

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017258.D
 Acq On : 20 Oct 2018 10:49
 Operator : MJ/SJ
 Sample : J5195-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

Manual Integrations
 APPROVED

Quant Time: Oct 22 04:03:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	330539	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1390488	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	823163	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1827709	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1684776	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1456811	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2264058	115.85	ng	0.00
7) Phenol-d6	6.85	99	2915591	109.54	ng	0.00
23) Nitrobenzene-d5	8.82	82	2021861	85.04	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1405866	126.29	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4686357	75.75	ng	-0.01
79) Terphenyl-d14	19.70	244	6878032	92.02	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	294824	29.543	ng	# 80
3) Pyridine	3.66	79	750047	32.665	ng	# 86
4) n-Nitrosodimethylamine	3.57	42	428745	46.512	ng	# 71
6) Aniline	7.01	93	266885	8.017	ng	98
8) 2-Chlorophenol	7.23	128	1106258	48.930	ng	97
9) Benzaldehyde	6.82	77	439480	25.896	ng	94
10) Phenol	6.87	94	1240125	43.292	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	1001323	43.849	ng	99
12) 1,3-Dichlorobenzene	7.56	146	1150072	43.636	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1175064	43.638	ng	97
14) 1,2-Dichlorobenzene	8.01	146	1132927	43.668	ng	99
15) Benzyl Alcohol	7.91	79	995458	51.166	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1362493	42.707	ng	99
17) 2-Methylphenol	8.11	107	919014	49.983	ng	98
18) Hexachloroethane	8.73	117	423076	45.911	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	844243	48.171	ng	98
20) 3+4-Methylphenols	8.44	107	1243907	49.464	ng	97
22) Acetophenone	8.49	105	1653720	46.918	ng	# 99
24) Nitrobenzene	8.86	77	1236340	49.162	ng	95
25) Isophorone	9.39	82	2279781	58.070	ng	98
26) 2-Nitrophenol	9.56	139	603004	50.849	ng	97
27) 2,4-Dimethylphenol	9.63	122	1060644	61.098	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1429872	51.746	ng	100
29) 2,4-Dichlorophenol	10.09	162	1110446	55.093	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	1122310	46.417	ng	99
31) Naphthalene	10.49	128	3438606	50.462	ng	99
32) Benzoic acid	9.79	122	674715	52.091	ng	90
33) 4-Chloroaniline	10.62	127	125170	4.253	ng	98
34) Hexachlorobutadiene	10.77	225	692305	45.189	ng	99
35) Caprolactam	11.41	113	288660m	39.297	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1210489	53.279	ng	96
37) 2-Methylnaphthalene	12.11	142	2638981	56.594	ng	98
38) 1-Methylnaphthalene	12.33	142	2487509	54.810	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1346650	46.454	ng	98

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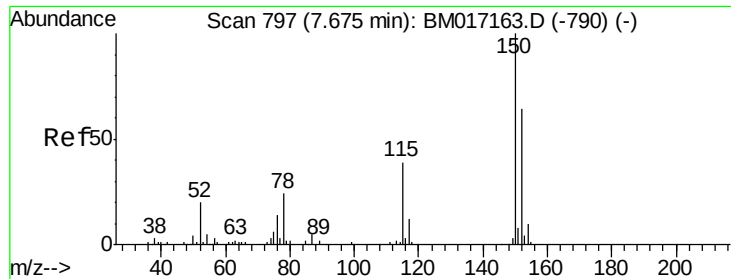
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 QLast Update : Wed Oct 17 14:23:17 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1846776	131.778	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	925344	54.988	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	993535	55.058	ng	97
46) 1,1'-Biphenyl	13.13	154	3377160	45.590	ng	99
47) 2-Chloronaphthalene	13.17	162	2616832	48.019	ng	99
48) 2-Nitroaniline	13.39	65	762864	49.366	ng	94
49) Acenaphthylene	14.03	152	4272820	54.092	ng	99
50) Dimethylphthalate	13.78	163	3315181	52.201	ng	100
51) 2,6-Dinitrotoluene	13.90	165	735579	52.625	ng	99
52) Acenaphthene	14.37	154	2506006	50.528	ng	98
53) 3-Nitroaniline	14.22	138	214633	14.178	ng	97
54) 2,4-Dinitrophenol	14.43	184	939121	110.976	ng	99
55) Dibenzofuran	14.71	168	3987242	48.344	ng	99
56) 4-Nitrophenol	14.54	139	1623266	115.433	ng	95
57) 2,4-Dinitrotoluene	14.69	165	1032568	54.963	ng	# 98
58) Fluorene	15.36	166	3229825	52.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	917232	55.762	ng	98
60) Diethylphthalate	15.15	149	3334137	52.939	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1657671	47.630	ng	95
62) 4-Nitroaniline	15.40	138	724980	43.416	ng	97
63) Azobenzene	15.65	77	3130570	51.139	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	618079	51.982	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2858242	51.689	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	1067877	53.212	ng	97
68) Hexachlorobenzene	16.36	284	1145998	49.160	ng	99
69) Atrazine	16.54	200	1038707	52.484	ng	98
70) Pentachlorophenol	16.71	266	1390121	87.051	ng	99
71) Phenanthrene	17.10	178	5066995	51.384	ng	99
72) Anthracene	17.19	178	5151342	54.978	ng	100
73) Carbazole	17.47	167	4562926	47.673	ng	100
74) Di-n-butylphthalate	18.03	149	5506745	54.549	ng	99
75) Fluoranthene	19.12	202	5629033	50.729	ng	98
77) Benzidine	19.32	184	206943	4.844	ng	99
78) Pyrene	19.49	202	5649787	60.000	ng	100
80) Butylbenzylphthalate	20.40	149	2347550	62.897	ng	96
81) Benzo(a)anthracene	21.23	228	5136932	54.182	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	617359	17.471	ng	100
83) Chrysene	21.29	228	4870579	51.902	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3273724	58.419	ng	100
85) Di-n-octyl phthalate	22.05	149	5132279	54.417	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	4597125	43.798	ng	99
88) Benzo(b)fluoranthene	22.80	252	4431565	55.639	ng	99
89) Benzo(k)fluoranthene	22.85	252	4486102	56.131	ng	99
90) Benzo(a)pyrene	23.37	252	4174422	55.199	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3873191	51.579	ng	99
92) Benzo(g,h,i)perylene	26.35	276	3851935	51.756	ng	99

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



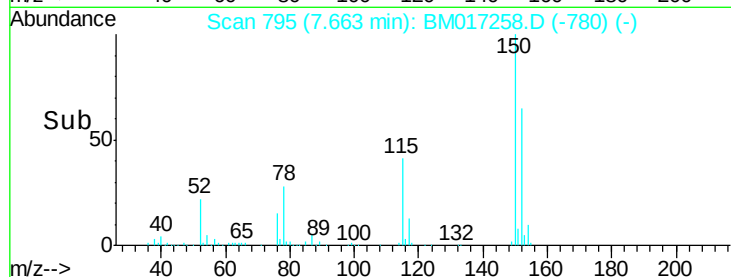
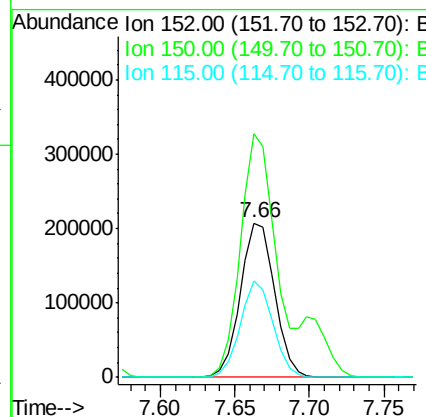
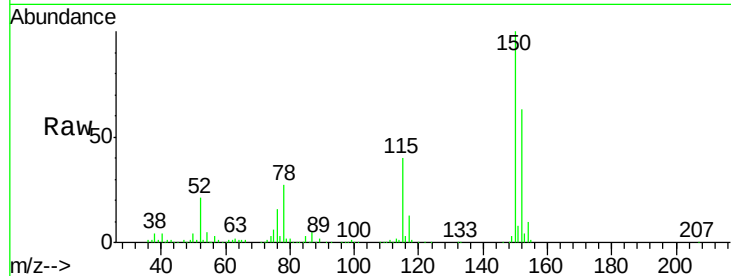
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

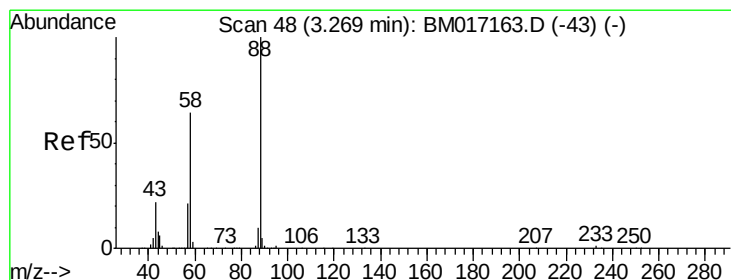
Tgt Ion	Ratio	Lower	Upper
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150	157.9	124.3	186.5
115	62.8	48.1	72.1

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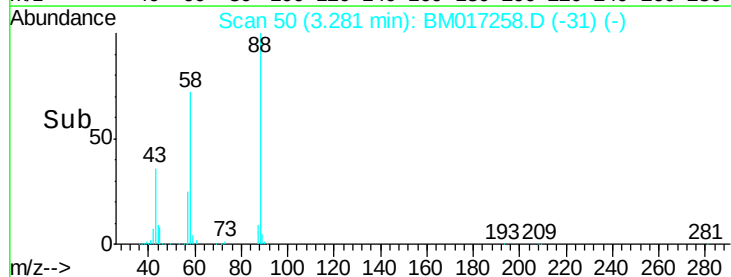
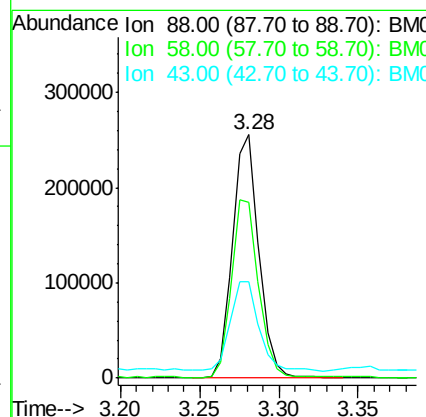
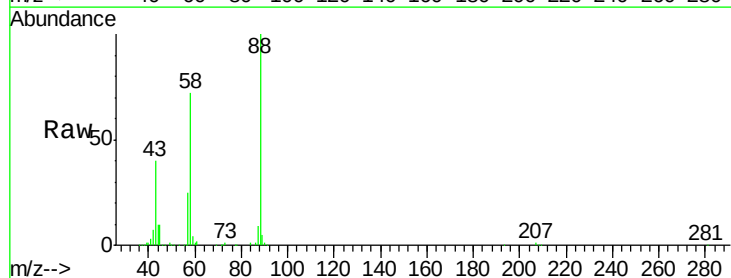
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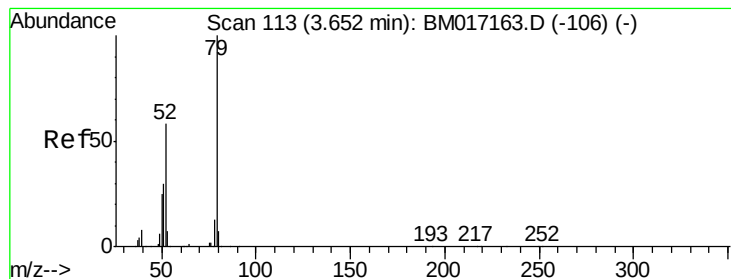


#2

1,4-Dioxane
Concen: 29.543 ng
RT: 3.28 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	50.2	75.4
43	39.7	19.3	28.9





#3

Pyridine

Concen: 32.665 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

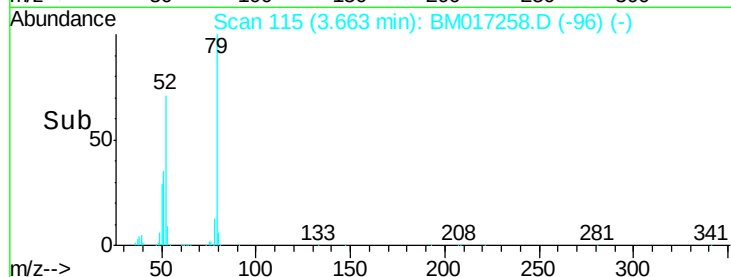
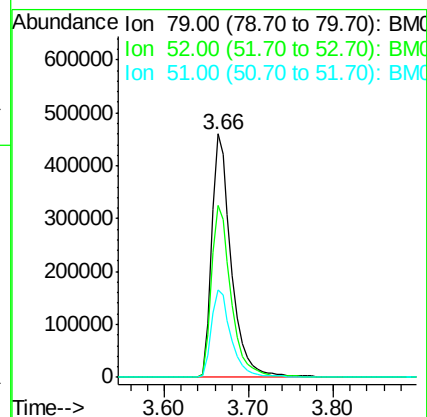
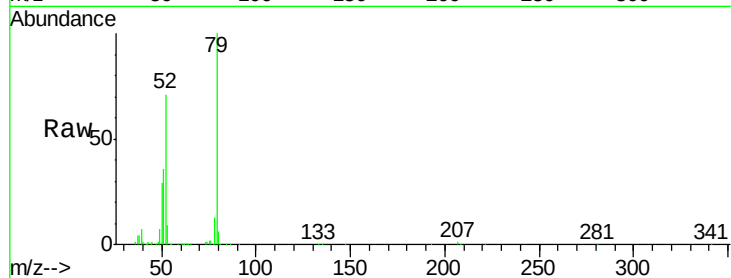
Tgt Ion: 79 Resp: 750047
Ion Ratio Lower Upper

79 100

52 70.6 46.5 69.7#

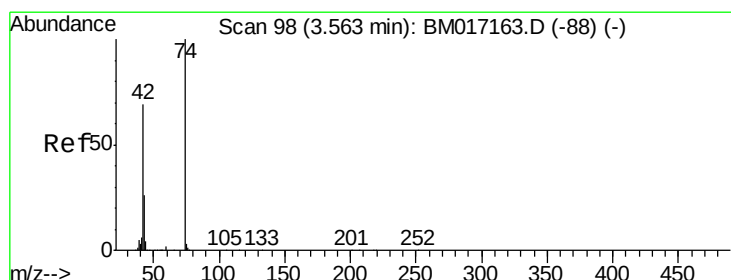
51 35.7 24.6 37.0

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#4

n-Nitrosodimethylamine

Concen: 46.512 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.01 min

Lab File: BM017258.D

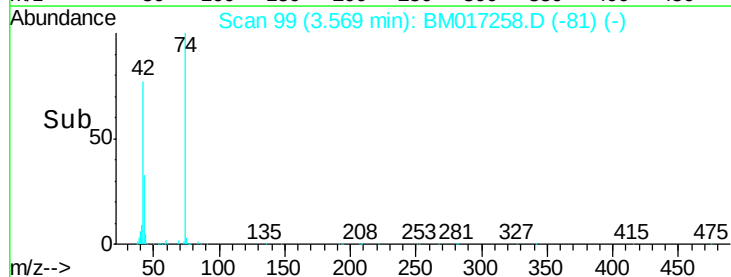
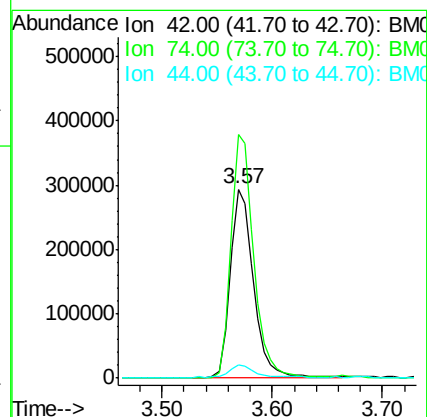
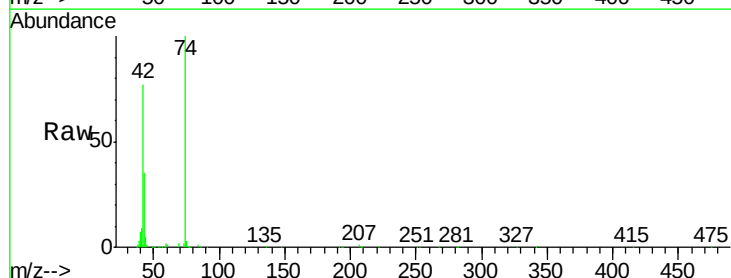
Acq: 20 Oct 2018 10:49

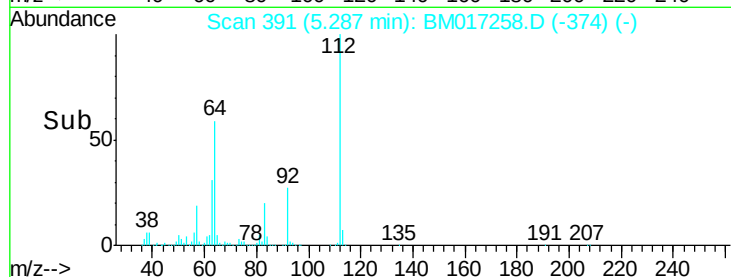
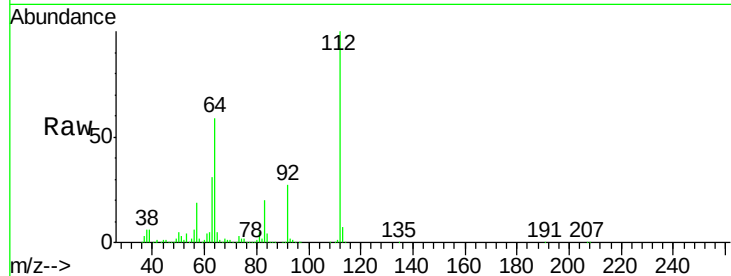
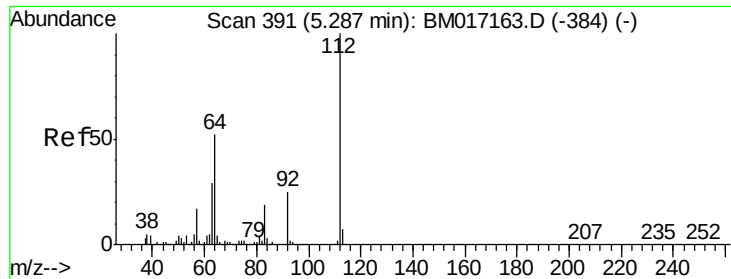
Tgt Ion: 42 Resp: 428745
Ion Ratio Lower Upper

42 100

74 129.1 114.4 171.6

44 6.8 48.6 73.0#



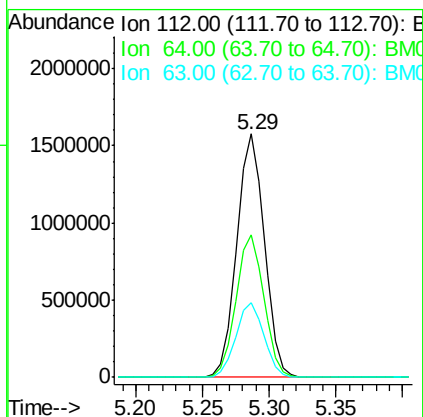


#5
2-Fluorophenol
Concen: 115.850 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	41.7	62.5
63	30.7	23.0	34.4

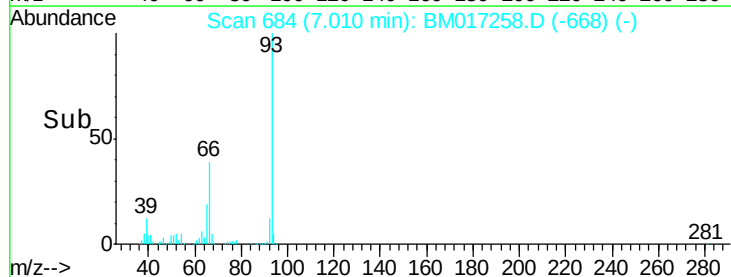
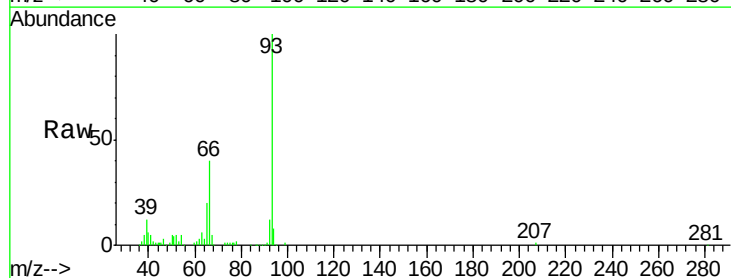
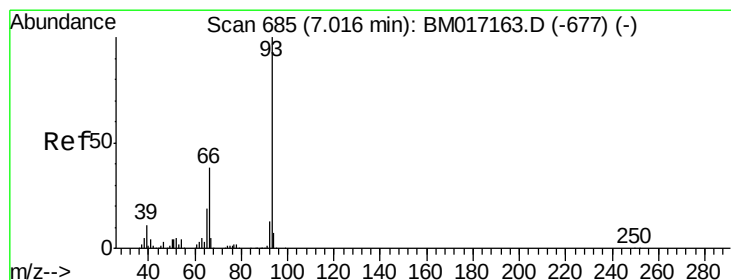
Instrument :
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ClientSampleId :
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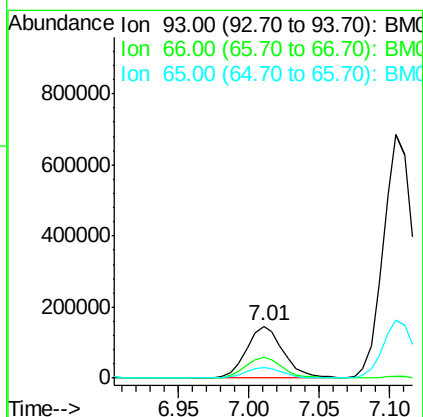
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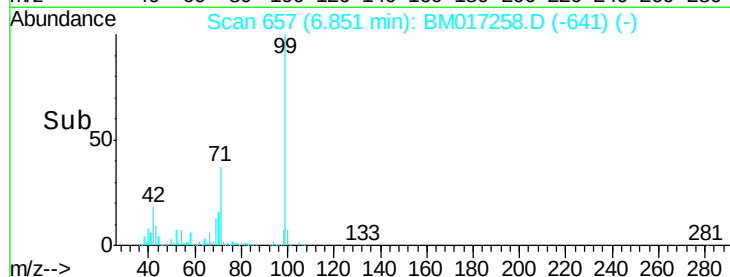
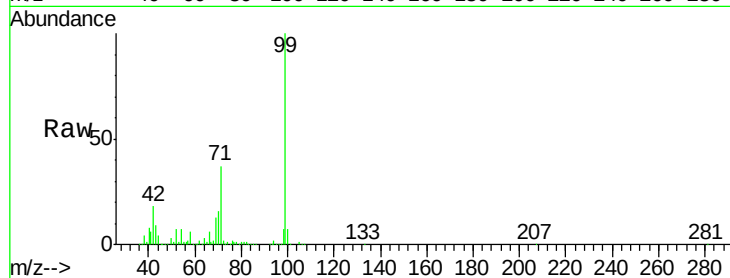
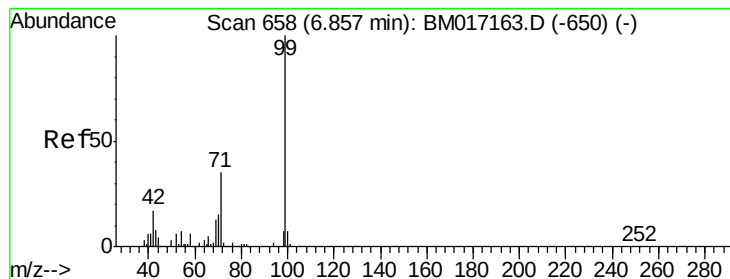
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#6
Aniline
Concen: 8.017 ng
RT: 7.01 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.7	30.4	45.6
65	19.8	15.3	22.9





