

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016502.D
 Acq On : 22 Aug 2018 02:19
 Operator : SJ/JU
 Sample : J4539-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:03 PM

Quant Time: Aug 22 04:08:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	195217	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	678834	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	571212	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1707349	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2003760	20.00	ng	0.00
86) Perylene-d12	23.83	264	1851598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1389308	139.46	ng	0.01
7) Phenol-d6	7.20	99	1591469	120.72	ng	0.00
23) Nitrobenzene-d5	9.21	82	1729102	116.30	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	3295288	206.37	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	7520617	126.56	ng	0.00
78) Terphenyl-d14	19.99	244	11908924	125.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	181123	32.910	ng	# 100
3) Pyridine	3.84	79	273064	23.847	ng	# 83
4) n-Nitrosodimethylamine	3.75	42	230711	45.226	ng	# 68
6) Aniline	7.36	93	209049	14.171	ng	92
8) 2-Chlorophenol	7.59	128	527133	44.468	ng	98
9) Benzaldehyde	7.19	77	106947	11.690	ng	84
10) Phenol	7.23	94	456979	35.052	ng	90
11) bis(2-Chloroethyl)ether	7.46	93	407673	41.701	ng	98
12) 1,3-Dichlorobenzene	7.90	146	638892	40.651	ng	# 86
13) 1,4-Dichlorobenzene	8.06	146	647930	40.172	ng	98
14) 1,2-Dichlorobenzene	8.37	146	662360	41.800	ng	98
15) Benzyl Alcohol	8.29	79	487603	39.830	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.55	45	250522	37.216	ng	# 41
17) 2-Methylphenol	8.48	107	401378	42.516	ng	# 75
18) Hexachloroethane	9.08	117	312809	42.098	ng	# 36
19) n-Nitroso-di-n-propylamine	8.85	70	429797	41.584	ng	# 86
20) 3+4-Methylphenols	8.82	107	532670	40.808	ng	# 82
22) Acetophenone	8.87	105	853622	52.221	ng	# 95
24) Nitrobenzene	9.25	77	724919	48.800	ng	94
25) Isophorone	9.77	82	1179086	59.338	ng	# 94
26) 2-Nitrophenol	9.96	139	328195	51.680	ng	# 49
27) 2,4-Dimethylphenol	10.01	122	484786	58.577	ng	# 76
28) bis(2-Chloroethoxy)methane	10.25	93	626593	52.826	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	767380	61.954	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	1178108	62.683	ng	# 94
31) Naphthalene	10.88	128	1737943	53.736	ng	98
32) Benzoic acid	10.25	122	311601	45.000	ng	# 76
33) 4-Chloroaniline	11.03	127	124012m	9.111	ng	
34) Hexachlorobutadiene	11.13	225	1082388	60.338	ng	97
35) Caprolactam	11.85	113	101269m	34.073	ng	
36) 4-Chloro-3-methylphenol	12.14	107	620715	52.127	ng	92
37) 2-Methylnaphthalene	12.49	142	1604667	63.377	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1769003	54.835	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	2051429	118.177	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	1086530	56.322	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	1124389m	59.667	nq	
45) 1,1'-Biphenyl	13.49	154	2406083	48.038	nq	98
46) 2-Chloronaphthalene	13.55	162	2007516	49.334	nq	98
47) 2-Nitroaniline	13.77	65	444335	40.996	nq	82
48) Acenaphthylene	14.39	152	3010876	52.418	nq	99
49) Dimethylphthalate	14.13	163	2816583	51.324	nq	# 98
50) 2,6-Dinitrotoluene	14.27	165	554426	51.796	nq	# 89
51) Acenaphthene	14.73	154	1744128	49.425	nq	95
52) 3-Nitroaniline	14.60	138	186215	19.120	nq	# 69
53) 2,4-Dinitrophenol	14.83	184	802017	149.724	nq	# 71
54) Dibenzofuran	15.06	168	3780529	55.964	nq	98
55) 4-Nitrophenol	14.92	139	485923	78.223	nq	# 82
56) 2,4-Dinitrotoluene	15.07	165	947526	53.086	nq	# 83
57) Fluorene	15.71	166	3019656	59.172	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1042692	57.570	nq	# 100
59) Diethylphthalate	15.48	149	2671334	46.685	nq	94
60) 4-Chlorophenyl-phenylether	15.70	204	2339460	54.666	nq	# 86
61) 4-Nitroaniline	15.77	138	339430	35.660	nq	# 1
62) Azobenzene	15.99	77	2677495	43.932	nq	87
64) 4,6-Dinitro-2-methylphenol	15.83	198	639346	49.283	nq	# 55
65) n-Nitrosodiphenylamine	15.92	169	2486909	51.777	nq	99
66) 4-Bromophenyl-phenylether	16.59	248	1436442	54.755	nq	99
67) Hexachlorobenzene	16.71	284	1642526	53.688	nq	96
68) Atrazine	16.87	200	1138854	51.955	nq	90
69) Pentachlorophenol	17.06	266	1587882	98.094	nq	100
70) Phenanthrene	17.44	178	5031417	57.016	nq	99
71) Anthracene	17.54	178	5145244	58.717	nq	98
72) Carbazole	17.82	167	3646689	46.308	nq	98
73) Di-n-butylphthalate	18.34	149	4519276	47.073	nq	# 97
74) Fluoranthene	19.44	202	6974916	53.907	nq	94
76) Benzidine	19.64	184	164737	4.275	nq	97
77) Pyrene	19.80	202	6968287	63.990	nq	99
79) Butylbenzylphthalate	20.67	149	1966805	52.325	nq	# 83
80) Benzo(a)anthracene	21.53	228	6624648	56.235	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	1111745	21.201	nq	# 95
82) Chrysene	21.59	228	6099323	54.264	nq	98
83) Bis(2-ethylhexyl)phthalate	21.42	149	2806348	50.221	nq	# 97
84) Di-n-octyl phthalate	22.31	149	4436827	47.779	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.16	276	7473695	46.235	nq	# 92
87) Benzo(b)fluoranthene	23.14	252	6726134	63.017	nq	# 90
88) Benzo(k)fluoranthene	23.19	252	6124462	56.394	nq	# 93
89) Benzo(a)pyrene	23.74	252	6032184	58.083	nq	# 94
90) Dibenzo(a,h)anthracene	26.16	278	6365714	54.692	nq	# 88
91) Benzo(g,h,i)perylene	26.87	276	5741386	54.953	nq	# 81

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

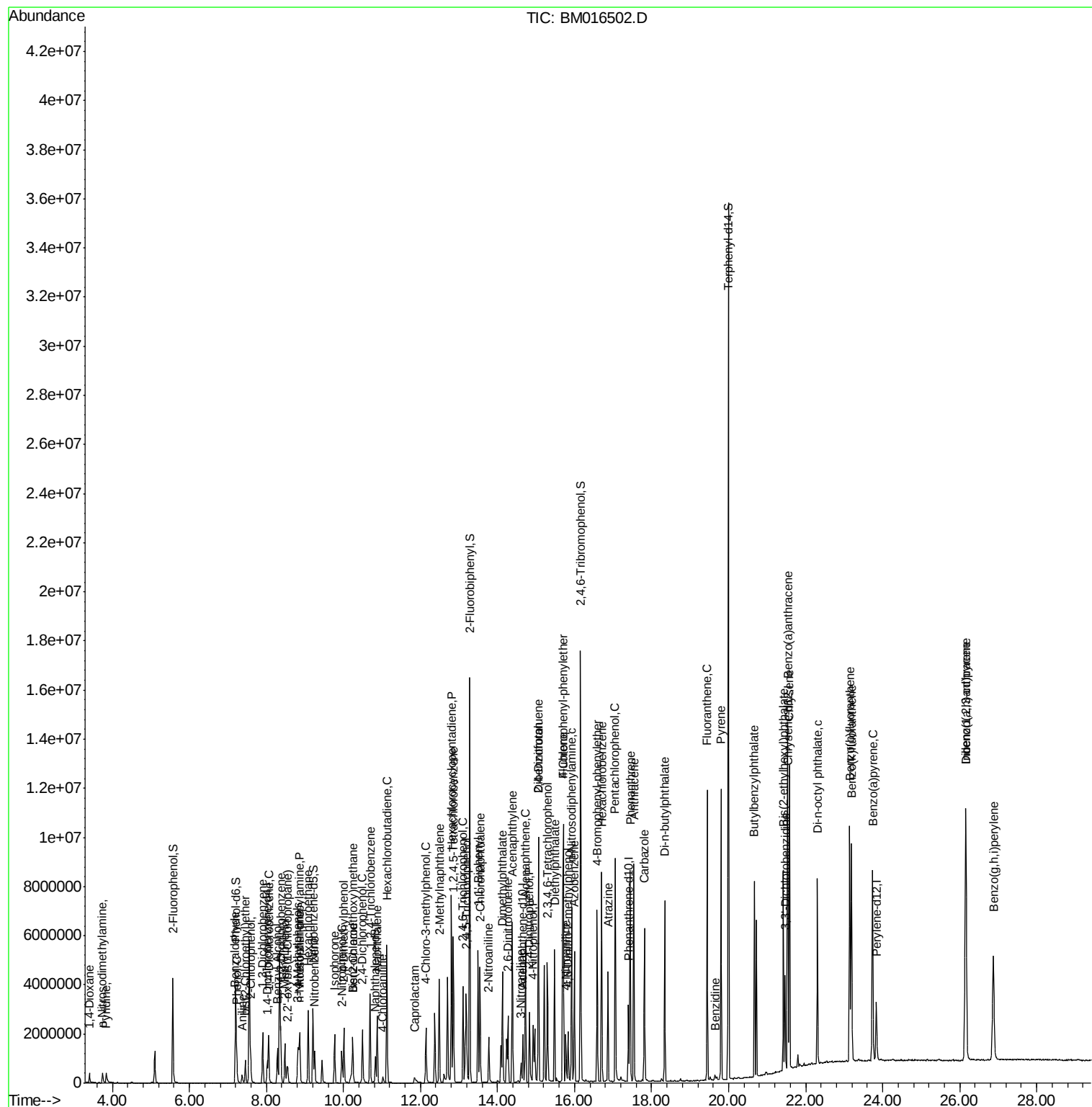
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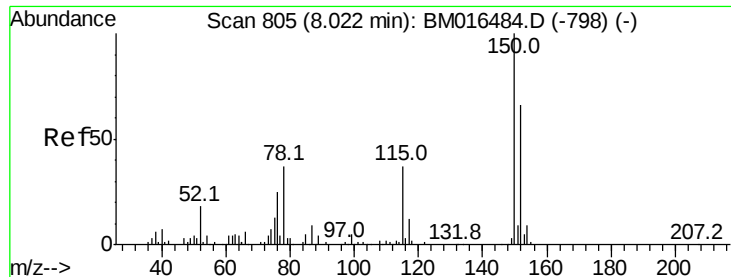
Instrument :
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ClientSampleId :
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#1

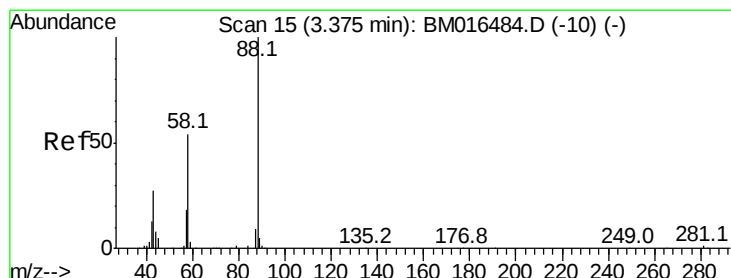
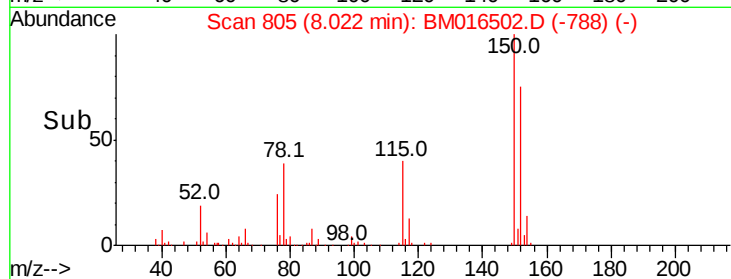
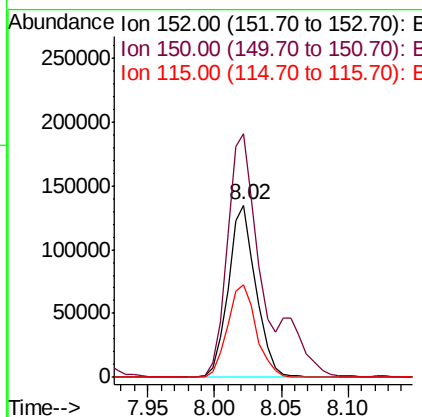
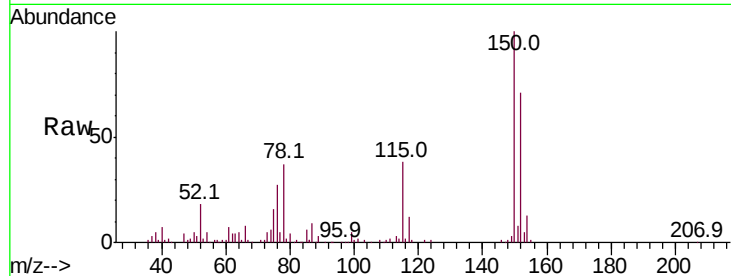
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.3	119.5	179.3
115	53.9	43.0	64.4

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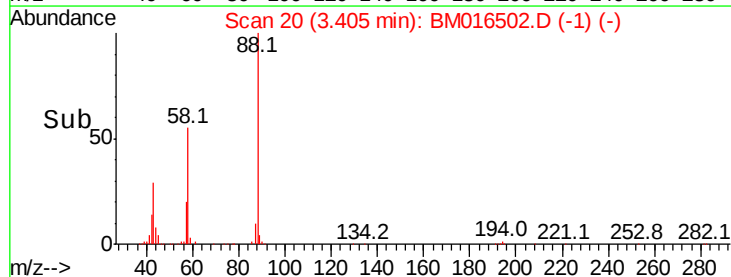
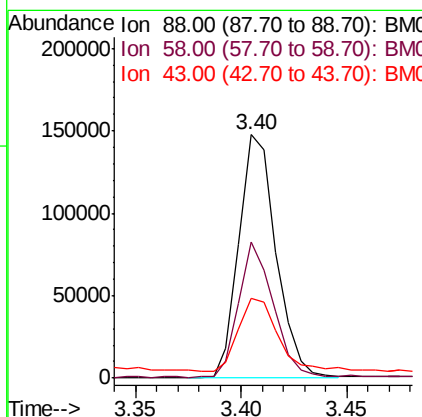
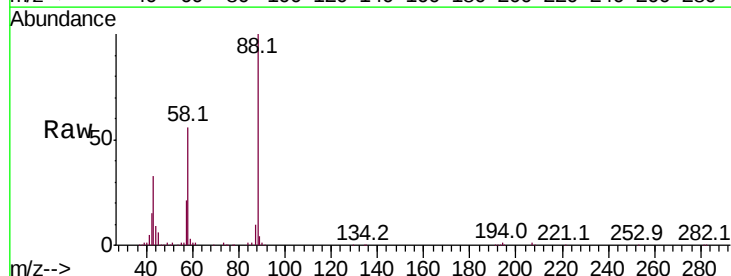
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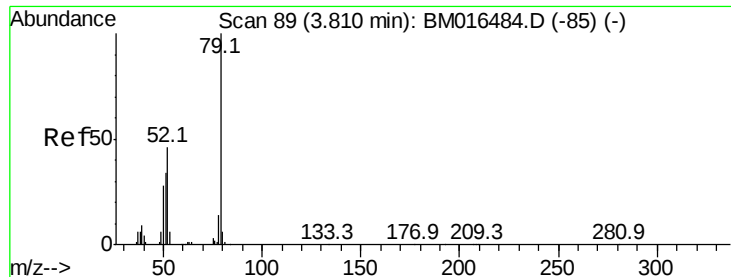


#2

1,4-Dioxane
Concen: 32.910 ng
RT: 3.40 min Scan# 20
Delta R.T. 0.03 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.9	0.0	0.0#
43	31.6	0.0	0.0#





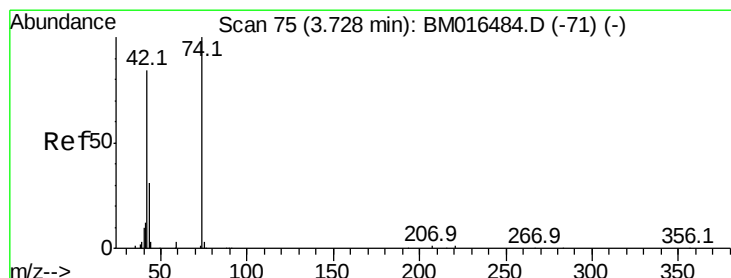
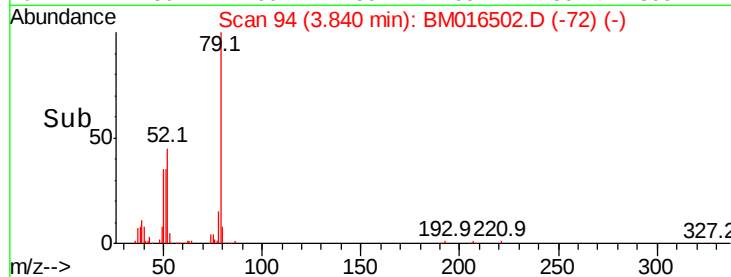
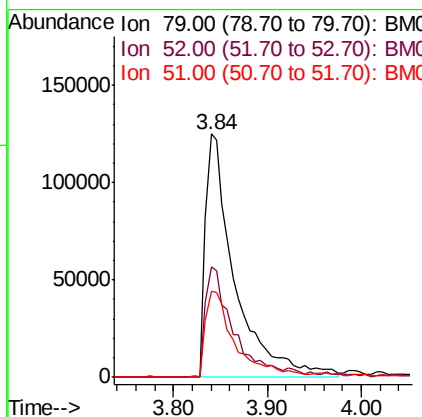
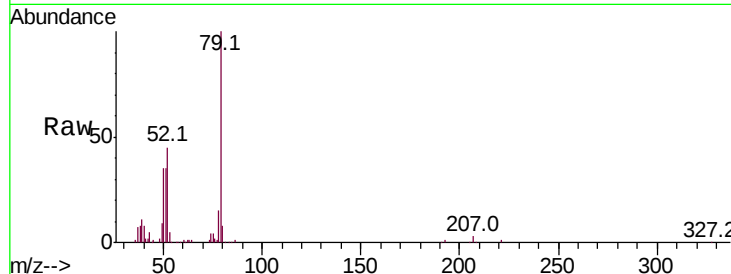
#3
 Pvridine
 Concen: 23.847 ng
 RT: 3.84 min Scan# 94
 Delta R.T. 0.03 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.5	51.1	76.7#
51	35.4	26.1	39.1

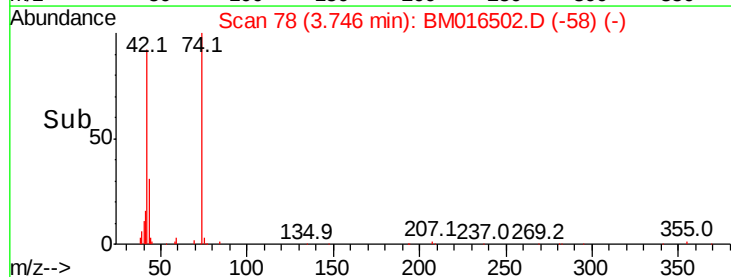
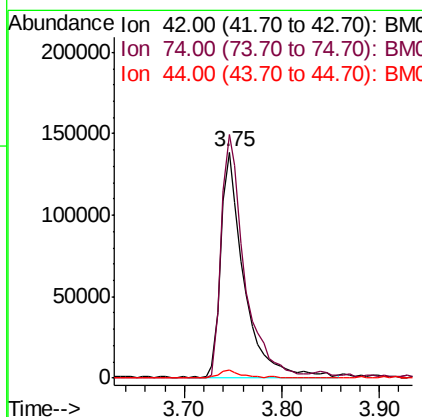
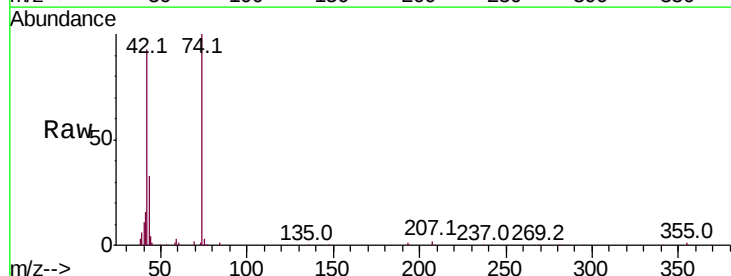
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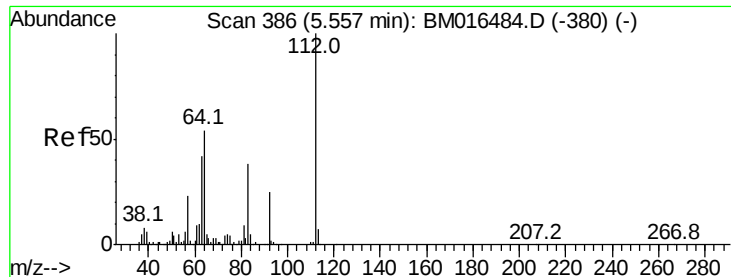
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#4
 n-Nitrosodimethylamine
 Concen: 45.226 ng
 RT: 3.75 min Scan# 78
 Delta R.T. 0.02 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.7	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 45.226 ng

RT: 5.57 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MS

Tot Ion: 112 Resp: 1389308

Ion Ratio Lower Upper

112 100

64 53.6 38.6 57.8

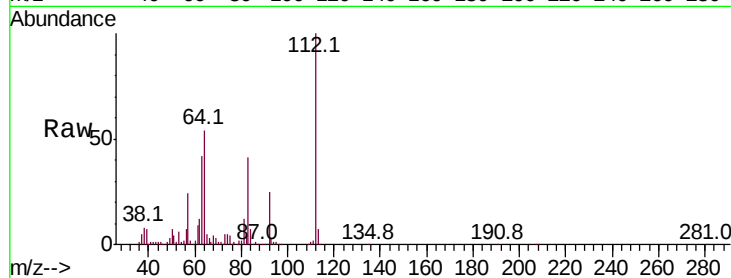
63 41.9 19.3 28.9#

Manual Integrations

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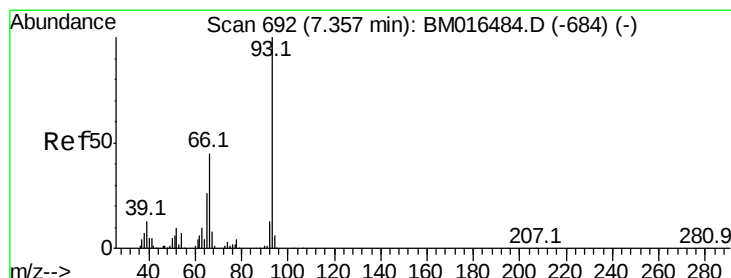
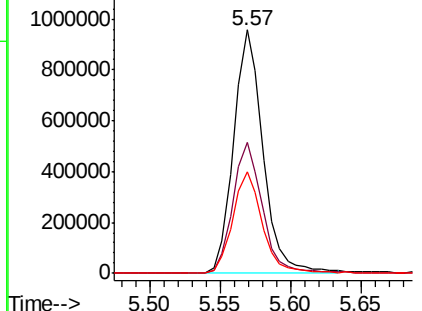
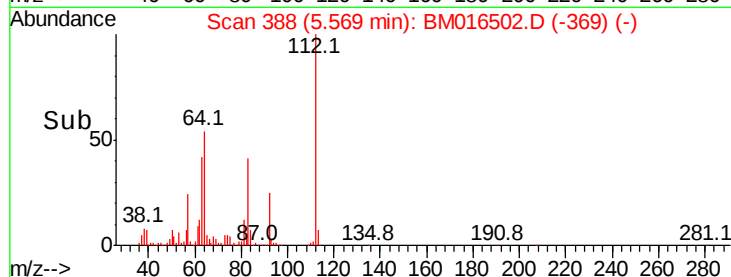
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 14.171 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

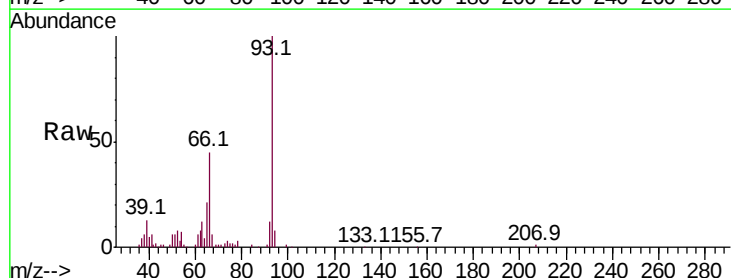
Tgt Ion: 93 Resp: 209049

Ion Ratio Lower Upper

93 100

66 45.0 30.8 46.2

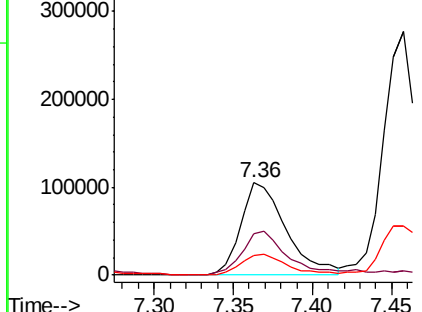
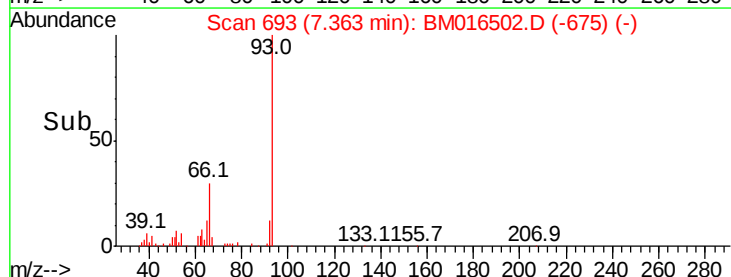
65 21.5 16.0 24.0

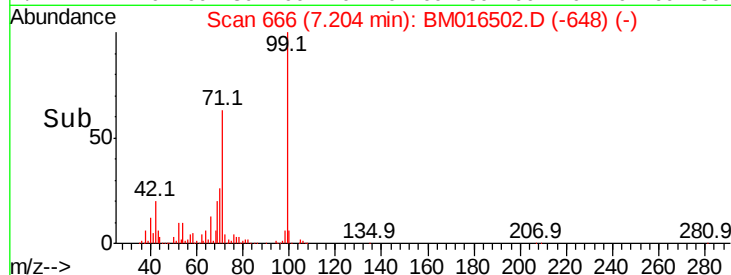
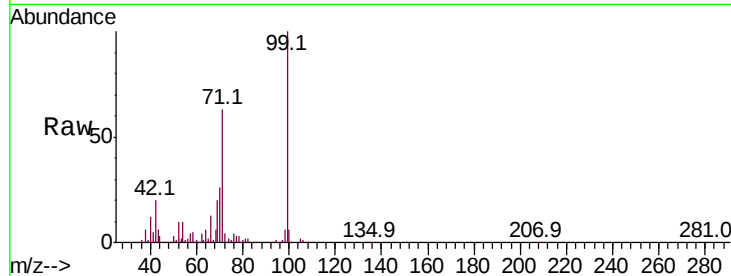
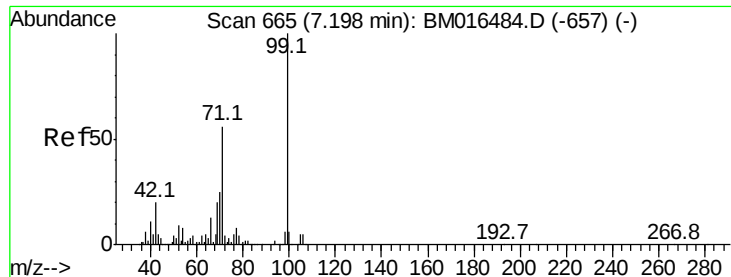


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 14.171 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tot Ion: 99 Resp: 1591469

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

71 62.6 23.4 35.2#

Instrument :

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ClientSampleId :

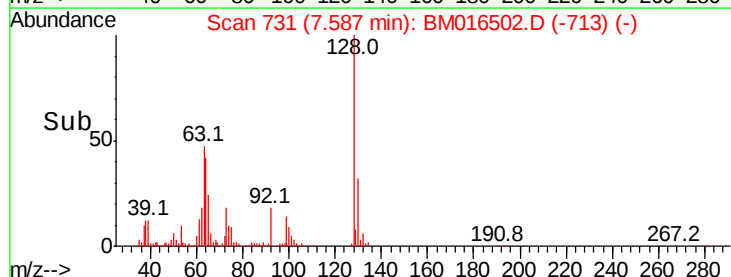
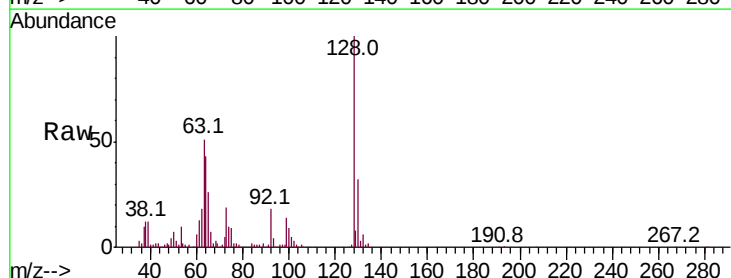
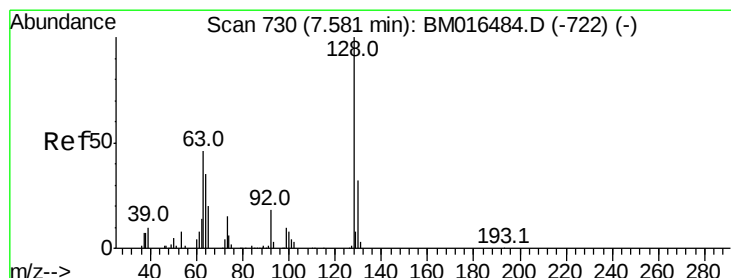
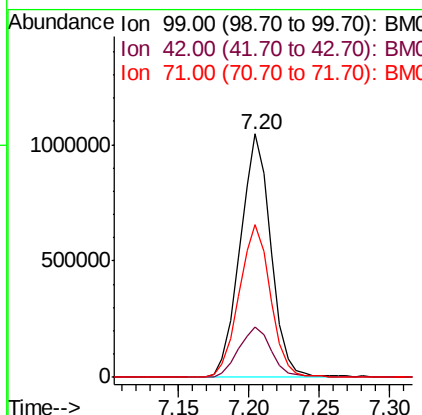
MS-RO-27186MS

