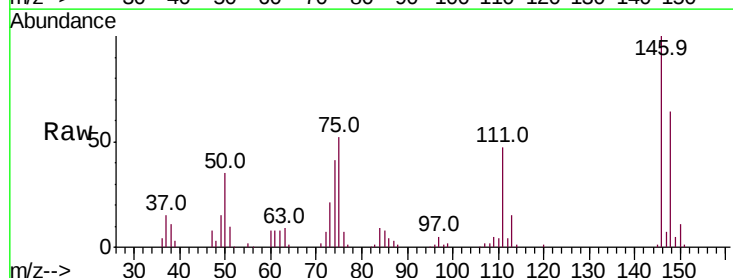
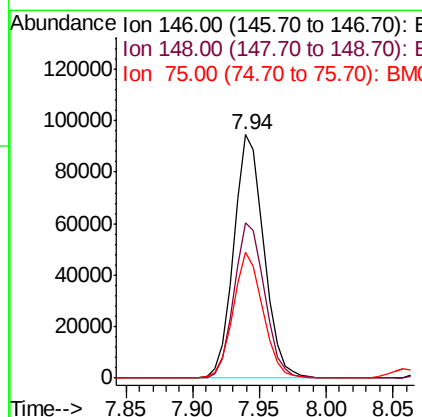
Manual Integrations
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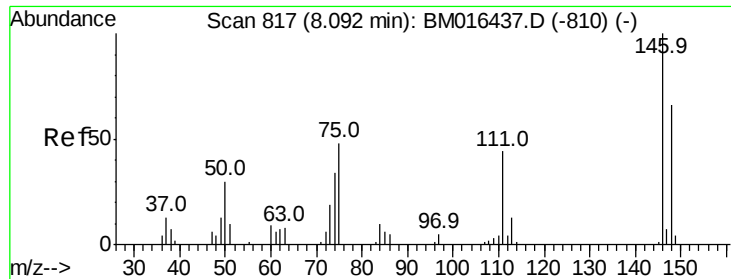
Sohil
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#12
1,3-Dichlorobenzene
Concen: 83.382 ng
RT: 7.94 min Scan# 791
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	146	Resp	148475
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.9	76.3
75	51.5	21.4	32.2#





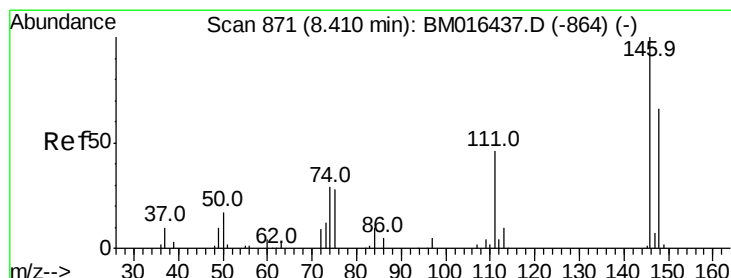
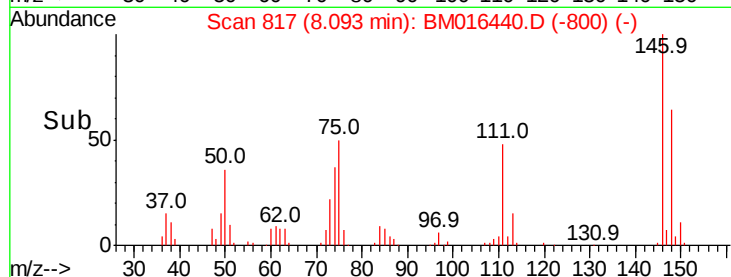
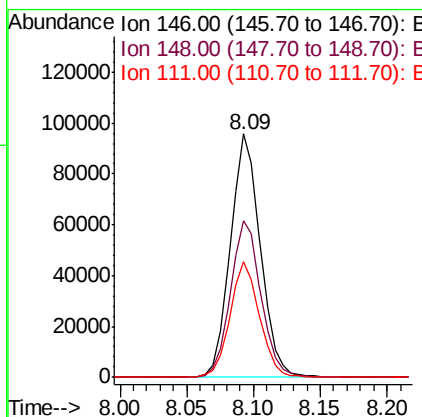
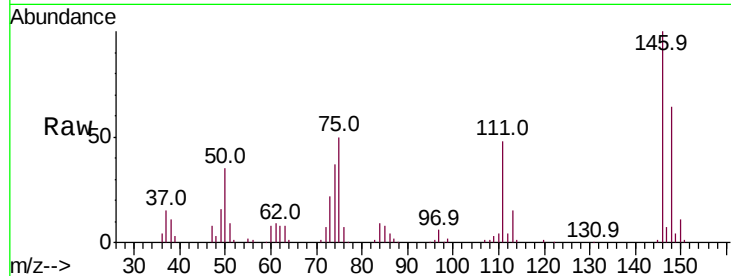
#13
 1,4-Dichlorobenzene
 Concen: 82.943 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	47.6	29.2	43.8

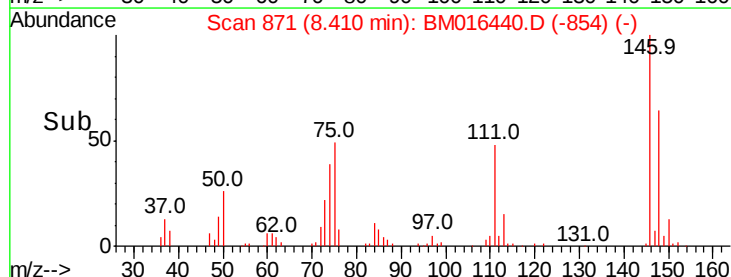
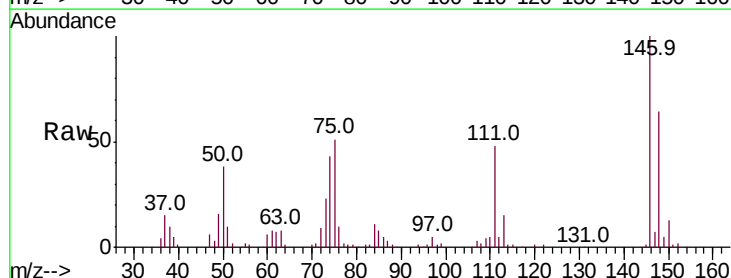
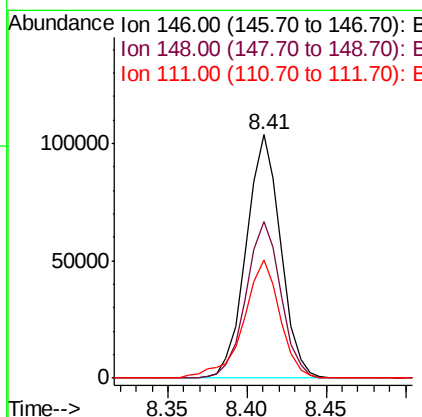
Manual Integrations
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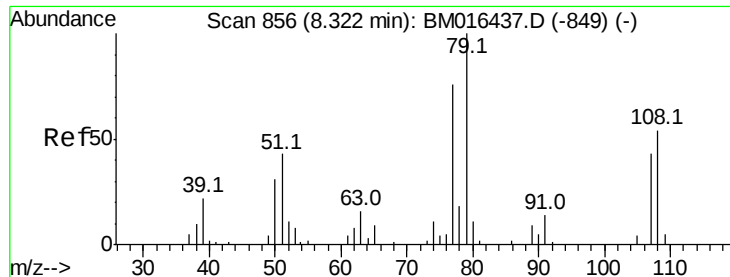
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 88.410 ng
 RT: 8.41 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
111	48.3	30.6	45.8





#15

Benzyl Alcohol

Concen: 97.874 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampled :

SSTDIC080

Tot Ion: 79 Resp: 130270

Ion Ratio Lower Upper

79 100

108 58.0 65.0 97.4#

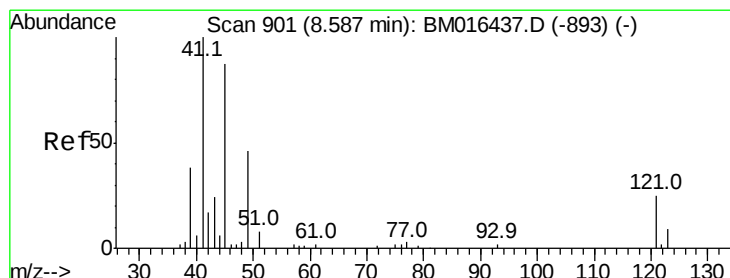
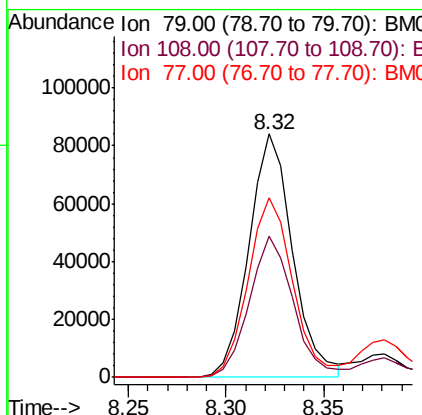
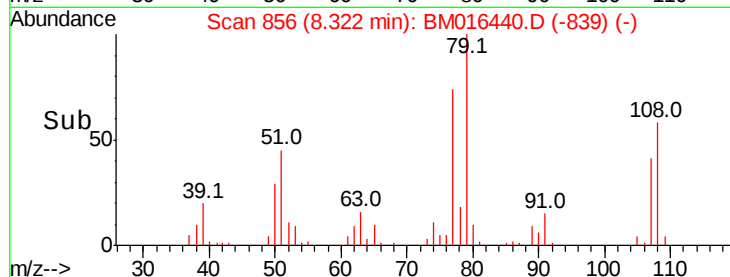
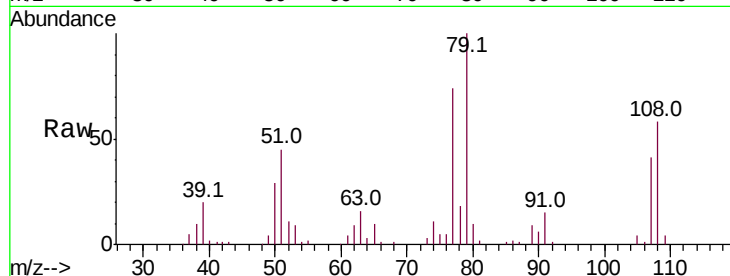
77 73.6 53.0 79.6

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.909 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

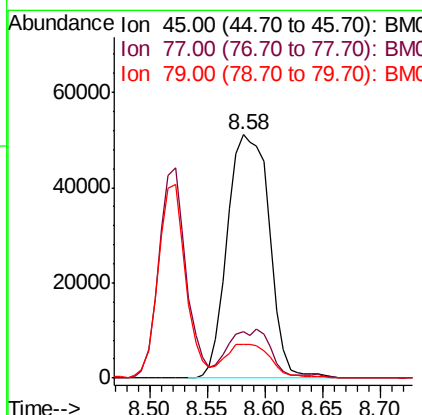
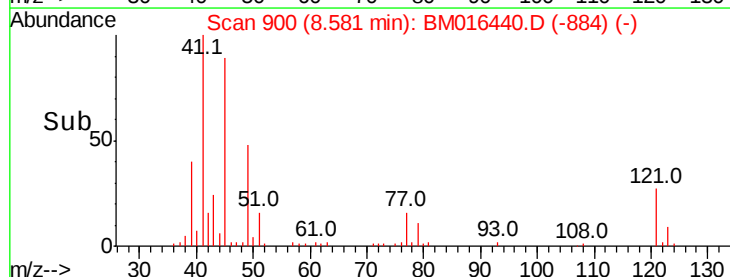
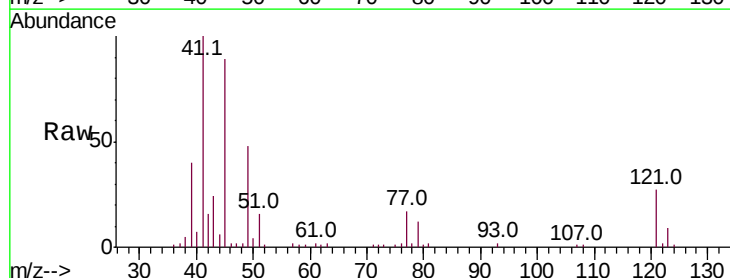
Tgt Ion: 45 Resp: 129154

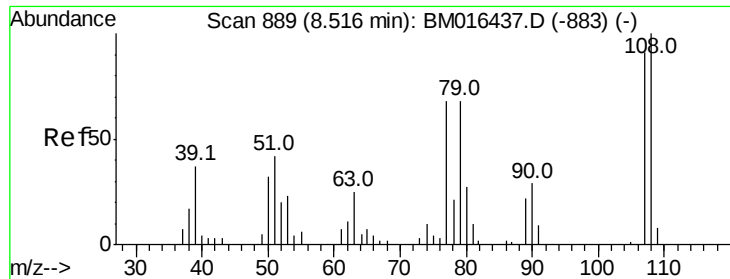
Ion Ratio Lower Upper

45 100

77 19.1 0.0 35.2

79 13.8 0.0 32.0





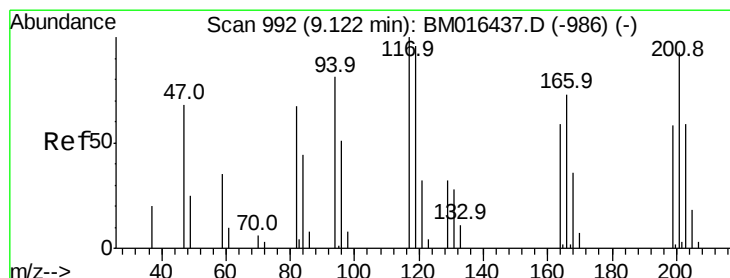
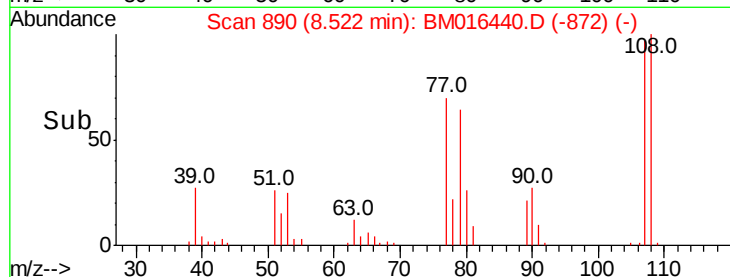
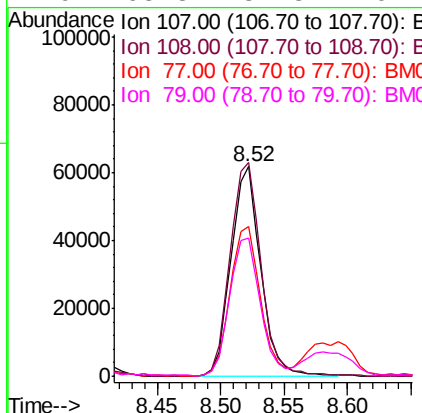
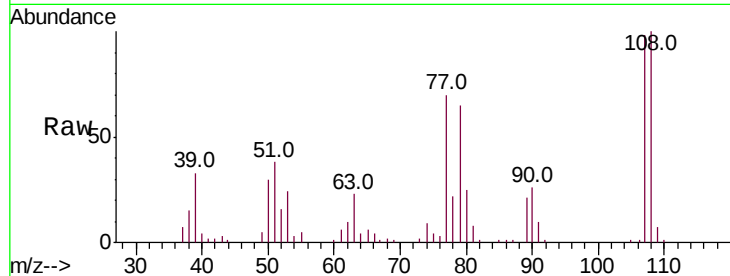
#17
2-Methylphenol
Concen: 87.657 ng
RT: 8.52 min Scan# 890
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	100144		
108	101.9	89.8	134.8	
77	71.6	32.6	48.8	
79	65.8	32.8	49.2	

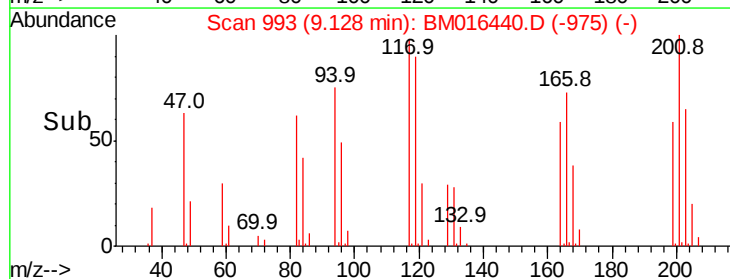
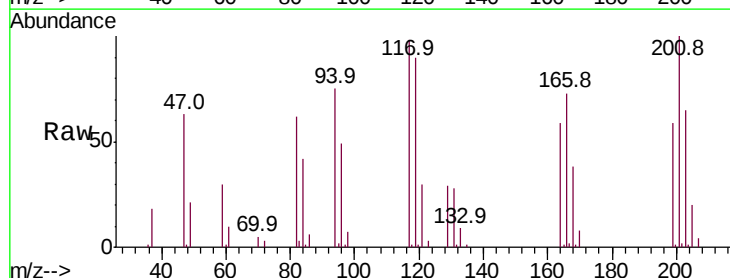
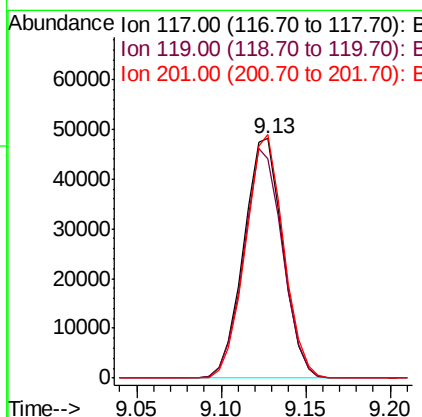
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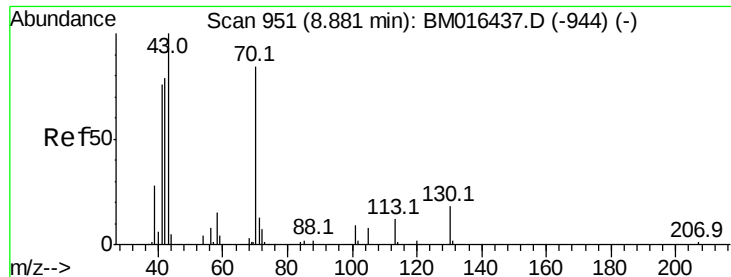
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#18
Hexachloroethane
Concen: 99.010 ng
RT: 9.13 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77291		
119	91.4	79.2	118.8	
201	101.8	69.8	104.6	





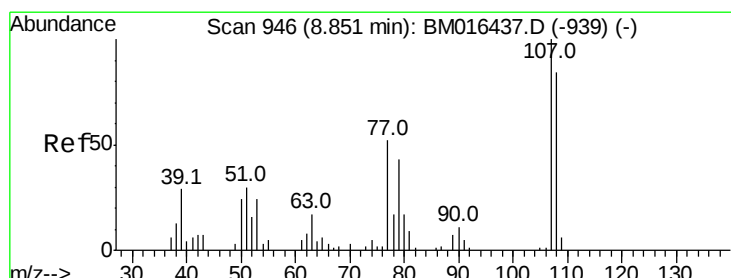
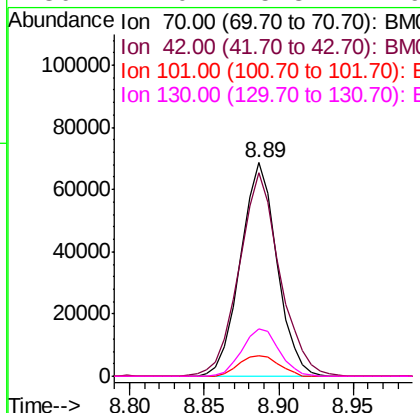
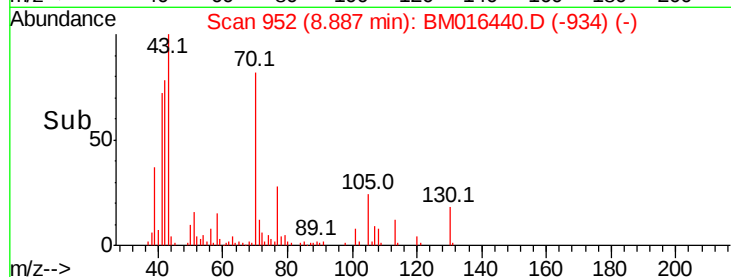
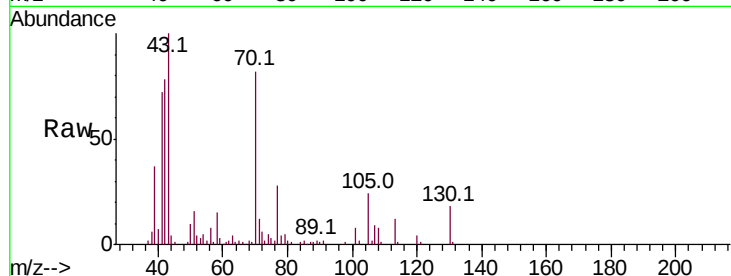
#19
n-Nitroso-di-n-propylamine
Concen: 95.230 ng
RT: 8.89 min Scan# 952
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	95.6	44.5	66.7#	
101	9.9	7.4	11.2	
130	22.0	15.3	22.9	

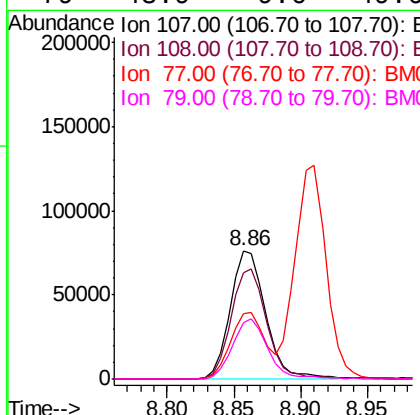
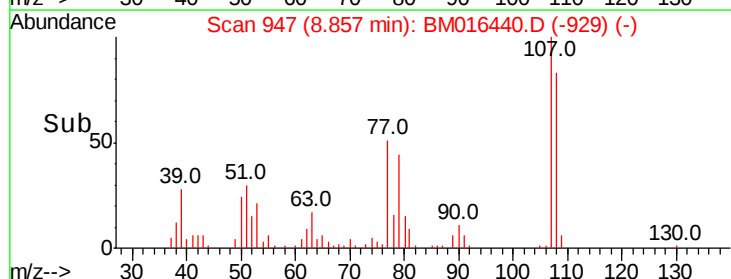
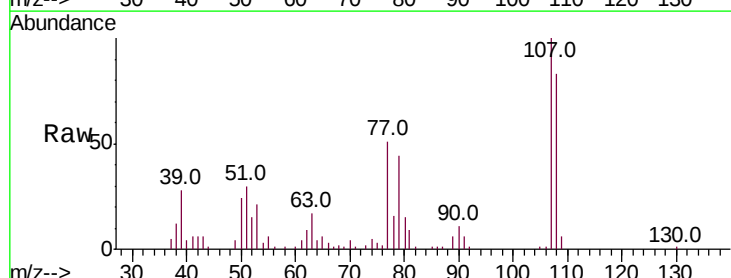
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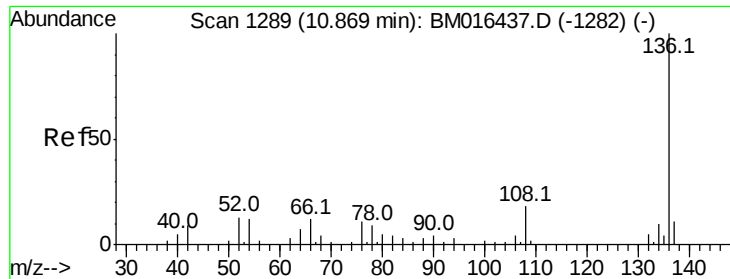
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#20
3+4-Methylphenols
Concen: 85.890 ng
RT: 8.86 min Scan# 947
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.8	73.2	113.2	
77	51.0	10.7	50.7#	
79	43.9	9.6	49.6	





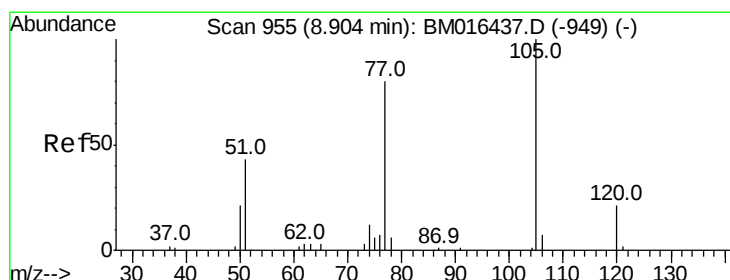
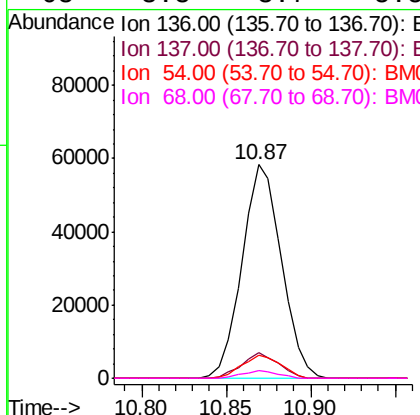
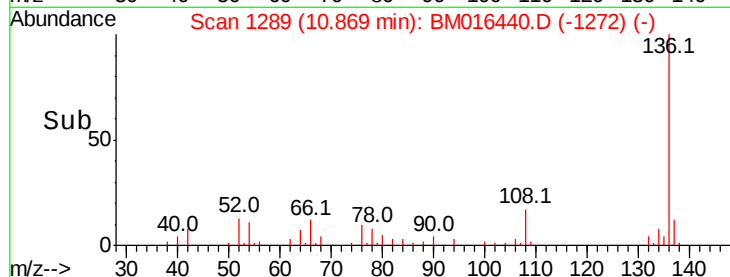
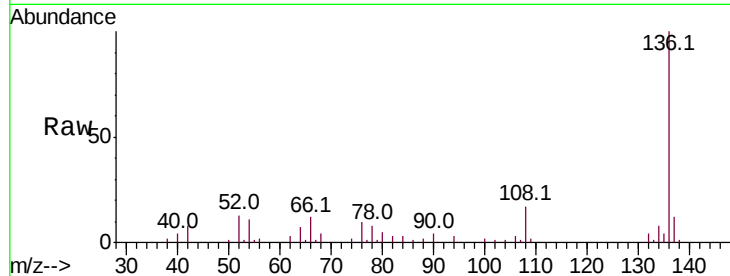
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.7	13.1	
54	10.8	4.6	6.8	
68	3.8	3.7	5.5	