#7

Phenol-d6

Concen: 109.540 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:	99	Resp:	2915591
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.3	19.9
71	36.6	28.0	42.0

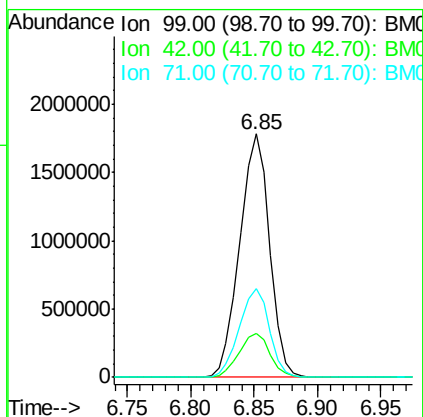
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BNA_M

ClientSampleId :

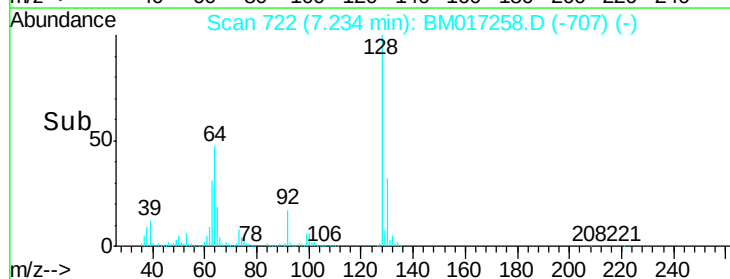
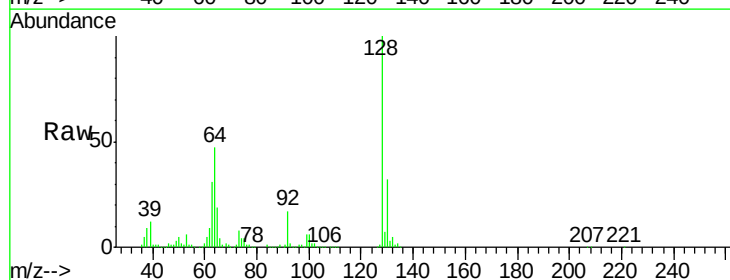
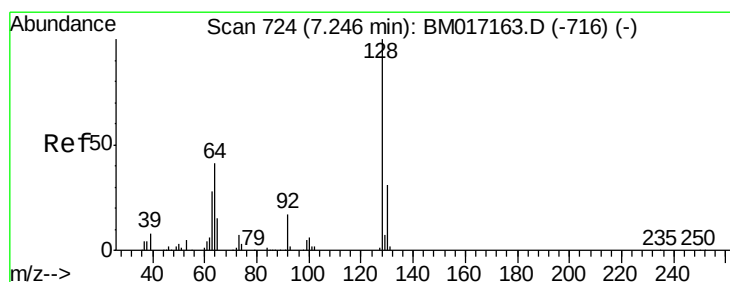
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#8

2-Chlorophenol

Concen: 48.930 ng

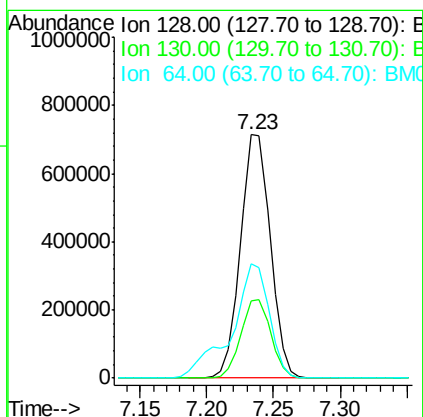
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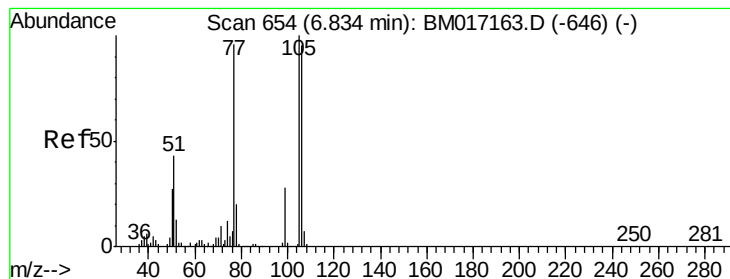
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:	128	Resp:	1106258
Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.0	51.0
64	46.9	24.1	64.1





#9

Benzaldehyde

Concen: 25.896 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

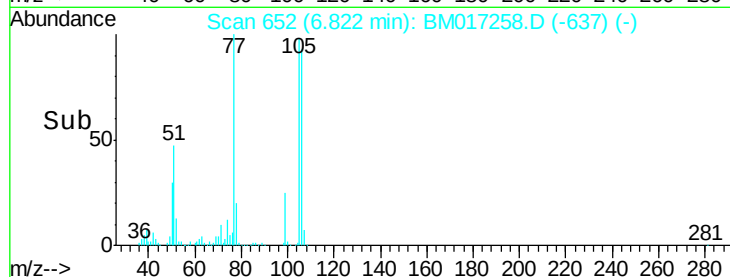
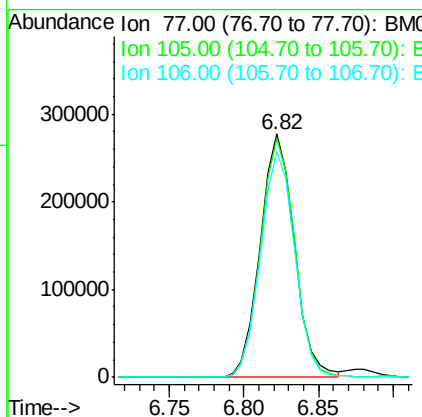
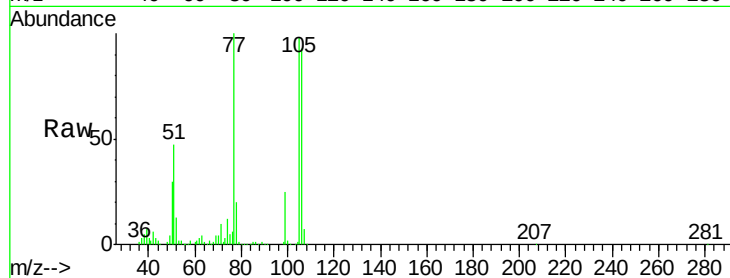
BNA_M

ClientSampleId :

JC-02-101818-AMS

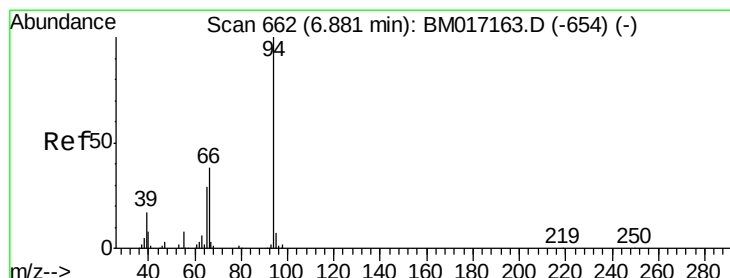
Tgt Ion:	77	Resp:	439480
Ion	Ratio	Lower	Upper
77	100		
105	98.0	83.9	123.9
106	92.8	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 43.292 ng

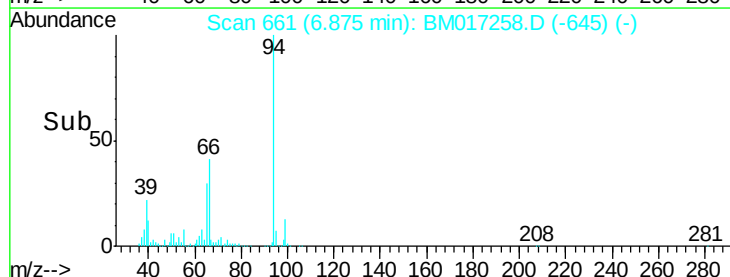
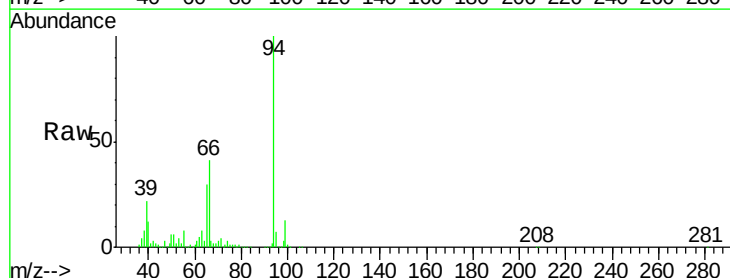
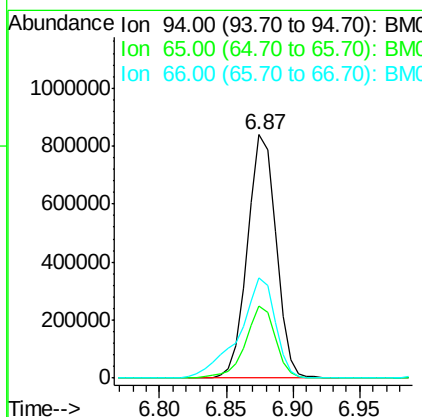
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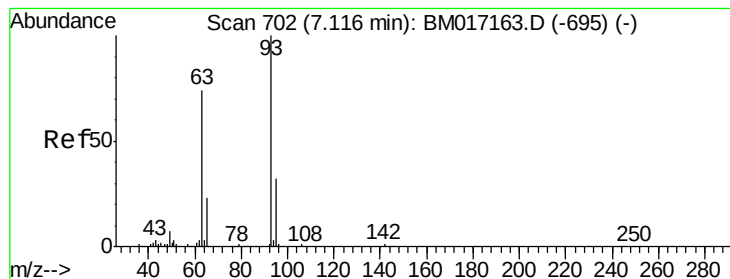
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:	94	Resp:	1240125
Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.4	49.4
66	41.2	19.0	59.0



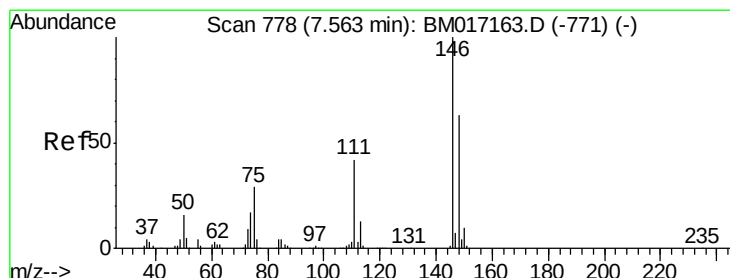
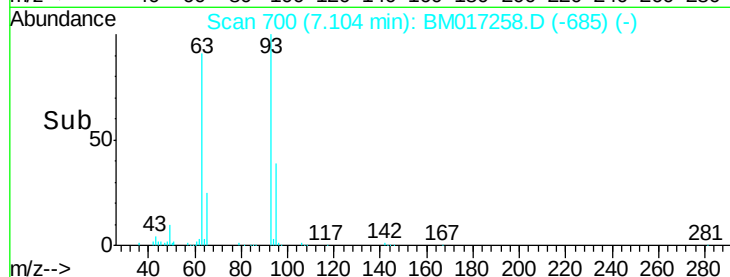
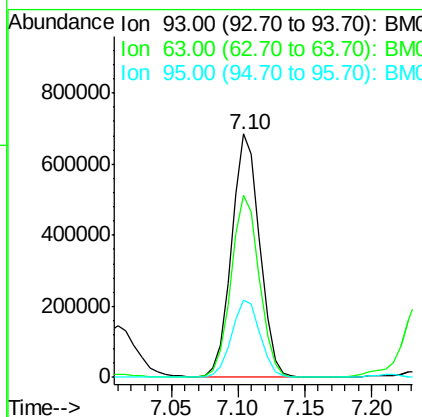
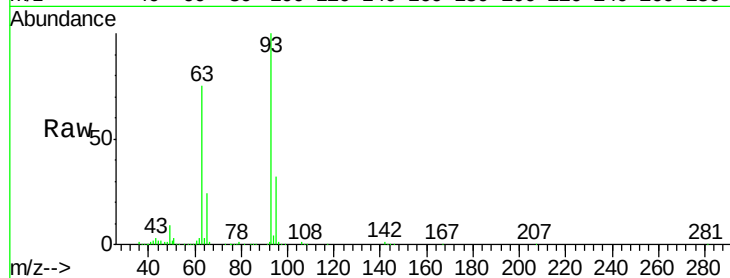


#11
bis(2-Chloroethyl)ether
Concen: 43.849 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

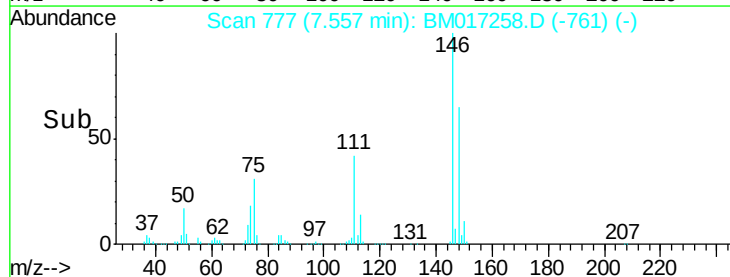
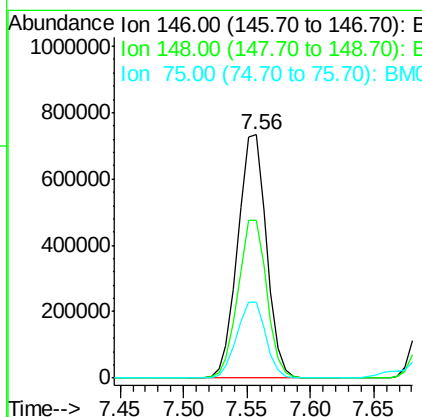
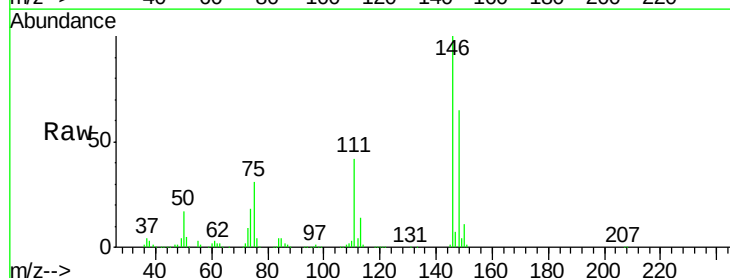
Tgt Ion: 93 Resp: 1001323
Ion Ratio Lower Upper
93 100
63 74.6 54.0 94.0
95 31.8 11.8 51.8

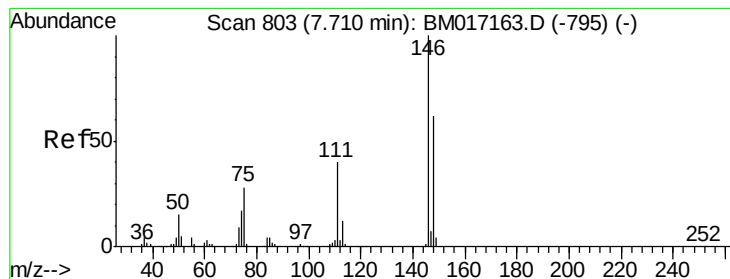
Manual Integrations
APPROVED



#12
1,3-Dichlorobenzene
Concen: 43.636 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 146 Resp: 1150072
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.4
75 31.2 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 43.638 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion:146 Resp: 1175064

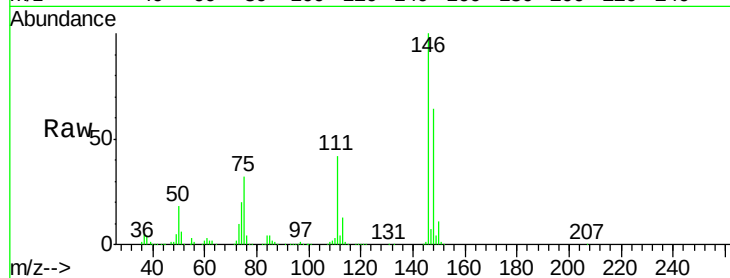
Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

111 41.7 32.1 48.1

Manual Integrations
APPROVED

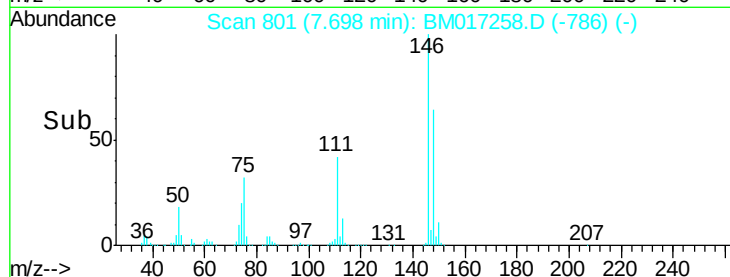
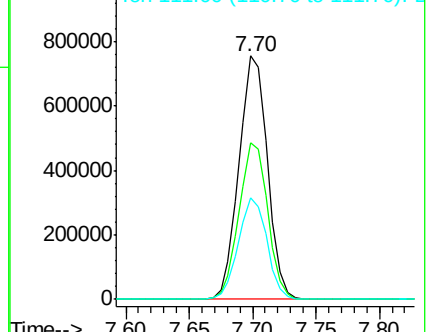


Abundance

Ion 146.00 (145.70 to 146.70): E

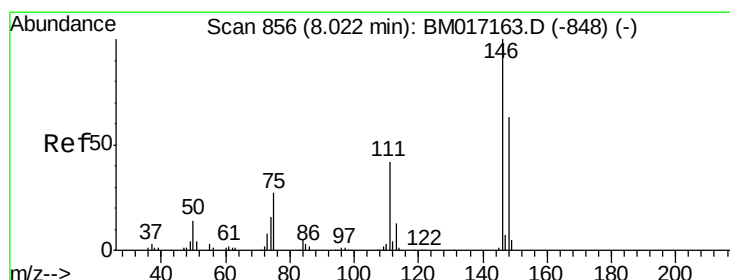
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 43.668 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

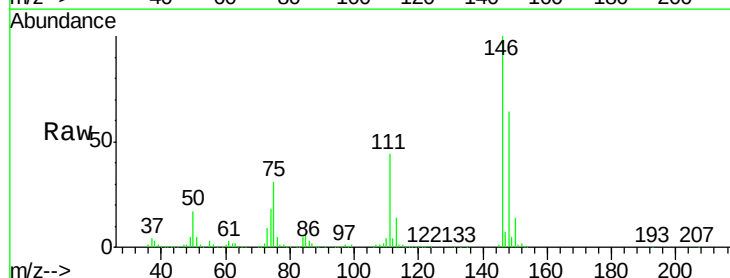
Tgt Ion:146 Resp: 1132927

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 44.1 33.8 50.6

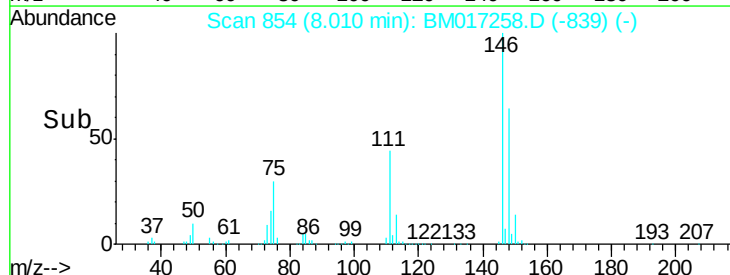
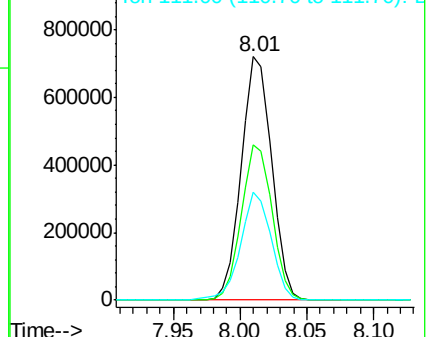


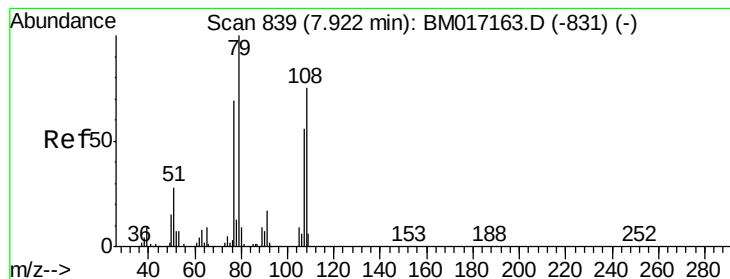
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.166 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