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#8

2-Chlorophenol

Concen: 44.468 ng

RT: 7.59 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

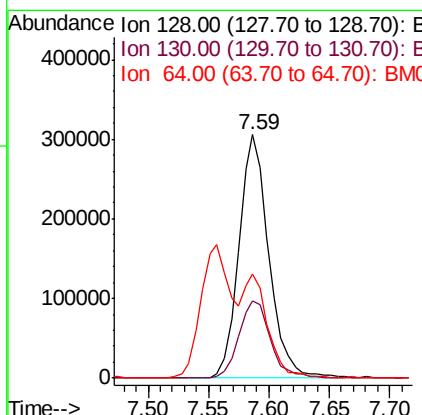
Tgt Ion: 128 Resp: 527133

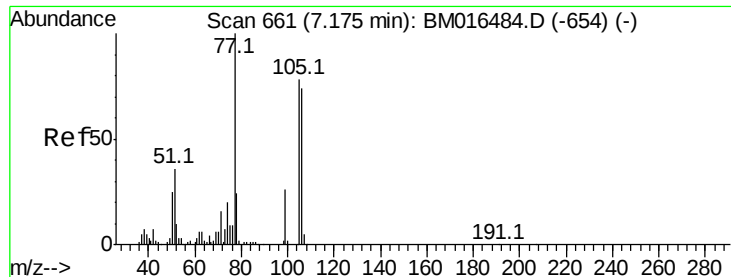
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 42.5 24.9 64.9





#9

Benzaldehyde

Concen: 11.690 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

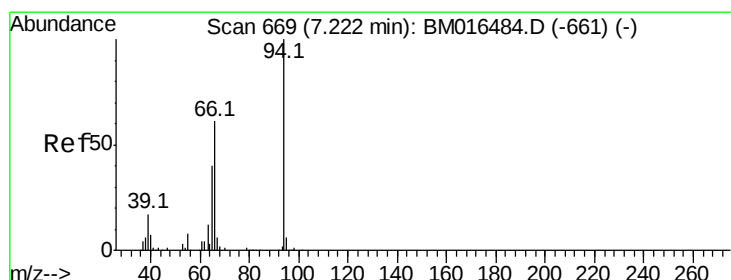
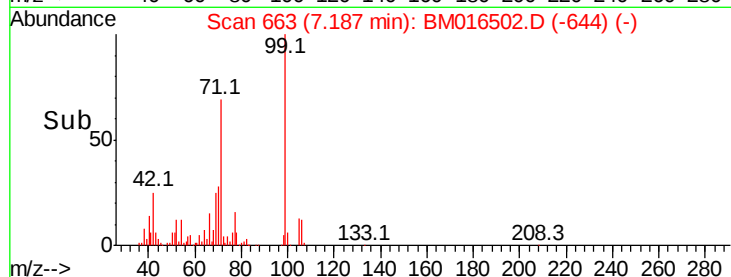
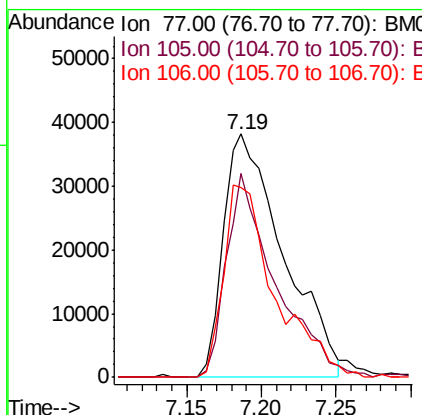
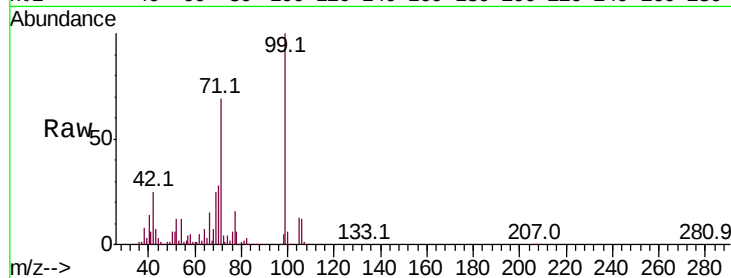
ClientSampleId :

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Tot Ion:	77	Resp:	106947
Ion	Ratio	Lower	Upper
77	100		
105	83.6	78.8	118.8
106	78.2	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 35.052 ng

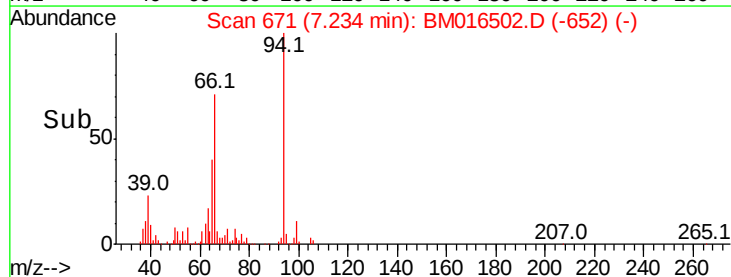
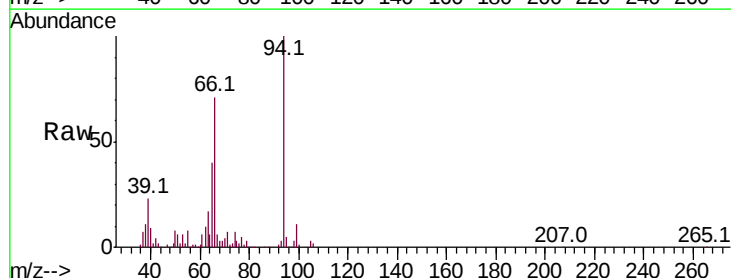
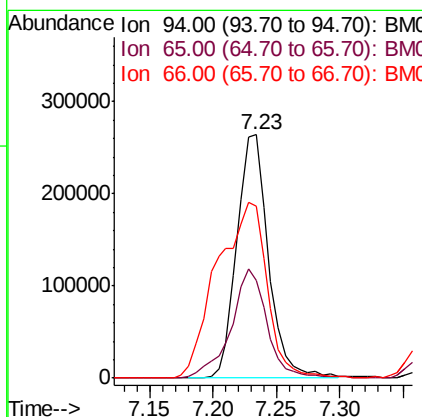
RT: 7.23 min Scan# 671

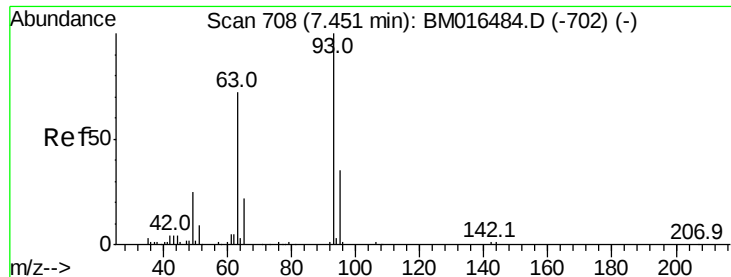
Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:	94	Resp:	456979
Ion	Ratio	Lower	Upper
94	100		
65	40.1	18.8	58.8
66	70.9	39.9	79.9





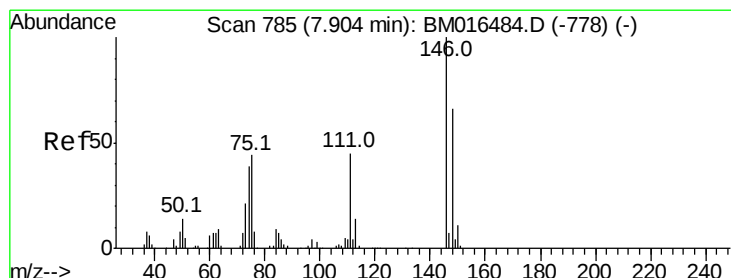
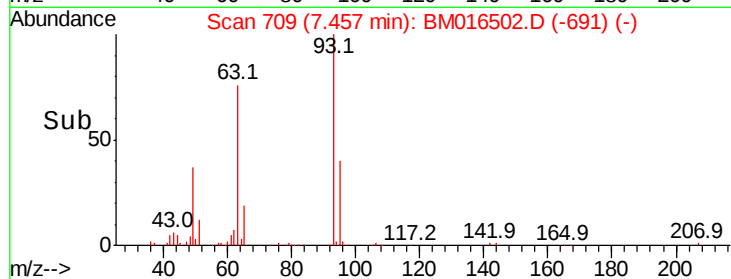
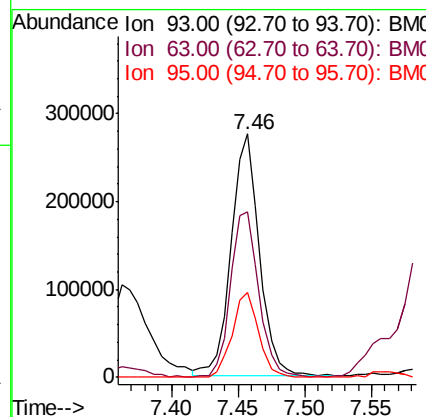
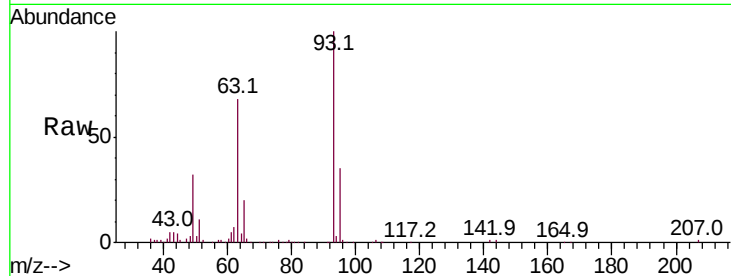
#11
bis(2-Chloroethyl)ether
Concen: 41.701 ng
RT: 7.46 min Scan# 709
Delta R.T. 0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	407673		
63	67.8		49.5	89.5
95	34.7		13.5	53.5

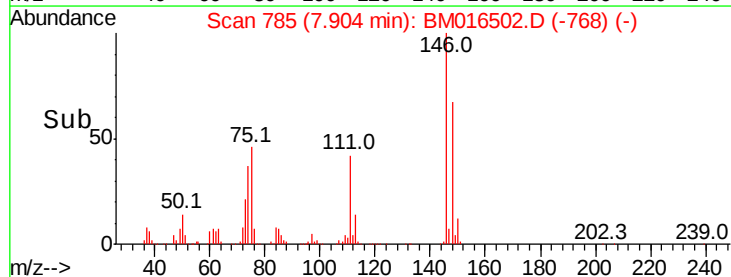
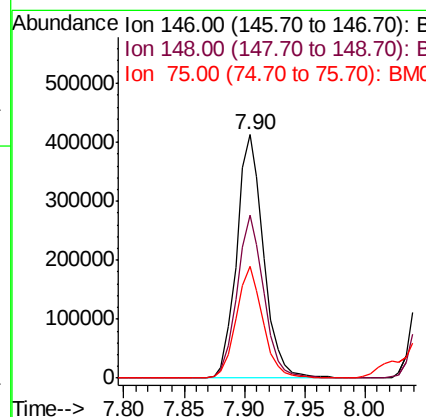
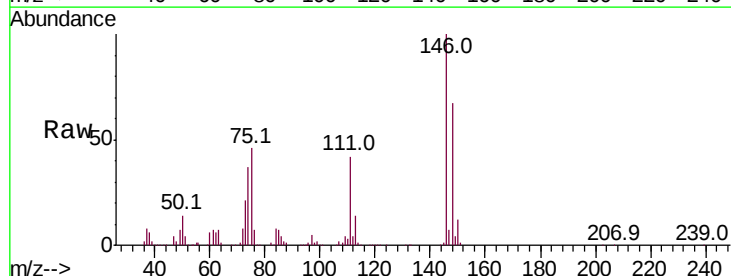
Manual Integrations
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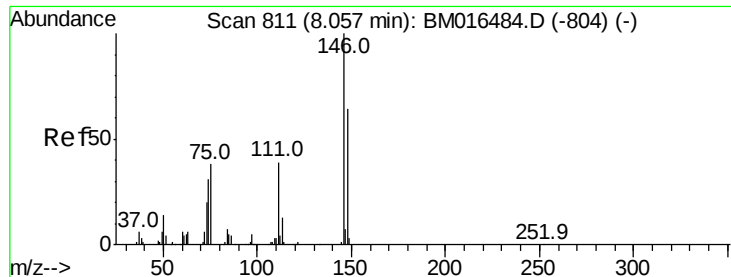
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.651 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	638892		
148	66.8		50.9	76.3
75	45.8		21.4	32.2#





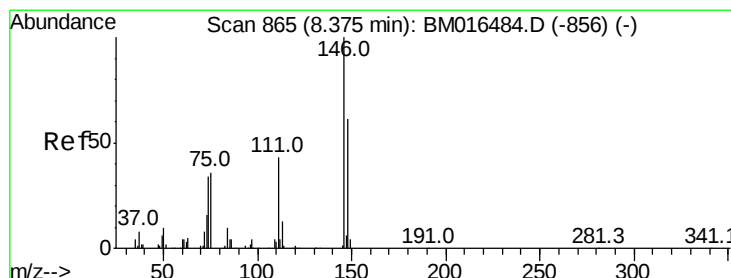
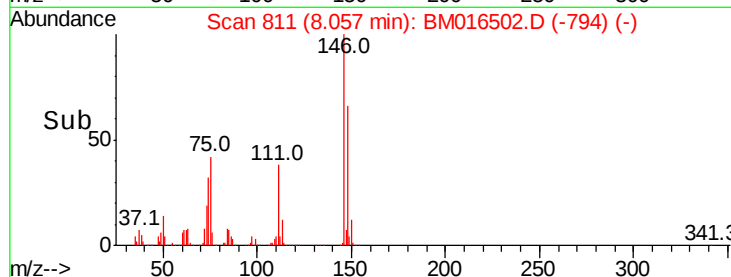
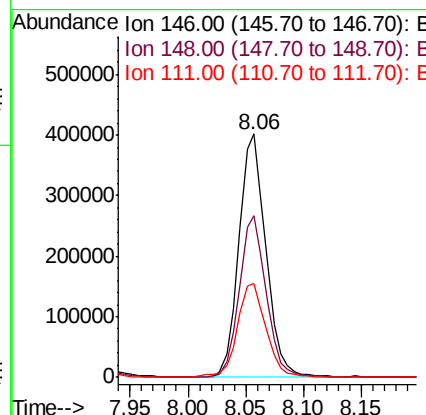
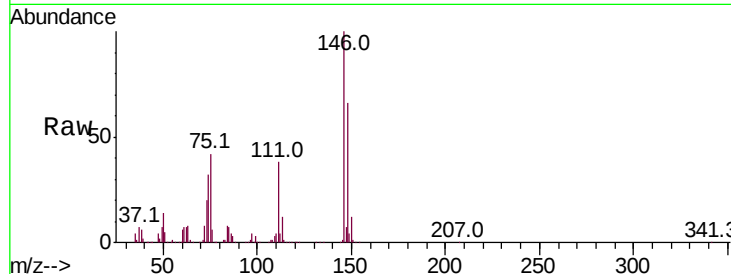
#13
 1,4-Dichlorobenzene
 Concen: 40.172 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	38.5	29.2	43.8

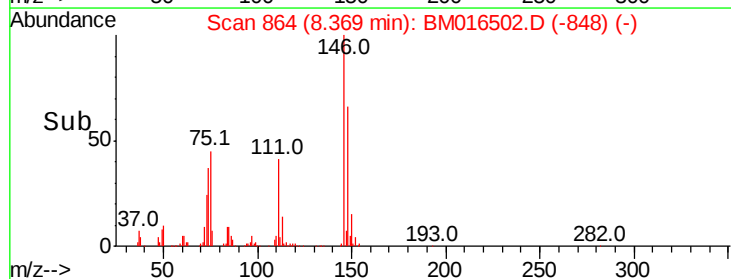
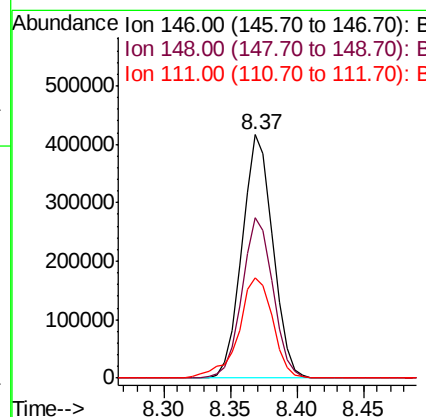
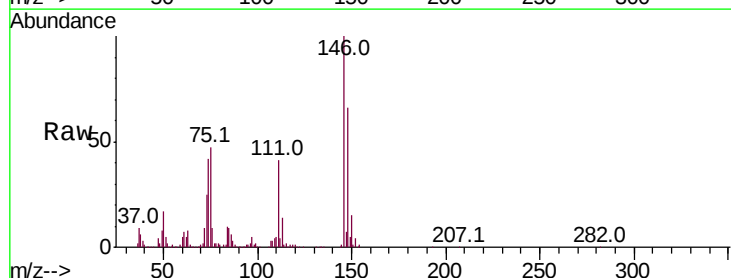
Manual Integrations
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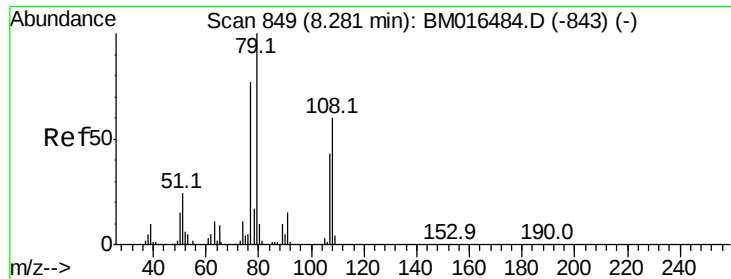
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.800 ng
 RT: 8.37 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
111	41.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 39.830 ng

RT: 8.29 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

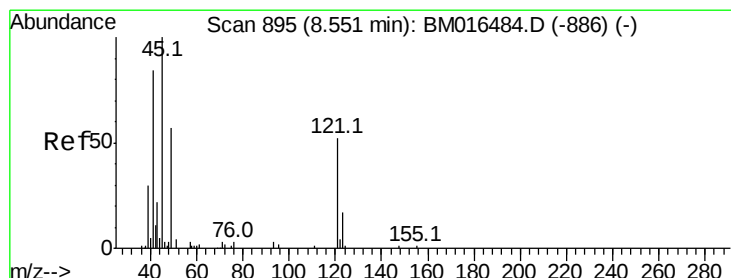
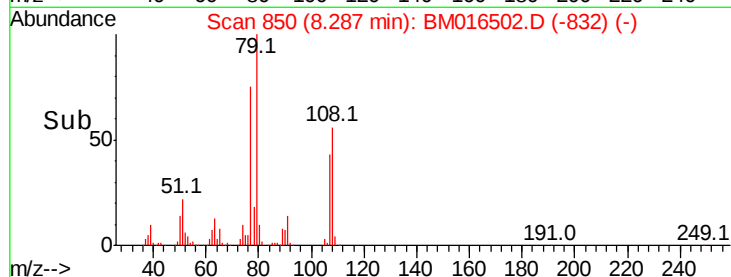
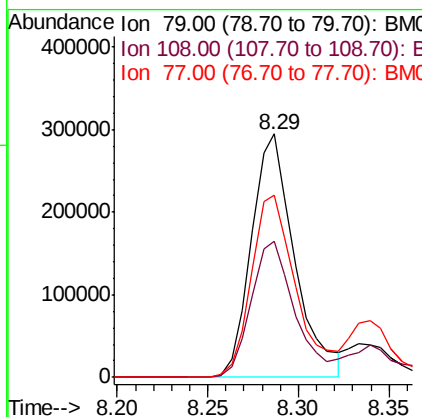
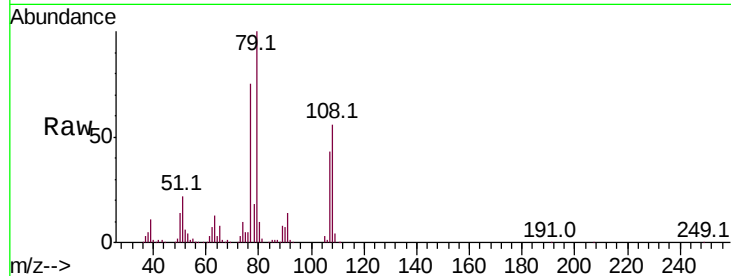
ClientSampleId :

MS-RO-27186MS

Tot Ion:	79	Resp:	487603
Ion Ratio	Lower	Upper	
79	100		
108	55.9	65.0	97.4#
77	74.7	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.216 ng

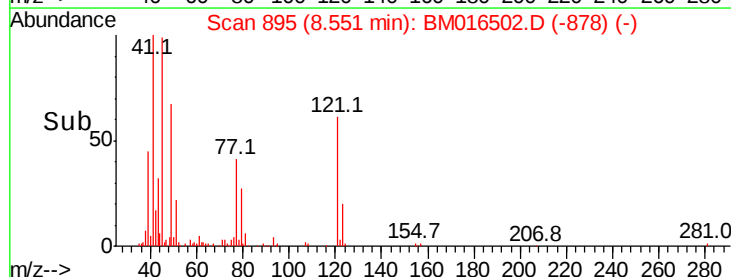
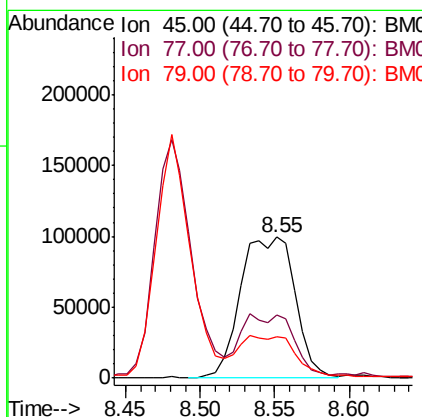
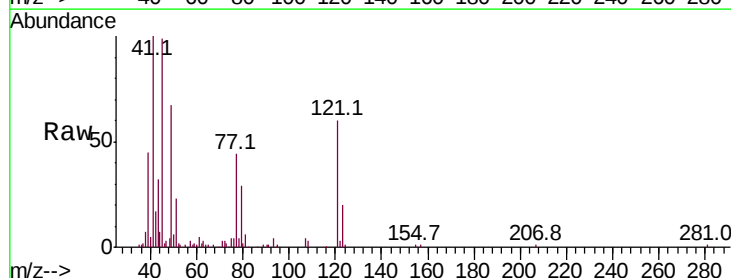
RT: 8.55 min Scan# 895

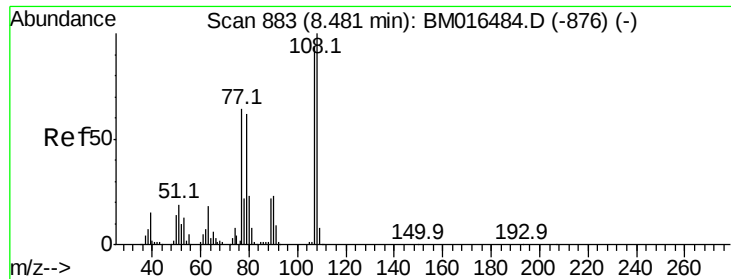
Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:	45	Resp:	250522
Ion Ratio	Lower	Upper	
45	100		
77	44.3	0.0	35.2#
79	29.4	0.0	32.0





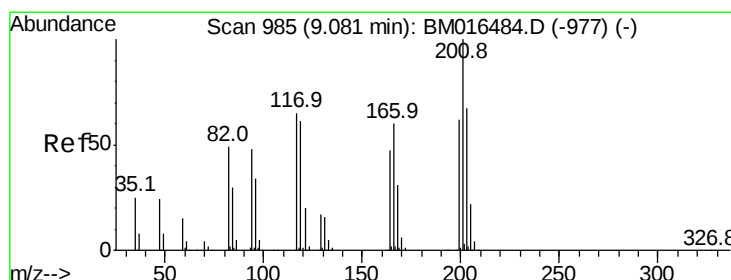
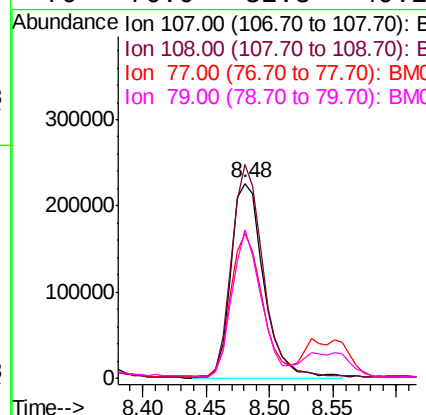
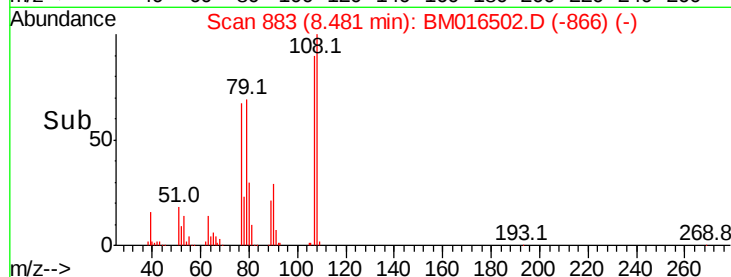
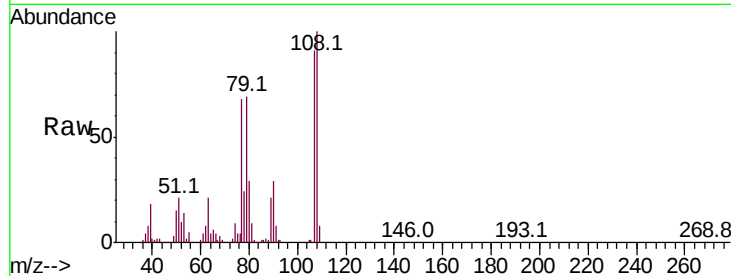
#17
2-Methylphenol
Concen: 42.516 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	89.8	134.8	
77	74.3	32.6	48.8#	
79	76.0	32.8	49.2#	

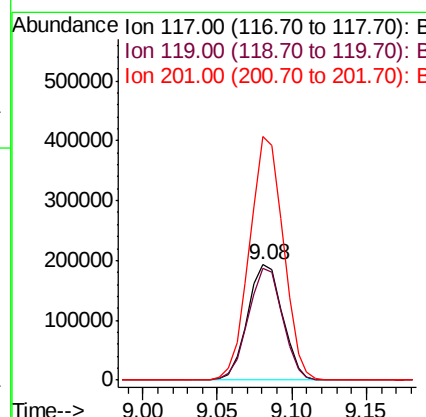
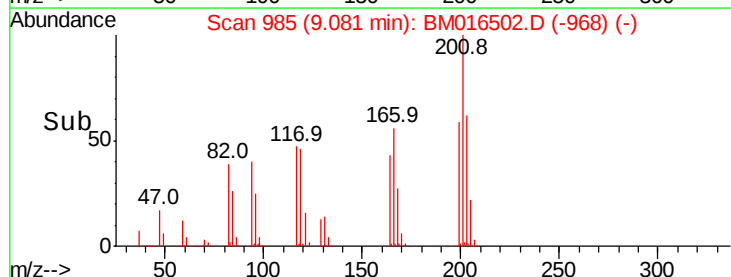
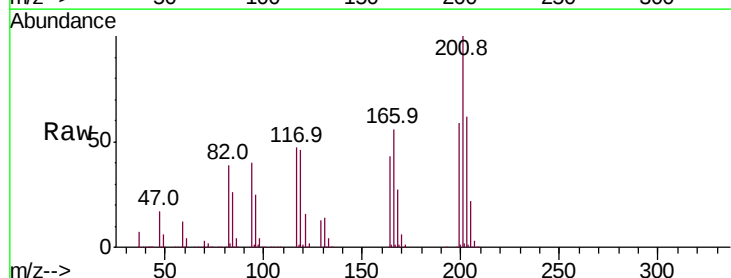
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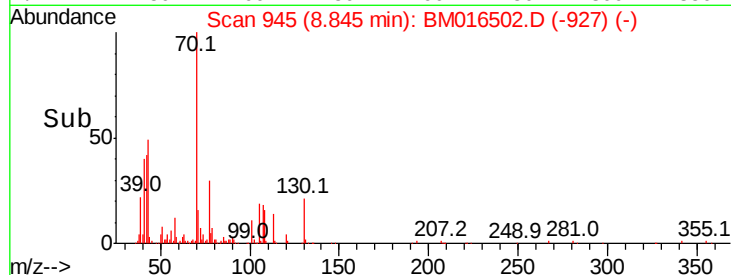
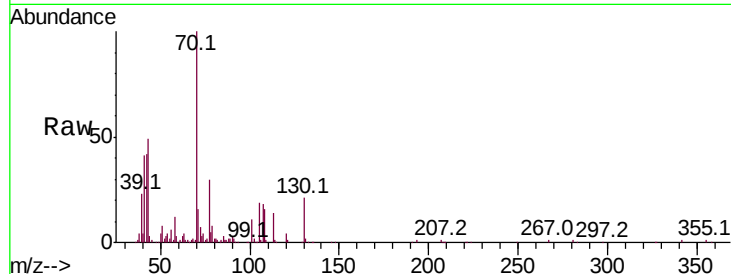
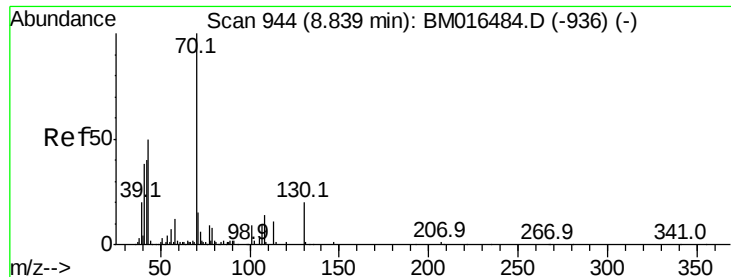
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#18
Hexachloroethane
Concen: 42.098 ng
RT: 9.08 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	79.2	118.8	
201	211.5	69.8	104.6#	





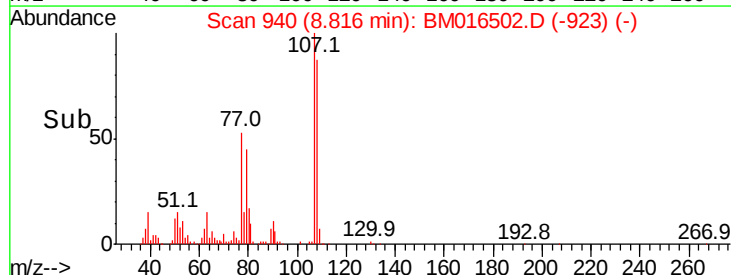
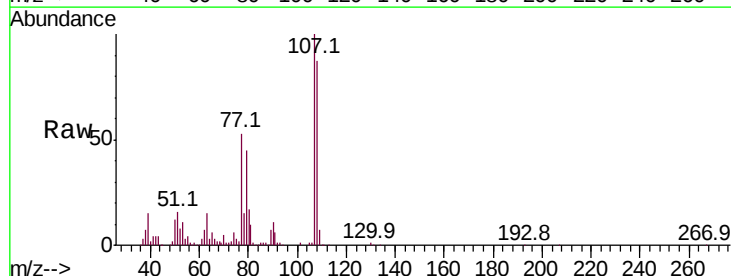
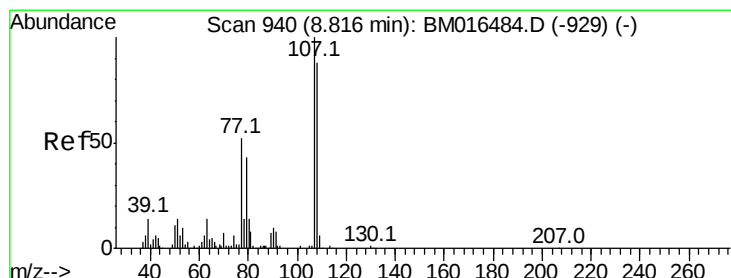
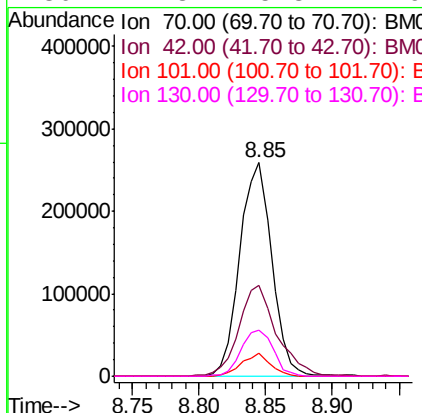
#19
n-Nitroso-di-n-propylamine
Concen: 41.584 ng
RT: 8.85 min Scan# 945
Delta R.T. 0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.4	44.5	66.7#
101	10.7	7.4	11.2
130	21.3	15.3	22.9