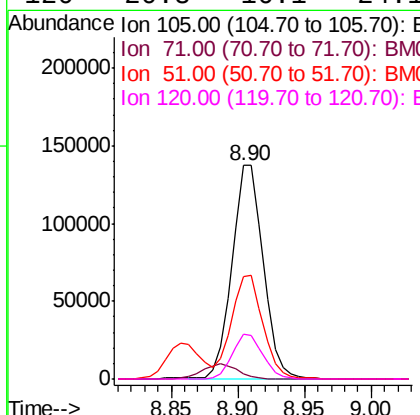
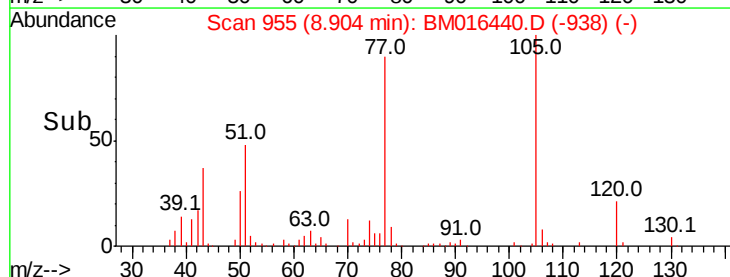
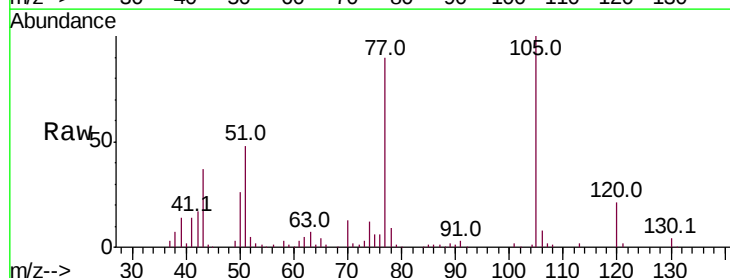
Manual Integrations
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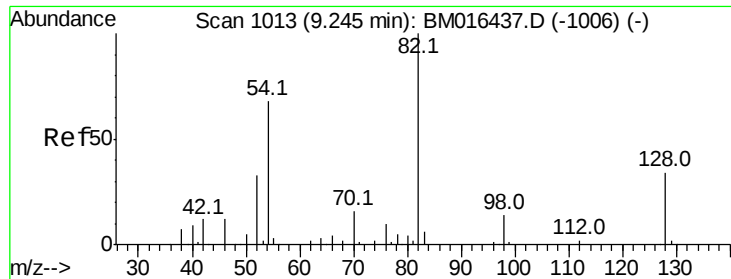
Sohil
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#22
Acetophenone
Concen: 93.967 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	0.6	1.0	
51	48.1	21.6	32.4	
120	20.8	16.1	24.1	





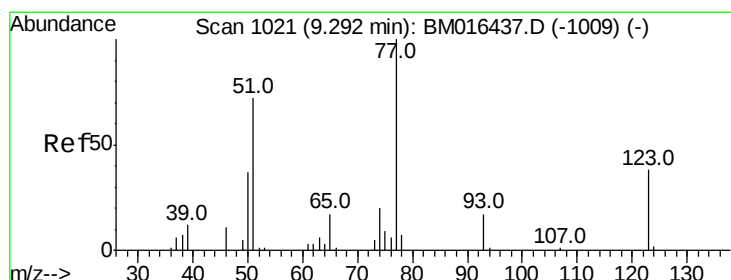
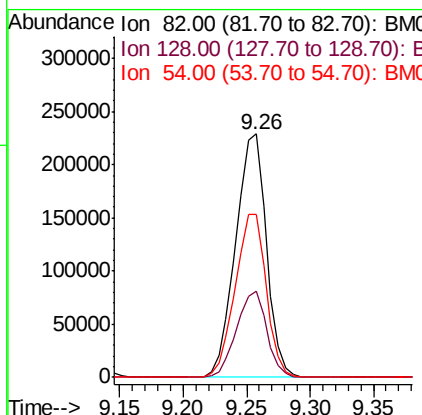
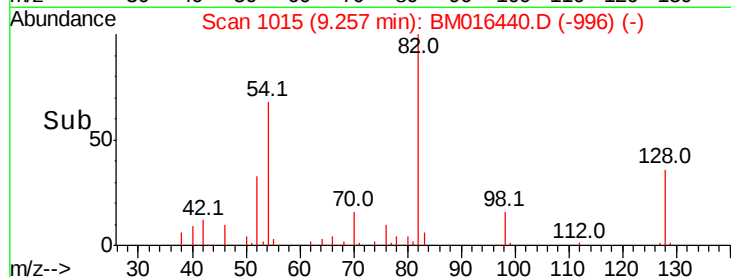
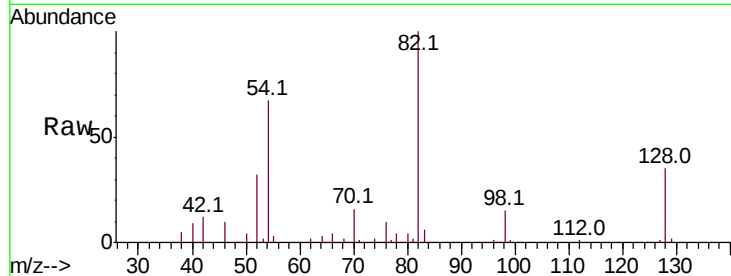
#23
 Nitrobenzene-d5
 Concen: 93.967 ng
 RT: 9.26 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.2	32.8	49.2	
54	66.8	40.6	60.8	

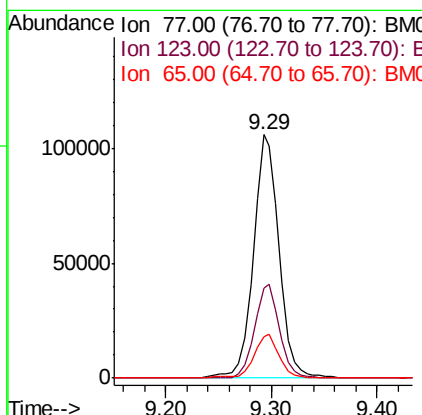
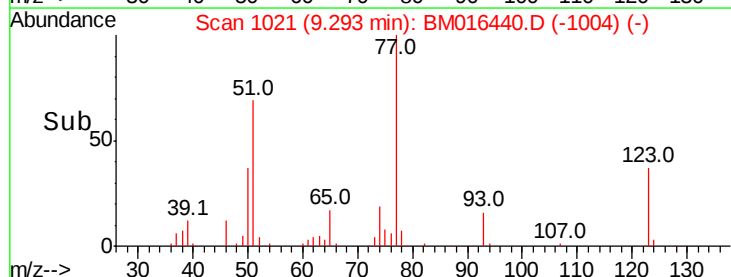
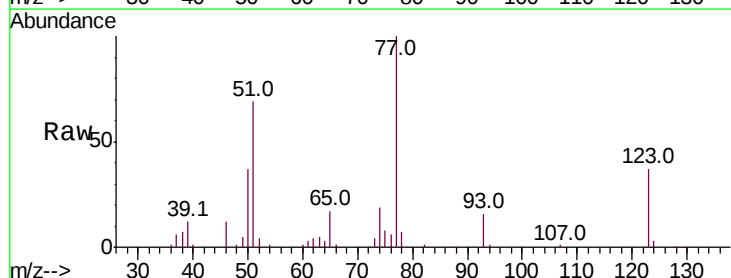
Manual Integrations
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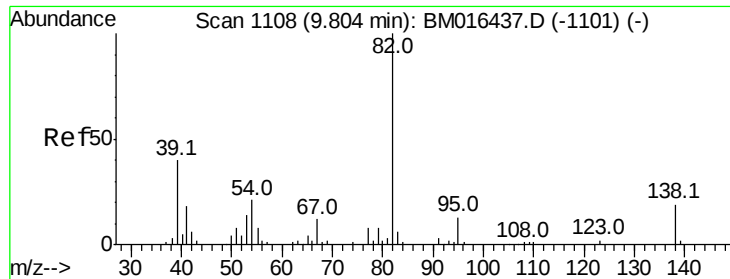
Sohil
 8/20/2018 4:17:07 PM



#24
 Nitrobenzene
 Concen: 87.474 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.1	32.6	49.0	
65	17.2	10.9	16.3	





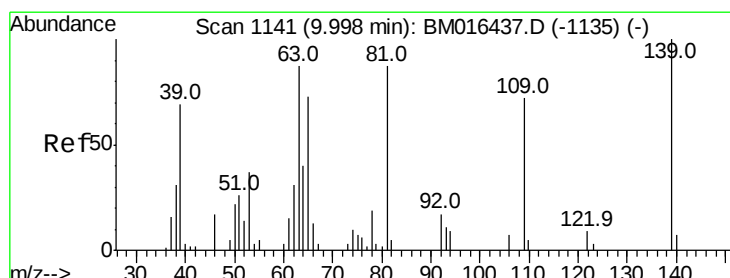
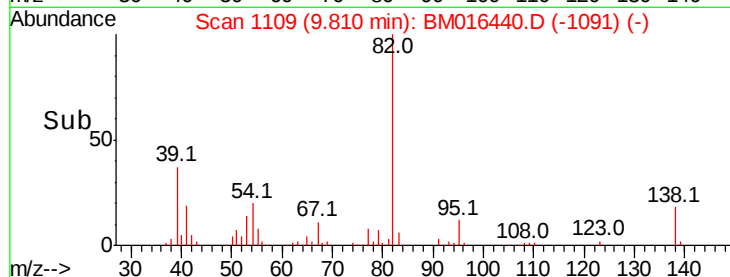
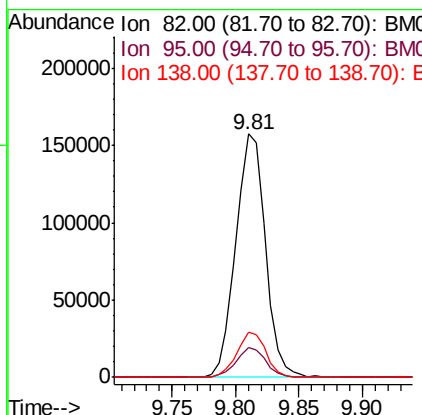
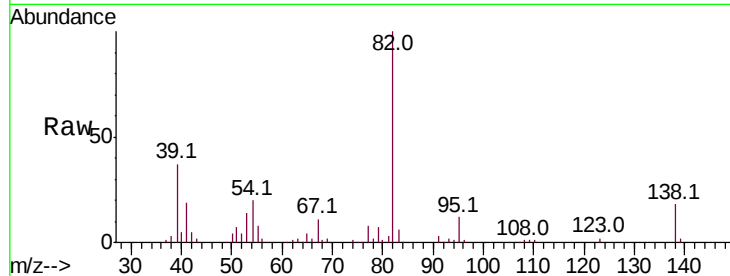
#25
Isophorone
Concen: 91.437 ng
RT: 9.81 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	12.2	5.8	8.6#	
138	18.3	16.3	24.5	

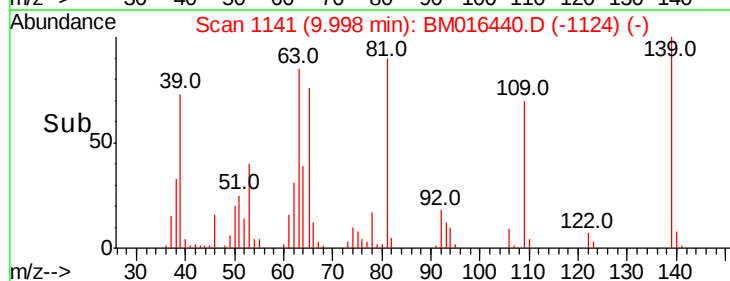
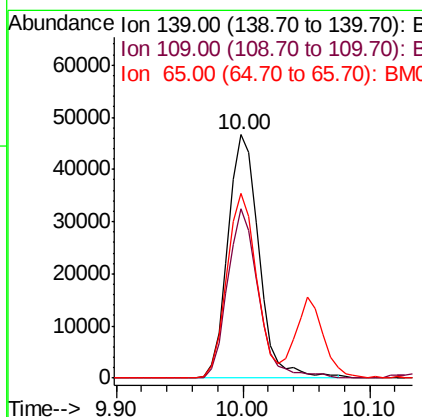
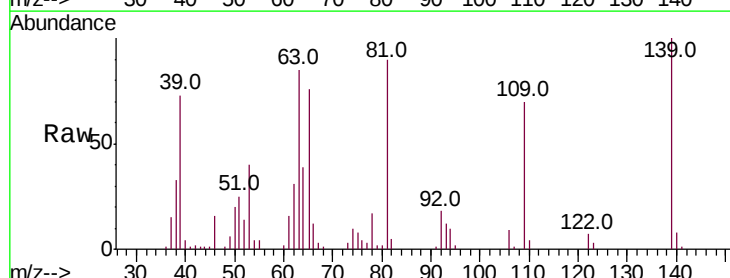
Manual Integrations
APPROVED

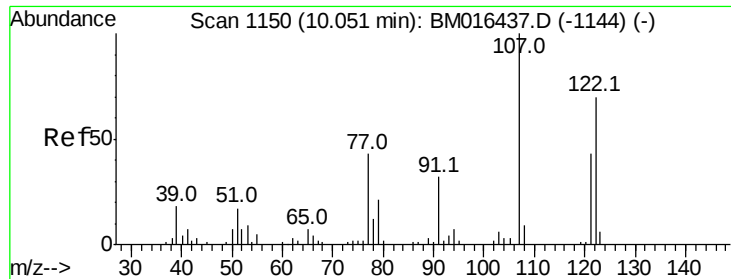
Sohil
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#26
2-Nitrophenol
Concen: 92.595 ng
RT: 10.00 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.7	20.1	30.1#	
65	76.1	31.5	47.3#	





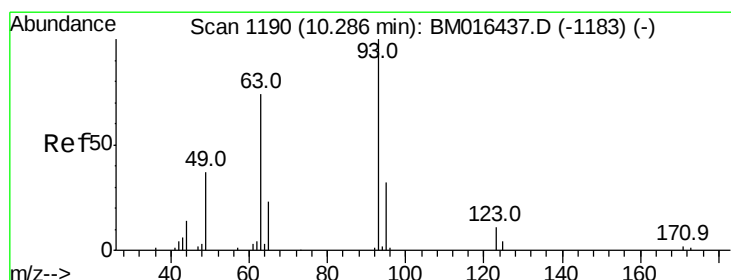
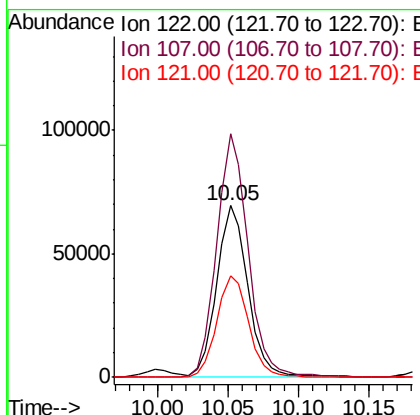
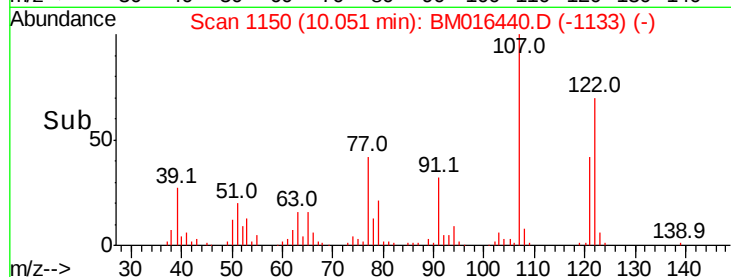
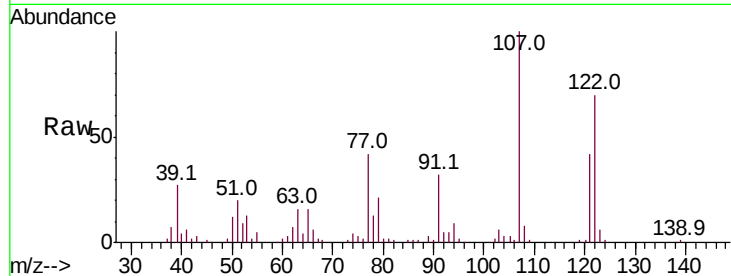
#27
2,4-Dimethylphenol
Concen: 88.879 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100	105980		
107	142.1	84.7	127.1#	
121	59.5	46.6	69.8	

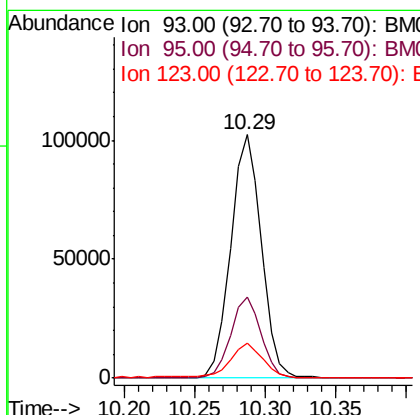
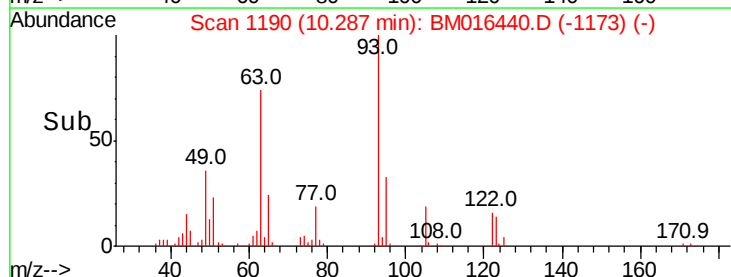
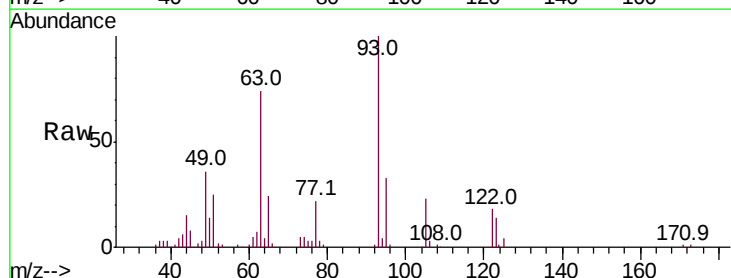
Manual Integrations
APPROVED

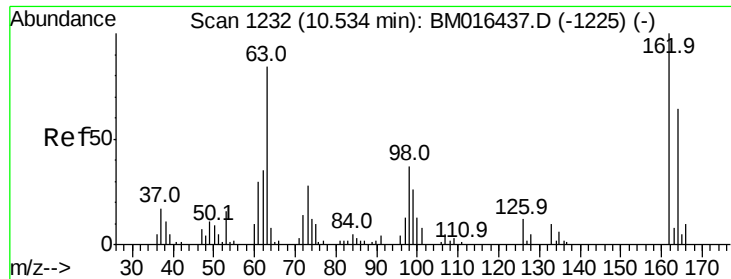
Sohil
8/20/2018 4:17:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 85.346 ng
RT: 10.29 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154550		
95	33.2	25.5	38.3	
123	14.3	8.6	13.0#	





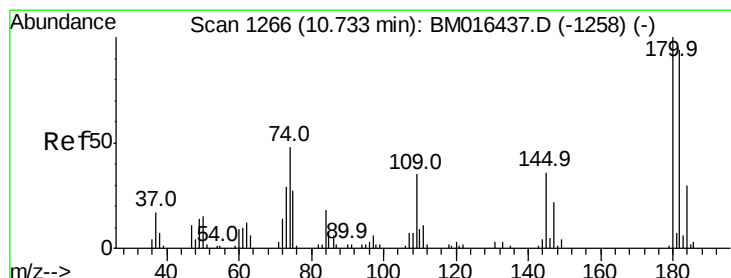
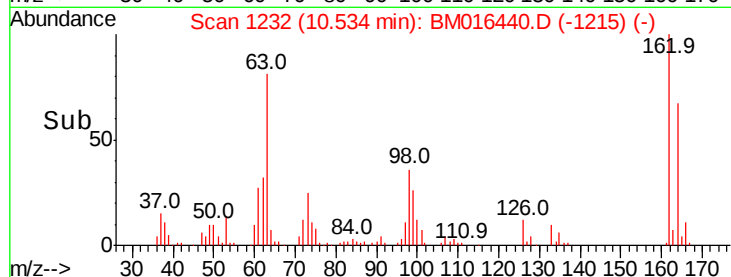
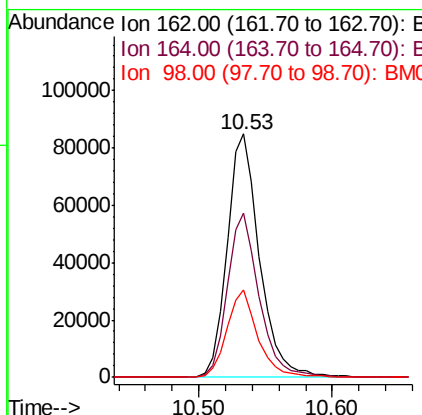
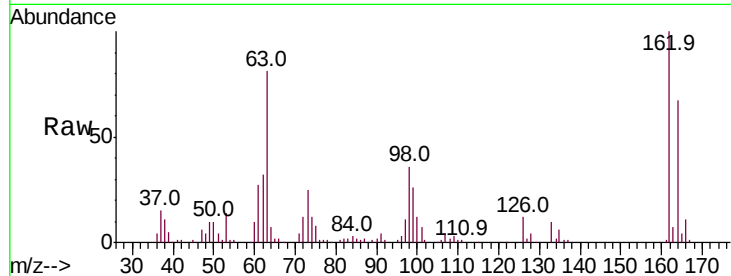
#29
2,4-Dichlorophenol
Concen: 101.269 ng
RT: 10.53 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	143490		
164	67.3	42.8	82.8	
98	35.7	14.5	54.5	

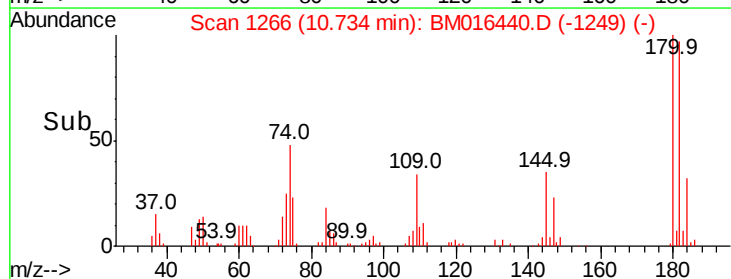
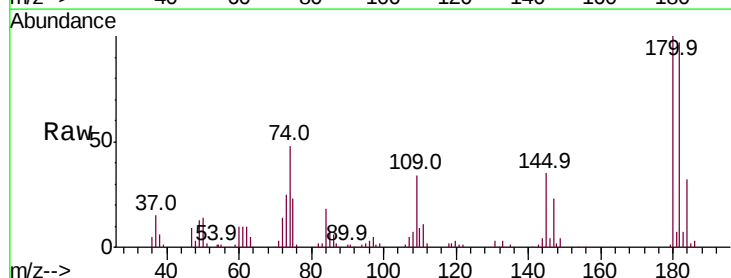
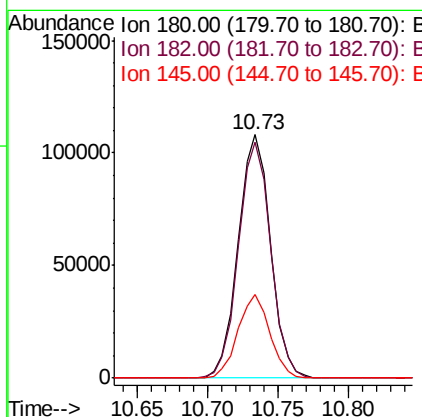
Manual Integrations
APPROVED

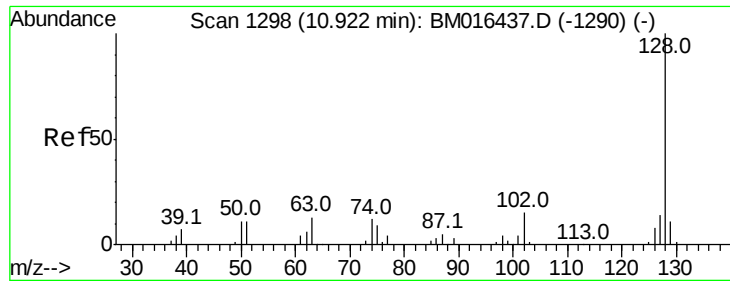
Sohil
8/20/2018 4:17:07 PM



#30
1,2,4-Trichlorobenzene
Concen: 100.640 ng
RT: 10.73 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173261		
182	96.9	77.6	116.4	
145	34.5	23.4	35.2	





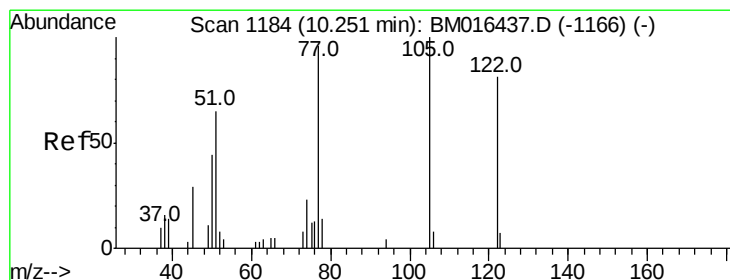
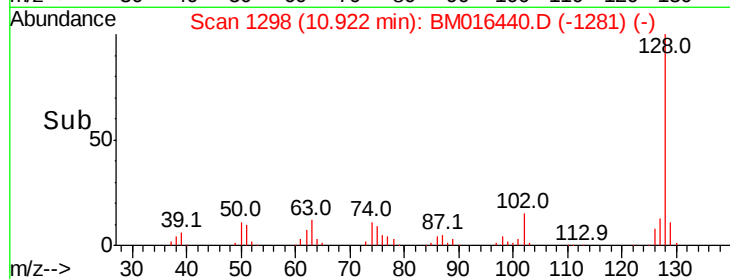
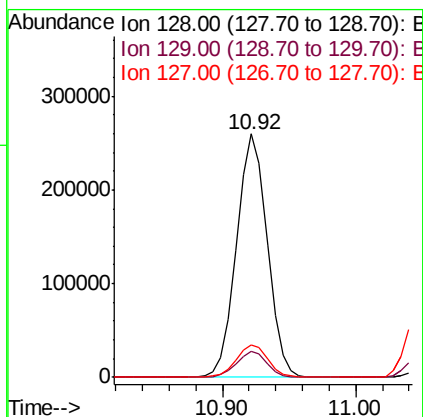
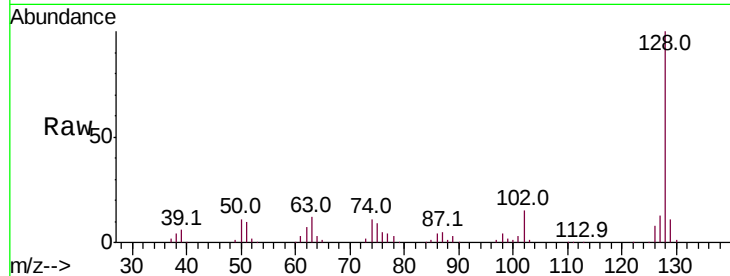
#31
Naphthalene
Concen: 86.379 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.4	10.4	15.6