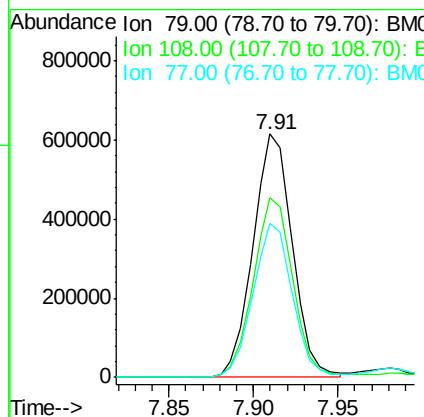
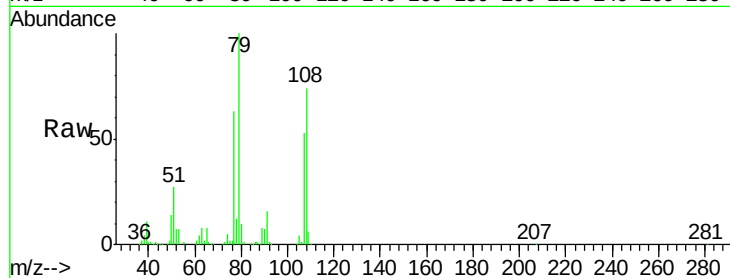
BNA_M

ClientSampleId :

JC-02-101818-AMS

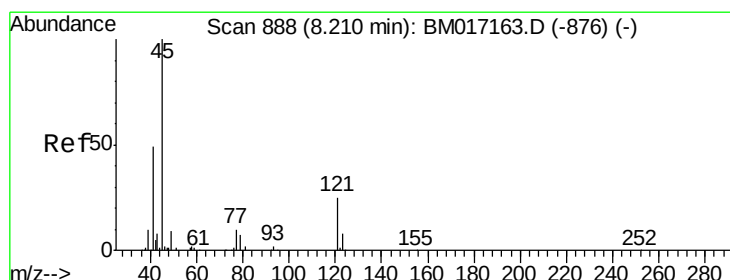
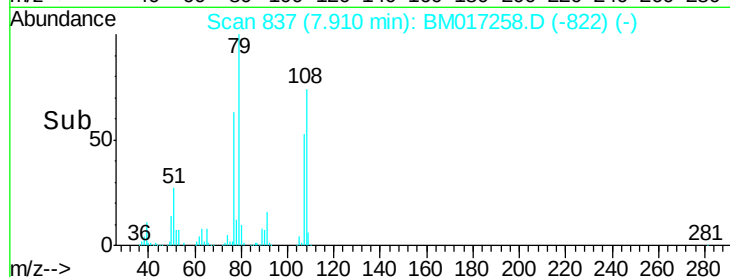
Tgt Ion:	79	Resp:	995458
Ion Ratio	Lower	Upper	
79	100		
108	73.9	60.3	90.5
77	63.4	54.8	82.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.707 ng

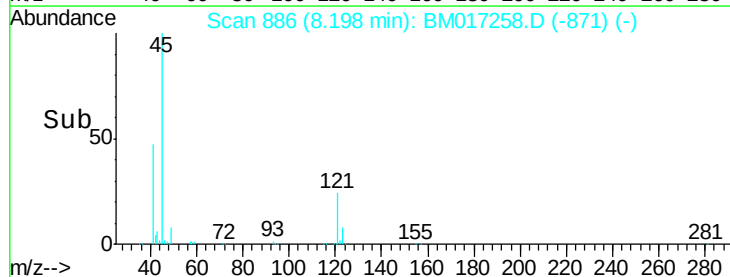
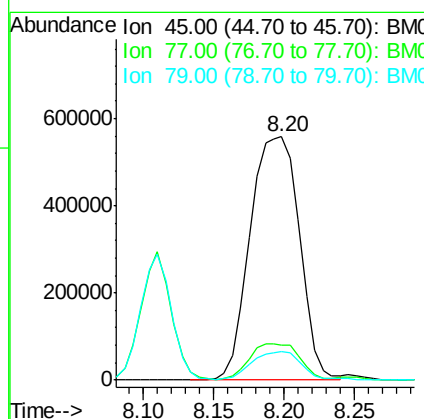
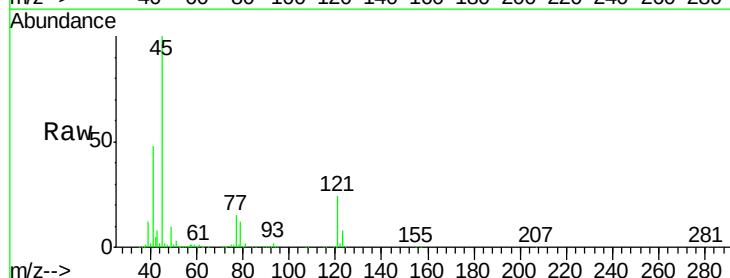
RT: 8.20 min Scan# 886

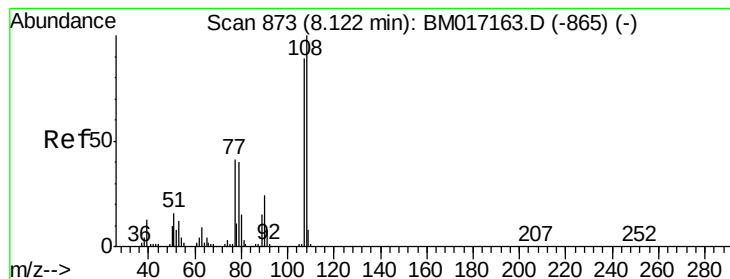
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:	45	Resp:	1362493
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	35.5
79	12.0	0.0	32.1



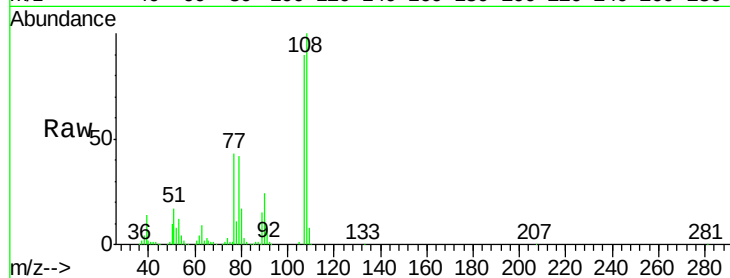


#17
2-Methylphenol
Concen: 49.983 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	90.3	135.5	
77	48.0	37.0	55.4	
79	47.2	35.8	53.6	

Manual Integrations
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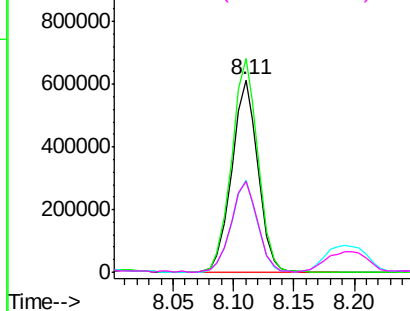
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

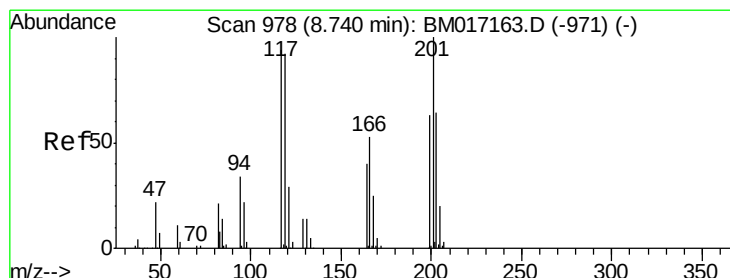
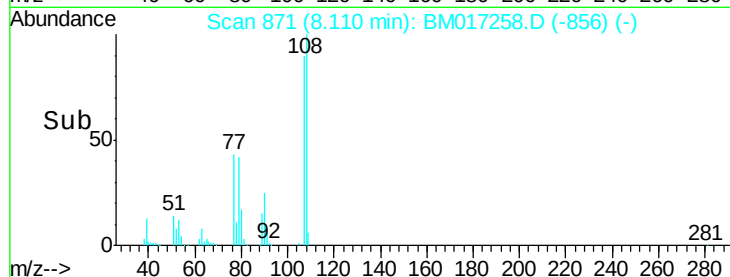
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



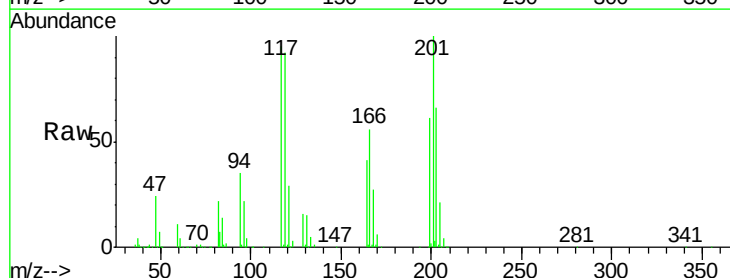
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#18
Hexachloroethane
Concen: 45.911 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	78.2	117.2	
201	105.8	85.3	127.9	

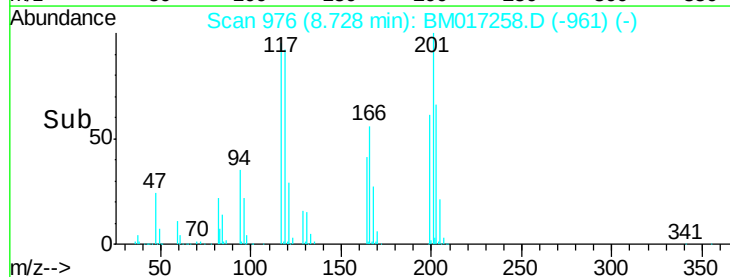
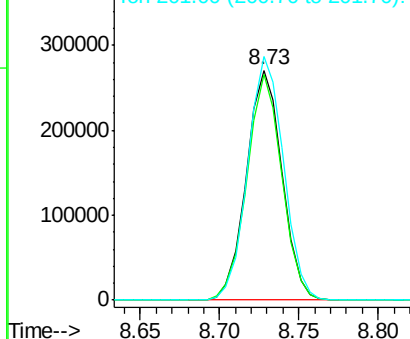


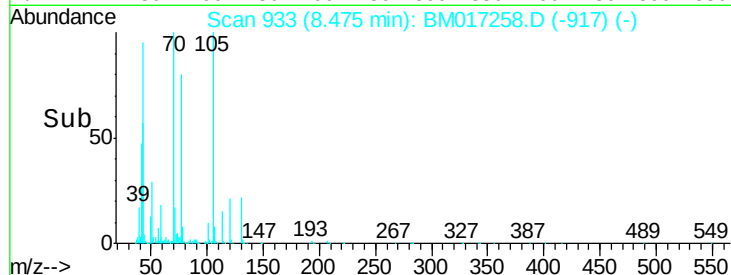
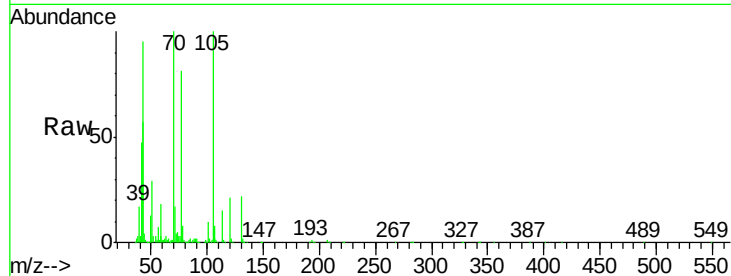
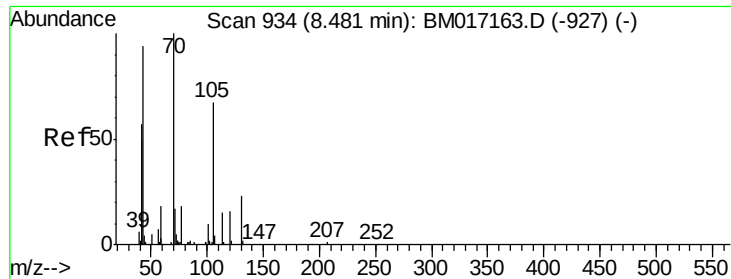
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

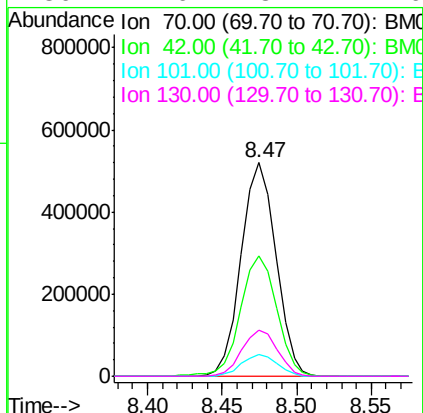
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 48.171 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.6	46.1	69.1
101	10.4	8.2	12.4
130	21.6	18.4	27.6

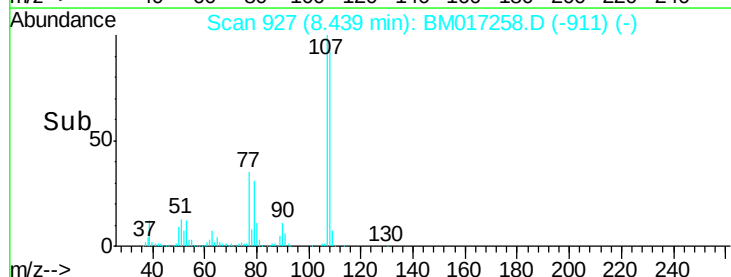
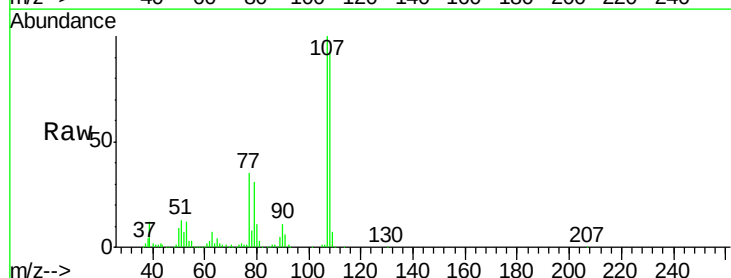
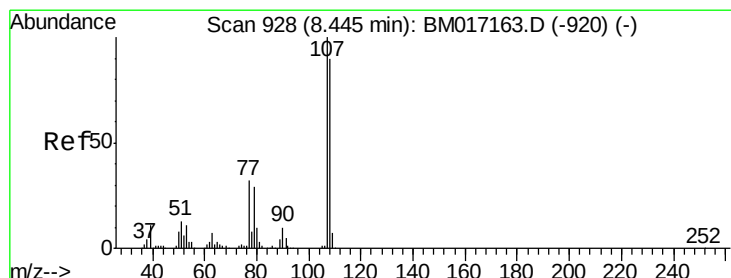


Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

Manual Integrations
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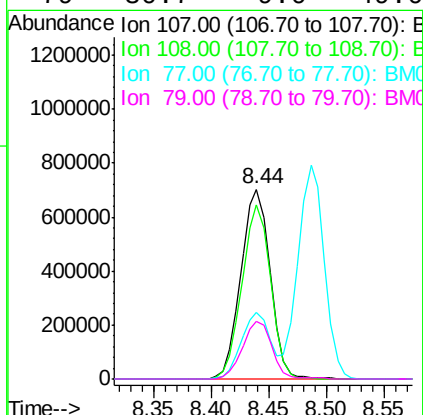
Sohil

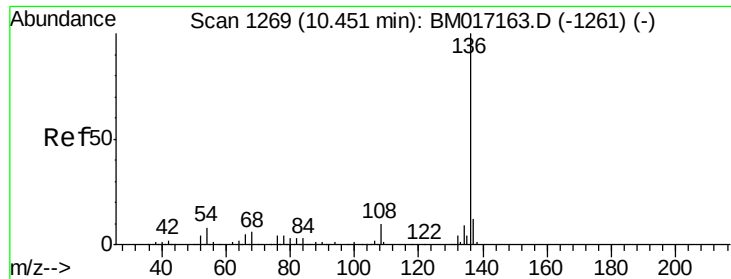
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#20
3+4-Methylphenols
Concen: 49.464 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.9	109.9
77	35.1	12.2	52.2
79	30.7	9.0	49.0



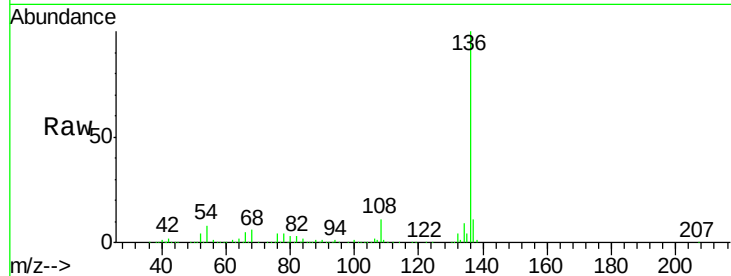


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

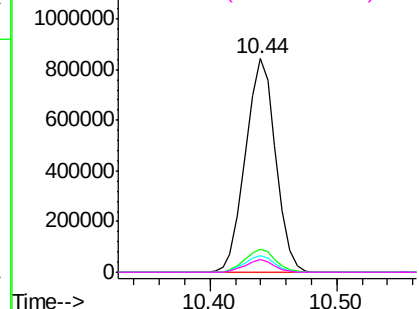
Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.7	6.7	10.1
68	5.7	4.7	7.1

Manual Integrations
APPROVED

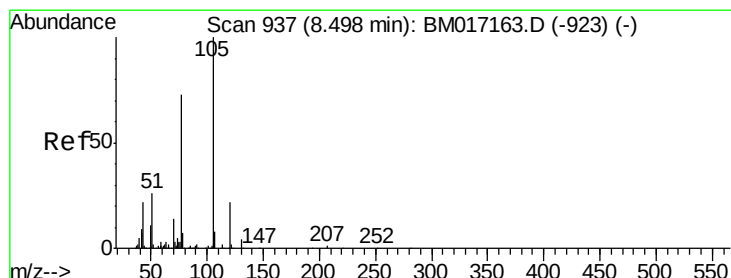
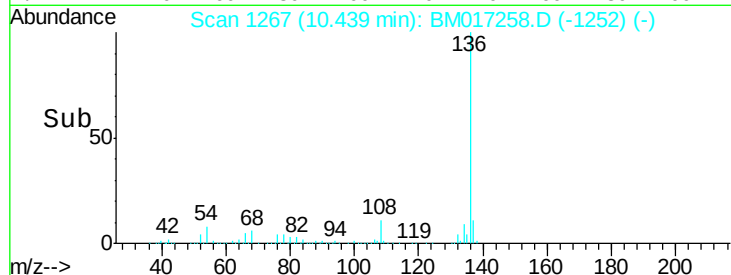


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



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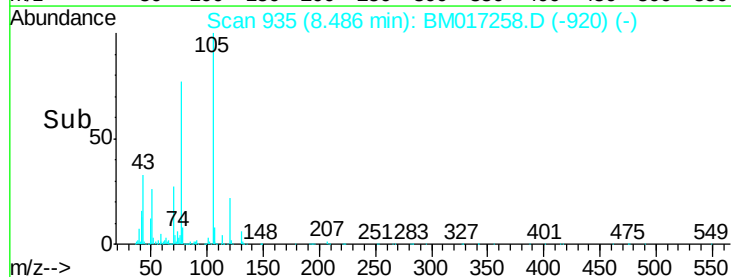
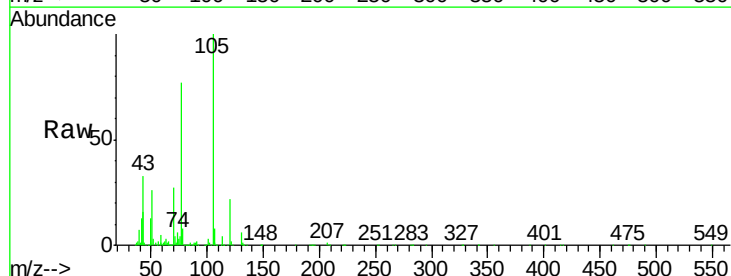
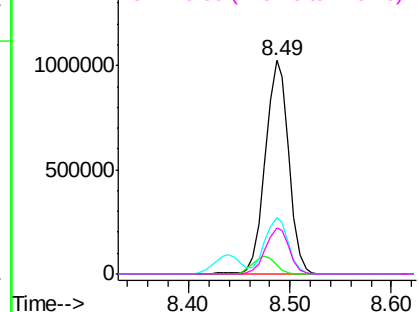
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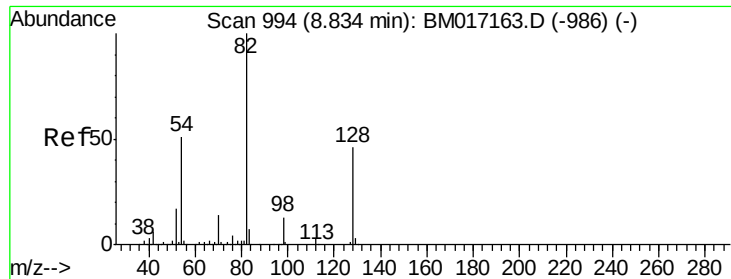


#22
Acetophenone
Concen: 46.918 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	2.0	3.0#
51	26.4	20.6	31.0
120	21.6	17.5	26.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E



