

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017407.D
 Acq On : 29 Oct 2018 14:28
 Operator : MJ/SJ
 Sample : J5651-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Manual Integrations
 APPROVED

Sohil
 10/30/2018 4:43:04 PM

Quant Time: Oct 29 15:34:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	311176	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1363322	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	829223	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1967517	20.00	ng	0.00
76) Chrysene-d12	21.24	240	2287695	20.00	ng	0.00
87) Perylene-d12	23.45	264	2127730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2012113	109.36	ng	0.00
7) Phenol-d6	6.84	99	2522625	100.67	ng	0.00
23) Nitrobenzene-d5	8.80	82	1863285	79.93	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	1447776	129.10	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	4546777	72.96	ng	0.00
79) Terphenyl-d14	19.69	244	7661731	75.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	244261	25.999	ng	# 81
3) Pyridine	3.65	79	702585	32.502	ng	90
4) n-Nitrosodimethylamine	3.56	42	366981	42.289	ng	# 72
6) Aniline	6.99	93	458552	14.631	ng	97
8) 2-Chlorophenol	7.22	128	1032621	48.515	ng	99
9) Benzaldehyde	6.80	77	386818	24.211	ng	96
10) Phenol	6.86	94	1075896	39.896	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	914562	42.542	ng	99
12) 1,3-Dichlorobenzene	7.53	146	1005668	40.532	ng	98
13) 1,4-Dichlorobenzene	7.68	146	1036259	40.878	ng	99
14) 1,2-Dichlorobenzene	7.99	146	1004688	41.135	ng	99
15) Benzyl Alcohol	7.90	79	932343	50.904	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.18	45	1216578	40.506	ng	99
17) 2-Methylphenol	8.10	107	863340	49.876	ng	98
18) Hexachloroethane	8.71	117	361843	41.709	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	778640	47.192	ng	97
20) 3+4-Methylphenols	8.43	107	1164163	49.173	ng	98
22) Acetophenone	8.47	105	1543963	44.677	ng	# 99
24) Nitrobenzene	8.85	77	1167609	47.354	ng	96
25) Isophorone	9.37	82	2159684	56.107	ng	99
26) 2-Nitrophenol	9.55	139	583123	50.231	ng	97
27) 2,4-Dimethylphenol	9.62	122	999090	58.699	ng	97
28) bis(2-Chloroethoxy)methane	9.85	93	1331031	49.129	ng	98
29) 2,4-Dichlorophenol	10.08	162	1043326	52.795	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	1024038	43.196	ng	99
31) Naphthalene	10.47	128	3196905	47.850	ng	100
32) Benzoic acid	9.79	122	655589m	51.623	ng	
33) 4-Chloroaniline	10.60	127	117112	4.059	ng	97
34) Hexachlorobutadiene	10.75	225	615776	40.994	ng	99
35) Caprolactam	11.41	113	267454m	37.136	ng	
36) 4-Chloro-3-methylphenol	11.73	107	1169447	52.499	ng	98
37) 2-Methylnaphthalene	12.09	142	2472057	54.071	ng	99
38) 1-Methylnaphthalene	12.32	142	2353024	52.880	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	1246926	42.699	ng	99

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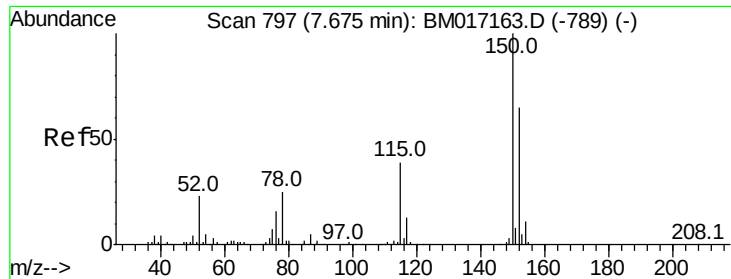
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1416707	100.351	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	882502	52.059	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	955904	52.585	ng	99
46) 1,1'-Biphenyl	13.12	154	3159727	42.343	ng	100
47) 2-Chloronaphthalene	13.16	162	2448419	44.600	ng	98
48) 2-Nitroaniline	13.38	65	732004	47.293	ng	93
49) Acenaphthylene	14.02	152	4109585	51.646	ng	100
50) Dimethylphthalate	13.77	163	3208191	50.148	ng	100
51) 2,6-Dinitrotoluene	13.89	165	728803	51.759	ng	98
52) Acenaphthene	14.36	154	2402072	48.078	ng	98
53) 3-Nitroaniline	14.22	138	280059	18.365	ng	96
54) 2,4-Dinitrophenol	14.43	184	884773	104.322	ng	97
55) Dibenzofuran	14.70	168	3865602	46.526	ng	100
56) 4-Nitrophenol	14.55	139	1649021	116.367	ng	99
57) 2,4-Dinitrotoluene	14.68	165	1039896	54.948	ng	99
58) Fluorene	15.35	166	3196121	51.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	917285	55.358	ng	100
60) Diethylphthalate	15.14	149	3281163	51.717	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1602952	45.721	ng	97
62) 4-Nitroaniline	15.39	138	718057	42.767	ng	97
63) Azobenzene	15.64	77	3046767	49.407	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	623592	49.158	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2868706	48.192	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	1056222	48.891	ng	98
68) Hexachlorobenzene	16.35	284	1132422	45.126	ng	99
69) Atrazine	16.53	200	1082766	50.822	ng	98
70) Pentachlorophenol	16.70	266	1473627	85.723	ng	99
71) Phenanthrene	17.09	178	5172623	48.728	ng	100
72) Anthracene	17.18	178	5313362	52.678	ng	100
73) Carbazole	17.46	167	4961016	48.149	ng	100
74) Di-n-butylphthalate	18.02	149	5843878	53.775	ng	99
75) Fluoranthene	19.11	202	6300739	52.747	ng	99
77) Benzidine	19.31	184	1464994	25.255	ng	99
78) Pyrene	19.47	202	6392964	50.000	ng	100
80) Butylbenzylphthalate	20.39	149	2883024	57.572	ng	95
81) Benzo(a)anthracene	21.23	228	6548664	50.868	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	940404	19.600	ng	98
83) Chrysene	21.28	228	6162294	48.360	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	4130044	54.653	ng	97
85) Di-n-octyl phthalate	22.04	149	7245077	56.352	ng	99
86) Indeno(1,2,3-cd)pyrene	25.66	276	5700060	39.994	ng	99
88) Benzo(b)fluoranthene	22.80	252	6302138	54.174	ng	99
89) Benzo(k)fluoranthene	22.84	252	6098859	52.248	ng	99
90) Benzo(a)pyrene	23.36	252	5785457	52.380	ng	100
91) Dibenzo(a,h)anthracene	25.67	278	4877807	44.475	ng	100
92) Benzo(g,h,i)perylene	26.33	276	4547271	41.833	ng	100

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



#1

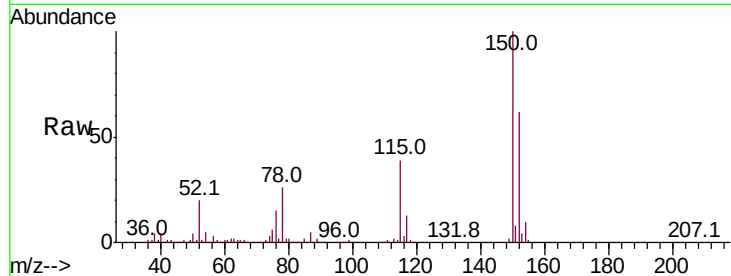
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

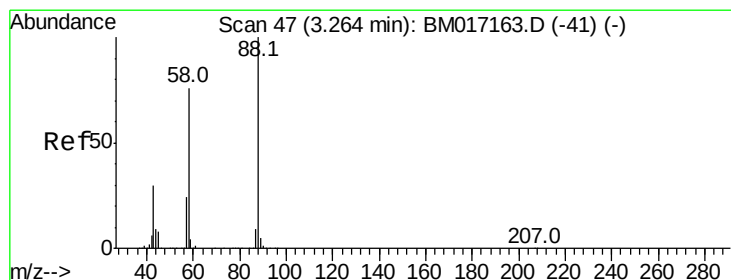
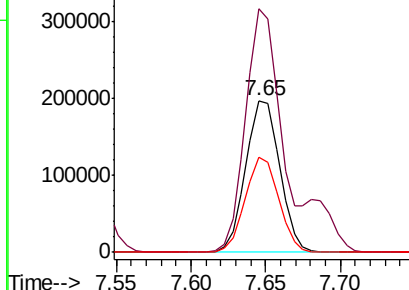
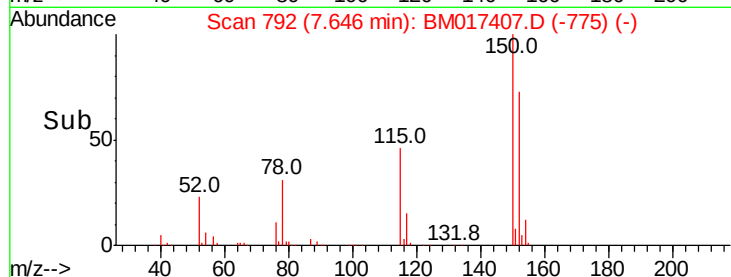
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.3	186.5
115	62.3	48.1	72.1

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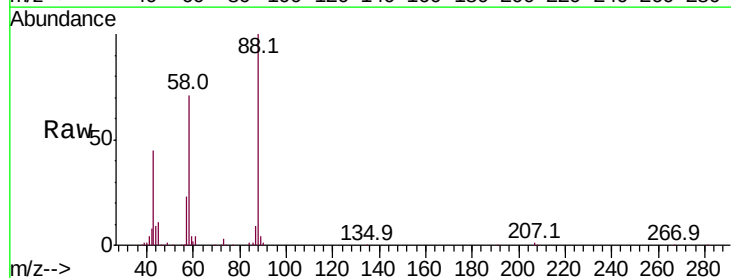
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



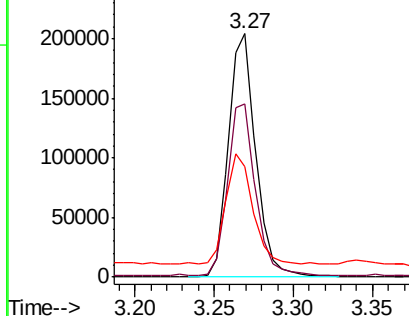
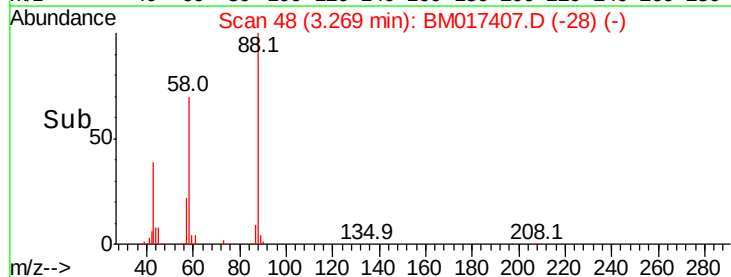
#2

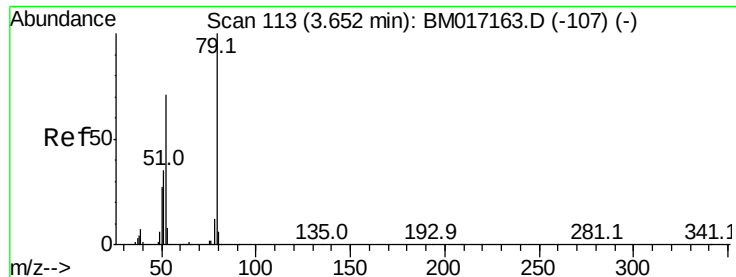
1,4-Dioxane
Concen: 25.999 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.02 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	50.2	75.4
43	44.6	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 32.502 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.02 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

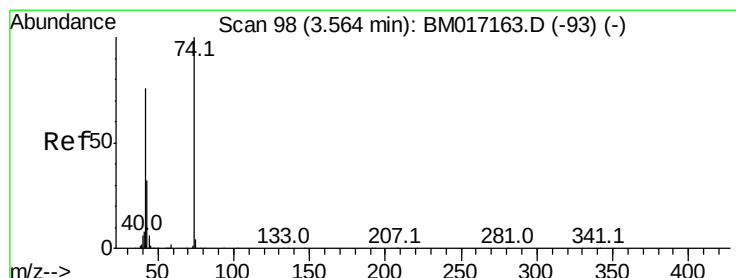
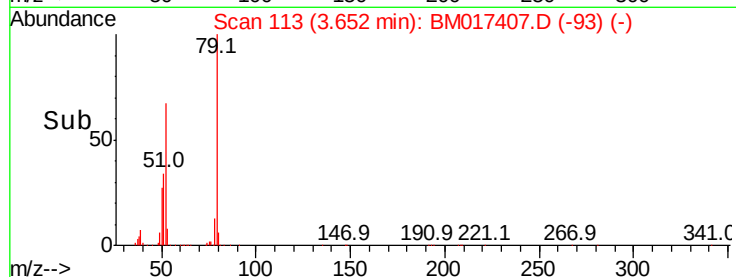
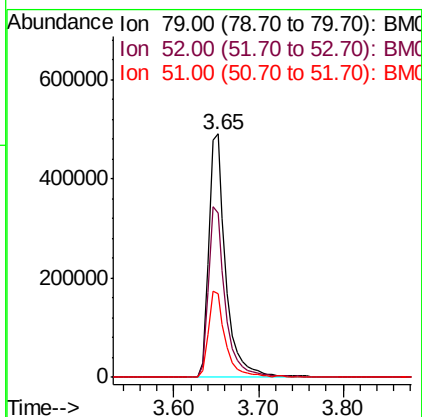
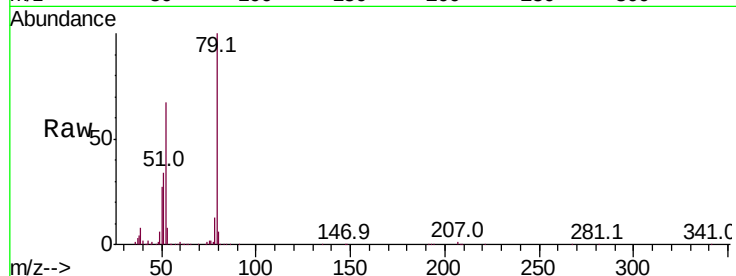
ClientSampleId :

RBR-200030MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.4	46.5	69.7
51	34.4	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 42.289 ng

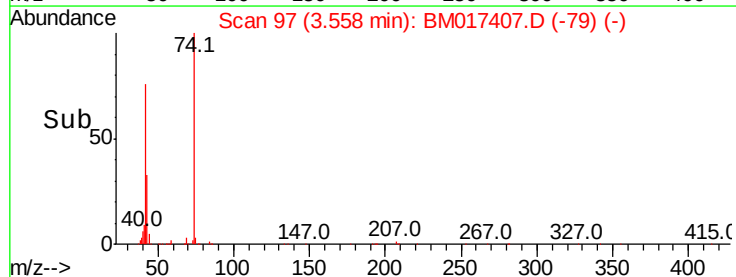
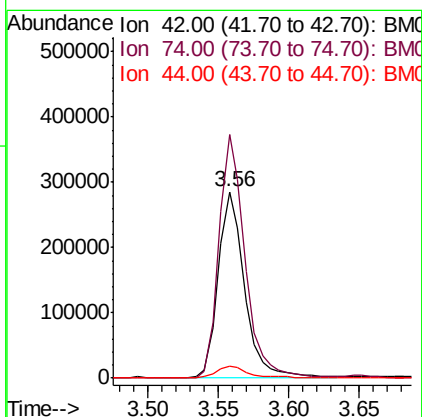
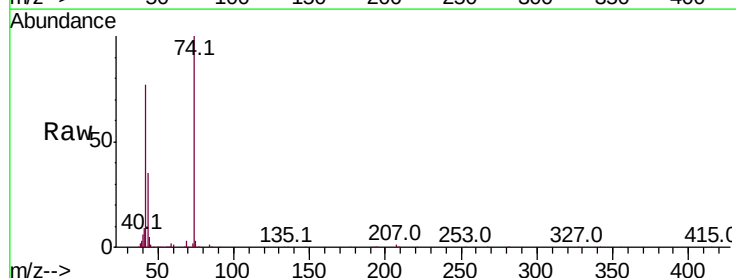
RT: 3.56 min Scan# 97

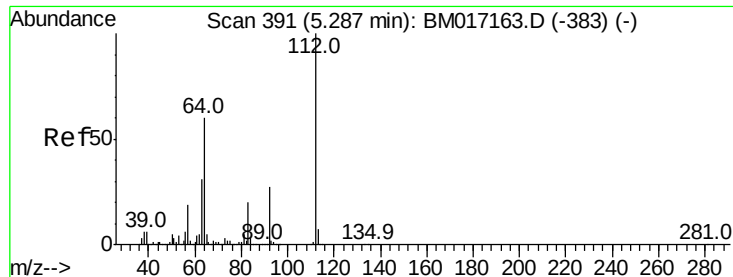
Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.7	114.4	171.6
44	6.7	48.6	73.0#





#5

2-Fluorophenol

Concen: 109.364 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:112 Resp: 2012113

Ion Ratio Lower Upper

112 100

64 58.0 41.7 62.5

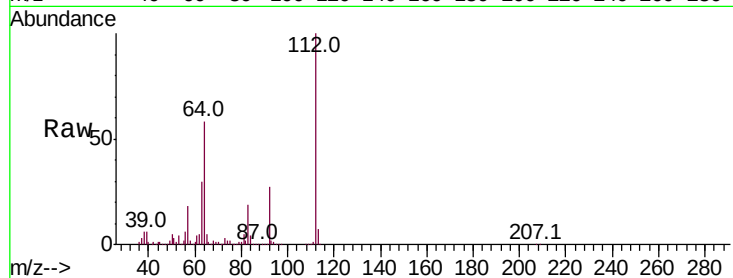
63 30.3 23.0 34.4

Manual Integrations

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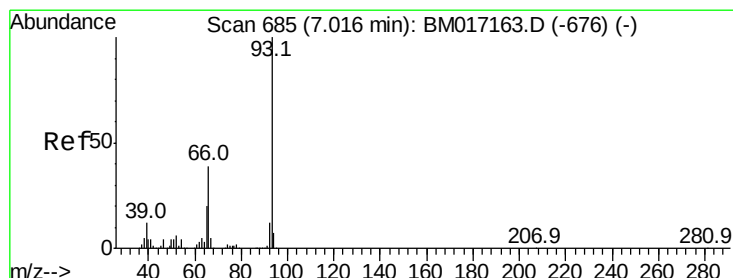
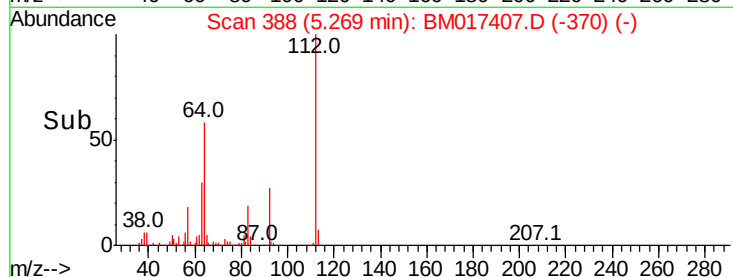
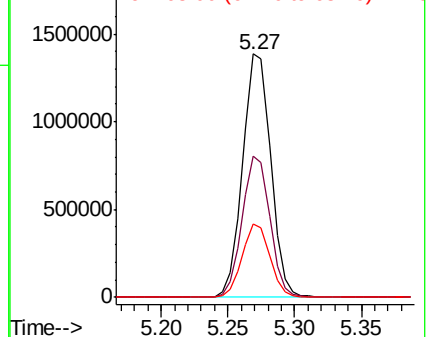
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 14.631 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

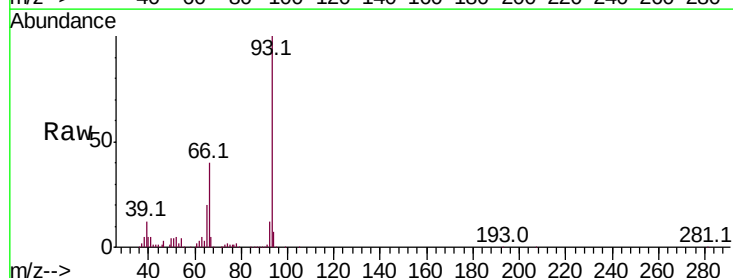
Tgt Ion: 93 Resp: 458552

Ion Ratio Lower Upper

93 100

66 40.3 30.4 45.6

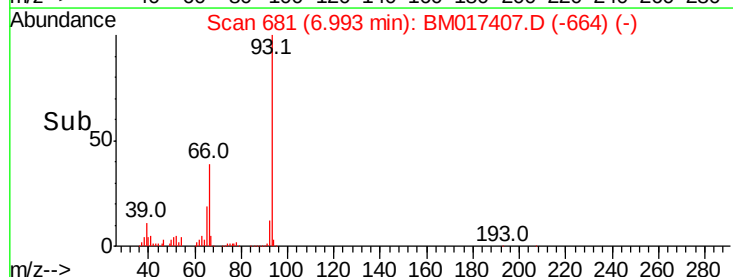
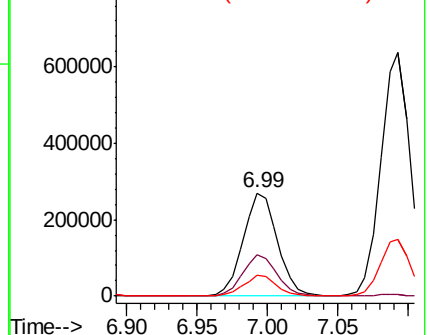
65 19.7 15.3 22.9

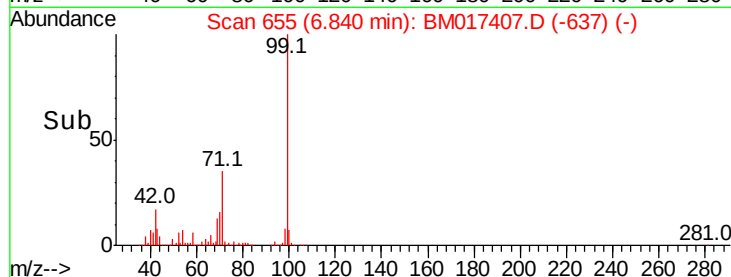
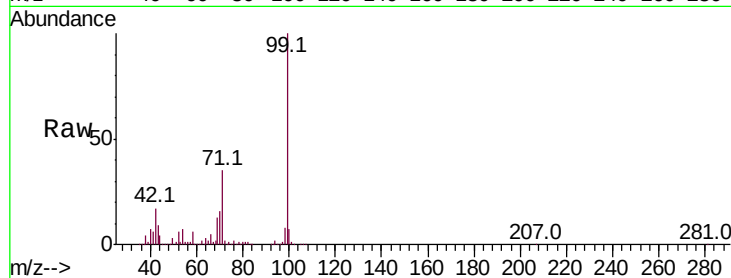
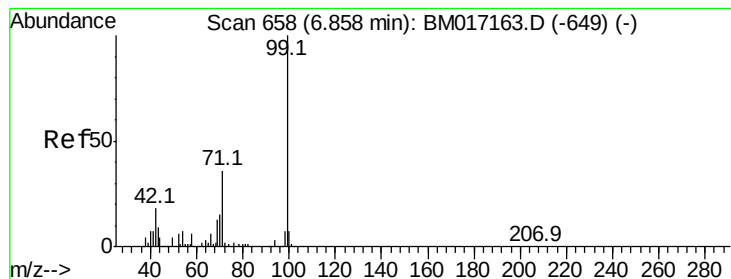


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 100.674 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Tot Ion: 99 Resp: 2522625

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

71 35.1 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

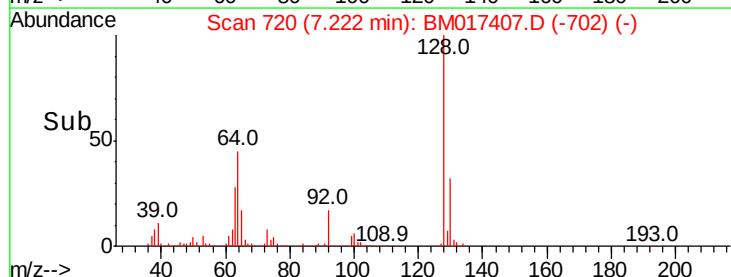
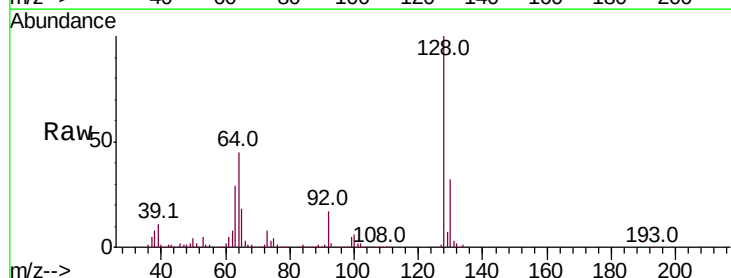
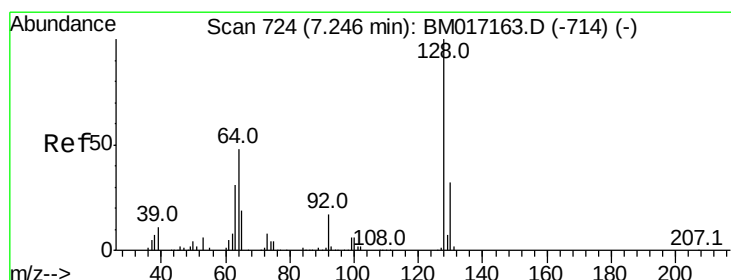
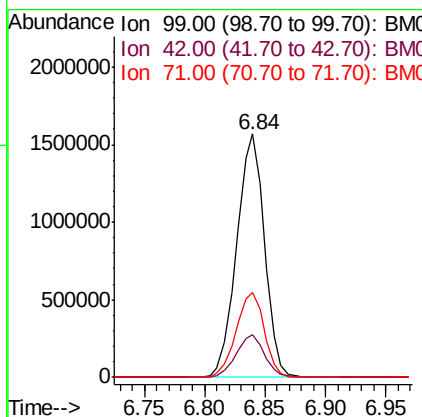
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#8

2-Chlorophenol

Concen: 48.515 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

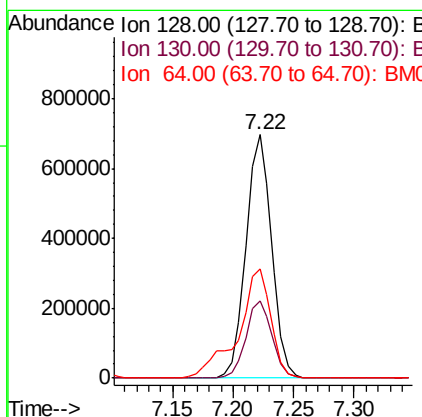
Tgt Ion:128 Resp: 1032621

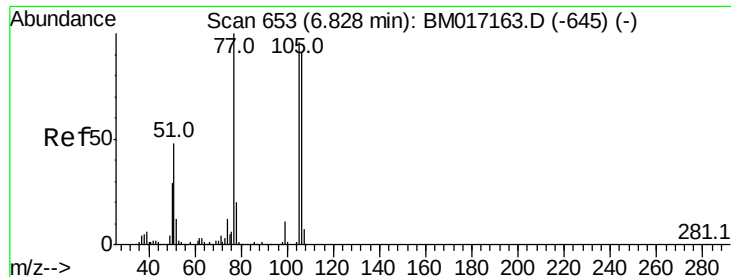
Ion Ratio Lower Upper

128 100

130 31.8 11.0 51.0

64 44.9 24.1 64.1





#9

Benzaldehyde

Concen: 24.211 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

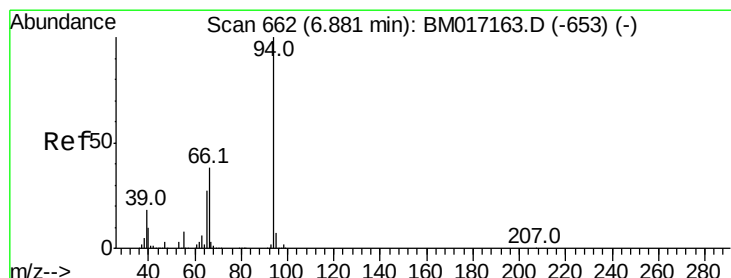
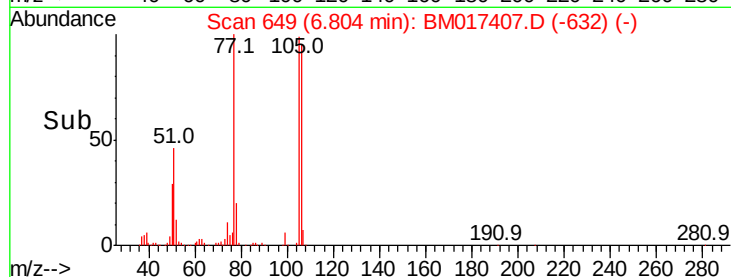
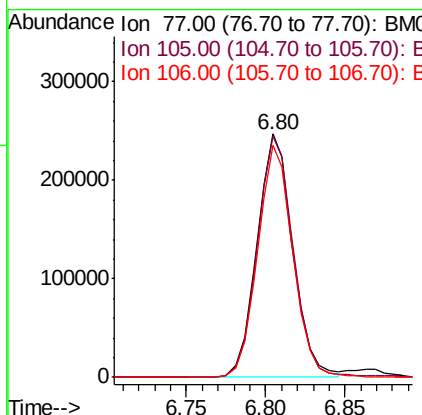
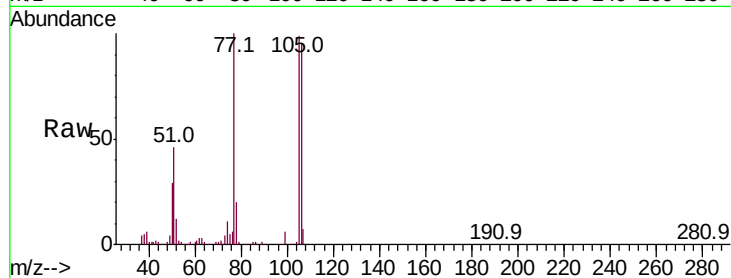
ClientSampleId :

RBR-200030MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.9	83.9	123.9
106	95.2	78.2	118.2