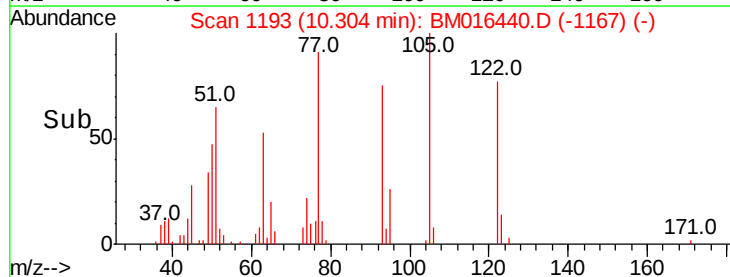
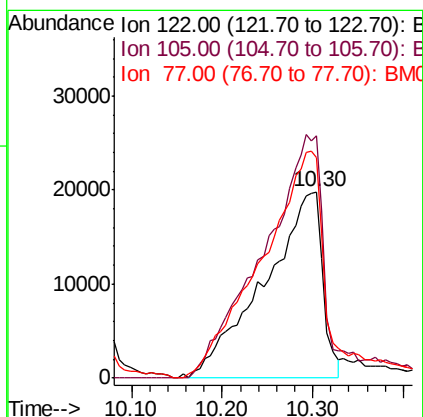
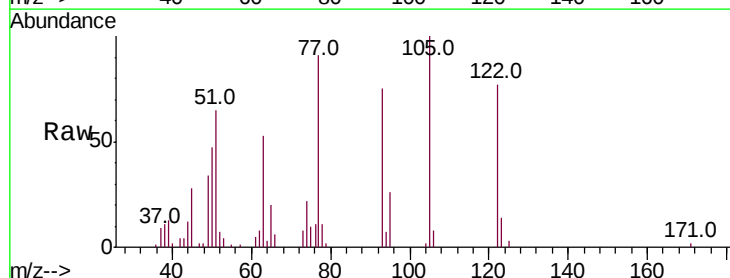
Manual Integrations
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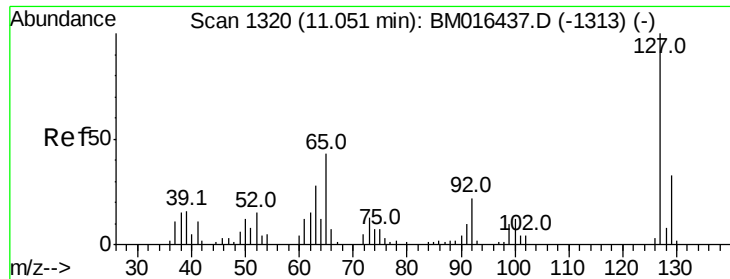
Sohil
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#32
Benzoic acid
Concen: 97.432 ng
RT: 10.30 min Scan# 1193
Delta R.T. 0.05 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	99.9	139.9
77	118.4	73.7	113.7





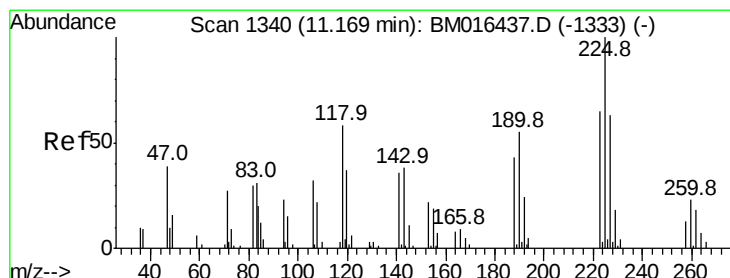
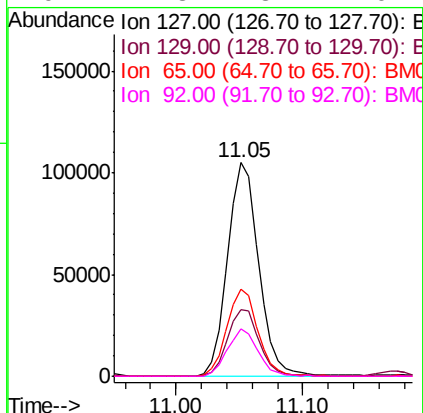
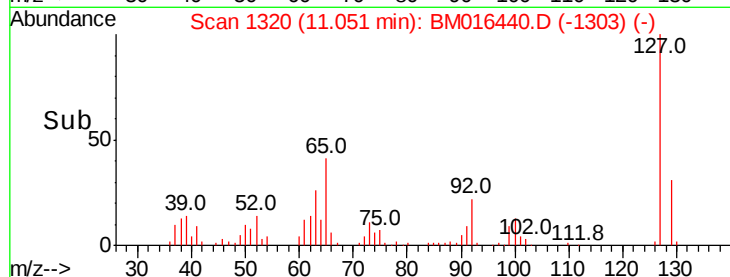
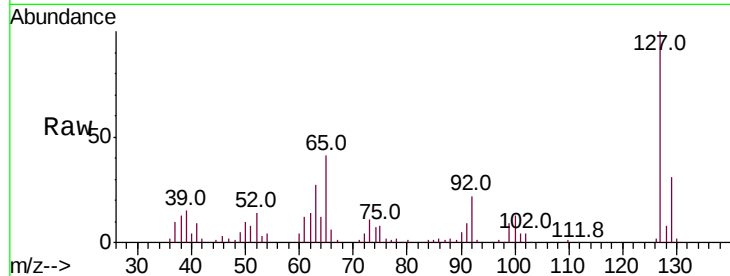
#33
4-Chloroaniline
Concen: 91.443 ng
RT: 11.05 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.9	25.3	37.9
65	40.8	17.6	26.4
92	22.3	13.1	19.7

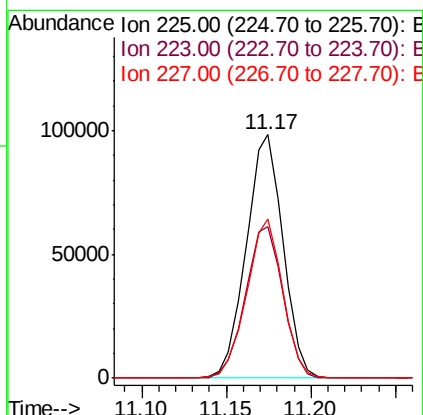
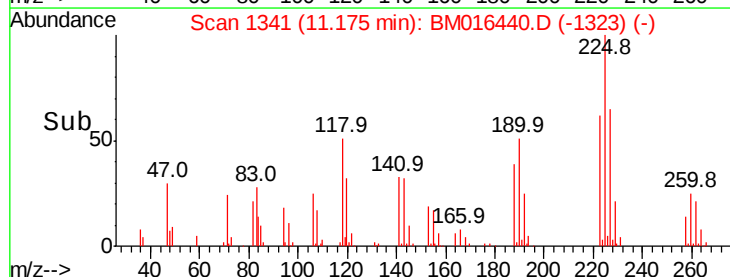
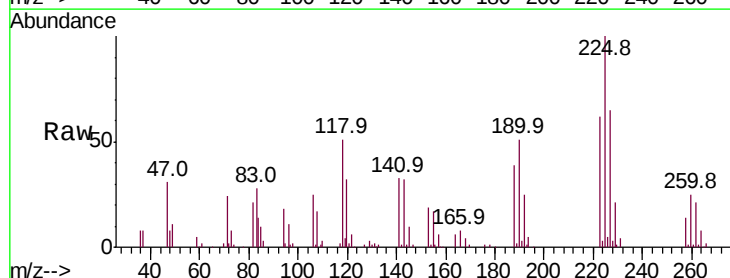
Manual Integrations
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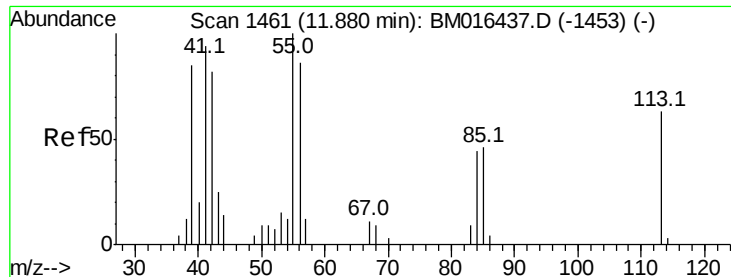
Sohil
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#34
Hexachlorobutadiene
Concen: 124.448 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.0	47.9	71.9
227	65.5	50.1	75.1





#35

Caprolactam

Concen: 96.783 ng/mL

RT: 11.91 min Scan# 1466

Delta R.T. 0.03 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:113 Resp: 37982

Ion Ratio Lower Upper

113 100

55 146.5 145.9 185.9

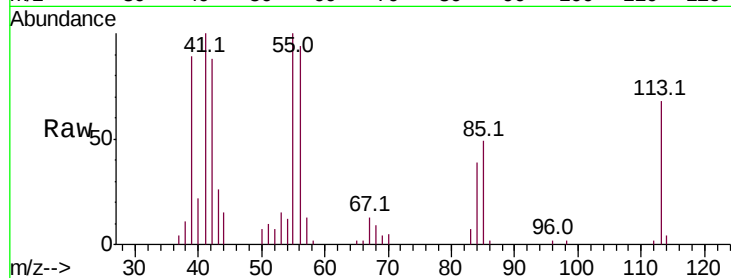
56 138.1 101.0 141.0

Manual Integrations

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Sohil

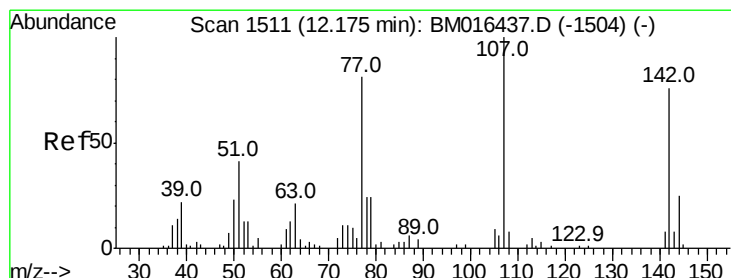
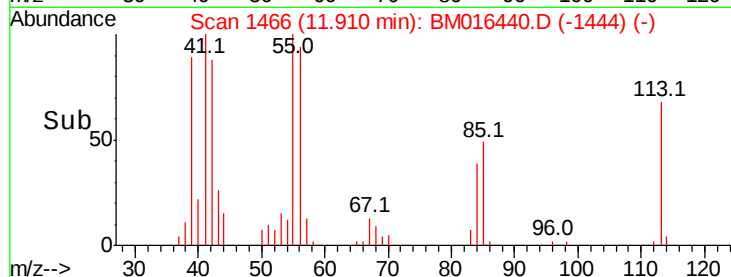
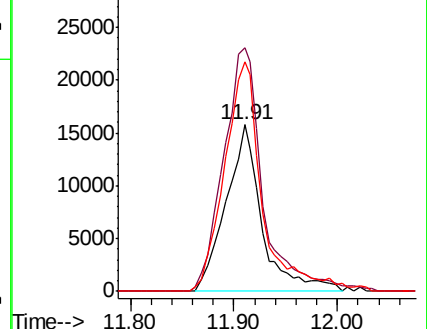
8/20/2018 4:17:07 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 104.238 ng/mL

RT: 12.18 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

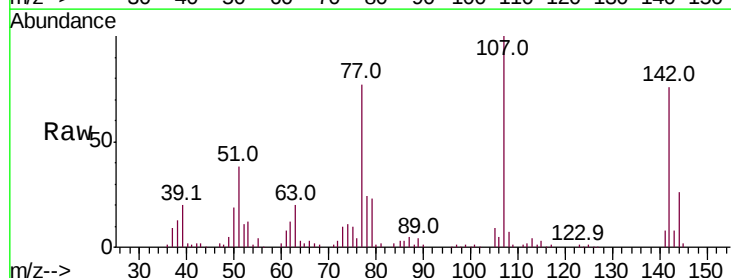
Tgt Ion:107 Resp: 162451

Ion Ratio Lower Upper

107 100

144 25.8 23.3 34.9

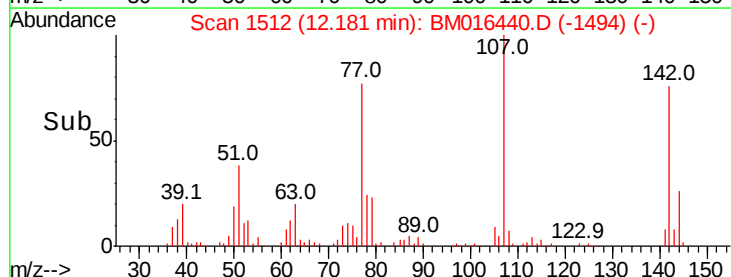
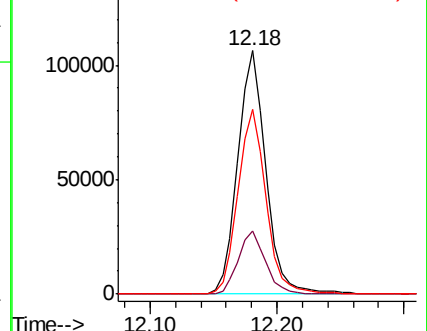
142 76.1 72.6 109.0

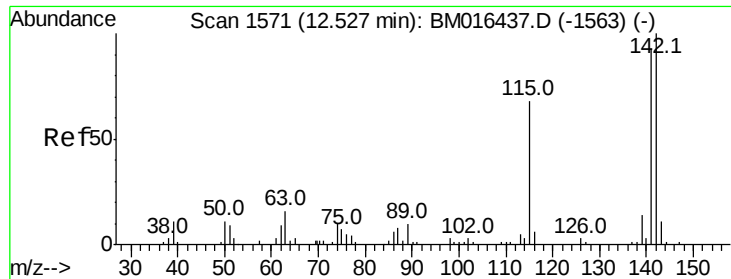


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





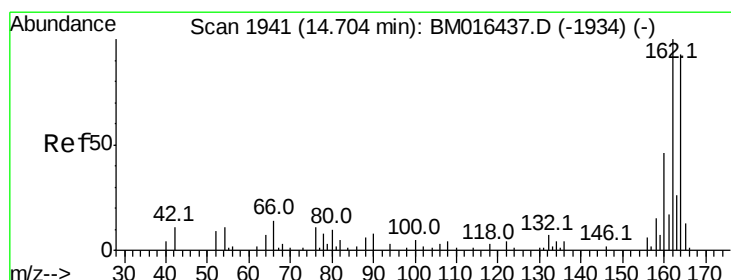
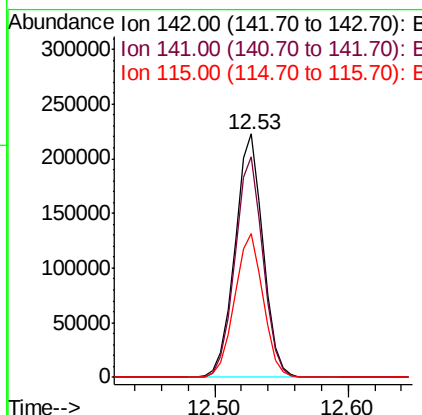
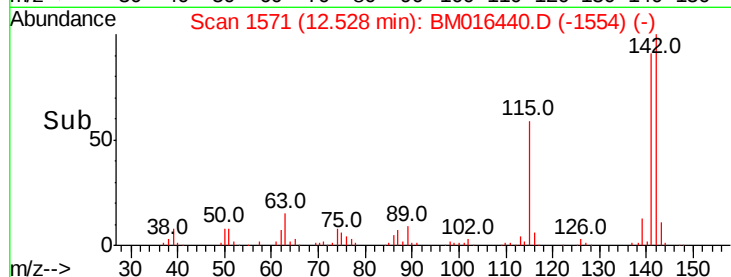
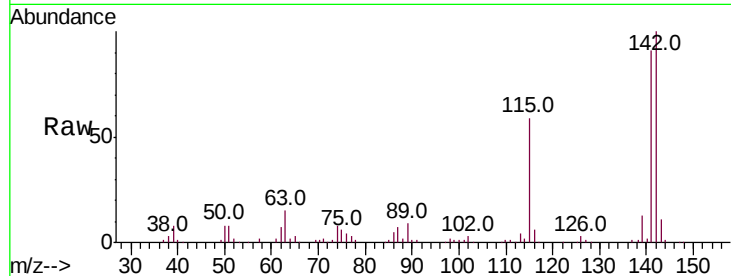
#37
2-Methylnaphthalene
Concen: 100.761 ng
RT: 12.53 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
115	59.0	25.4	38.0#

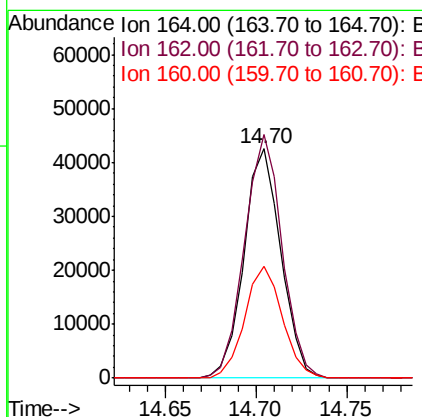
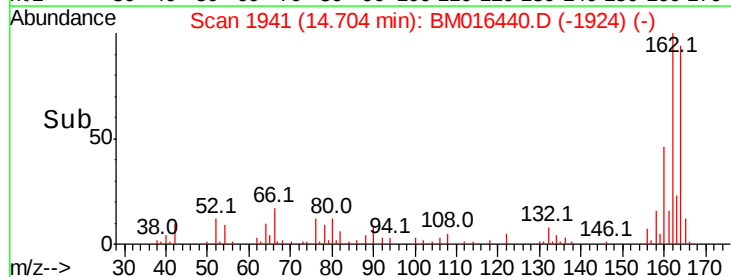
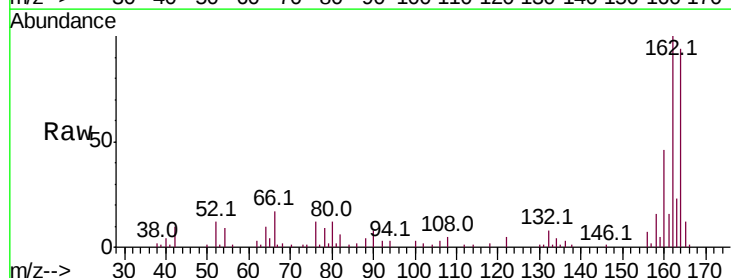
Manual Integrations
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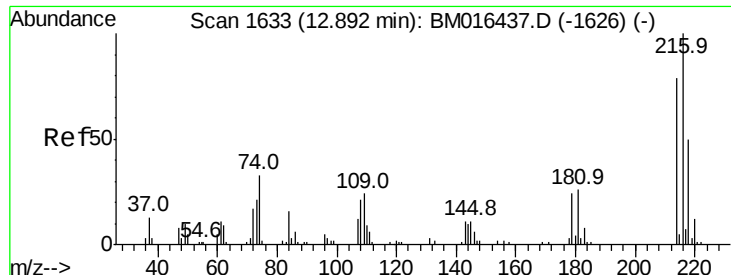
Sohil
8/20/2018 4:17:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	48.8	35.8	53.6





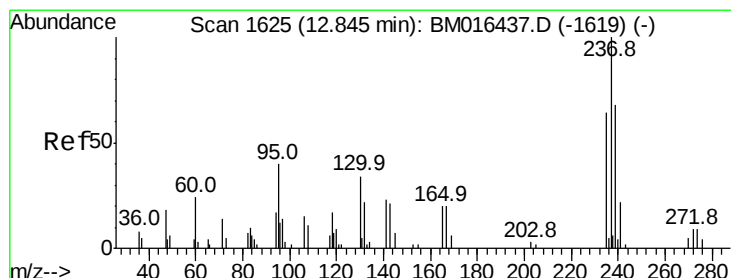
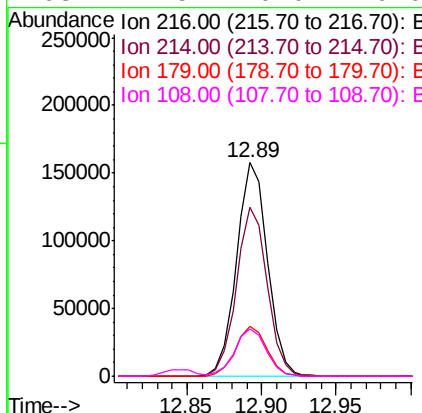
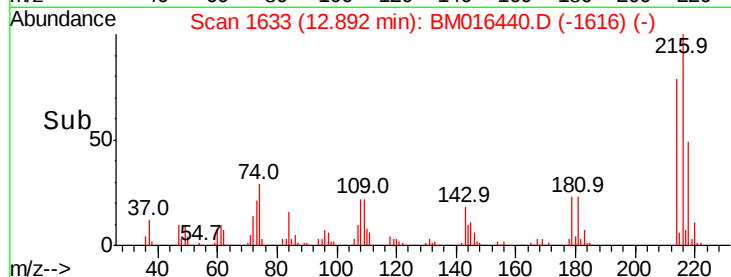
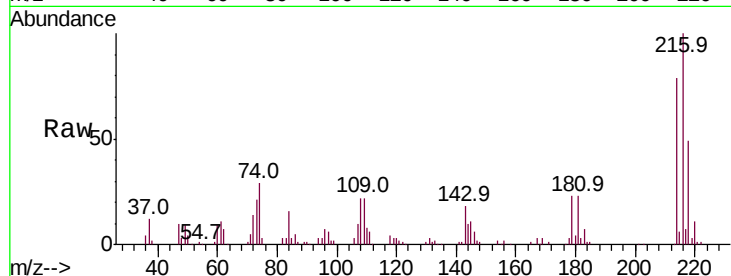
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 111.013 ng
 RT: 12.89 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.2	0.0	0.0#
179	23.6	0.0	0.0#
108	22.5	0.0	0.0#

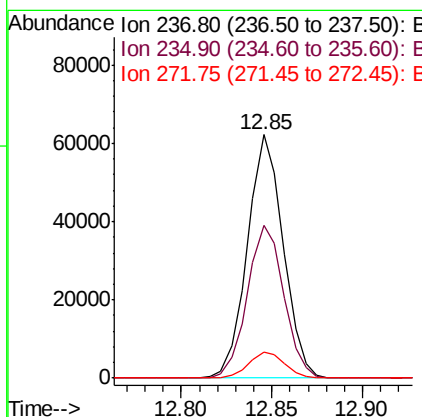
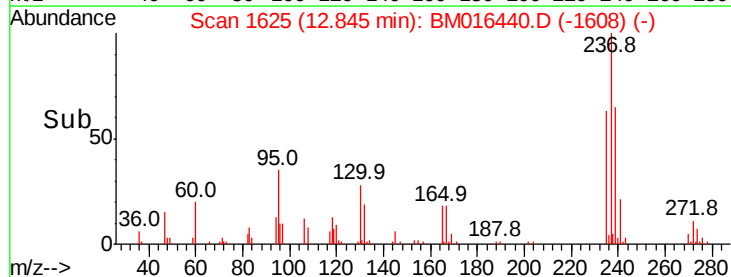
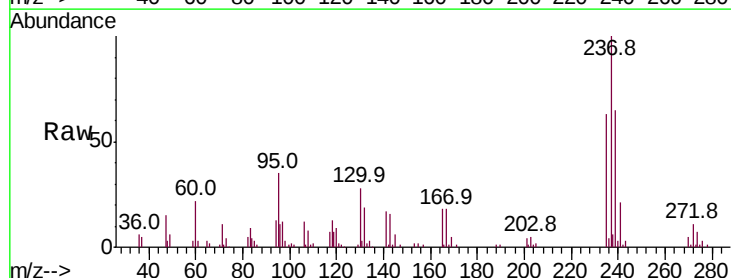
Manual Integrations
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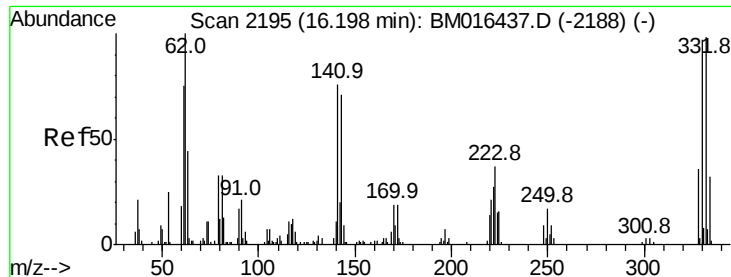
Sohil
 8/20/2018 4:17:07 PM



#40
 Hexachlorocyclopentadiene
 Concen: 101.907 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.0	82.0
272	10.6	0.0	33.4





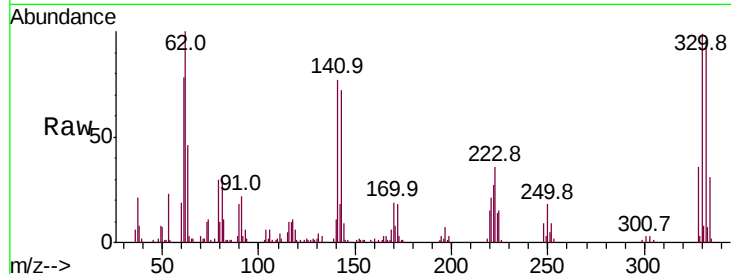
#41
 2,4,6-Tribromophenol
 Concen: 101.907 ng
 RT: 16.20 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	169924		
332	96.7	0.0	0.0	0.0
141	77.6	0.0	0.0	0.0

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:17:07 PM

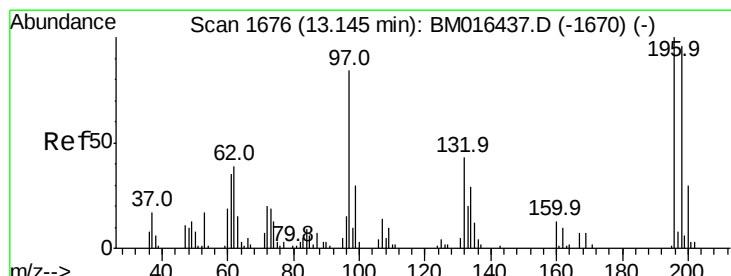
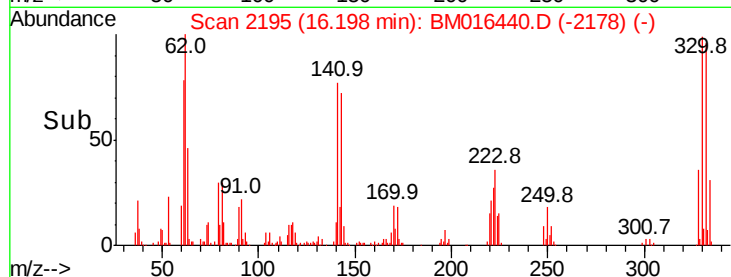
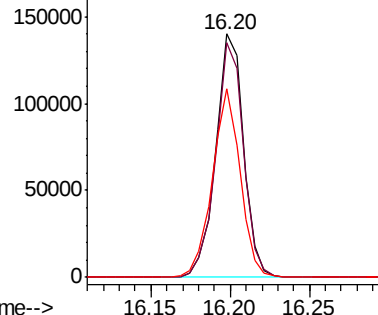