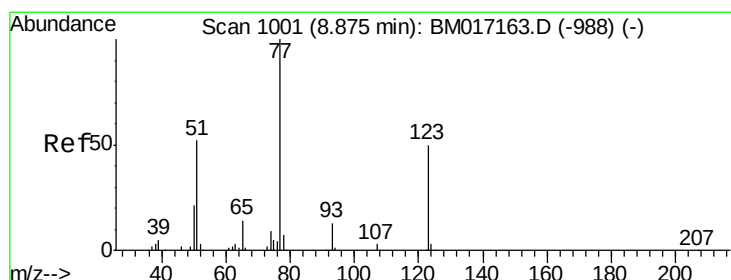
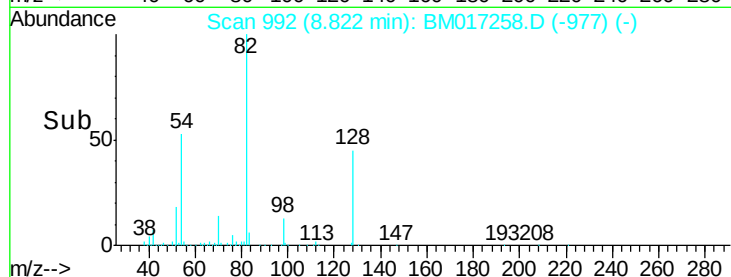
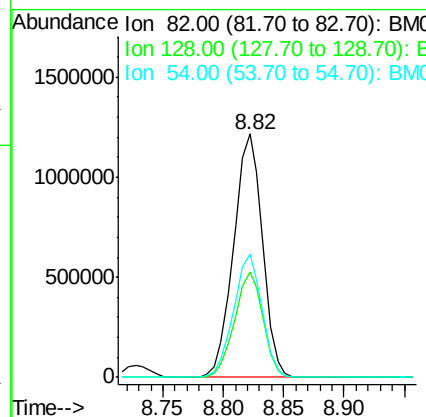
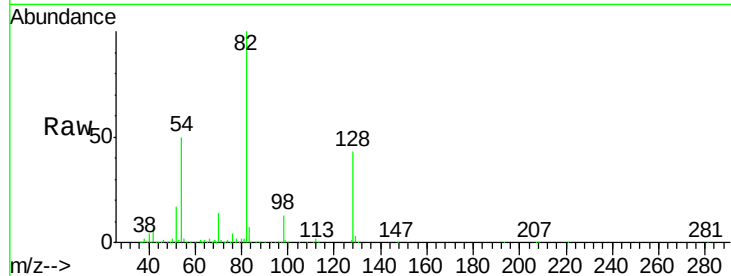


#23
 Nitrobenzene-d5
 Concen: 85.042 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

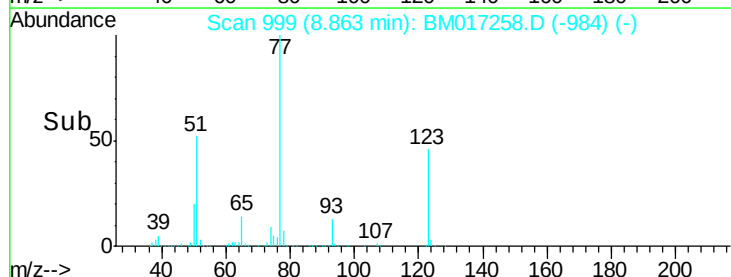
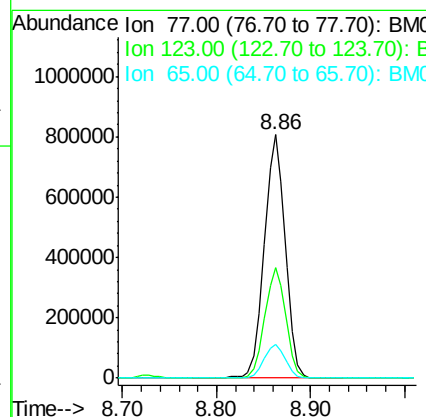
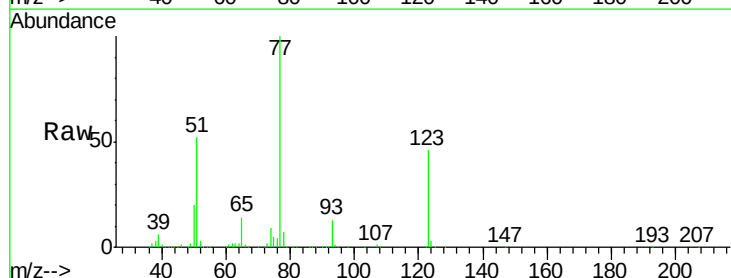
Tgt Ion: 82 Resp: 2021861
 Ion Ratio Lower Upper
 82 100
 128 43.5 37.0 55.6
 54 50.4 40.7 61.1

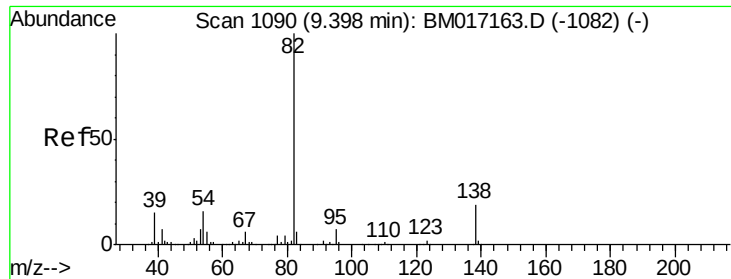
Manual Integrations
 APPROVED



#24
 Nitrobenzene
 Concen: 49.162 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion: 77 Resp: 1236340
 Ion Ratio Lower Upper
 77 100
 123 45.6 40.2 60.4
 65 14.1 11.4 17.0





#25

Isophorone

Concen: 58.070 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion: 82 Resp: 2279781

Ion Ratio Lower Upper

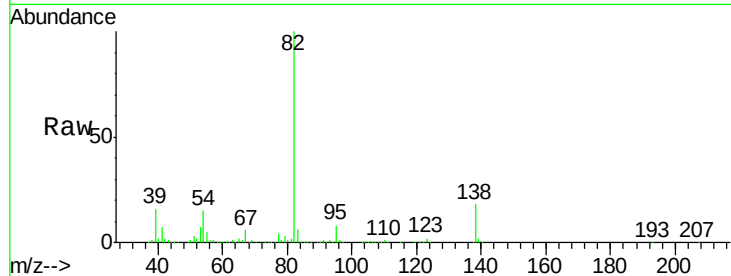
82 100

95 7.8 6.0 9.0

138 18.3 15.4 23.2

Manual Integrations

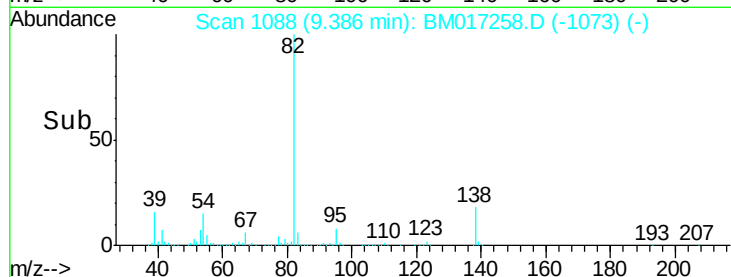
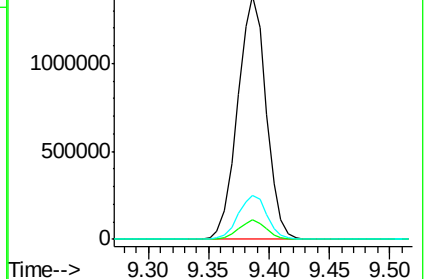
APPROVED



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

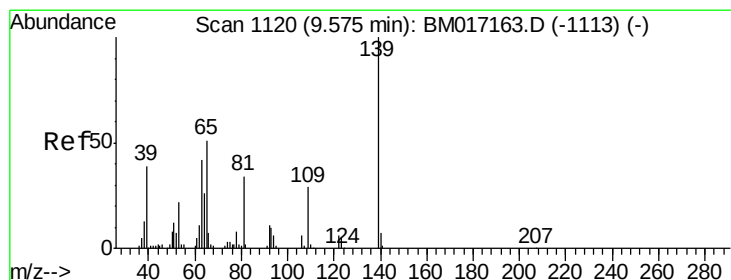
Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



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#26

2-Nitrophenol

Concen: 50.849 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

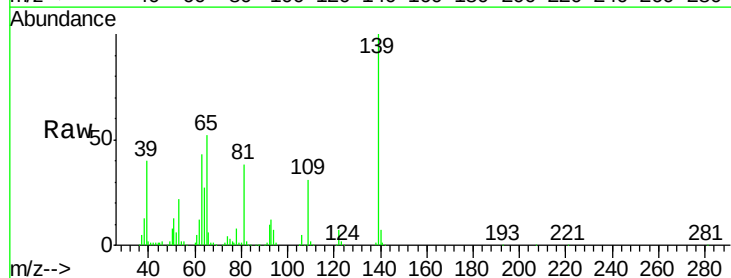
Tgt Ion: 139 Resp: 603004

Ion Ratio Lower Upper

139 100

109 31.5 23.2 34.8

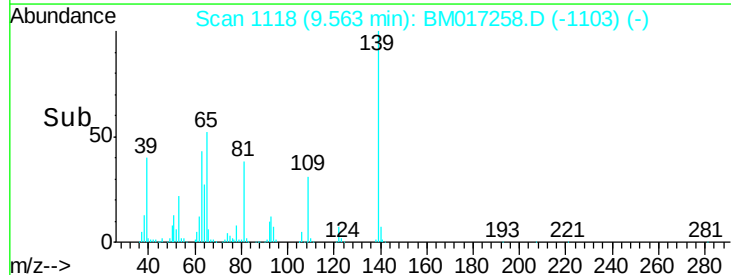
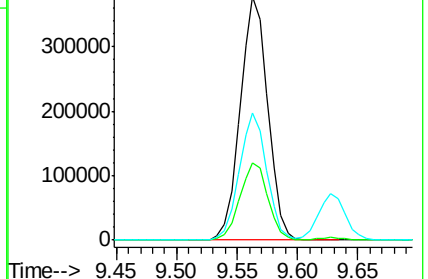
65 52.1 40.6 61.0

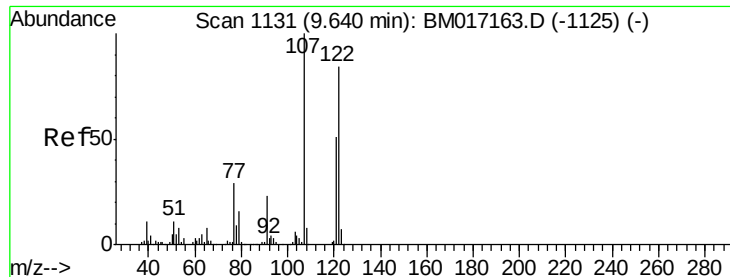


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)



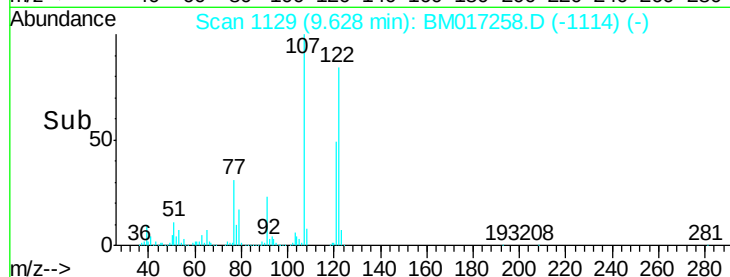
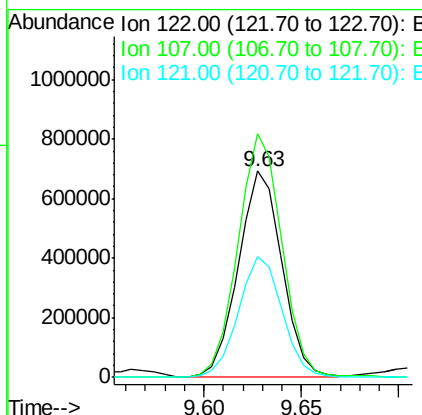
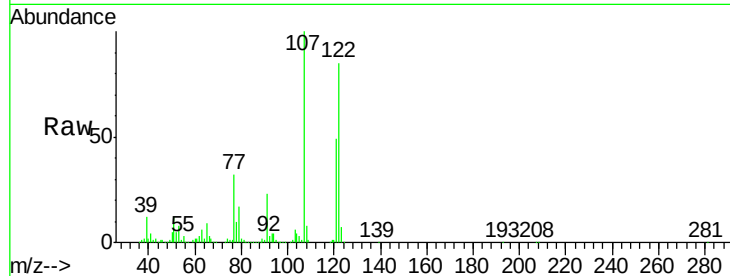


#27
 2,4-Dimethylphenol
 Concen: 61.098 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

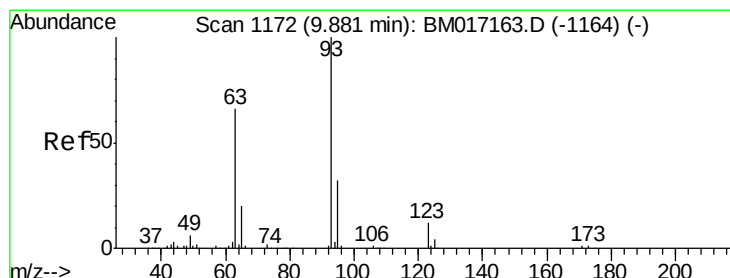
Tgt Ion:122 Resp: 1060644
 Ion Ratio Lower Upper
 122 100
 107 118.2 95.0 142.6
 121 58.4 48.2 72.4

Manual Integrations
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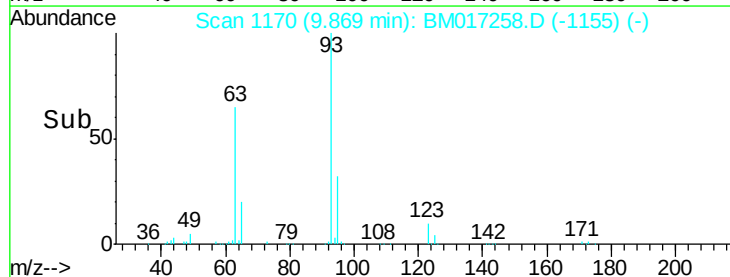
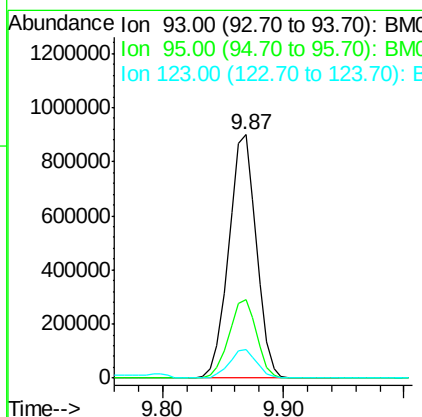
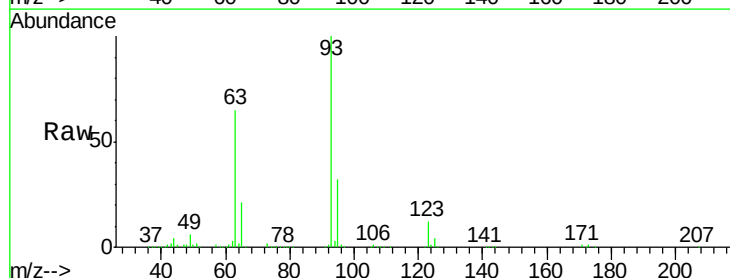
Sohil

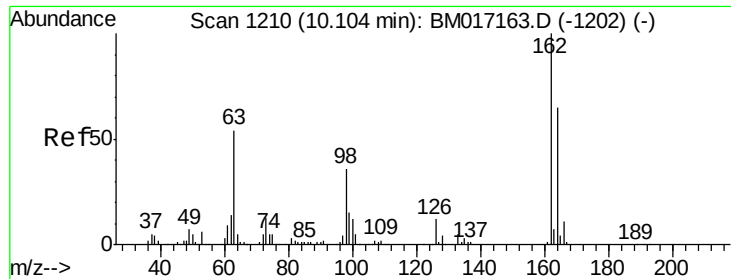
10/22/2018 1:09:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.746 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion: 93 Resp: 1429872
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.7 38.5
 123 11.6 9.4 14.0



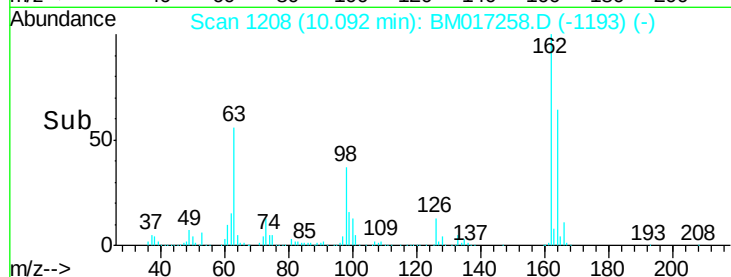
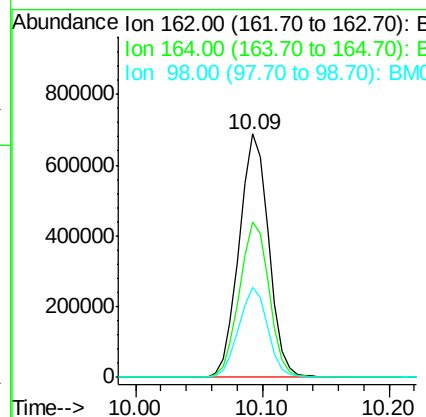
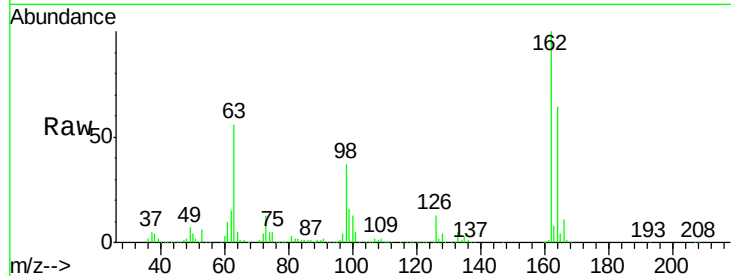


#29
2,4-Dichlorophenol
Concen: 55.093 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

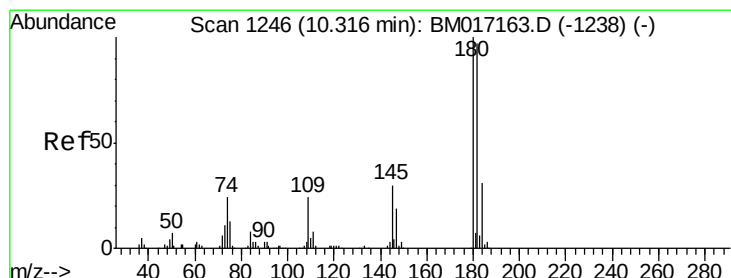
Tgt Ion:162 Resp: 1110446
Ion Ratio Lower Upper
162 100
164 63.6 44.9 84.9
98 36.8 15.8 55.8

Manual Integrations
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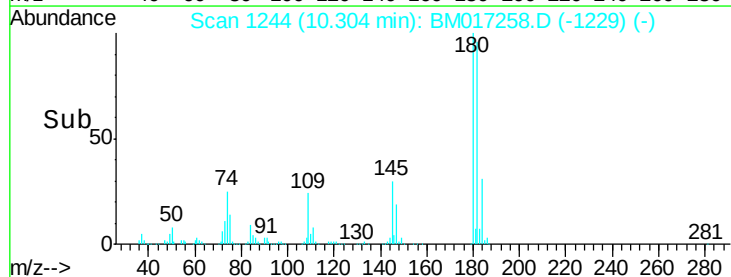
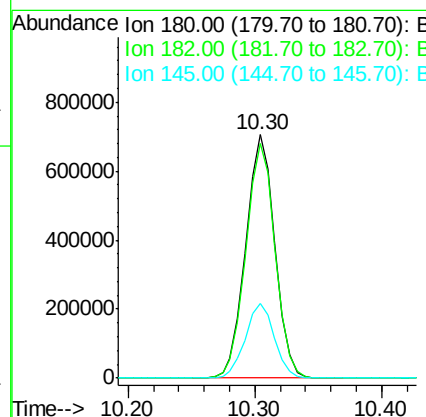
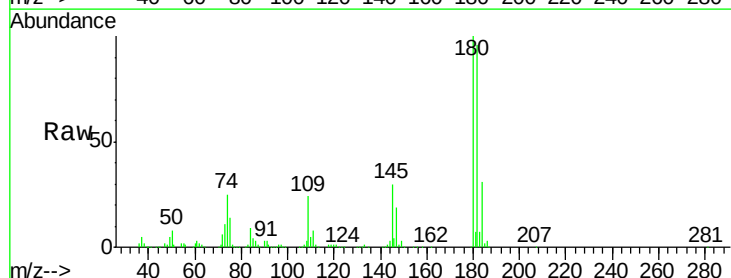
Sohil

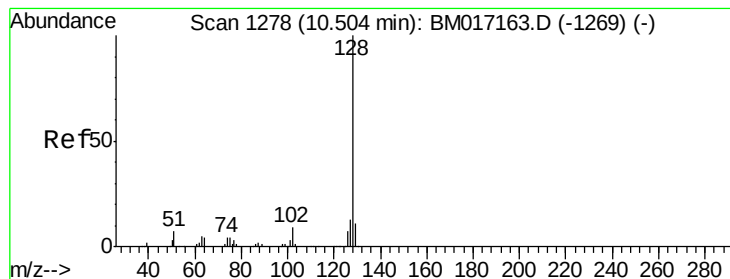
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#30
1,2,4-Trichlorobenzene
Concen: 46.417 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:180 Resp: 1122310
Ion Ratio Lower Upper
180 100
182 96.5 77.5 116.3
145 30.5 24.0 36.0





#31

Naphthalene

Concen: 50.462 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion:128 Resp: 3438606

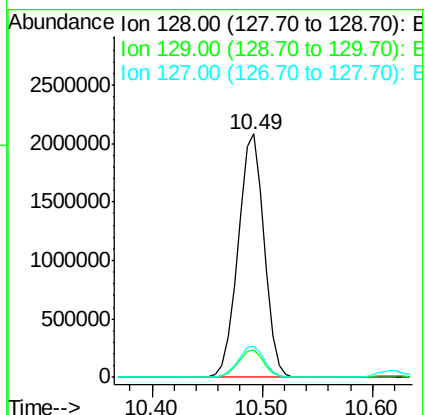
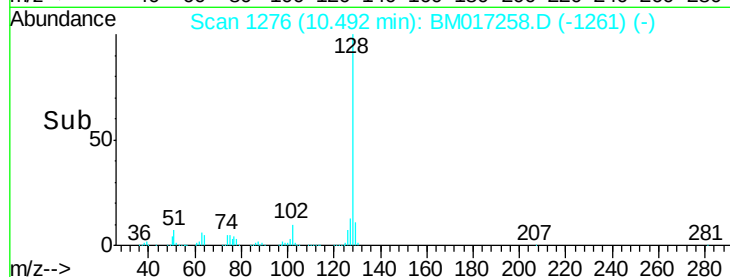
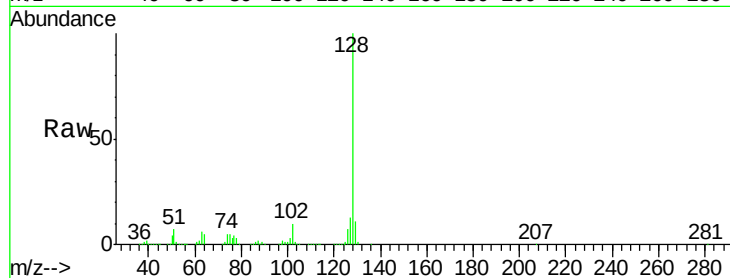
Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