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#10

Phenol

Concen: 39.896 ng

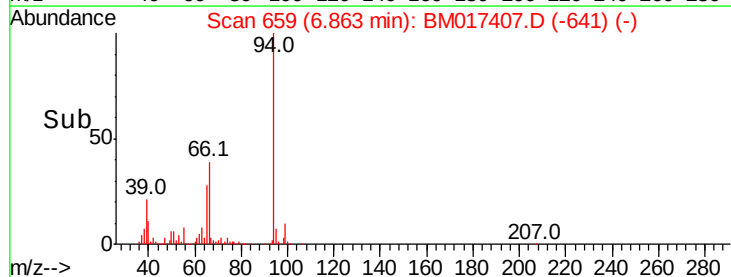
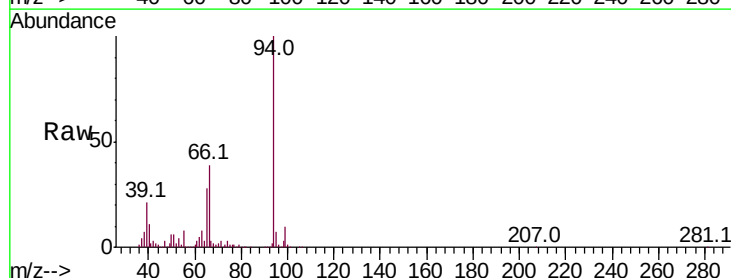
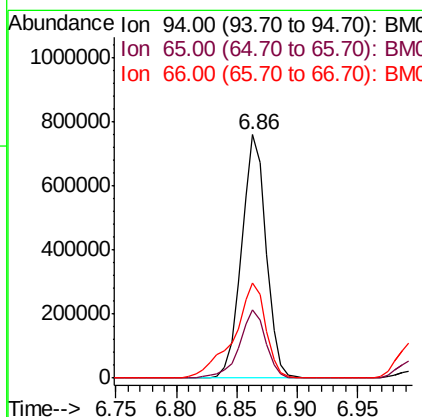
RT: 6.86 min Scan# 659

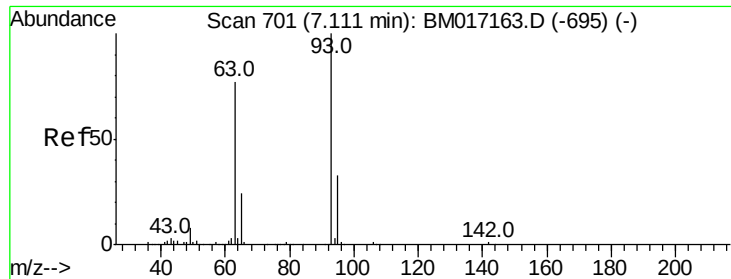
Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.9	9.4	49.4
66	39.2	19.0	59.0





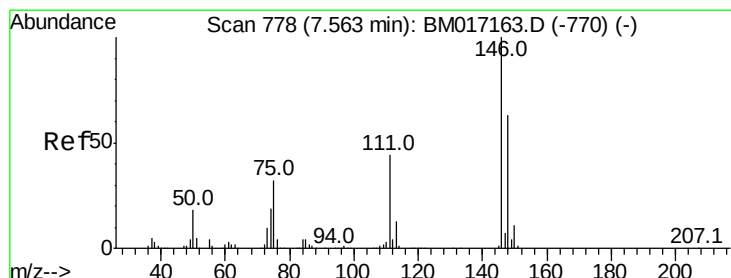
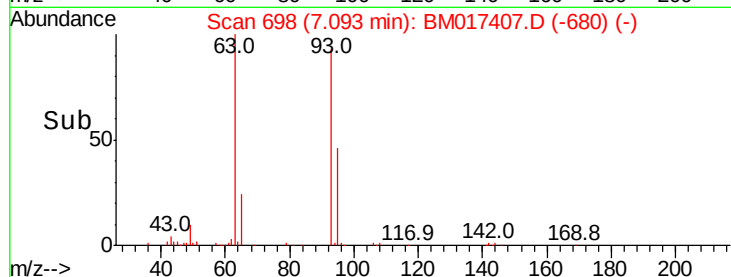
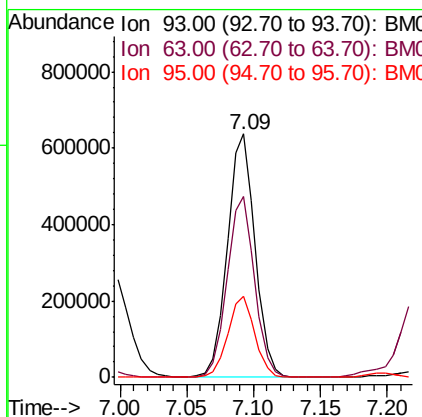
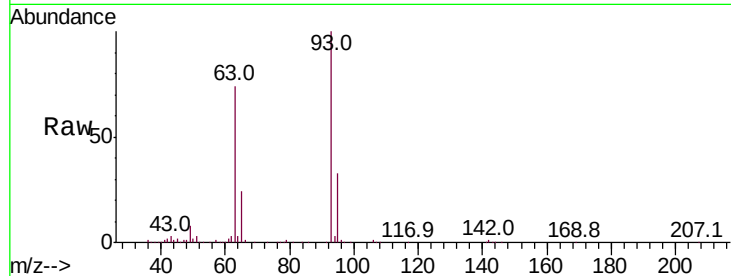
#11
bis(2-Chloroethyl)ether
Concen: 42.542 ng
RT: 7.09 min Scan# 698
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.0	94.0
95	33.3	11.8	51.8

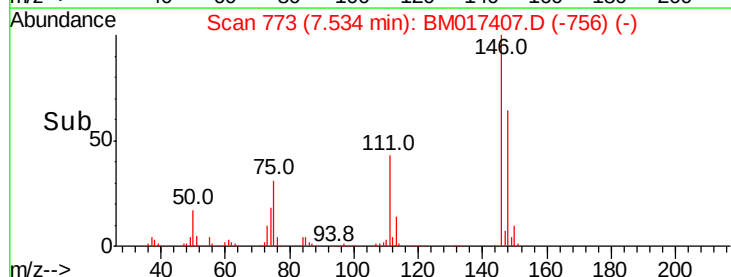
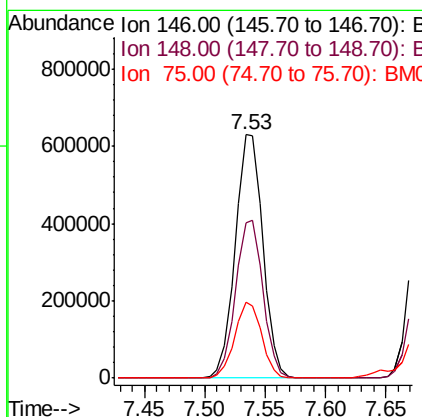
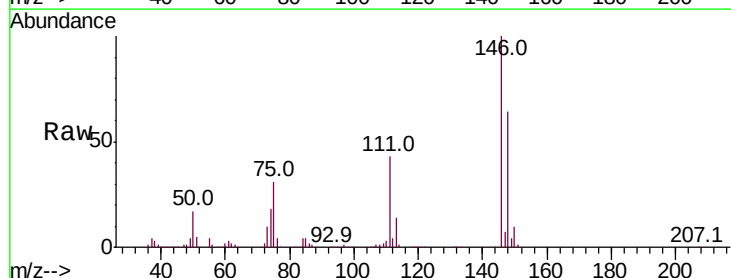
Manual Integrations
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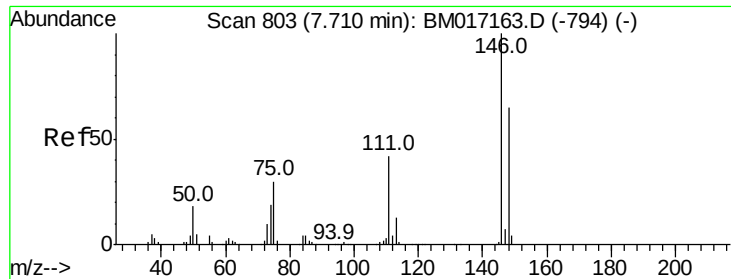
Sohil
10/30/2018 4:43:04 PM



#12
1,3-Dichlorobenzene
Concen: 40.532 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.4
75	31.0	23.3	34.9





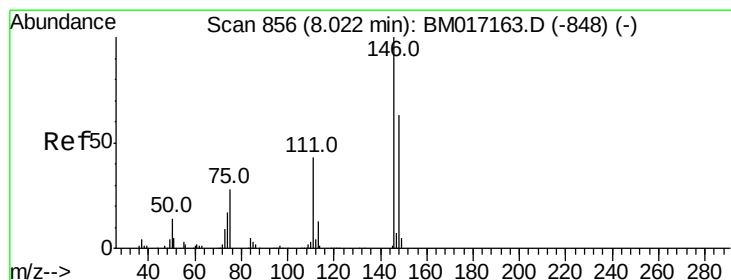
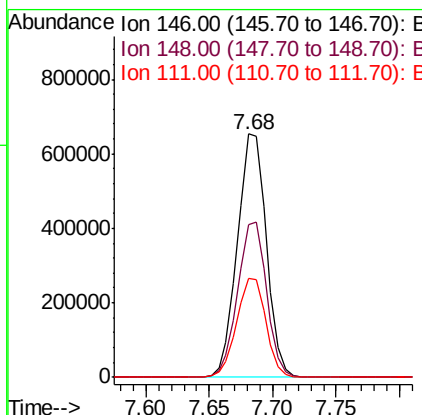
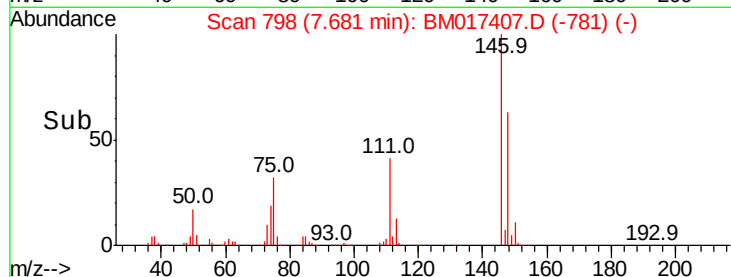
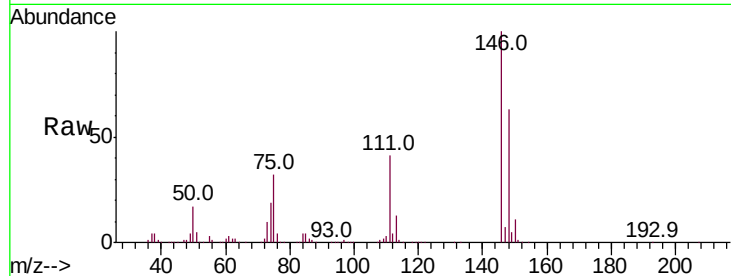
#13
1,4-Dichlorobenzene
Concen: 40.878 ng
RT: 7.68 min Scan# 798
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion:146 Resp: 1036259
Ion Ratio Lower Upper
146 100
148 62.7 49.8 74.6
111 40.9 32.1 48.1

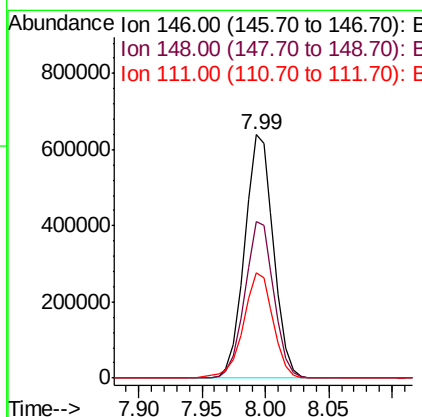
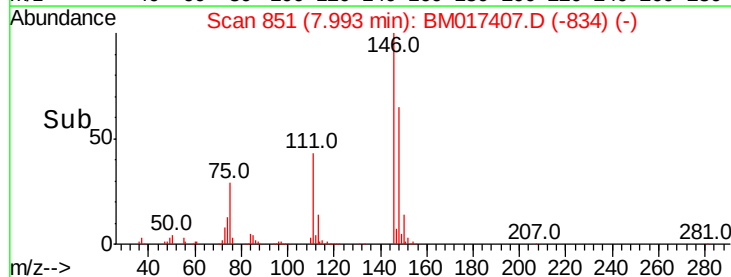
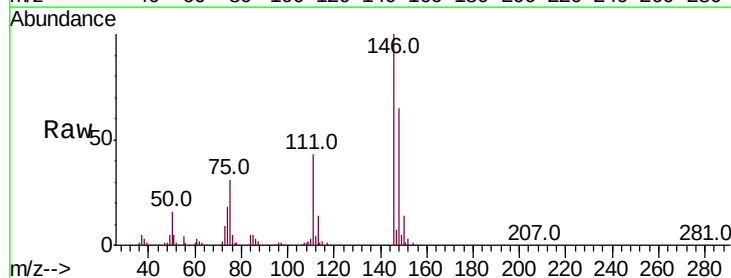
Manual Integrations
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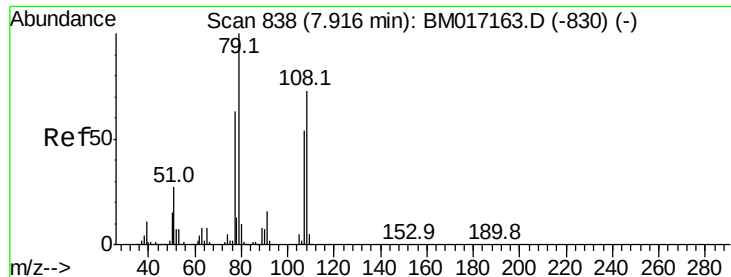
Sohil
10/30/2018 4:43:04 PM



#14
1,2-Dichlorobenzene
Concen: 41.135 ng
RT: 7.99 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion:146 Resp: 1004688
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 43.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 50.904 ng

RT: 7.90 min Scan# 835

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

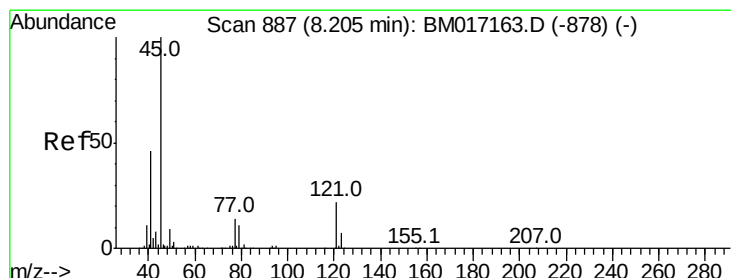
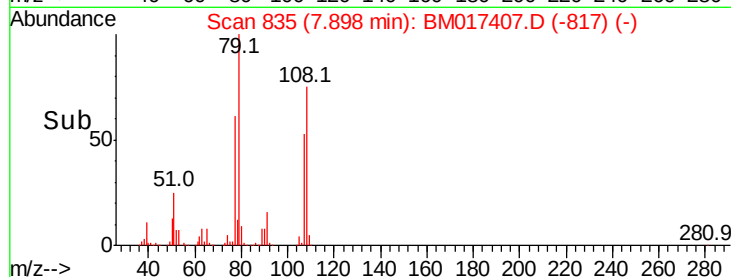
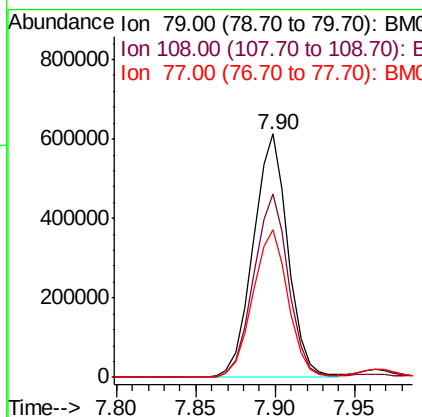
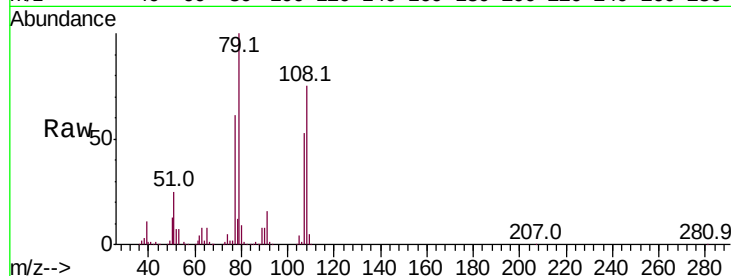
ClientSampleId :

RBR-200030MS

Tot Ion:	79	Resp:	932343
Ion Ratio	Lower	Upper	
79	100		
108	75.1	60.3	90.5
77	60.8	54.8	82.2

Manual Integrations
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Sohil
10/30/2018 4:43:04 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.506 ng

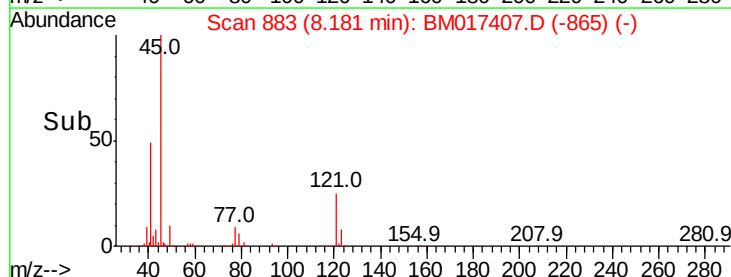
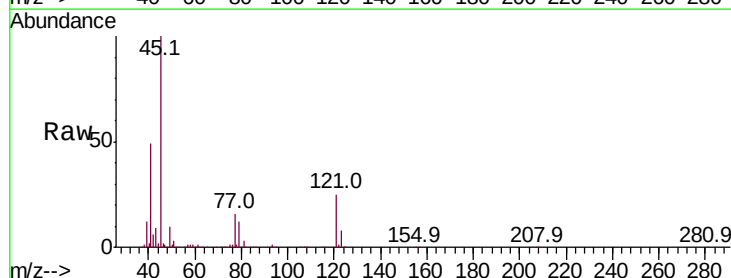
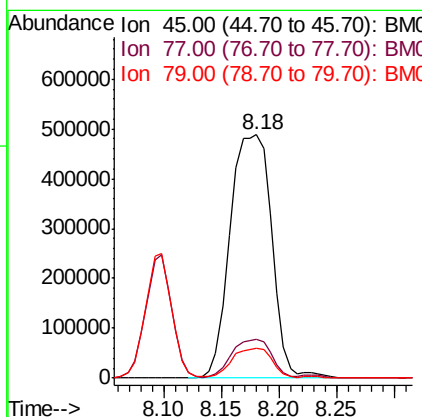
RT: 8.18 min Scan# 883

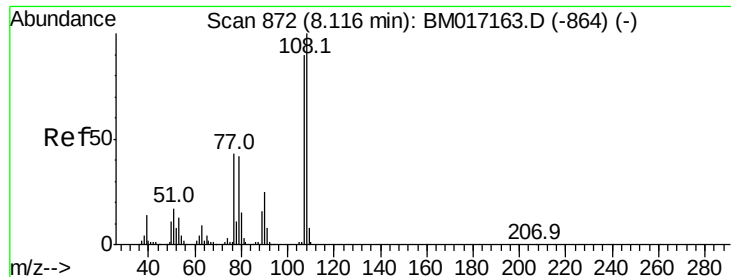
Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Tgt Ion:	45	Resp:	1216578
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	35.5
79	12.3	0.0	32.1





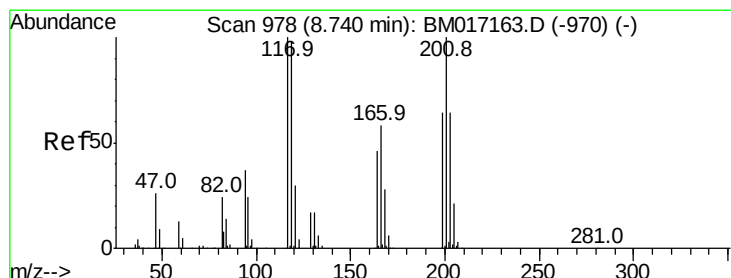
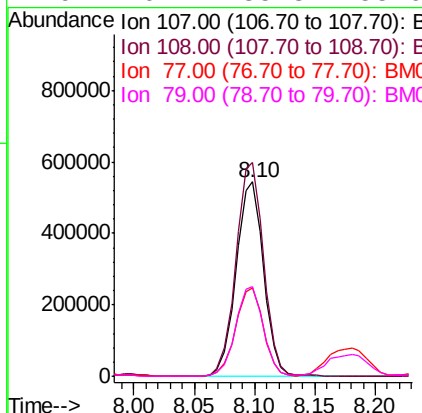
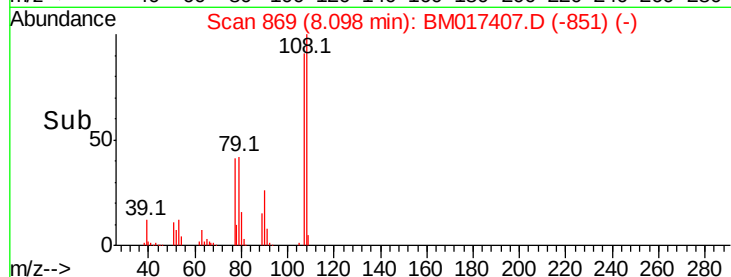
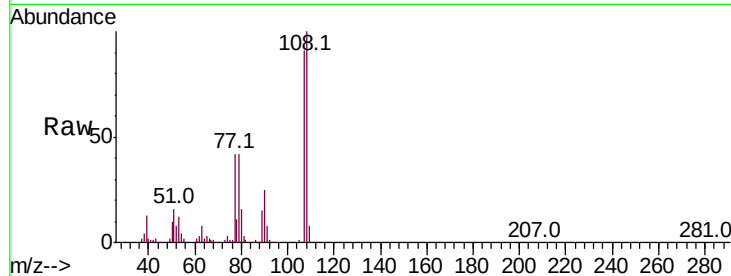
#17
2-Methylphenol
Concen: 49.876 ng
RT: 8.10 min Scan# 869
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	90.3	135.5	
77	45.8	37.0	55.4	
79	46.2	35.8	53.6	

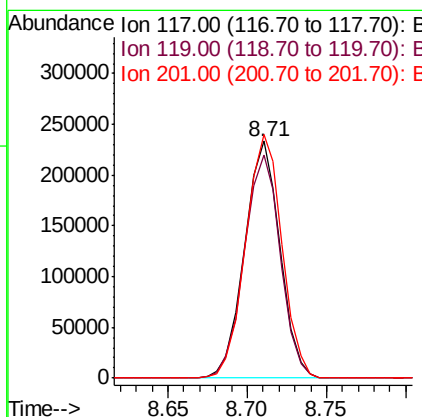
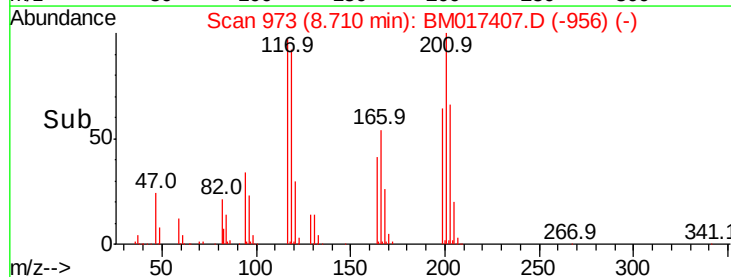
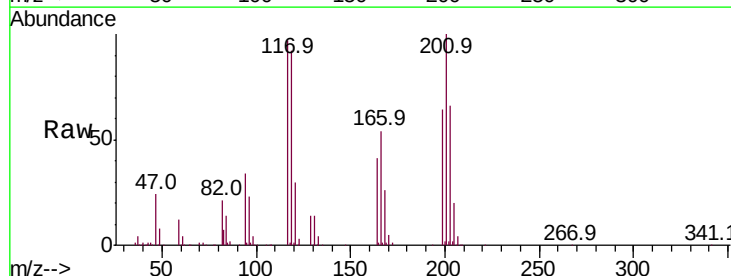
Manual Integrations
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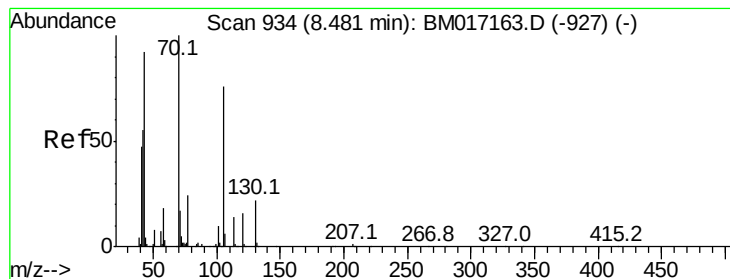
Sohil
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#18
Hexachloroethane
Concen: 41.709 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	78.2	117.2	
201	102.7	85.3	127.9	





#19

n-Nitroso-di-n-propylamine

Concen: 47.192 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion: 70 Resp: 778640

Ion Ratio Lower Upper

70 100

42 54.1 46.1 69.1

101 10.6 8.2 12.4

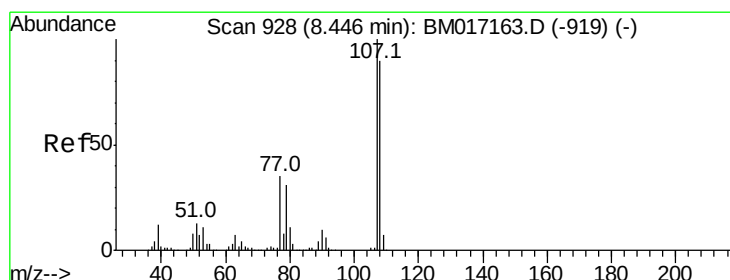
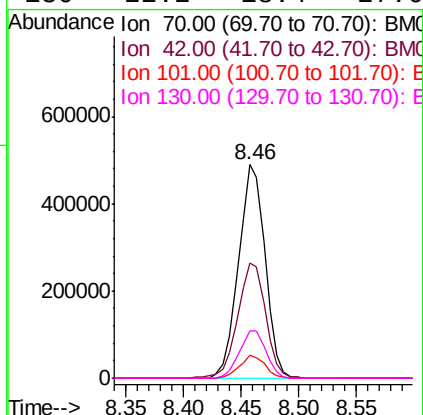
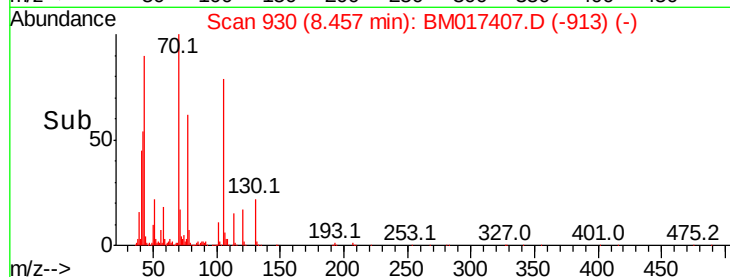
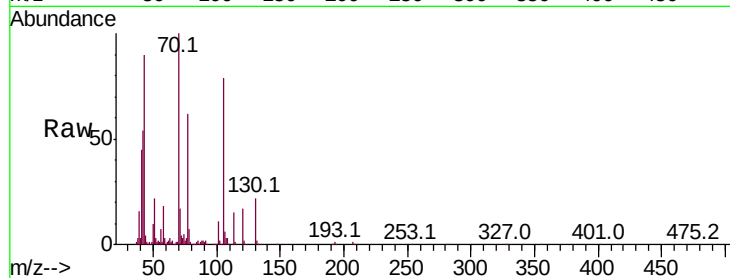
130 22.2 18.4 27.6

Manual Integrations

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#20

3+4-Methylphenols

Concen: 49.173 ng

RT: 8.43 min Scan# 925

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Tgt Ion: 107 Resp: 1164163

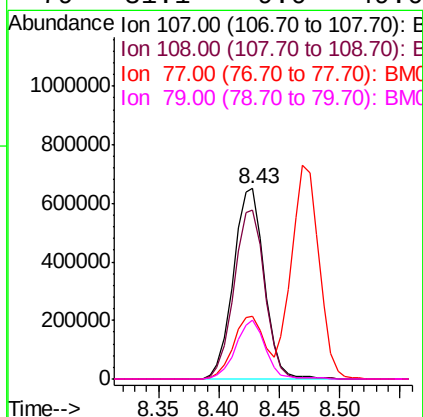
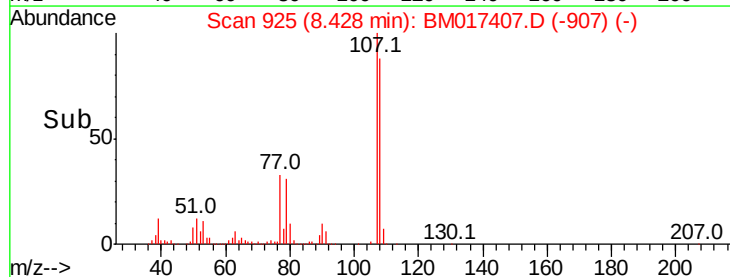
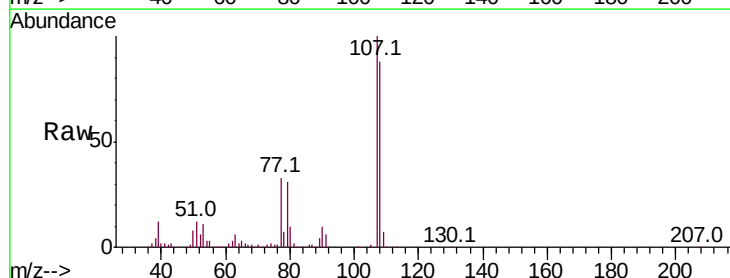
Ion Ratio Lower Upper

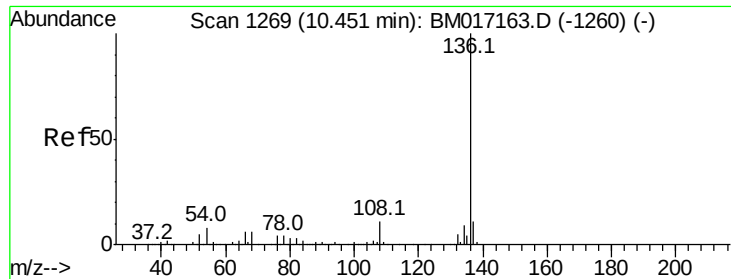
107 100

108 88.5 69.9 109.9

77 32.7 12.2 52.2

79 31.1 9.0 49.0





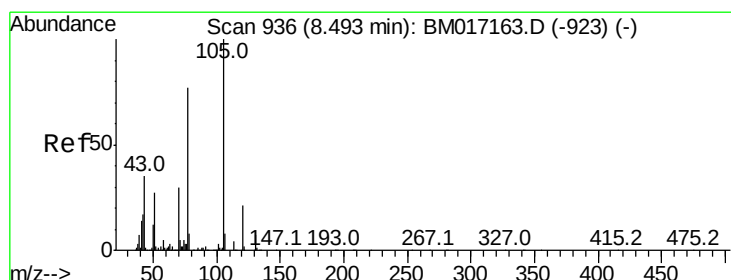
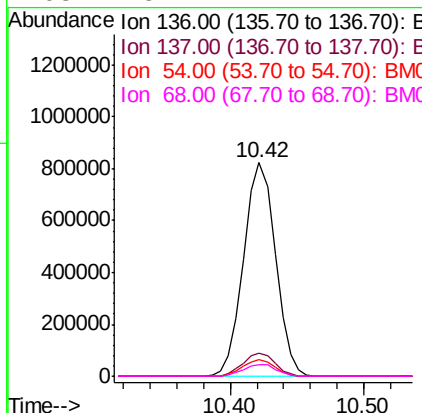
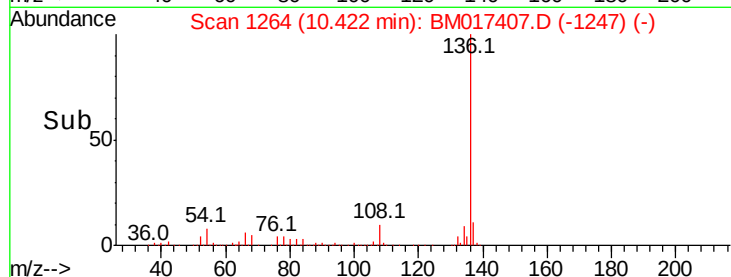
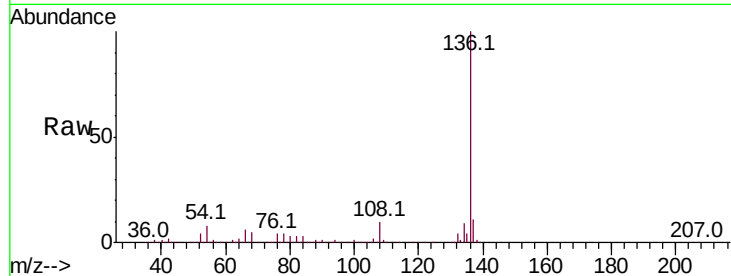
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	136	Resp	1363322
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.7	6.7	10.1
68	5.4	4.7	7.1