Abundance

Ion 329.80 (329.50 to 330.50): E

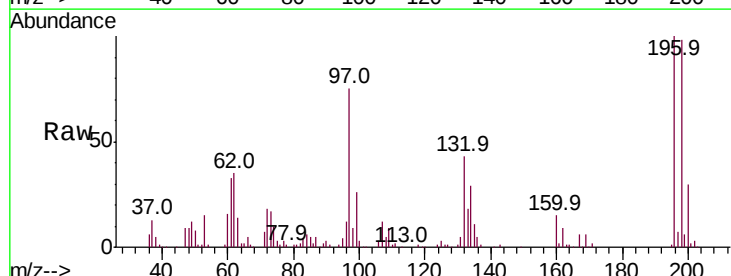
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 108.025 ng
 RT: 13.15 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138604		
198	98.2	76.3	114.5	
200	29.9	25.6	38.4	

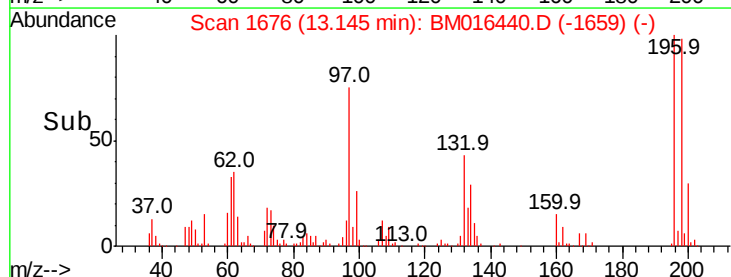
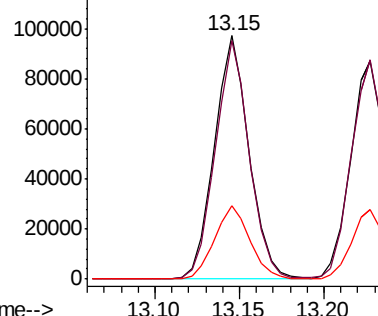


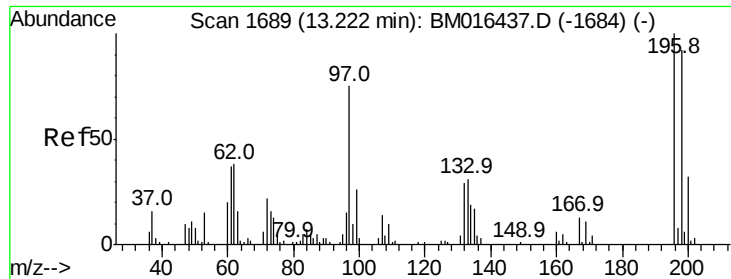
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





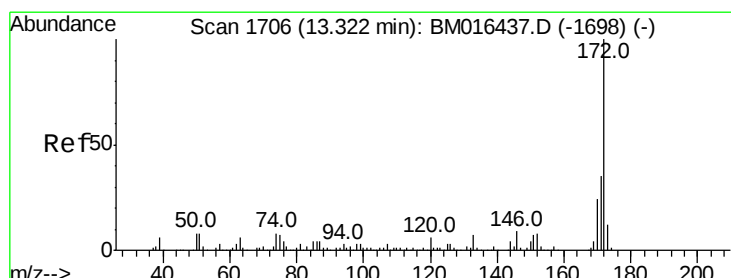
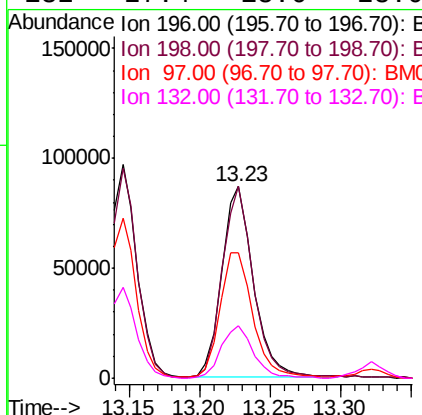
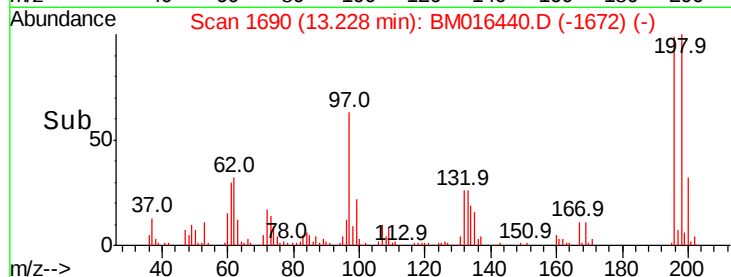
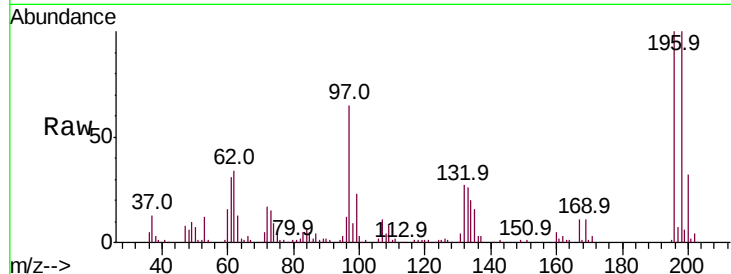
#43
 2,4,5-Trichlorophenol
 Concen: 102.590 ng
 RT: 13.23 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	135775		
198	100.1	79.4	119.0	
97	65.3	26.8	40.2	#
132	27.4	18.6	28.0	

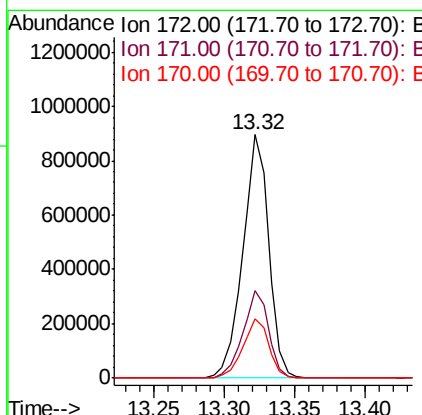
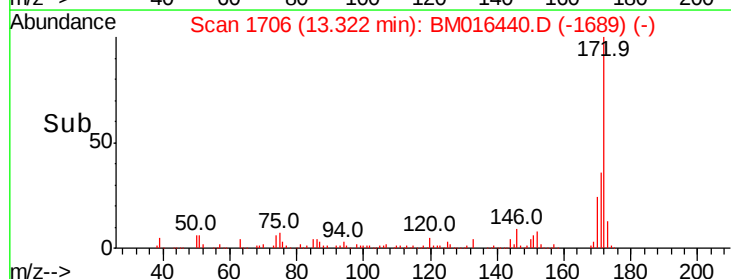
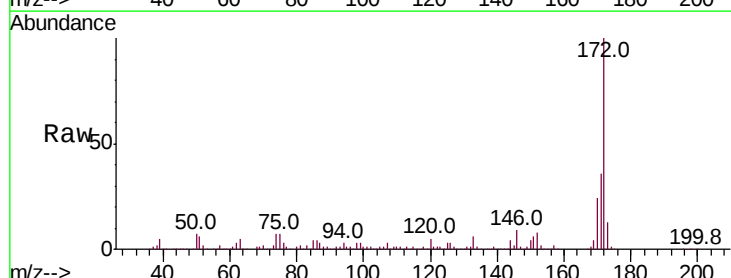
Manual Integrations
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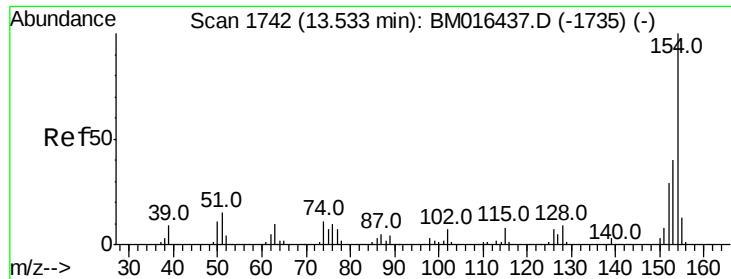
Sohil
 8/20/2018 4:17:07 PM



#44
 2-Fluorobiphenyl
 Concen: 102.590 ng
 RT: 13.32 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1145777		
171	36.1	28.5	42.7	
170	24.2	18.8	28.2	





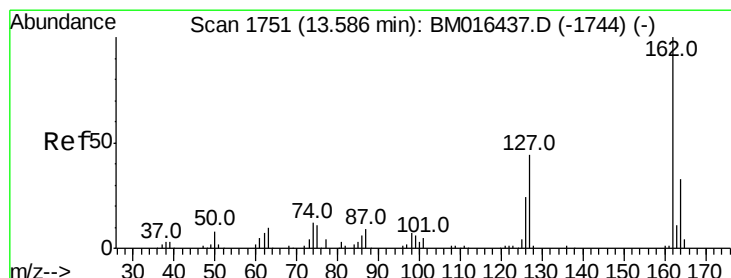
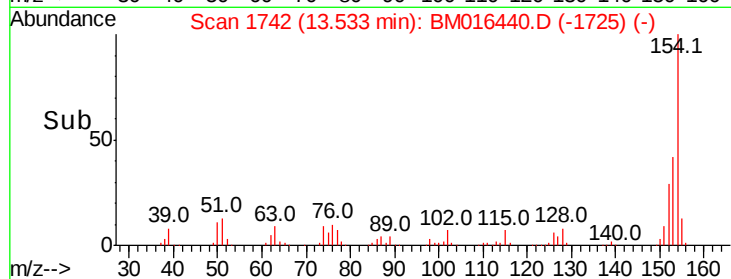
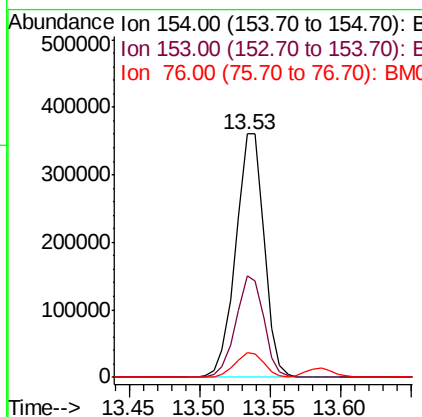
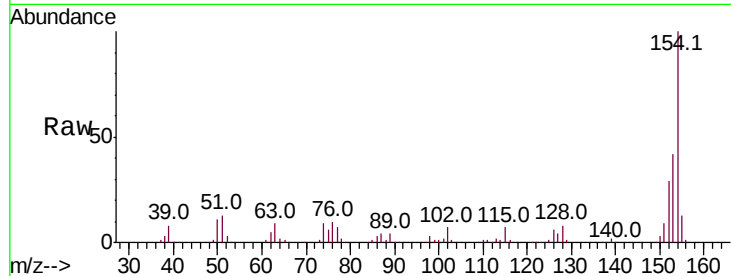
#45
 1,1'-Biphenyl
 Concen: 93.064 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion:	154	Resp:	505920
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.7	60.7
76	10.4	0.0	30.9

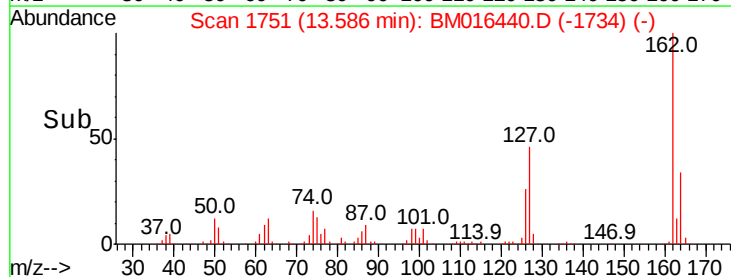
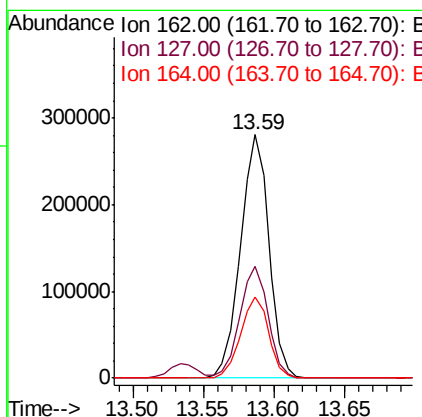
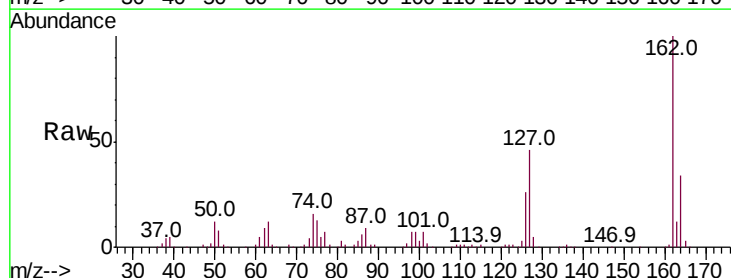
Manual Integrations
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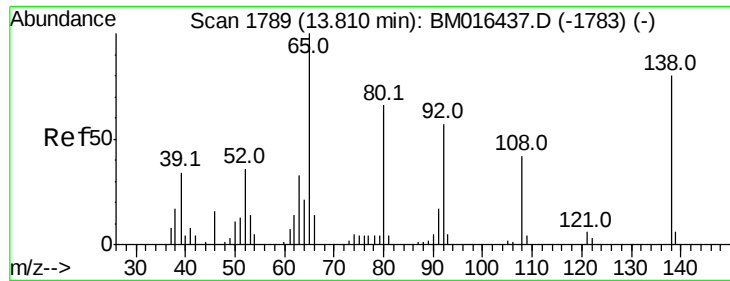
Sohil
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#46
 2-Chloronaphthalene
 Concen: 93.331 ng
 RT: 13.59 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion:	162	Resp:	394619
Ion Ratio	Lower	Upper	
162	100		
127	46.1	26.9	40.3#
164	33.5	26.8	40.2





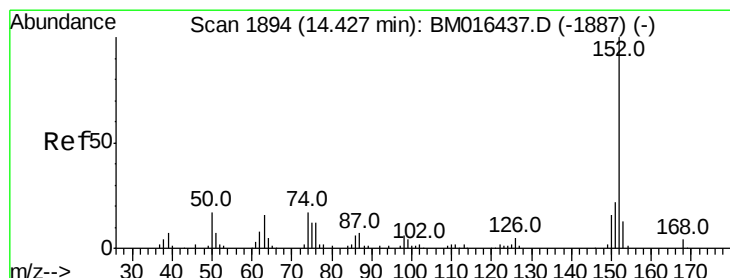
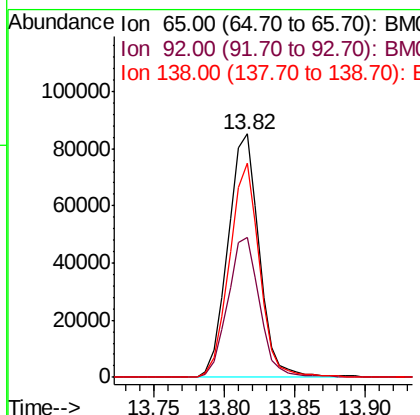
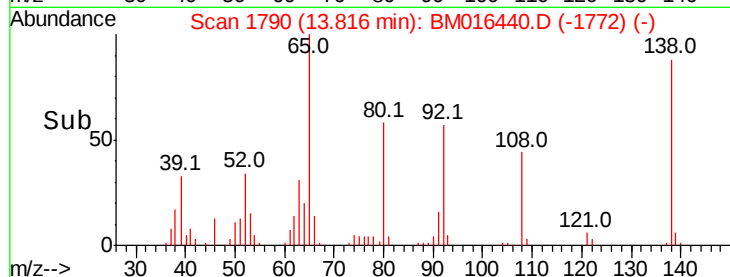
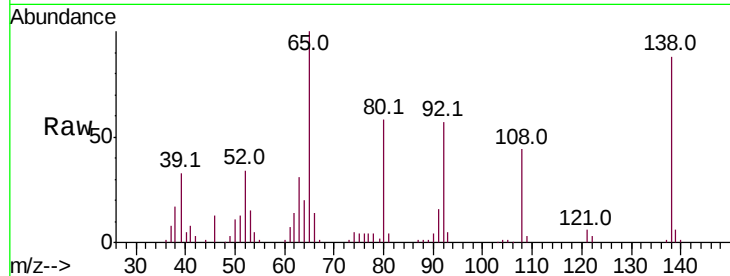
#47
2-Nitroaniline
Concen: 93.892 ng
RT: 13.82 min Scan# 1790
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.3	59.1	88.7#
138	87.9	93.9	140.9#

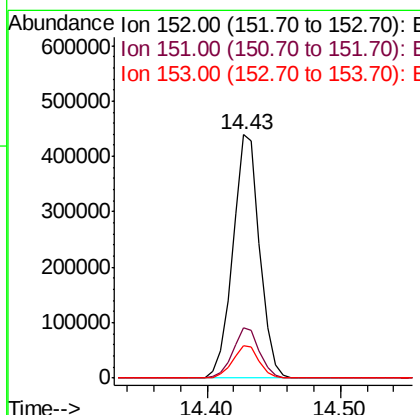
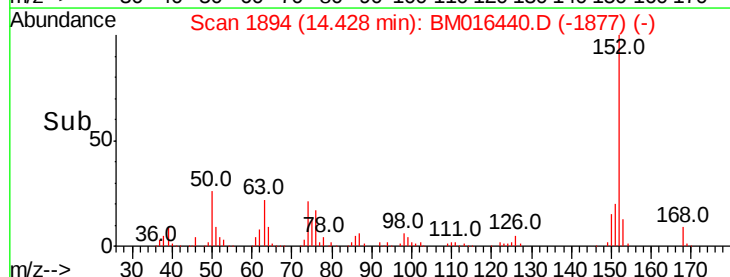
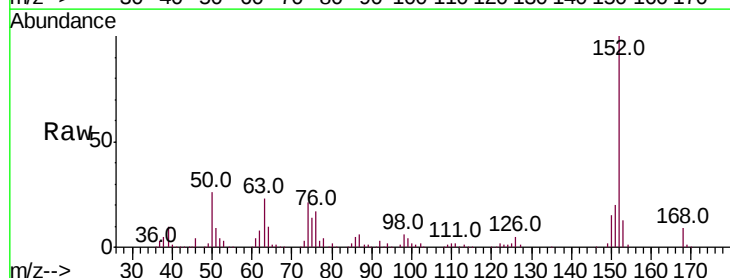
Manual Integrations
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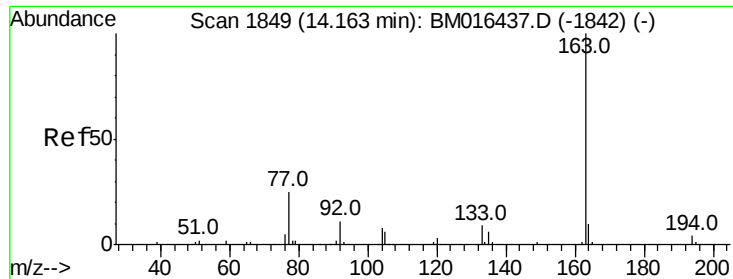
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#48
Acenaphthylene
Concen: 98.761 ng
RT: 14.43 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.3	10.6	16.0





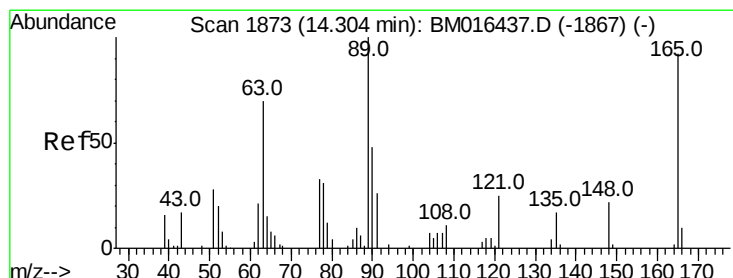
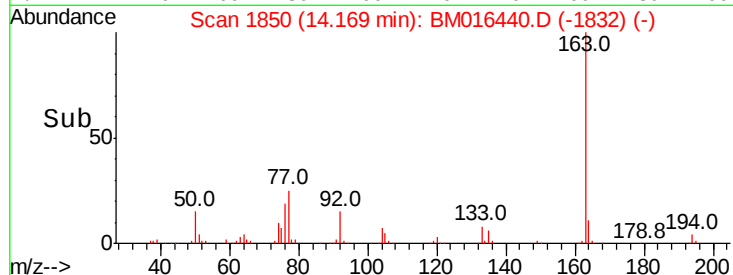
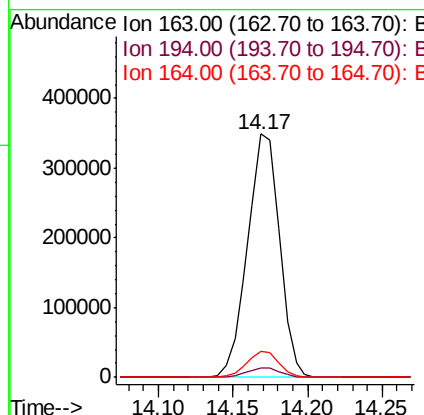
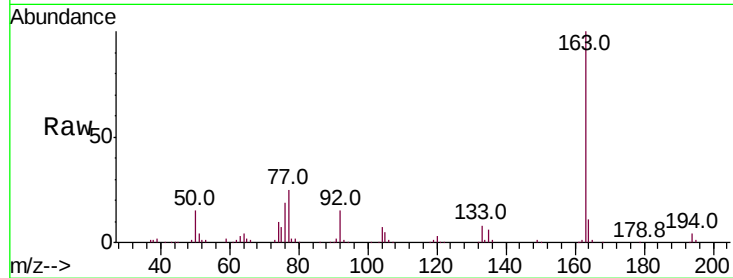
#49
Dimethylphthalate
Concen: 98.358 ng
RT: 14.17 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2

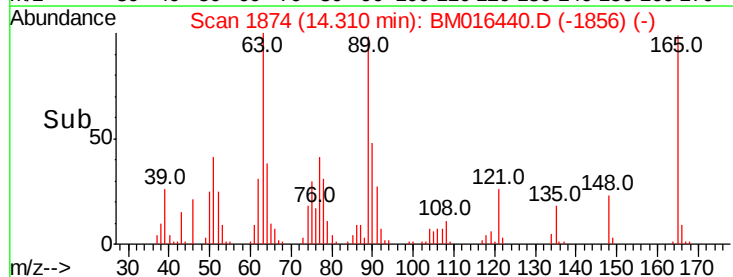
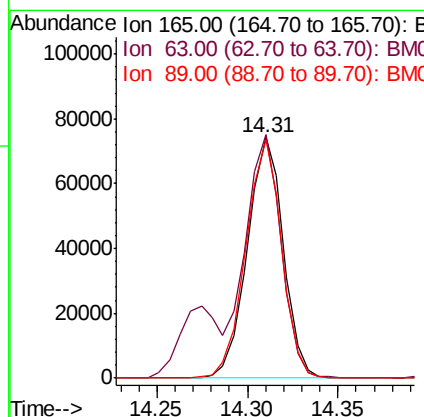
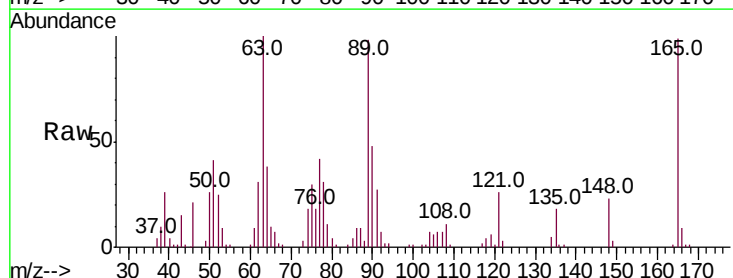
Manual Integrations
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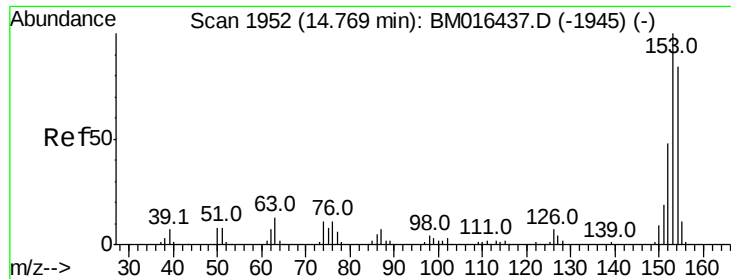
Sohil
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#50
2,6-Dinitrotoluene
Concen: 96.635 ng
RT: 14.31 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	101.0	44.1	66.1#
89	99.1	44.3	66.5#





#51

Acenaphthene

Concen: 90.201 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

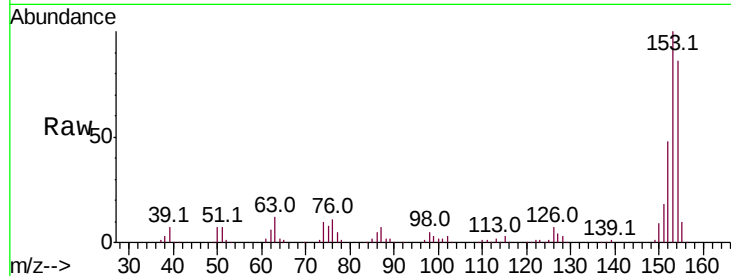
ClientSampleId :