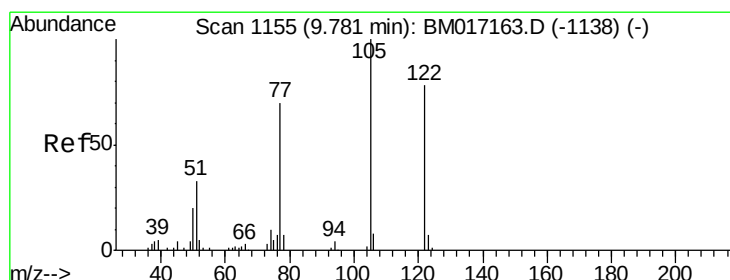
127 13.0 10.3 15.5

Manual Integrations
APPROVED



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#32

Benzoic acid

Concen: 52.091 ng

RT: 9.79 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

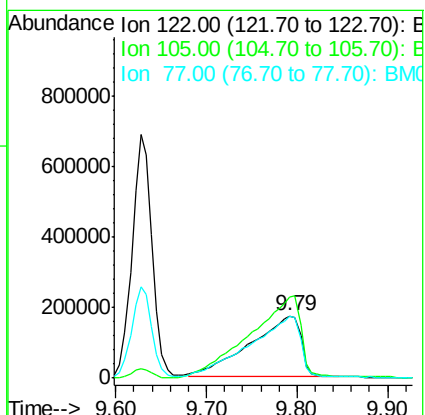
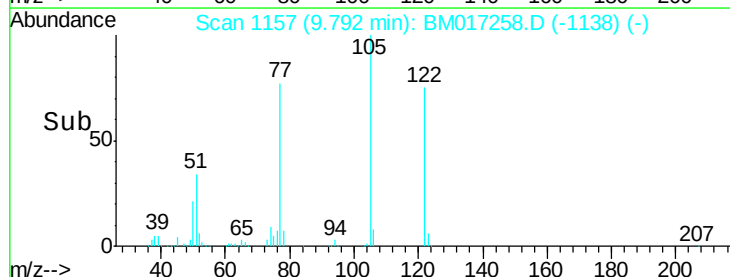
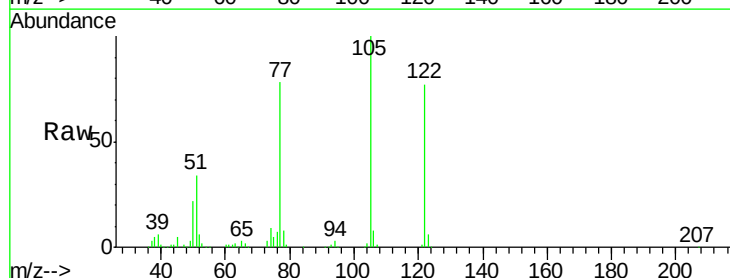
Tgt Ion:122 Resp: 674715

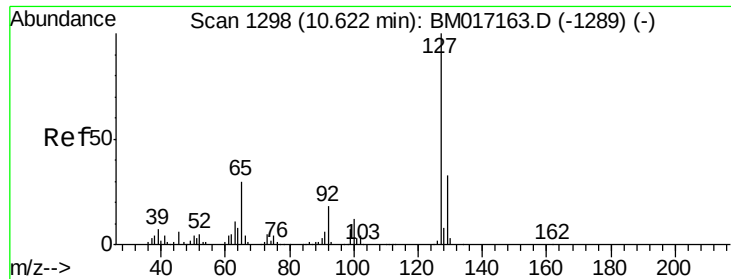
Ion Ratio Lower Upper

122 100

105 130.0 102.0 142.0

77 100.8 67.7 107.7



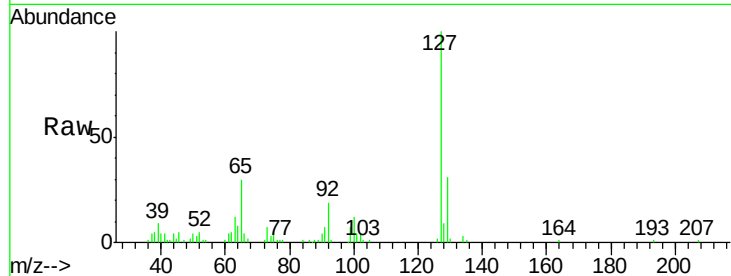


#33
4-Chloroaniline
Concen: 4.253 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

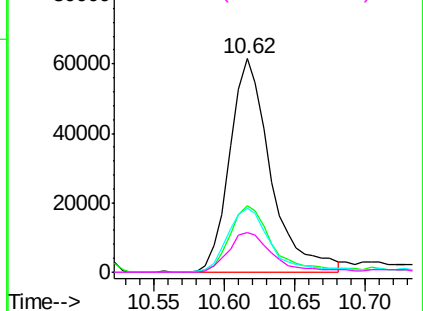
Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	125170		
129	31.0	26.2	39.4	
65	29.8	23.7	35.5	
92	18.6	14.3	21.5	

Manual Integrations
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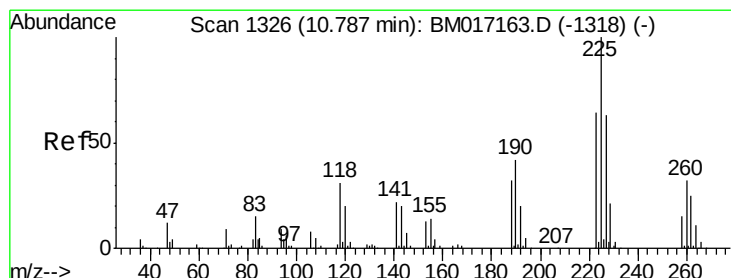
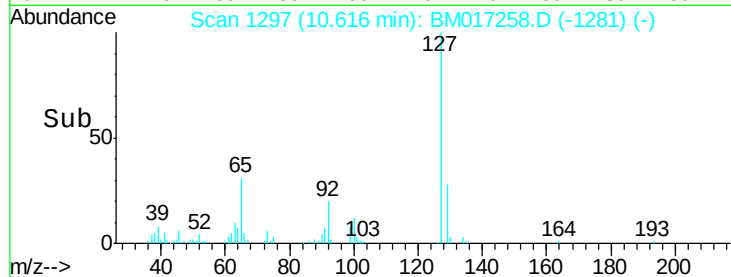


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0



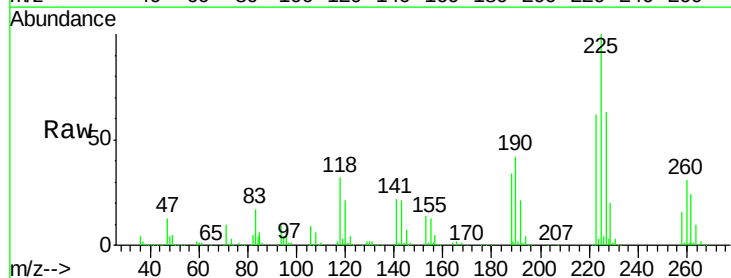
Sohil

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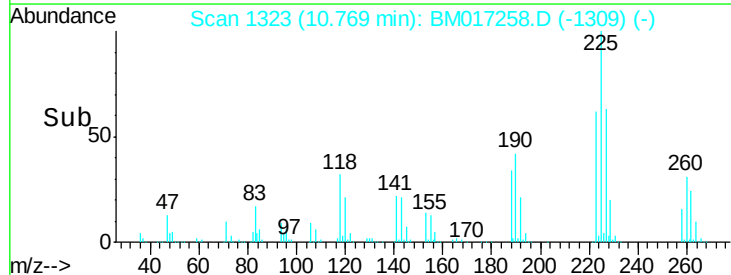
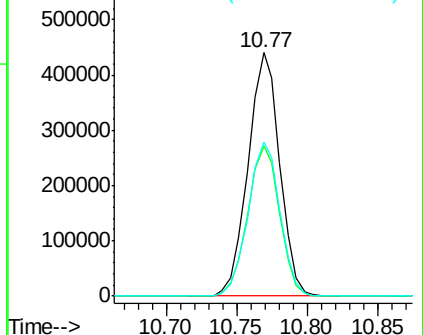


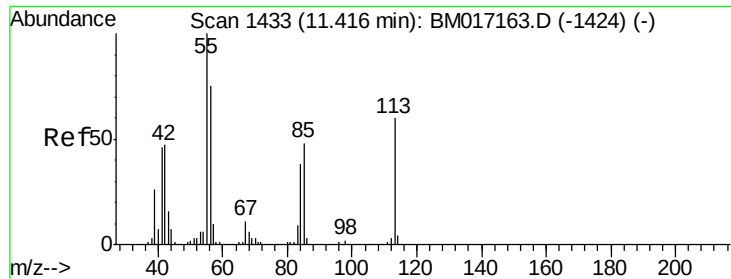
#34
Hexachlorobutadiene
Concen: 45.189 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	692305		
223	61.9	51.0	76.6	
227	63.5	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



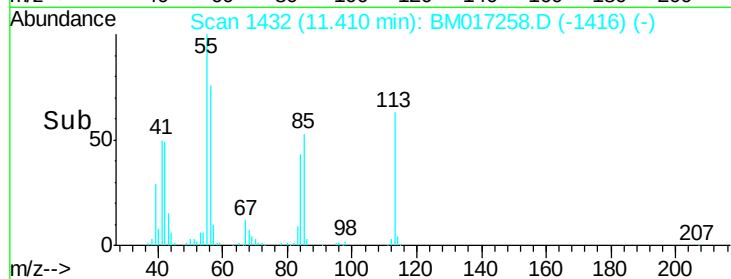
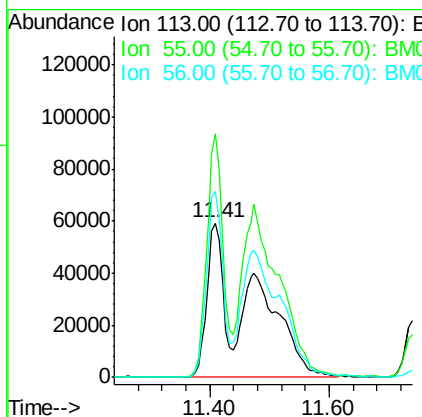
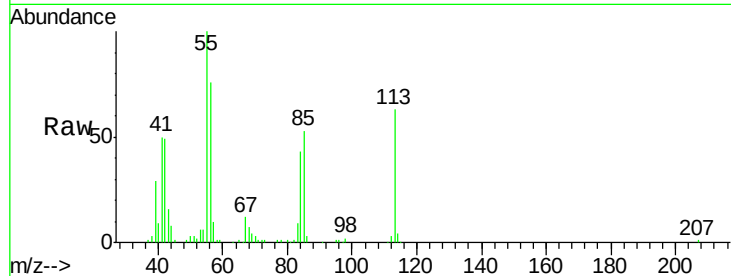


#35
 Caprolactam
 Concen: 39.297 ng m
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

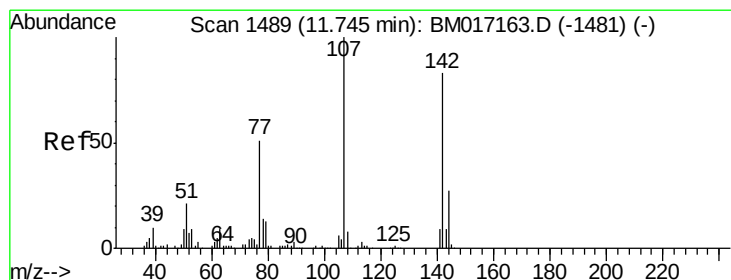
Tgt Ion:113 Resp: 288660
 Ion Ratio Lower Upper
 113 100
 55 158.0 147.0 187.0
 56 120.5 104.5 144.5

Manual Integrations
 APPROVED



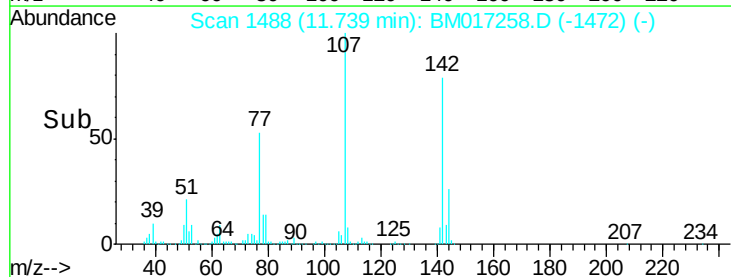
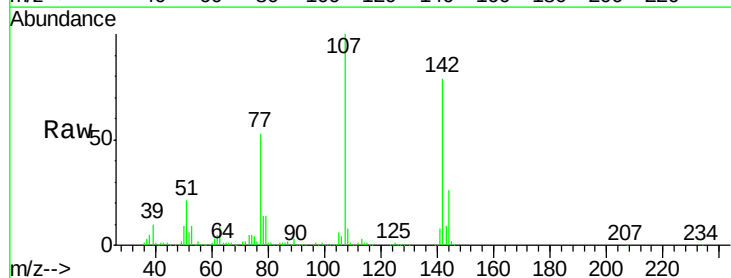
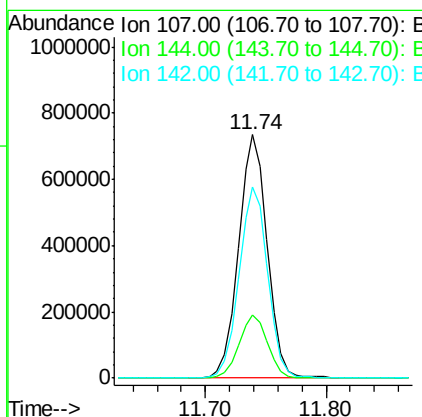
Sohil

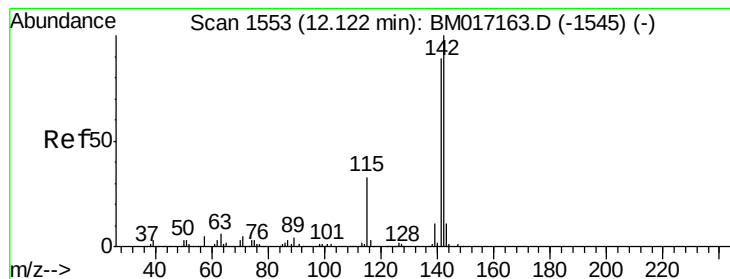
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#36
 4-Chloro-3-methylphenol
 Concen: 53.279 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:107 Resp: 1210489
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.6 32.4
 142 78.7 66.0 99.0



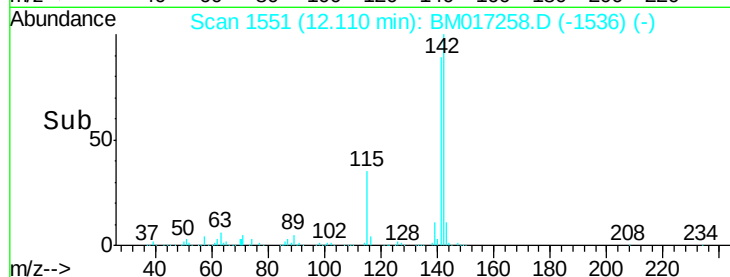
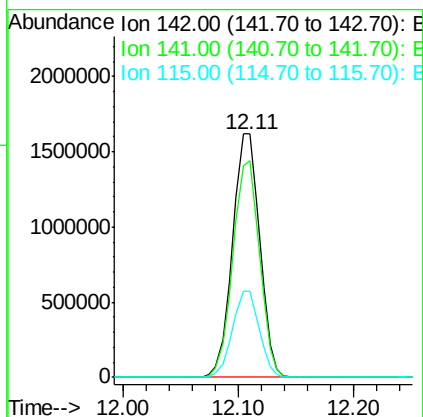
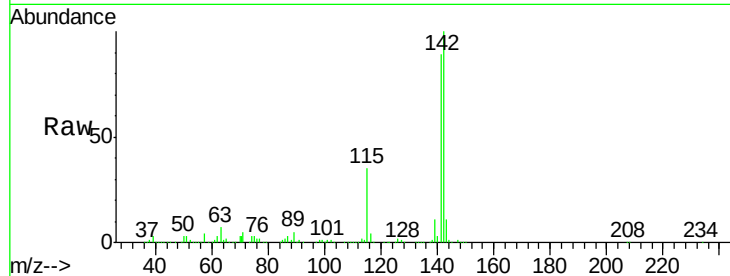


#37
2-Methylnaphthalene
Concen: 56.594 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

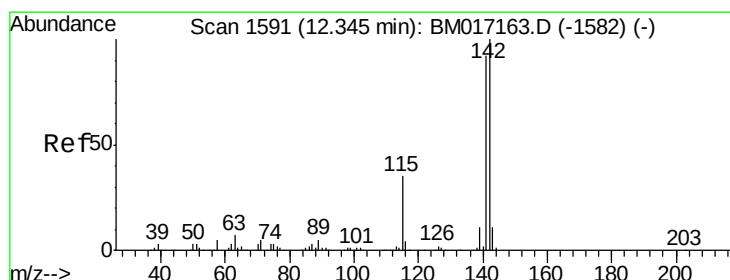
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.9	106.3
115	35.3	26.4	39.6

Manual Integrations
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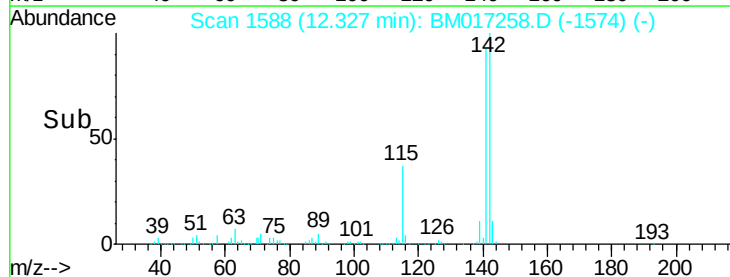
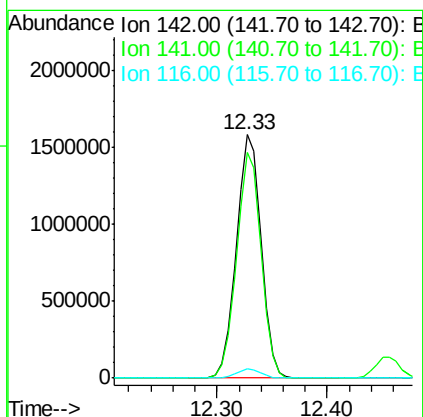
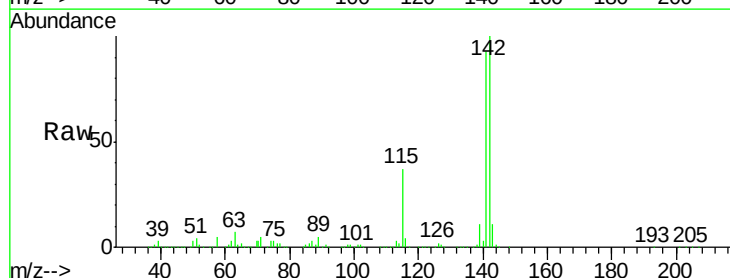
Sohil

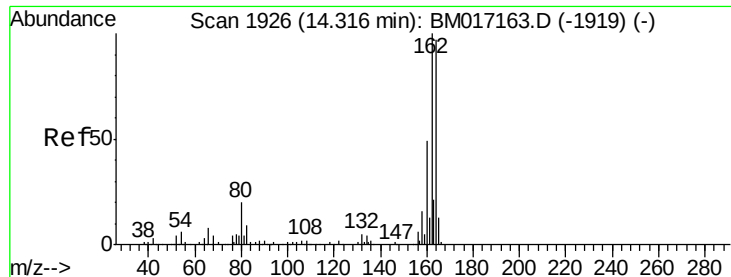
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#38
1-Methylnaphthalene
Concen: 54.810 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.6
116	4.0	2.9	4.3



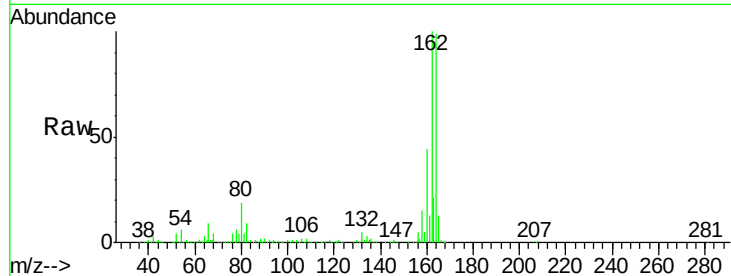


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

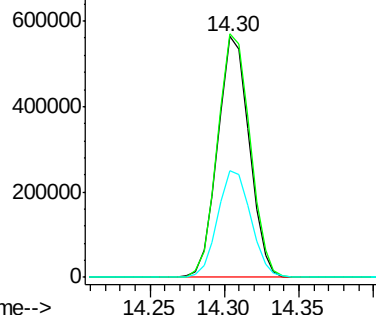
Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.1	123.1
160	44.4	40.2	60.2