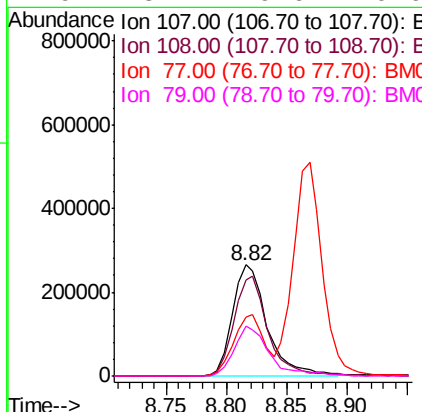
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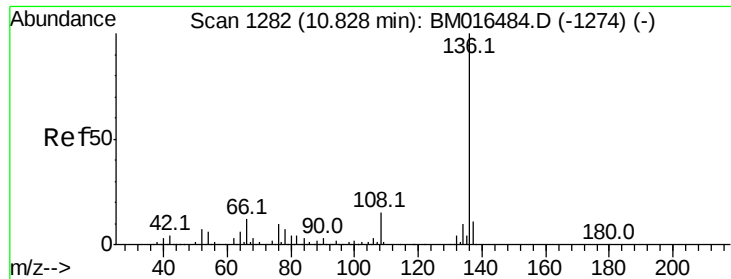
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#20
3+4-Methylphenols
Concen: 40.808 ng
RT: 8.82 min Scan# 940
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.2	113.2
77	53.4	10.7	50.7#
79	45.1	9.6	49.6





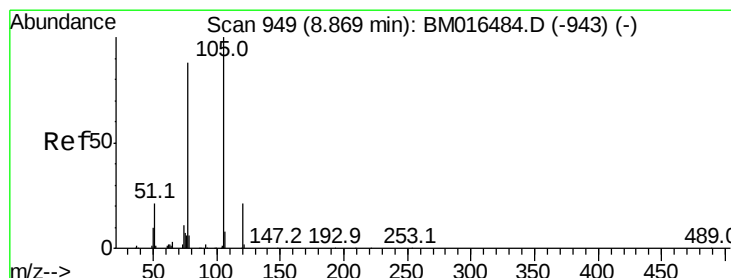
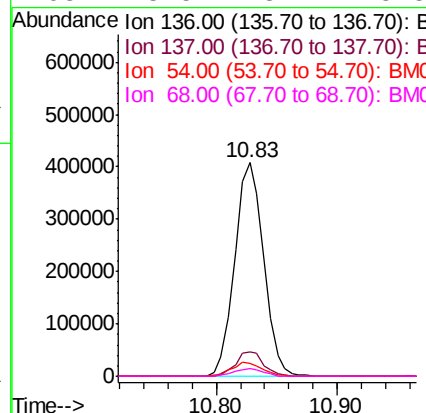
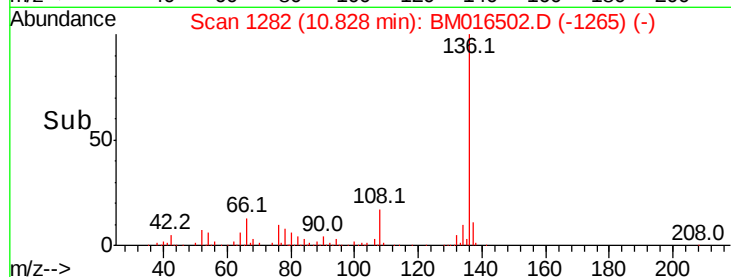
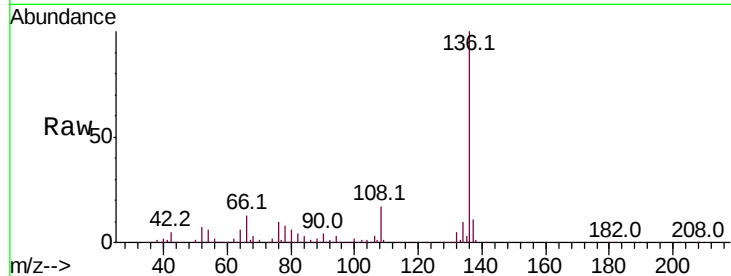
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	678834		
137	11.5	8.7	13.1	
54	6.1	4.6	6.8	
68	3.5	3.7	5.5	

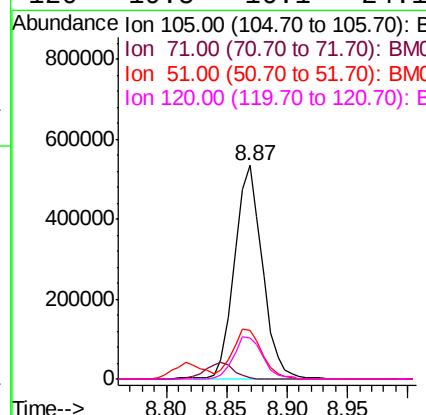
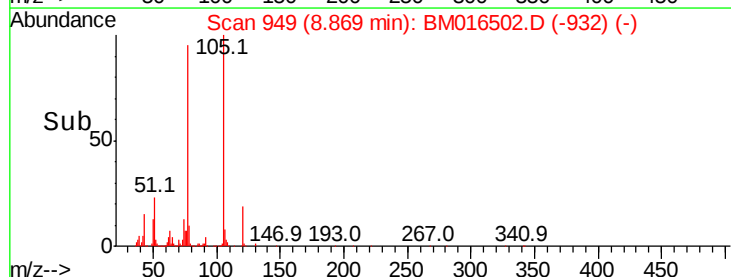
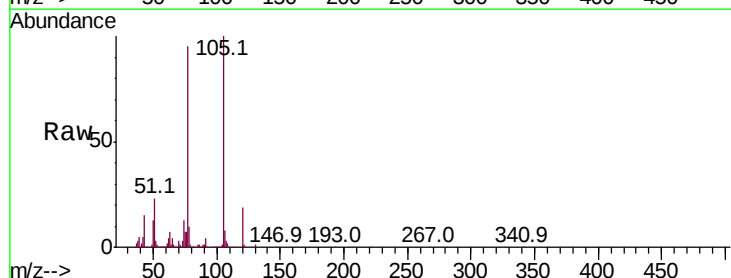
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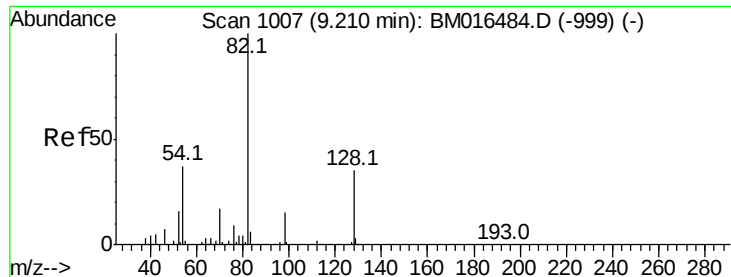
Sohil
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#22
Acetophenone
Concen: 52.221 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	853622		
71	0.5	0.6	1.0	
51	23.0	21.6	32.4	
120	19.5	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 52.221 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MS

Tot Ion: 82 Resp: 1729102

Ion Ratio Lower Upper

82 100

128 33.9 32.8 49.2

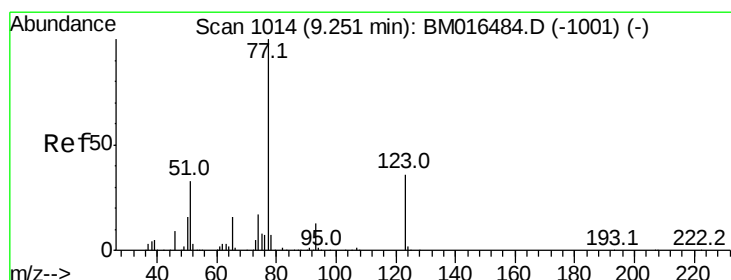
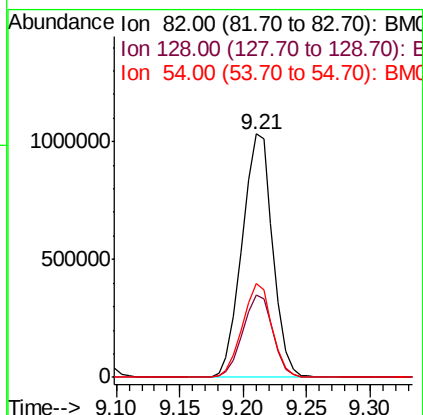
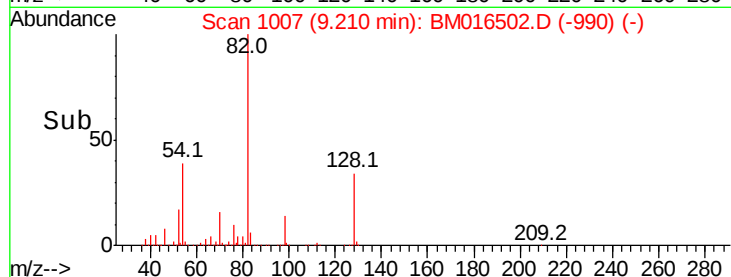
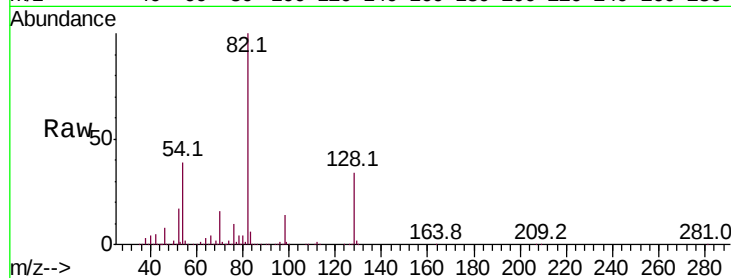
54 38.5 40.6 60.8#

Manual Integrations

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#24

Nitrobenzene

Concen: 48.800 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

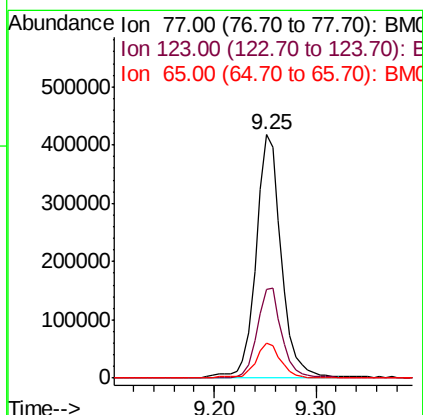
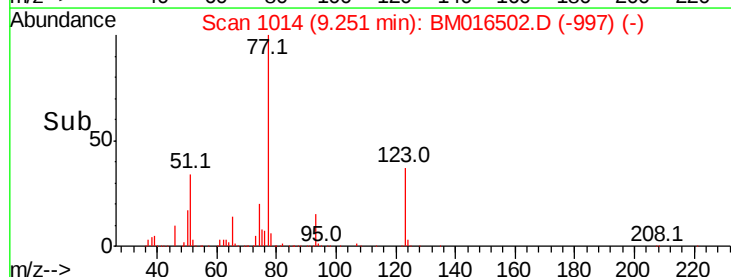
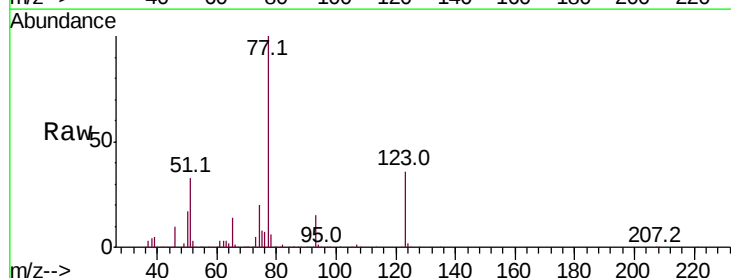
Tgt Ion: 77 Resp: 724919

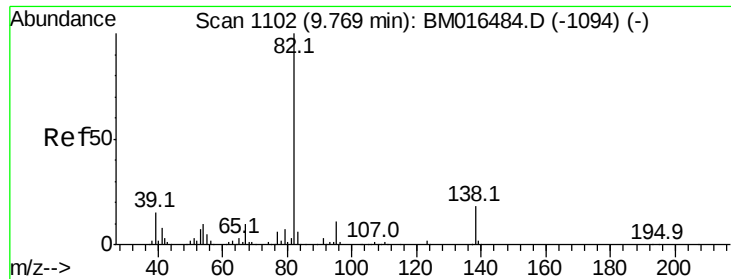
Ion Ratio Lower Upper

77 100

123 36.4 32.6 49.0

65 14.3 10.9 16.3





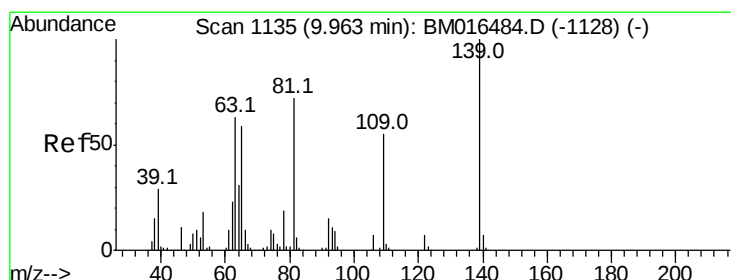
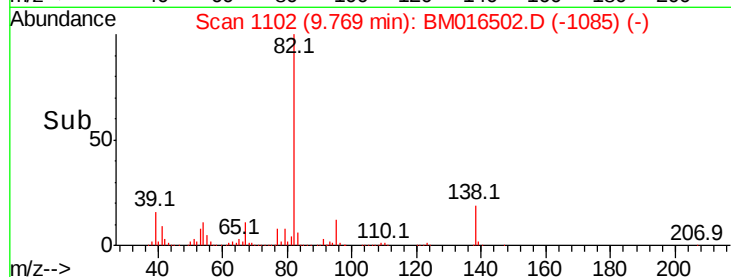
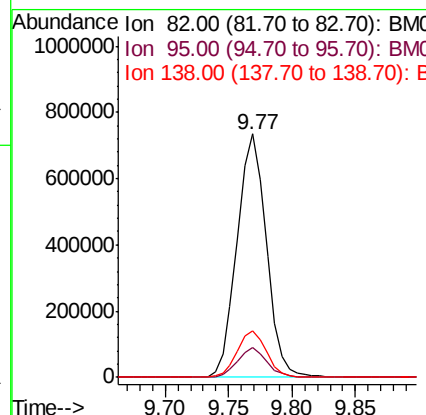
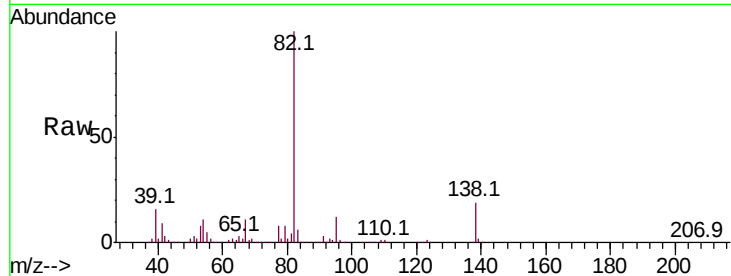
#25
Isophorone
Concen: 59.338 ng
RT: 9.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	12.2	5.8	8.6#
138	19.2	16.3	24.5

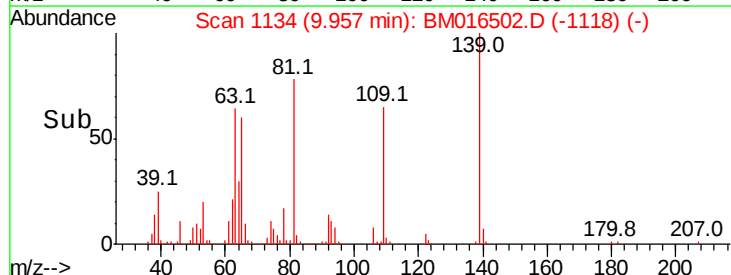
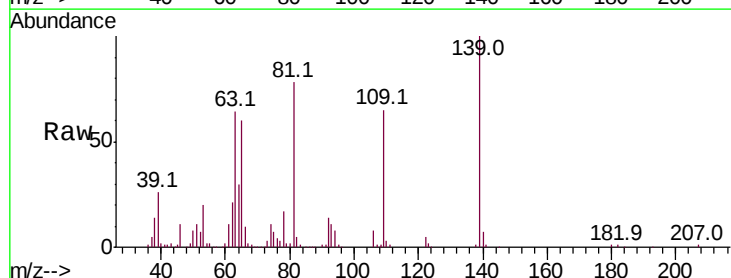
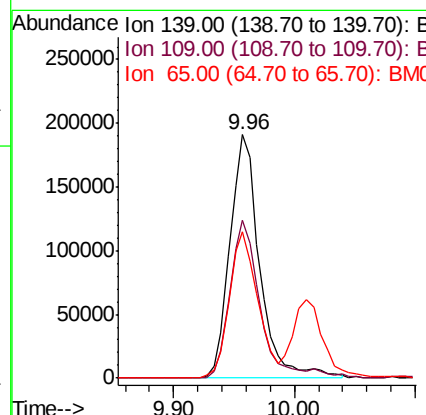
Manual Integrations
APPROVED

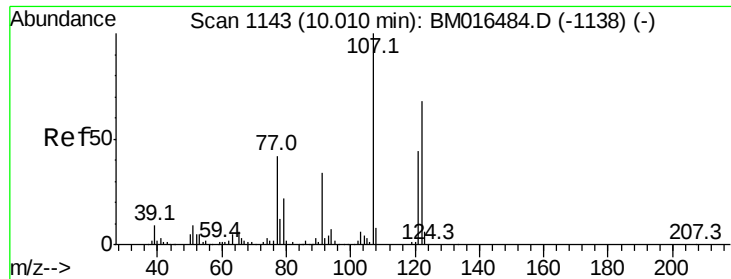
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#26
2-Nitrophenol
Concen: 51.680 ng
RT: 9.96 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	20.1	30.1#
65	59.9	31.5	47.3#





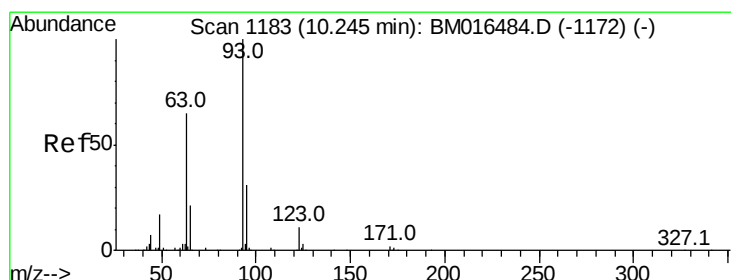
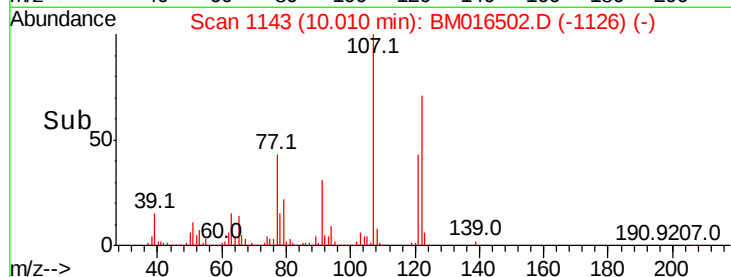
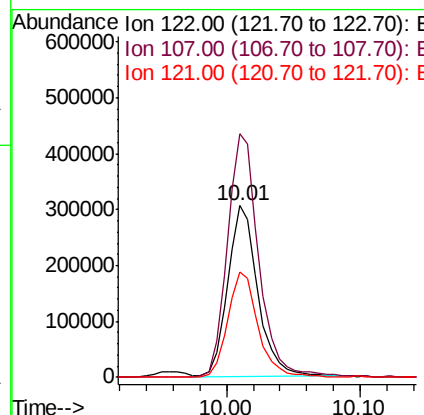
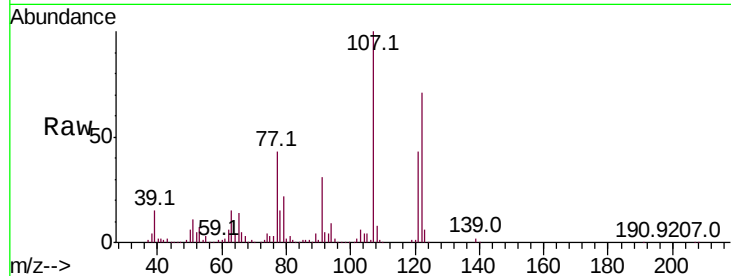
#27
2,4-Dimethylphenol
Concen: 58.577 ng
RT: 10.01 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	84.7	127.1#
121	61.2	46.6	69.8

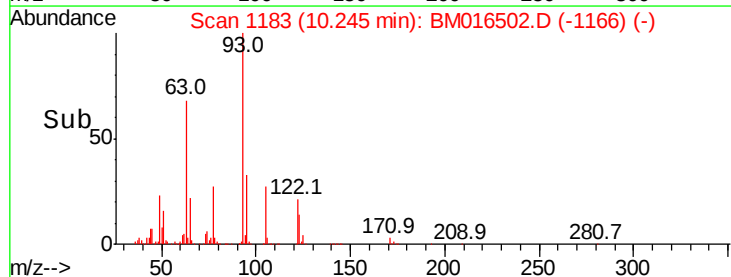
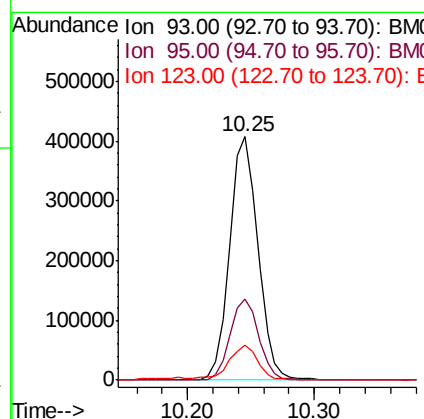
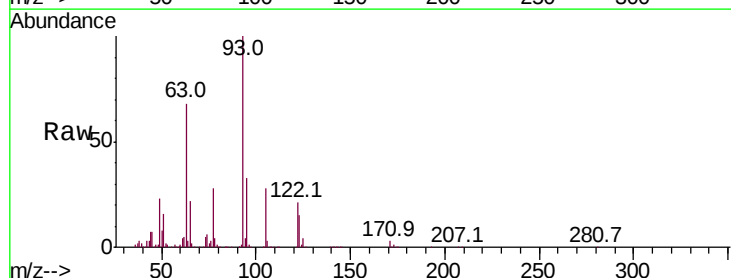
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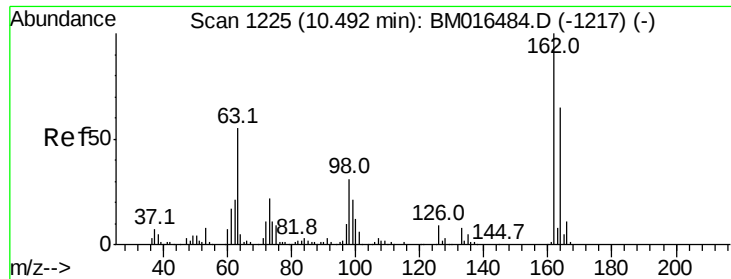
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#28
bis(2-Chloroethoxy)methane
Concen: 52.826 ng
RT: 10.25 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.5	38.3
123	14.6	8.6	13.0#





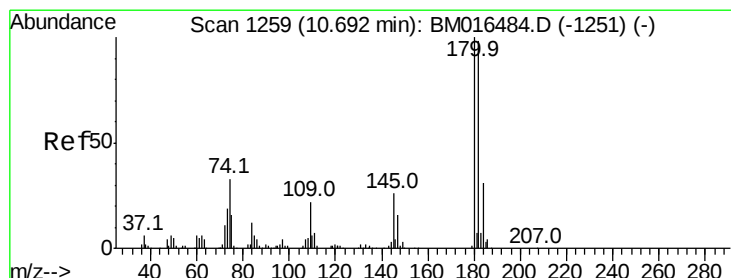
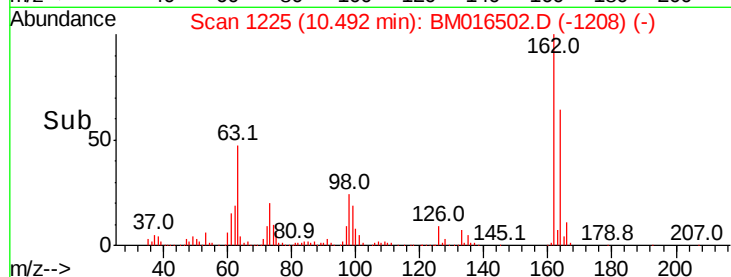
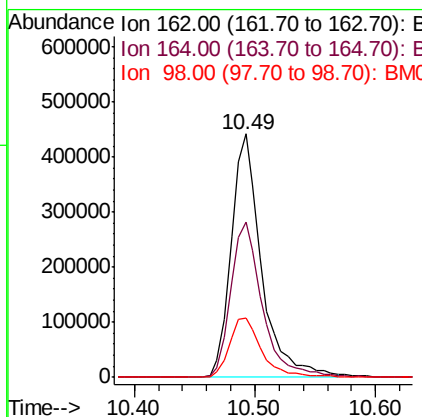
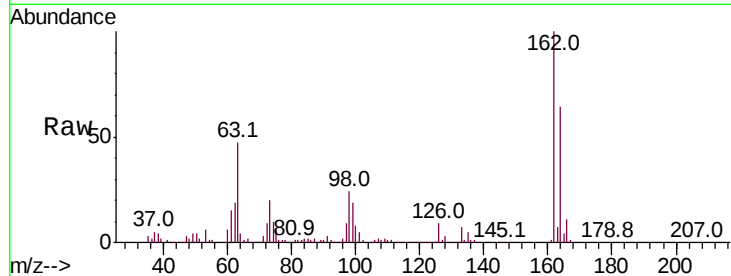
#29
 2,4-Dichlorophenol
 Concen: 61.954 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	767380		
164	63.9	42.8	82.8	
98	24.3	14.5	54.5	

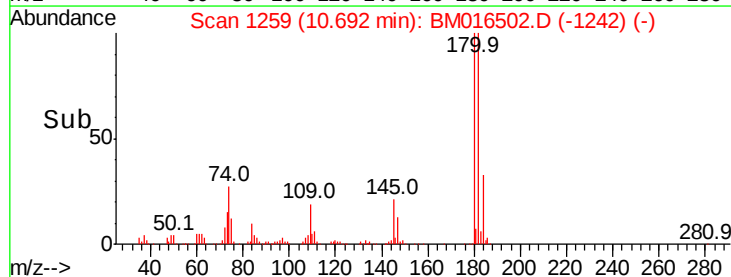
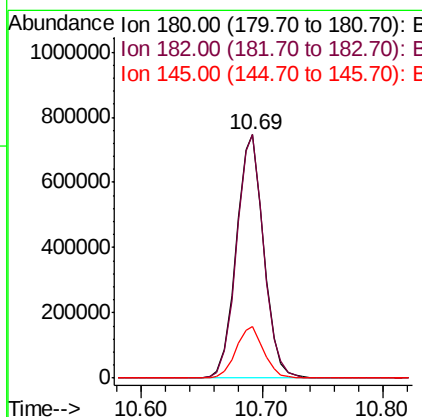
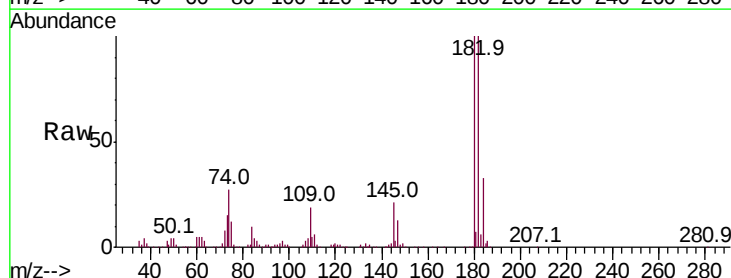
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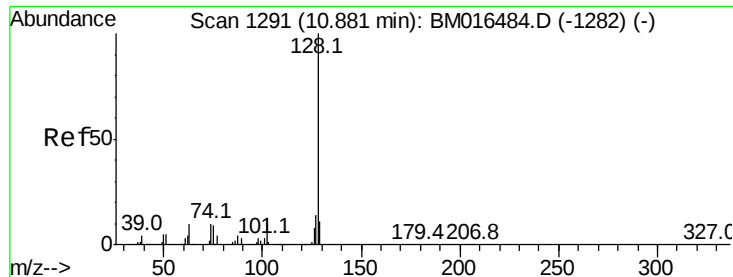
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#30
 1,2,4-Trichlorobenzene
 Concen: 62.683 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1178108		
182	100.0	77.6	116.4	
145	21.2	23.4	35.2#	





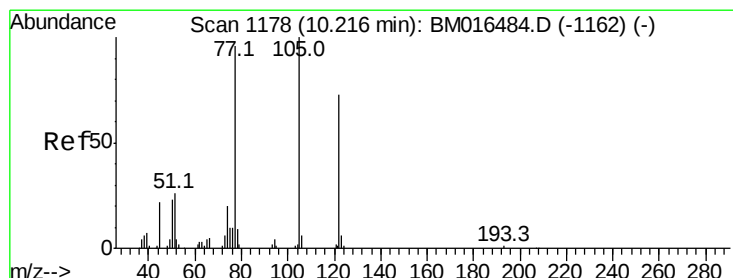
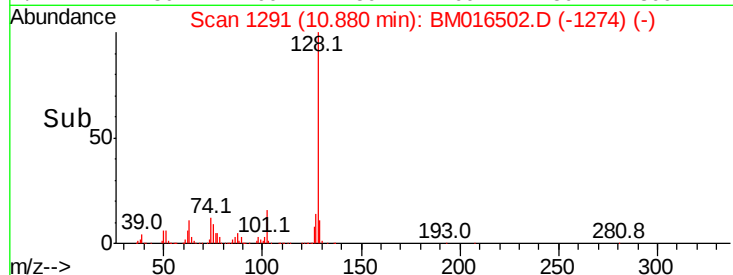
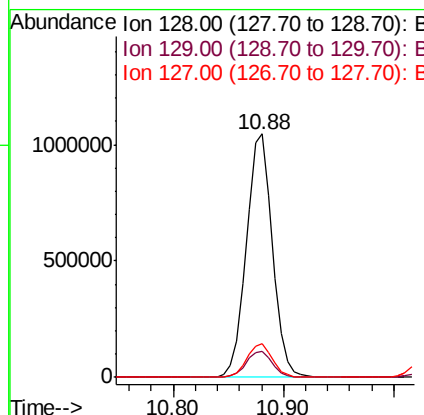
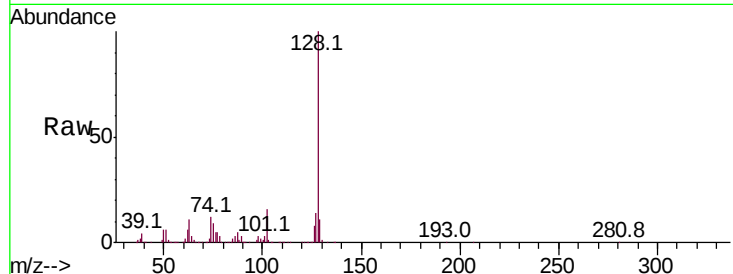
#31
Naphthalene
Concen: 53.736 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.8	10.4	15.6