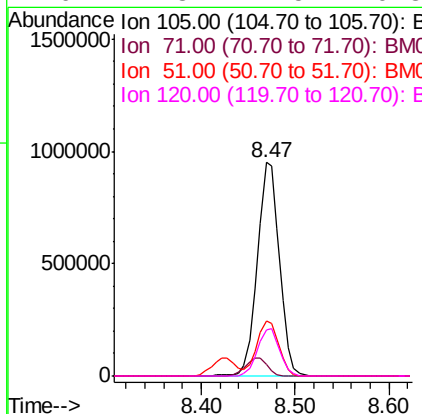
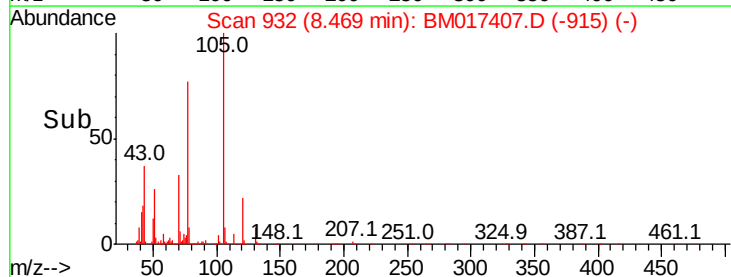
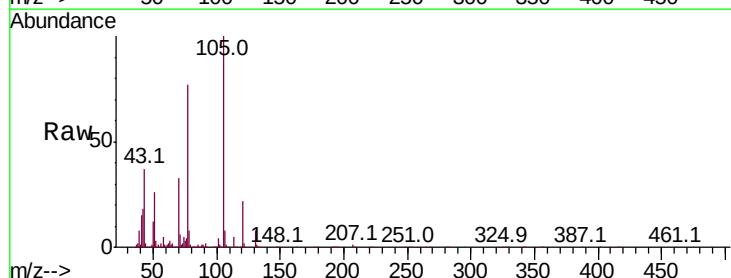
Manual Integrations
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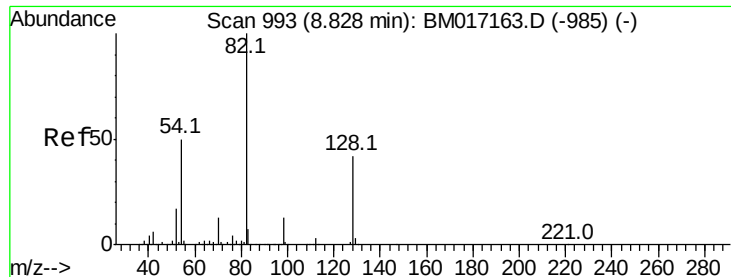
Sohil
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#22
Acetophenone
Concen: 44.677 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	105	Resp	1543963
Ion	Ratio	Lower	Upper
105	100		
71	5.5	2.0	3.0#
51	26.0	20.6	31.0
120	21.8	17.5	26.3





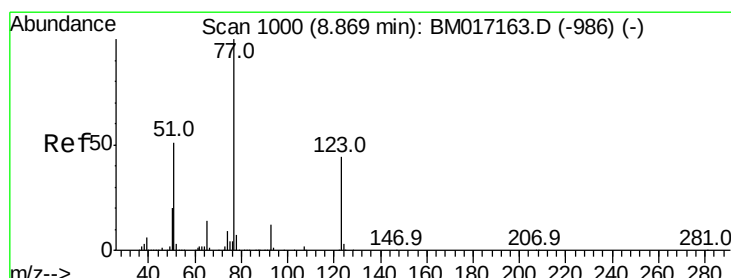
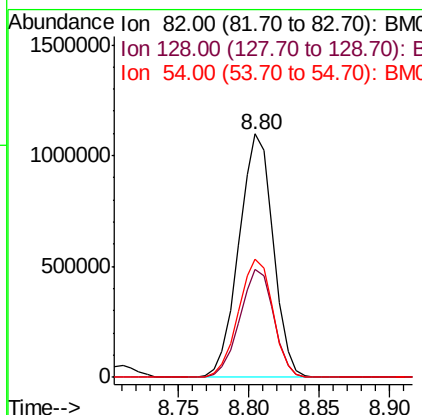
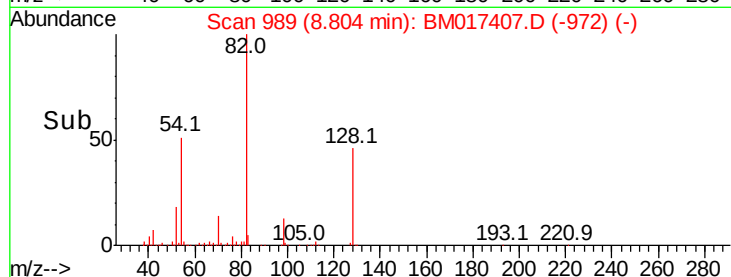
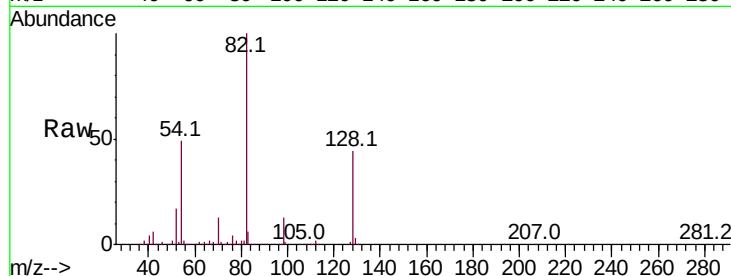
#23
Nitrobenzene-d5
Concen: 79.934 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.6
54	48.8	40.7	61.1

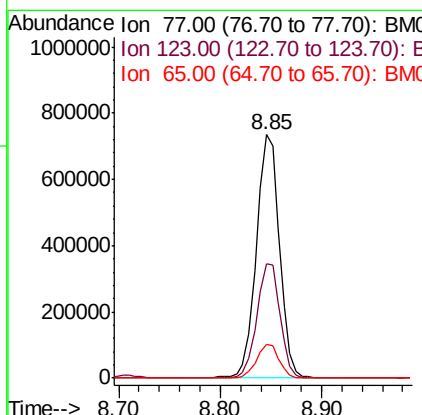
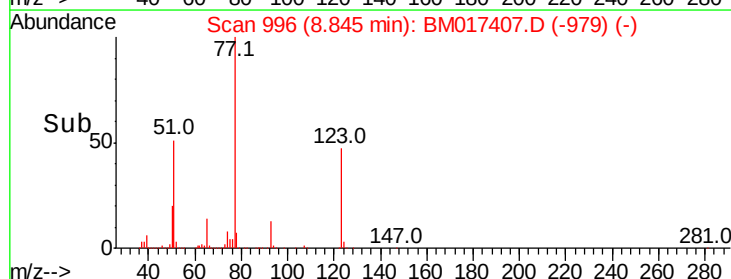
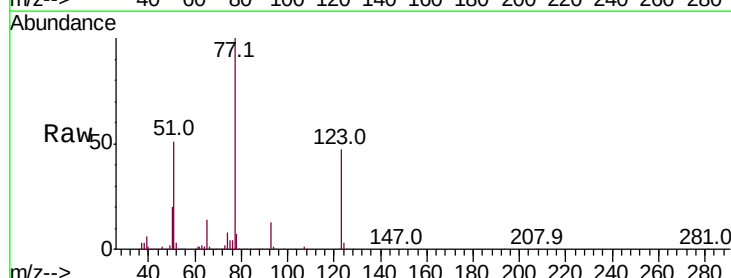
Manual Integrations
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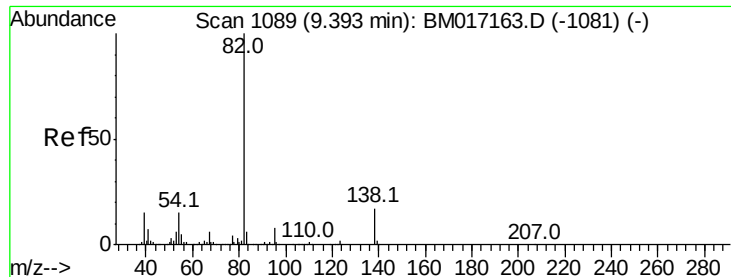
Sohil
10/30/2018 4:43:04 PM



#24
Nitrobenzene
Concen: 47.354 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	40.2	60.4
65	13.7	11.4	17.0





#25

Isophorone

Concen: 56.107 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion: 82 Resp: 2159684

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

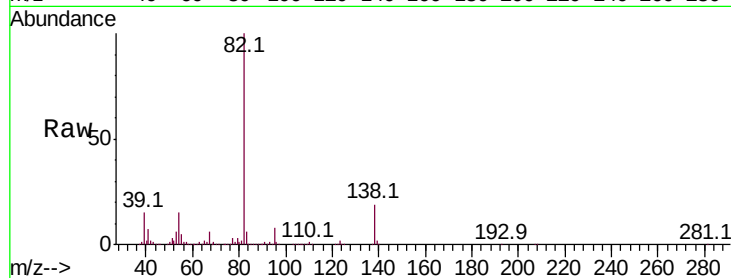
138 18.8 15.4 23.2

Manual Integrations

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Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1081) (-)

9.37

1500000

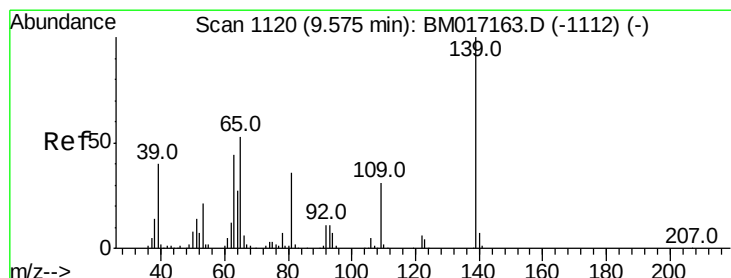
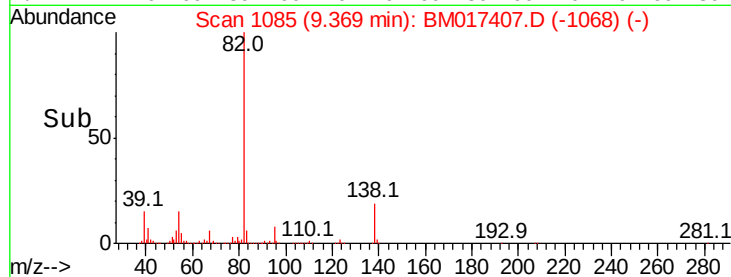
1000000

500000

0

9.30 9.35 9.40 9.45

Time-->



#26

2-Nitrophenol

Concen: 50.231 ng

RT: 9.55 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

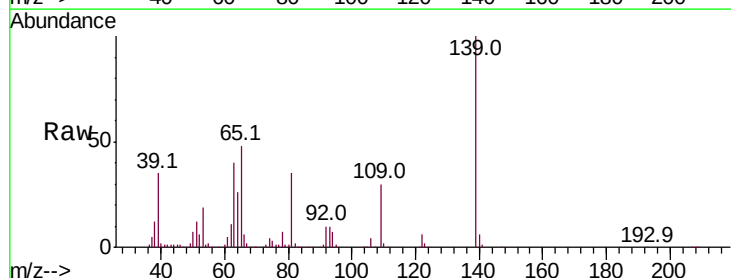
Tgt Ion: 139 Resp: 583123

Ion Ratio Lower Upper

139 100

109 29.7 23.2 34.8

65 48.4 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1112) (-)

9.55

400000

300000

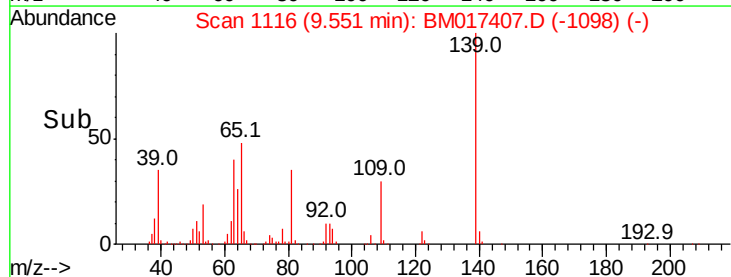
200000

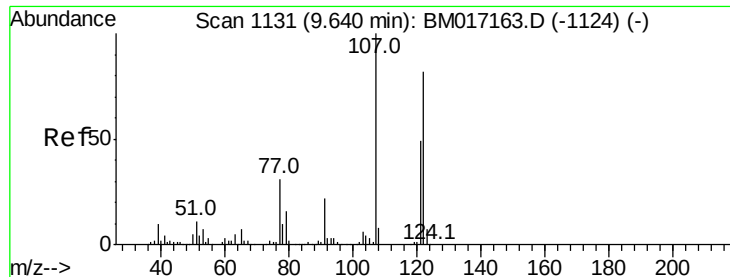
100000

0

9.45 9.50 9.55 9.60 9.65

Time-->





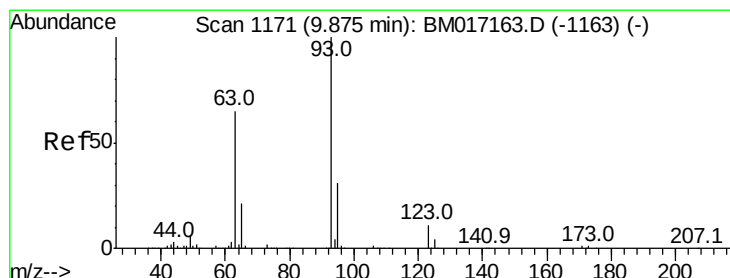
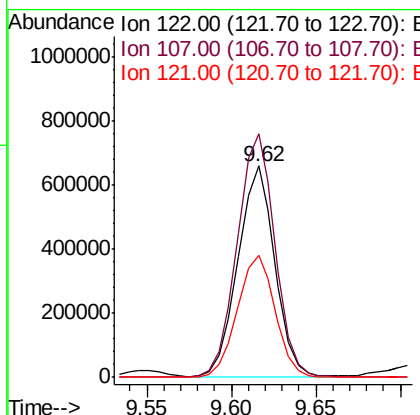
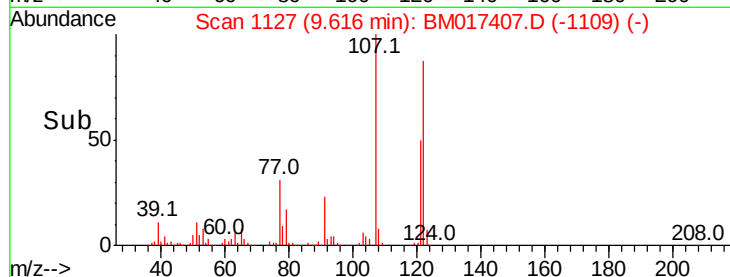
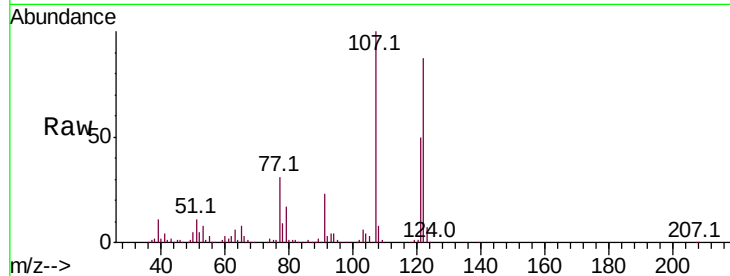
#27
2,4-Dimethylphenol
Concen: 58.699 ng
RT: 9.62 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	999090		
107	115.2	95.0	142.6	
121	58.0	48.2	72.4	

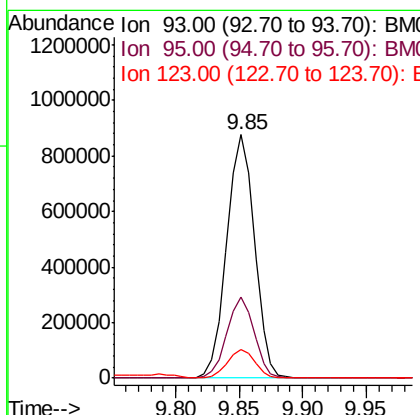
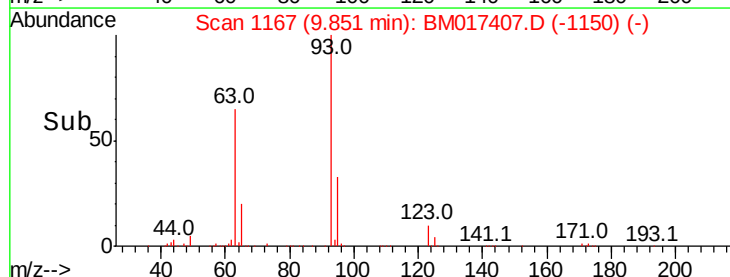
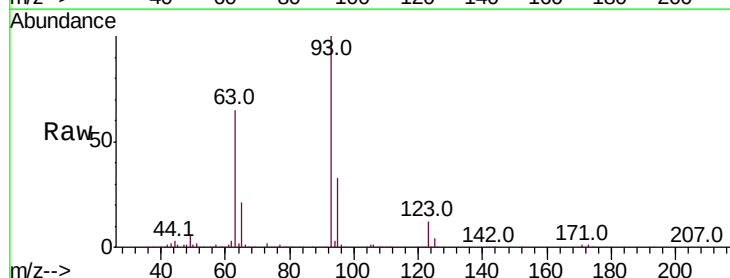
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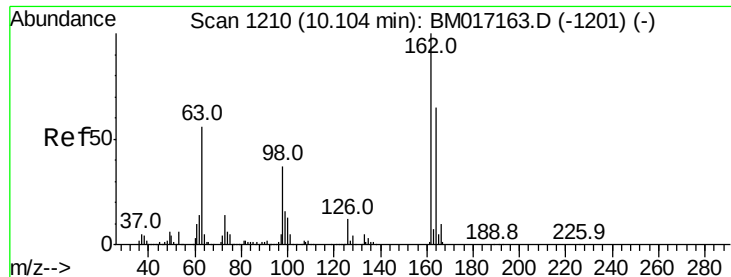
Sohil
10/30/2018 4:43:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.129 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1331031		
95	33.2	25.7	38.5	
123	11.6	9.4	14.0	





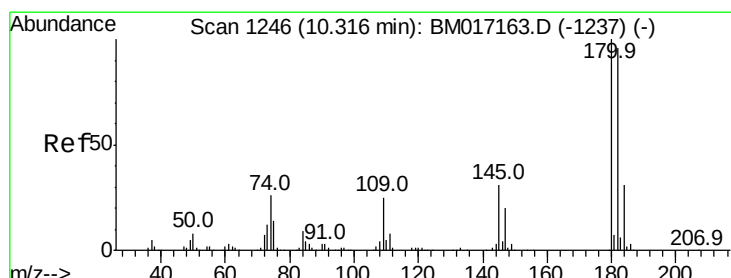
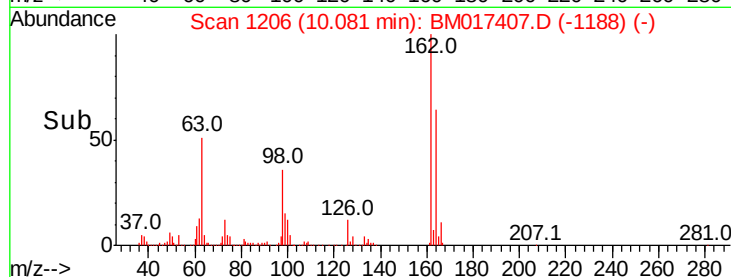
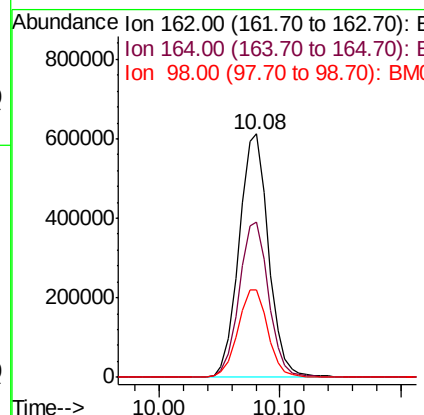
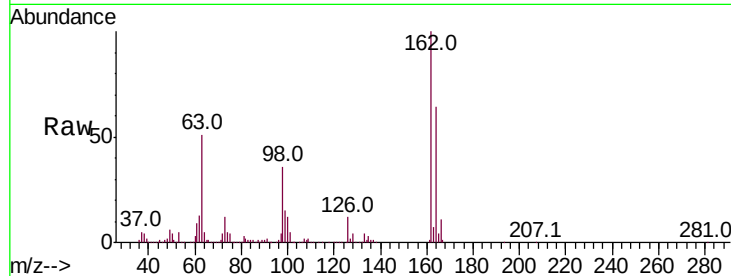
#29
2,4-Dichlorophenol
Concen: 52.795 ng
RT: 10.08 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	36.1	15.8	55.8

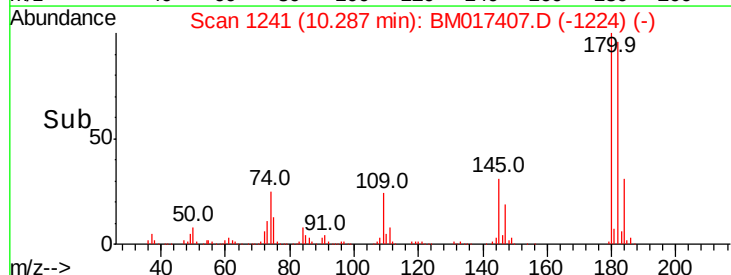
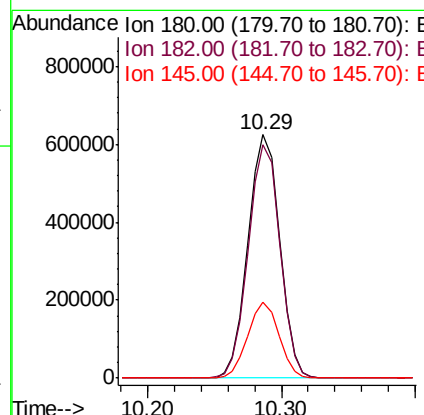
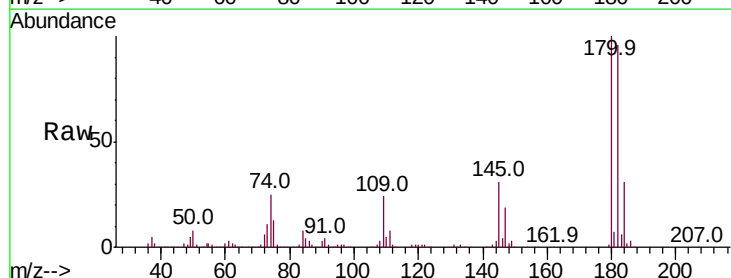
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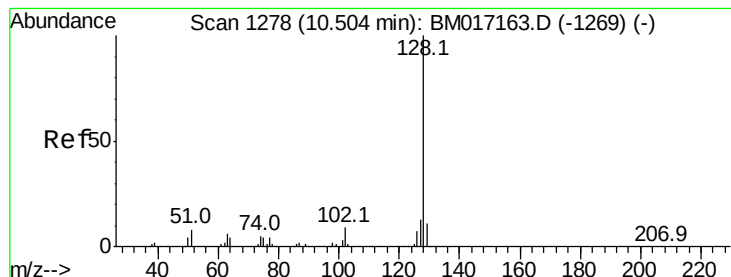
Sohil
10/30/2018 4:43:04 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.196 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.5	116.3
145	31.2	24.0	36.0





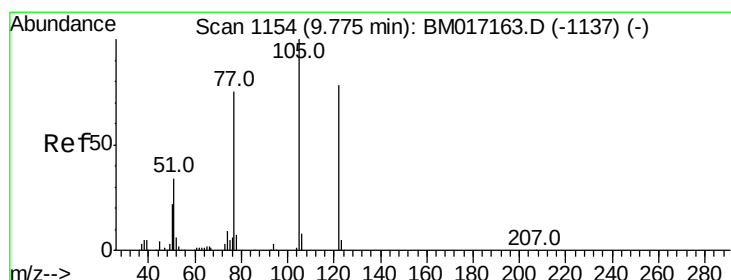
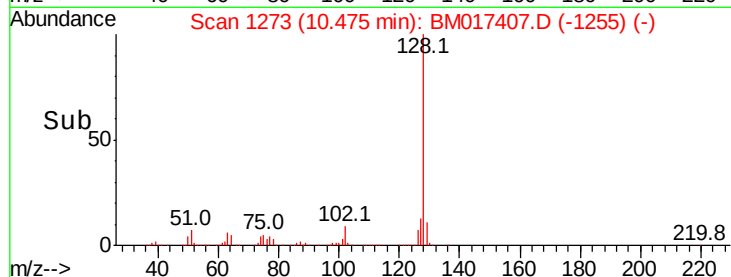
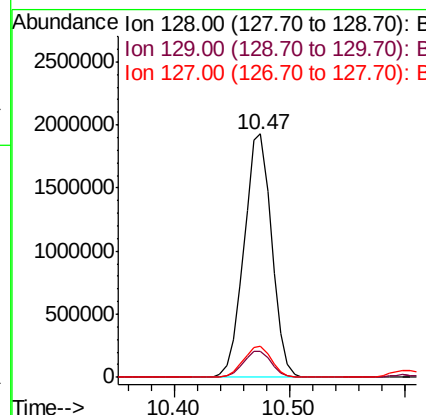
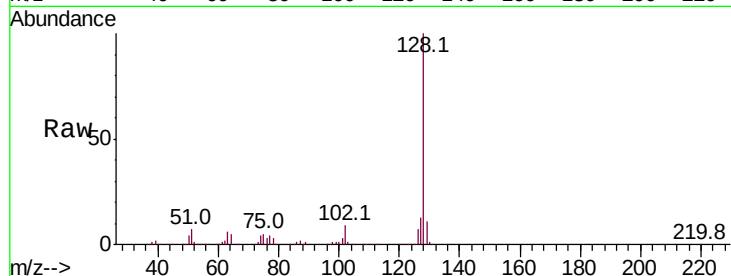
#31
Naphthalene
Concen: 47.850 ng
RT: 10.47 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	13.0	10.3	15.5

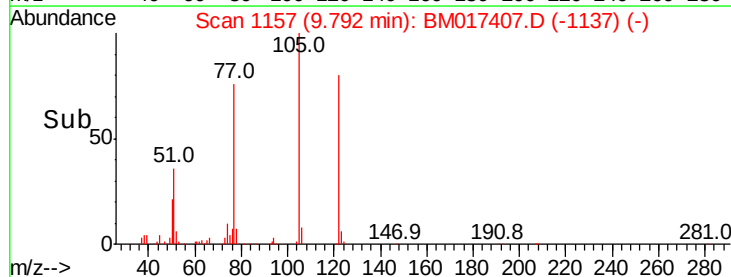
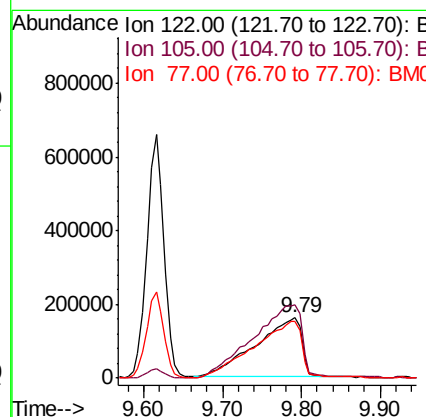
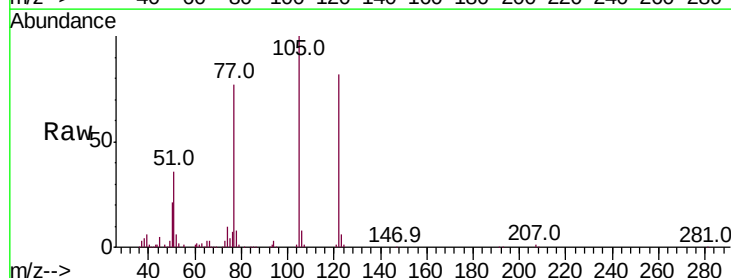
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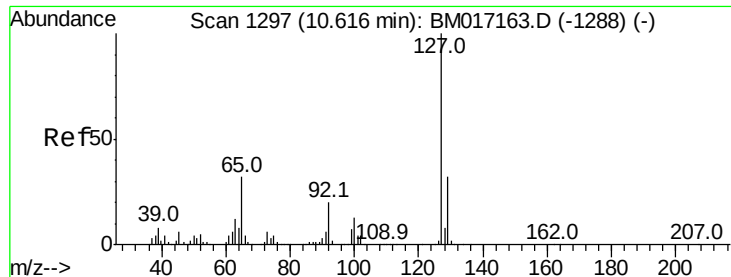
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#32
Benzoic acid
Concen: 51.623 ng m
RT: 9.79 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	102.0	142.0
77	94.4	67.7	107.7





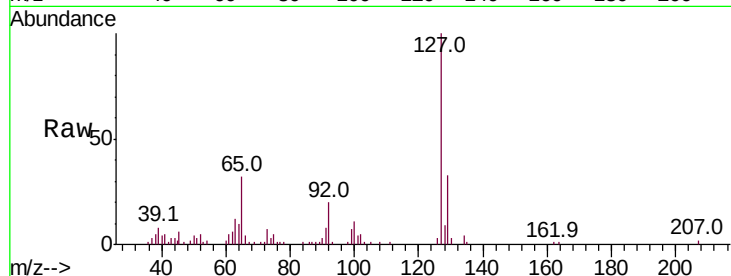
#33
4-Chloroaniline
Concen: 4.059 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	26.2	39.4	
65	31.9	23.7	35.5	
92	19.6	14.3	21.5	