SSTDIC080

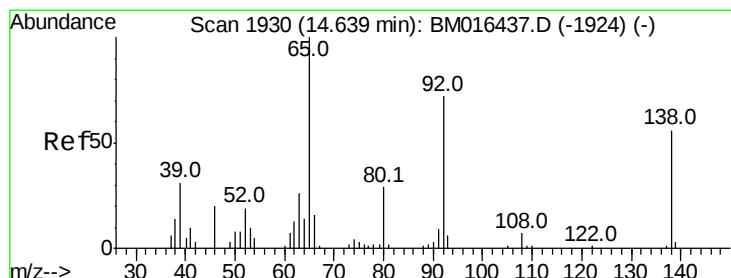
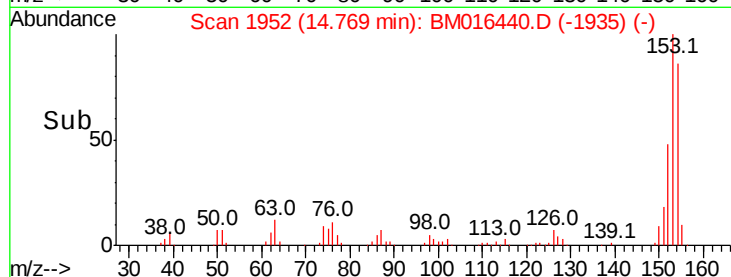
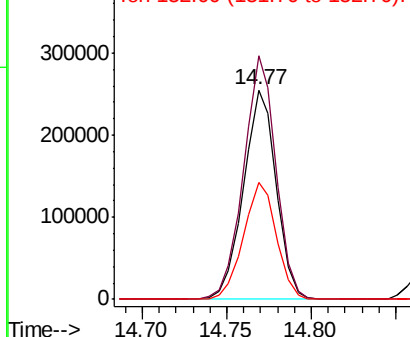
Tot Ion:	154	Resp:	343379
Ion Ratio	Lower	Upper	
154	100		
153	116.5	90.0	135.0
152	56.1	42.6	63.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 83.522 ng

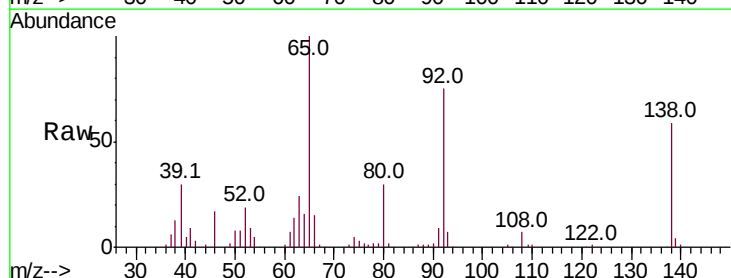
RT: 14.65 min Scan# 1931

Delta R.T. 0.01 min

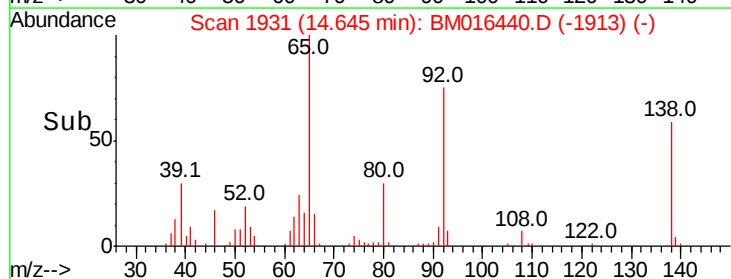
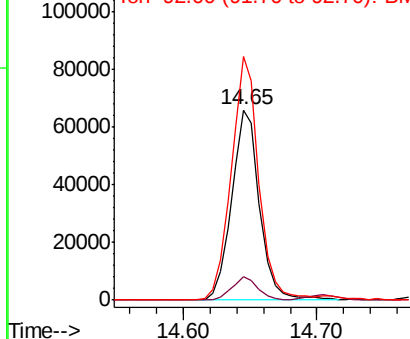
Lab File: BM016440.D

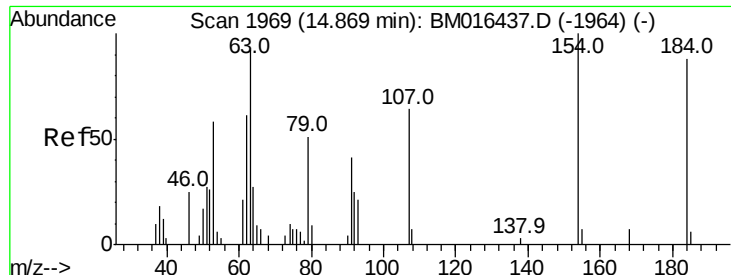
Acq: 17 Aug 2018 15:38

Tgt Ion:	138	Resp:	95688
Ion Ratio	Lower	Upper	
138	100		
108	12.3	7.3	10.9#
92	128.0	76.6	114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





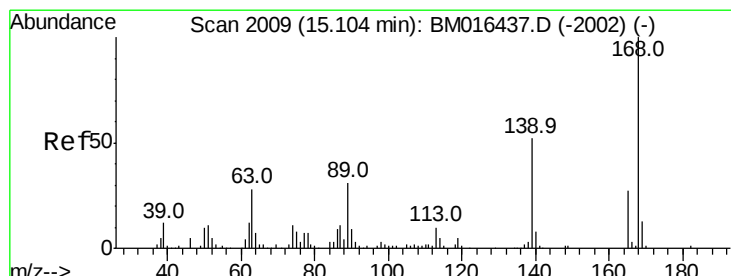
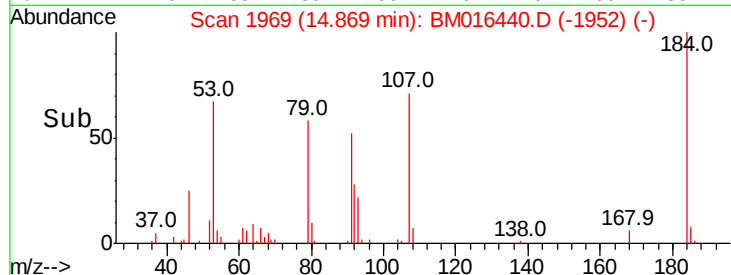
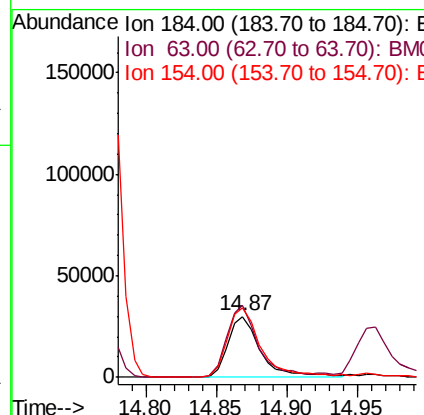
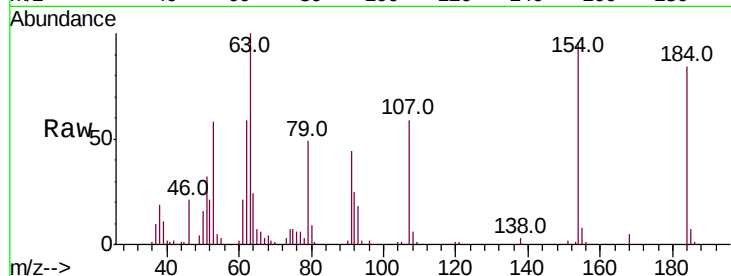
#53
 2,4-Dinitrophenol
 Concen: 122.668 ng
 RT: 14.87 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	118.8	69.2	103.8#	
154	114.1	53.3	79.9#	

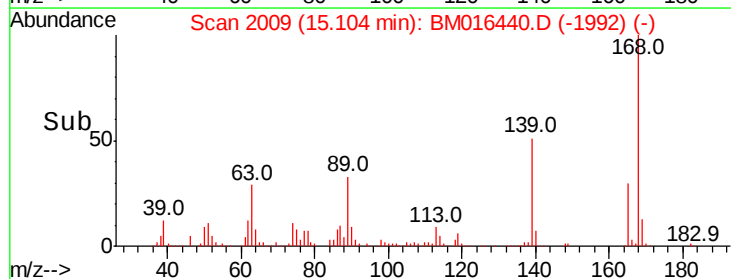
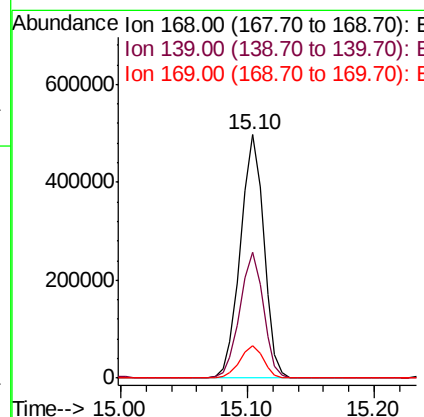
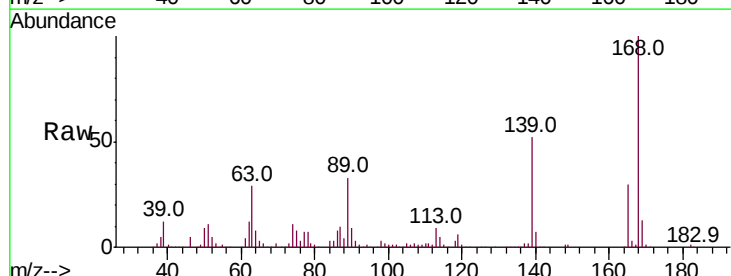
Manual Integrations
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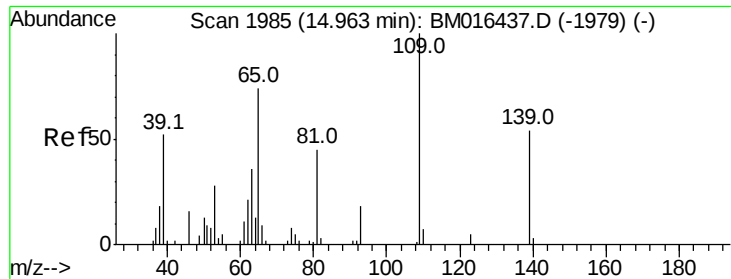
Sohil
 8/20/2018 4:17:07 PM



#54
 Dibenzofuran
 Concen: 100.984 ng
 RT: 15.10 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	51.6	27.3	40.9#	
169	13.1	10.6	16.0	





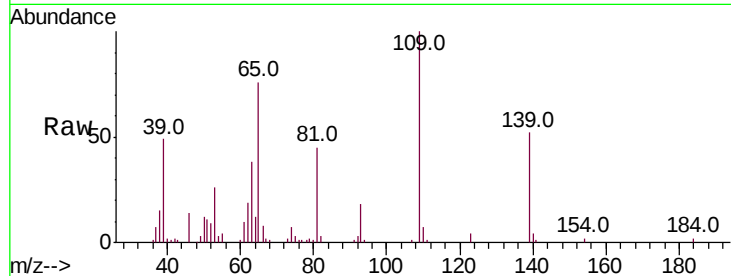
#55
4-Nitrophenol
Concen: 77.959 ng
RT: 14.96 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :
SSTDIC080

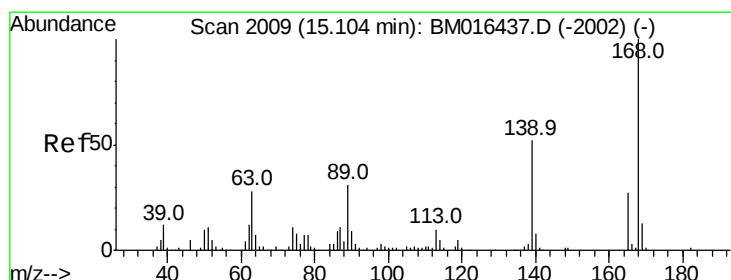
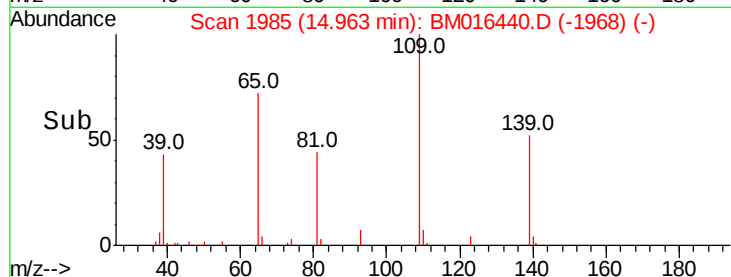
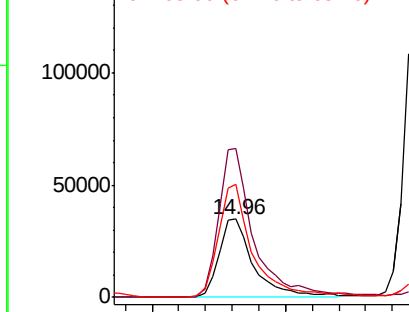
Tot Ion:139 Resp: 64026
Ion Ratio Lower Upper
139 100
109 191.2 130.0 170.0#
65 144.4 130.0 170.0

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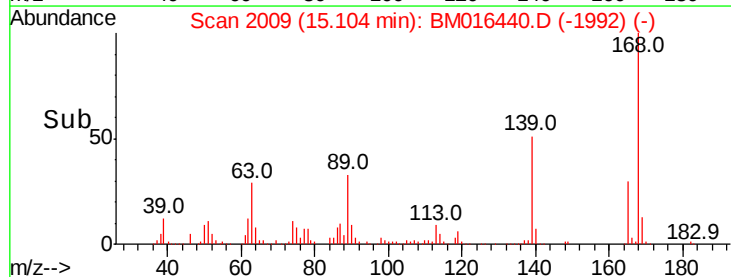
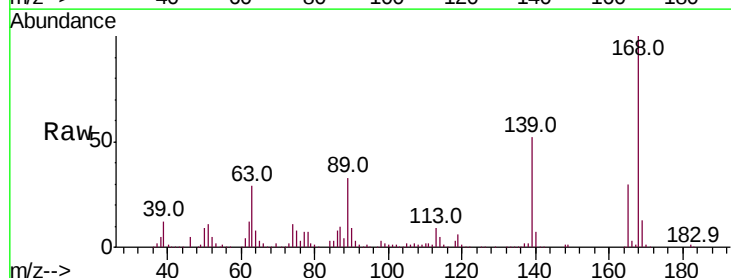
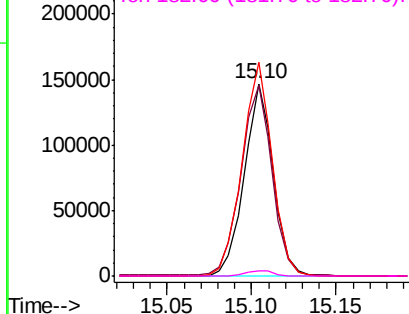
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

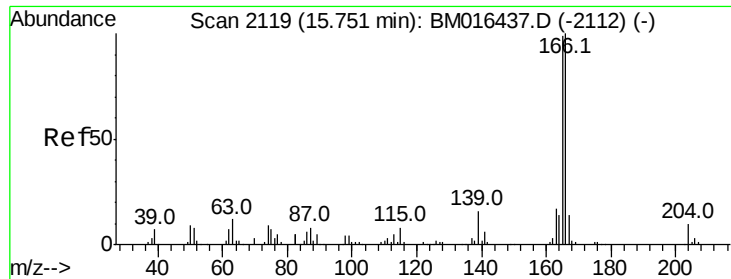


#56
2,4-Dinitrotoluene
Concen: 115.398 ng
RT: 15.10 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion:165 Resp: 175016
Ion Ratio Lower Upper
165 100
63 99.0 52.4 78.6#
89 111.1 72.4 108.6#
182 2.7 2.0 3.0

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





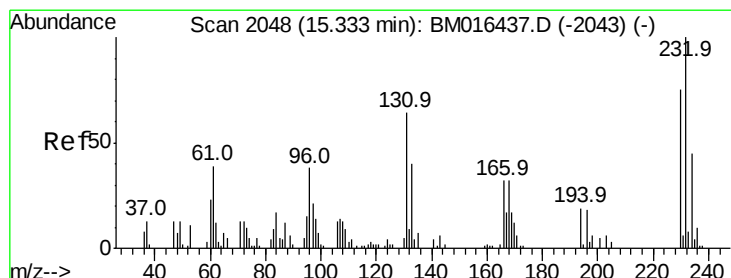
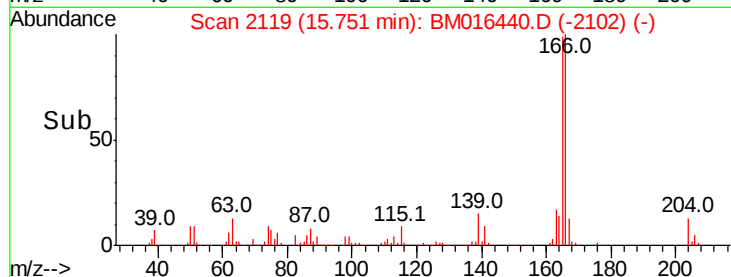
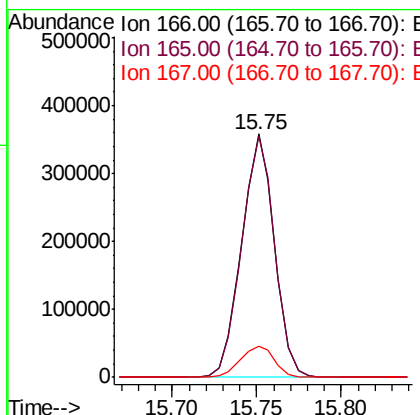
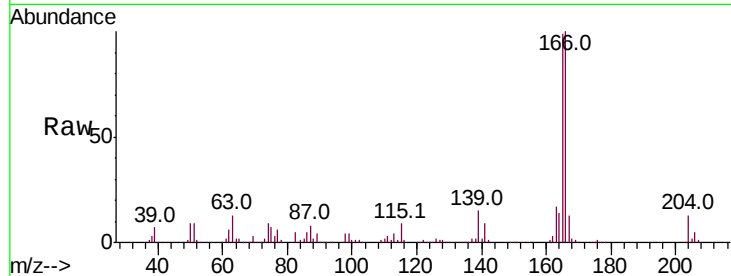
#57
 Fluorene
 Concen: 103.231 ng
 RT: 15.75 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
166	100	481228		
165	99.1	79.0	118.4	
167	12.9	10.3	15.5	

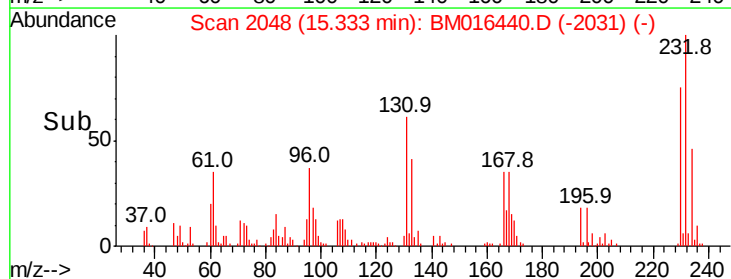
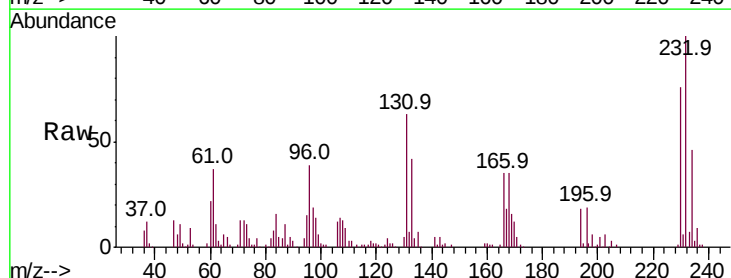
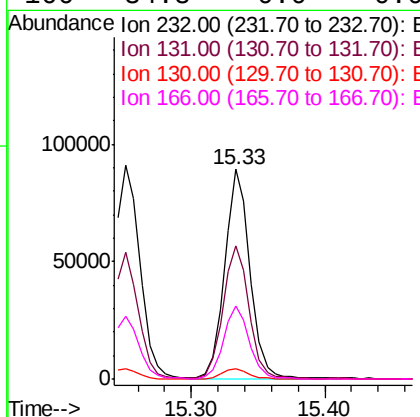
Manual Integrations
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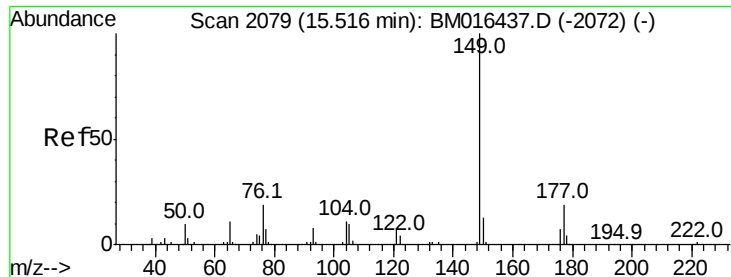
Sohil
 8/20/2018 4:17:07 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 105.045 ng
 RT: 15.33 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	119497		
131	65.5	0.0	0.0#	
130	5.0	0.0	0.0#	
166	34.8	0.0	0.0#	





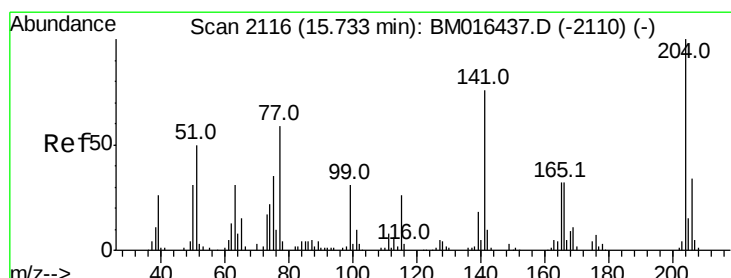
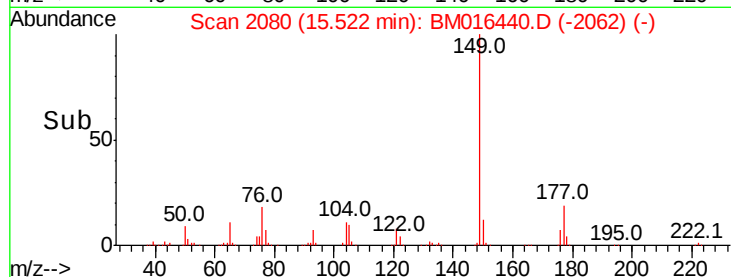
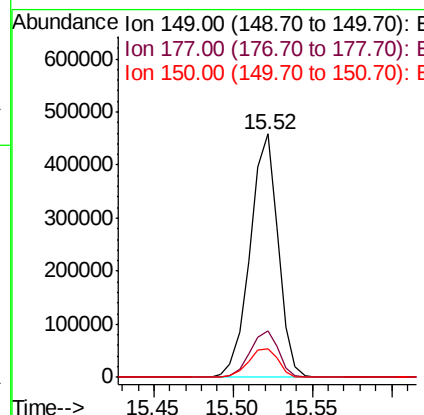
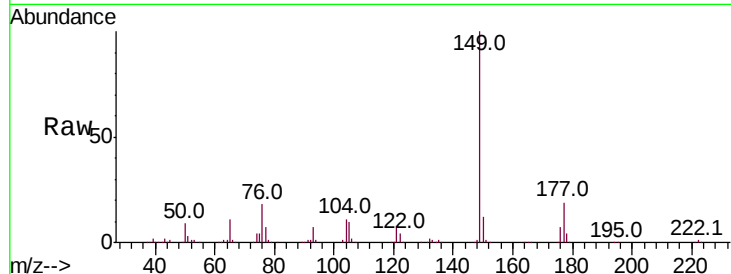
#59
Diethylphthalate
Concen: 98.840 ng
RT: 15.52 min Scan# 2080
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.3	18.3	27.5
150	11.9	9.8	14.8

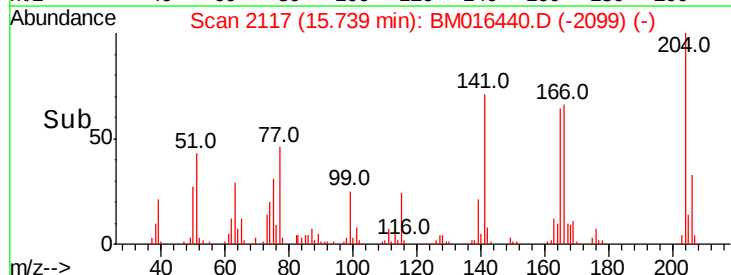
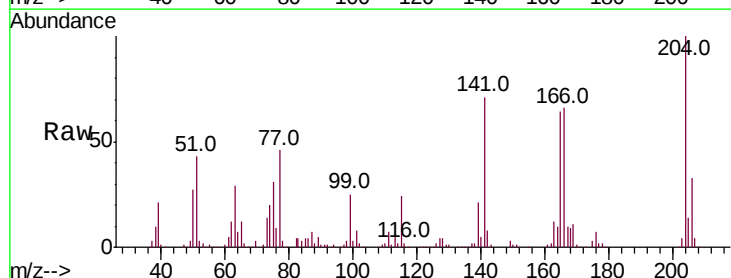
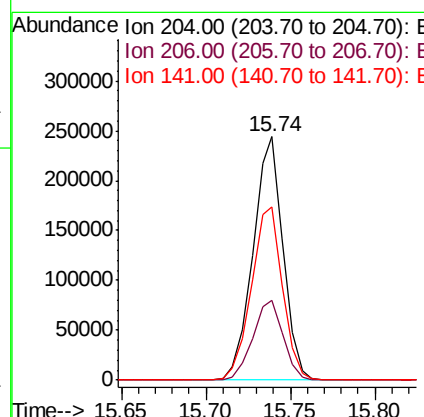
Manual Integrations
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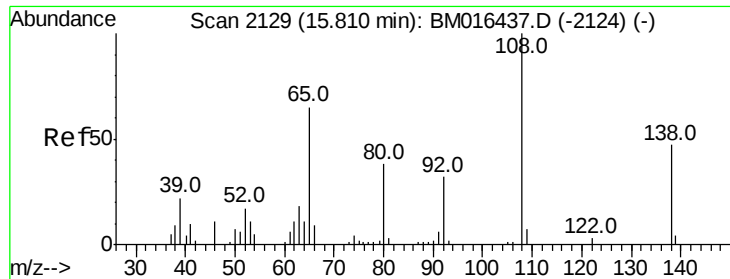
Sohil
8/20/2018 4:17:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 116.050 ng
RT: 15.74 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	71.1	45.2	67.8