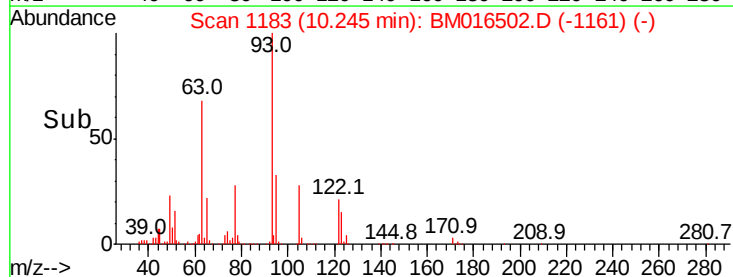
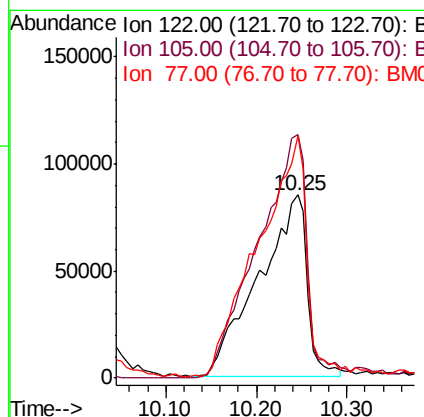
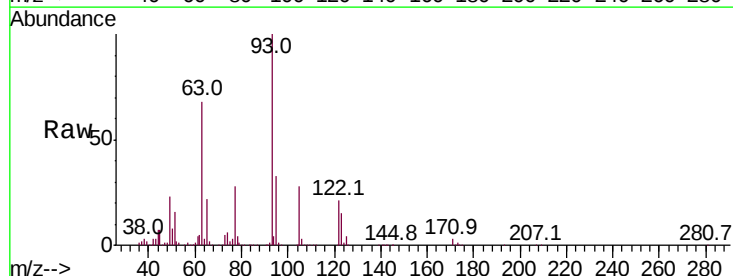
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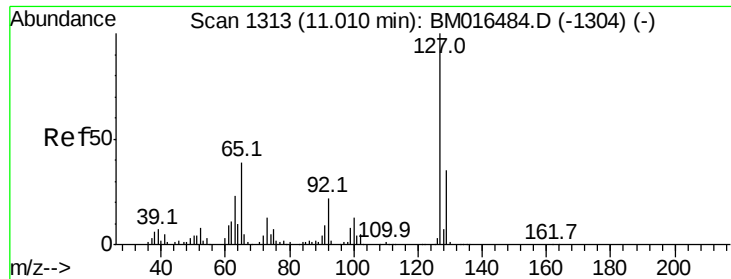
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#32
Benzoic acid
Concen: 45.000 ng
RT: 10.25 min Scan# 1183
Delta R.T. 0.03 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.8	99.9	139.9
77	131.9	73.7	113.7#





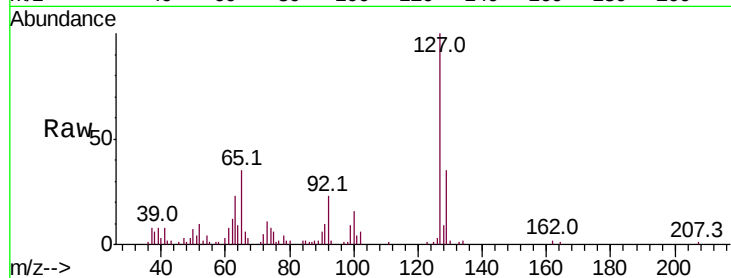
#33
4-Chloroaniline
Concen: 9.111 ng/mL
RT: 11.03 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.3	37.9
65	35.3	17.6	26.4
92	22.6	13.1	19.7

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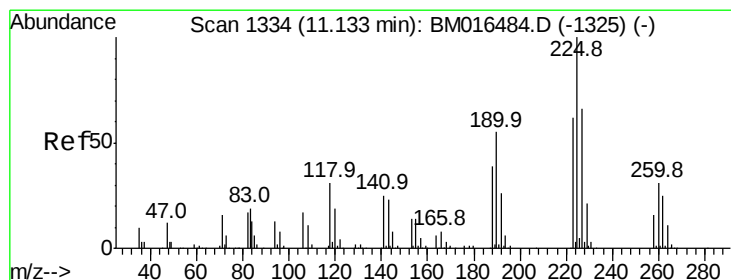
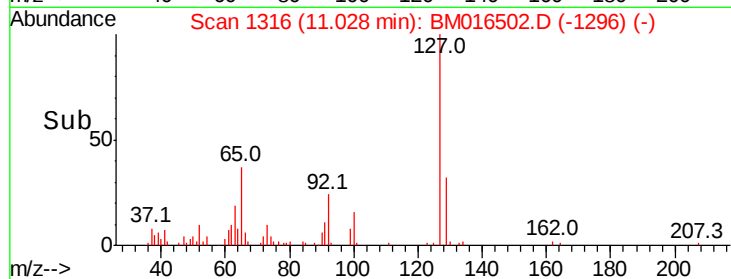
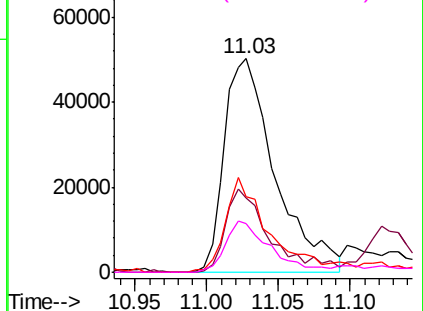
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

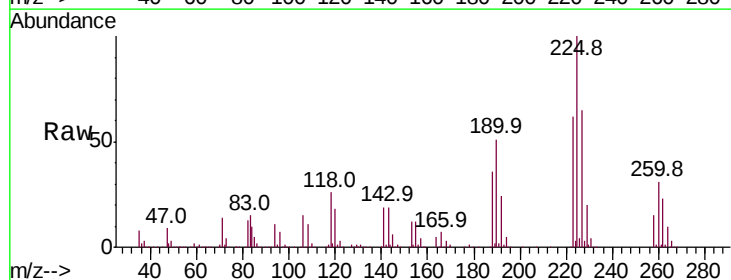
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 60.338 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	47.9	71.9
227	65.0	50.1	75.1

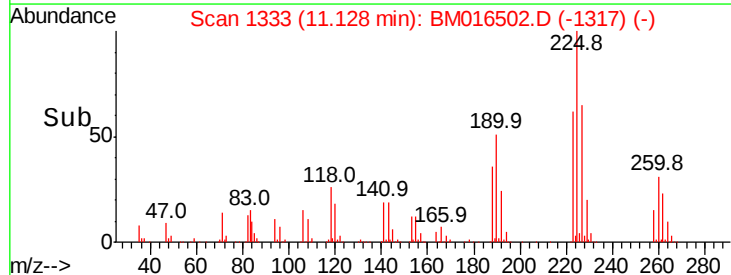
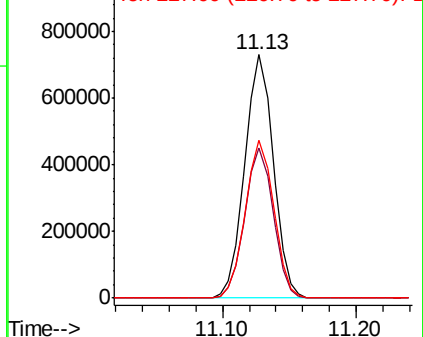


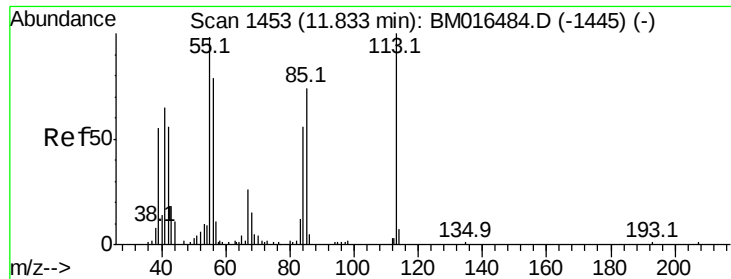
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.073 ng/mL

RT: 11.85 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MS

Tot Ion:113 Resp: 101269

Ion Ratio Lower Upper

113 100

55 105.6 145.9 185.9#

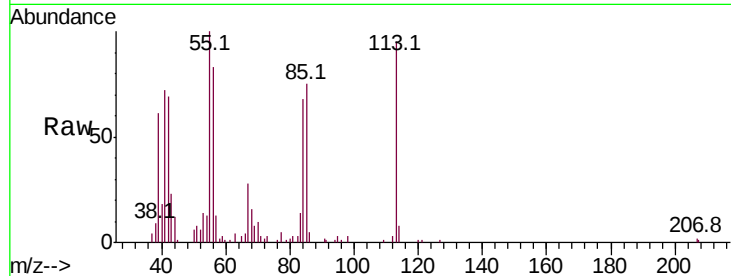
56 87.4 101.0 141.0#

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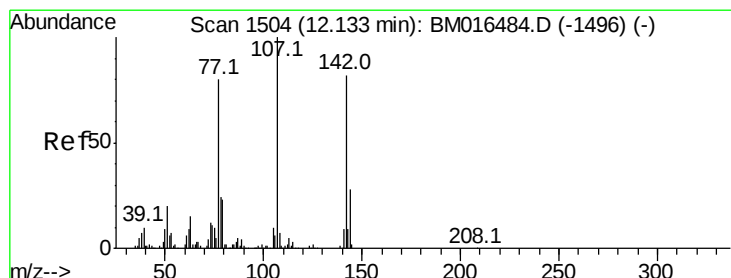
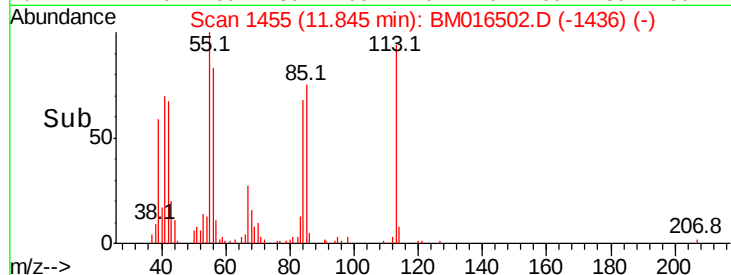
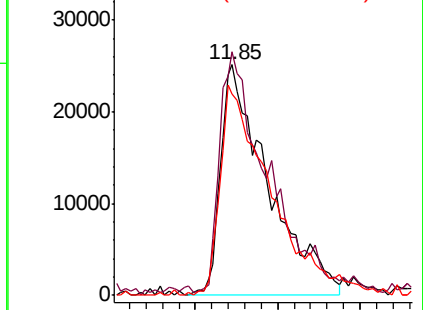
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 52.127 ng/mL

RT: 12.14 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

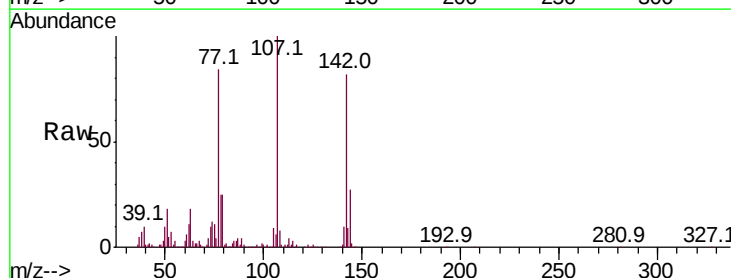
Tgt Ion:107 Resp: 620715

Ion Ratio Lower Upper

107 100

144 27.4 23.3 34.9

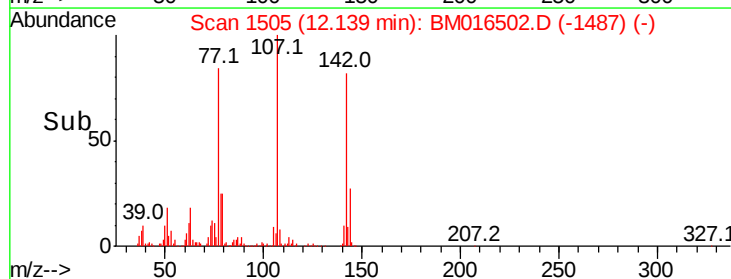
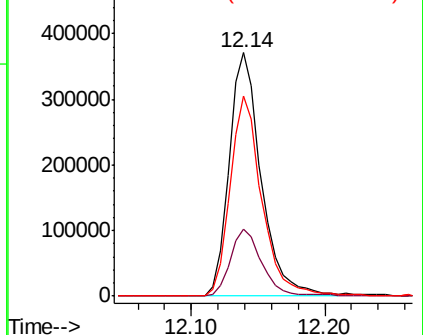
142 82.4 72.6 109.0

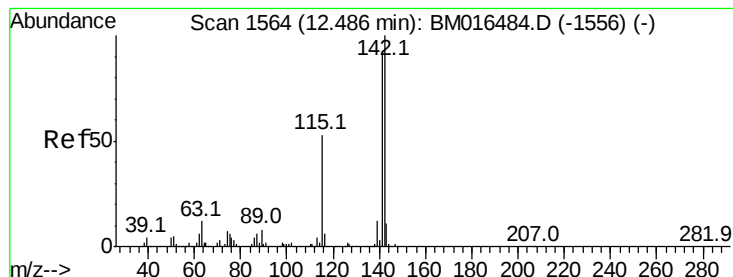


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





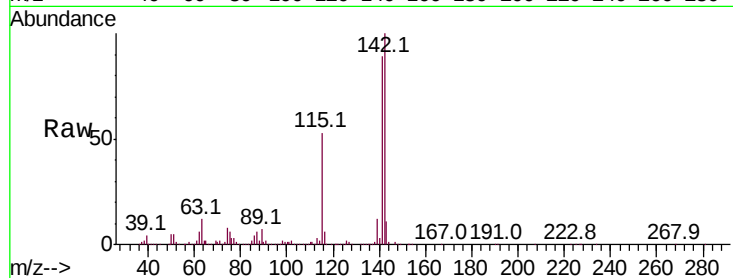
#37
2-Methylnaphthalene
Concen: 63.377 ng
RT: 12.49 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	52.9	25.4	38.0

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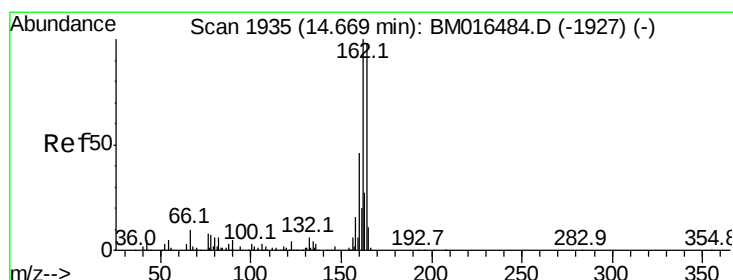
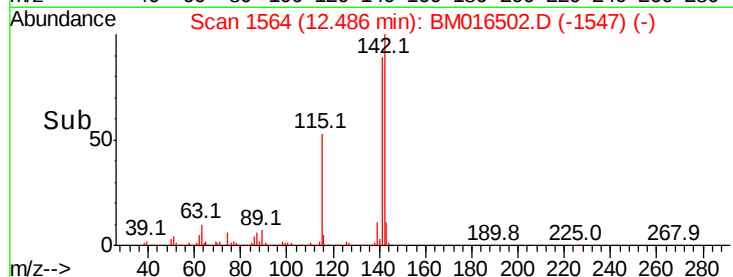
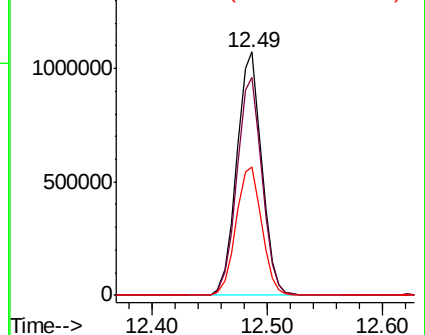


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

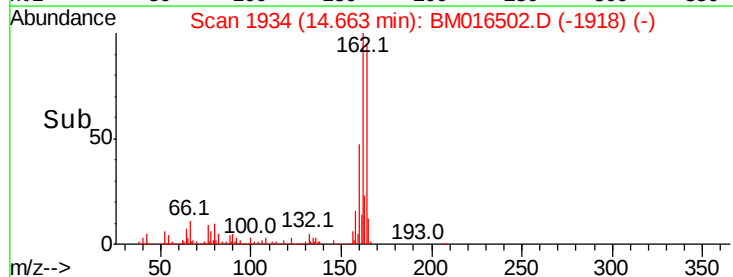
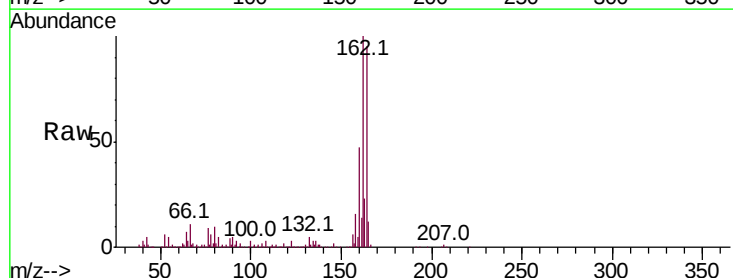
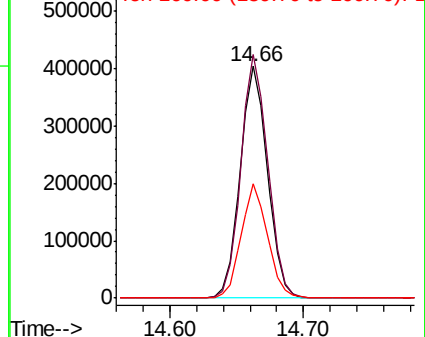
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	49.1	35.8	53.6

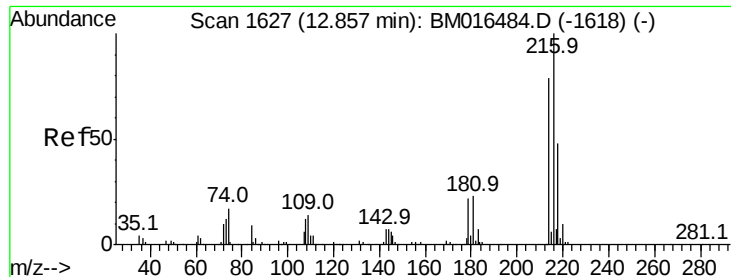
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





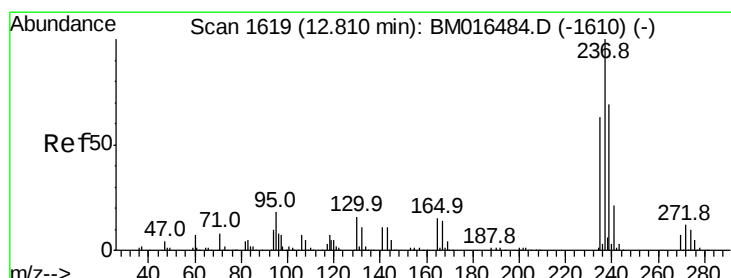
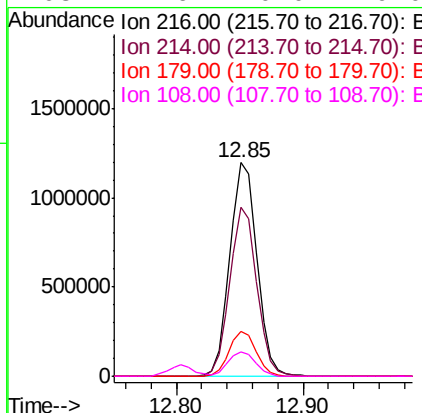
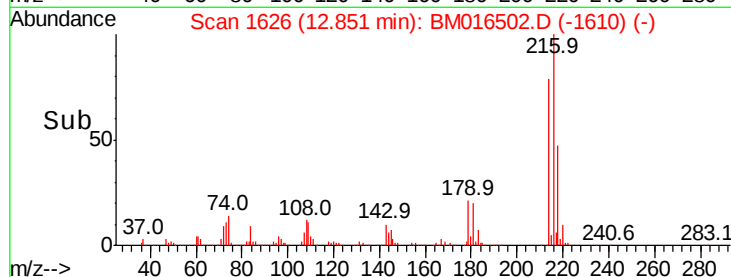
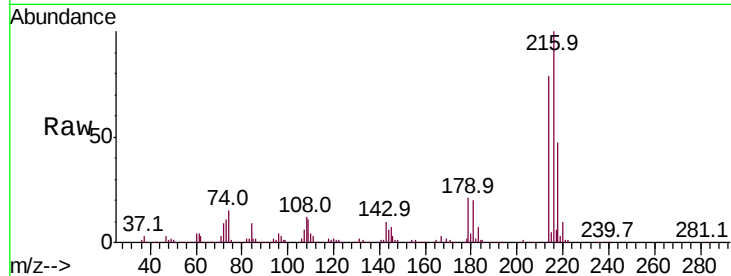
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.835 ng
 RT: 12.85 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	20.9	0.0	0.0#
108	11.6	0.0	0.0#

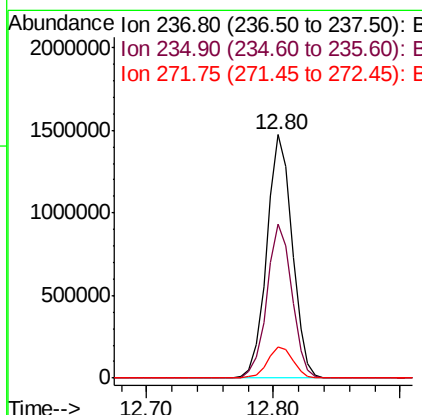
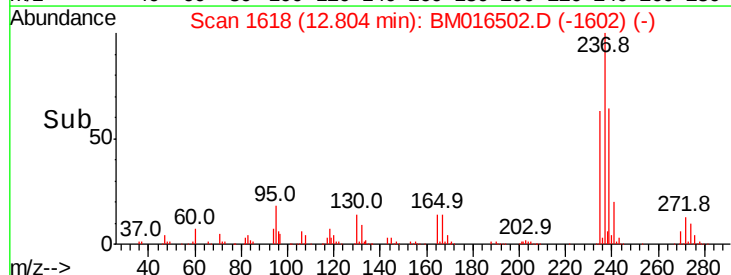
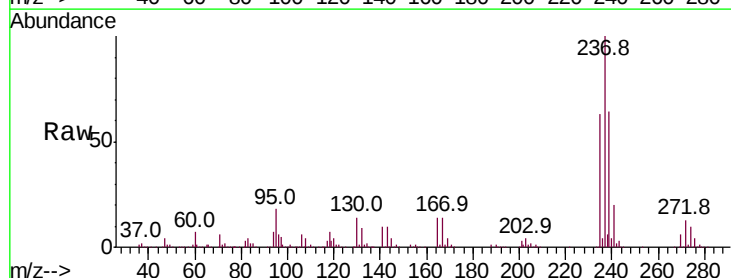
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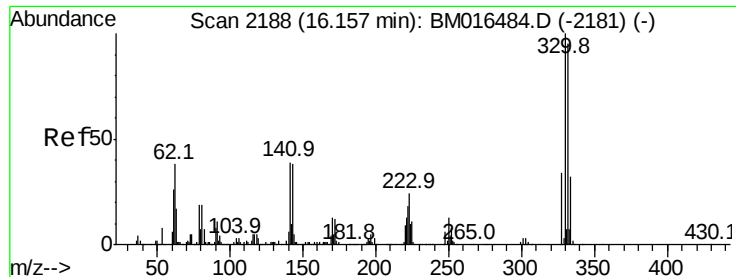
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#40
 Hexachlorocyclopentadiene
 Concen: 118.177 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	12.6	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 118.177 ng

RT: 16.16 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MS

Tot Ion:330 Resp: 3295288

Ion Ratio Lower Upper

330 100

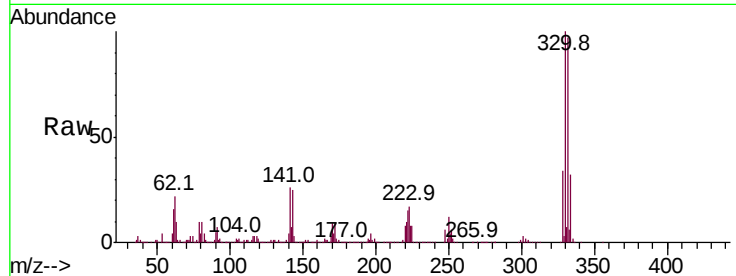
332 97.1 0.0 0.0#

141 30.4 0.0 0.0#

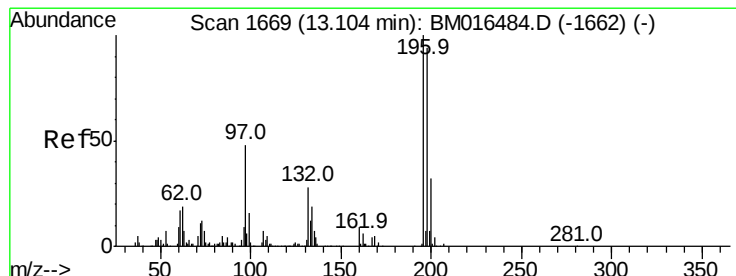
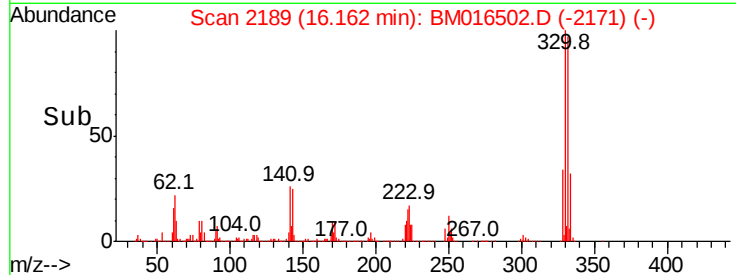
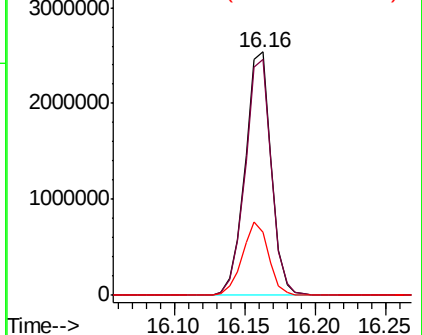
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 56.322 ng

RT: 13.10 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

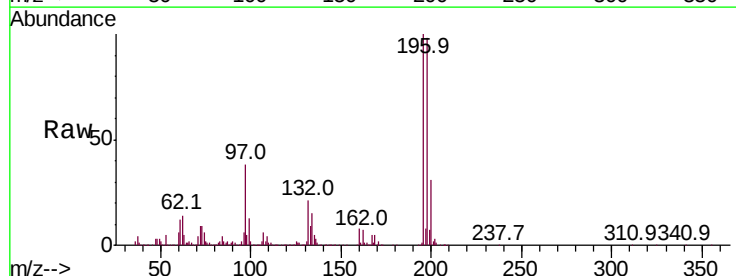
Tgt Ion:196 Resp: 1086530

Ion Ratio Lower Upper

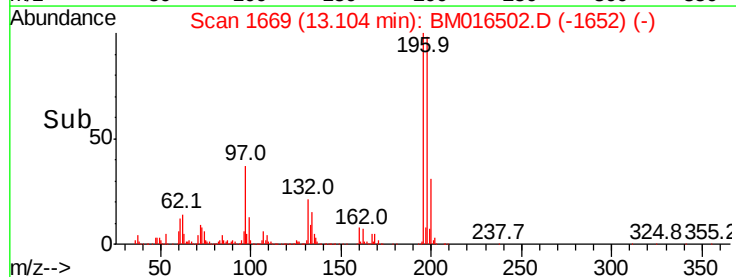
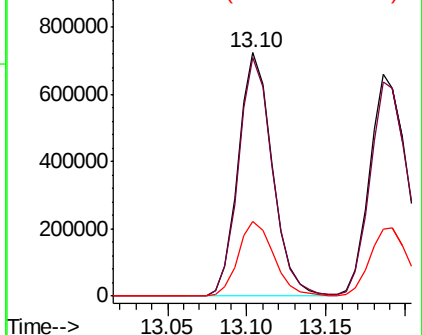
196 100

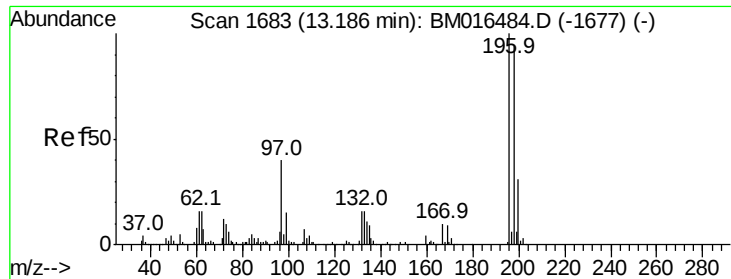
198 98.1 76.3 114.5

200 30.8 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





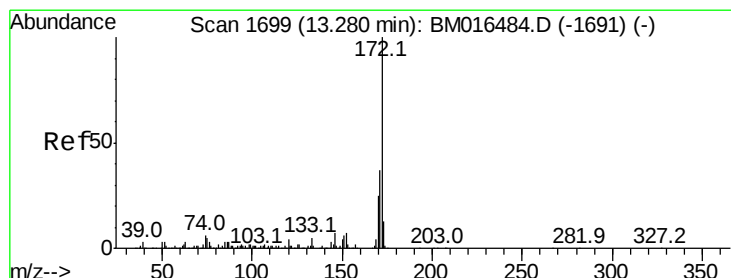
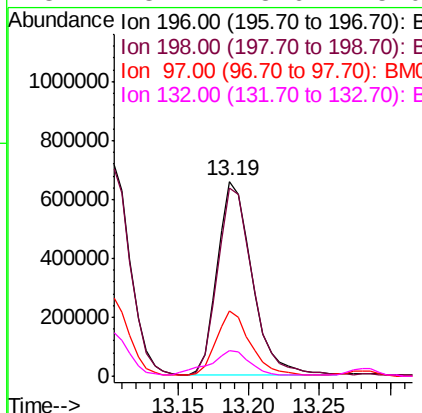
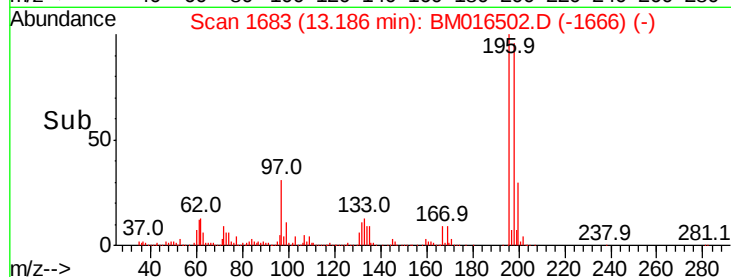
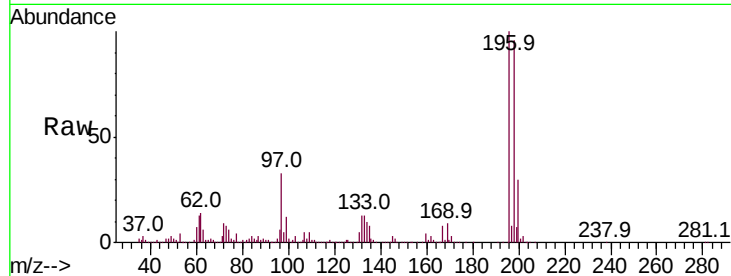
#43
 2,4,5-Trichlorophenol
 Concen: 59.667 ng m
 RT: 13.19 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.4	119.0
97	33.3	26.8	40.2
132	13.1	18.6	28.0