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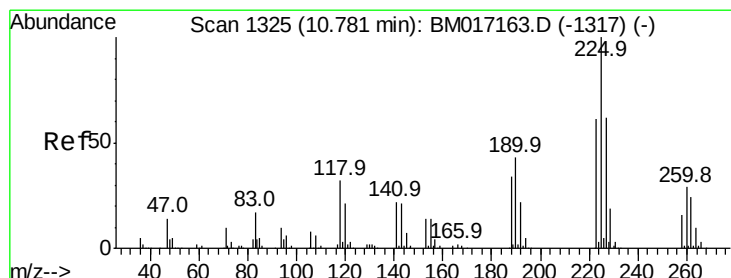
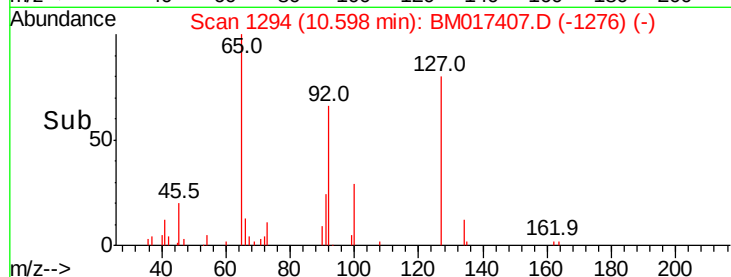
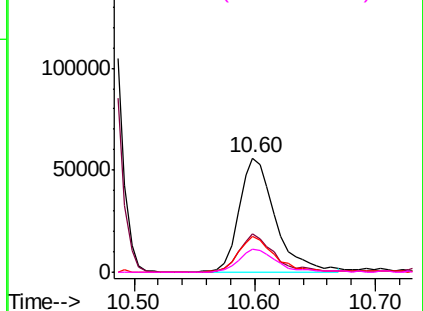
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

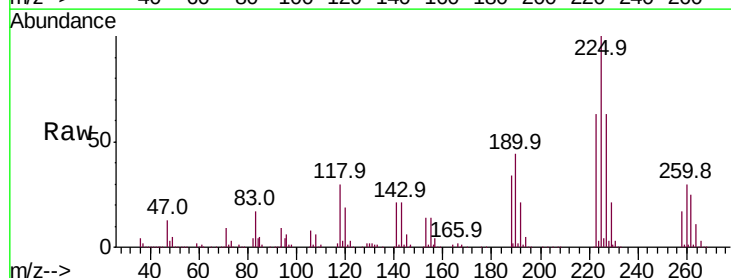
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 40.994 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.0	76.6	
227	63.3	50.8	76.2	

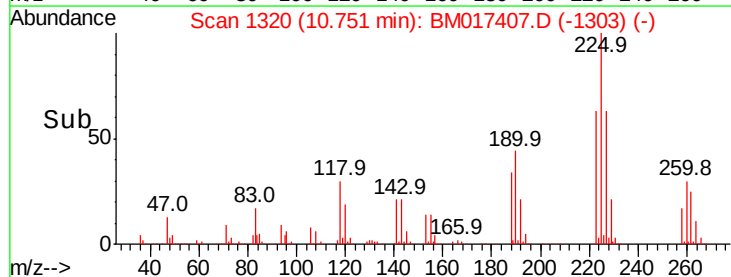
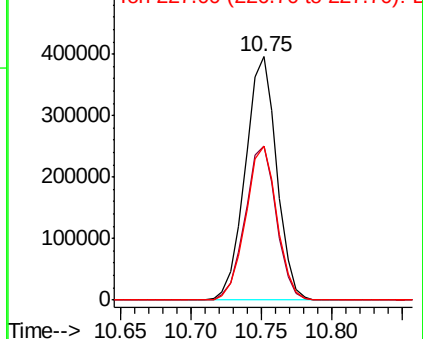


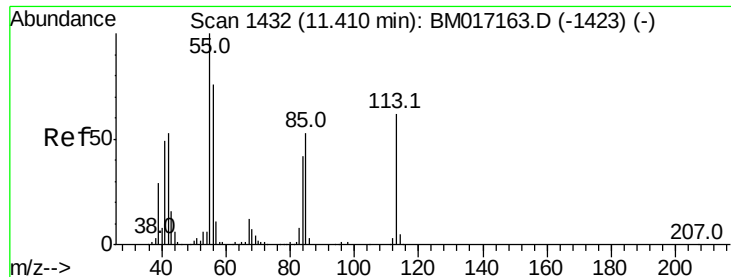
Abundance

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: 37.136 ng/ml

RT: 11.41 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:113 Resp: 267454

Ion Ratio Lower Upper

113 100

55 158.5 147.0 187.0

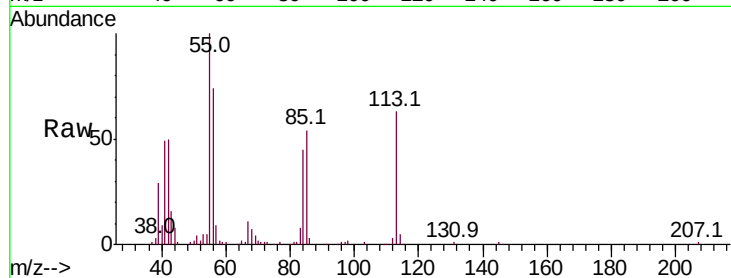
56 117.7 104.5 144.5

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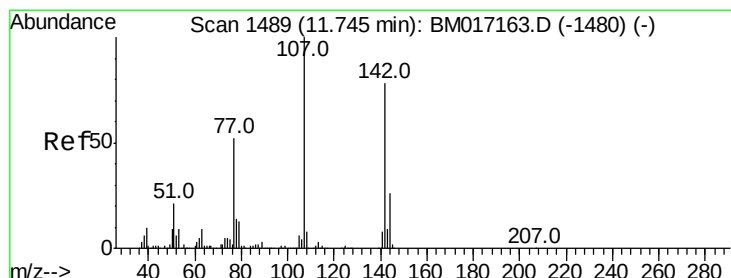
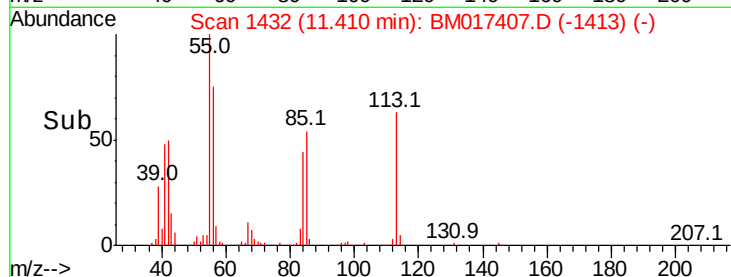
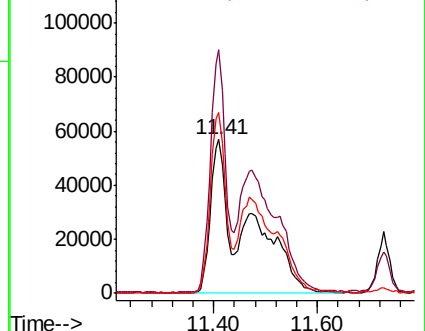
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 52.499 ng/ml

RT: 11.73 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

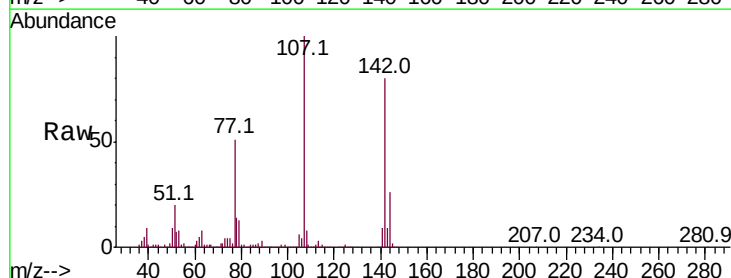
Tgt Ion:107 Resp: 1169447

Ion Ratio Lower Upper

107 100

144 25.8 21.6 32.4

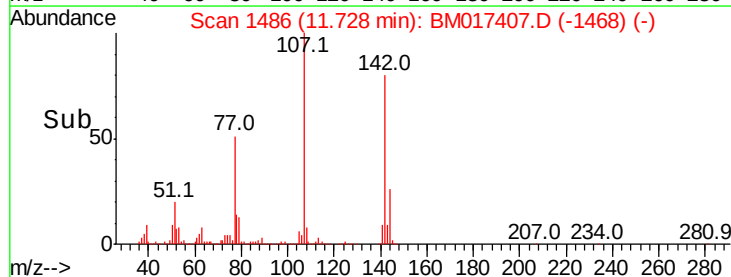
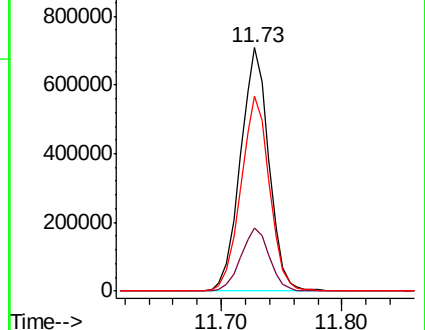
142 80.3 66.0 99.0

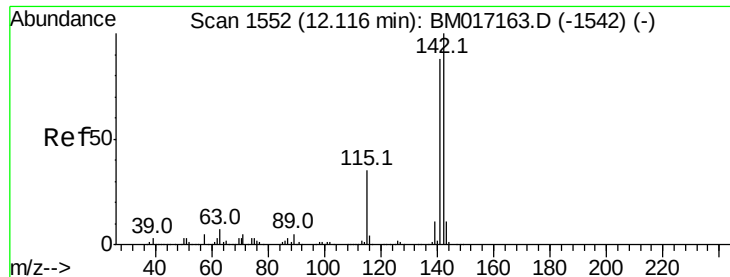


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





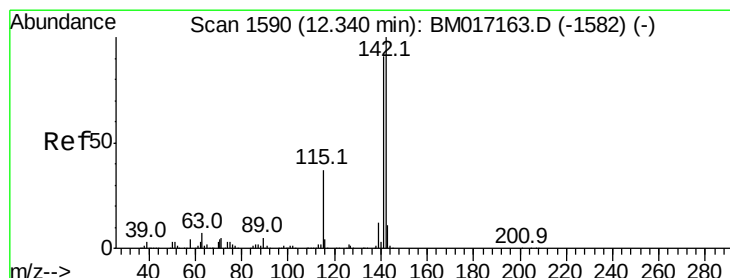
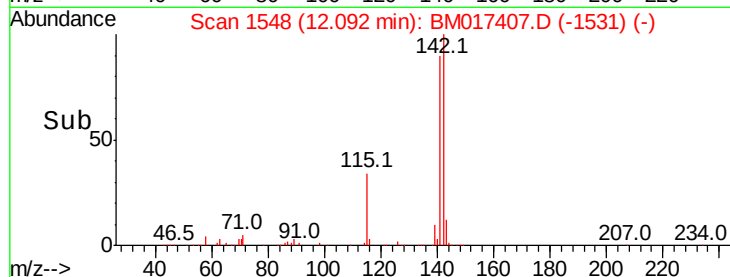
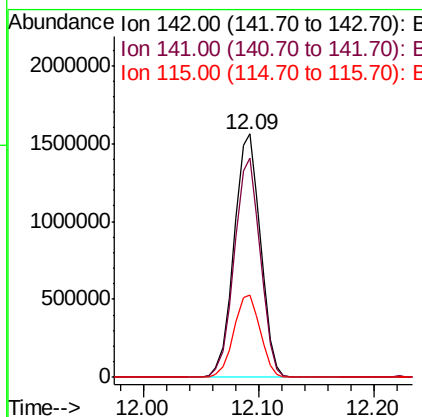
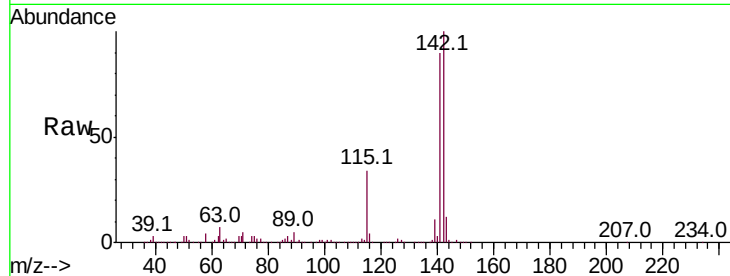
#37
2-Methylnaphthalene
Concen: 54.071 ng
RT: 12.09 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.9	106.3
115	34.1	26.4	39.6

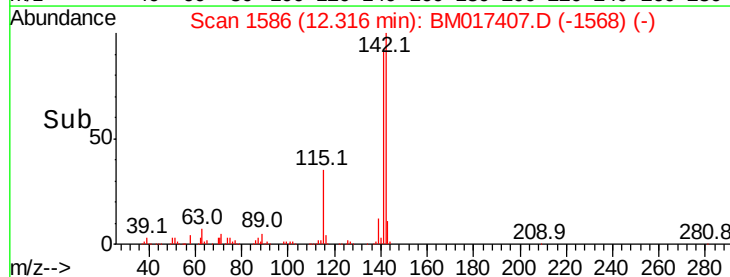
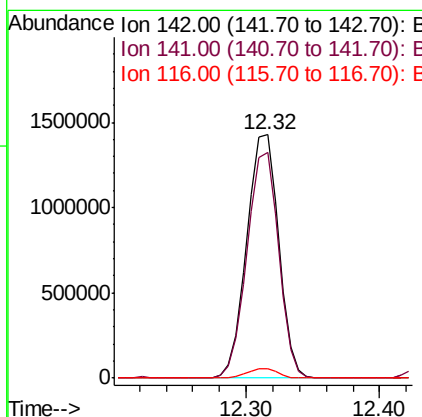
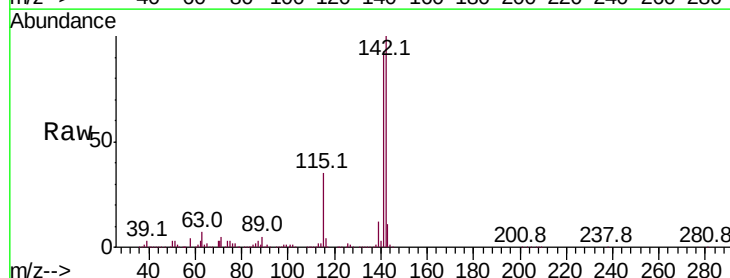
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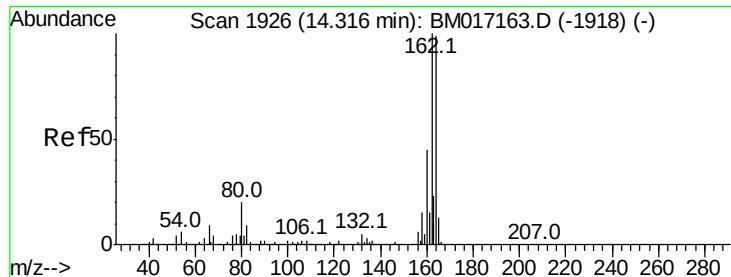
Sohil
10/30/2018 4:43:04 PM



#38
1-Methylnaphthalene
Concen: 52.880 ng
RT: 12.32 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6
116	3.7	2.9	4.3





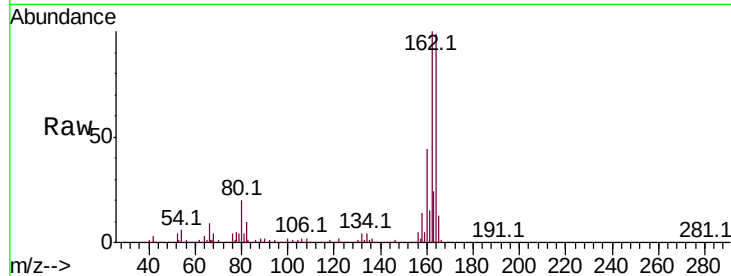
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.1	123.1
160	45.1	40.2	60.2

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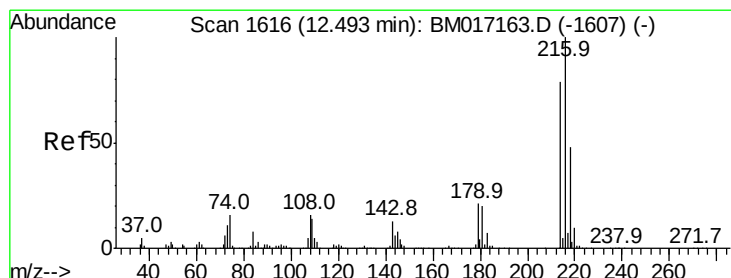
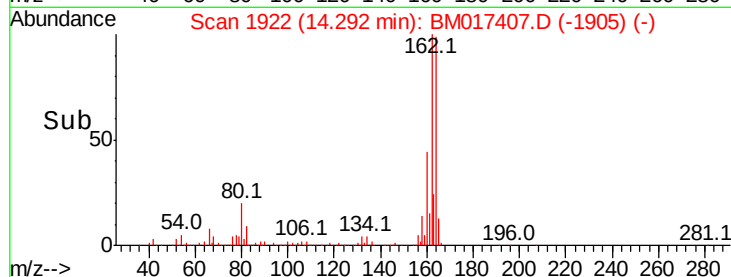
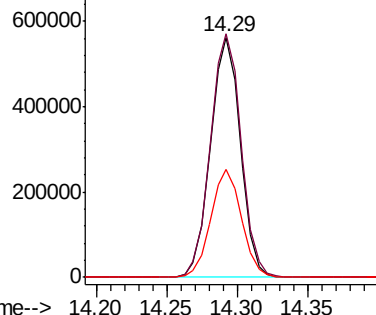


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.699 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	20.9	16.6	24.8
108	19.2	13.5	20.3

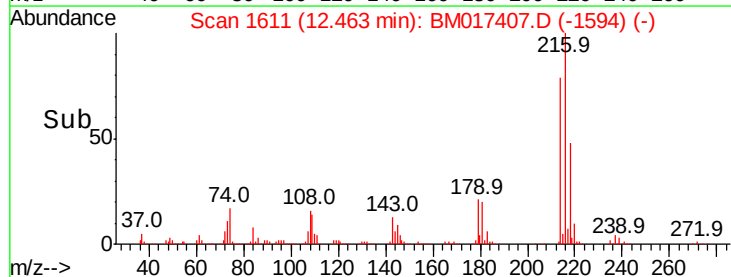
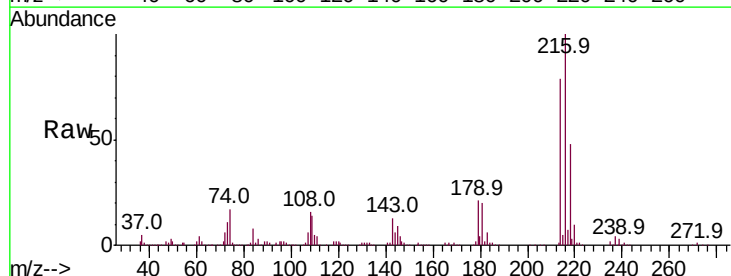
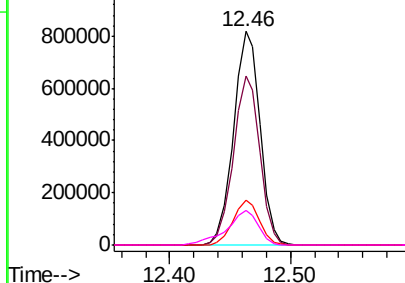
Abundance

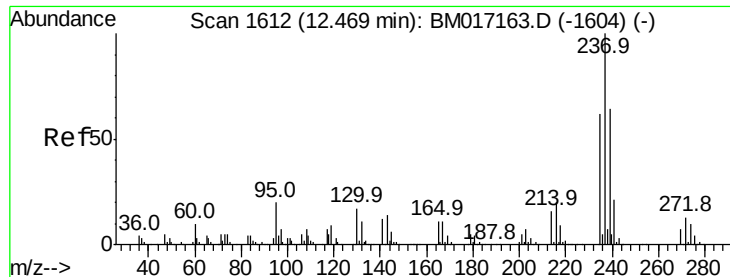
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.351 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:237 Resp: 1416707

Ion Ratio Lower Upper

237 100

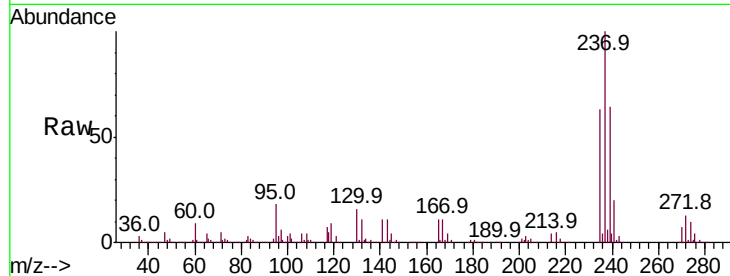
235 62.8 42.4 82.4

272 12.8 0.0 33.0

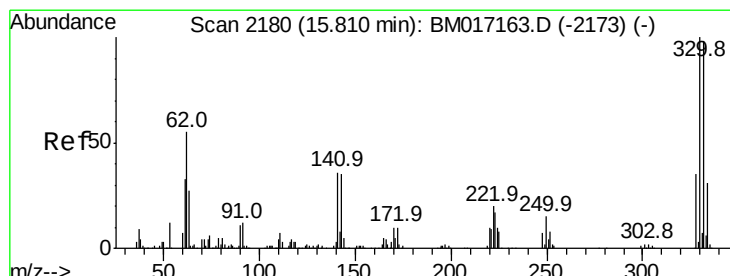
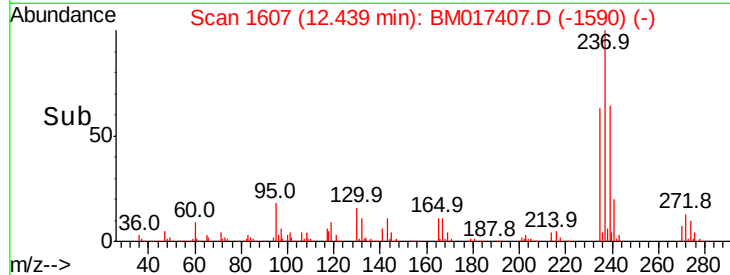
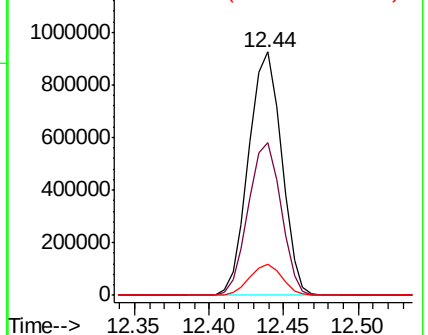
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.104 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

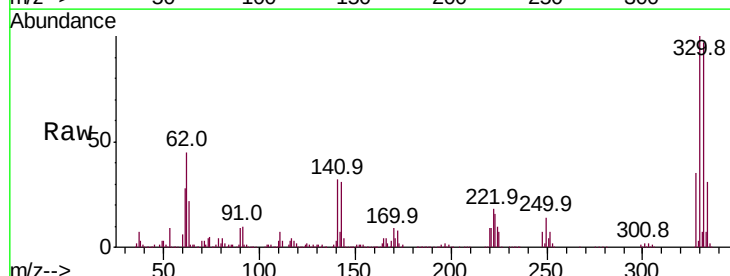
Tgt Ion:330 Resp: 1447776

Ion Ratio Lower Upper

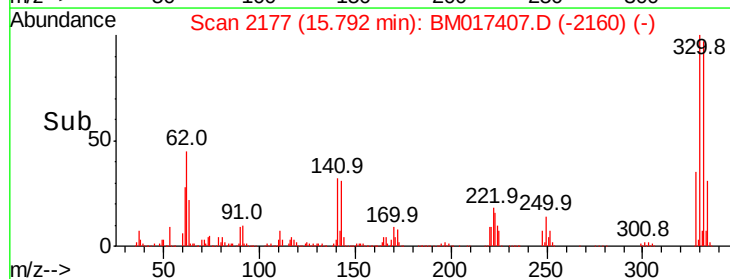
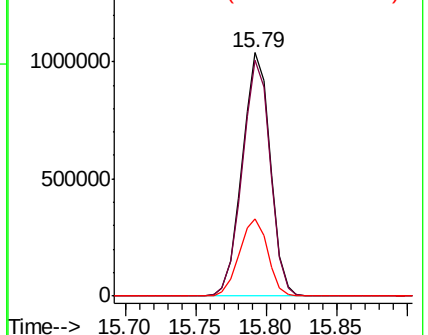
330 100

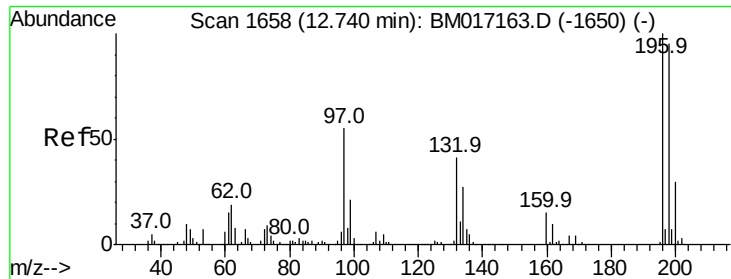
332 96.6 77.3 115.9

141 31.8 27.4 41.0



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





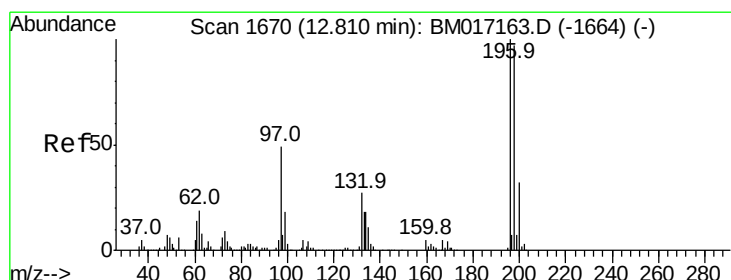
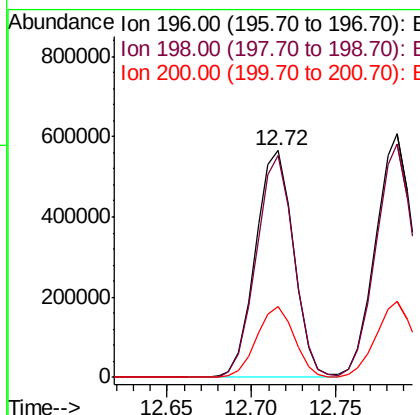
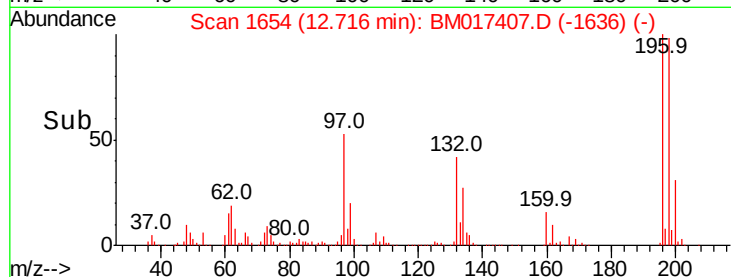
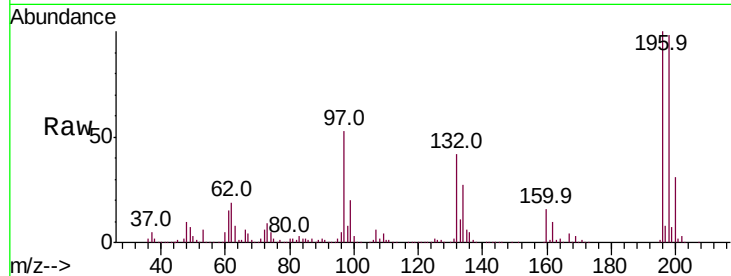
#43
 2,4,6-Trichlorophenol
 Concen: 52.059 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	882502		
198	98.0	77.1	115.7	
200	31.1	25.0	37.4	

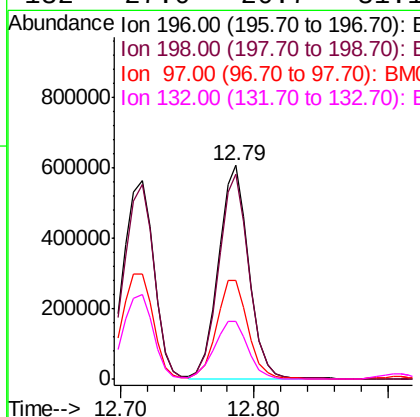
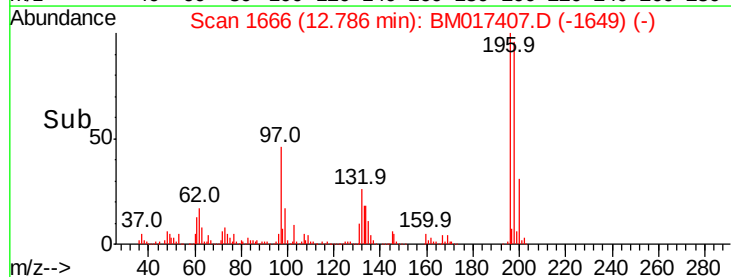
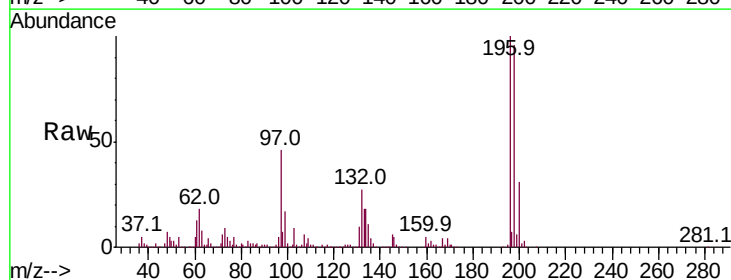
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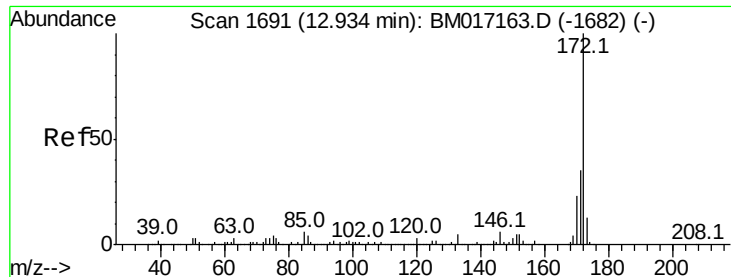
Sohil
 10/30/2018 4:43:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.585 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	955904		
198	96.0	76.6	115.0	
97	46.4	35.5	53.3	
132	27.0	20.7	31.1	





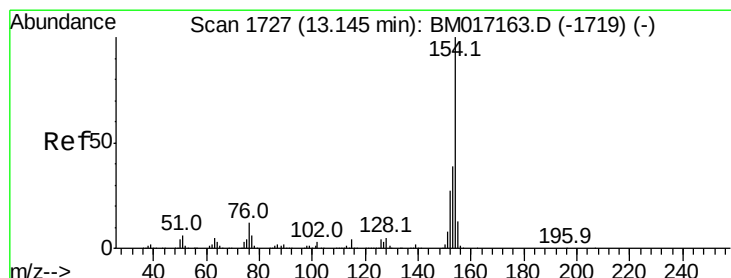
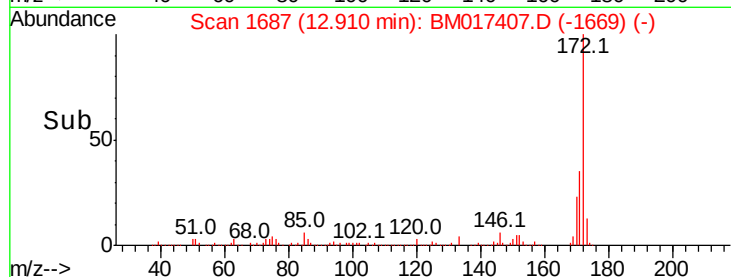
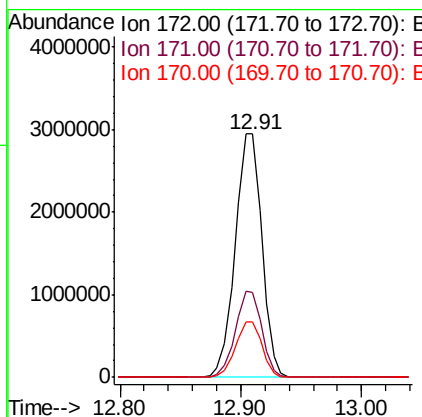
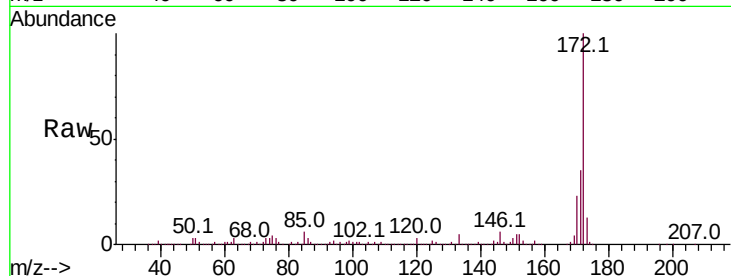
#45
2-Fluorobiphenyl
Concen: 72.956 ng
RT: 12.91 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.7	18.3	27.5