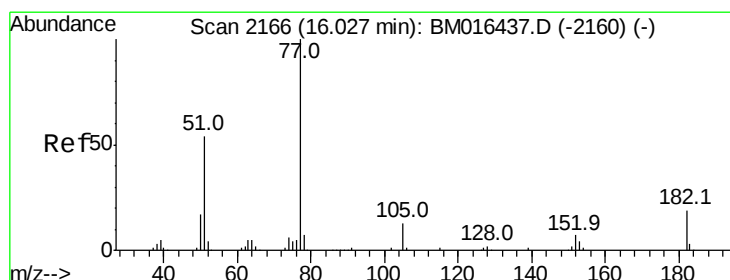
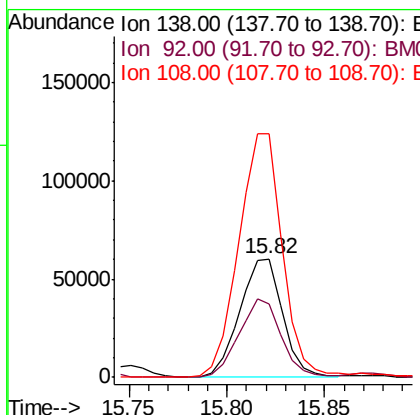
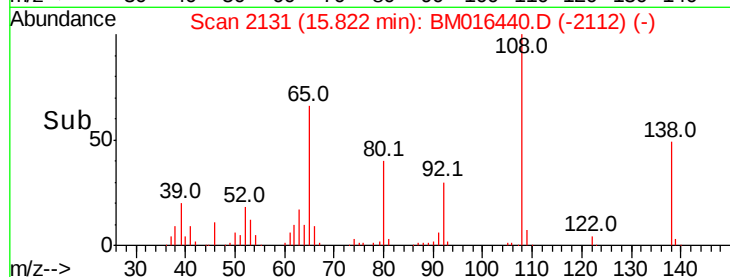
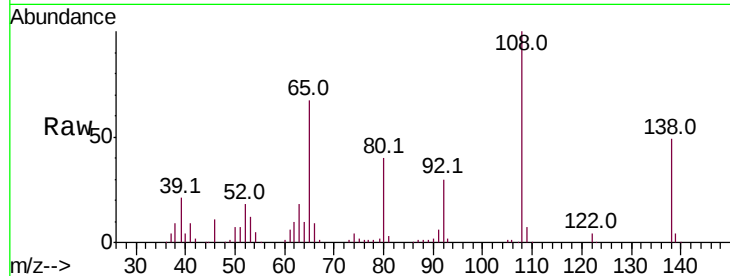
#61
4-Nitroaniline
Concen: 83.801 ng
RT: 15.82 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.9	16.7	56.7#
108	205.6	37.6	77.6#

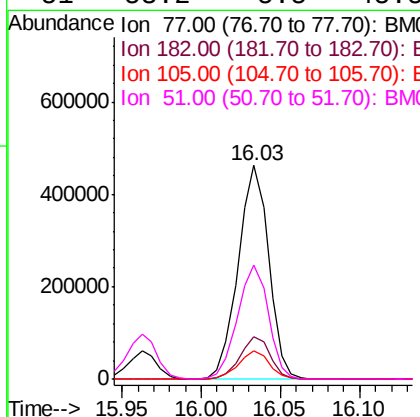
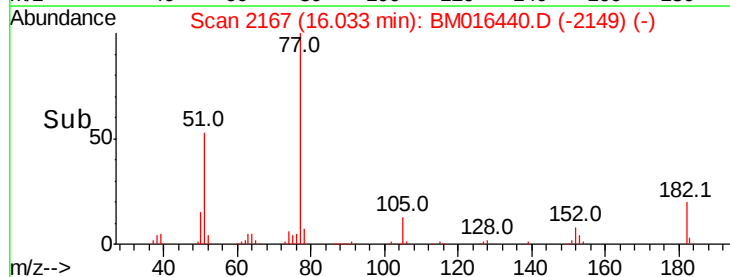
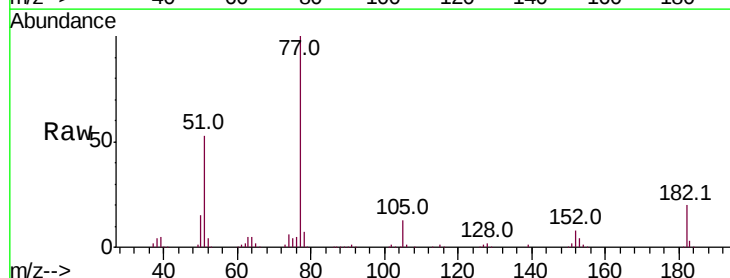
Manual Integrations
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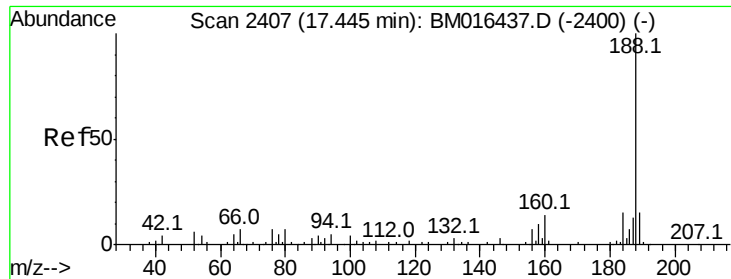
Sohil
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#62
Azobenzene
Concen: 103.170 ng
RT: 16.03 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.6	6.5	46.5
105	13.3	3.8	43.8
51	53.2	5.5	45.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

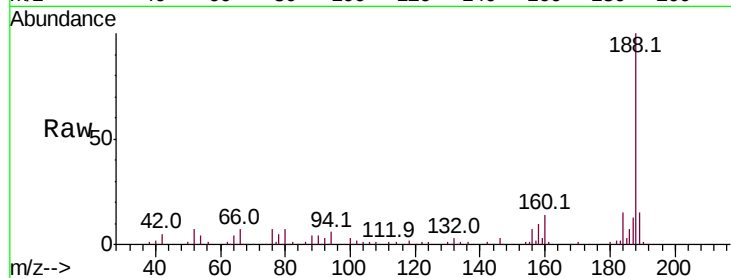
ClientSampleId :

SSTDICC080

Tot Ion:	188	Resp:	136991
Ion Ratio	Lower	Upper	
188	100		
94	6.1	8.7	13.1#
80	7.1	9.3	13.9#

Manual Integrations
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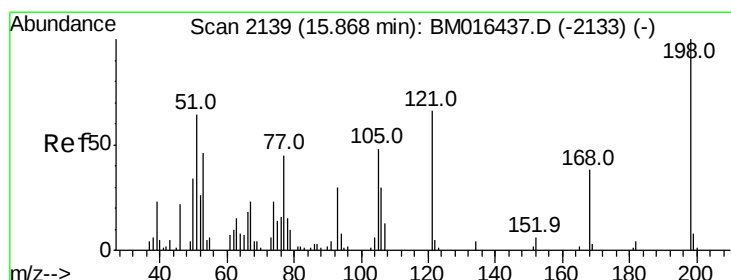
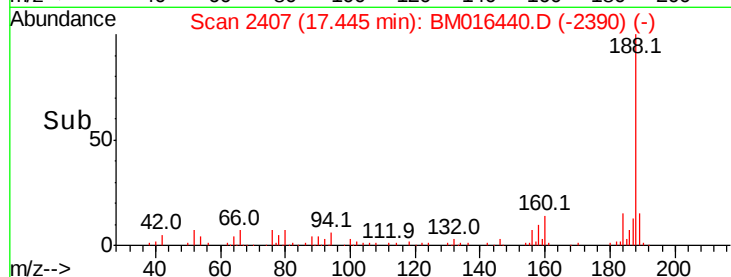
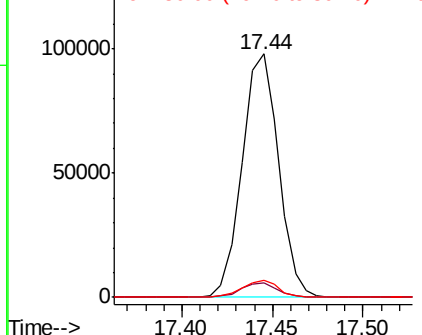
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 105.065 ng

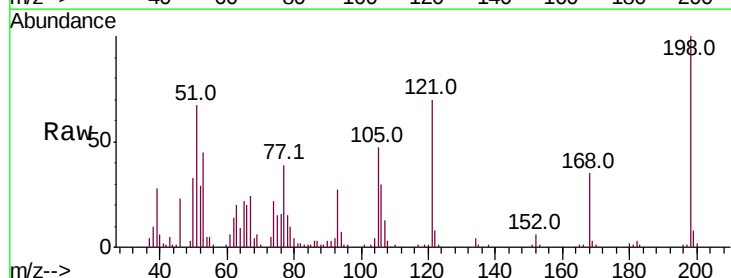
RT: 15.87 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

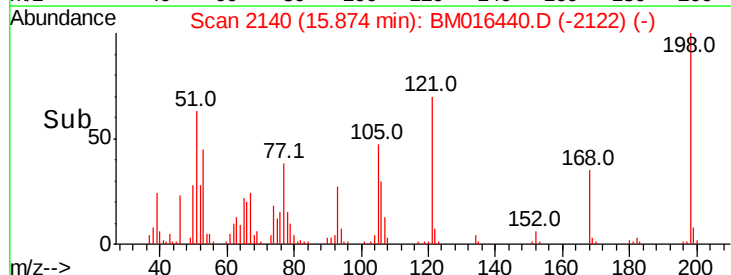
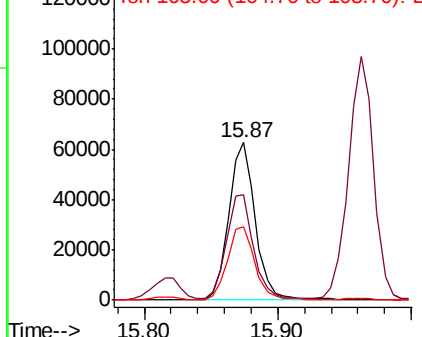
Tgt Ion:	198	Resp:	87361
Ion Ratio	Lower	Upper	
198	100		
51	67.3	28.8	68.8
105	46.9	30.5	70.5

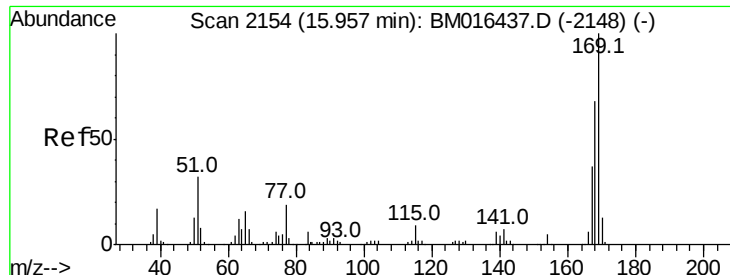


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





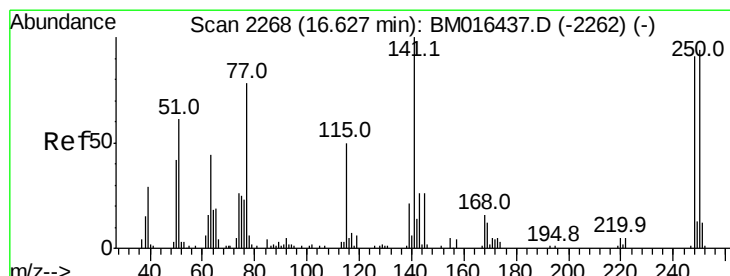
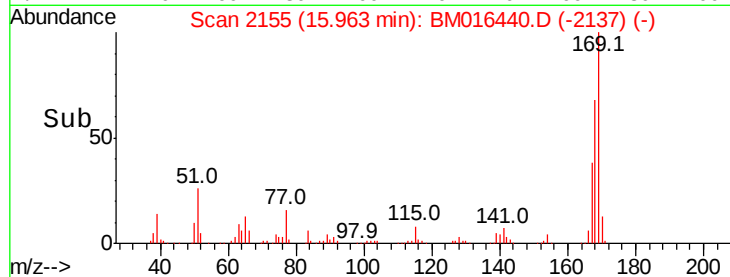
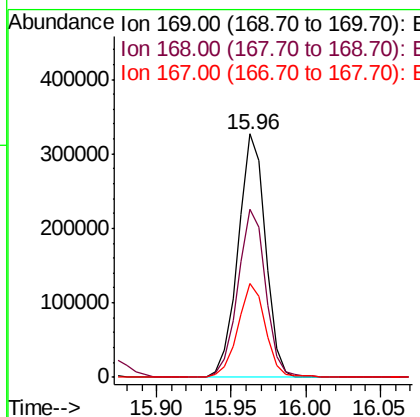
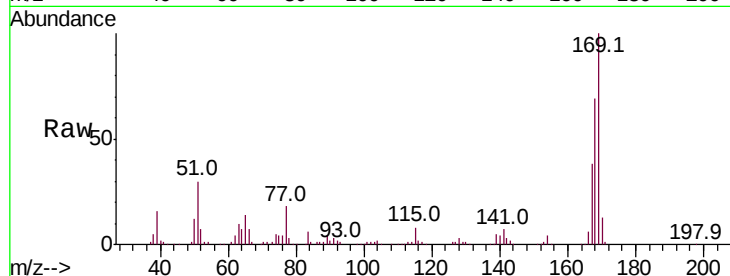
#65
 n-Nitrosodiphenylamine
 Concen: 92.279 ng
 RT: 15.96 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.0	53.9	80.9	
167	38.4	28.9	43.3	

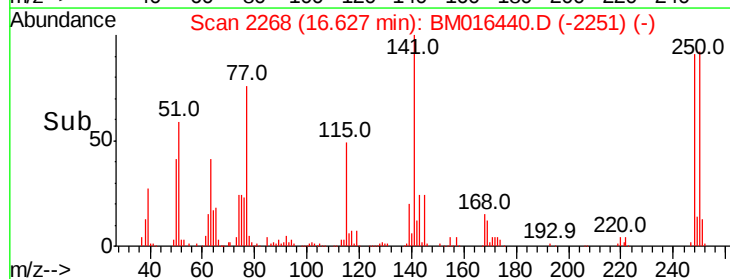
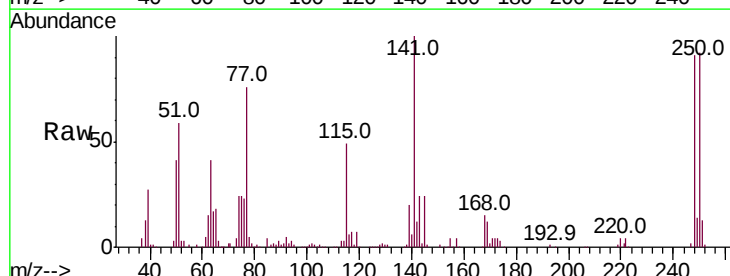
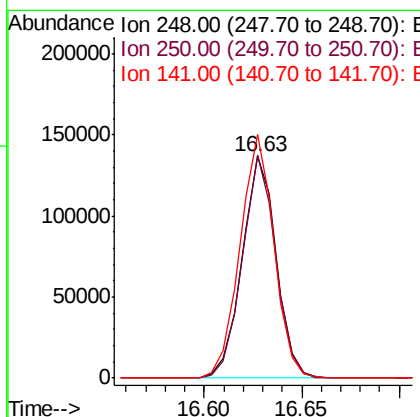
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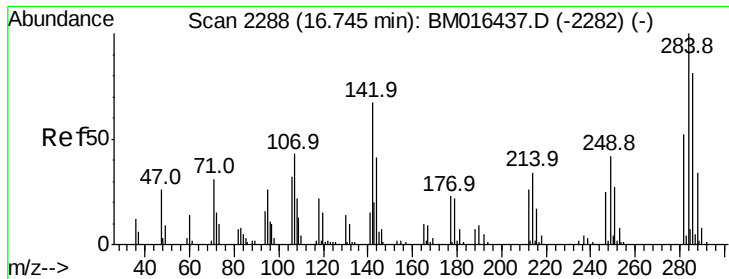
Sohil
 8/20/2018 4:17:07 PM



#66
 4-Bromophenyl-phenylether
 Concen: 106.606 ng
 RT: 16.63 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	100.8	77.4	116.0	
141	109.8	45.2	67.8	





#67

Hexachlorobenzene

Concen: 97.425 ng

RT: 16.75 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:284 Resp: 166426

Ion Ratio Lower Upper

284 100

142 56.9 20.4 30.6#

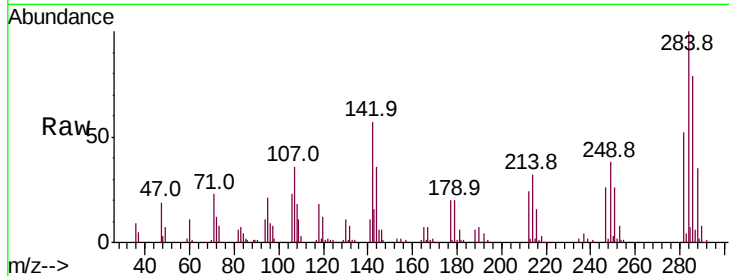
249 38.2 23.8 35.6#

Manual Integrations

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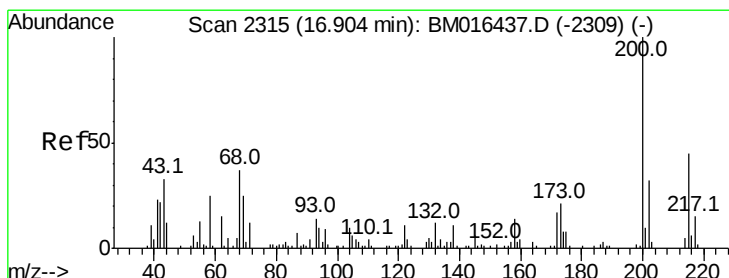
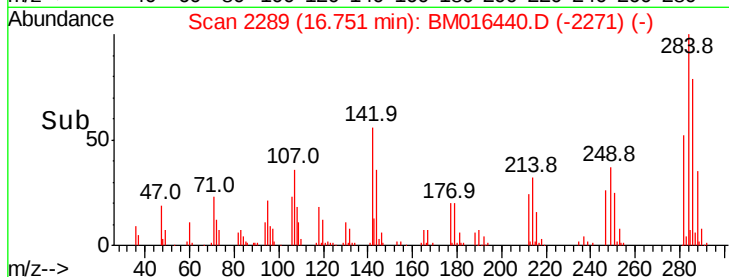
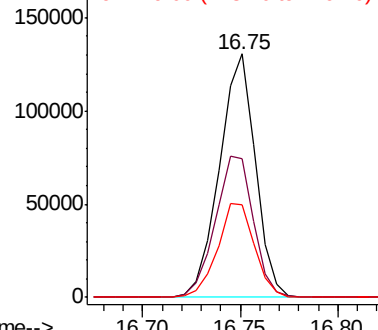
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 79.593 ng

RT: 16.91 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

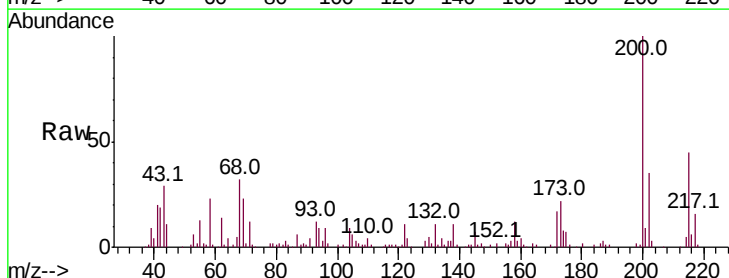
Tgt Ion:200 Resp: 128681

Ion Ratio Lower Upper

200 100

173 21.7 4.8 44.8

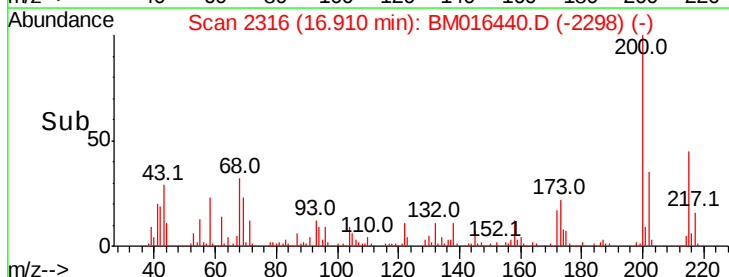
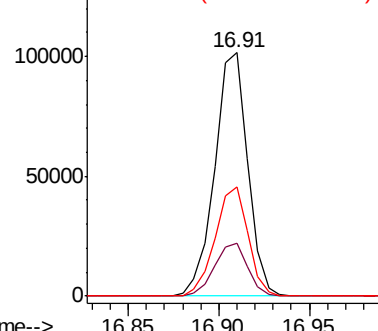
215 44.9 26.9 66.9

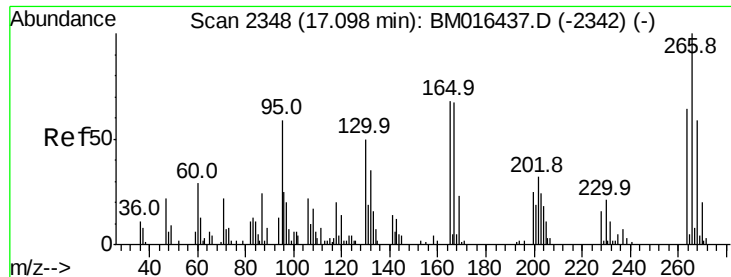


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





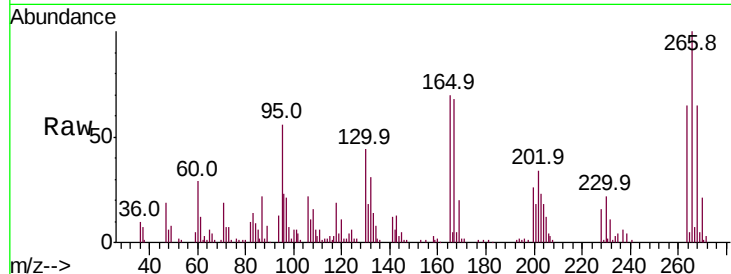
#69
 Pentachlorophenol
 Concen: 87.269 ng
 RT: 17.10 min Scan# 2348
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.0	78.0
264	64.7	49.0	73.4

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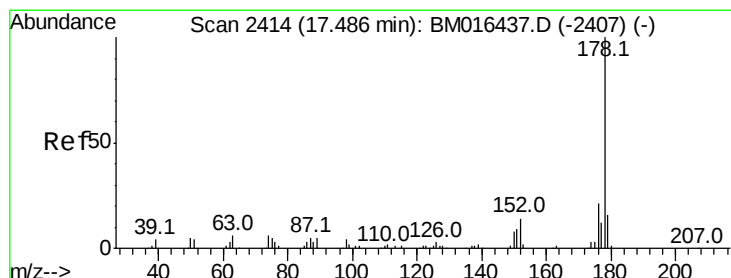
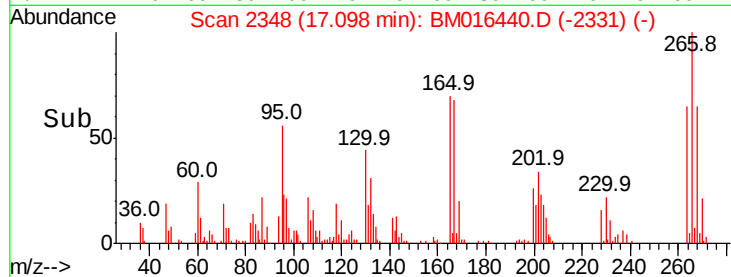
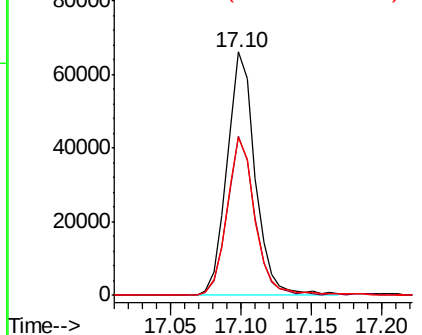


Abundance

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: 91.436 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

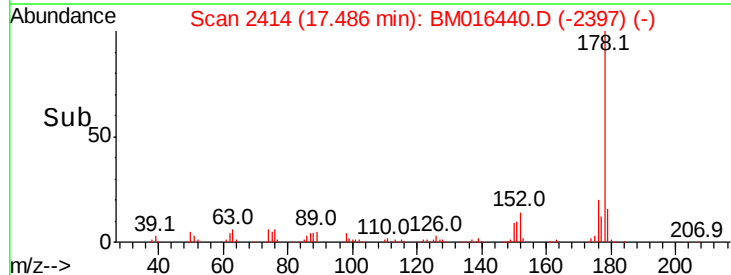
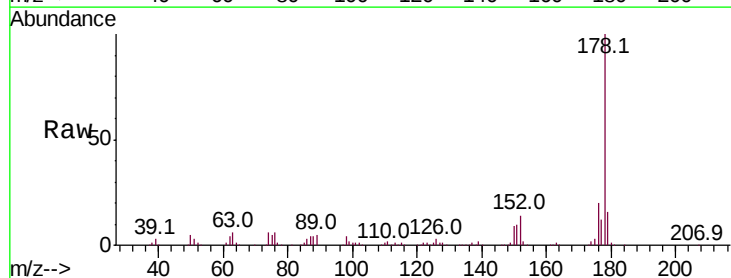
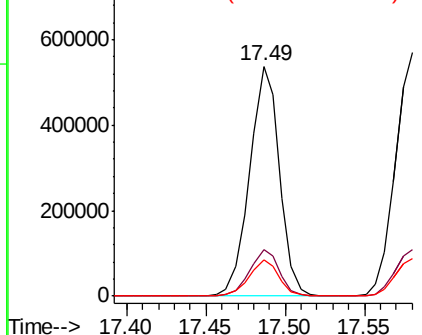
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	15.7	12.1	18.1

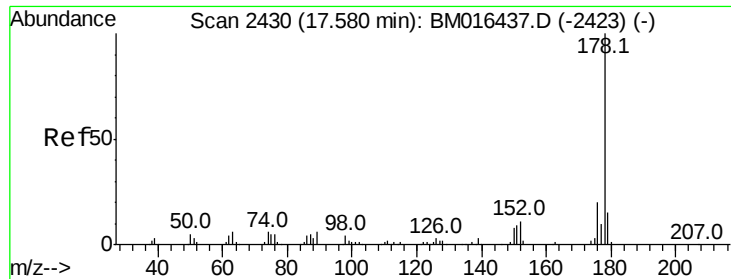
Abundance

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





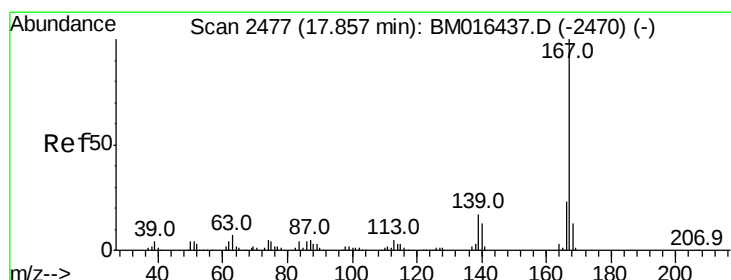
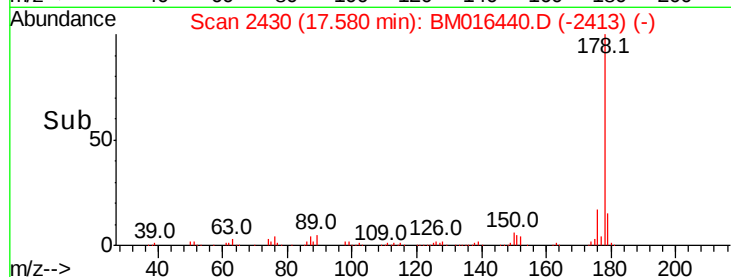
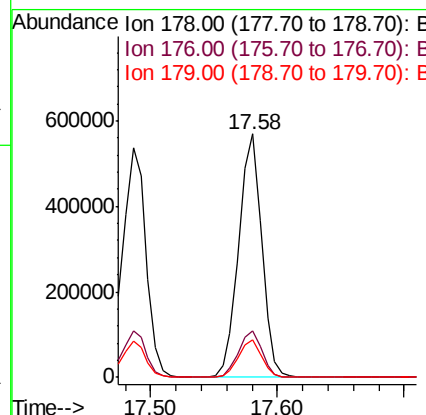
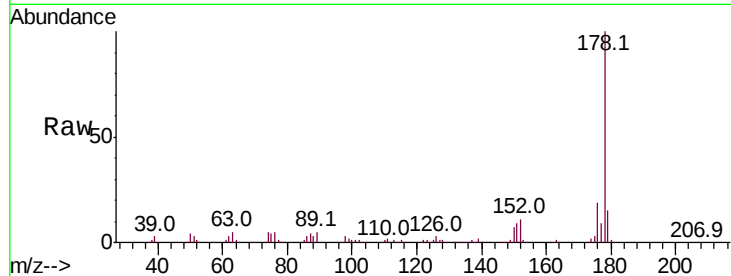
#71
 Anthracene
 Concen: 95.885 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.5	12.6	19.0