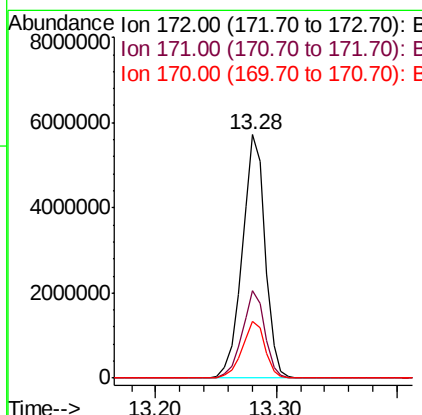
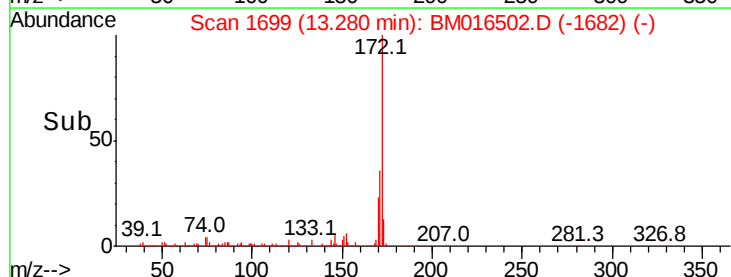
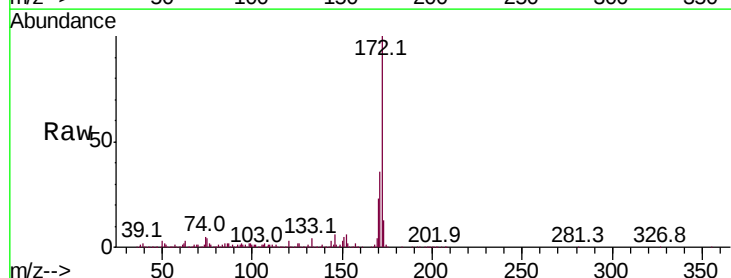
Manual Integrations
 APPROVED

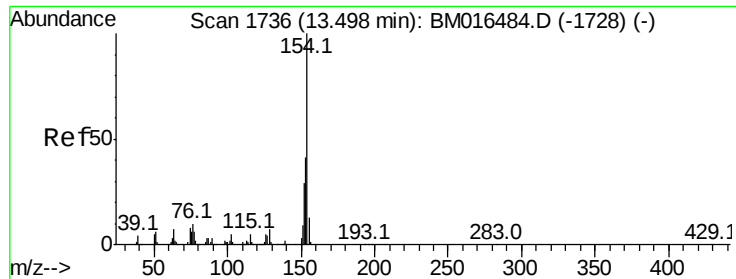
Sohil
 8/22/2018 6:07:03 PM



#44
 2-Fluorobiphenyl
 Concen: 59.667 ng
 RT: 13.28 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.1	18.8	28.2





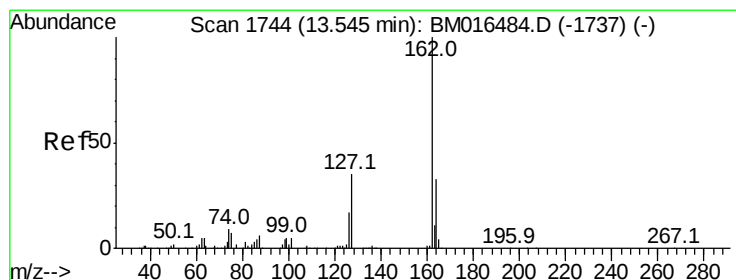
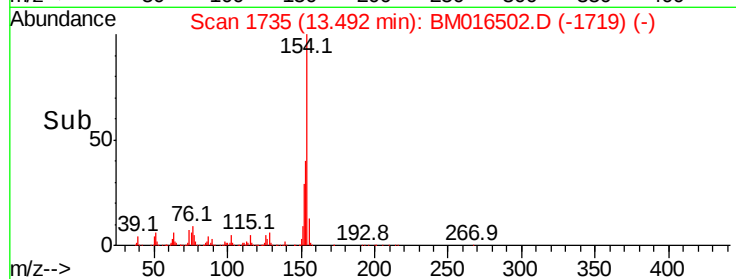
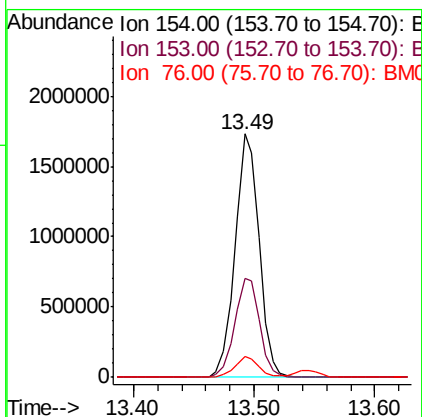
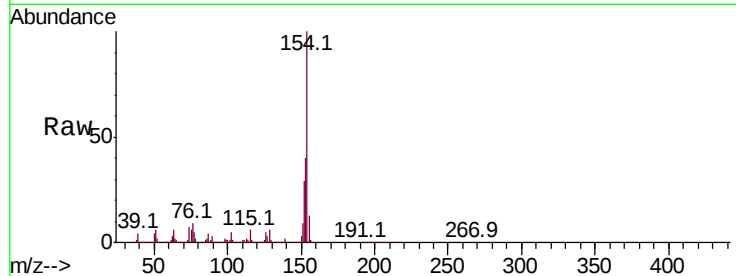
#45
 1,1'-Biphenyl
 Concen: 48.038 ng
 RT: 13.49 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	8.7	0.0	30.9

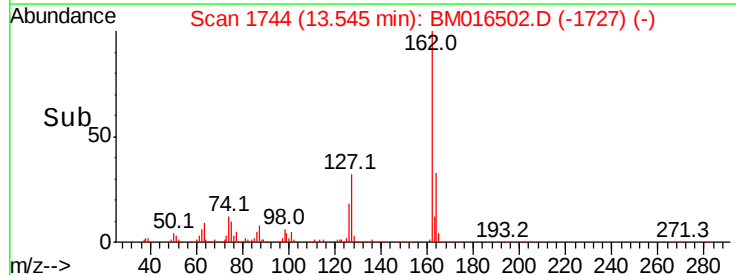
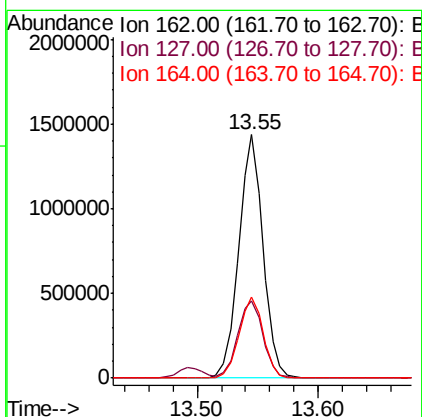
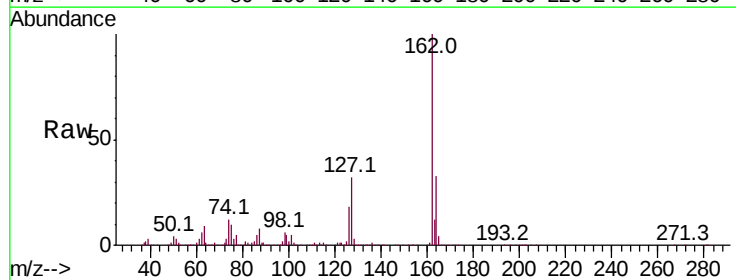
Manual Integrations
 APPROVED

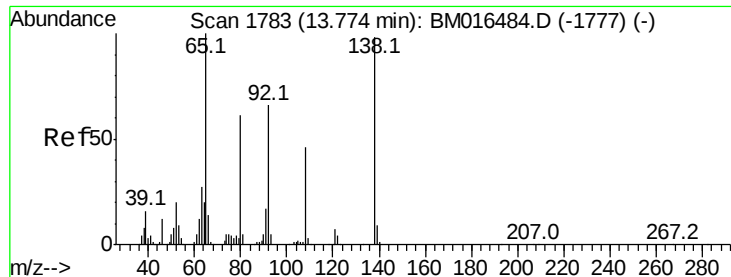
Sohil
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#46
 2-Chloronaphthalene
 Concen: 49.334 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	31.8	26.9	40.3
164	33.4	26.8	40.2





#47

2-Nitroaniline

Concen: 40.996 ng

RT: 13.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

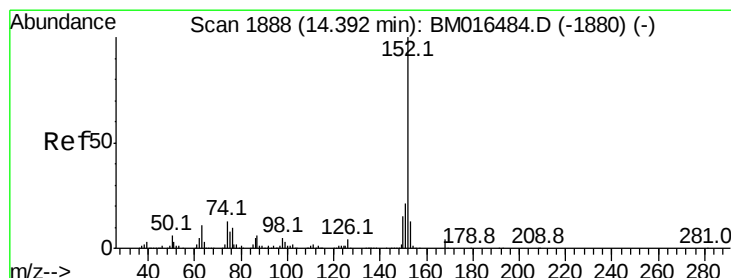
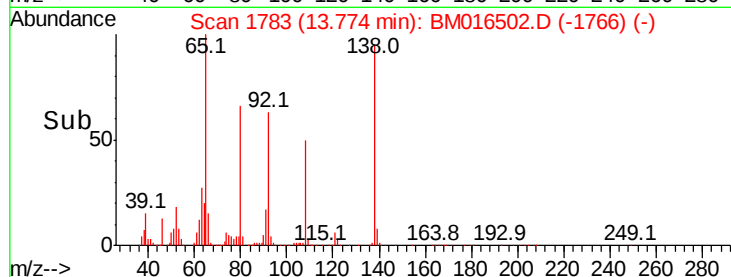
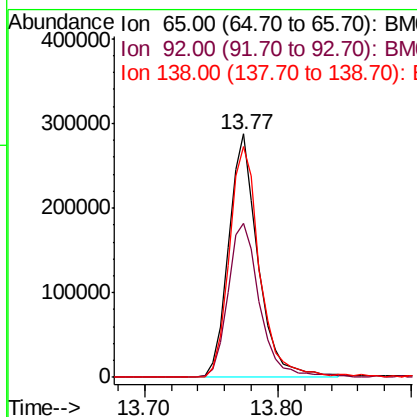
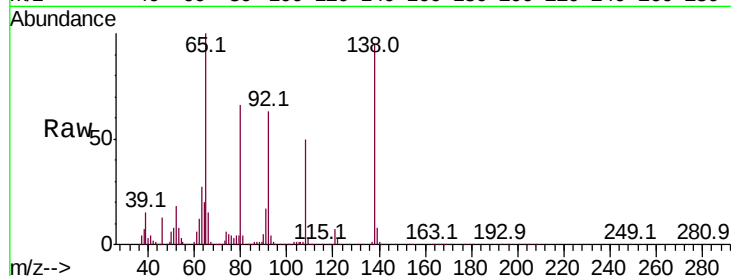
ClientSampleId :

MS-RO-27186MS

Tot Ion:	65	Resp:	444335
Ion Ratio	Lower	Upper	
65	100		
92	63.1	59.1	88.7
138	94.8	93.9	140.9

Manual Integrations
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#48

Acenaphthylene

Concen: 52.418 ng

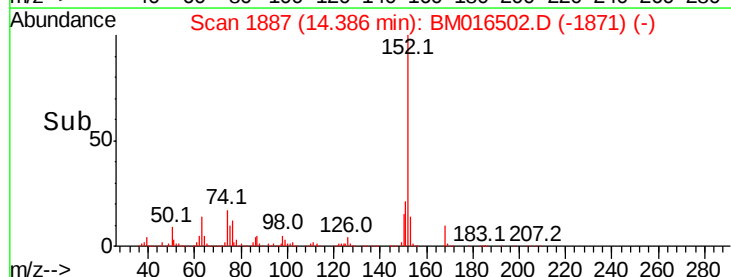
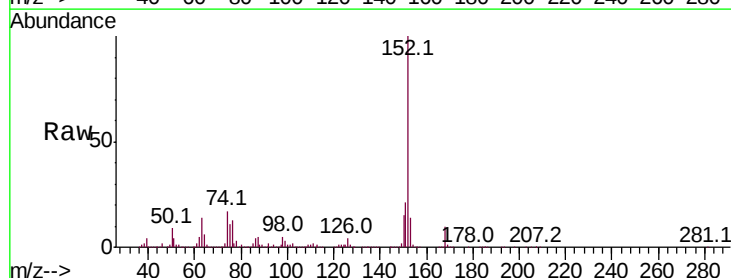
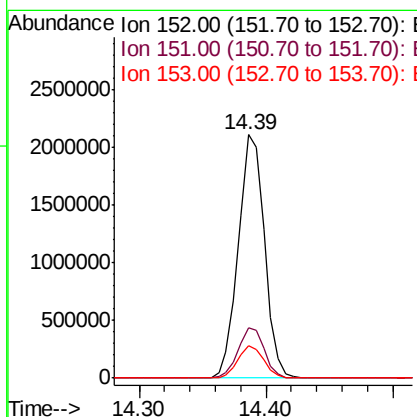
RT: 14.39 min Scan# 1887

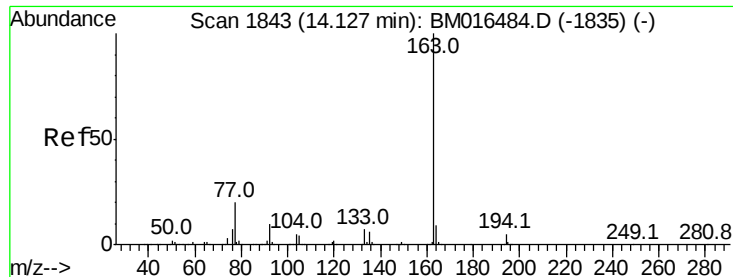
Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:	152	Resp:	3010876
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.9	23.9
153	13.6	10.6	16.0





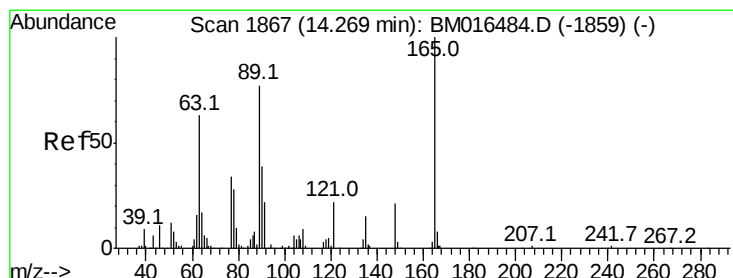
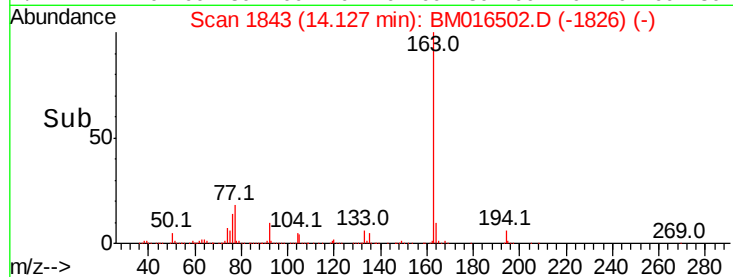
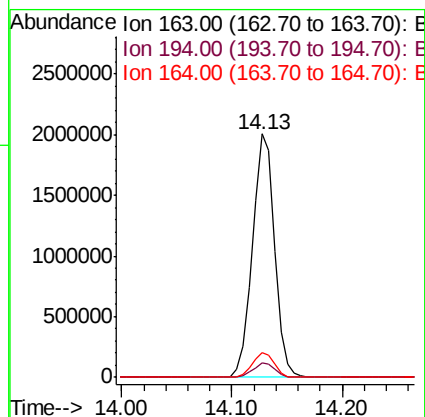
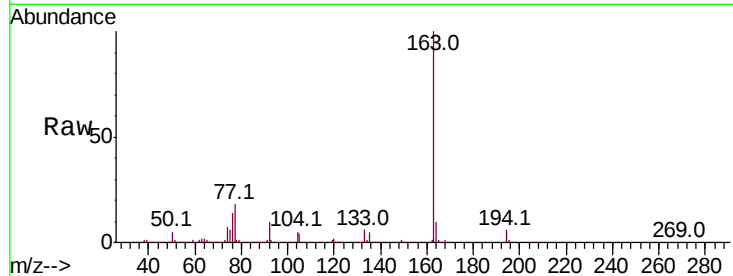
#49
Dimethylphthalate
Concen: 51.324 ng
RT: 14.13 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	2.7	4.1#
164	10.1	8.2	12.2

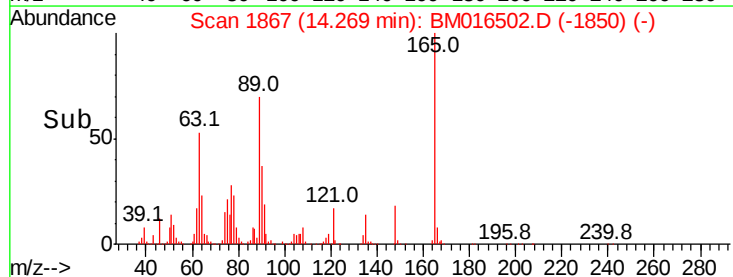
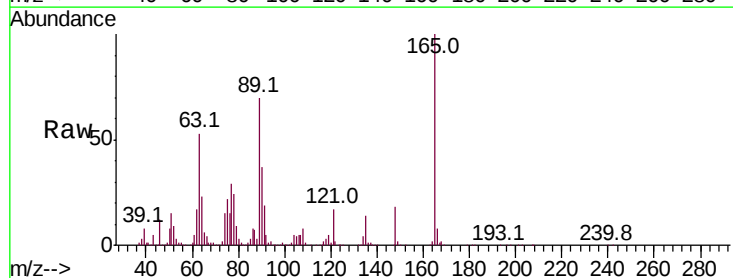
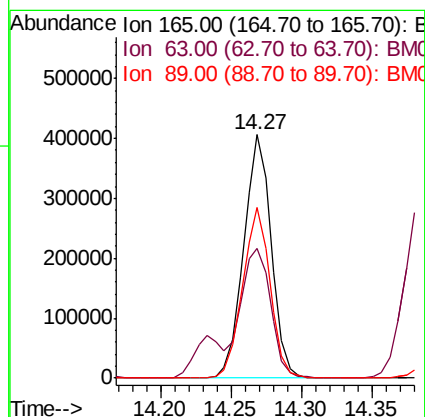
Manual Integrations
APPROVED

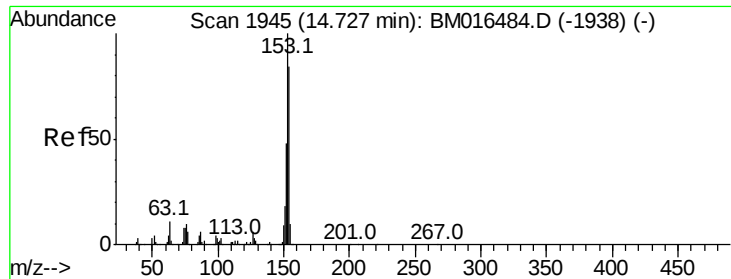
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#50
2,6-Dinitrotoluene
Concen: 51.796 ng
RT: 14.27 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	44.1	66.1
89	70.0	44.3	66.5#





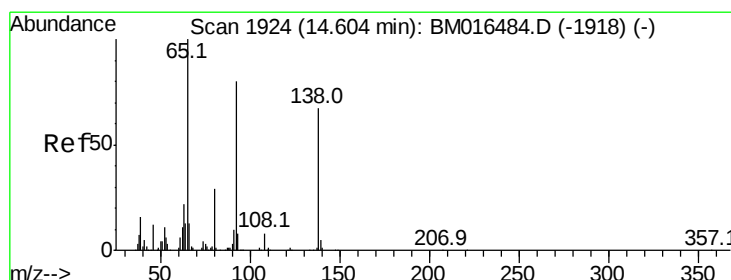
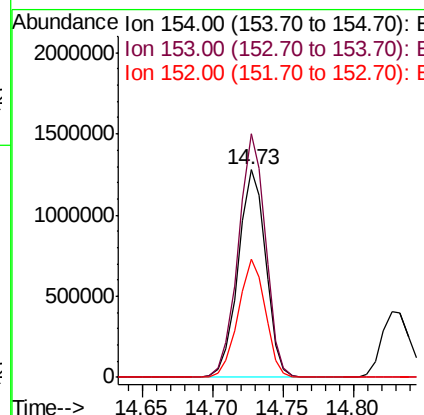
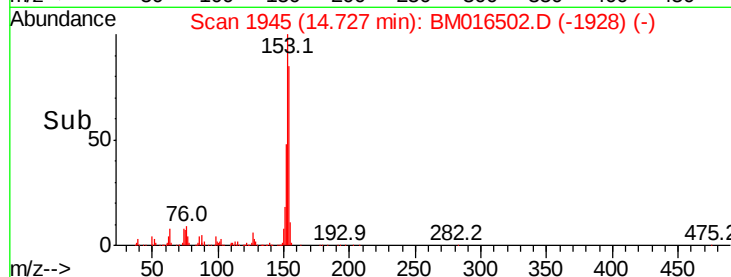
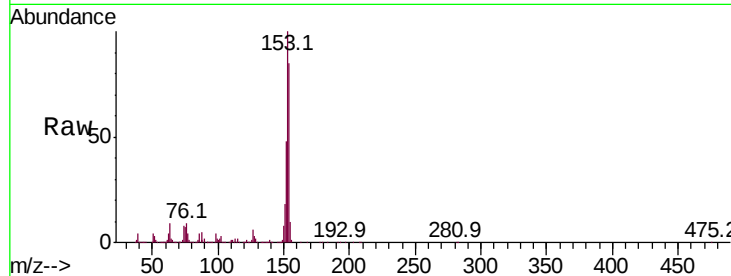
#51
Acenaphthene
Concen: 49.425 ng
RT: 14.73 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion:154 Resp: 1744128
Ion Ratio Lower Upper
154 100
153 117.5 90.0 135.0
152 56.9 42.6 63.8

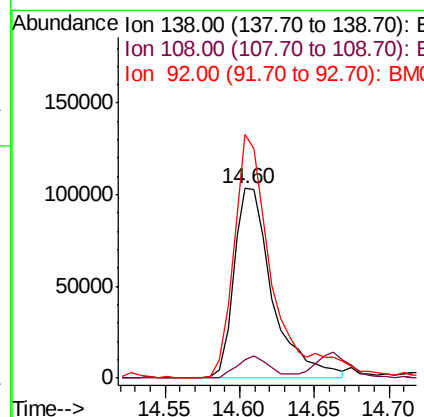
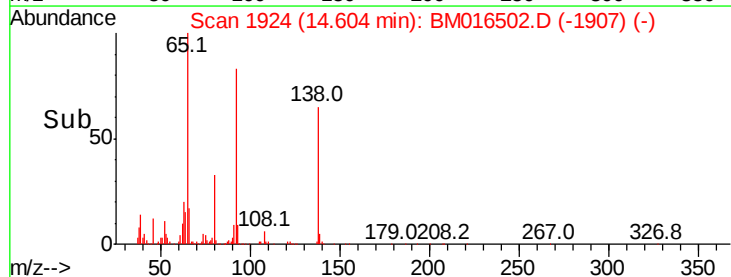
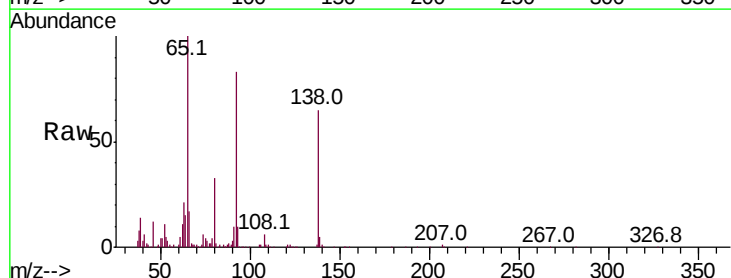
Manual Integrations
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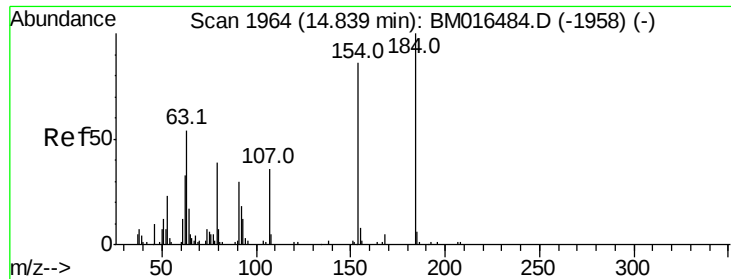
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#52
3-Nitroaniline
Concen: 19.120 ng
RT: 14.60 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:138 Resp: 186215
Ion Ratio Lower Upper
138 100
108 9.4 7.3 10.9
92 128.6 76.6 114.8#





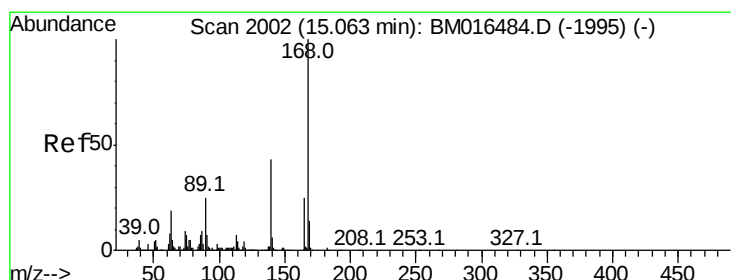
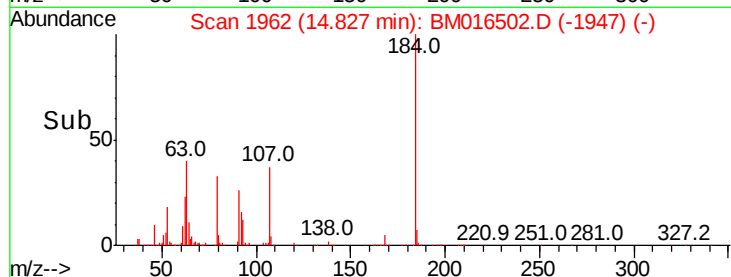
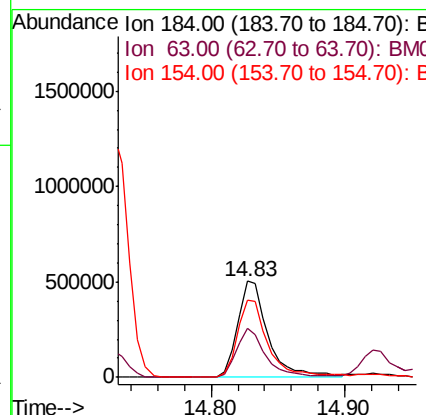
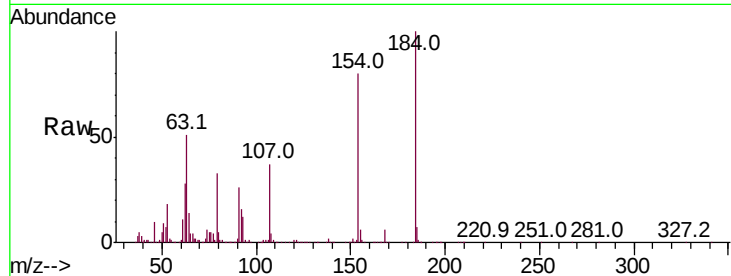
#53
2,4-Dinitrophenol
Concen: 149.724 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	51.0	69.2	103.8#	
154	79.7	53.3	79.9	

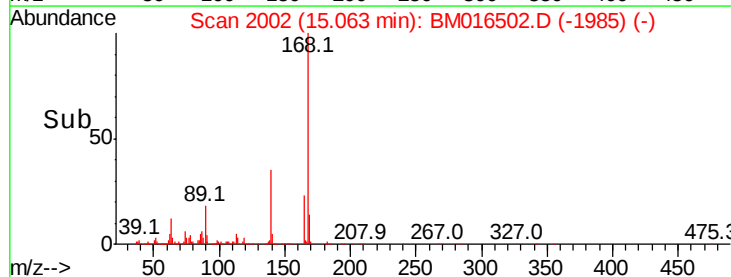
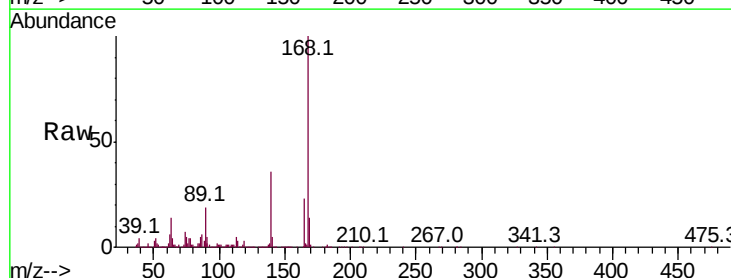
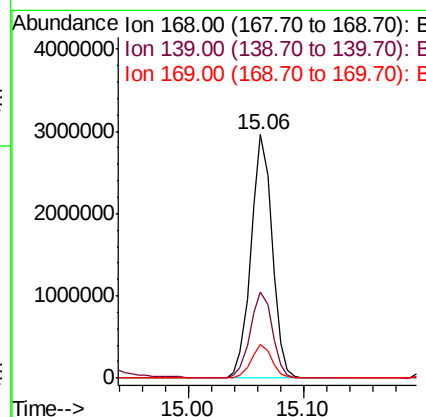
Manual Integrations
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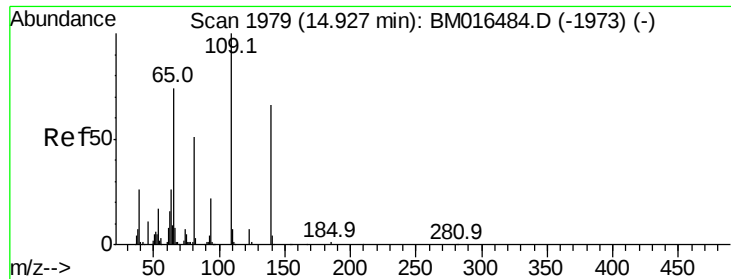
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#54
Dibenzofuran
Concen: 55.964 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.7	27.3	40.9	
169	13.6	10.6	16.0	