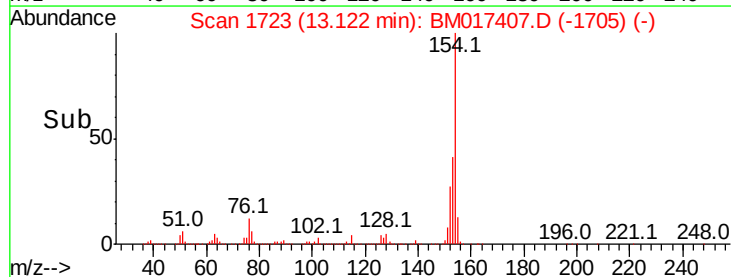
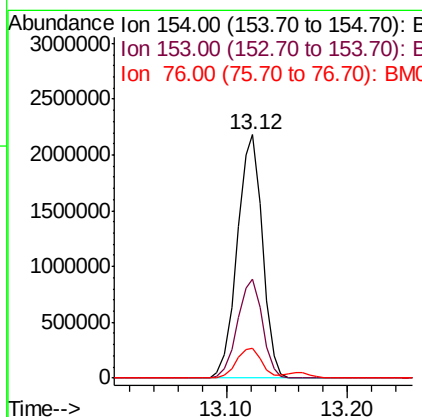
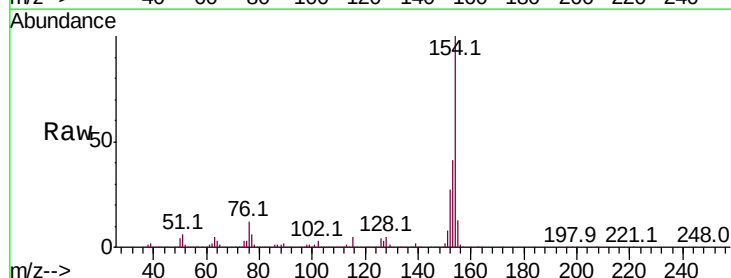
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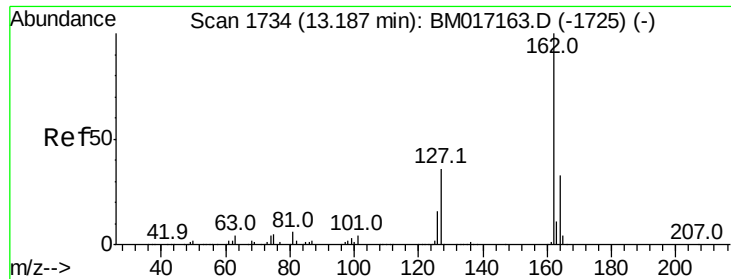
Sohil
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#46
1,1'-Biphenyl
Concen: 42.343 ng
RT: 13.12 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.0	0.0	31.8





#47

2-Chloronaphthalene

Concen: 44.600 ng

RT: 13.16 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:162 Resp: 2448419

Ion Ratio Lower Upper

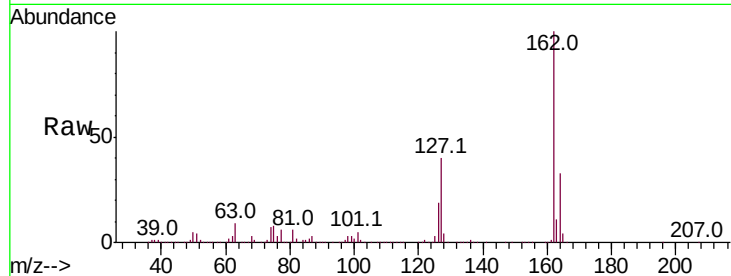
162 100

127 40.3 31.0 46.4

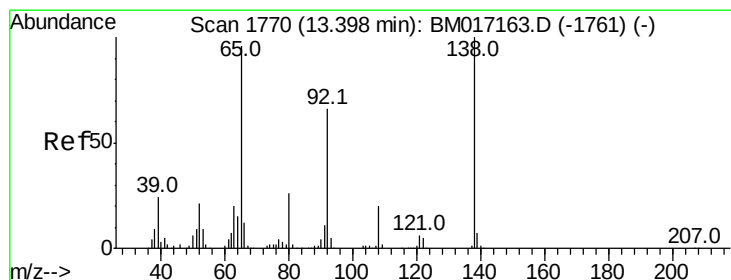
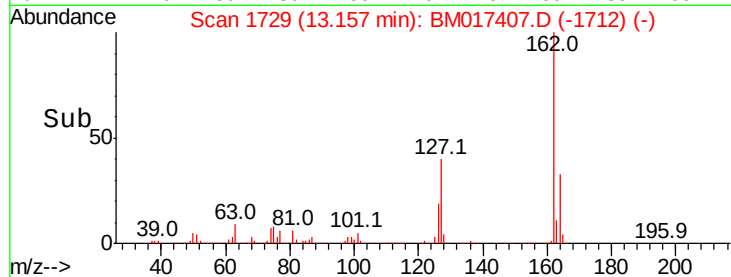
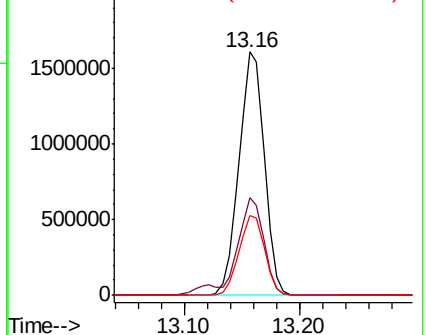
164 32.8 26.6 39.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.293 ng

RT: 13.38 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

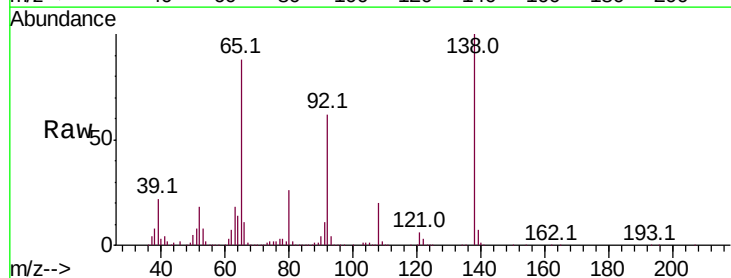
Tgt Ion: 65 Resp: 732004

Ion Ratio Lower Upper

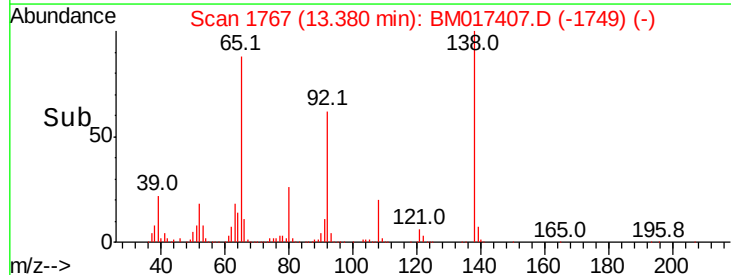
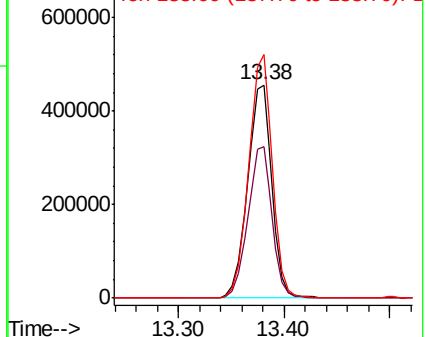
65 100

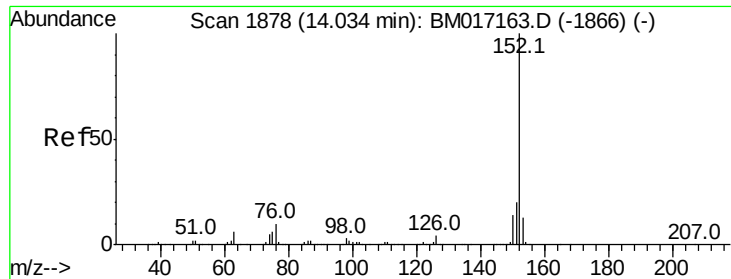
92 71.0 54.9 82.3

138 114.1 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.646 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:152 Resp: 4109585

Ion Ratio Lower Upper

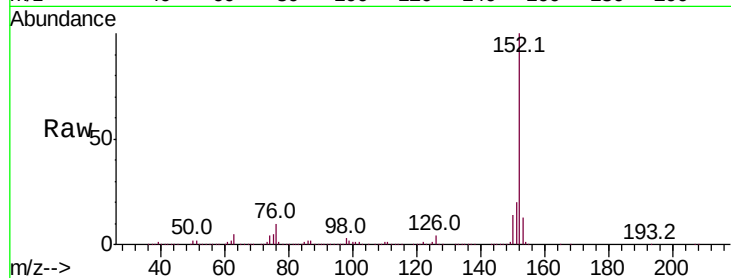
152 100

151 20.0 16.0 24.0

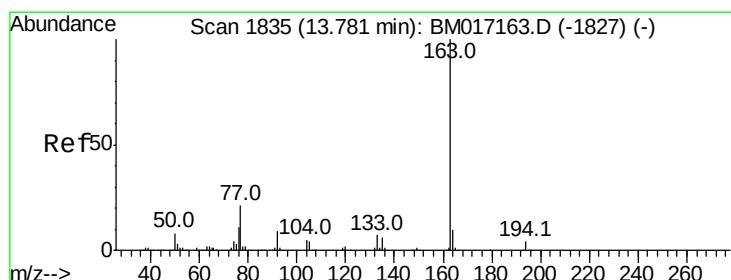
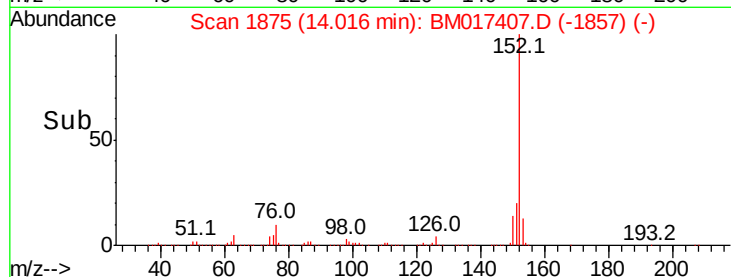
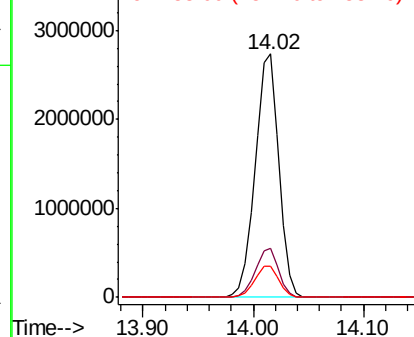
153 13.0 10.4 15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.148 ng

RT: 13.77 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

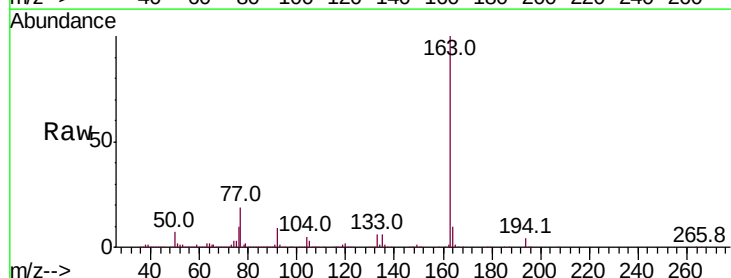
Tgt Ion:163 Resp: 3208191

Ion Ratio Lower Upper

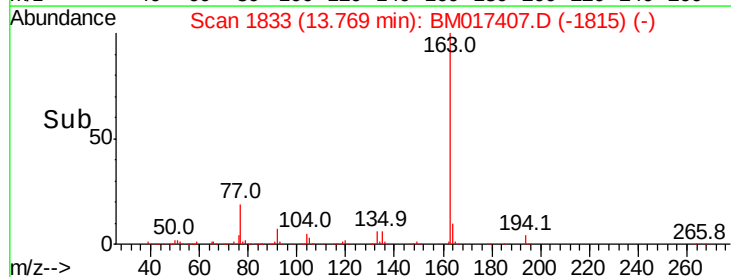
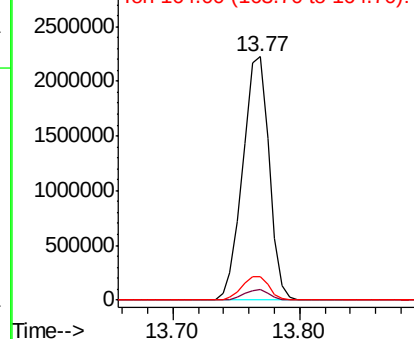
163 100

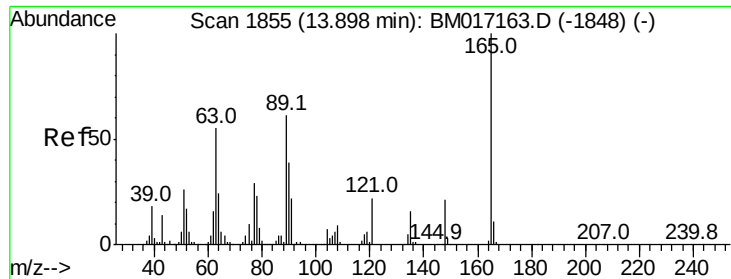
194 4.4 3.3 4.9

164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





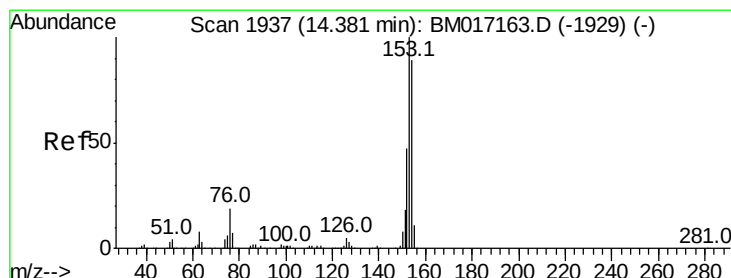
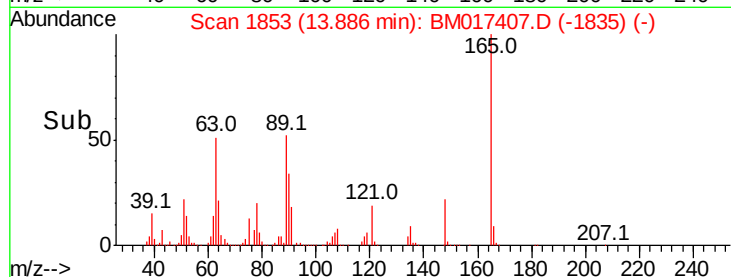
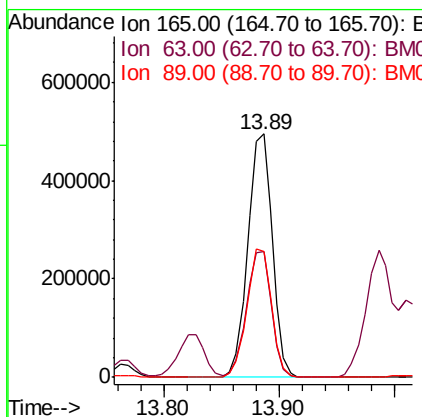
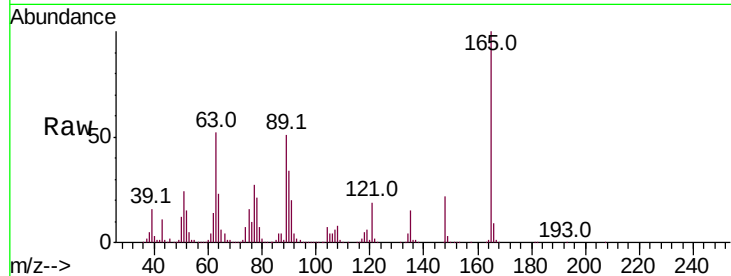
#51
2,6-Dinitrotoluene
Concen: 51.759 ng
RT: 13.89 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	728803		
63	51.7		42.7	64.1
89	51.5		42.1	63.1

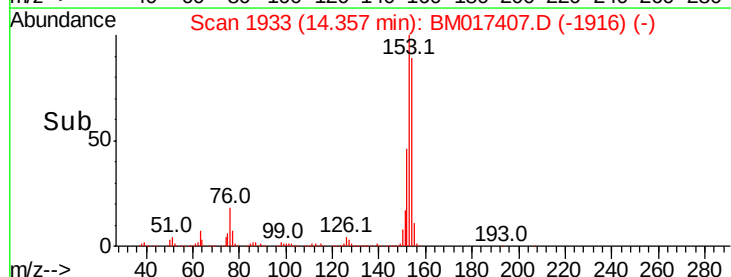
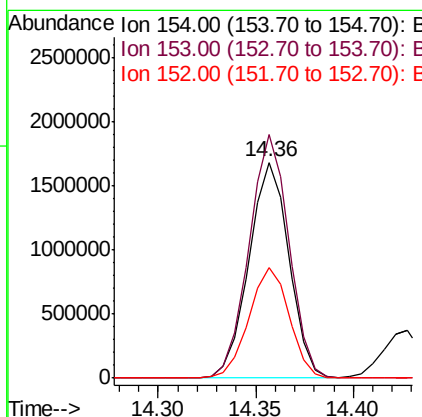
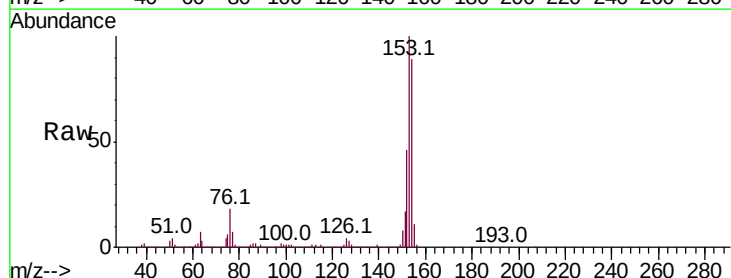
Manual Integrations
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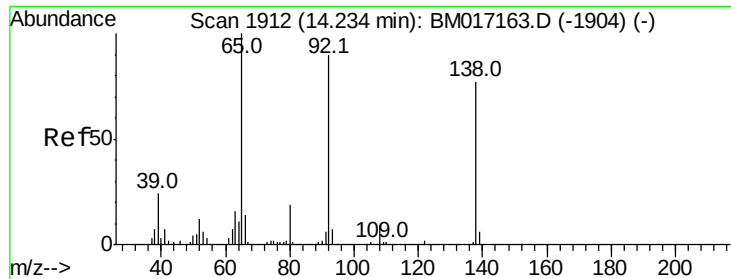
Sohil
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#52
Acenaphthene
Concen: 48.078 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2402072		
153	112.8		90.2	135.2
152	51.4		44.2	66.4





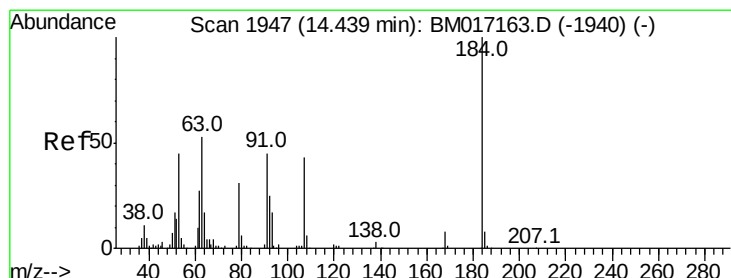
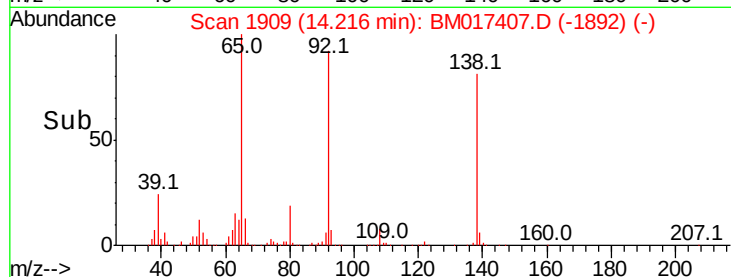
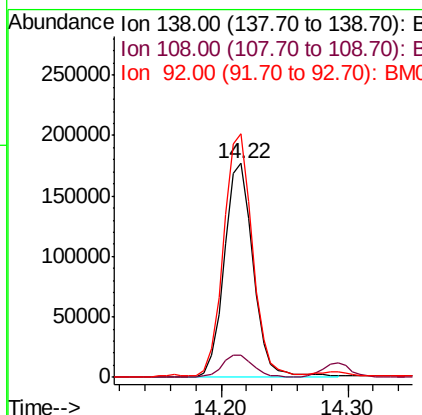
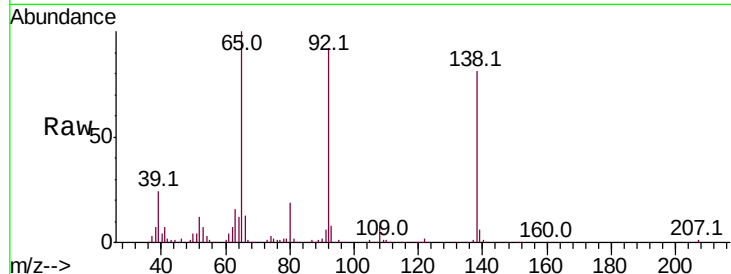
#53
3-Nitroaniline
Concen: 18.365 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	113.9	87.9	131.9

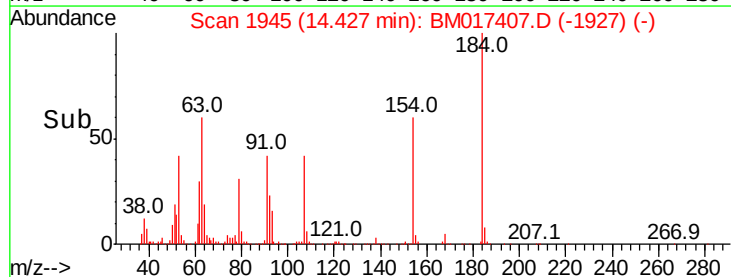
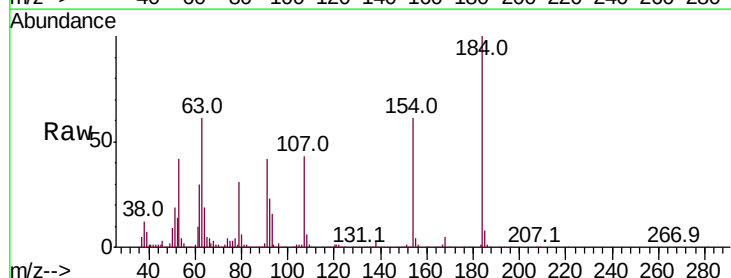
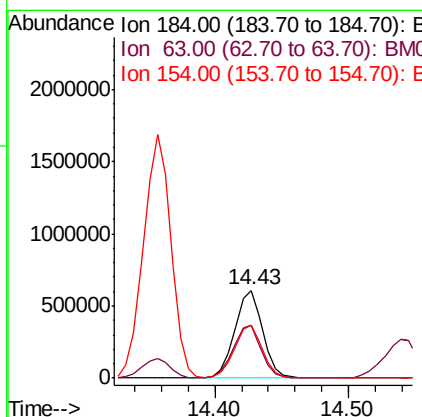
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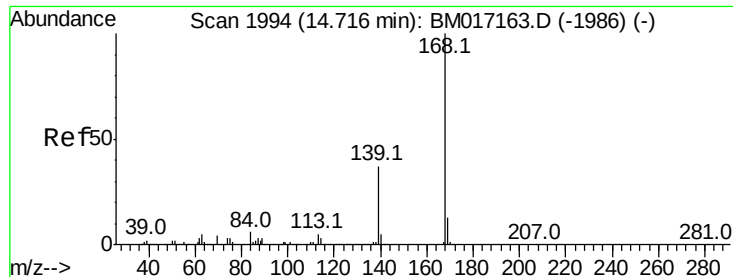
Sohil
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#54
2,4-Dinitrophenol
Concen: 104.322 ng
RT: 14.43 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	51.2	76.8
154	60.6	47.8	71.8





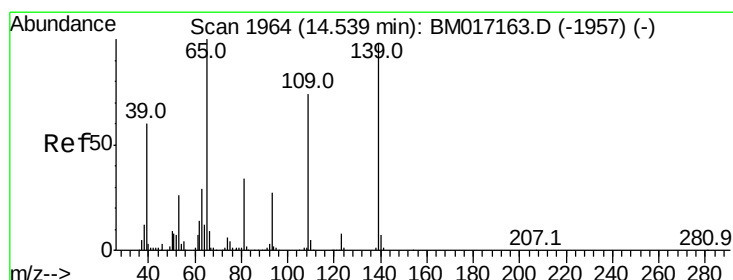
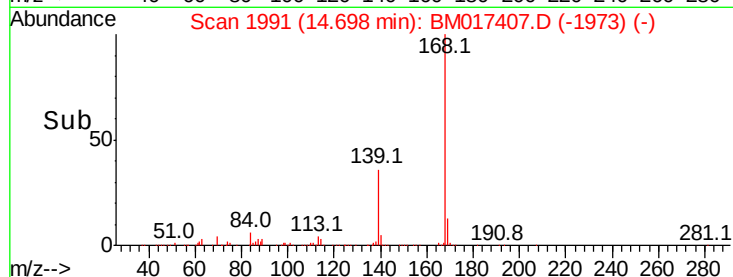
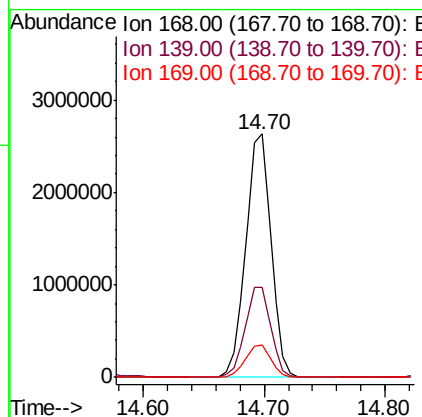
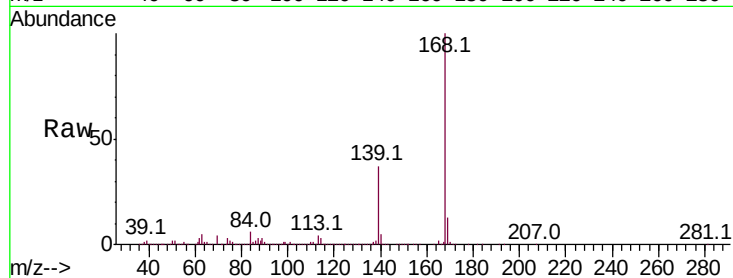
#55
Dibenzofuran
Concen: 46.526 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.3	43.9
169	13.1	10.6	15.8

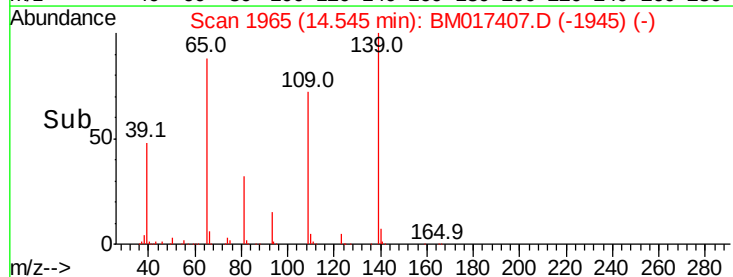
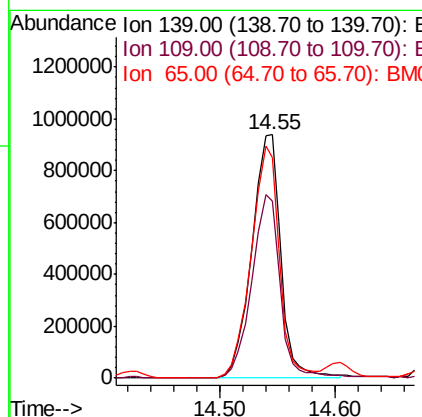
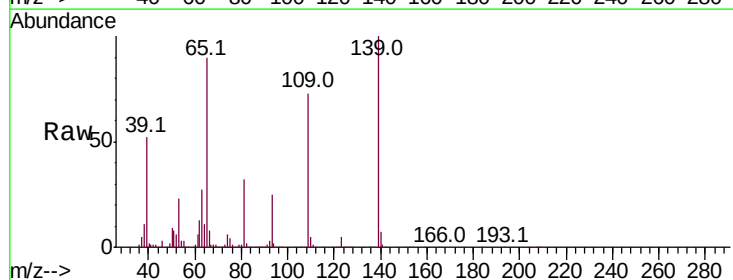
Manual Integrations
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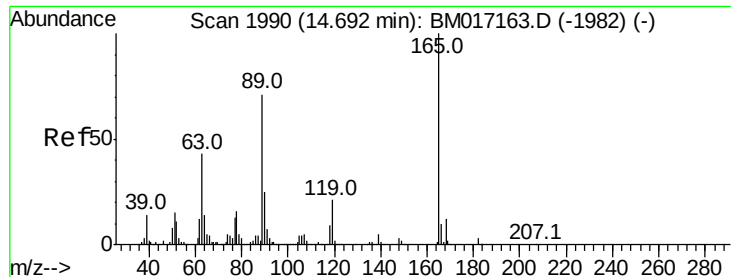
Sohil
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#56
4-Nitrophenol
Concen: 116.367 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.02 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.7	51.8	91.8
65	90.5	72.1	112.1





#57

2,4-Dinitrotoluene

Concen: 54.948 ng

RT: 14.68 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:165 Resp: 1039896