Manual Integrations
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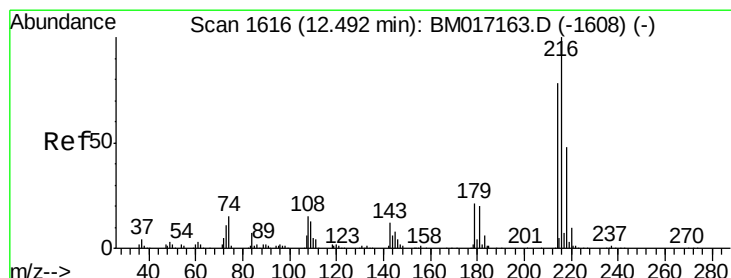
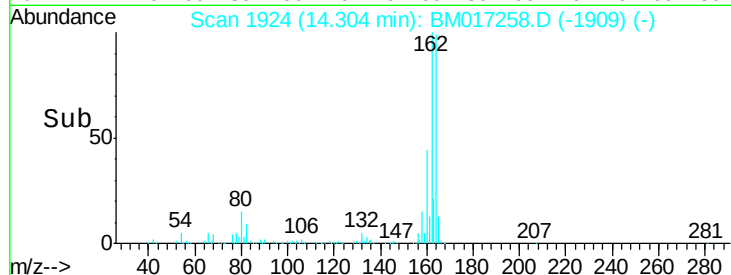


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Sohil

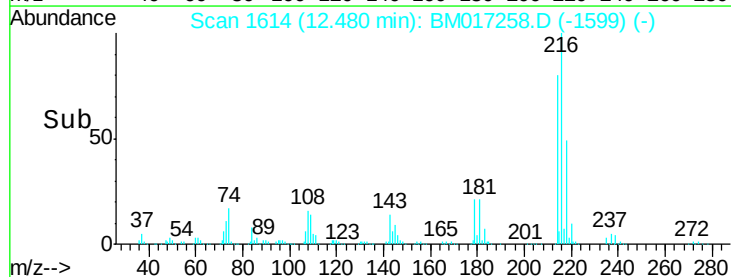
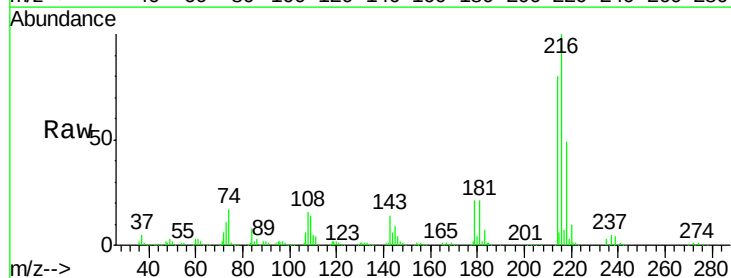
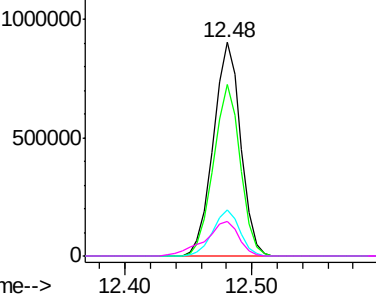
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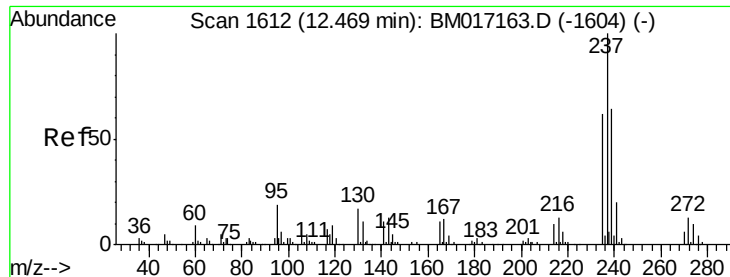


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.454 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	93.8
179	21.1	16.6	24.8
108	20.0	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: 131.778 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion:237 Resp: 1846776

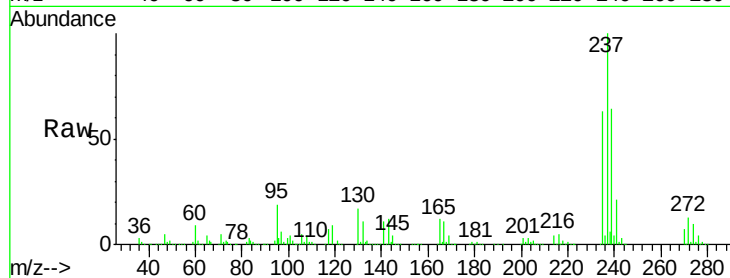
Ion Ratio Lower Upper

237 100

235 62.8 42.4 82.4

272 12.6 0.0 33.0

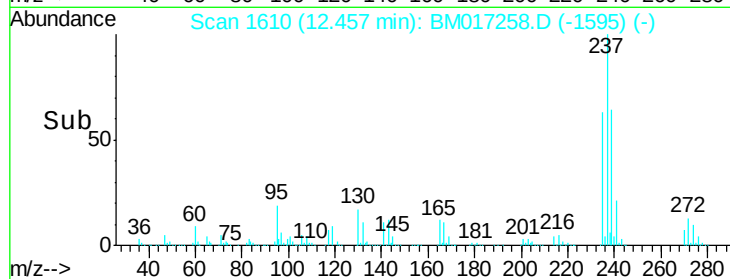
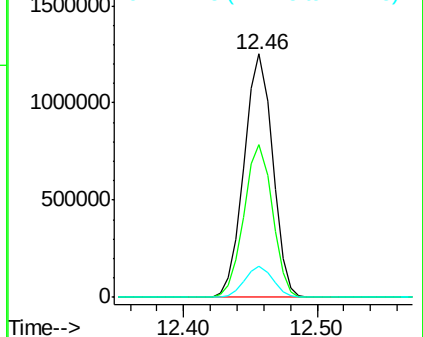
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E

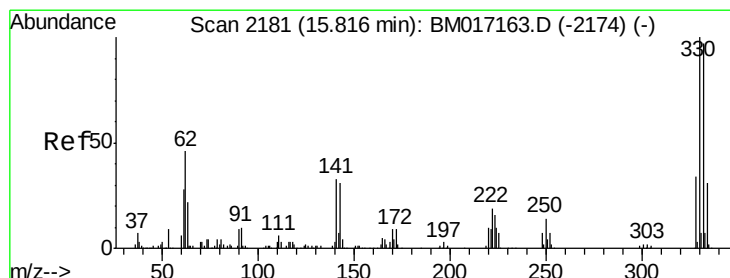
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Sohil

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#42

2,4,6-Tribromophenol

Concen: 126.290 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

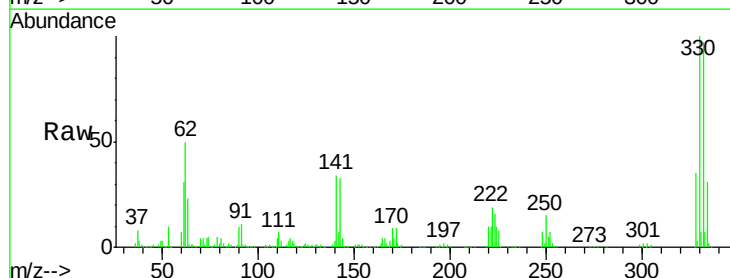
Tgt Ion:330 Resp: 1405866

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

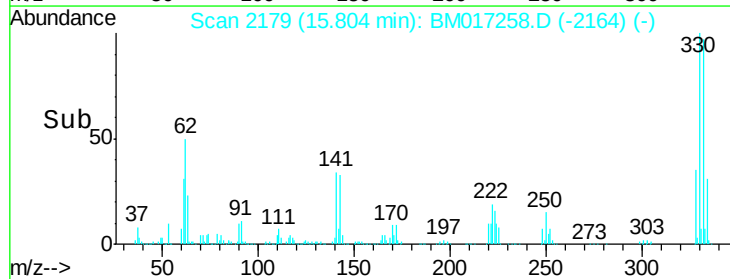
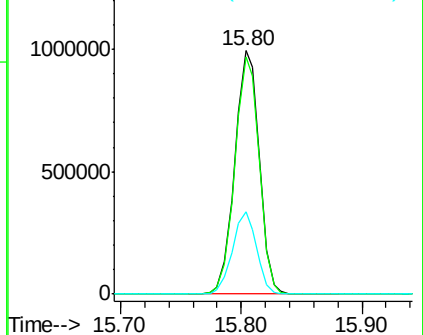
141 33.4 27.4 41.0

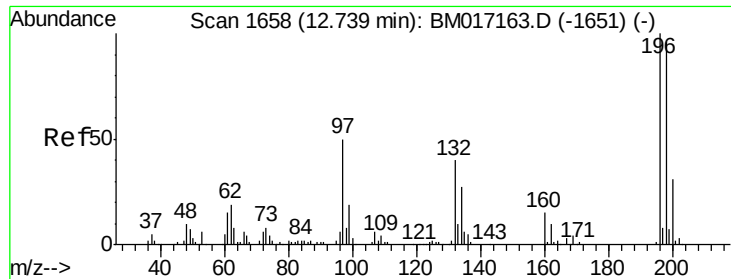


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



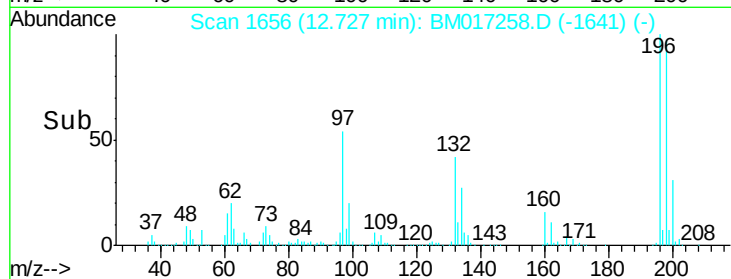
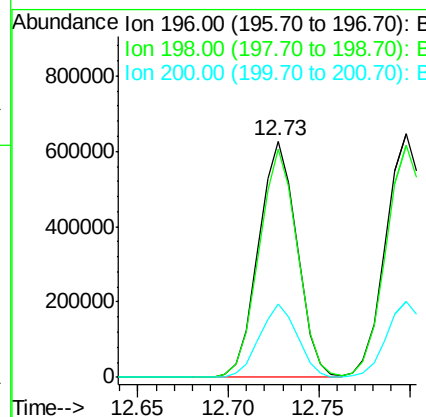
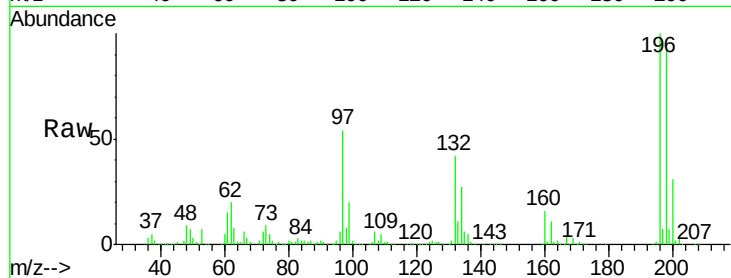


#43
2,4,6-Trichlorophenol
Concen: 54.988 ng
RT: 12.73 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

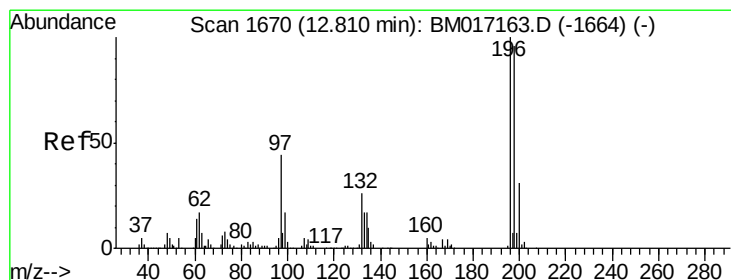
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	925344		
198	96.6	77.1	115.7	
200	30.9	25.0	37.4	

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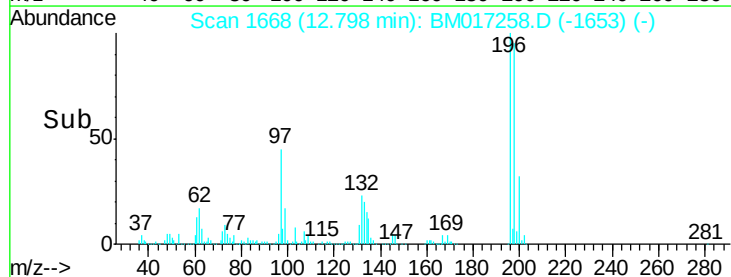
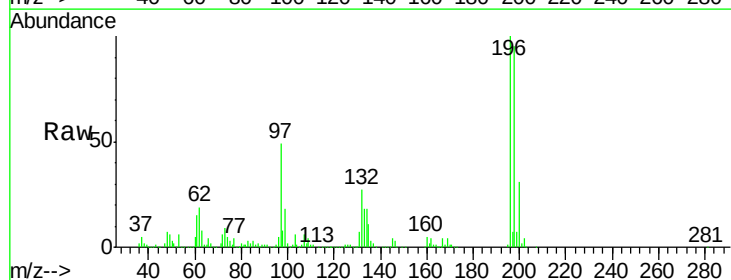
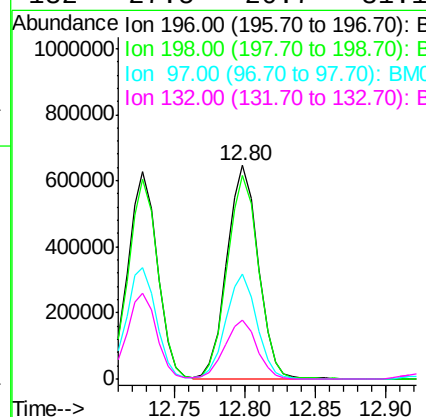
Sohil

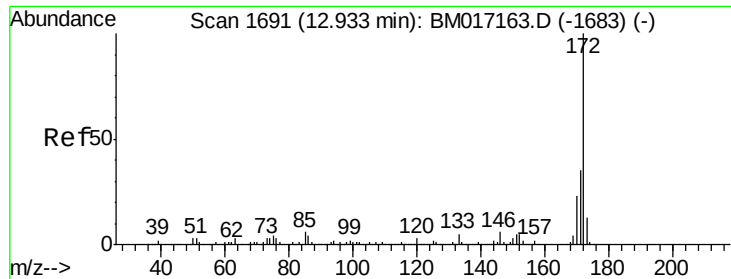
10/22/2018 1:09:36 PM



#44
2,4,5-Trichlorophenol
Concen: 55.058 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	993535		
198	95.3	76.6	115.0	
97	49.0	35.5	53.3	
132	27.5	20.7	31.1	





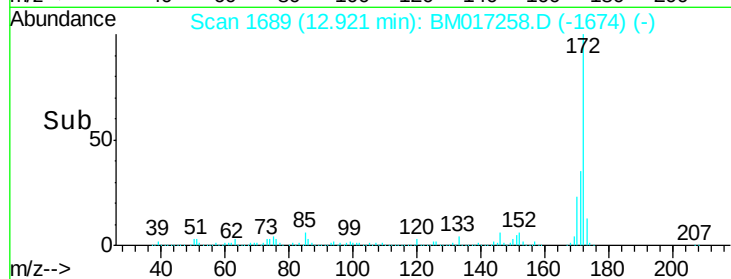
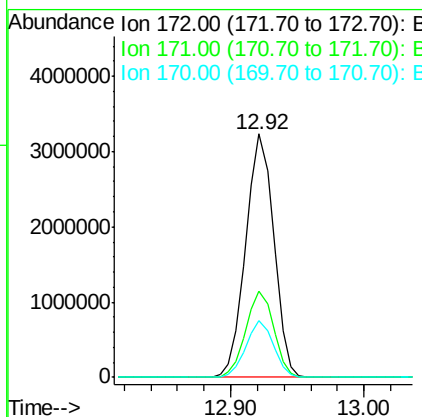
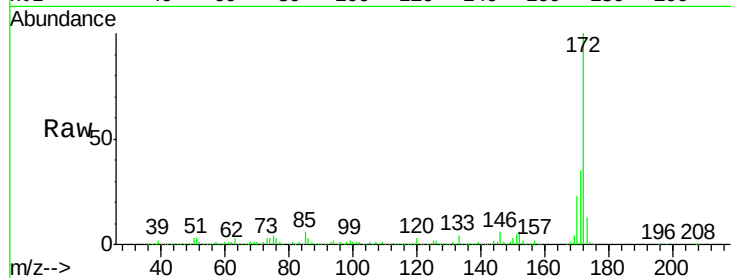
#45
 2-Fluorobiphenyl
 Concen: 75.749 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

Tgt Ion:172 Resp: 4686357

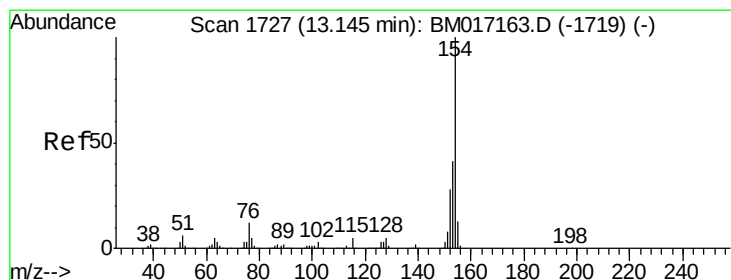
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.2	18.3	27.5

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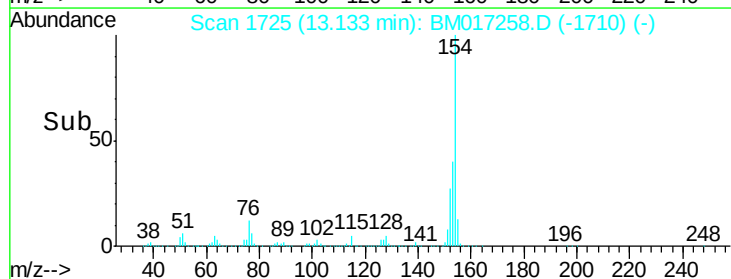
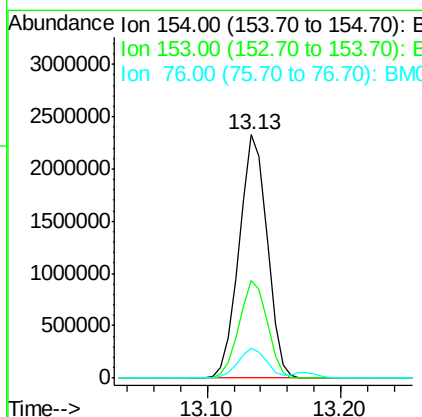
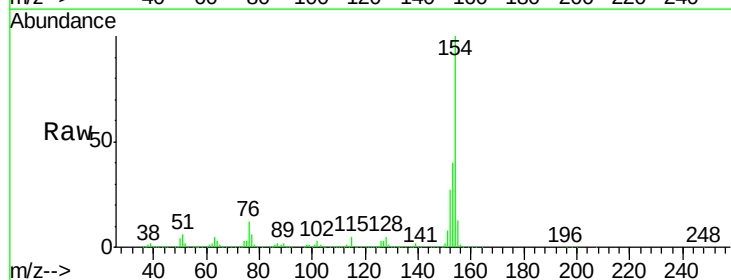
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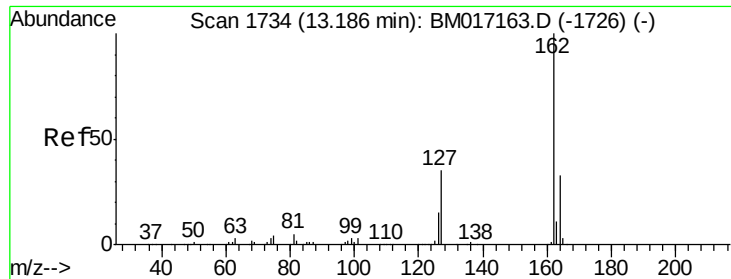


#46
 1,1'-Biphenyl
 Concen: 45.590 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:154 Resp: 3377160

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	12.2	0.0	31.8





#47

2-Chloronaphthalene

Concen: 48.019 ng

RT: 13.17 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

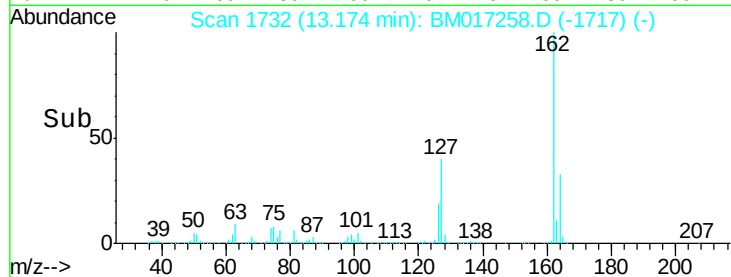
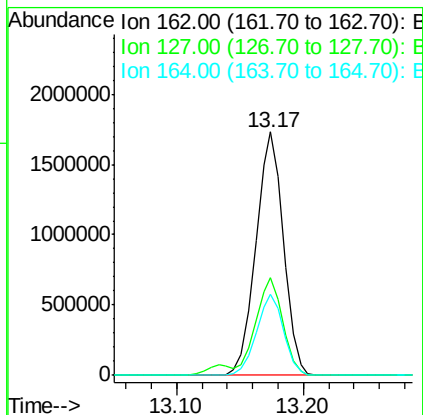
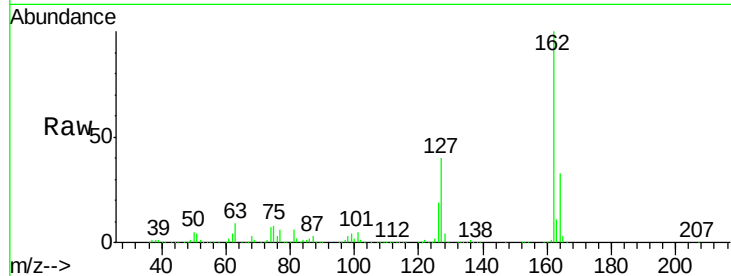
BNA_M

ClientSampleId :

JC-02-101818-AMS

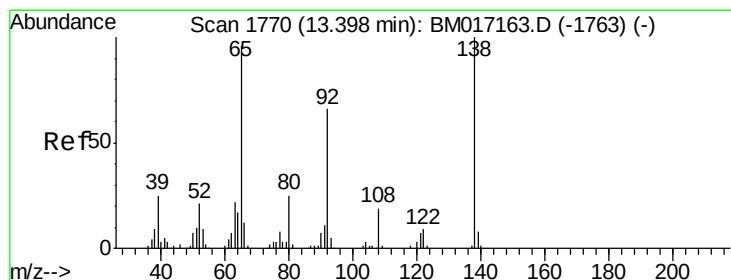
Tgt Ion:	162	Resp:	2616832
Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.0	46.4
164	33.2	26.6	39.8