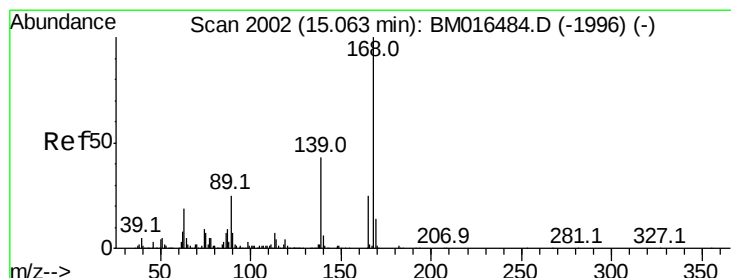
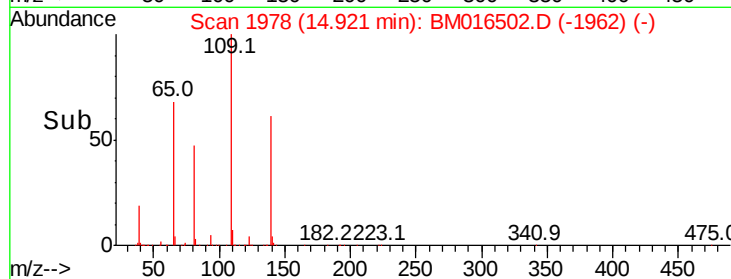
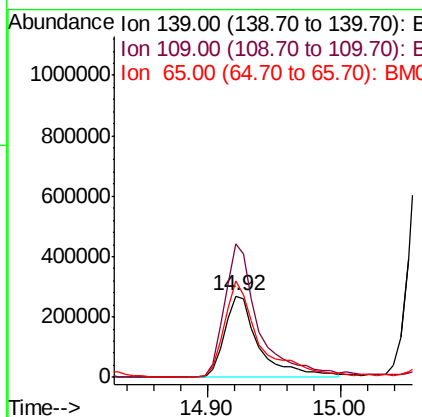
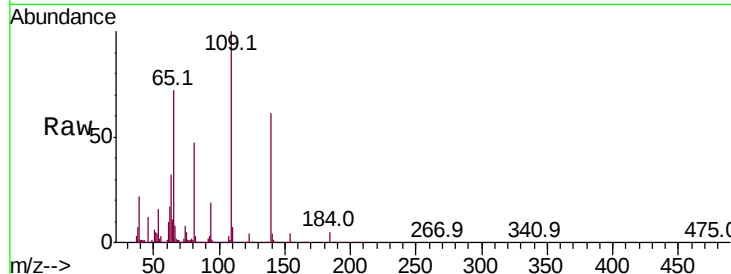
#55
4-Nitrophenol
Concen: 78.223 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	164.6	130.0	170.0
65	118.6	130.0	170.0

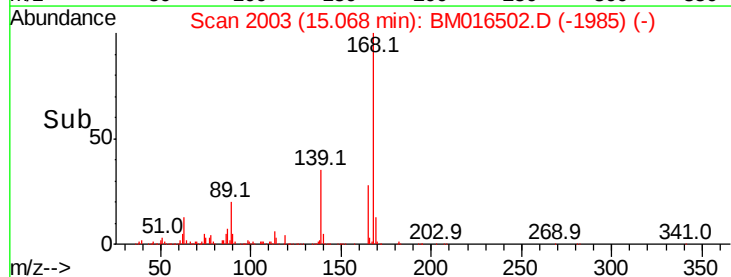
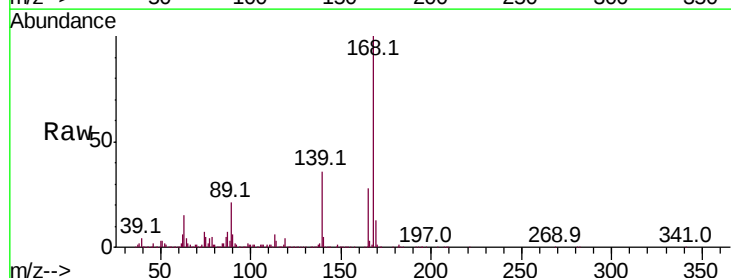
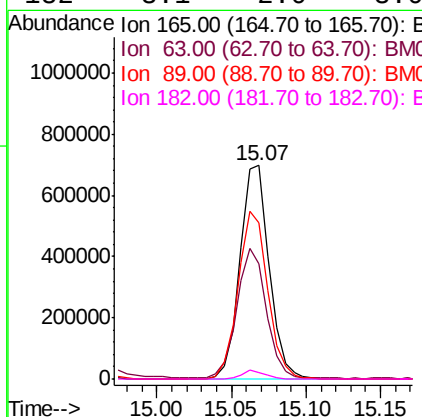
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 53.086 ng
RT: 15.07 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	52.4	78.6
89	73.2	72.4	108.6
182	3.1	2.0	3.0





#57

Fluorene

Concen: 59.172 ng

RT: 15.71 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MS

Tot Ion:166 Resp: 3019656

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

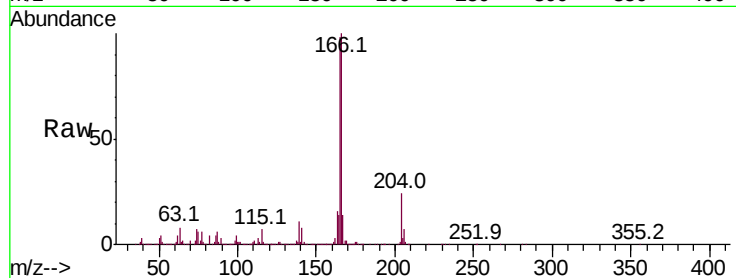
167 13.6 10.3 15.5

Manual Integrations

APPROVED

Sohil

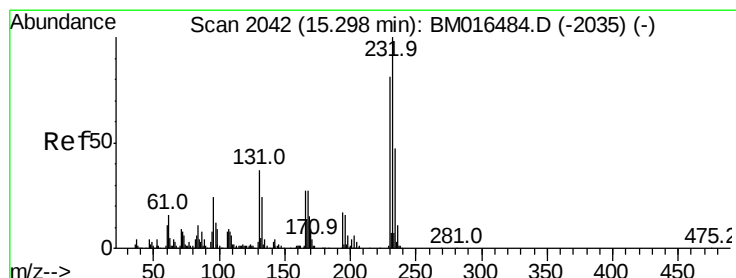
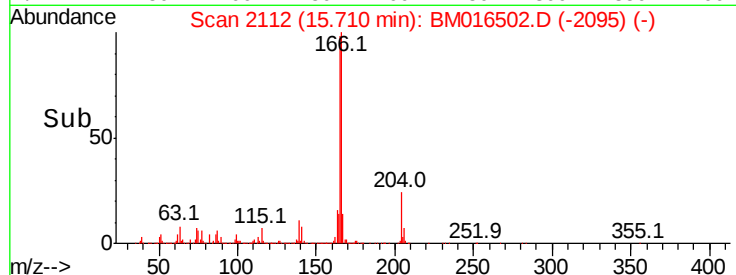
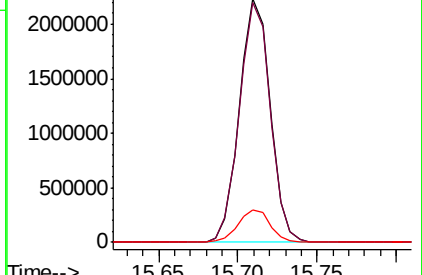
8/22/2018 6:07:03 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.570 ng

RT: 15.30 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:232 Resp: 1042692

Ion Ratio Lower Upper

232 100

131 30.0 0.0 0.0#

130 2.3 0.0 0.0#

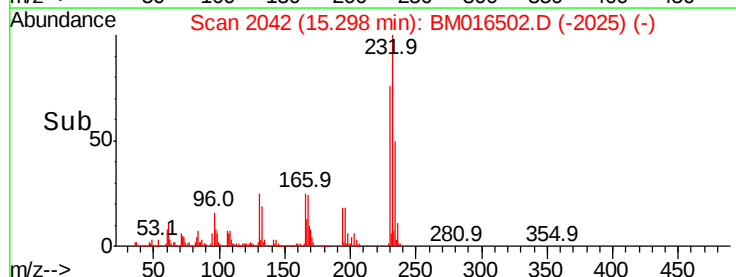
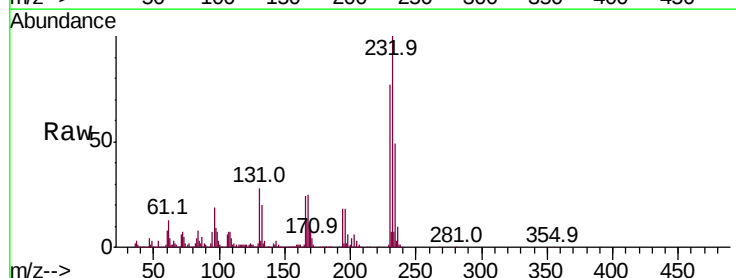
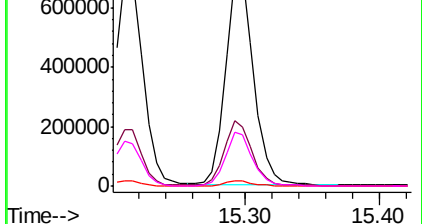
166 24.8 0.0 0.0#

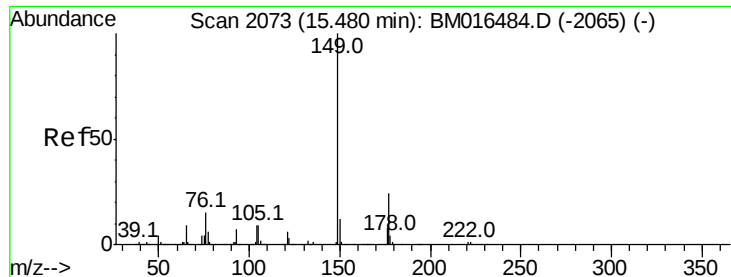
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





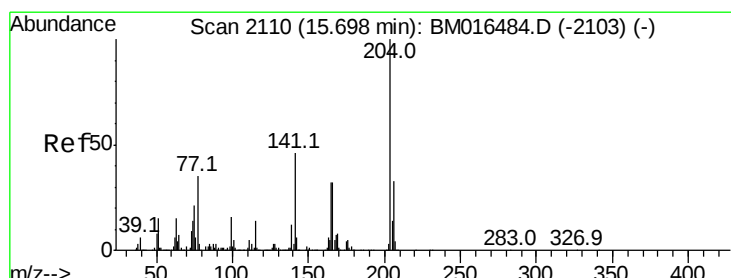
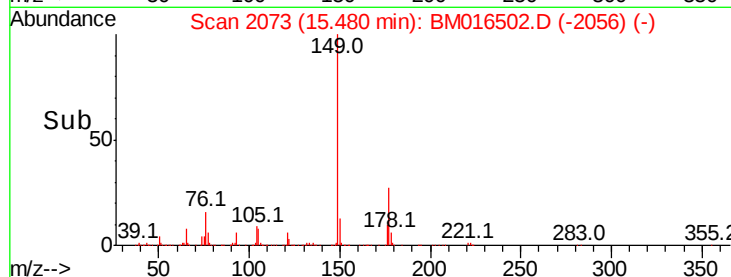
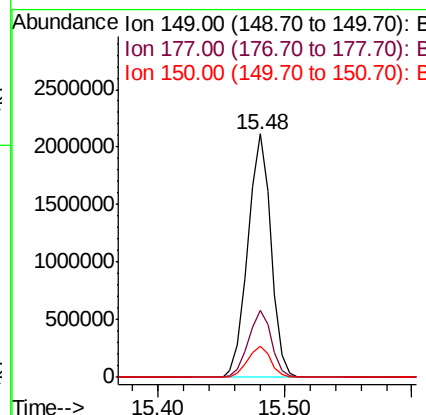
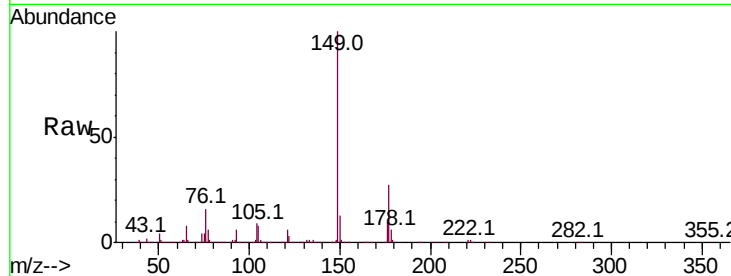
#59
Diethylphthalate
Concen: 46.685 ng
RT: 15.48 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.3	18.3	27.5
150	12.9	9.8	14.8

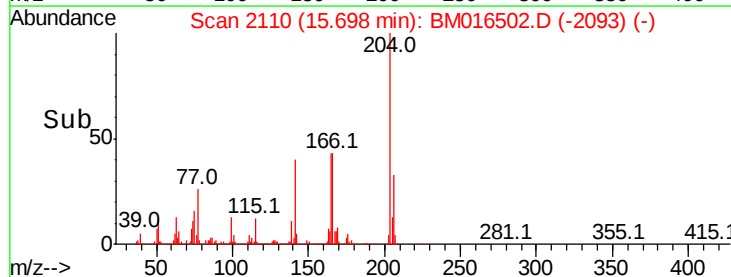
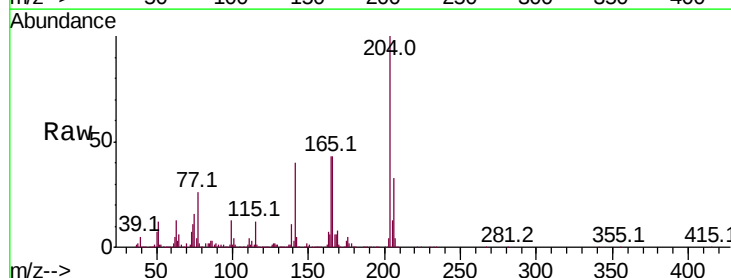
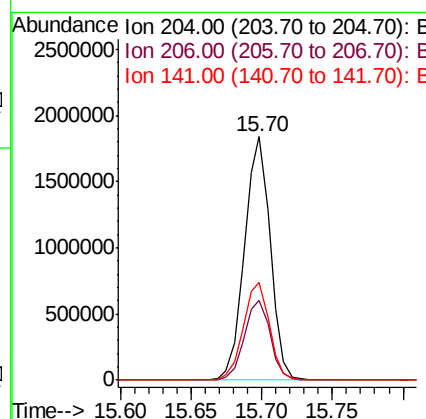
Manual Integrations
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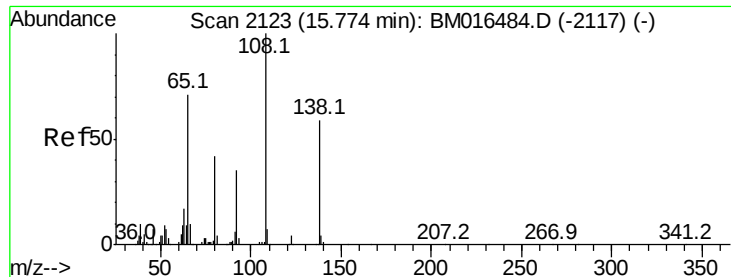
Sohil
8/22/2018 6:07:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.666 ng
RT: 15.70 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	40.1	45.2	67.8#





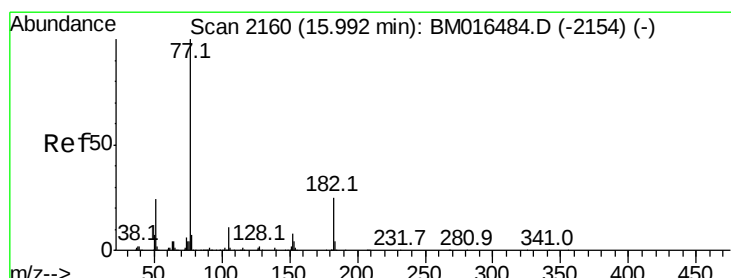
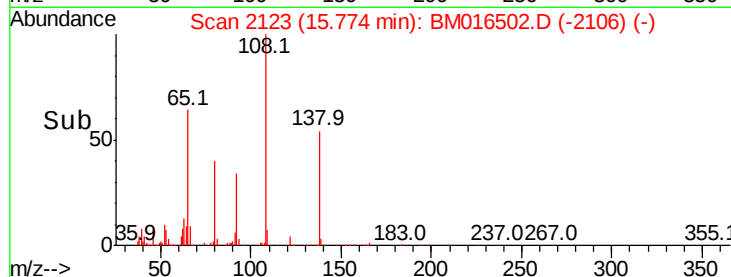
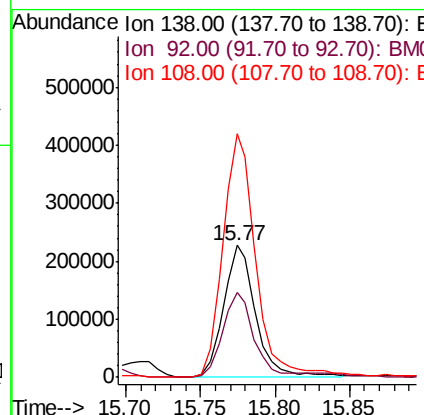
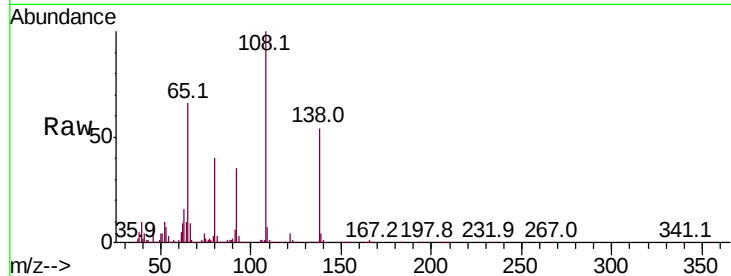
#61
4-Nitroaniline
Concen: 35.660 ng
RT: 15.77 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	64.0	16.7	56.7#
108	184.6	37.6	77.6#

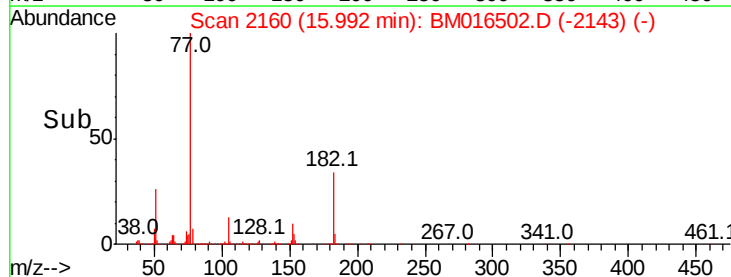
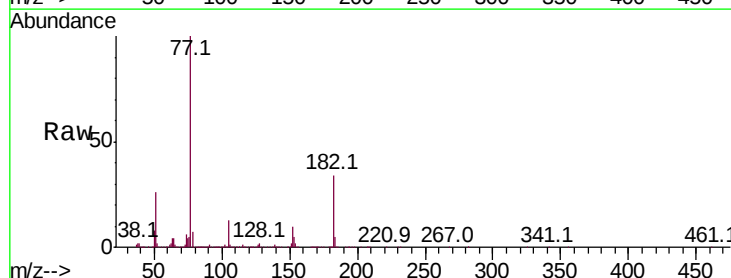
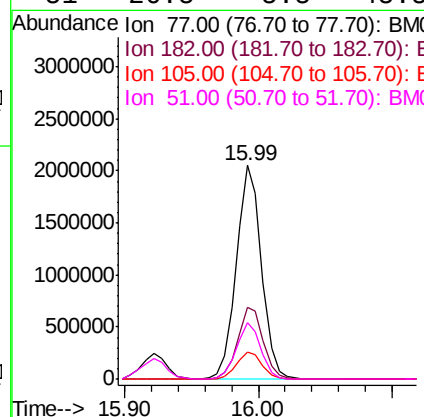
Manual Integrations
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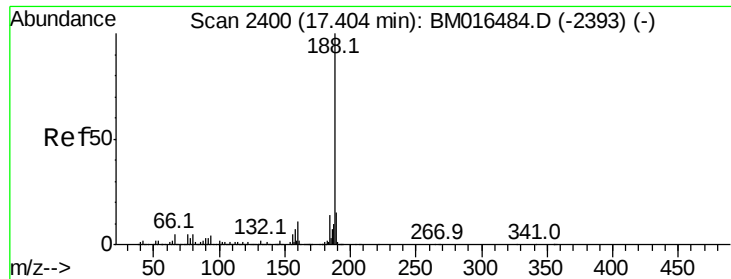
Sohil
8/22/2018 6:07:03 PM



#62
Azobenzene
Concen: 43.932 ng
RT: 15.99 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.7	6.5	46.5
105	12.8	3.8	43.8
51	26.5	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MS

Tot Ion:188 Resp: 1707349

Ion Ratio Lower Upper

188 100

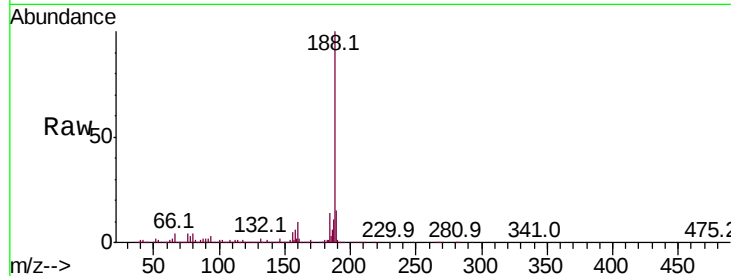
94 3.1 8.7 13.1#

80 4.0 9.3 13.9#

Manual Integrations
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Sohil

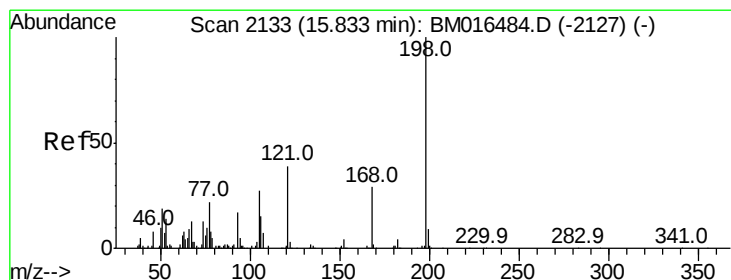
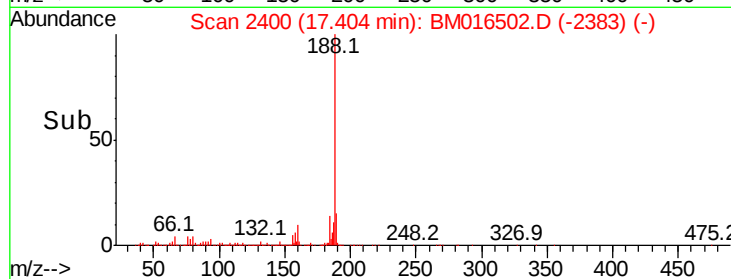
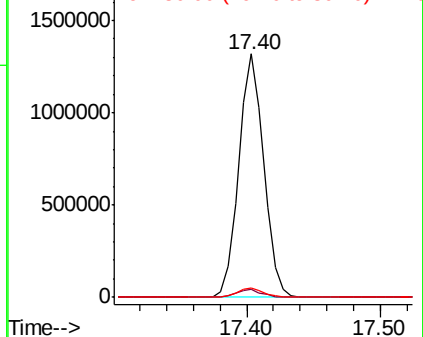
8/22/2018 6:07:03 PM



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: 49.283 ng

RT: 15.83 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

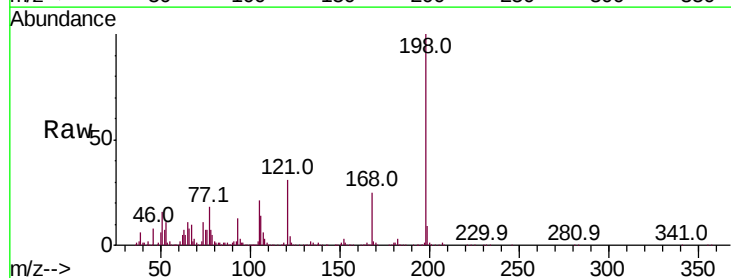
Tgt Ion:198 Resp: 639346

Ion Ratio Lower Upper

198 100

51 16.0 28.8 68.8#

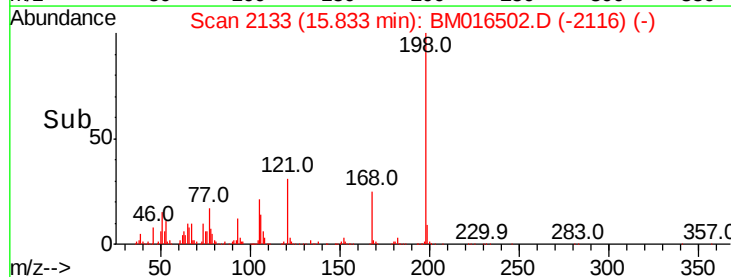
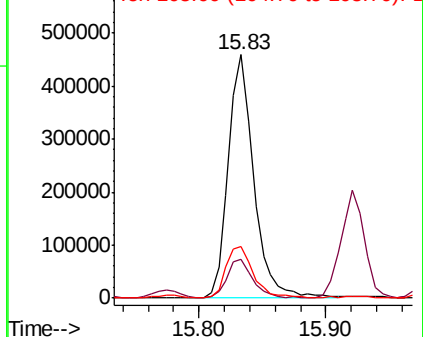
105 21.4 30.5 70.5#

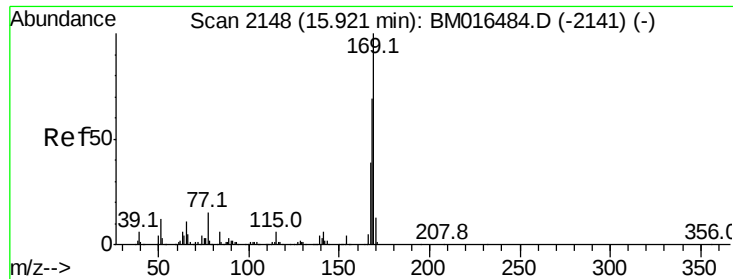


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





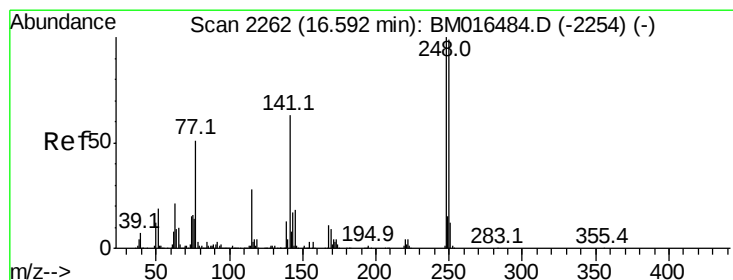
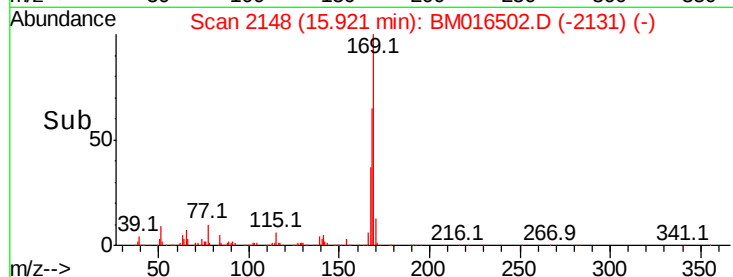
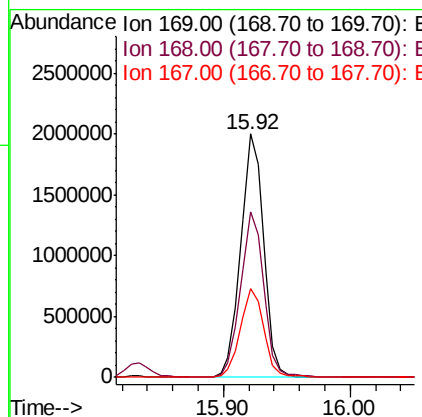
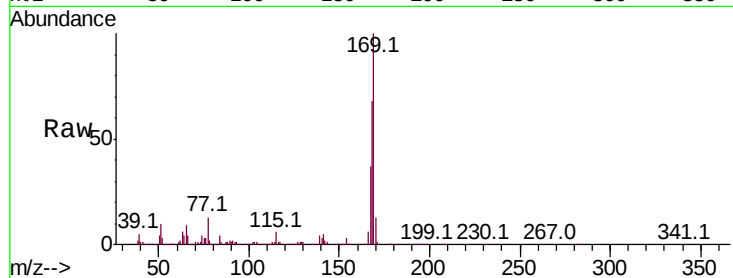
#65
n-Nitrosodiphenylamine
Concen: 51.777 ng
RT: 15.92 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	36.6	28.9	43.3

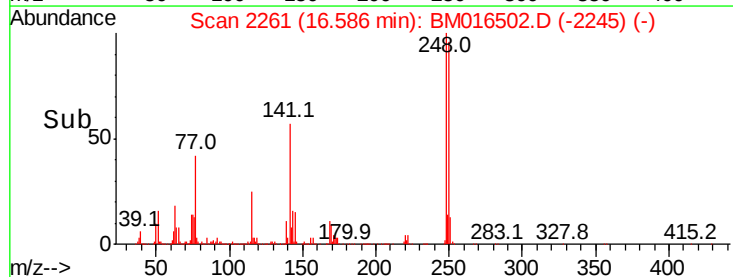
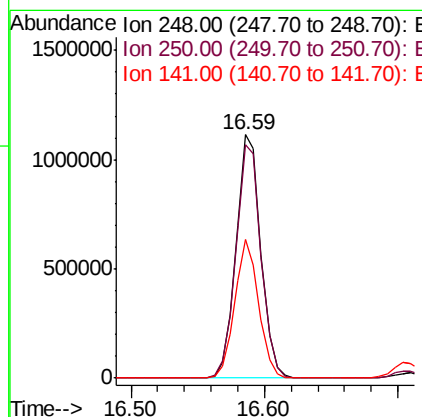
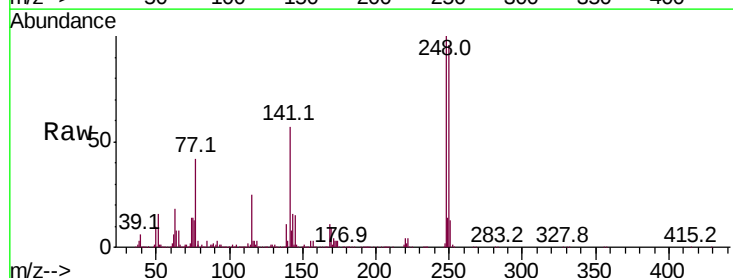
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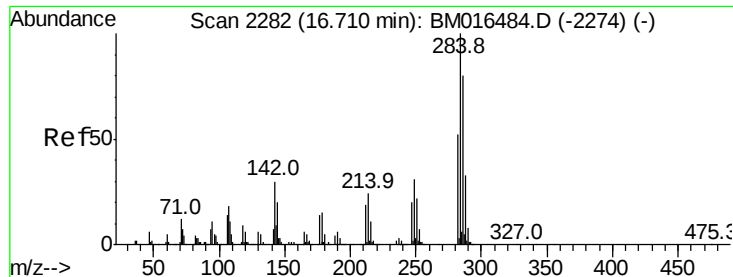
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 54.755 ng
RT: 16.59 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.4	116.0
141	57.0	45.2	67.8