Ion Ratio Lower Upper

165 100

63 44.1 33.8 50.8

89 66.8 53.1 79.7

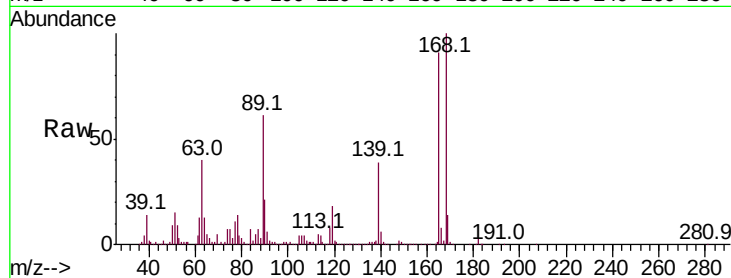
182 2.9 2.0 3.0

Manual Integrations

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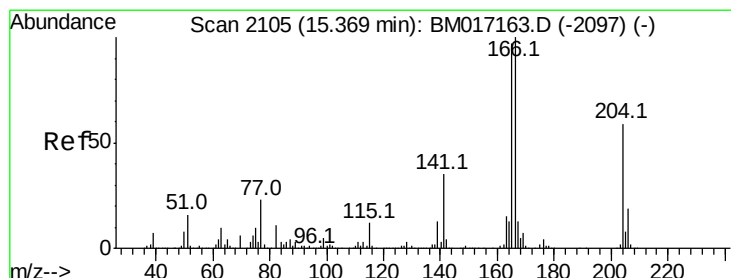
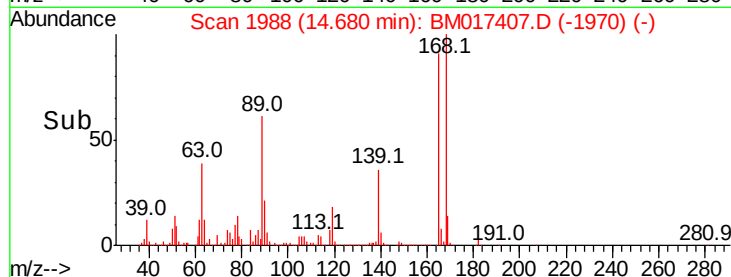
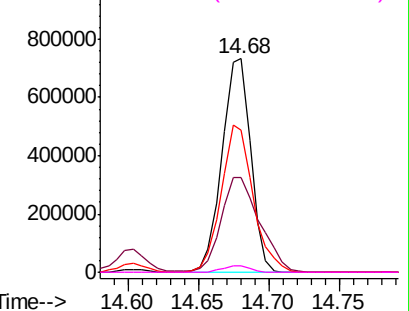


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.972 ng

RT: 15.35 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

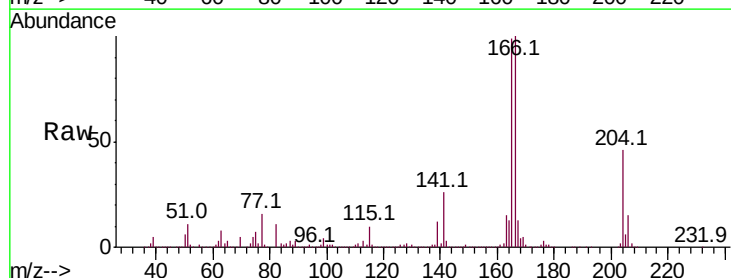
Tgt Ion:166 Resp: 3196121

Ion Ratio Lower Upper

166 100

165 98.7 78.1 117.1

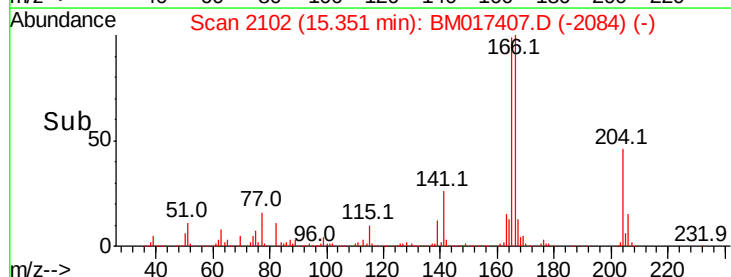
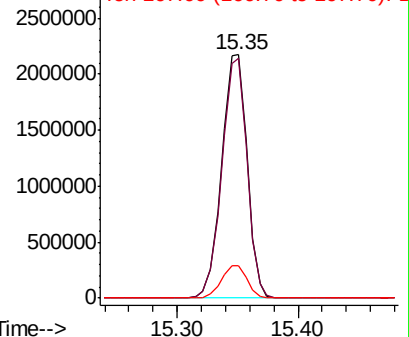
167 13.2 10.6 16.0

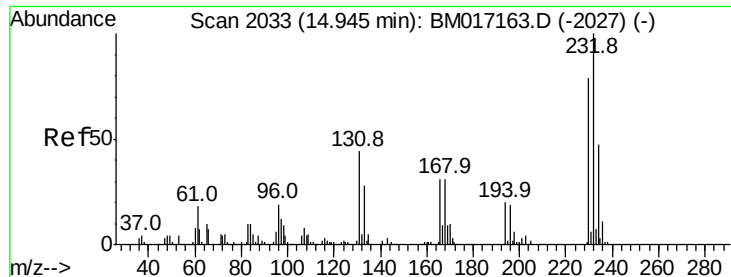


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





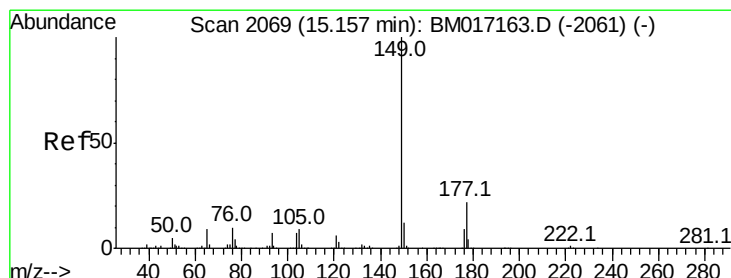
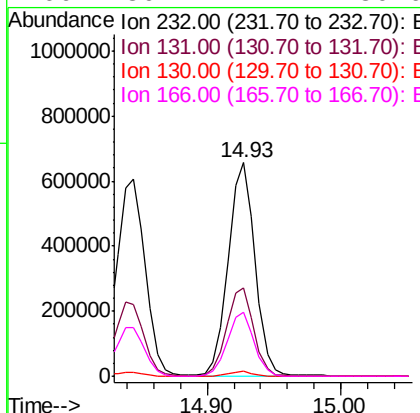
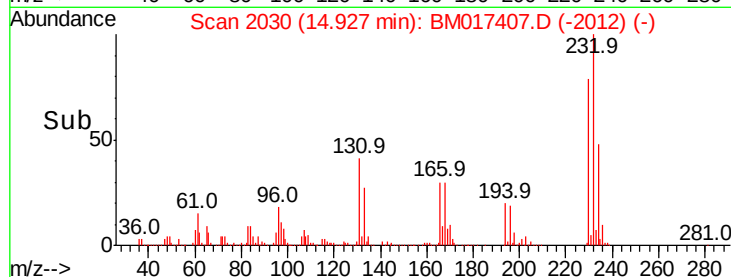
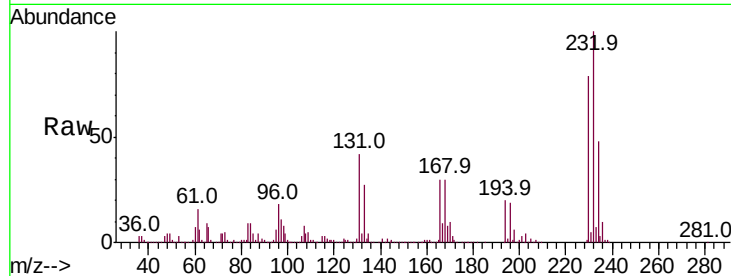
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.358 ng
RT: 14.93 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	917285		
131	41.6	33.1	49.7	
130	2.3	1.7	2.5	
166	30.1	24.4	36.6	

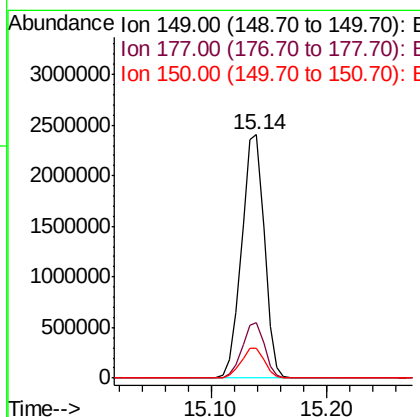
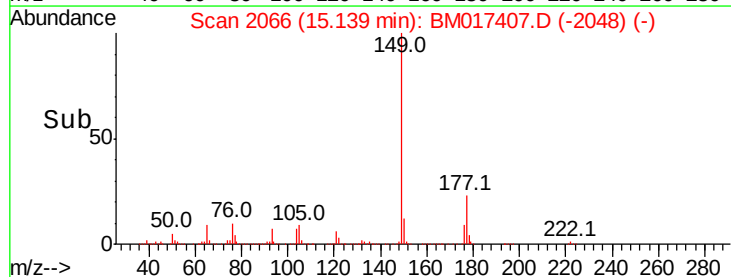
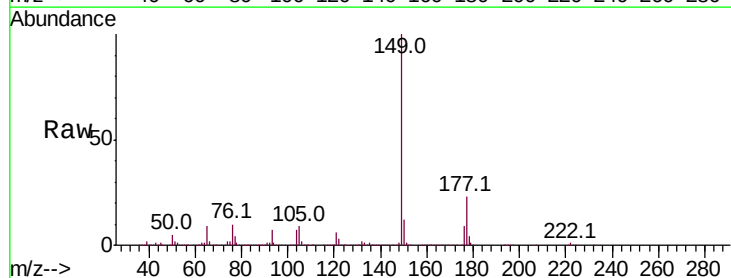
Manual Integrations
APPROVED

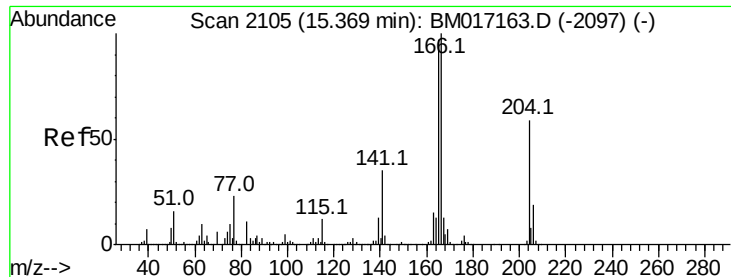
Sohil
10/30/2018 4:43:04 PM



#60
Diethylphthalate
Concen: 51.717 ng
RT: 15.14 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3281163		
177	22.9	17.7	26.5	
150	12.4	10.0	15.0	





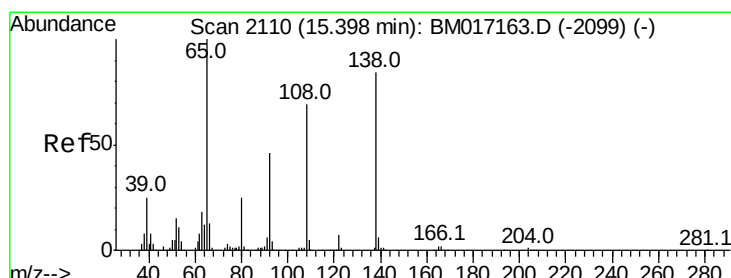
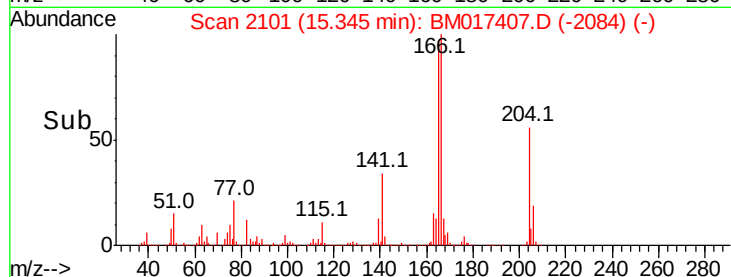
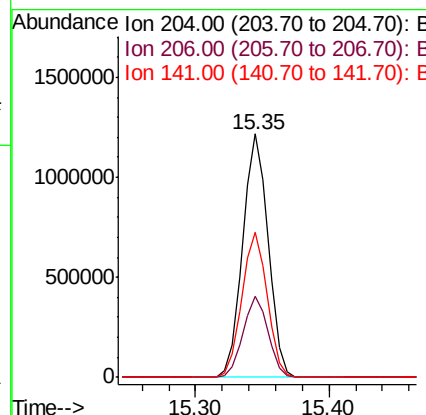
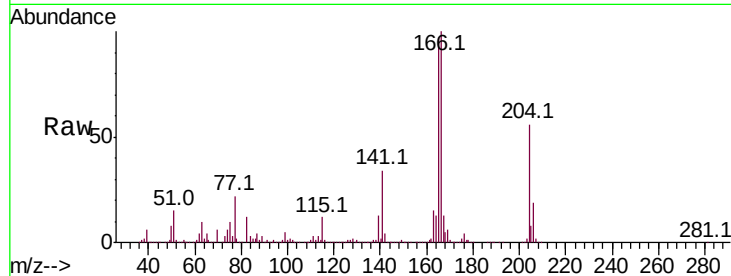
#61
4-Chlorophenyl-phenylether
Concen: 45.721 ng
RT: 15.35 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion:204 Resp: 1602952
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 59.7 45.4 68.2

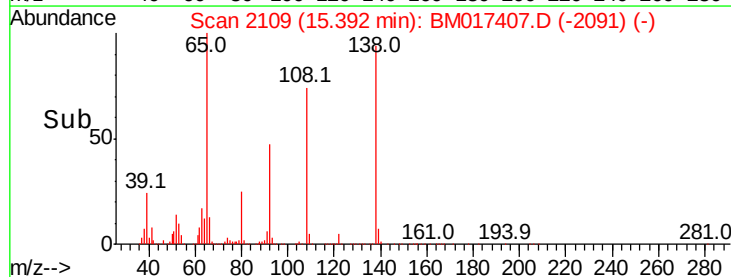
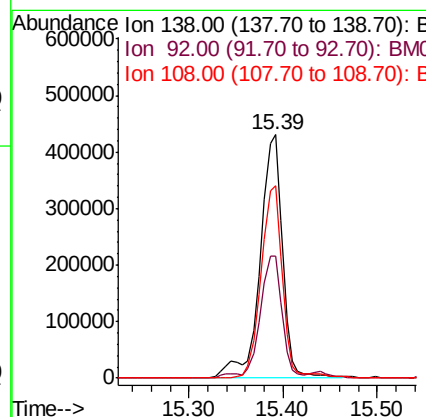
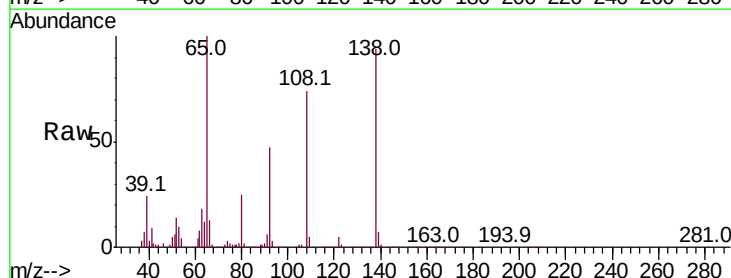
Manual Integrations
APPROVED

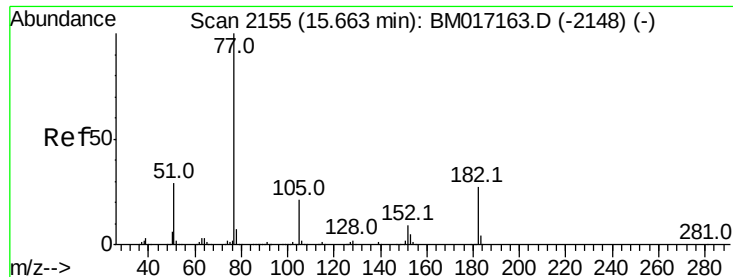
Sohil
10/30/2018 4:43:04 PM



#62
4-Nitroaniline
Concen: 42.767 ng
RT: 15.39 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion:138 Resp: 718057
Ion Ratio Lower Upper
138 100
92 50.1 31.2 71.2
108 79.0 55.5 95.5





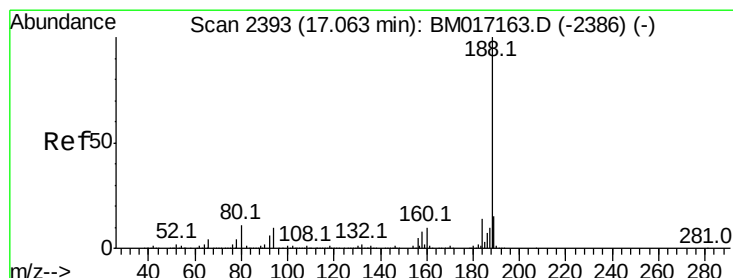
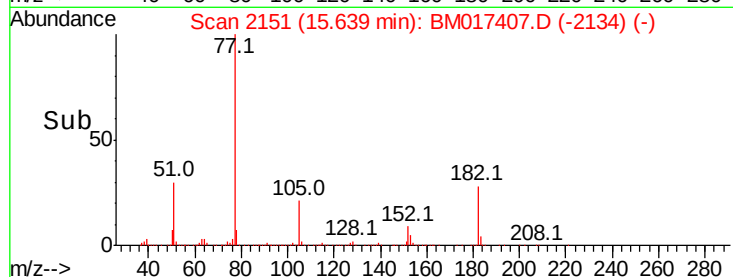
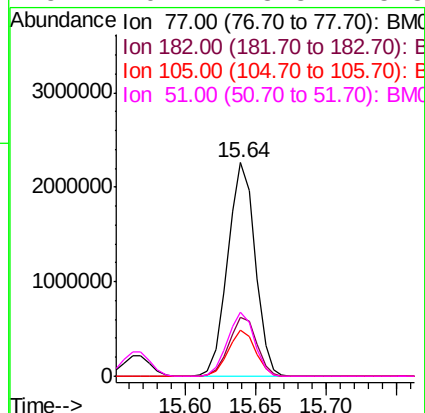
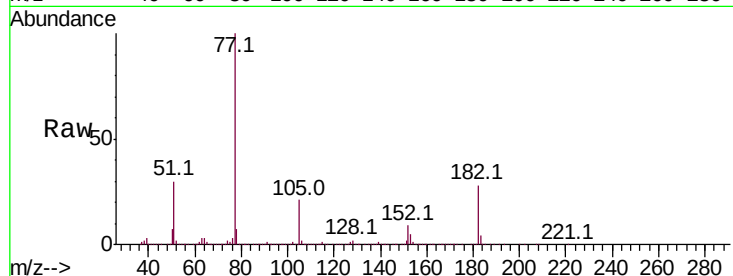
#63
Azobenzene
Concen: 49.407 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	77	Resp	3046767
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.3	48.3
105	21.4	1.5	41.5
51	29.7	8.8	48.8

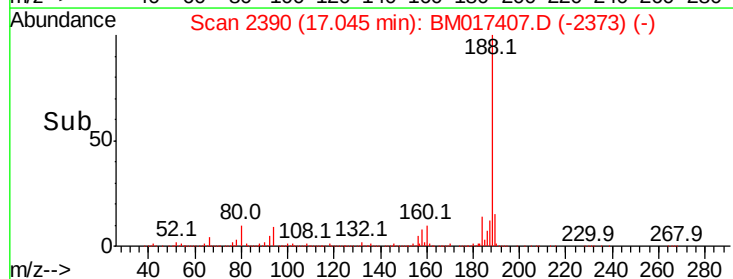
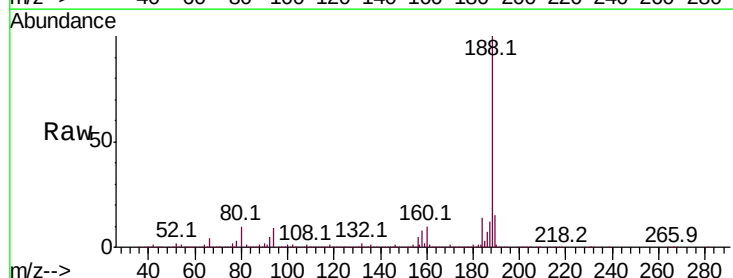
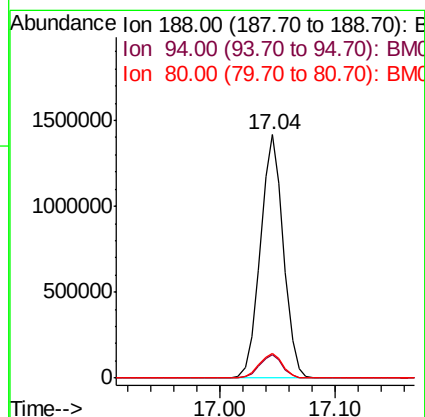
Manual Integrations
APPROVED

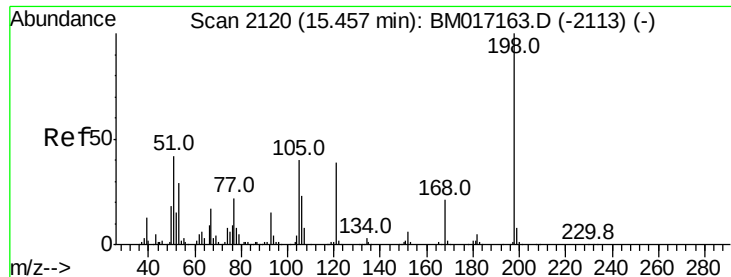
Sohil
10/30/2018 4:43:04 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	188	Resp	1967517
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.3	7.7	11.5





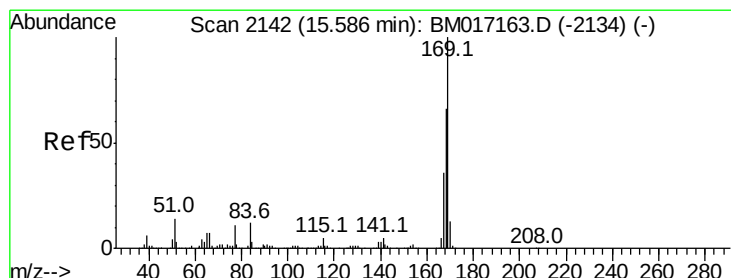
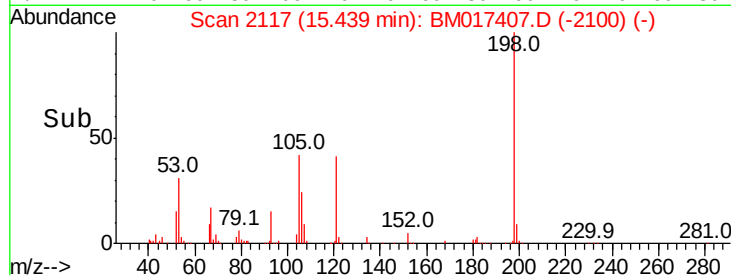
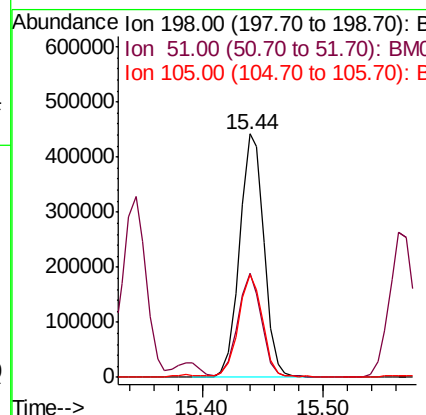
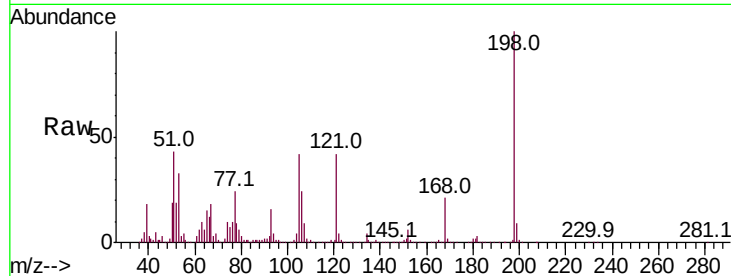
#65
4,6-Dinitro-2-methylphenol
Concen: 49.158 ng
RT: 15.44 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	623592		
51	42.5	20.3	60.3	
105	42.4	21.9	61.9	

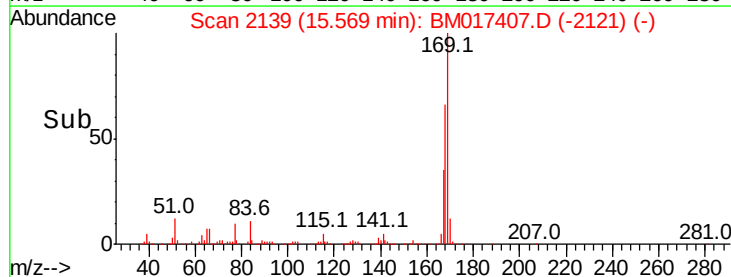
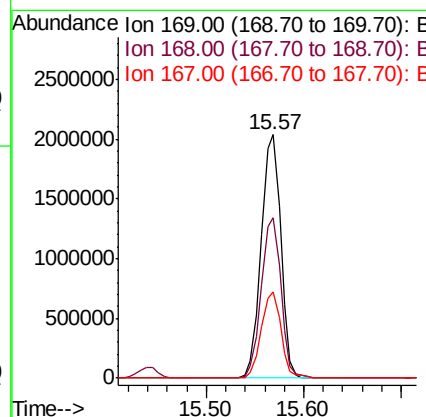
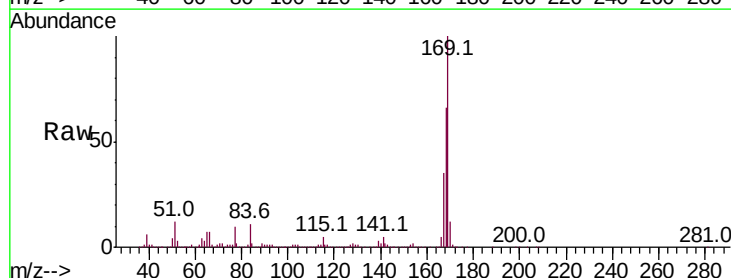
Manual Integrations
APPROVED

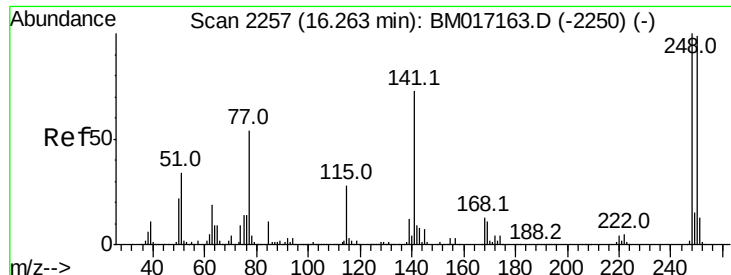
Sohil
10/30/2018 4:43:04 PM



#66
n-Nitrosodiphenylamine
Concen: 48.192 ng
RT: 15.57 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2868706		
168	65.9	52.2	78.4	
167	35.4	28.4	42.6	





#67
 4-Bromophenyl-phenylether
 Concen: 48.891 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

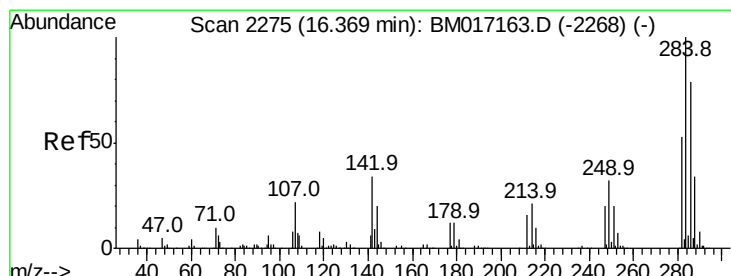
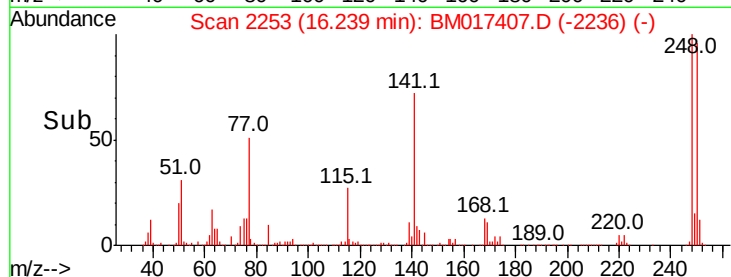
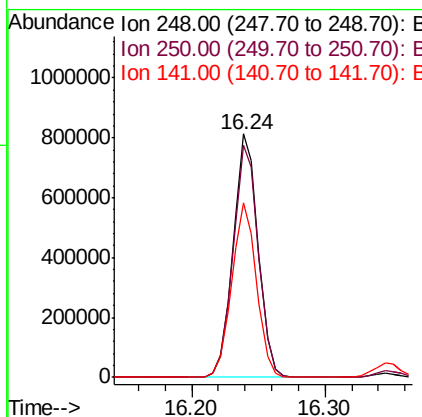
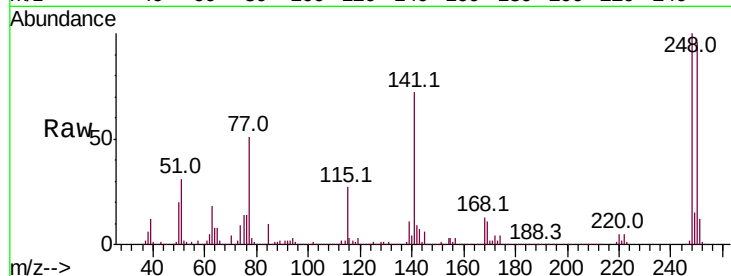
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion:248 Resp: 1056222

Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.1	112.7
141	71.8	55.6	83.4

Manual Integrations
 APPROVED

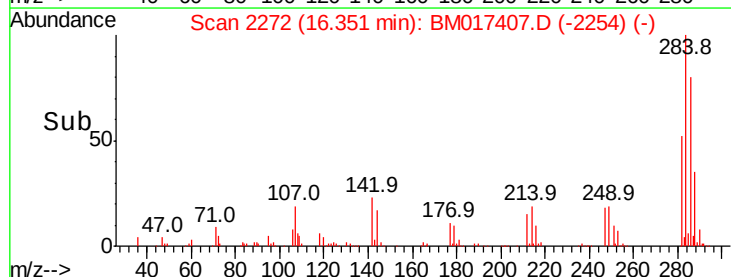
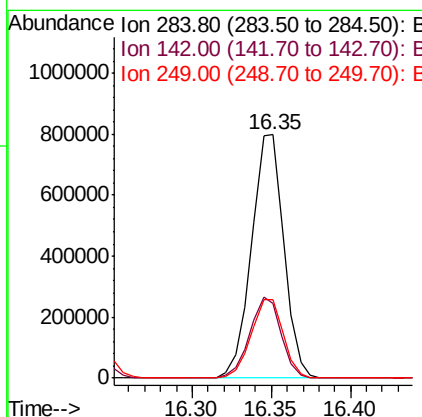
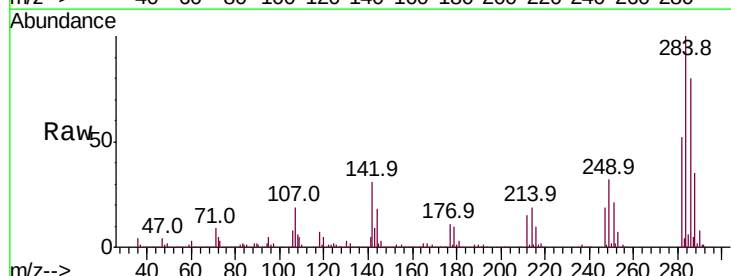
Sohil
 10/30/2018 4:43:04 PM