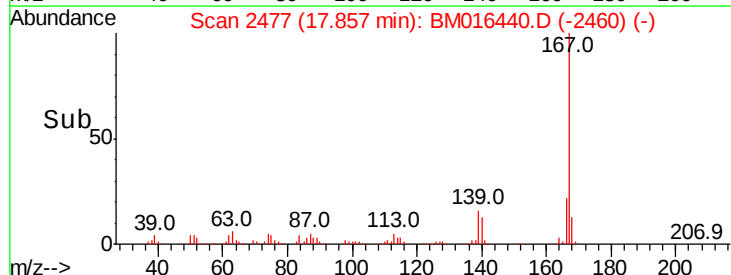
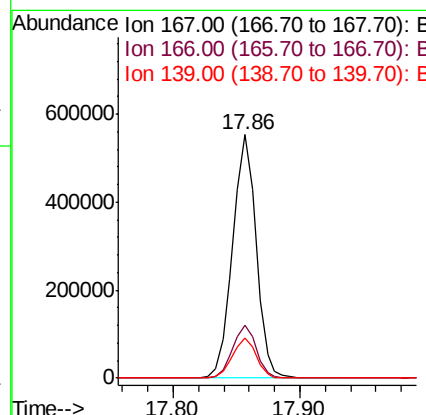
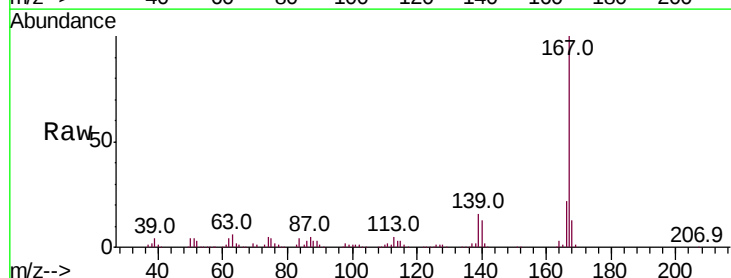
Manual Integrations
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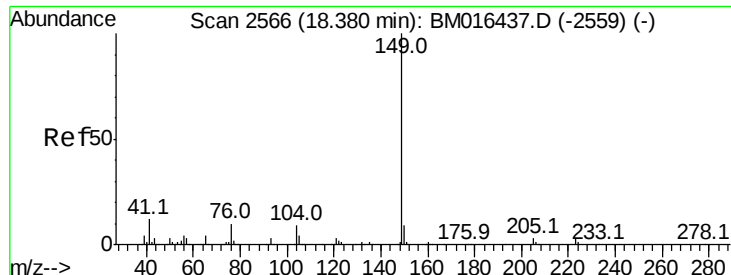
Sohil
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#72
 Carbazole
 Concen: 91.805 ng
 RT: 17.86 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	16.5	10.8	16.2#





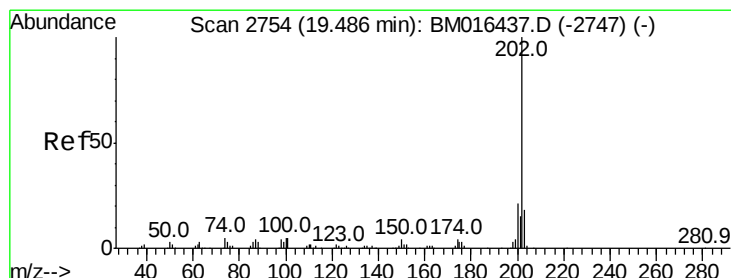
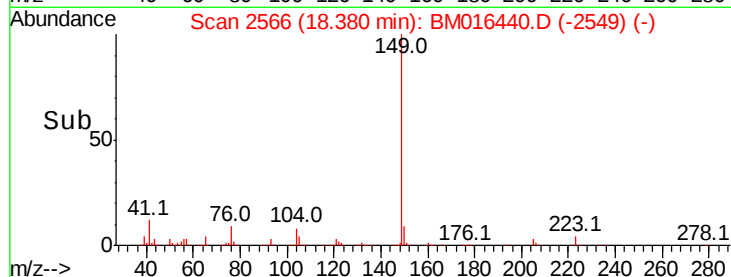
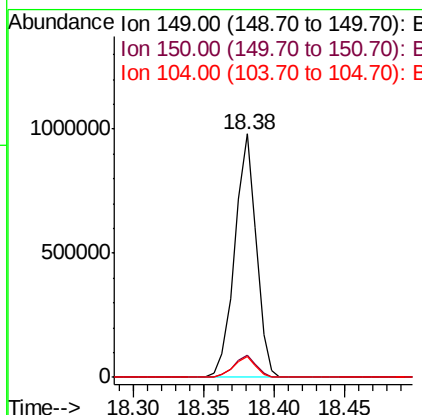
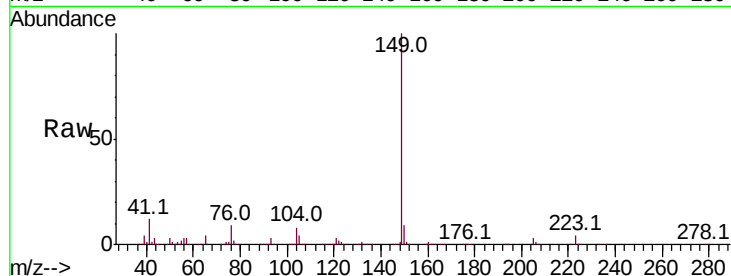
#73
Di-n-butylphthalate
Concen: 107.734 ng
RT: 18.38 min Scan# 2566
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	8.5	3.7	5.5

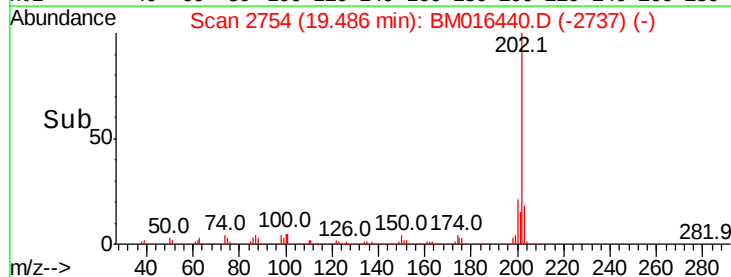
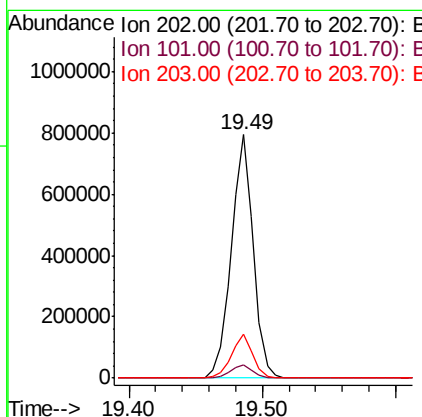
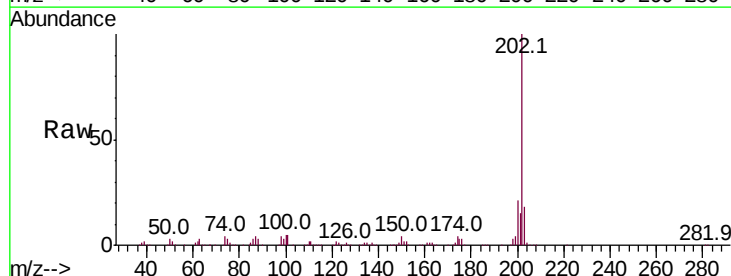
Manual Integrations
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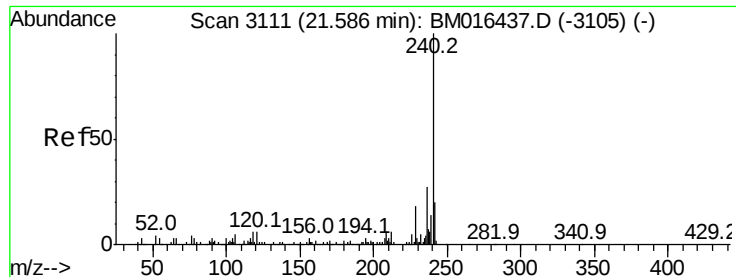
Sohil
8/20/2018 4:17:07 PM



#74
Fluoranthene
Concen: 106.523 ng
RT: 19.49 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	28.7
203	17.9	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

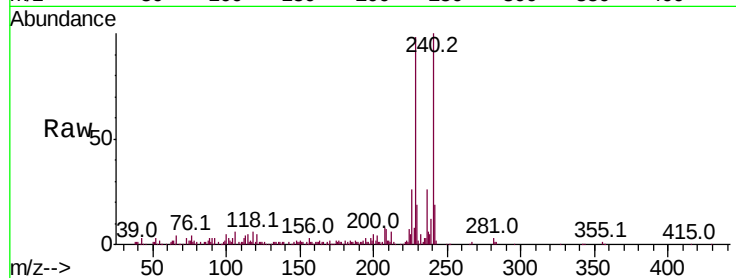
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	25.9	20.0	30.0

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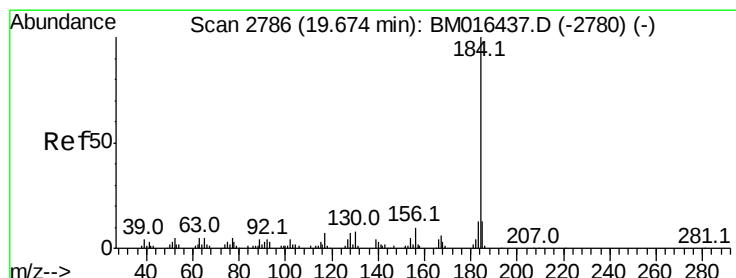
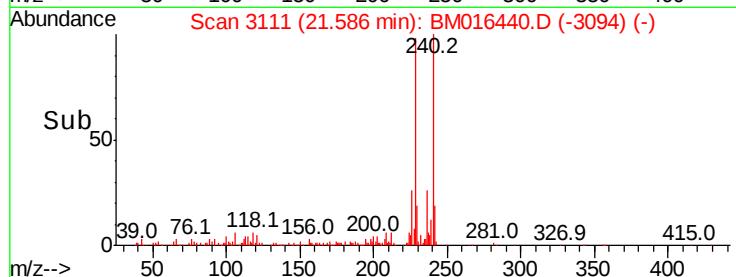
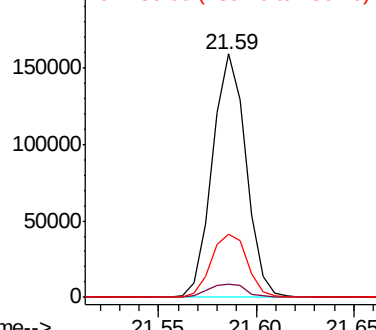


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 55.888 ng

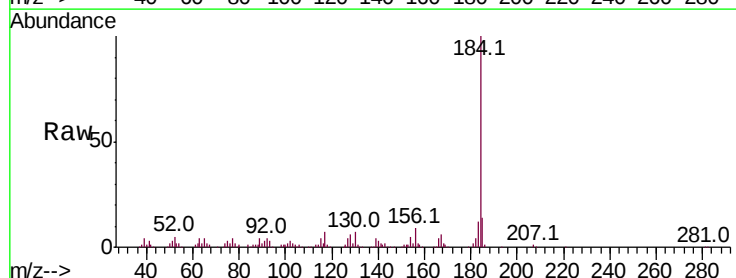
RT: 19.67 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	12.1	8.9	13.3

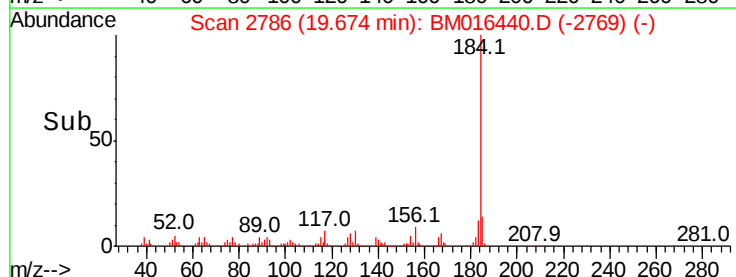
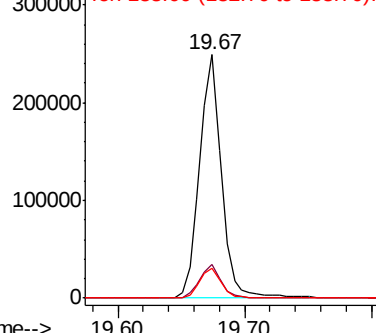


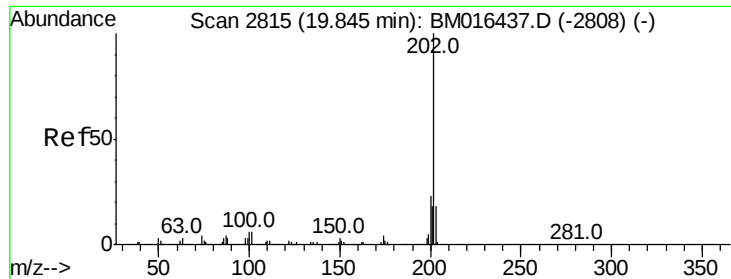
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





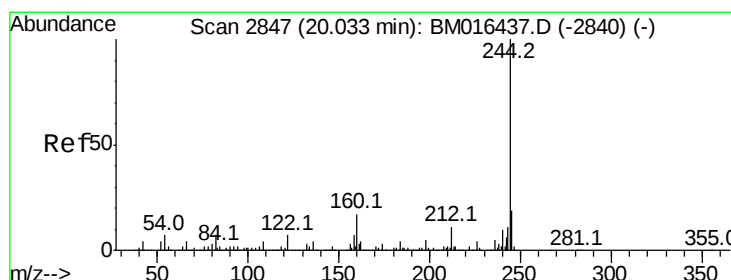
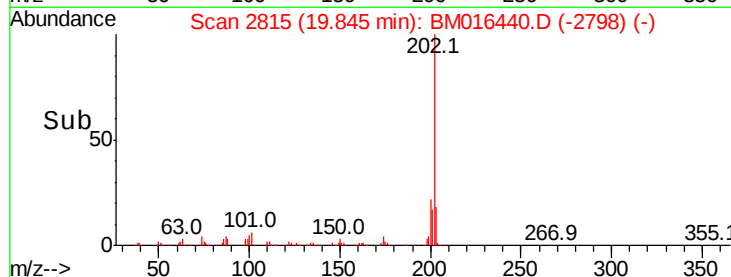
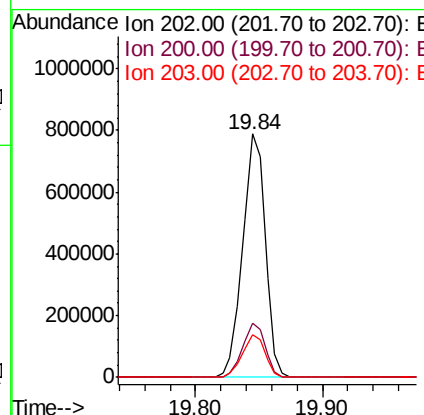
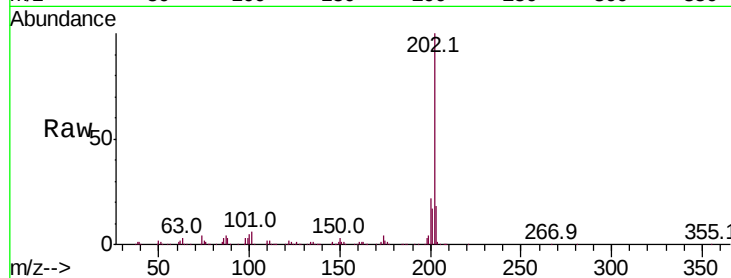
#77
Pvrene
Concen: 84.886 ng
RT: 19.84 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.3	16.9	25.3	
203	17.6	14.1	21.1	

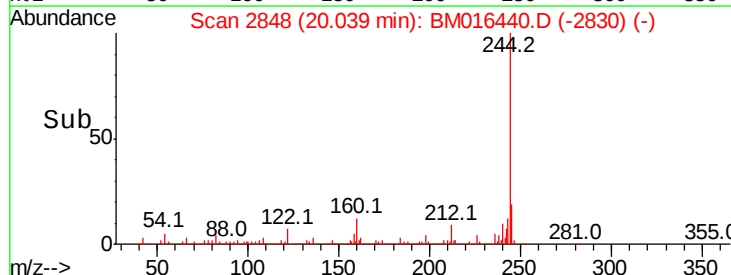
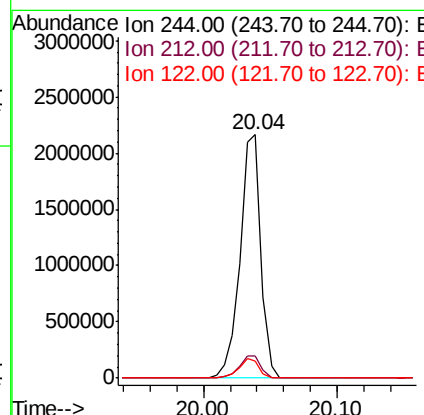
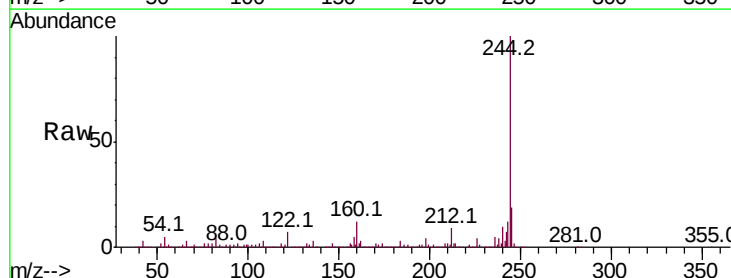
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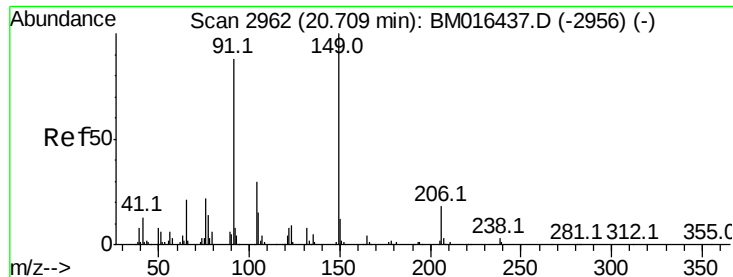
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#78
Terphenyl-d14
Concen: 84.886 ng
RT: 20.04 min Scan# 2848
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	9.1	4.9	7.3#	
122	7.0	6.2	9.4	





#79

Butylbenzylphthalate

Concen: 88.639 ng

RT: 20.71 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

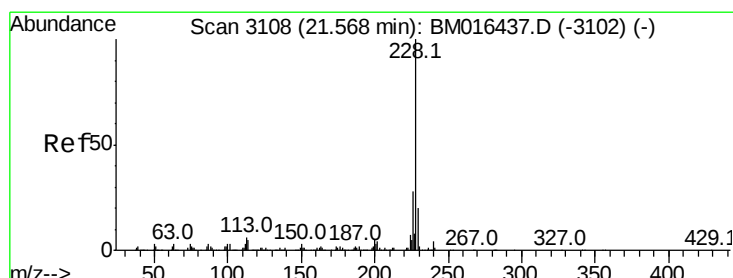
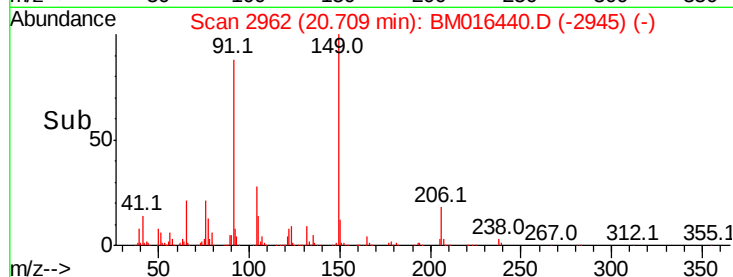
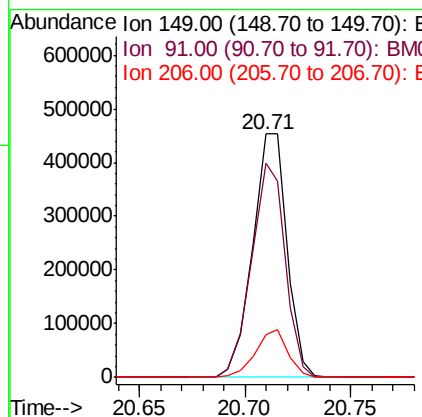
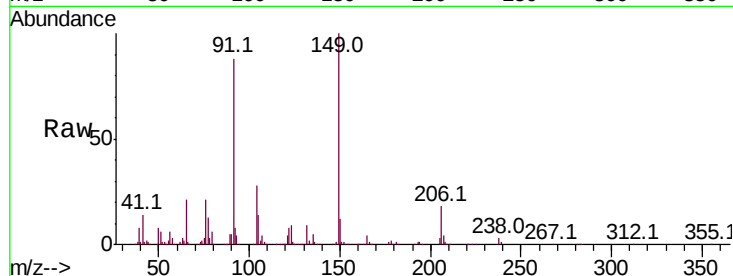
ClientSampleId :

SSTDIC080

Tot Ion:	149	Resp:	513401
Ion Ratio	Lower	Upper	
149	100		
91	88.1	50.1	75.1#
206	17.7	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 92.024 ng

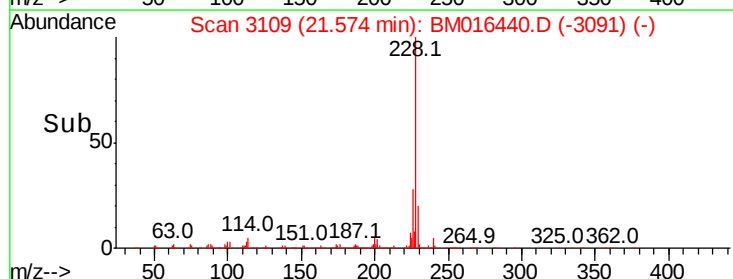
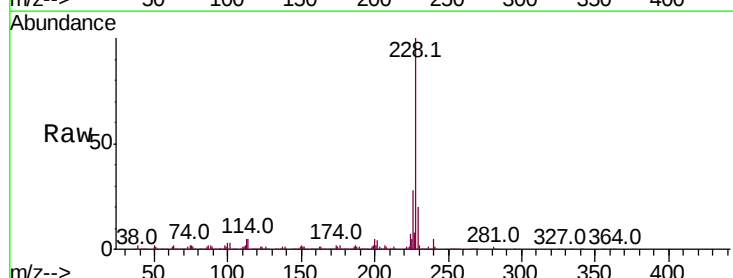
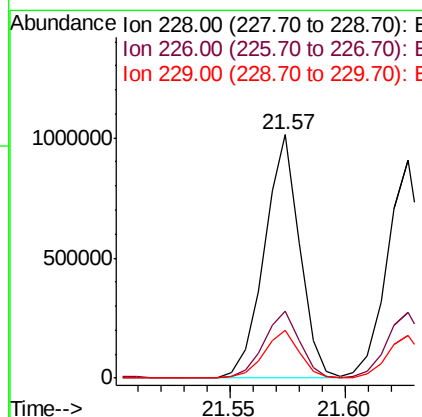
RT: 21.57 min Scan# 3109

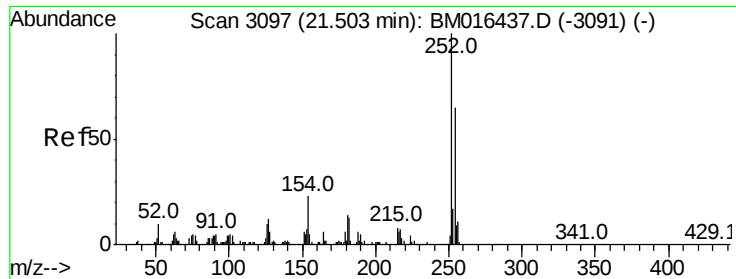
Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Tgt Ion:	228	Resp:	1078347
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.7	32.5
229	19.6	16.0	24.0





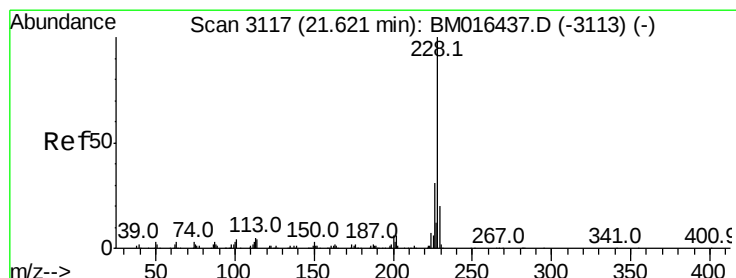
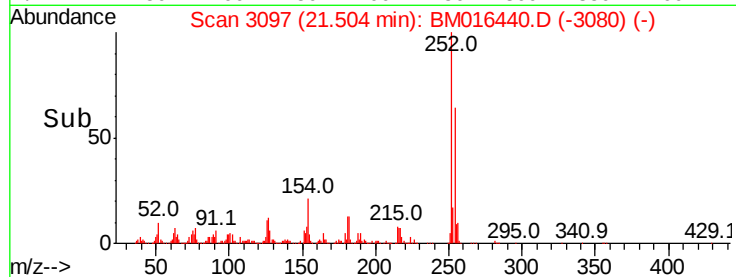
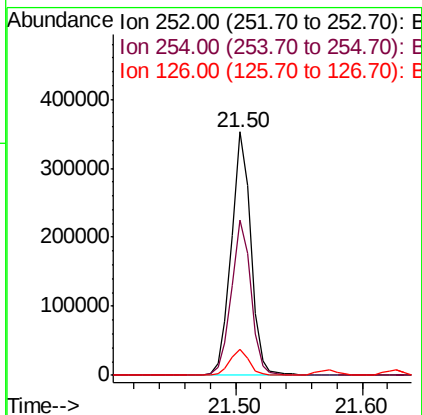
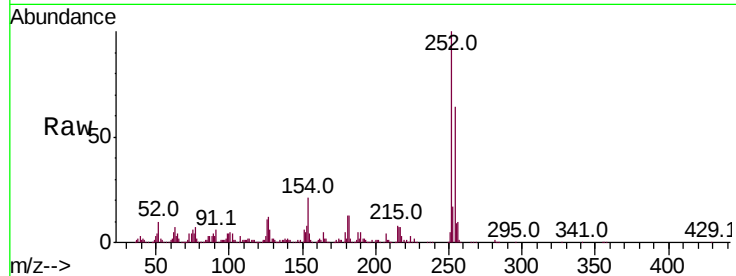
#81
 3,3'-Dichlorobenzidine
 Concen: 79.174 ng
 RT: 21.50 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
252	100	373696		
254	64.0		51.9	77.9
126	10.7		9.8	14.8