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#48

2-Nitroaniline

Concen: 49.366 ng

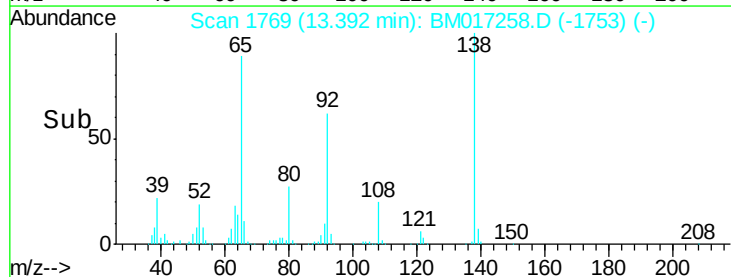
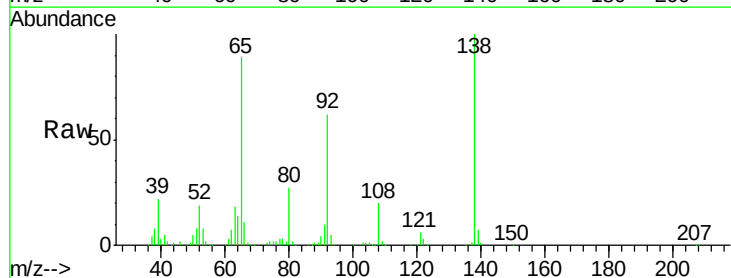
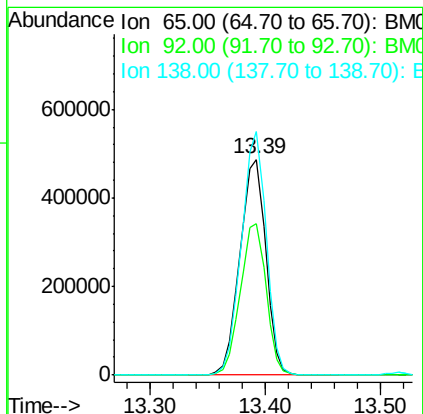
RT: 13.39 min Scan# 1769

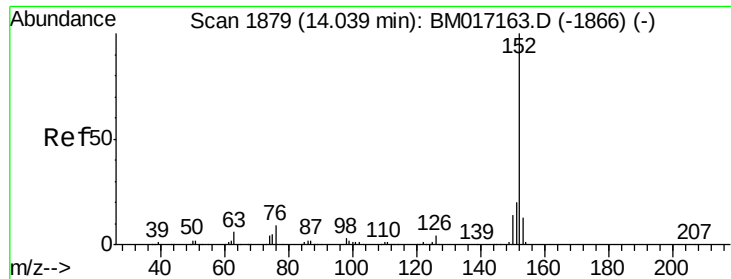
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:	65	Resp:	762864
Ion	Ratio	Lower	Upper
65	100		
92	70.3	54.9	82.3
138	112.8	83.7	125.5





#49

Acenaphthylene

Concen: 54.092 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion:152 Resp: 4272820

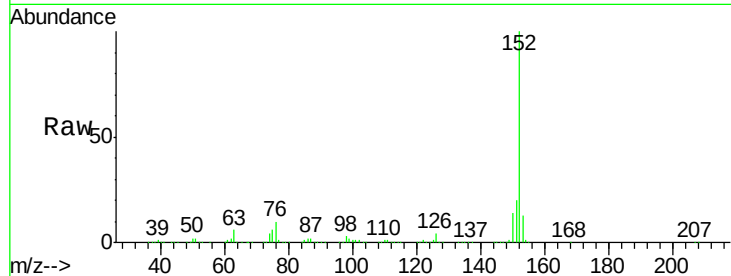
Ion Ratio Lower Upper

152 100

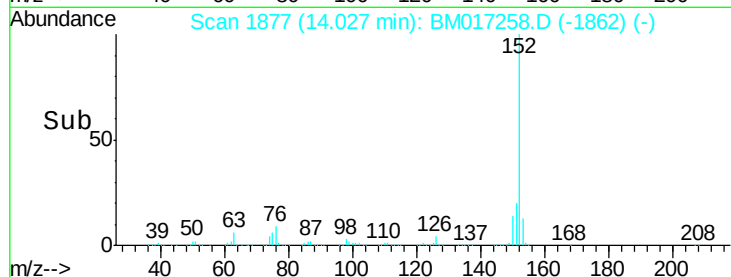
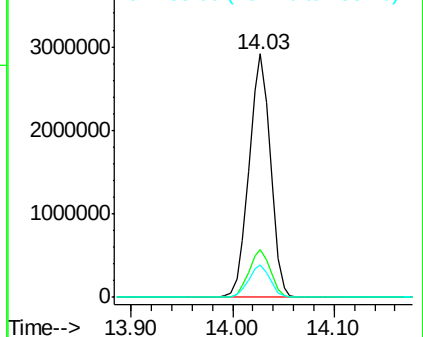
151 19.5 16.0 24.0

153 13.1 10.4 15.6

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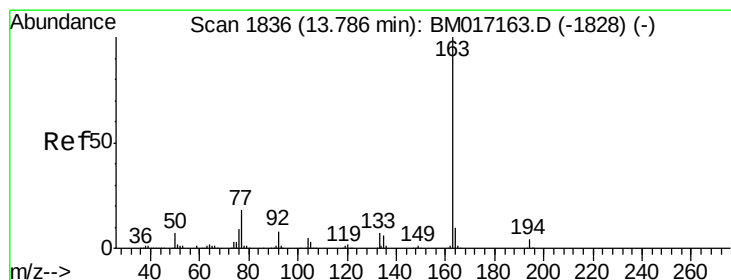


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 52.201 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

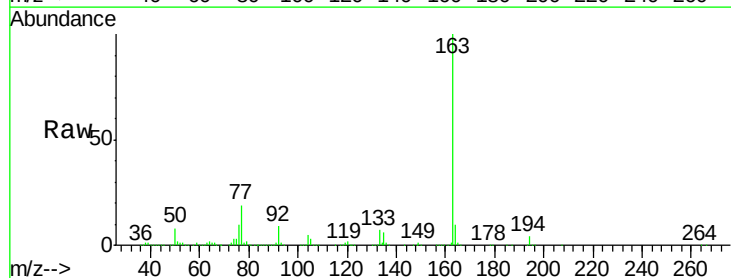
Tgt Ion:163 Resp: 3315181

Ion Ratio Lower Upper

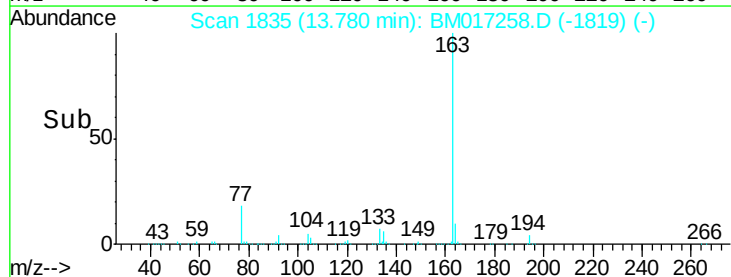
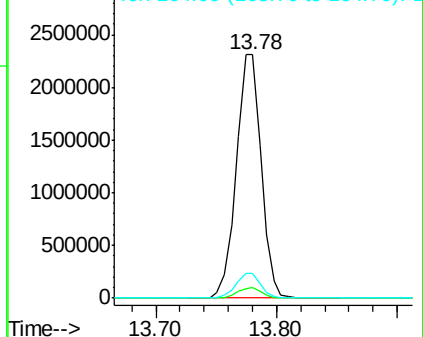
163 100

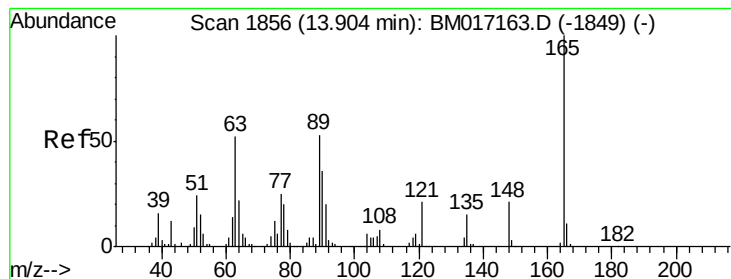
194 4.2 3.3 4.9

164 9.9 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: 52.625 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

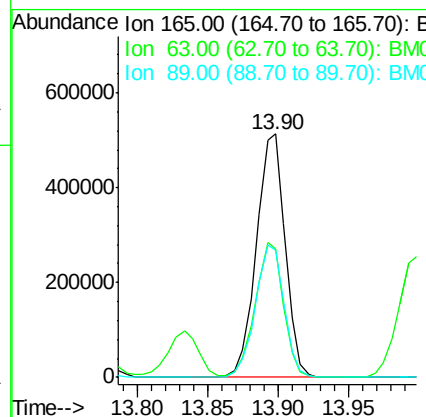
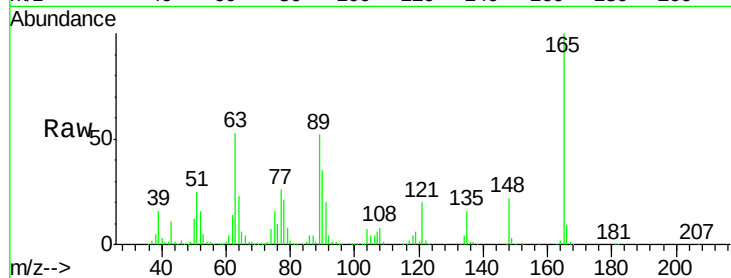
BNA_M

ClientSampleId :

JC-02-101818-AMS

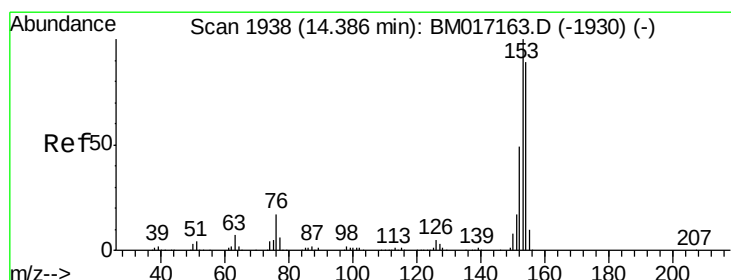
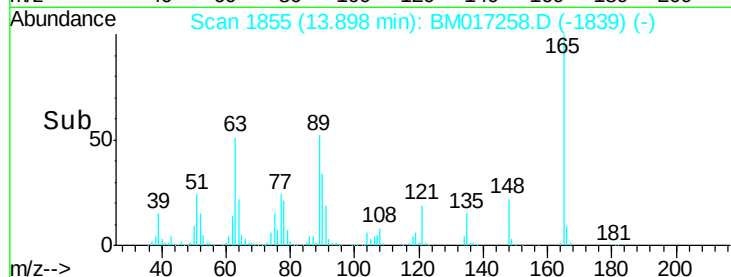
Tgt Ion:	165	Resp:	735579
Ion Ratio	Lower	Upper	
165	100		
63	52.6	42.7	64.1
89	52.4	42.1	63.1

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#52

Acenaphthene

Concen: 50.528 ng

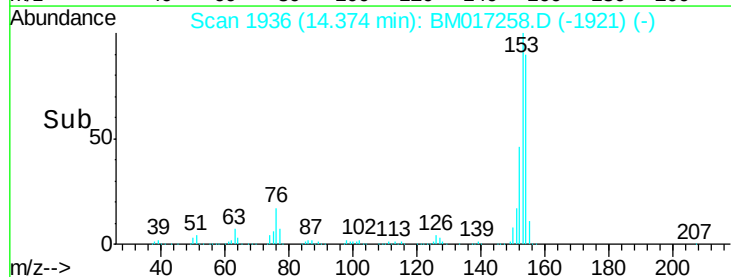
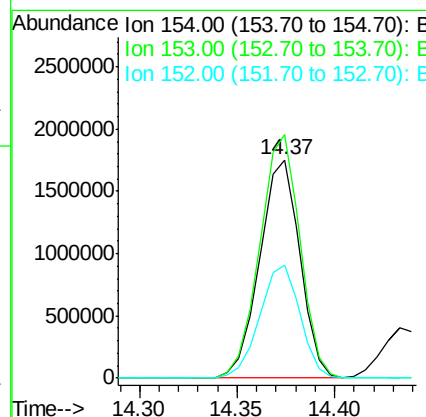
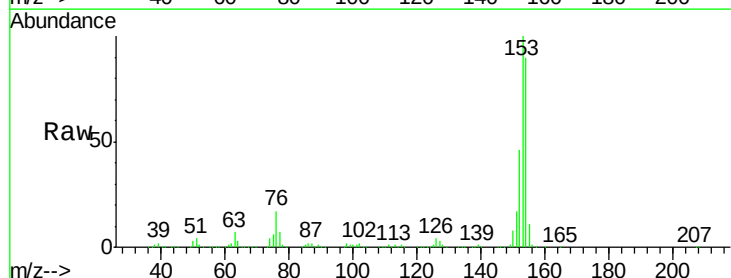
RT: 14.37 min Scan# 1936

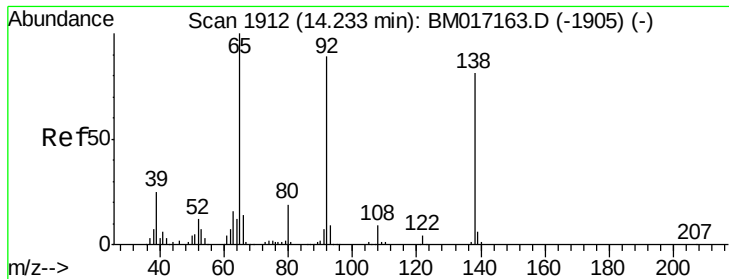
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:	154	Resp:	2506006
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.2	135.2
152	51.8	44.2	66.4



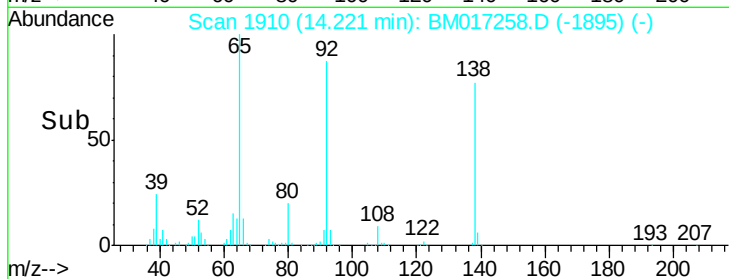
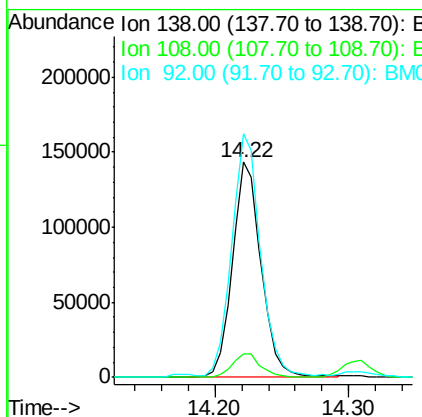
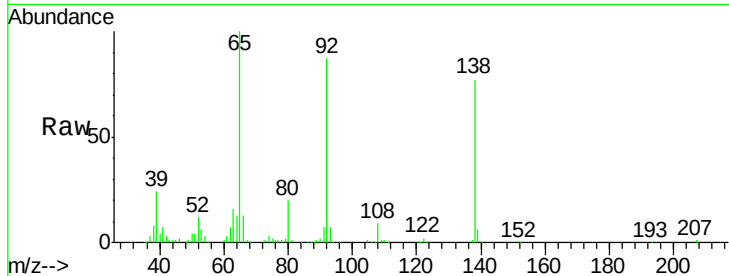


#53
3-Nitroaniline
Concen: 14.178 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

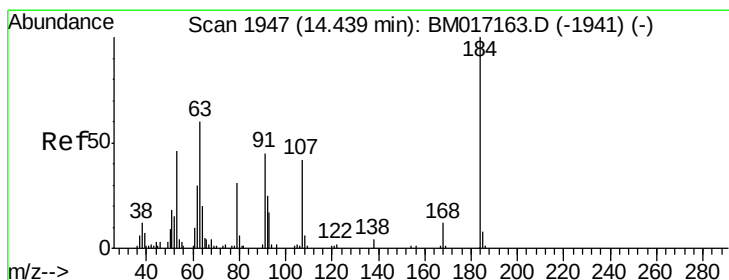
Tgt Ion:138 Resp: 214633
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 113.2 87.9 131.9

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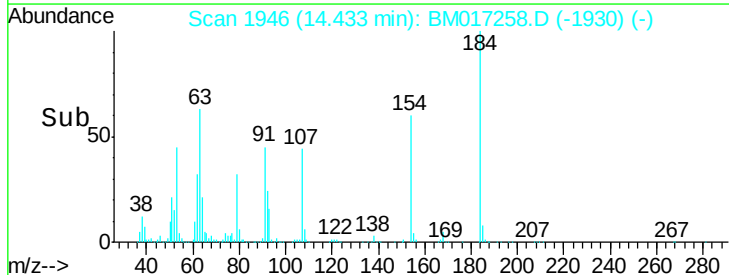
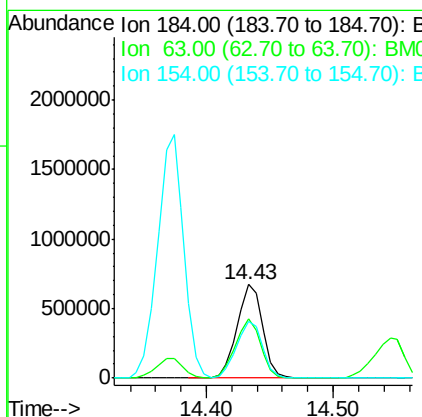
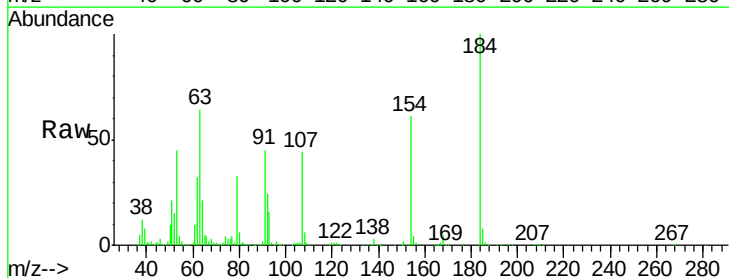
Sohil

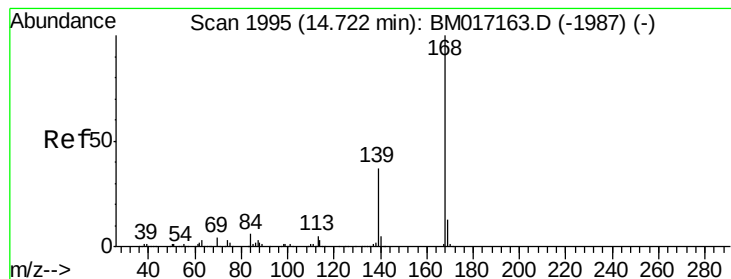
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#54
2,4-Dinitrophenol
Concen: 110.976 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:184 Resp: 939121
Ion Ratio Lower Upper
184 100
63 63.6 51.2 76.8
154 60.6 47.8 71.8





#55

Dibenzenofuran

Concen: 48.344 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion:168 Resp: 3987242

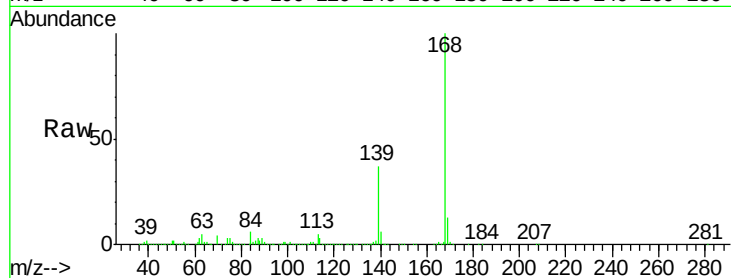
Ion Ratio Lower Upper

168 100

139 37.4 29.3 43.9

169 13.3 10.6 15.8

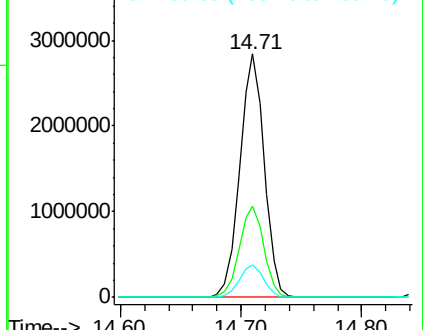
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Abundance Ion 168.00 (167.70 to 168.70): E

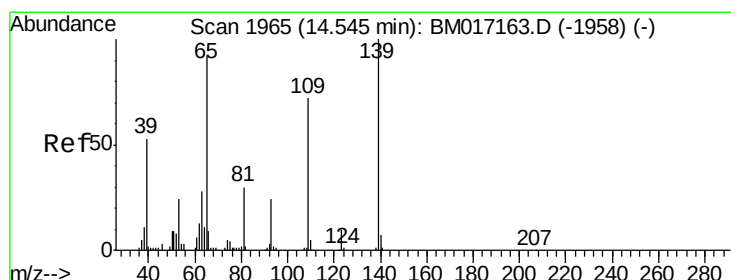
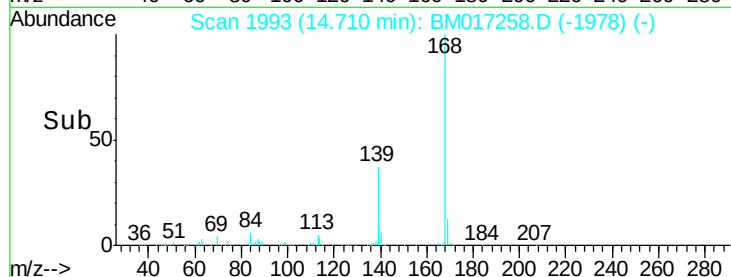
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#56