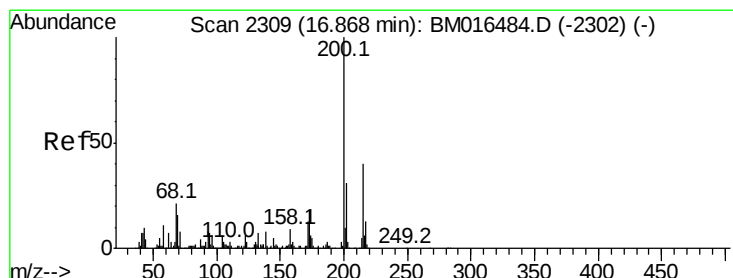
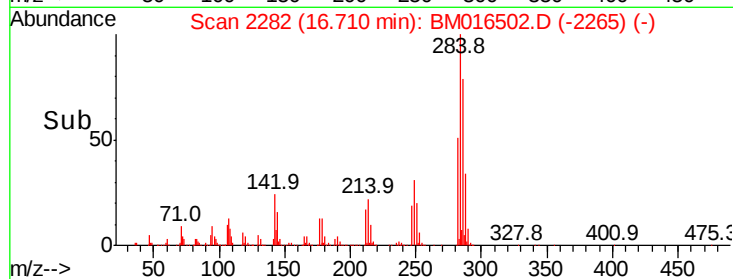
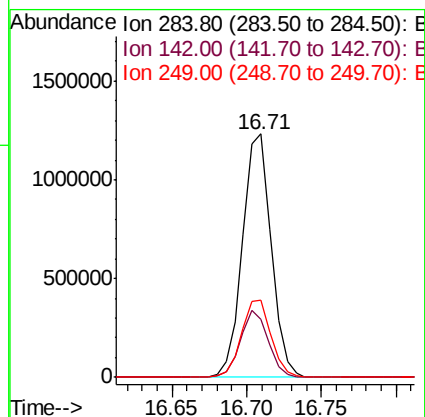
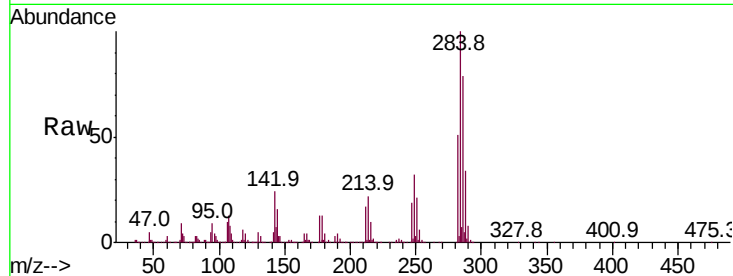
#67
Hexachlorobenzene
Concen: 53.688 ng
RT: 16.71 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion:	284	Resp:	1642526
Ion	Ratio	Lower	Upper
284	100		
142	23.8	20.4	30.6
249	31.8	23.8	35.6

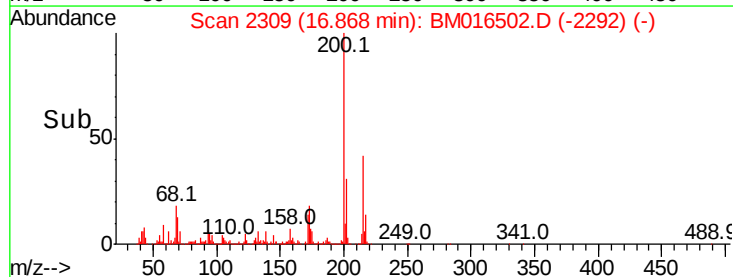
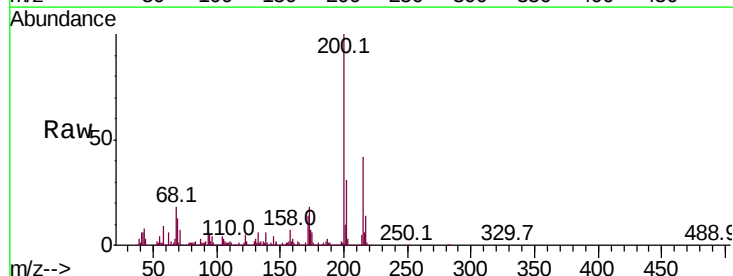
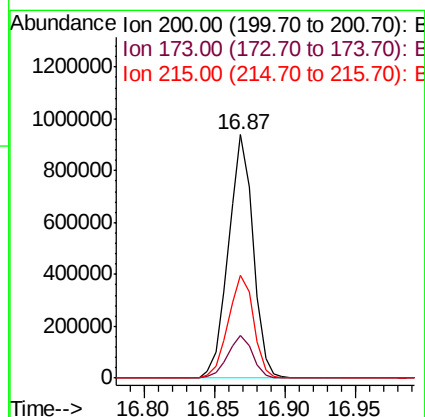
Manual Integrations
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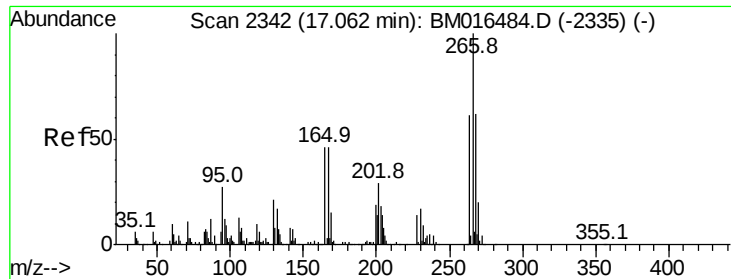
Sohil
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#68
Atrazine
Concen: 51.955 ng
RT: 16.87 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:	200	Resp:	1138854
Ion	Ratio	Lower	Upper
200	100		
173	17.7	4.8	44.8
215	42.1	26.9	66.9





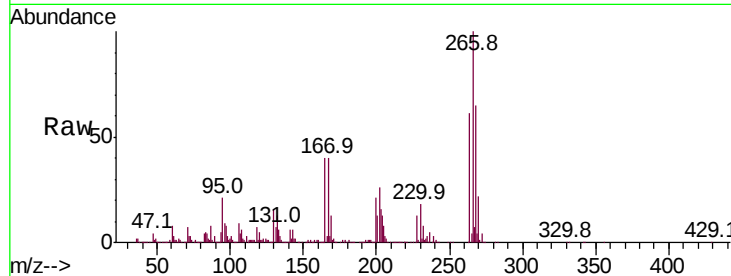
#69
 Pentachlorophenol
 Concen: 98.094 ng
 RT: 17.06 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.0	78.0
264	61.3	49.0	73.4

Manual Integrations
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 8/22/2018 6:07:03 PM

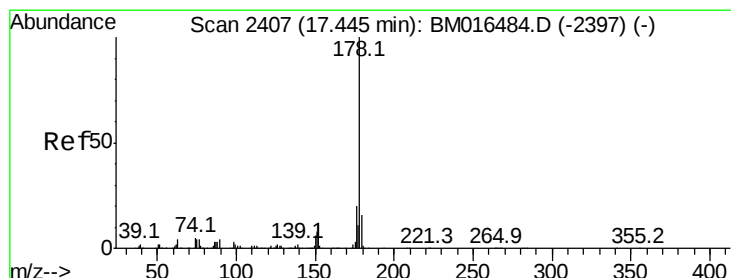
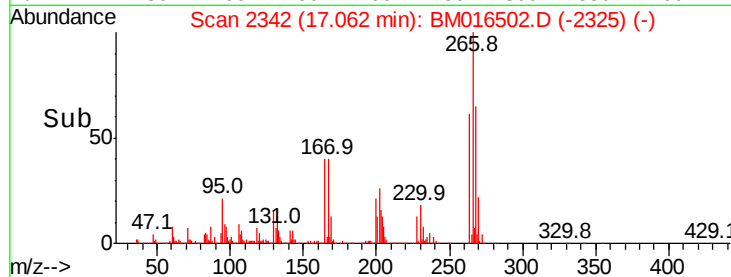
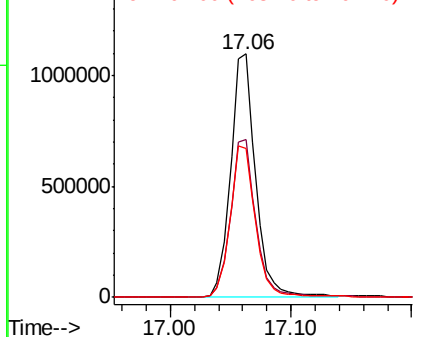


Abundance

Ion 265.70 (265.40 to 266.40): E

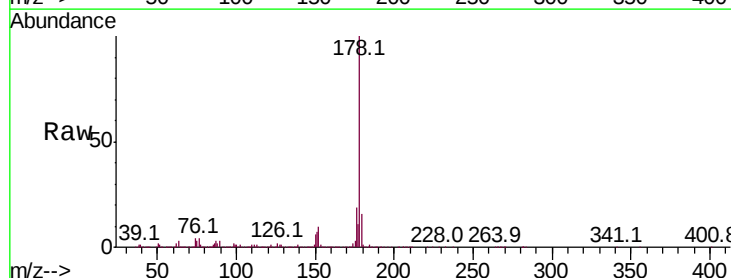
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 57.016 ng
 RT: 17.44 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.8	12.1	18.1

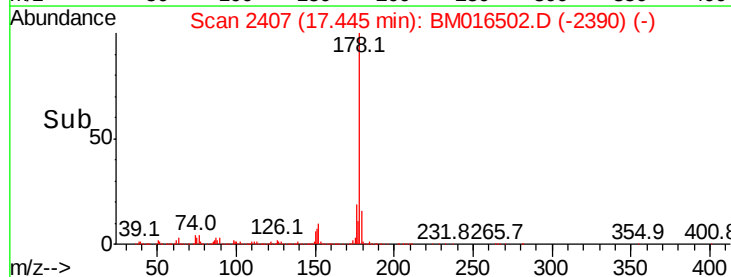
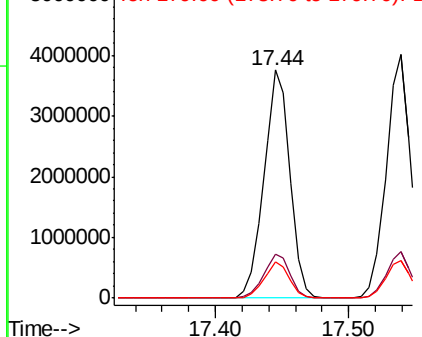


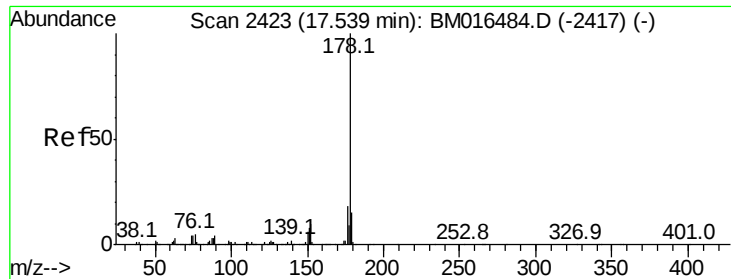
Abundance

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





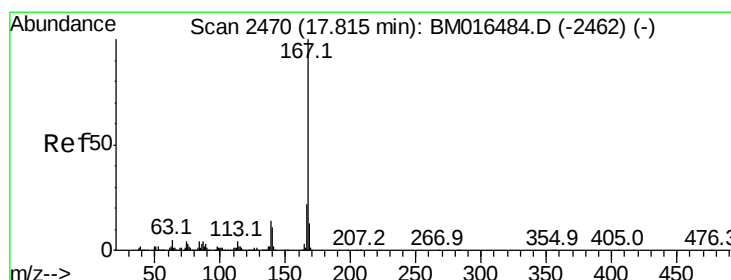
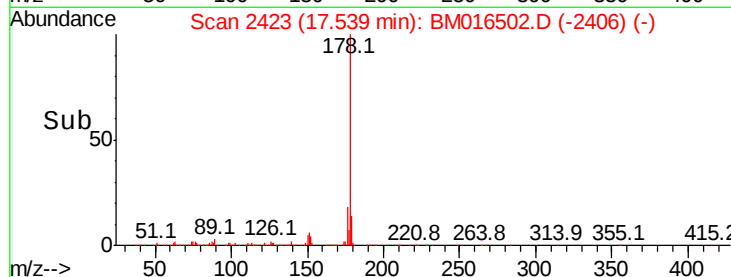
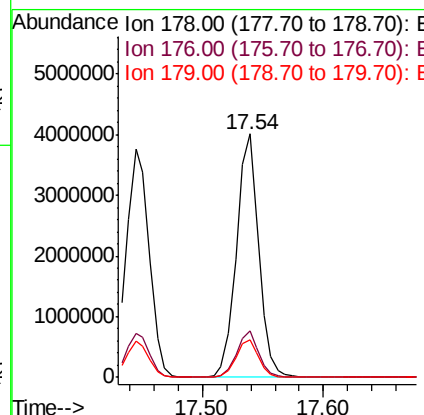
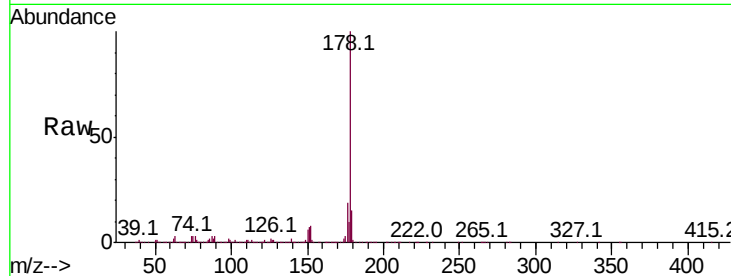
#71
 Anthracene
 Concen: 58.717 ng
 RT: 17.54 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleID :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.2	12.6	19.0

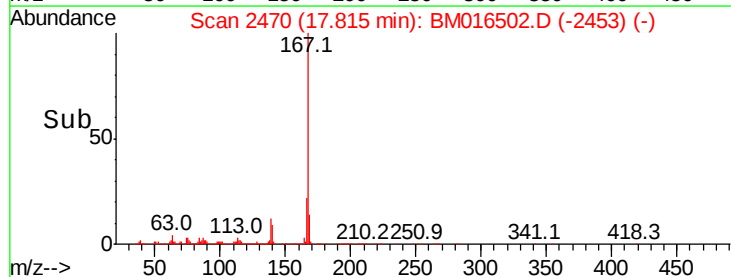
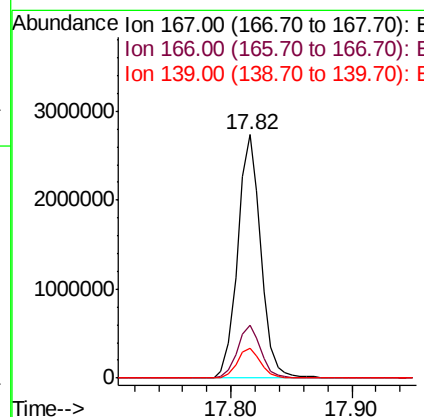
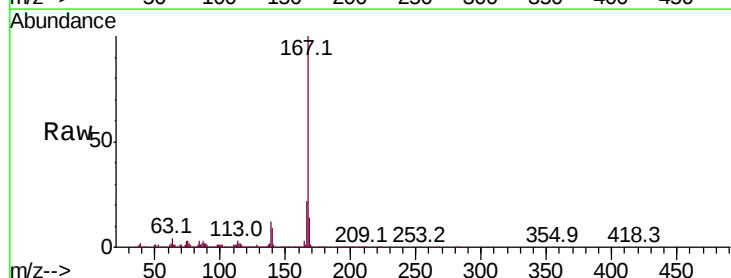
Manual Integrations
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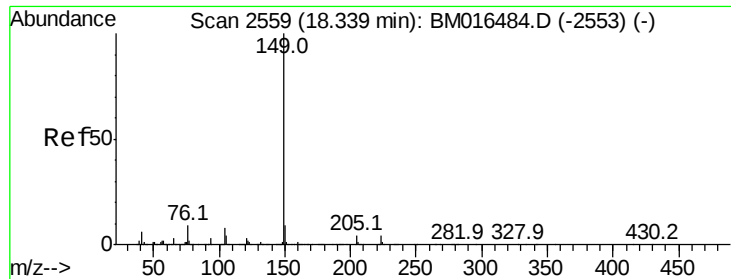
Sohil
 8/22/2018 6:07:03 PM



#72
 Carbazole
 Concen: 46.308 ng
 RT: 17.82 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.4	10.8	16.2





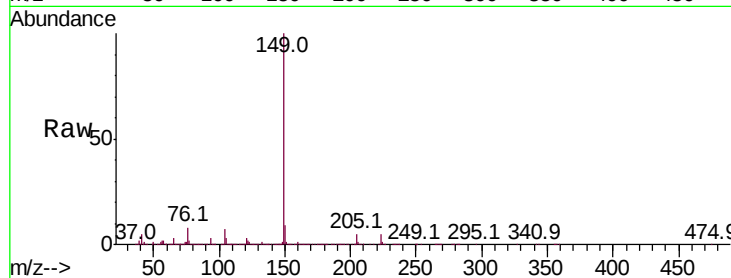
#73
Di-n-butylphthalate
Concen: 47.073 ng
RT: 18.34 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	6.9	3.7	5.5

Manual Integrations
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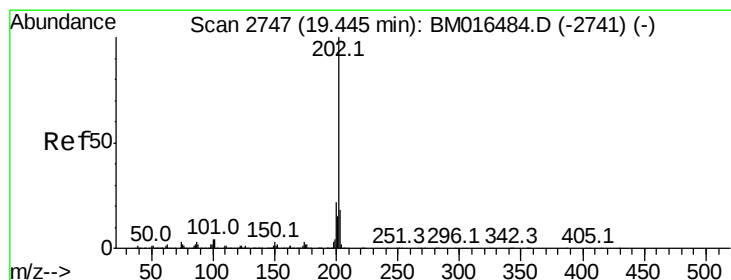
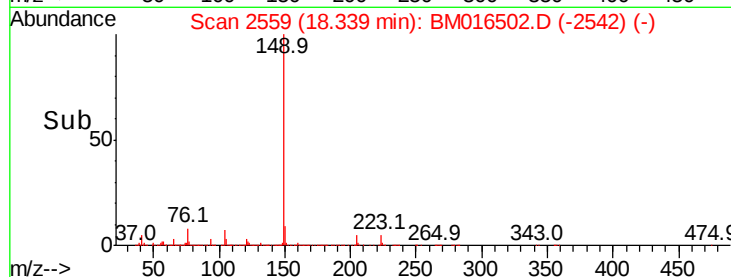
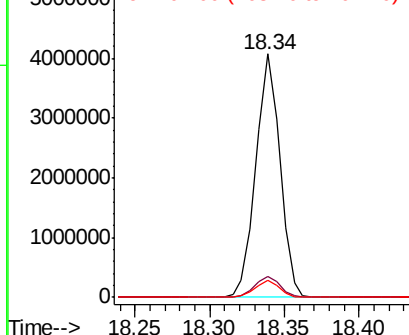


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74
Fluoranthene
Concen: 53.907 ng
RT: 19.44 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

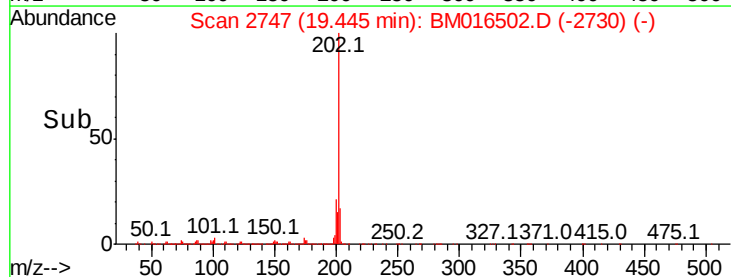
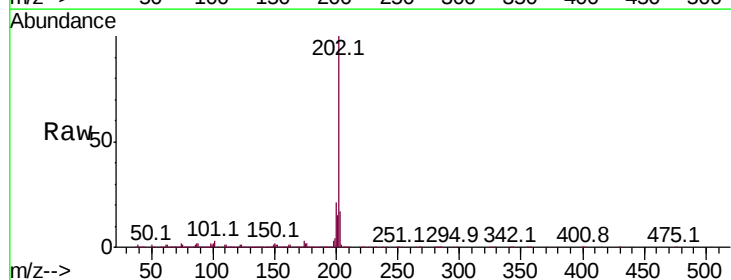
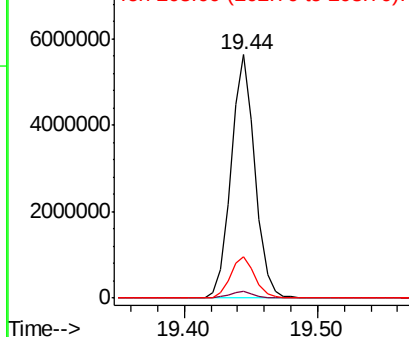
Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.0	0.0	28.7
203	17.0	0.0	37.2

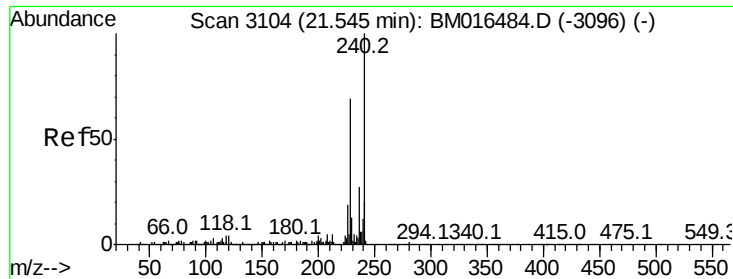
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





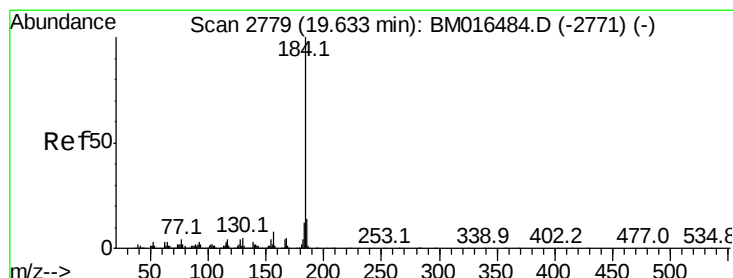
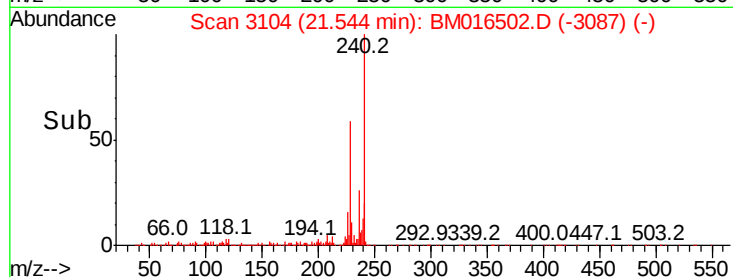
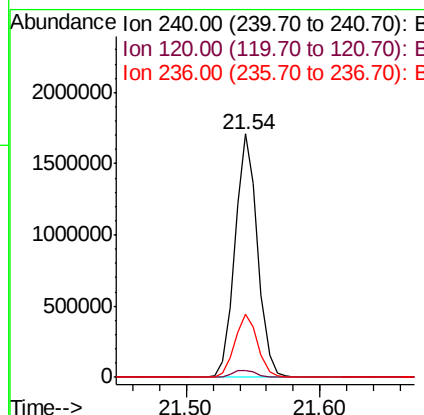
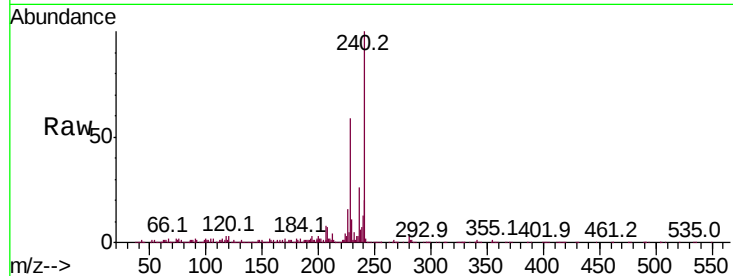
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.9	8.2	12.2#
236	26.2	20.0	30.0

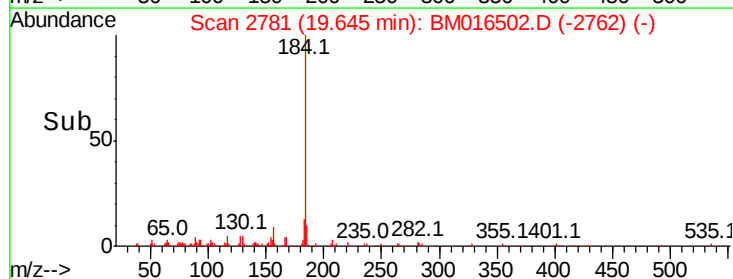
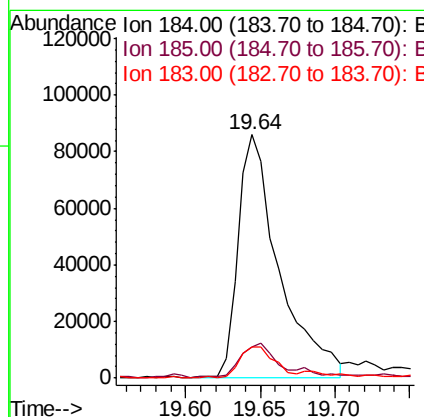
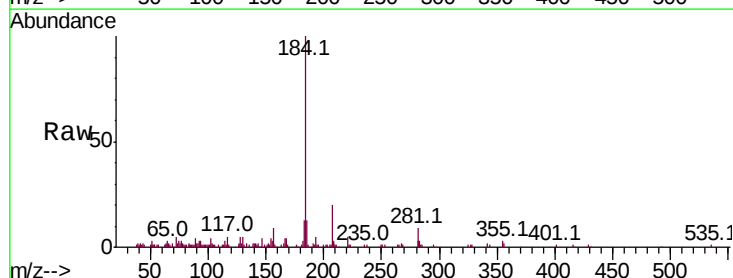
Manual Integrations
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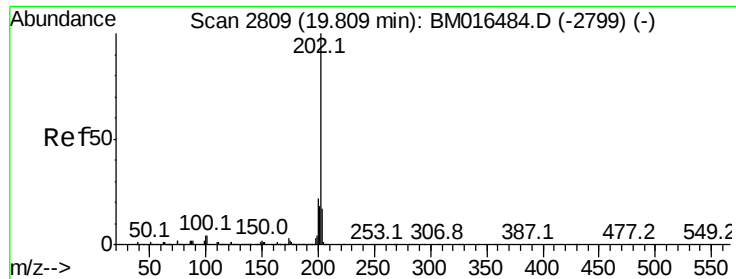
Sohil
8/22/2018 6:07:03 PM



#76
Benzidine
Concen: 4.275 ng
RT: 19.64 min Scan# 2781
Delta R.T. 0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.3	16.9
183	12.7	8.9	13.3





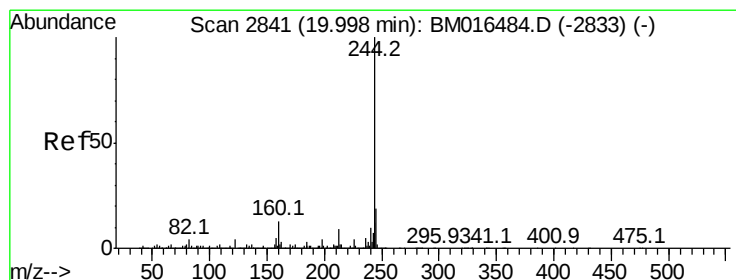
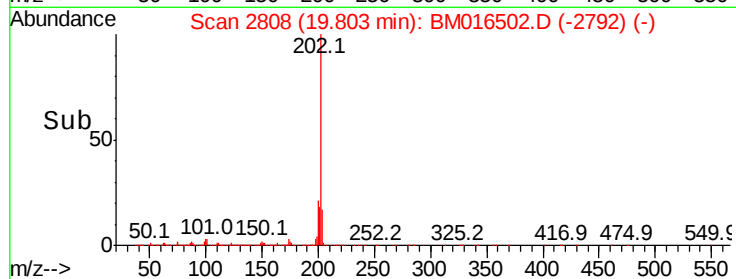
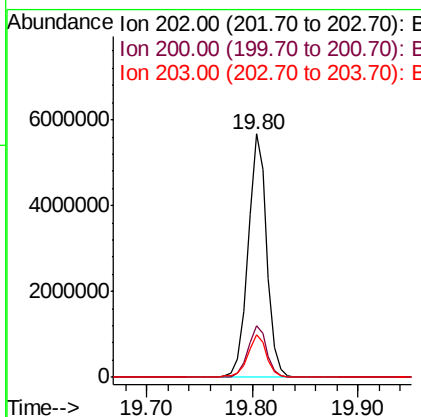
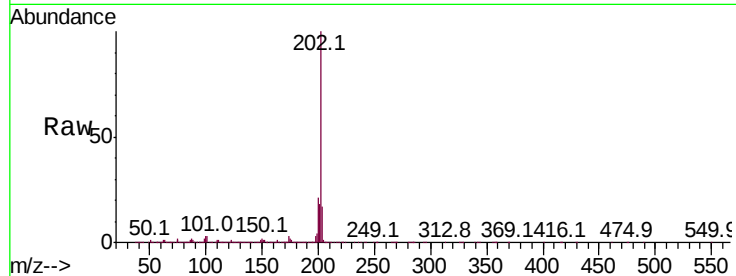
#77
Pvrene
Concen: 63.990 ng
RT: 19.80 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	14.1	21.1

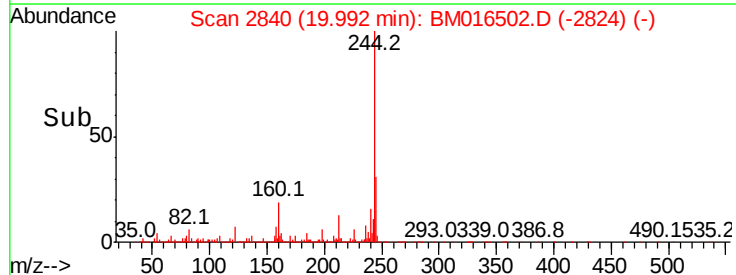
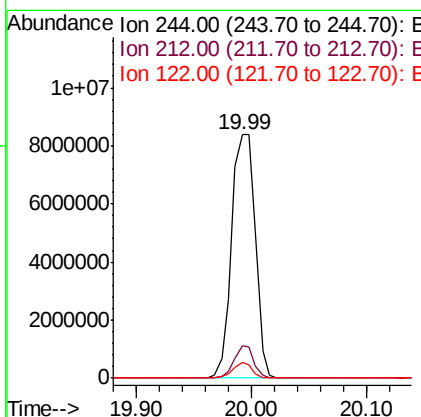
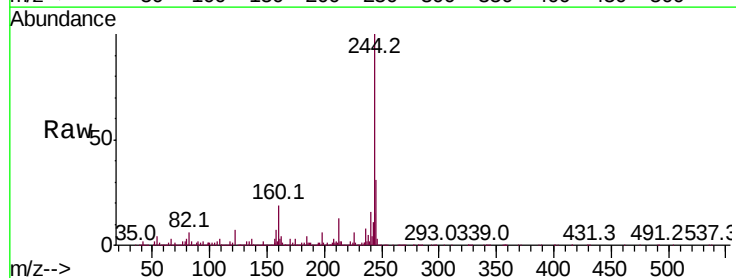
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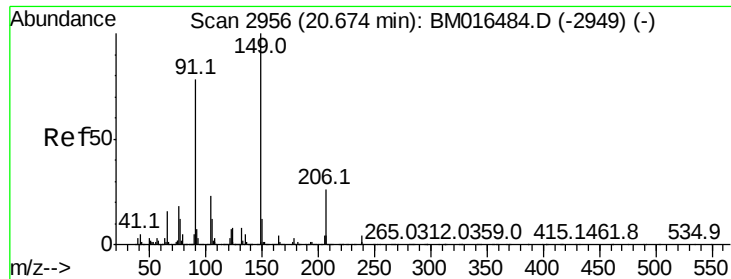
Sohil
8/22/2018 6:07:03 PM



#78
Terphenyl-d14
Concen: 63.990 ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.3	4.9	7.3#
122	6.5	6.2	9.4