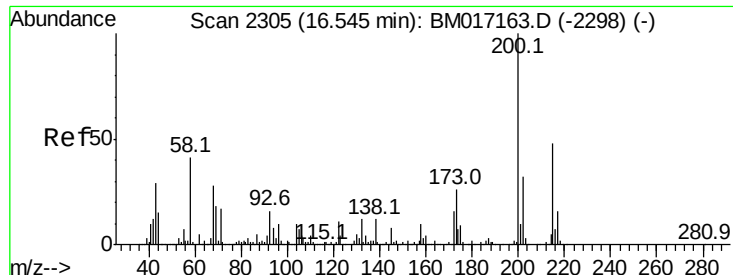


#68
 Hexachlorobenzene
 Concen: 45.126 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

Tgt Ion:284 Resp: 1132422

Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.0	37.6
249	32.1	25.5	38.3





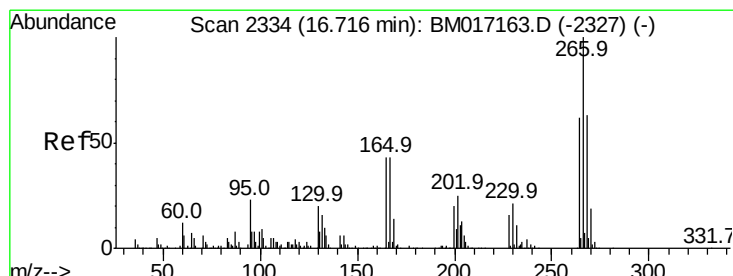
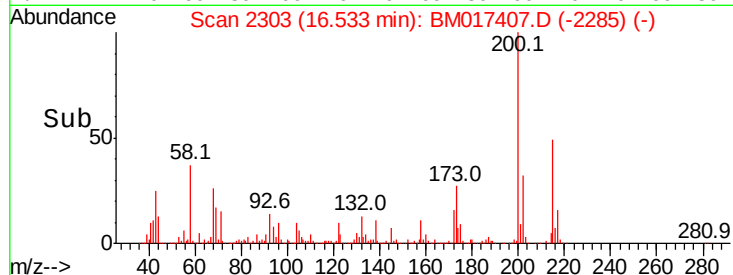
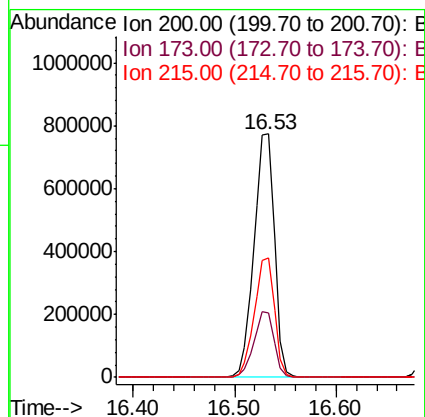
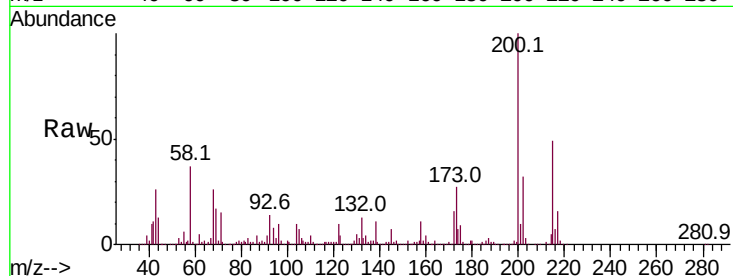
#69
Atrazine
Concen: 50.822 ng
RT: 16.53 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampled :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.0	47.0
215	49.1	27.3	67.3

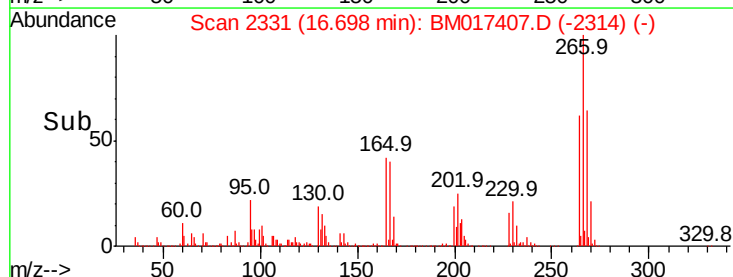
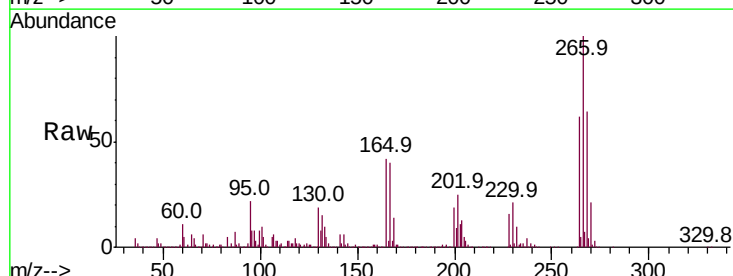
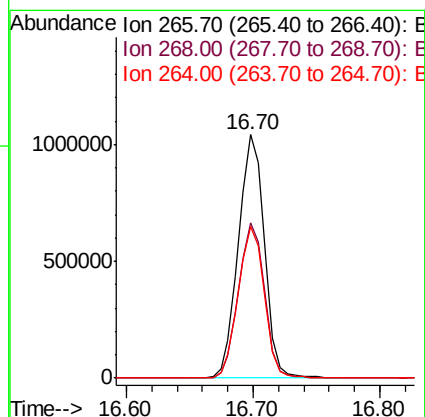
Manual Integrations
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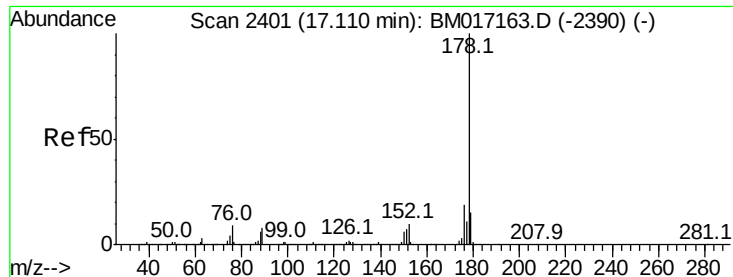
Sohil
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#70
Pentachlorophenol
Concen: 85.723 ng
RT: 16.70 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.7	76.1
264	62.4	50.4	75.6





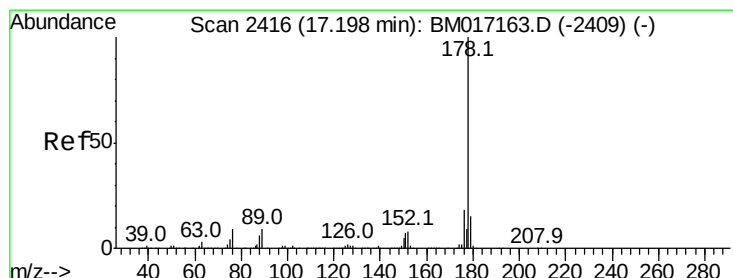
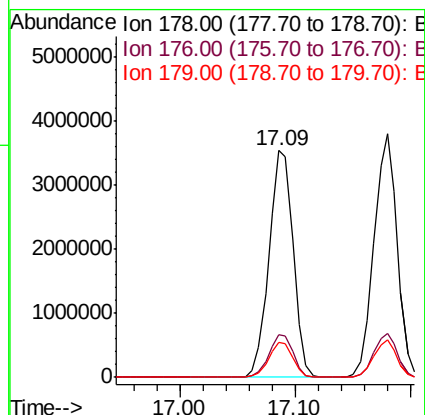
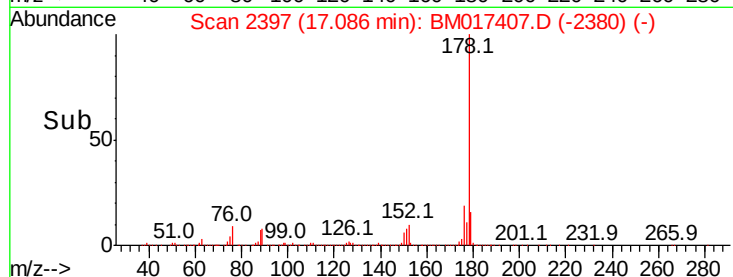
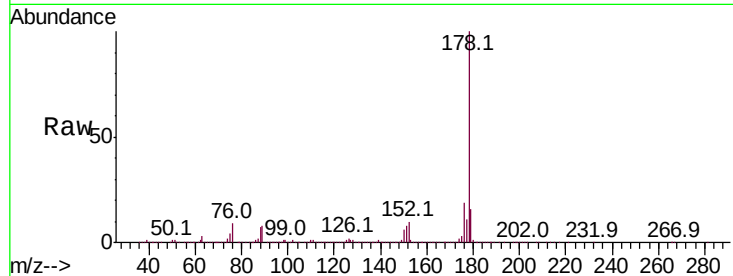
#71
Phenanthrene
Concen: 48.728 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion:178 Resp: 5172623
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.5 12.3 18.5

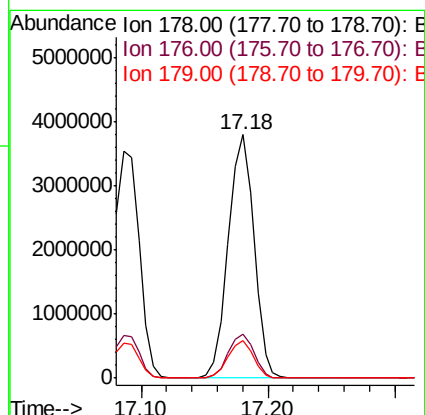
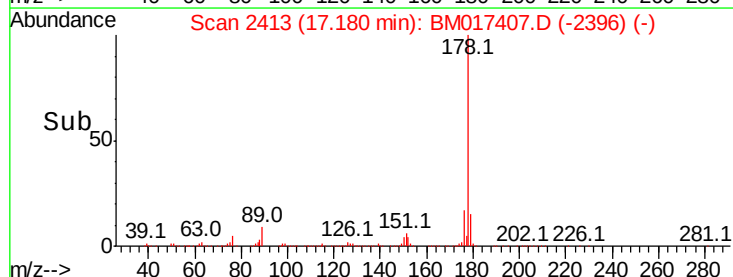
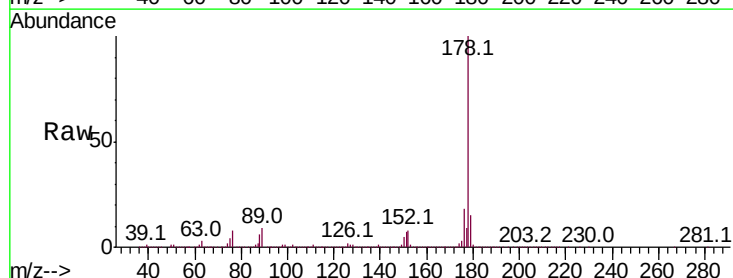
Manual Integrations
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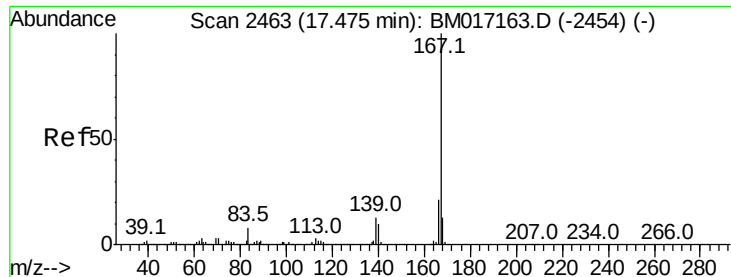
Sohil
10/30/2018 4:43:04 PM



#72
Anthracene
Concen: 52.678 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion:178 Resp: 5313362
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.5 12.2 18.2





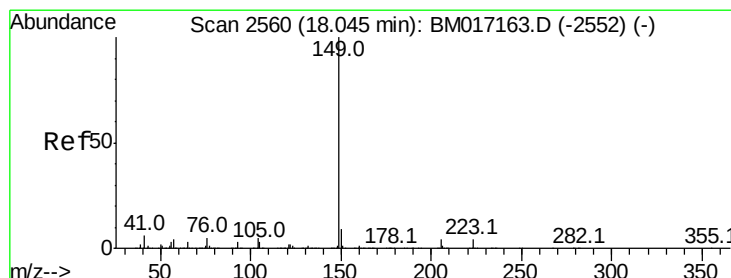
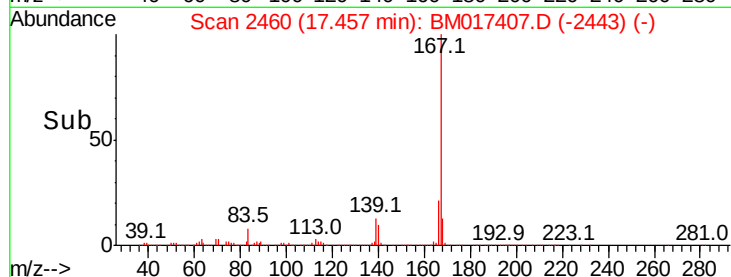
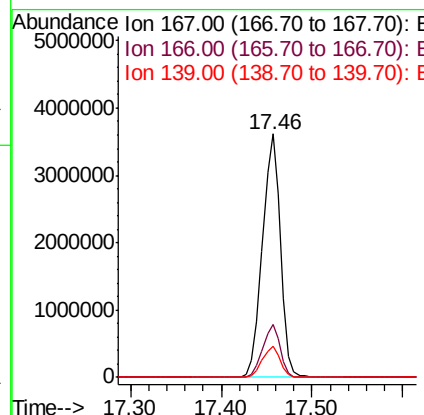
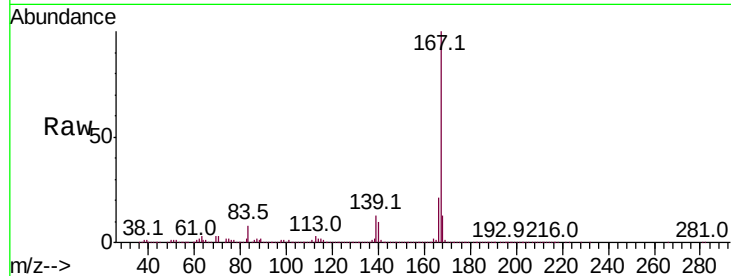
#73
 Carbazole
 Concen: 48.149 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.6	10.1	15.1

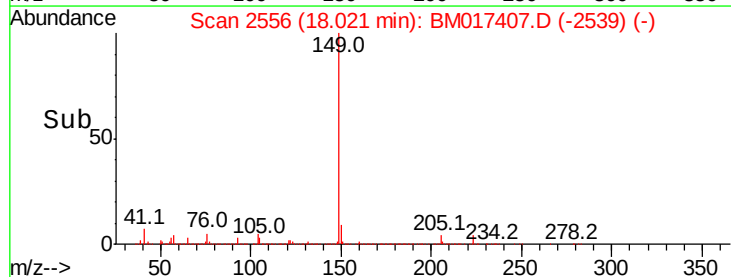
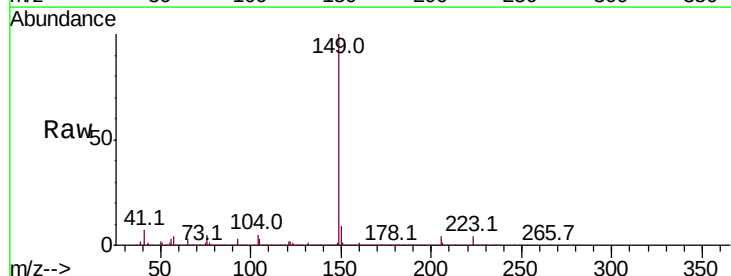
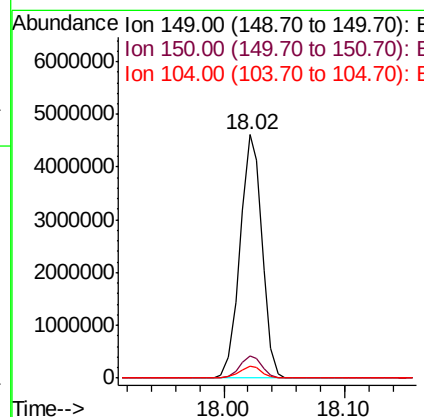
Manual Integrations
 APPROVED

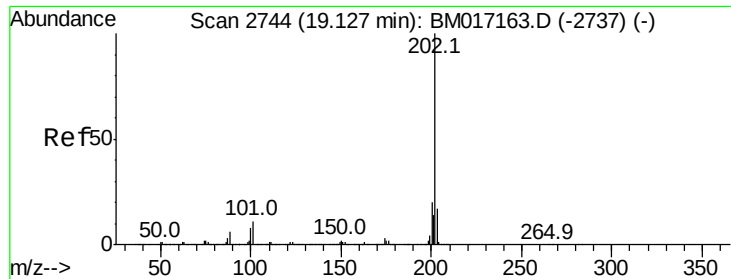
Sohil
 10/30/2018 4:43:04 PM



#74
 Di-n-butylphthalate
 Concen: 53.775 ng
 RT: 18.02 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 52.747 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:202 Resp: 6300739

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

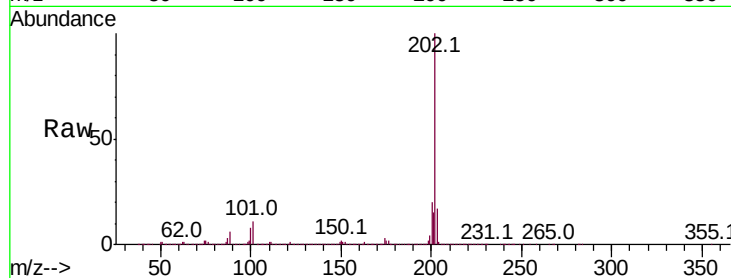
203 17.3 0.0 37.2

Manual Integrations

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Sohil

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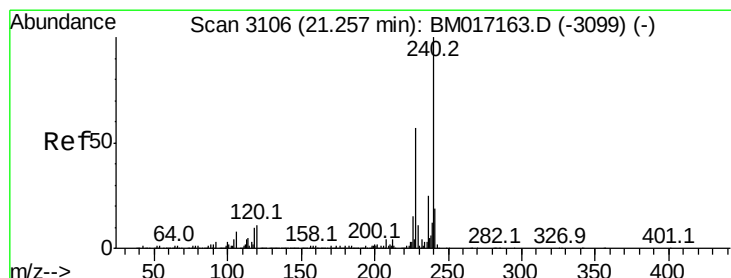
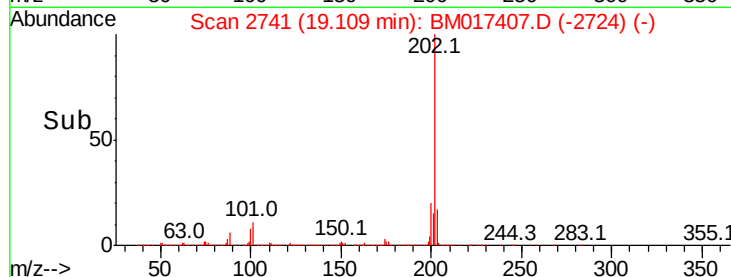
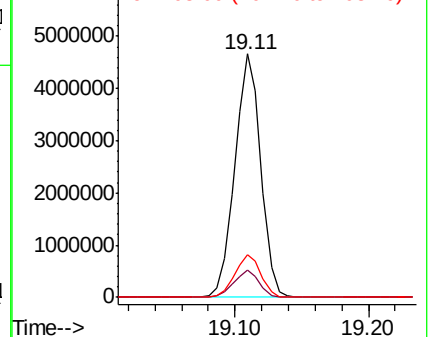


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Tgt Ion:240 Resp: 2287695

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

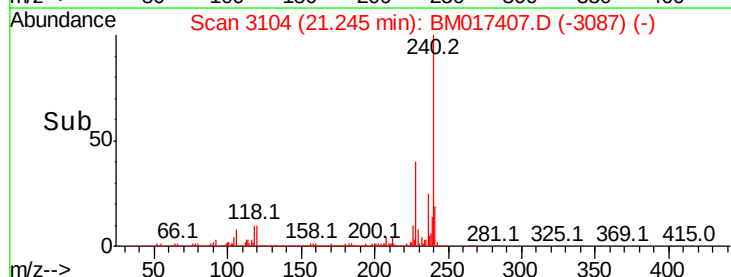
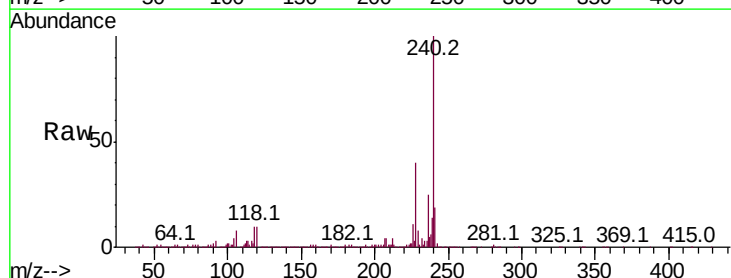
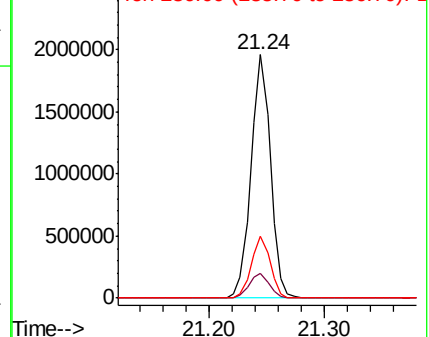
236 25.4 19.9 29.9

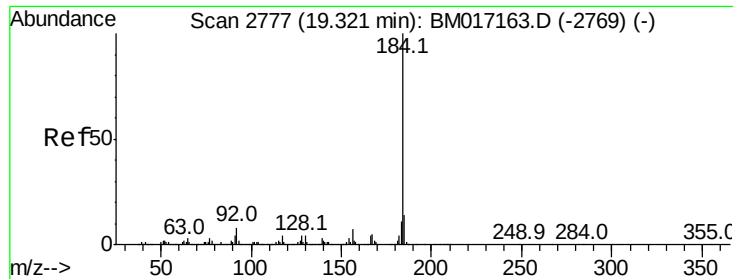
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.255 ng

RT: 19.31 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

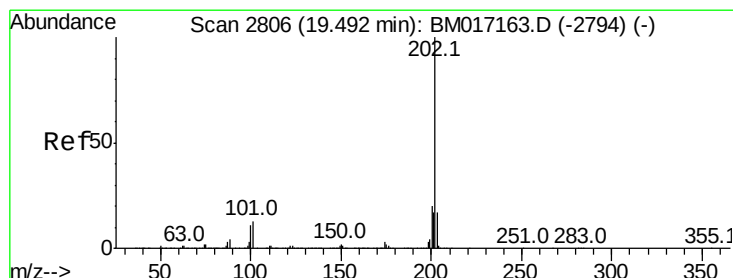
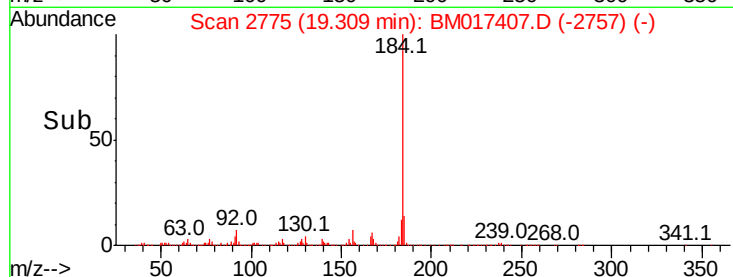
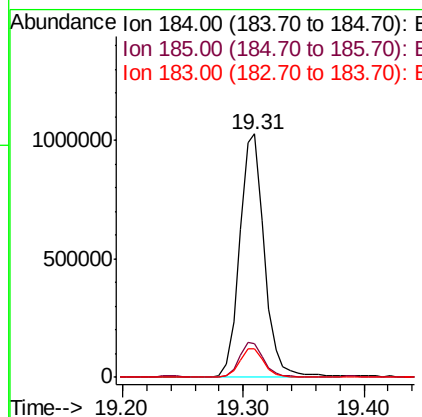
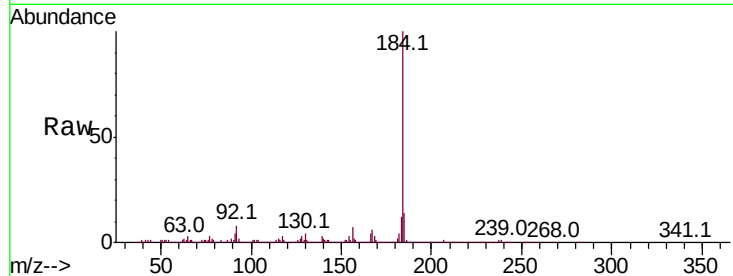
ClientSampleId :

RBR-200030MS

Tot Ion:	184	Resp:	1464994
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	11.8	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 50.000 ng

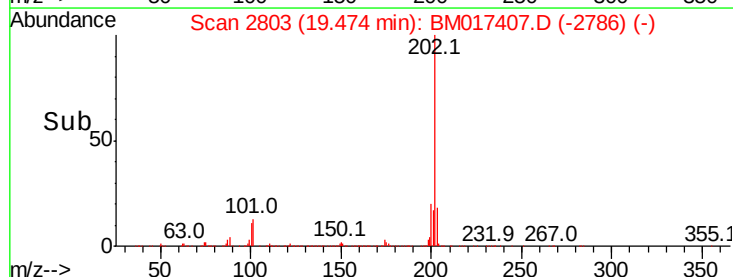
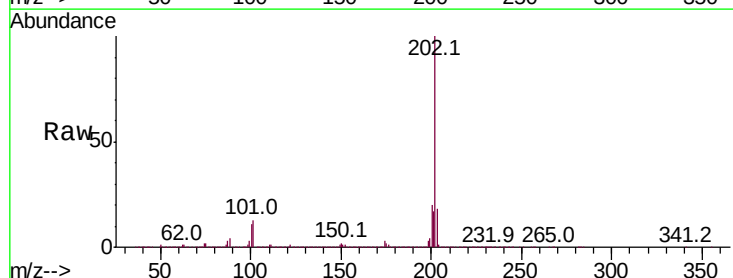
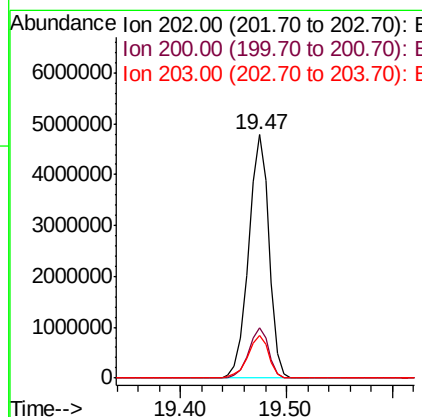
RT: 19.47 min Scan# 2803

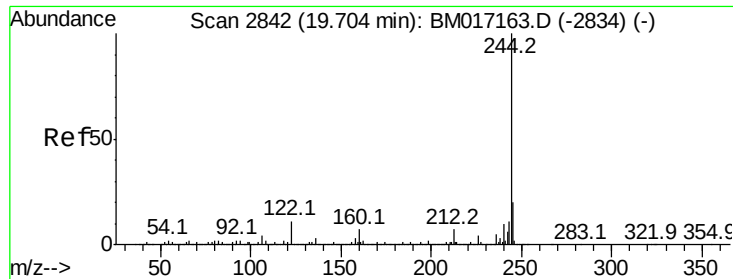
Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Tgt Ion:	202	Resp:	6392964
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.7	13.9	20.9





#79

Terphenyl-d14

Concen: 75.489 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:244 Resp: 7661731

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.9	8.4	12.6

244 100

212 7.2 5.5 8.3

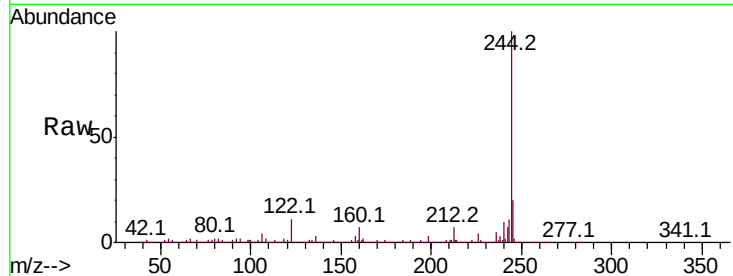
122 10.9 8.4 12.6

Manual Integrations

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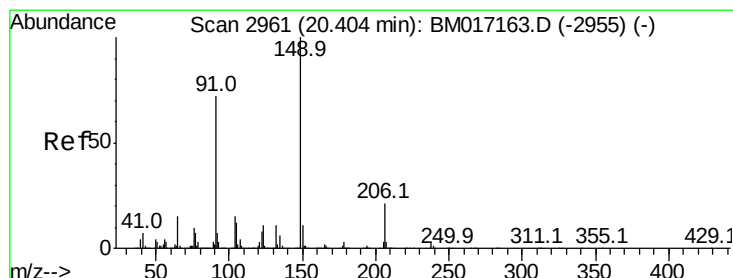
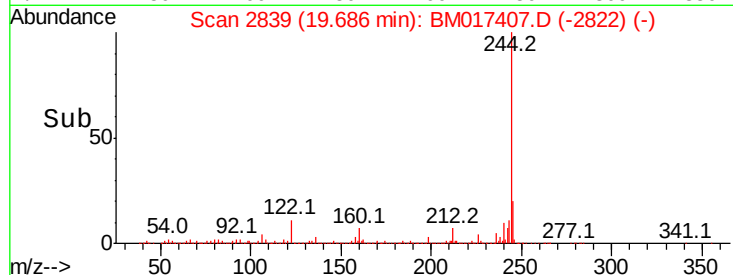
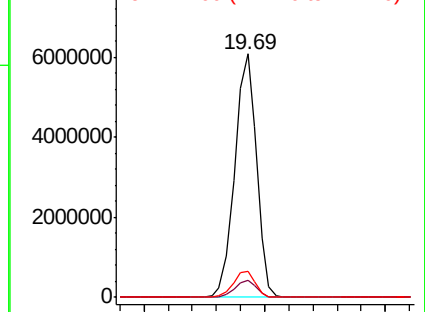


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.572 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

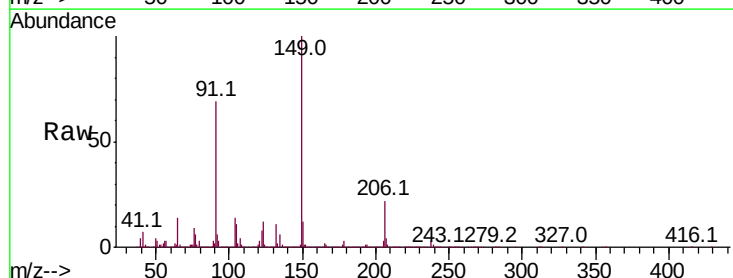
Tgt Ion:149 Resp: 2883024

Ion	Ratio	Lower	Upper
149	100		
91	69.2	51.3	76.9
206	22.2	18.0	27.0

149 100

91 69.2 51.3 76.9

206 22.2 18.0 27.0

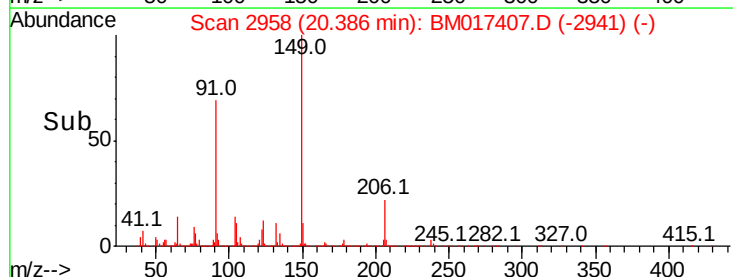
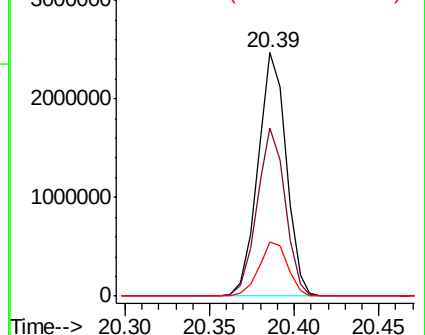