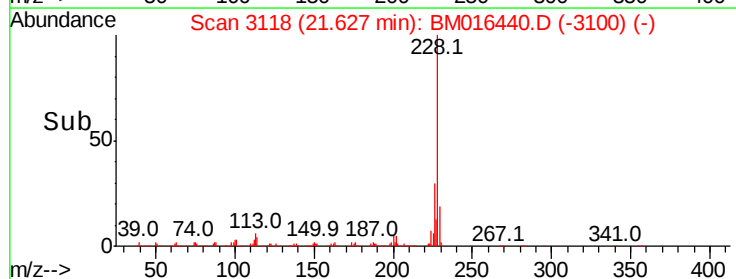
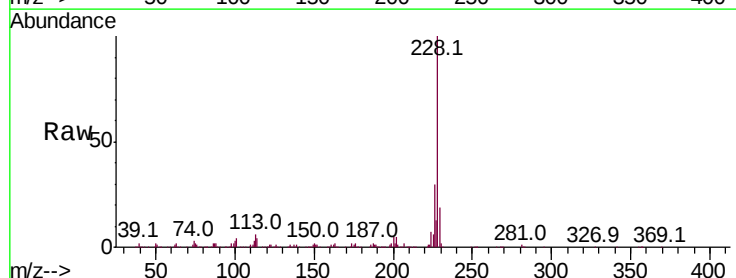
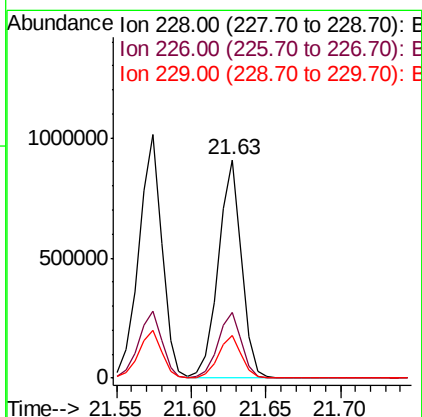
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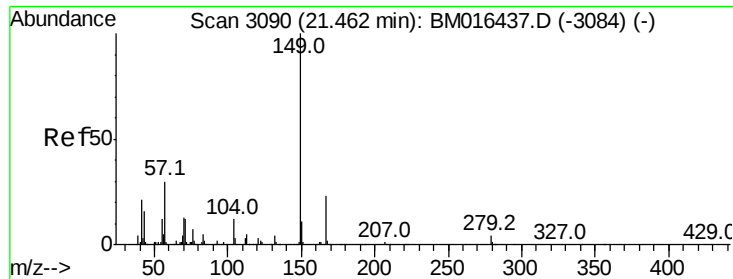
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#82
 Chrysene
 Concen: 88.474 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	994508		
226	30.3		24.1	36.1
229	19.5		15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 96.002 ng

RT: 21.46 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

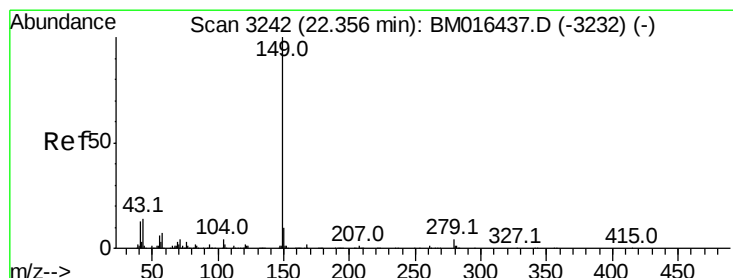
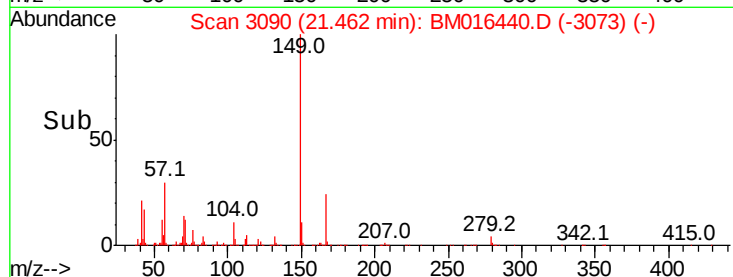
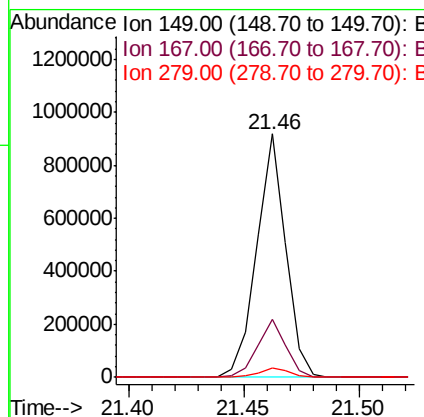
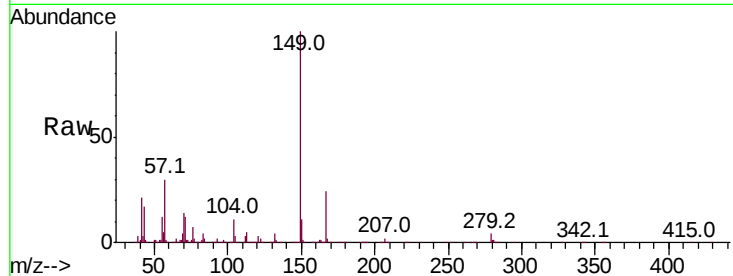
ClientSampleId :

SSTDIC080

Tot Ion:	149	Resp:	805857
Ion Ratio	Lower	Upper	
149	100		
167	23.7	22.4	33.6
279	4.0	3.4	5.0

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#84

Di-n-octyl phthalate

Concen: 87.966 ng

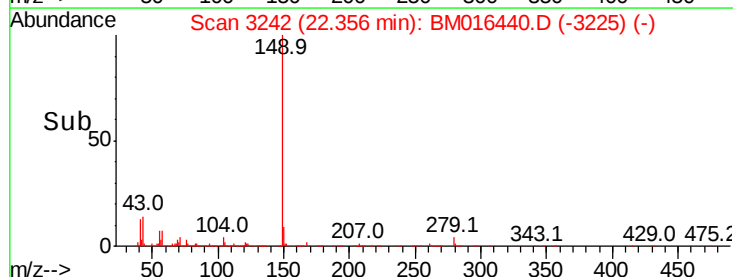
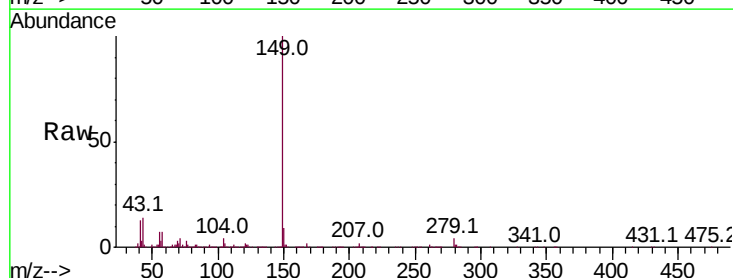
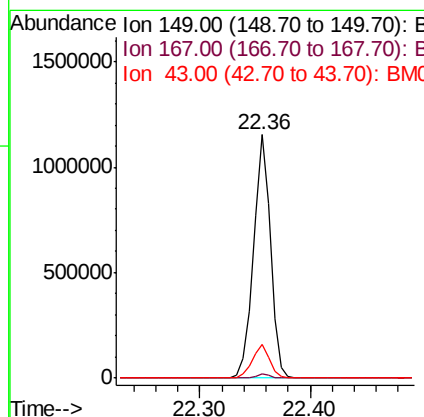
RT: 22.36 min Scan# 3242

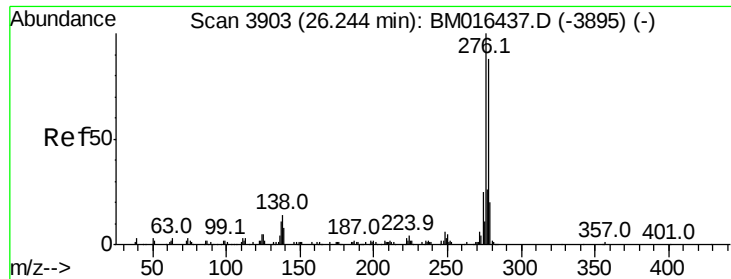
Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Tgt Ion:	149	Resp:	1241020
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.0	7.3	10.9#





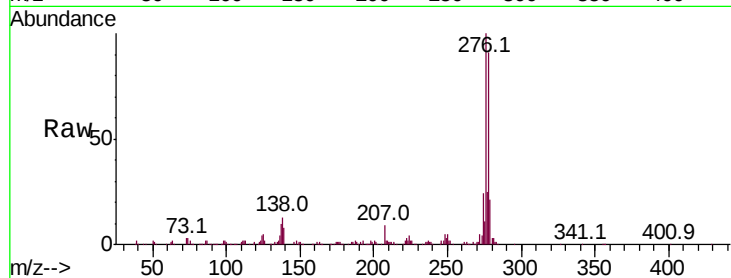
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.387 ng
RT: 26.26 min Scan# 3906
Delta R.T. 0.02 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

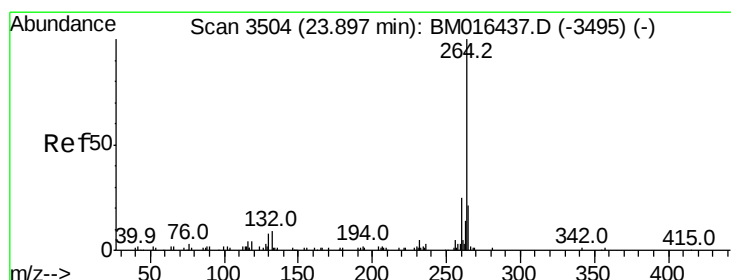
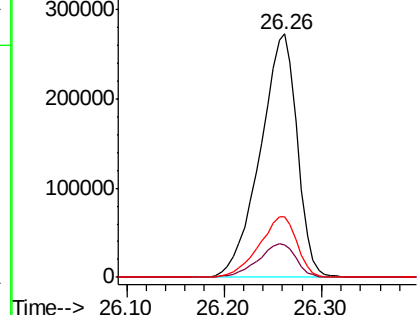
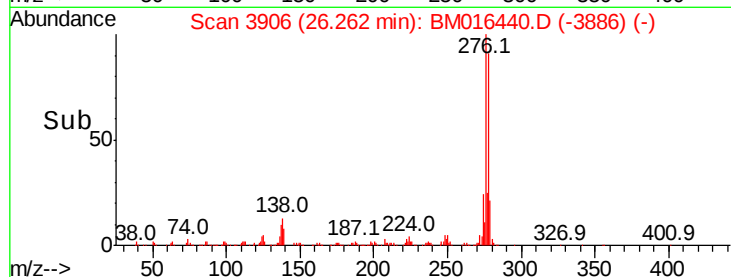
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.0	18.0
277	25.5	20.0	30.0

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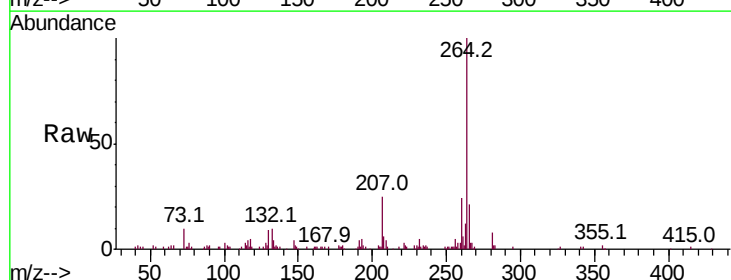


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

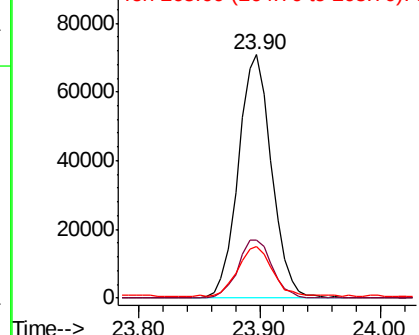
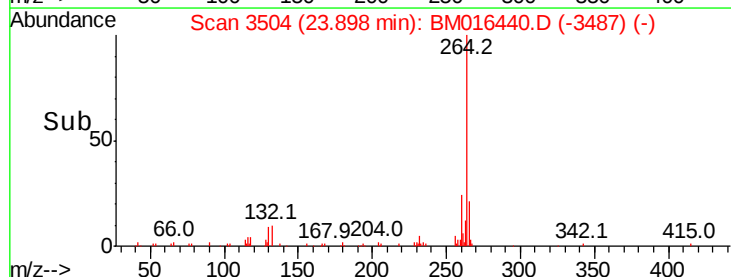


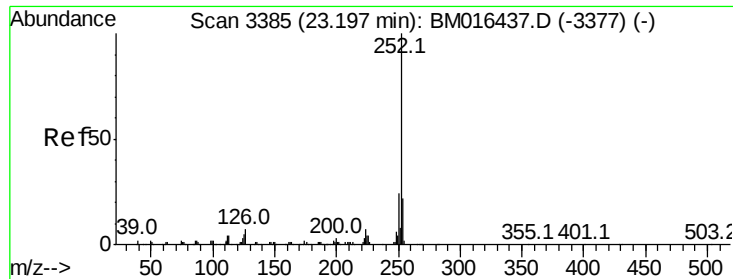
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3504
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.4	17.3	25.9



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





#87

Benzo(b)fluoranthene

Concen: 101.760 ng

RT: 23.20 min Scan# 3386

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

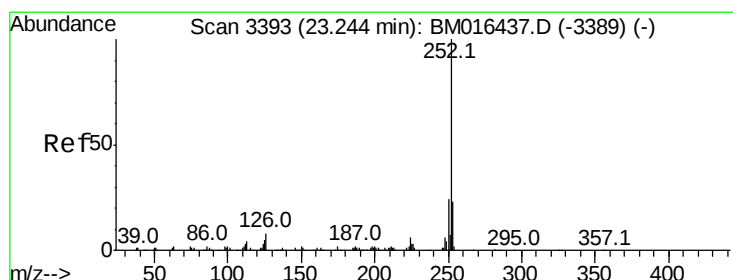
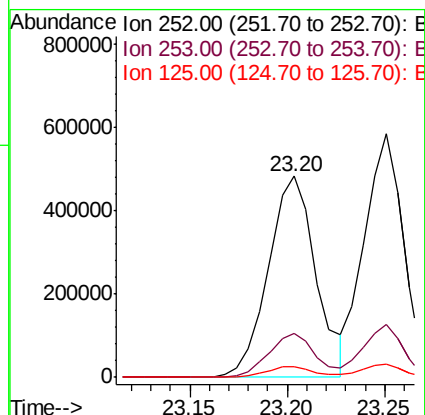
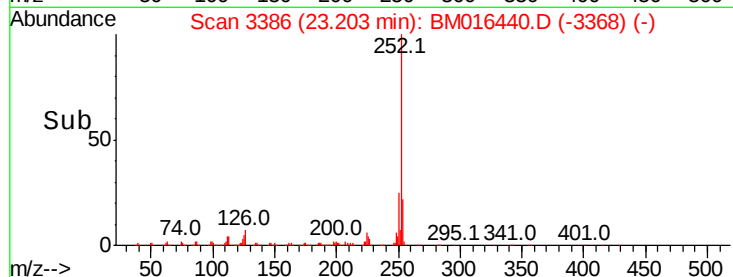
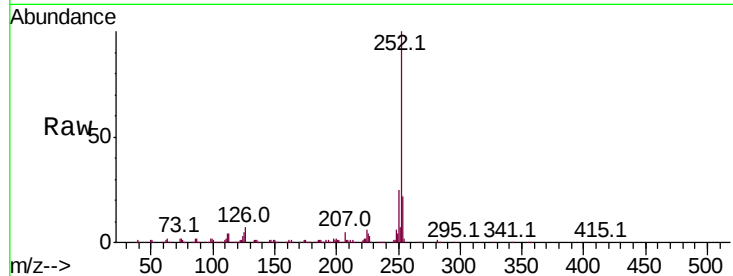
ClientSampleId :

SSTDICC080

Tot Ion:	252	Resp:	814724
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	5.4	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 100.520 ng

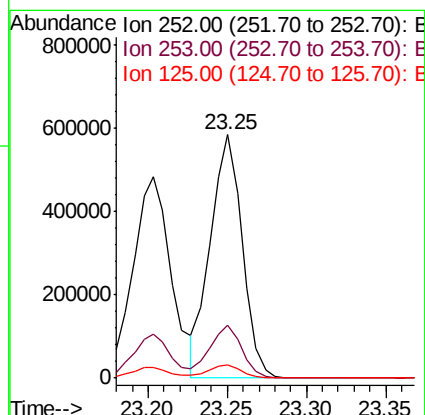
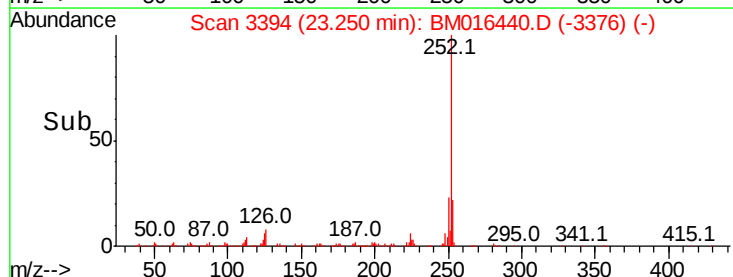
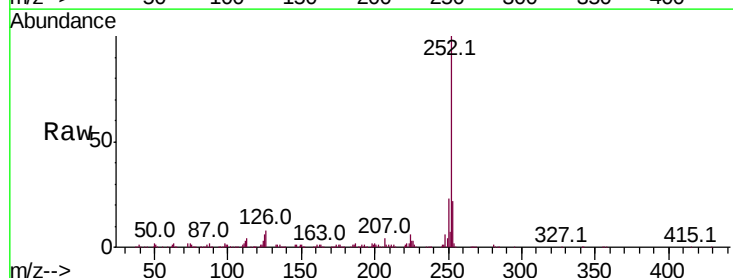
RT: 23.25 min Scan# 3394

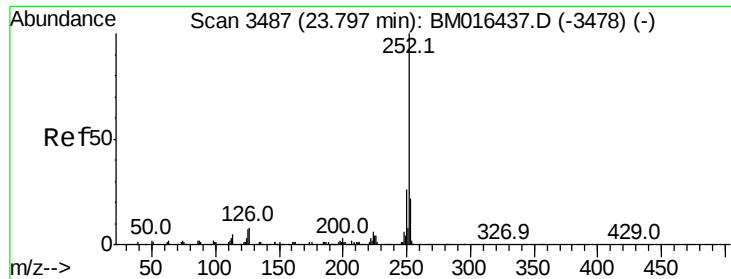
Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Tgt Ion:	252	Resp:	815621
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.2	25.8
125	5.5	8.1	12.1#





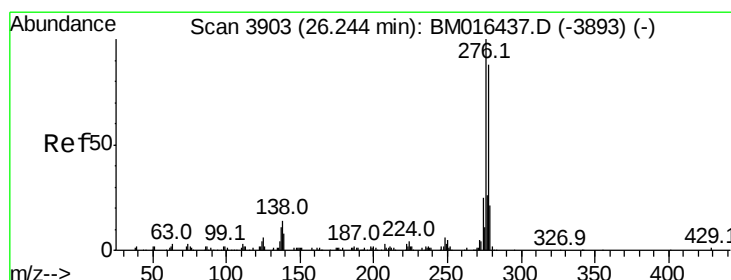
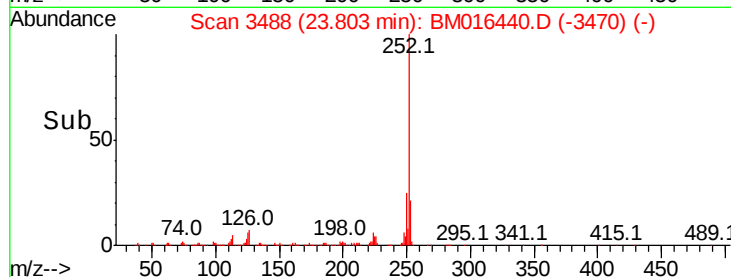
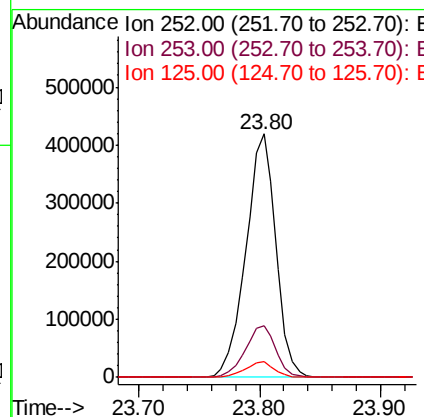
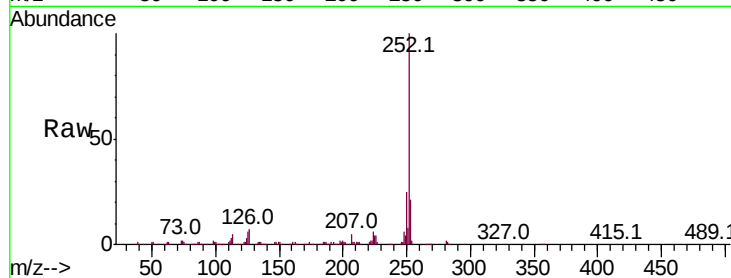
#89
Benzo(a)pyrene
Concen: 94.110 ng
RT: 23.80 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	6.4	7.4	11.2

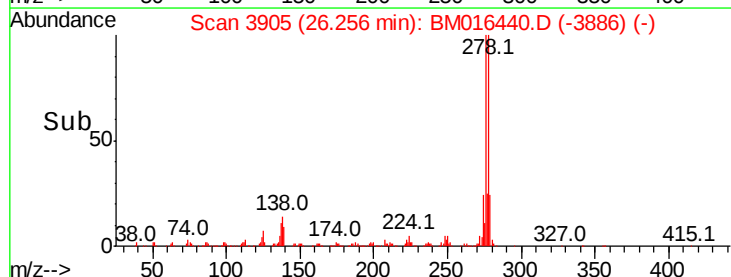
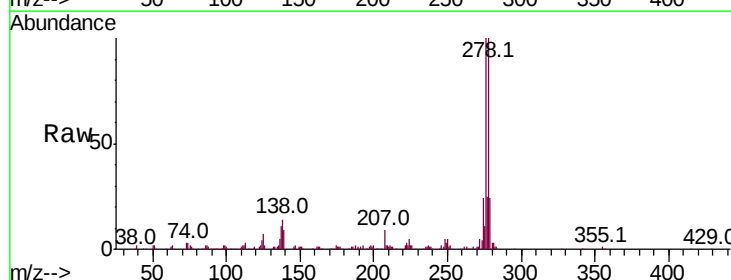
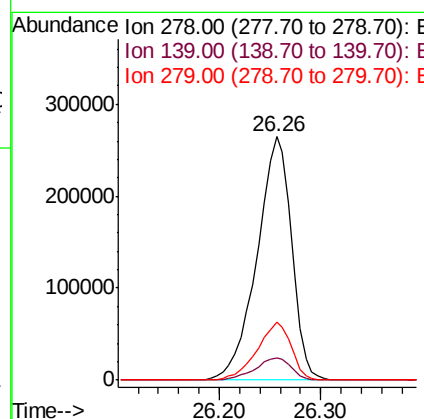
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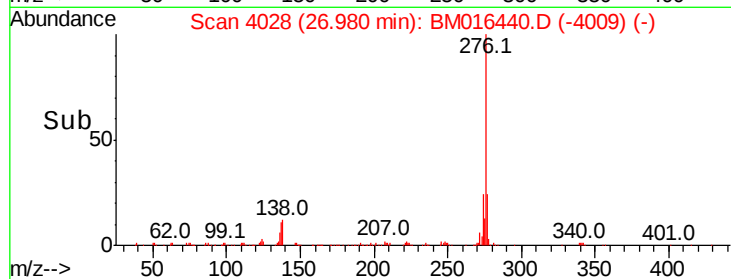
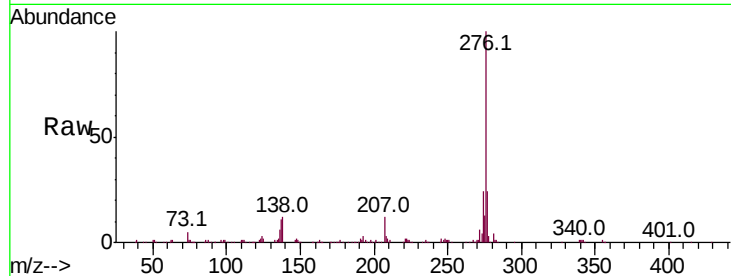
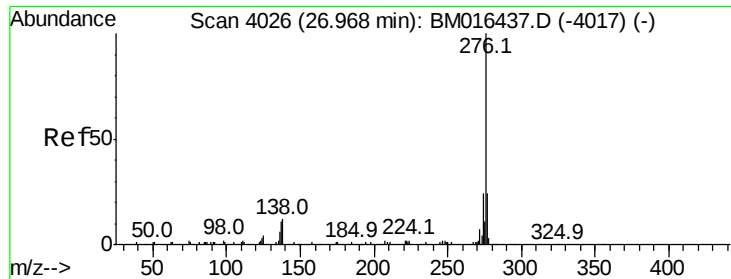
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 78.770 ng
RT: 26.26 min Scan# 3905
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.1	13.4	20.0
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 66.513 ng
 RT: 26.98 min Scan# 4028
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	12.4	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:17:07 PM