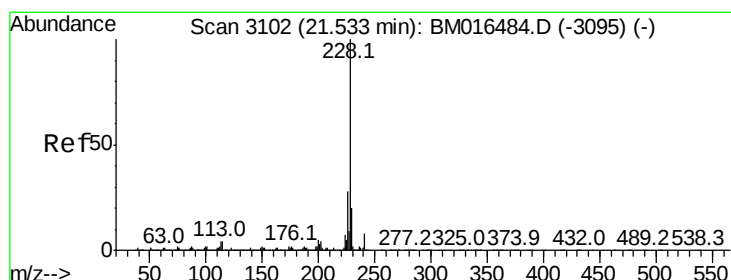
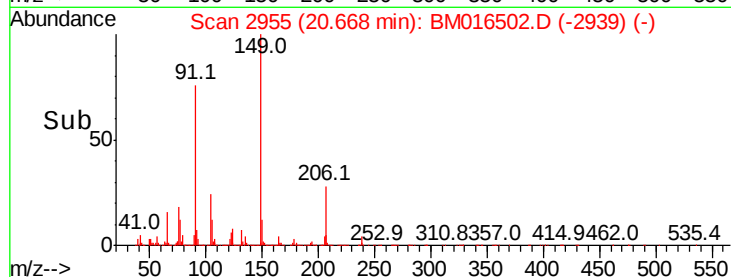
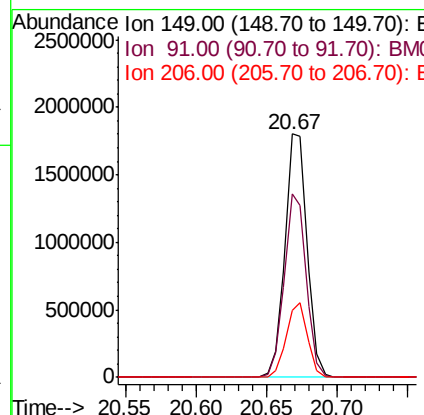
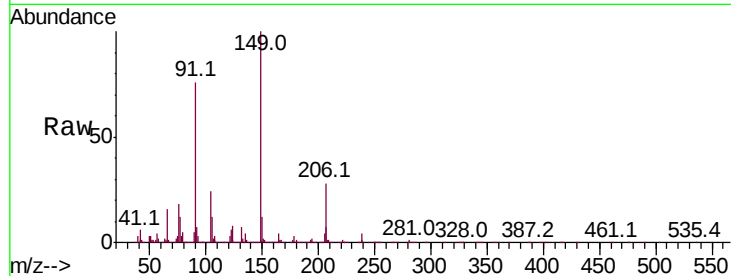
#79
Butylbenzylphthalate
Concen: 52.325 ng
RT: 20.67 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.5	50.1	75.1#
206	27.6	16.2	24.2#

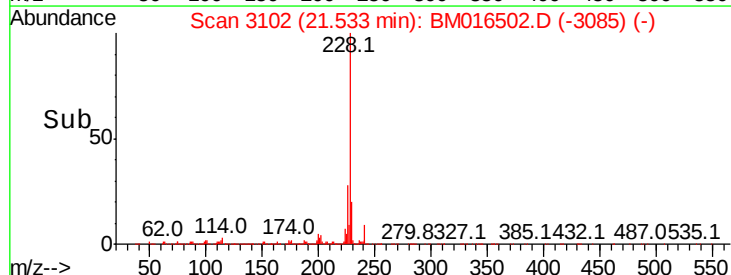
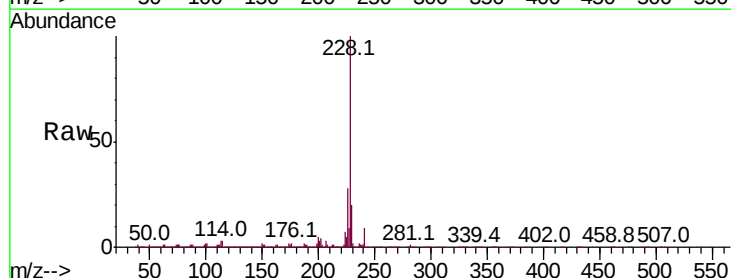
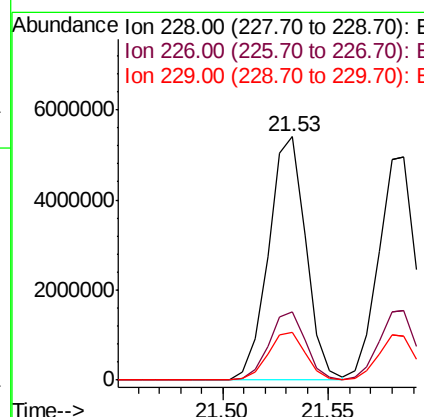
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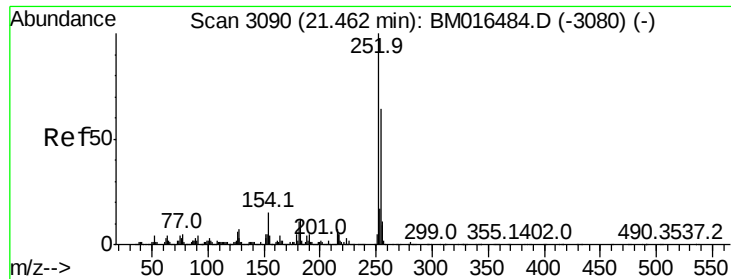
Sohil
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#80
Benzo(a)anthracene
Concen: 56.235 ng
RT: 21.53 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	19.8	16.0	24.0





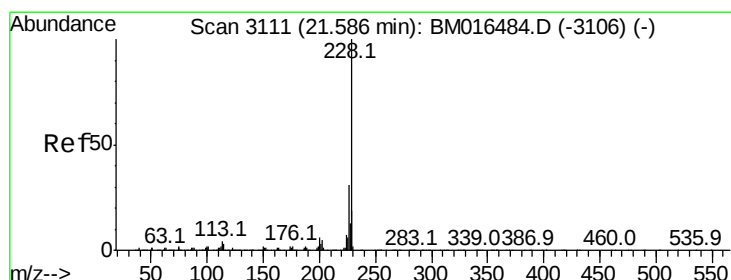
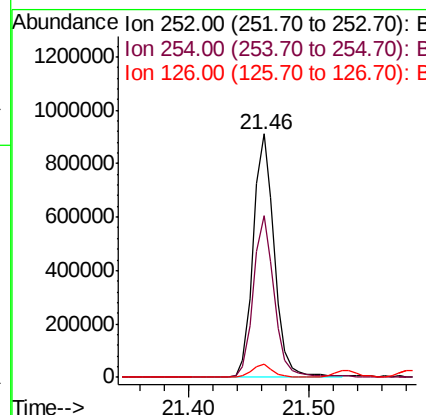
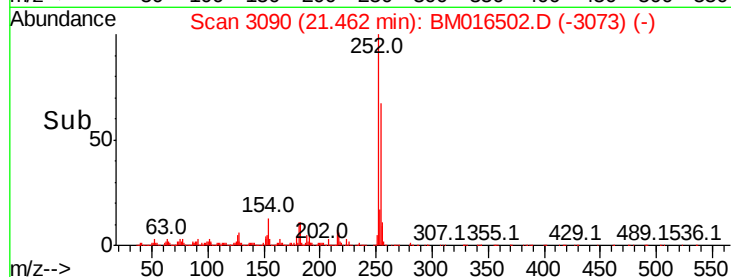
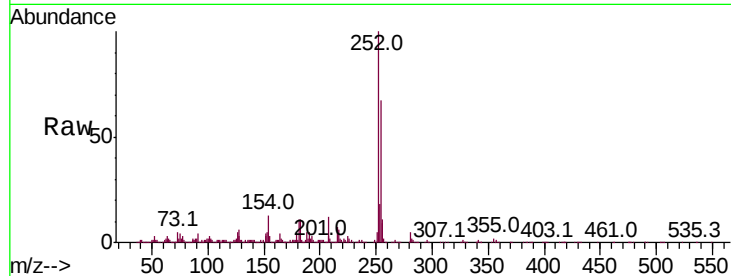
#81
 3,3'-Dichlorobenzidine
 Concen: 21.201 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.9	77.9
126	5.3	9.8	14.8

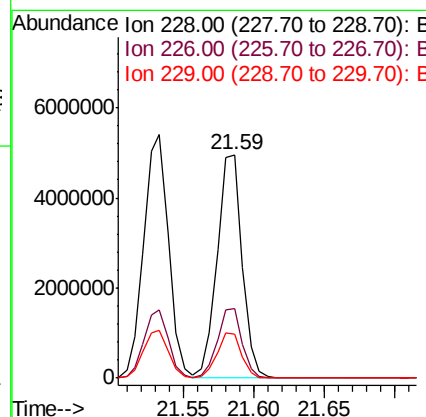
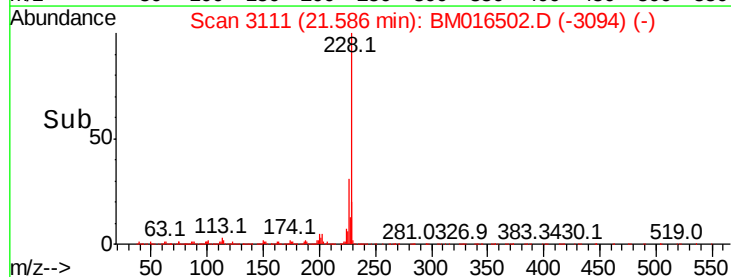
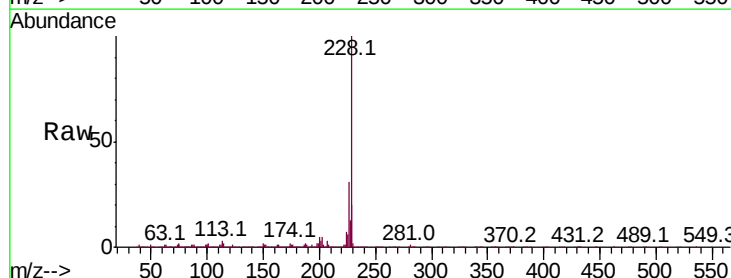
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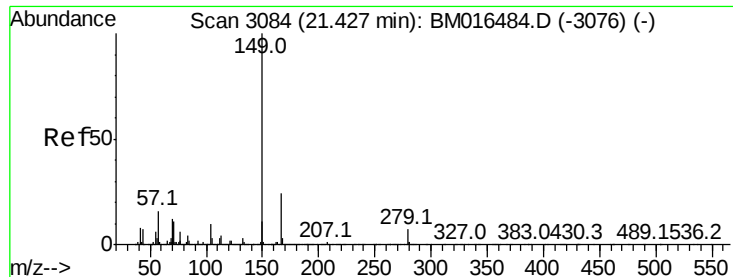
Sohil
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#82
 Chrysene
 Concen: 54.264 ng
 RT: 21.59 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.1	36.1
229	19.7	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.221 ng

RT: 21.42 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MS

Tot Ion:149 Resp: 2806348

Ion Ratio Lower Upper

149 100

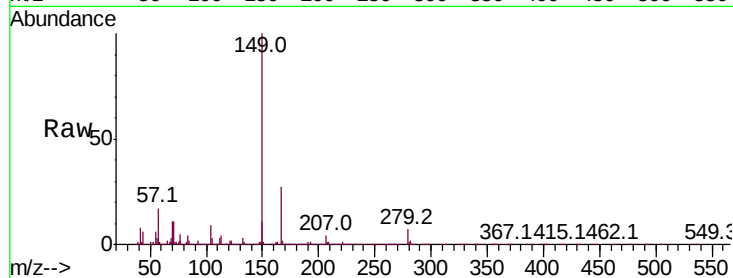
167 27.0 22.4 33.6

279 7.2 3.4 5.0#

Manual Integrations
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Sohil

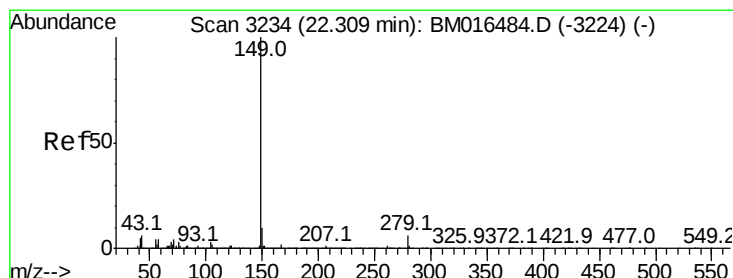
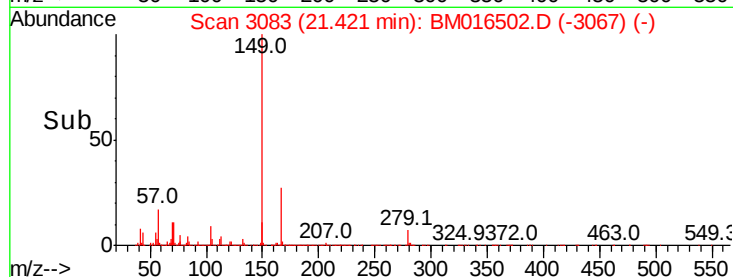
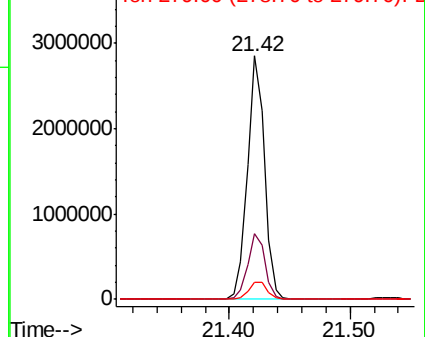
8/22/2018 6:07:03 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.779 ng

RT: 22.31 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

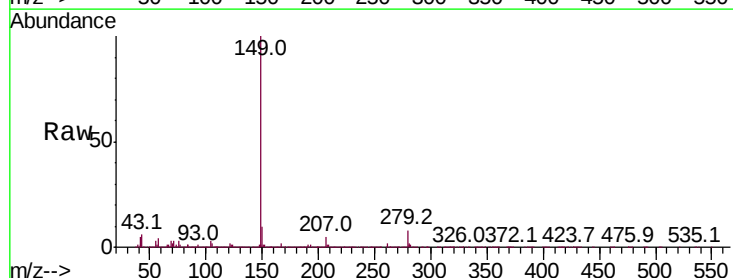
Tgt Ion:149 Resp: 4436827

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

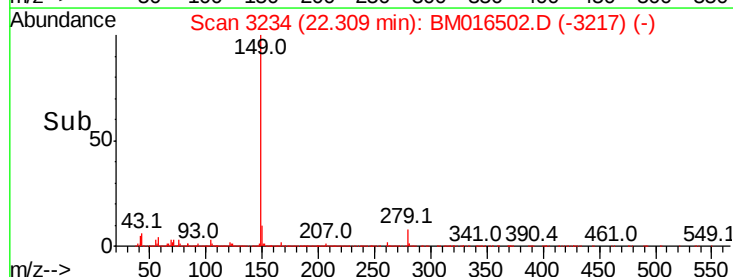
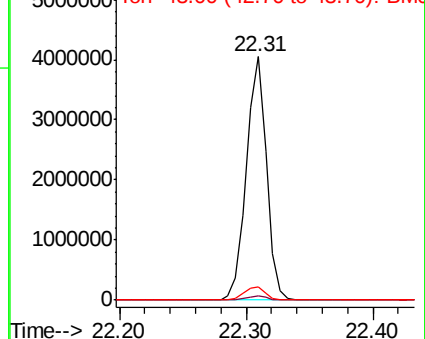
43 5.8 7.3 10.9#

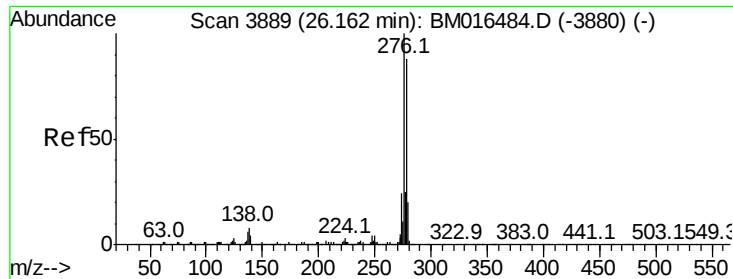


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





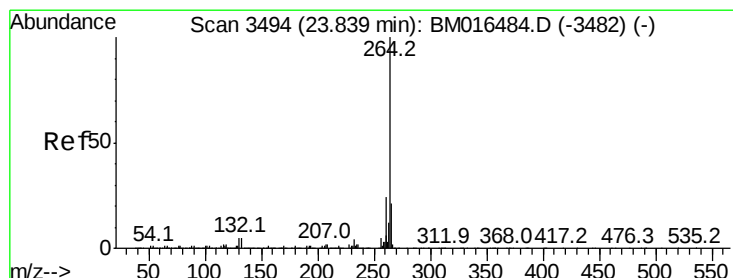
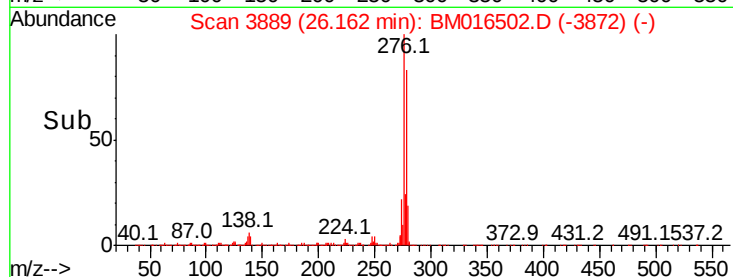
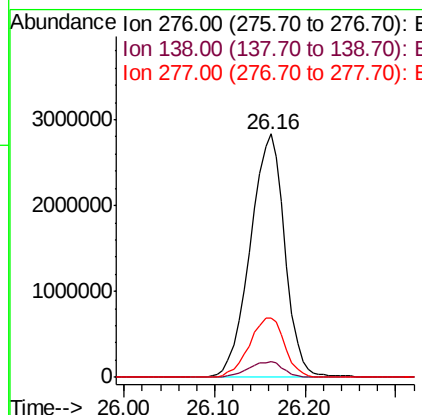
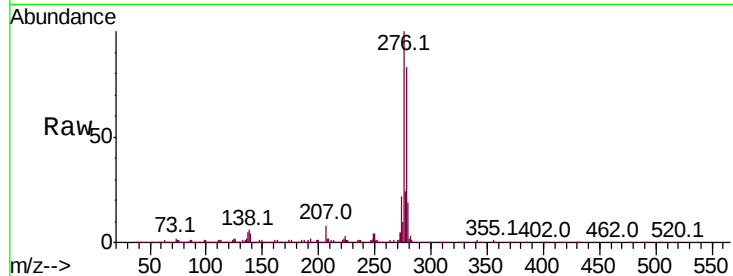
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.235 ng
RT: 26.16 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.6	12.0	18.0#
277	25.2	20.0	30.0

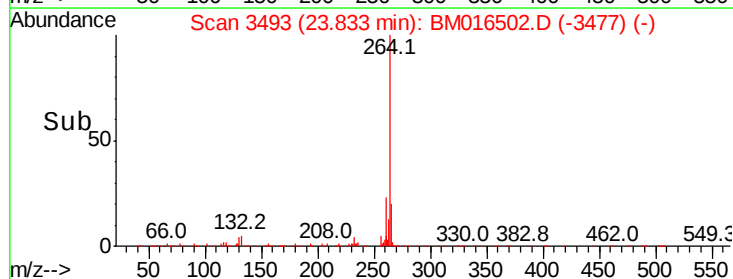
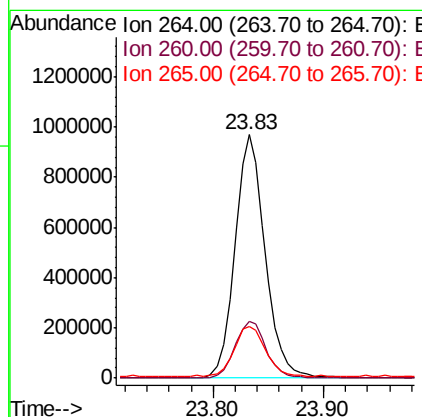
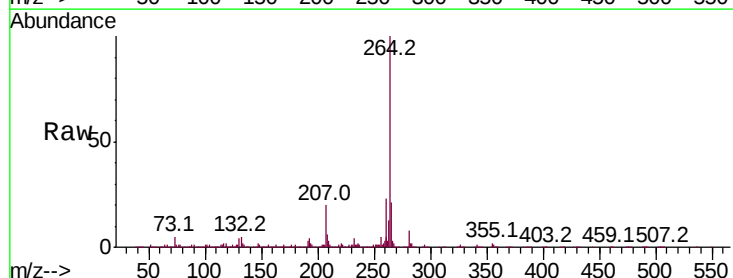
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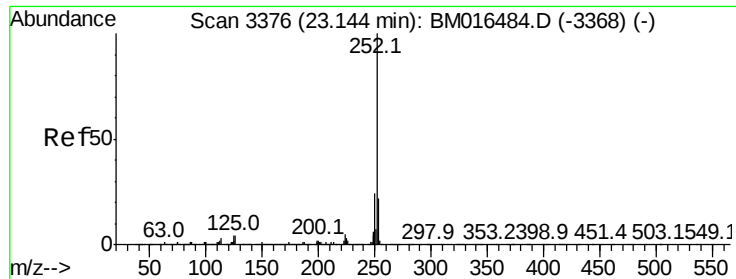
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 63.017 ng

RT: 23.14 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

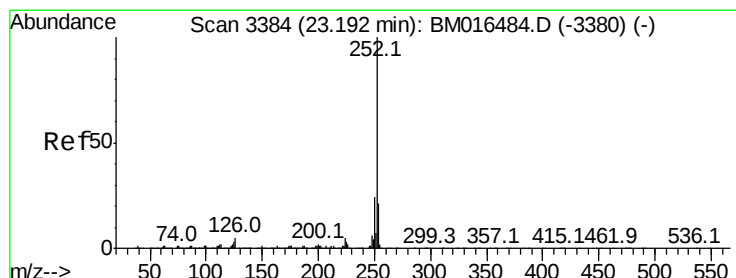
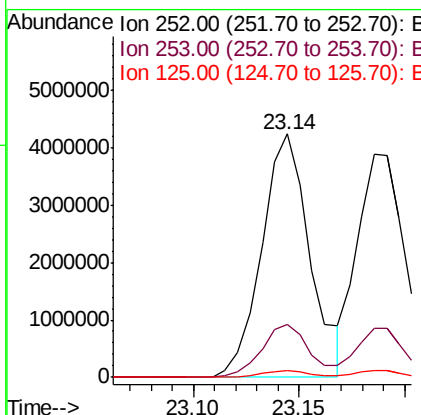
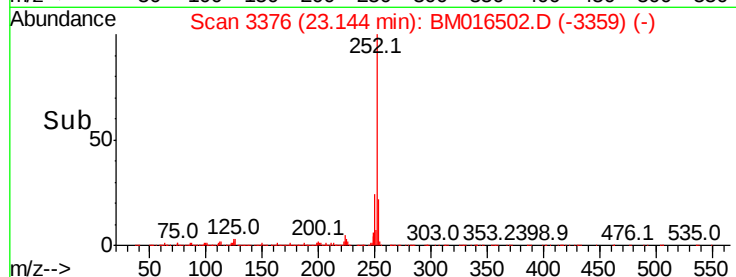
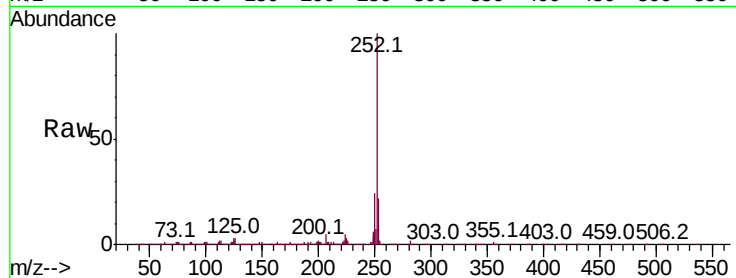
Instrument :
BNA_M

ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	2.7	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 56.394 ng

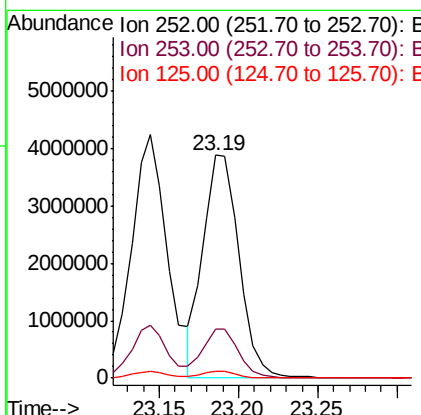
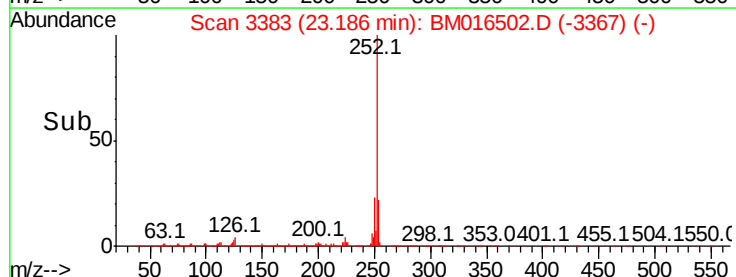
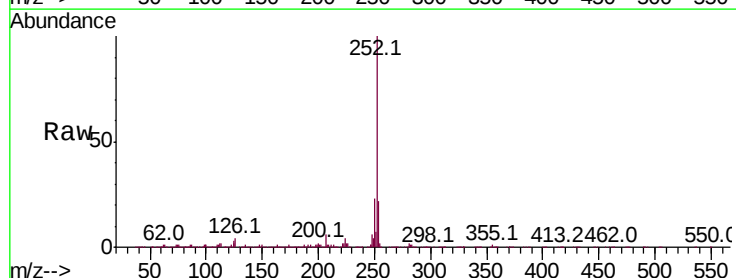
RT: 23.19 min Scan# 3383

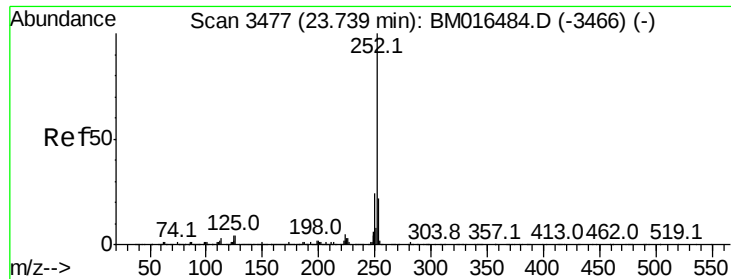
Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	2.9	8.1	12.1





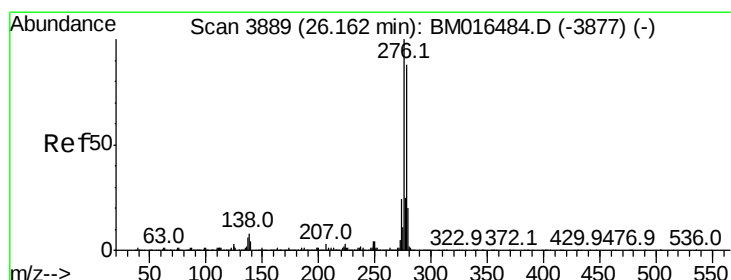
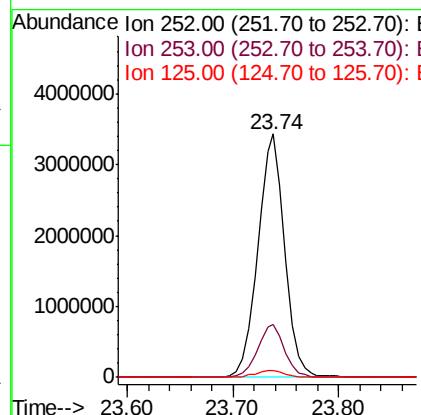
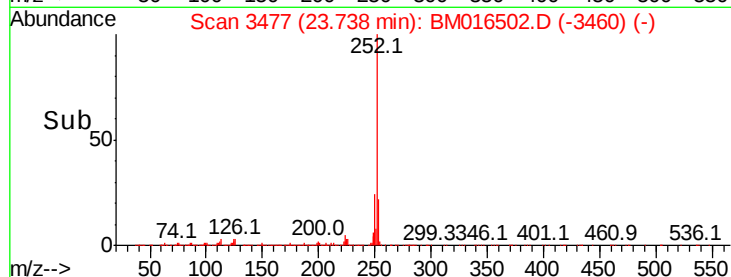
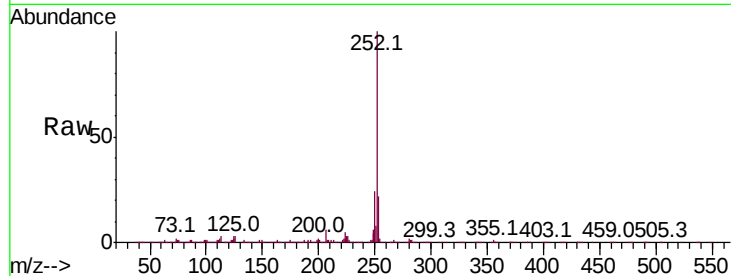
#89
Benzo(a)pyrene
Concen: 58.083 ng
RT: 23.74 min Scan# 3477
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	2.9	7.4	11.2

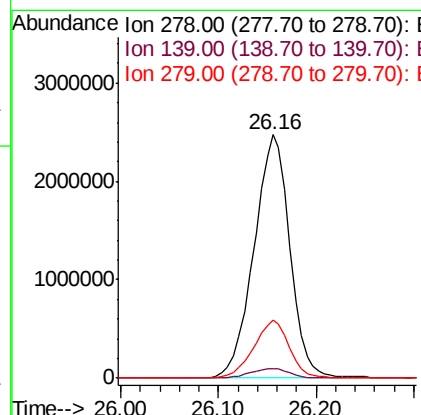
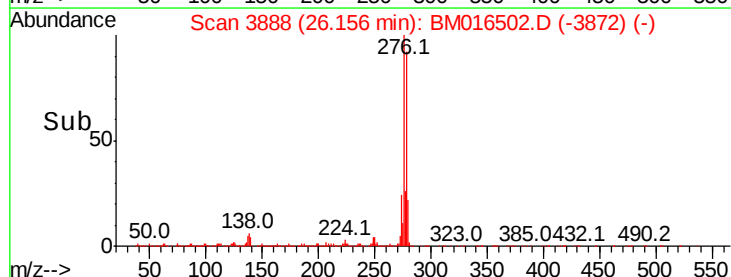
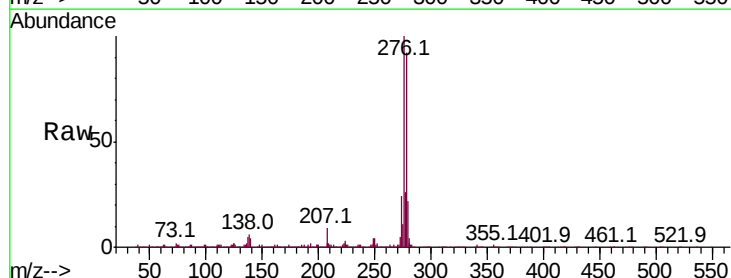
Manual Integrations
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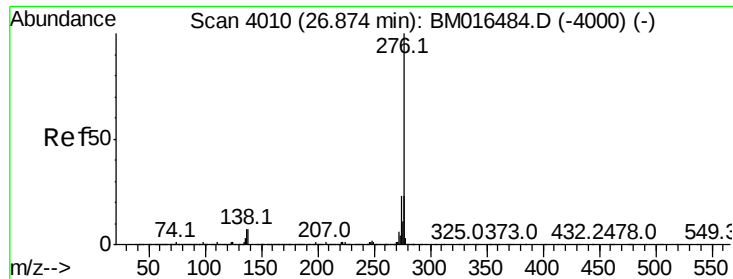
Sohil
8/22/2018 6:07:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 54.692 ng
RT: 26.16 min Scan# 3888
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	4.0	13.4	20.0
279	23.9	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 54.953 ng
RT: 26.87 min Scan# 4010
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	6.0	19.0	28.6

Manual Integrations
APPROVED

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8/22/2018 6:07:03 PM