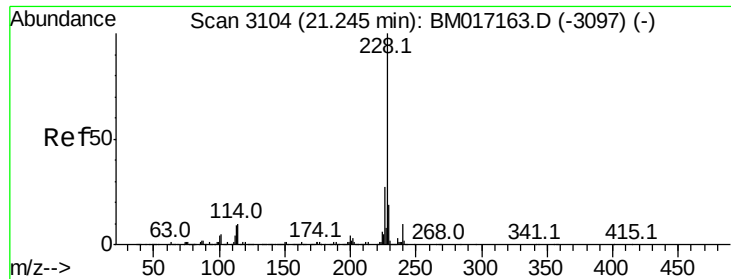
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.868 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:228 Resp: 6548664

Ion Ratio Lower Upper

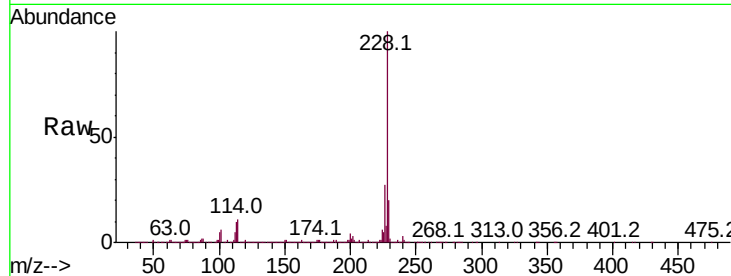
228 100

226 27.3 21.4 32.0

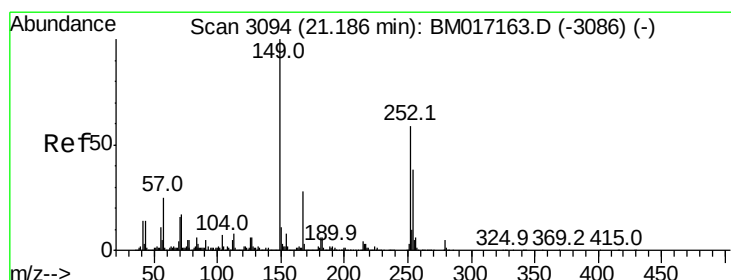
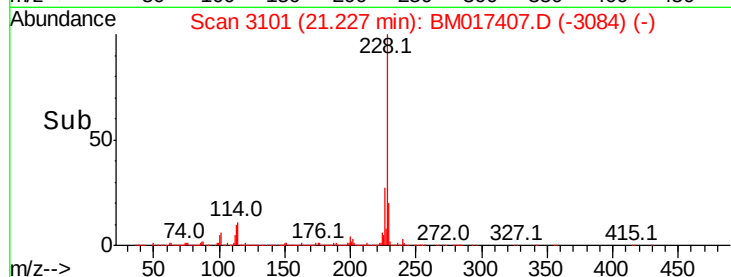
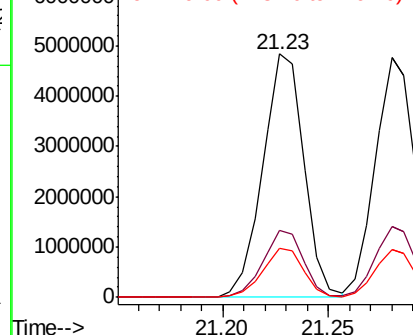
229 19.9 15.9 23.9

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.600 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

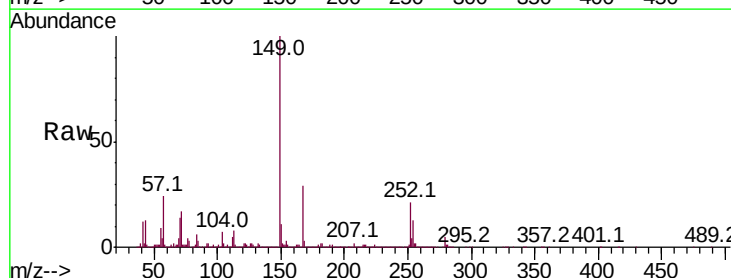
Tgt Ion:252 Resp: 940404

Ion Ratio Lower Upper

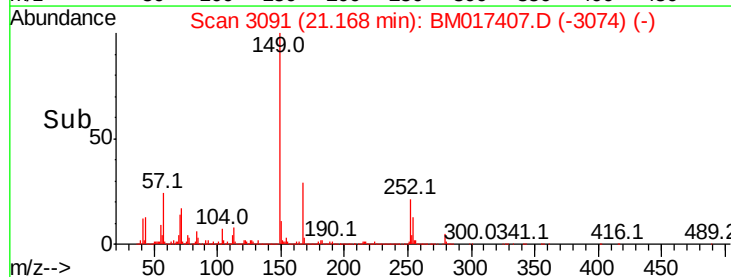
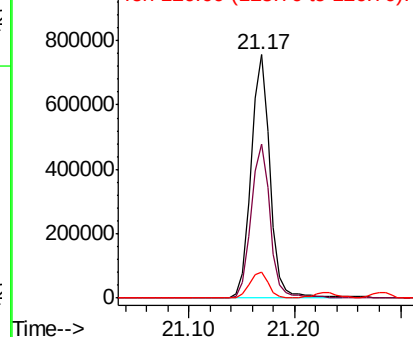
252 100

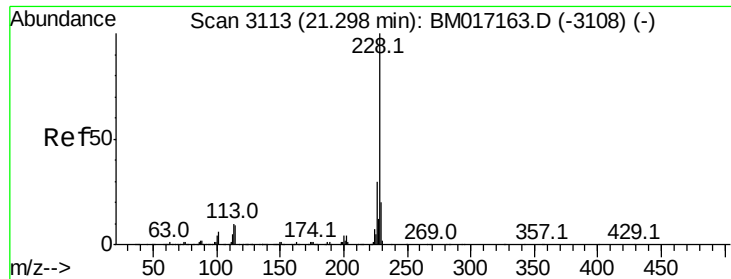
254 63.3 52.1 78.1

126 10.7 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





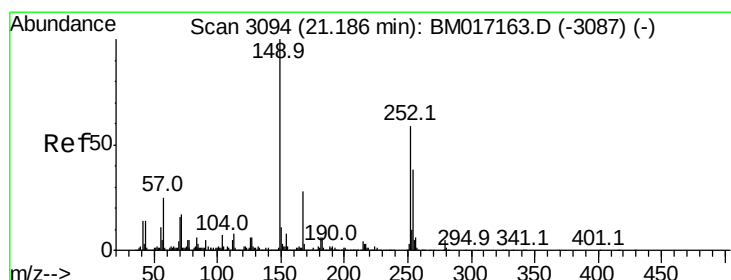
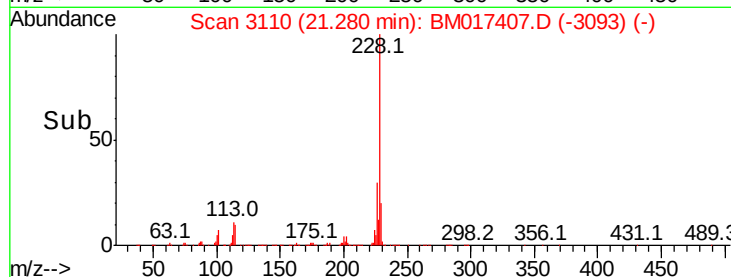
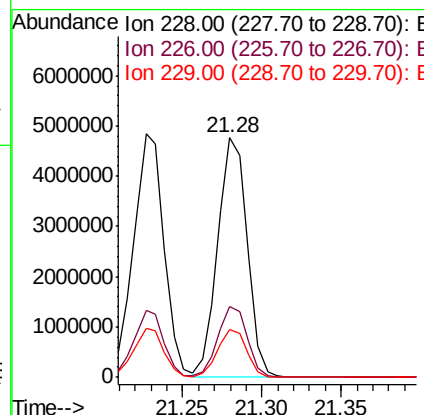
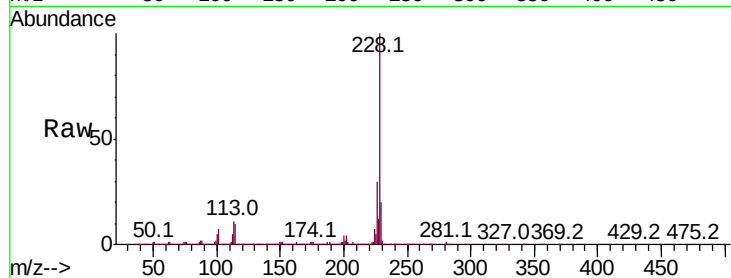
#83
 Chrysene
 Concen: 48.360 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion:228 Resp: 6162294
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.3 34.9
 229 20.0 15.6 23.4

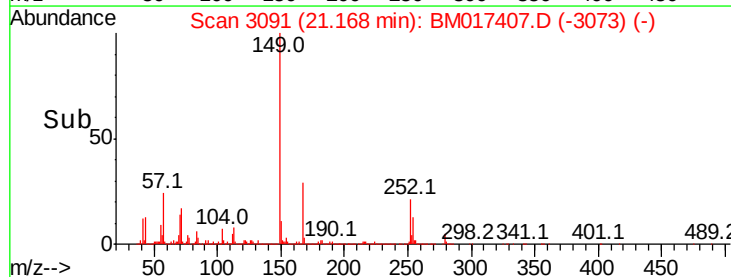
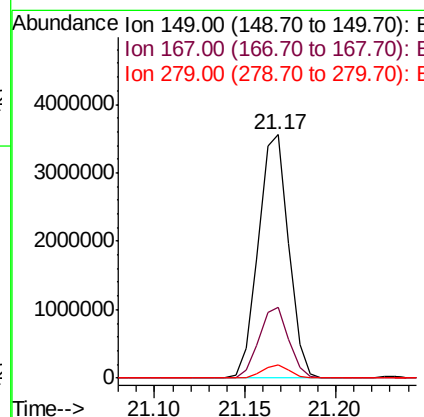
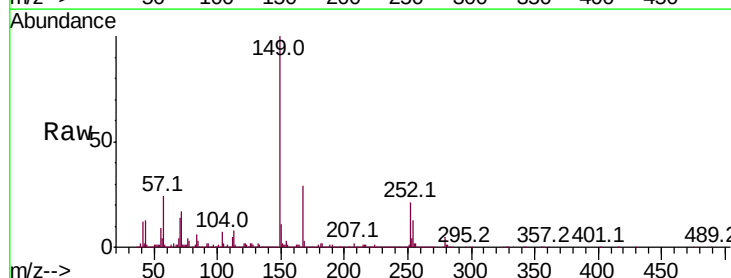
Manual Integrations
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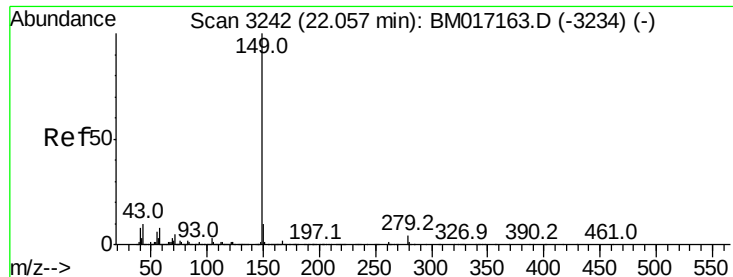
Sohil
 10/30/2018 4:43:04 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.653 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM017407.D
 Acq: 29 Oct 2018 14:28

Tgt Ion:149 Resp: 4130044
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.2 33.4
 279 5.3 3.6 5.4





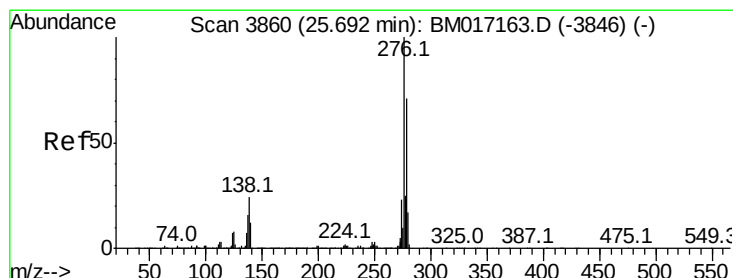
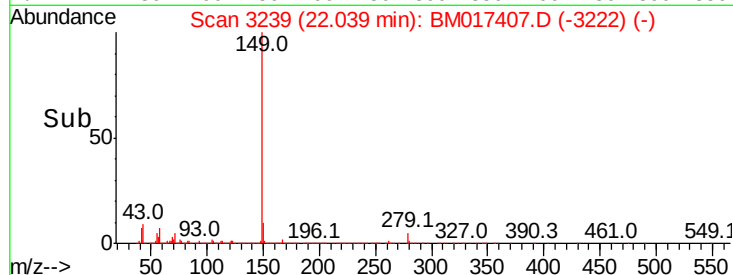
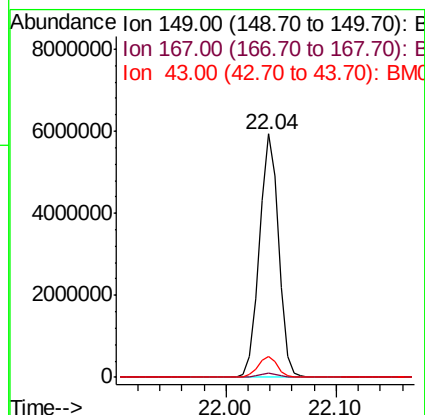
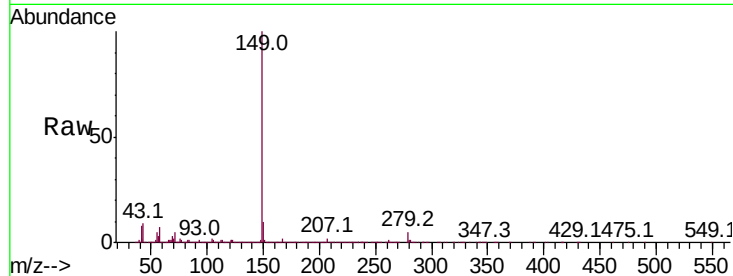
#85
Di-n-octyl phthalate
Concen: 56.352 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.7	7.2	10.8

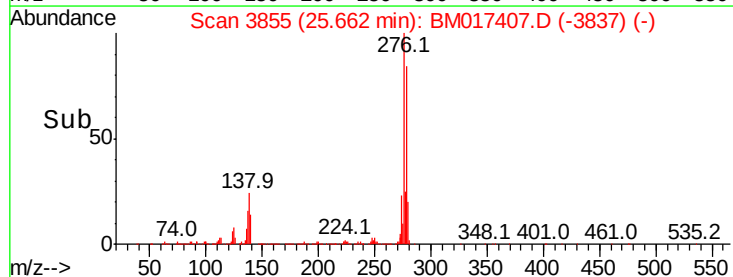
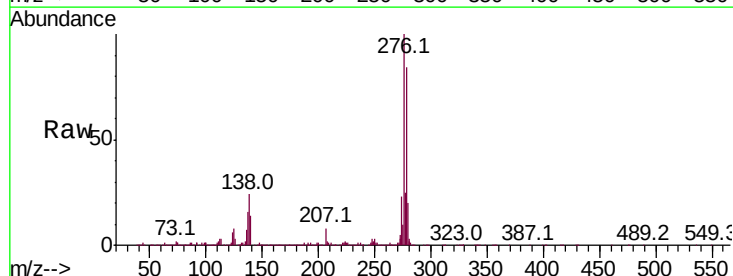
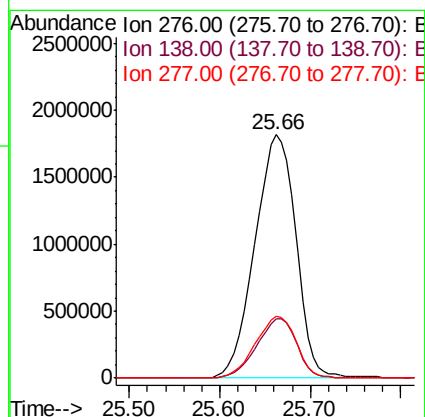
Manual Integrations
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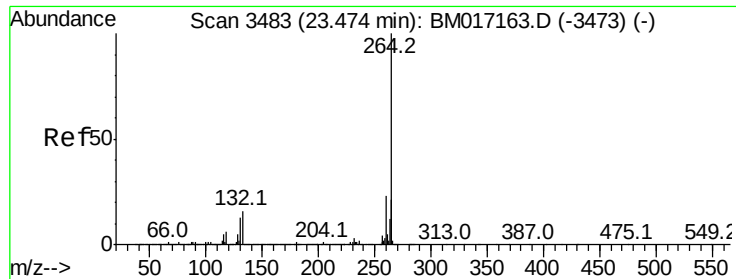
Sohil
10/30/2018 4:43:04 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.994 ng
RT: 25.66 min Scan# 3855
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.5	29.3
277	25.3	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3479

Delta R.T. -0.00 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:264 Resp: 2127730

Ion Ratio Lower Upper

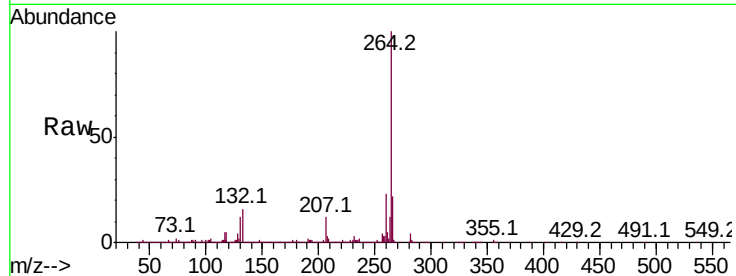
264 100

260 23.3 18.6 27.8

265 21.6 17.8 26.8

Manual Integrations
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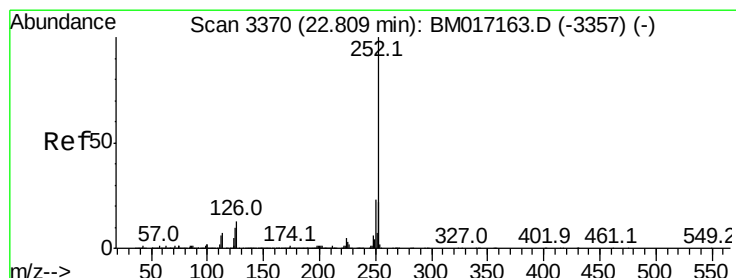
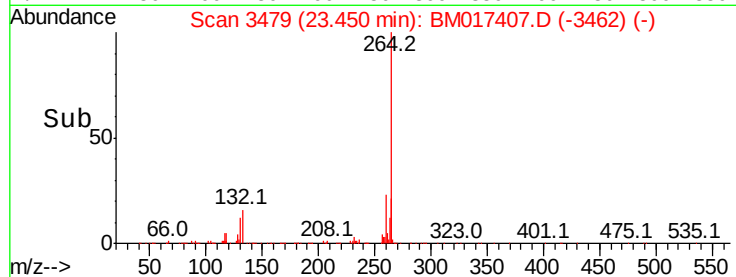
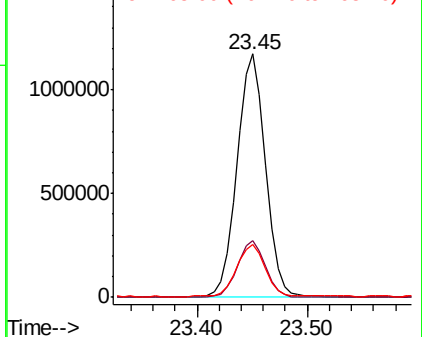


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.174 ng

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BM017407.D

Acq: 29 Oct 2018 14:28

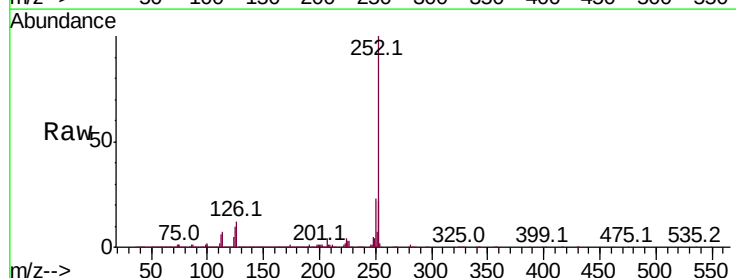
Tgt Ion:252 Resp: 6302138

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.6 7.5 11.3

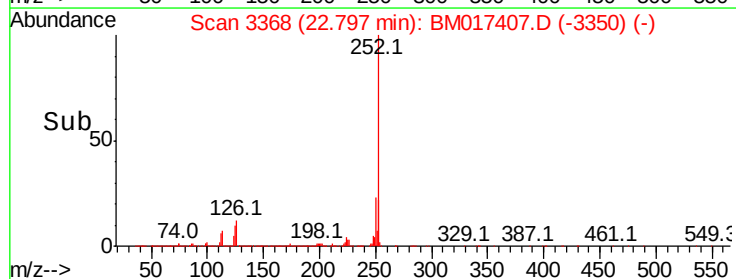
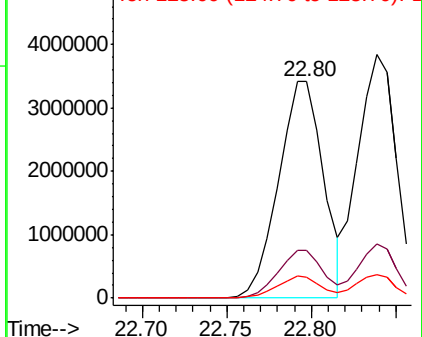


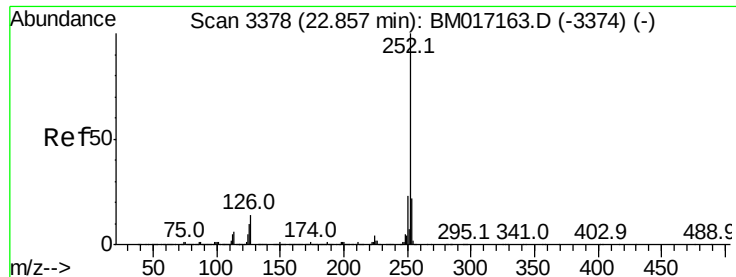
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





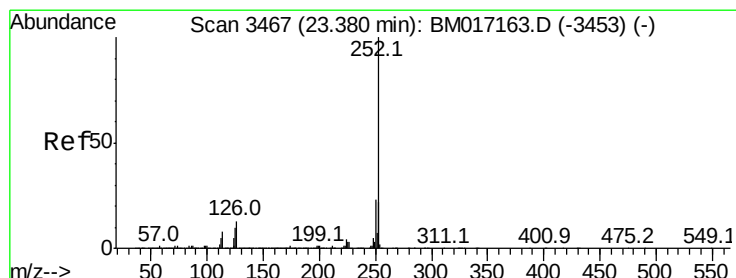
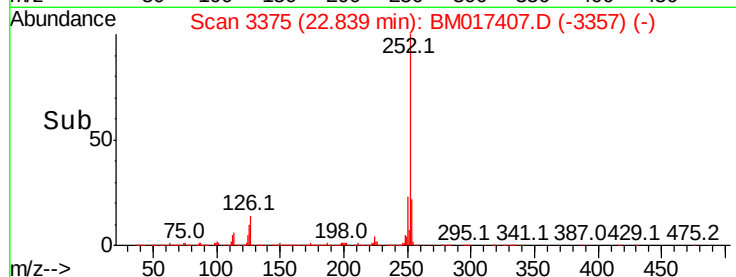
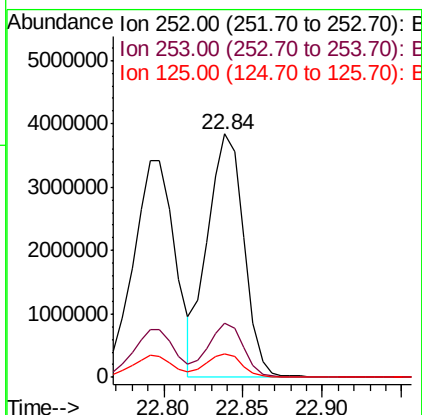
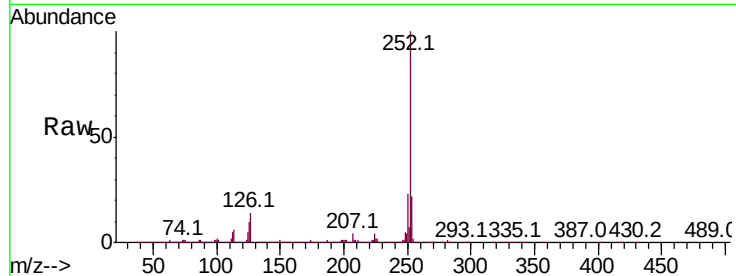
#89
Benzo(k)fluoranthene
Concen: 52.248 ng
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.9	8.2	12.2

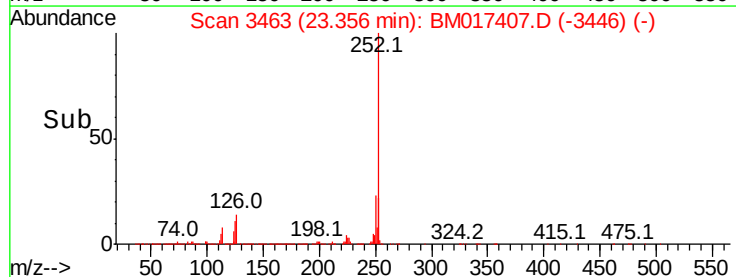
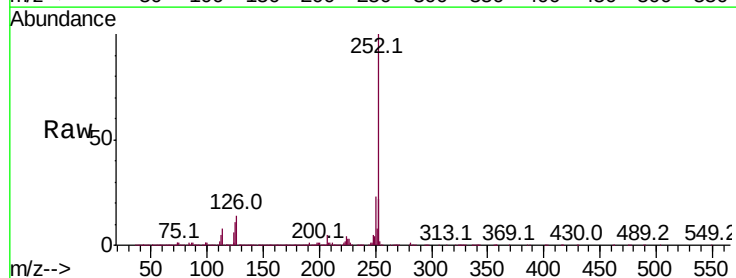
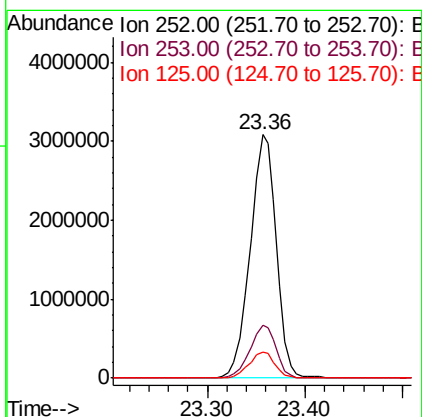
Manual Integrations
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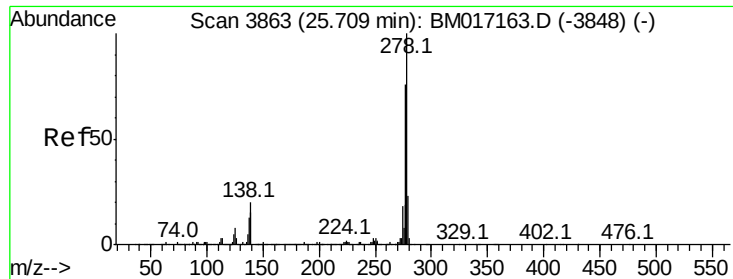
Sohil
10/30/2018 4:43:04 PM



#90
Benzo(a)pyrene
Concen: 52.380 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.8	8.6	13.0





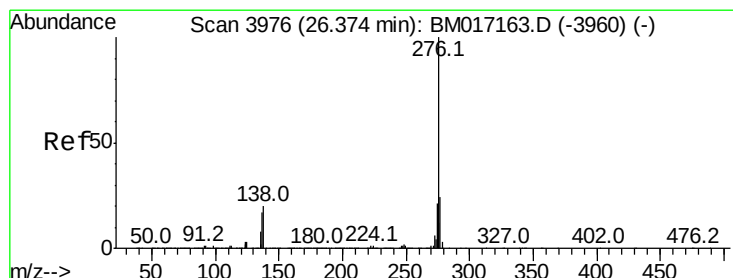
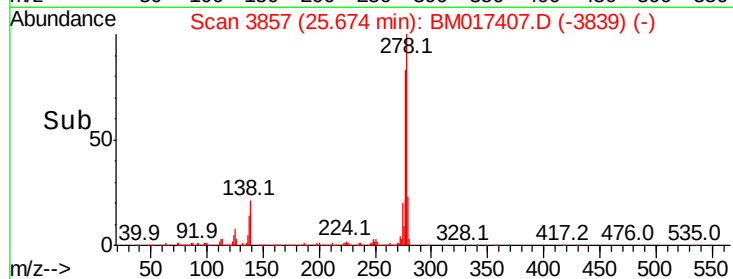
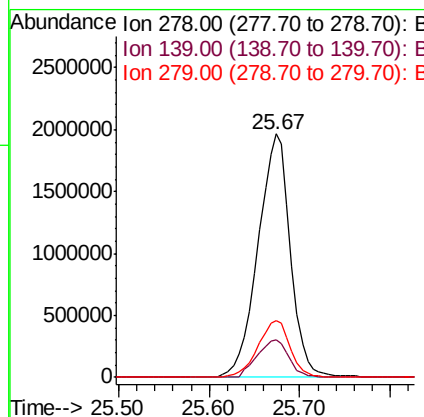
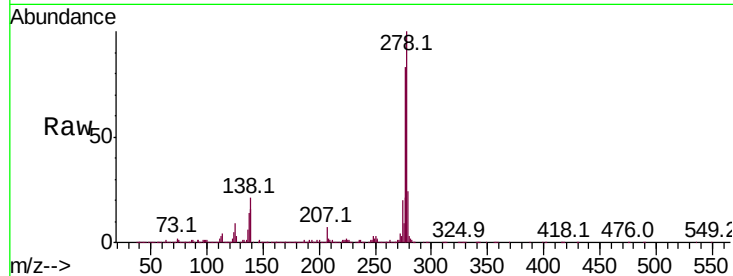
#91
Dibenzo(a,h)anthracene
Concen: 44.475 ng
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion:278 Resp: 4877807
Ion Ratio Lower Upper
278 100
139 15.6 12.7 19.1
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/30/2018 4:43:04 PM



#92
Benzo(g,h,i)perylene
Concen: 41.833 ng
RT: 26.33 min Scan# 3969
Delta R.T. 0.01 min
Lab File: BM017407.D
Acq: 29 Oct 2018 14:28

Tgt Ion:276 Resp: 4547271
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 20.8 16.4 24.6