4-Nitrophenol

Concen: 115.433 ng

RT: 14.54 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

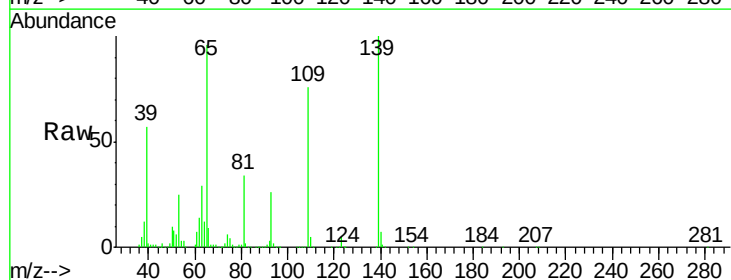
Tgt Ion:139 Resp: 1623266

Ion Ratio Lower Upper

139 100

109 75.7 51.8 91.8

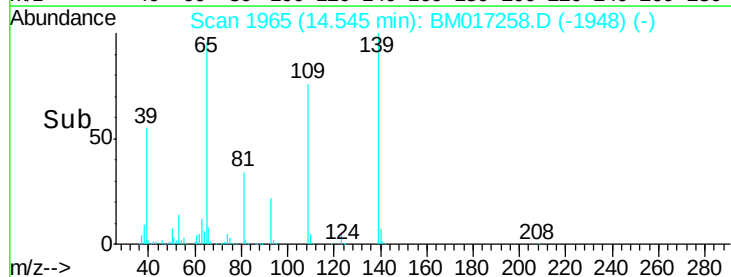
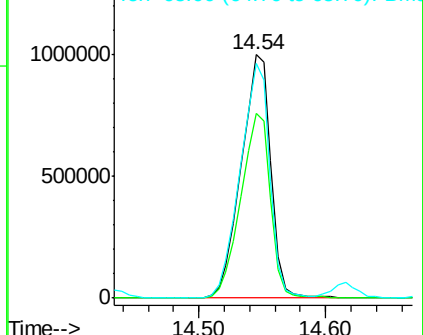
65 96.5 72.1 112.1

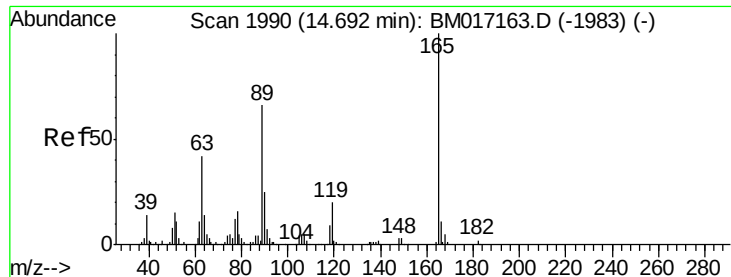


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



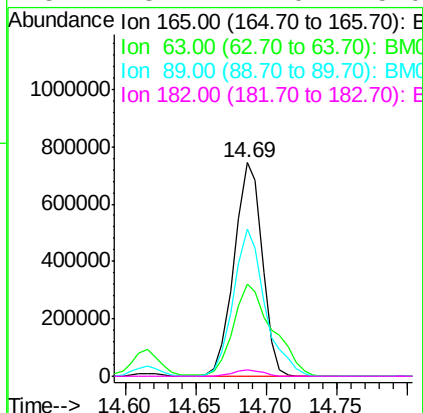
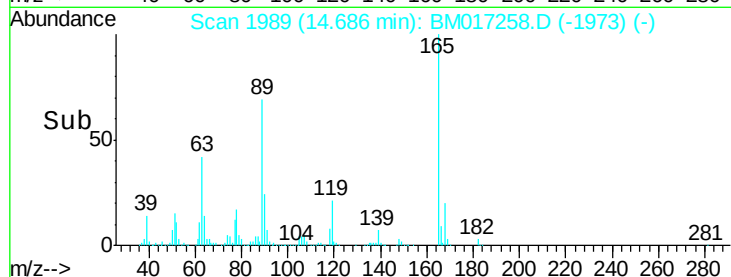
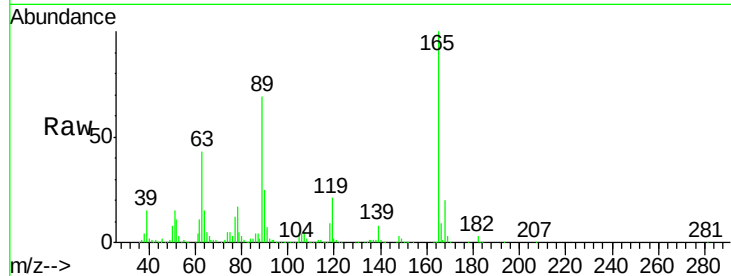


#57
2,4-Dinitrotoluene
Concen: 54.963 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

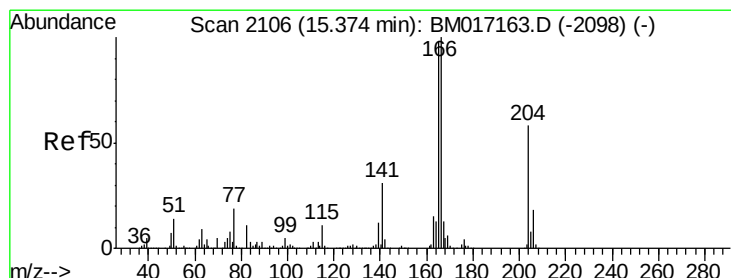
Tgt Ion:165 Resp: 1032568
Ion Ratio Lower Upper
165 100
63 43.1 33.8 50.8
89 68.8 53.1 79.7
182 3.1 2.0 3.0#

Manual Integrations
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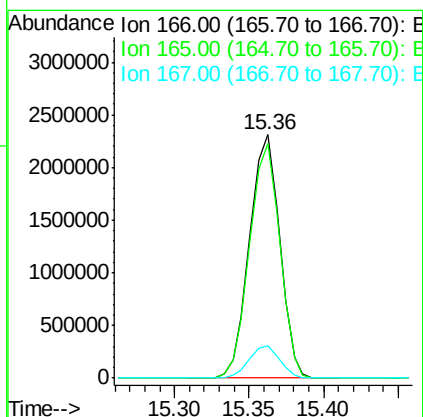
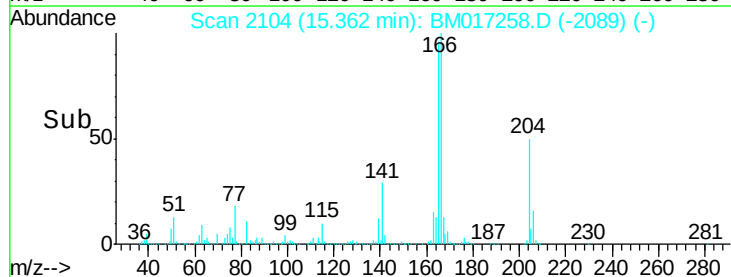
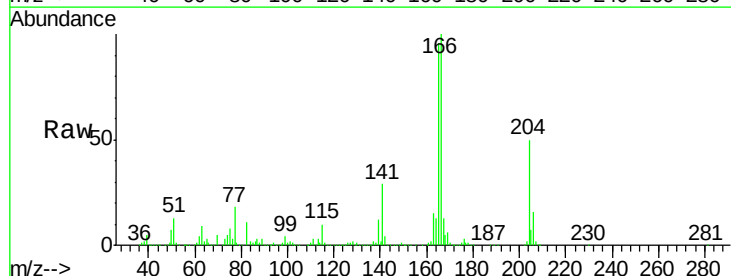
Sohil

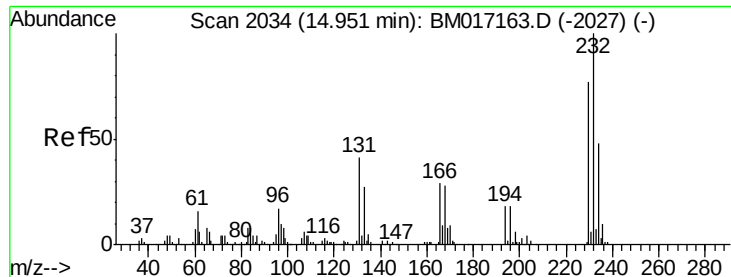
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#58
Fluorene
Concen: 52.906 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:166 Resp: 3229825
Ion Ratio Lower Upper
166 100
165 96.3 78.1 117.1
167 13.3 10.6 16.0



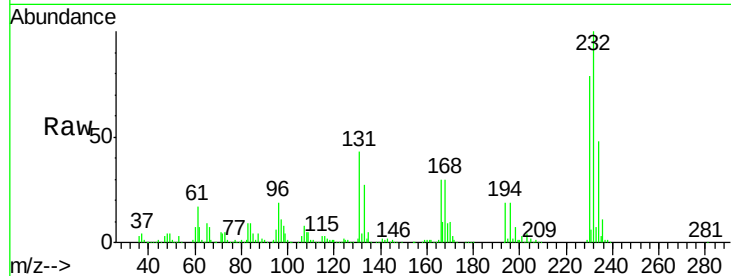


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.762 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

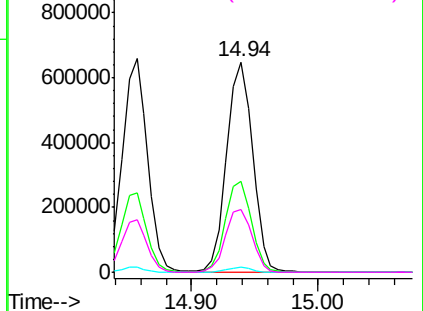
Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.1	49.7
130	2.2	1.7	2.5
166	31.0	24.4	36.6

Manual Integrations
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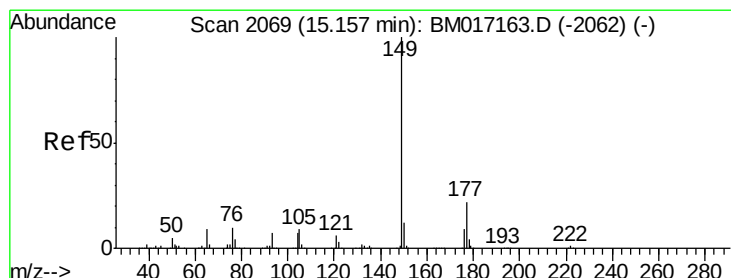
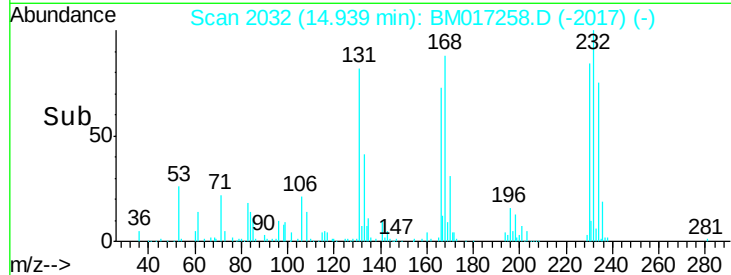


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



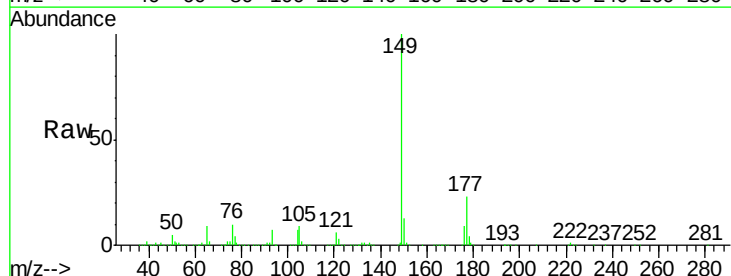
Sohil

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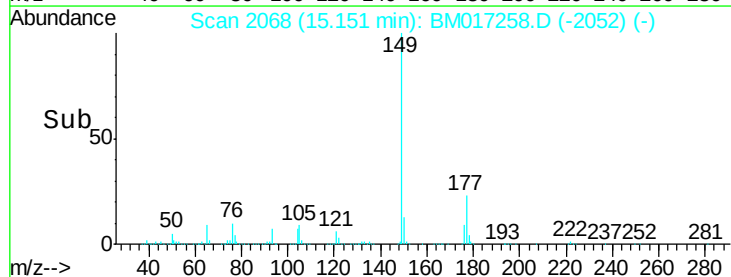
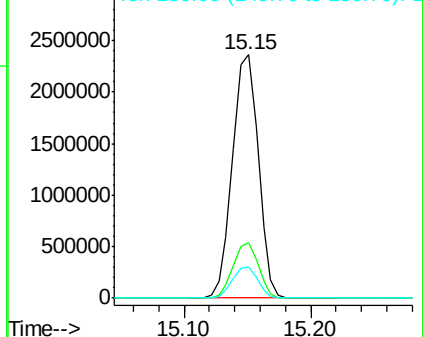


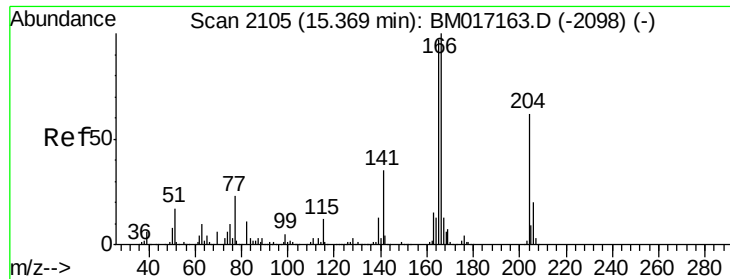
#60
Diethylphthalate
Concen: 52.939 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.7	26.5
150	12.6	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



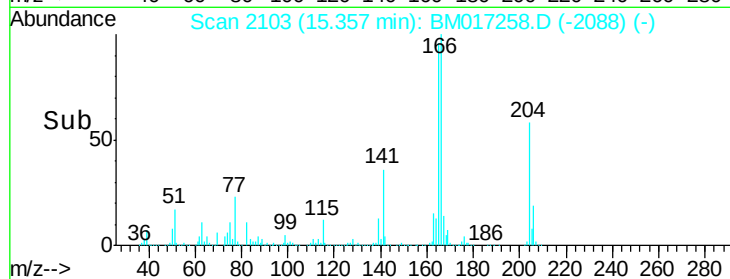
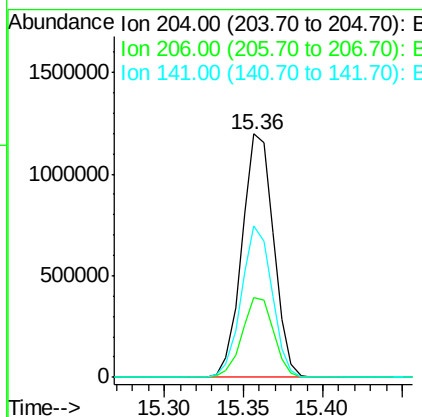
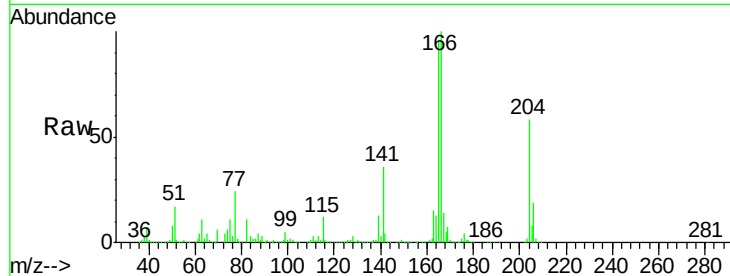


#61
 4-Chlorophenyl-phenylether
 Concen: 47.630 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

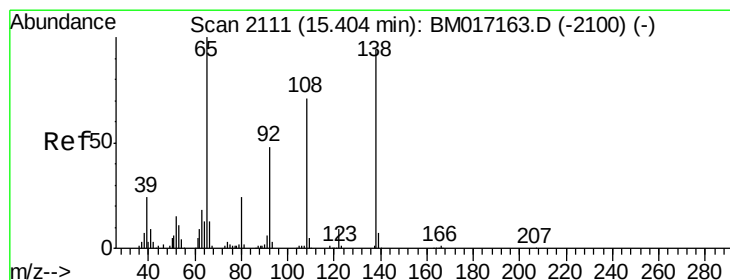
Tgt Ion:204 Resp: 1657671
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.1 39.1
 141 62.1 45.4 68.2

Manual Integrations
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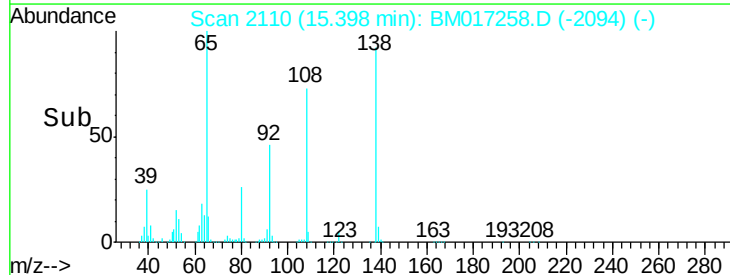
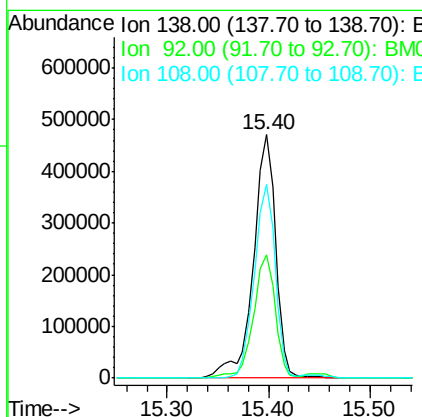
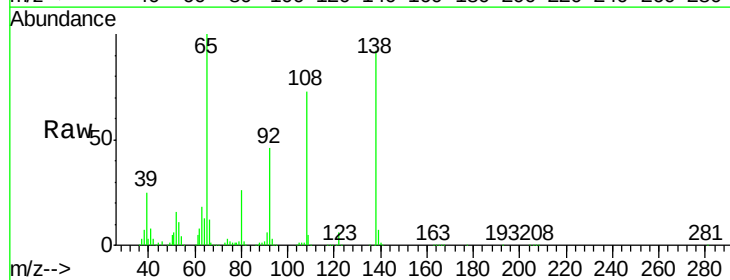
Sohil

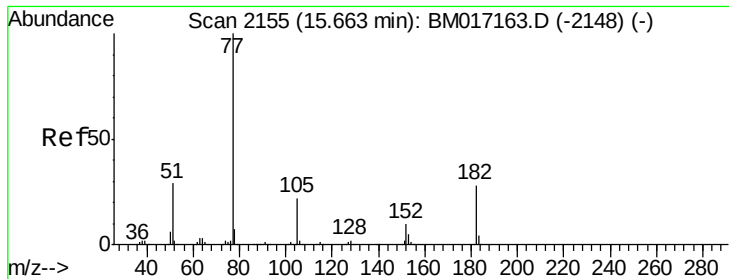
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#62
 4-Nitroaniline
 Concen: 43.416 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:138 Resp: 724980
 Ion Ratio Lower Upper
 138 100
 92 50.7 31.2 71.2
 108 79.4 55.5 95.5



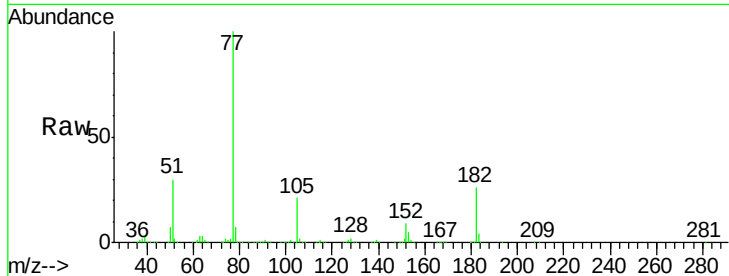


#63
Azobenzene
Concen: 51.139 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

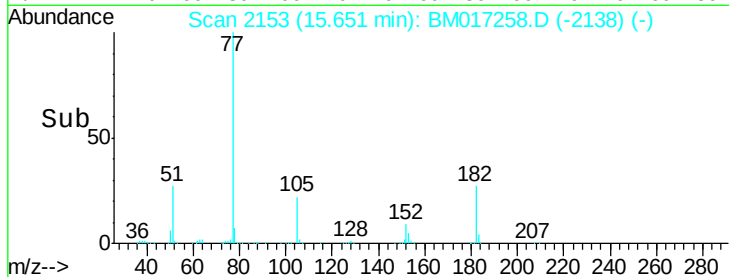
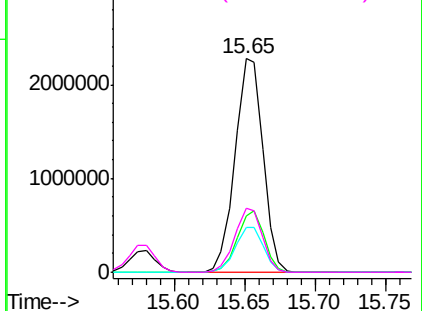
Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

Tgt Ion: 77 Resp: 3130570
Ion Ratio Lower Upper
77 100
182 26.4 8.3 48.3
105 21.0 1.5 41.5
51 30.0 8.8 48.8

Manual Integrations
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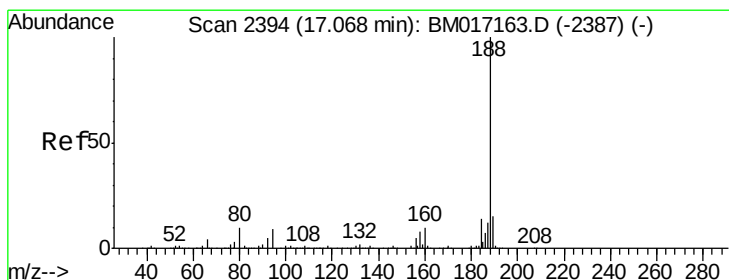


Abundance Ion 77.00 (76.70 to 77.70): BM017258.D (-2138) (-)
Ion 182.00 (181.70 to 182.70): BM017258.D (-2138) (-)
Ion 105.00 (104.70 to 105.70): BM017258.D (-2138) (-)
Ion 51.00 (50.70 to 51.70): BM017258.D (-2138) (-)



Sohil

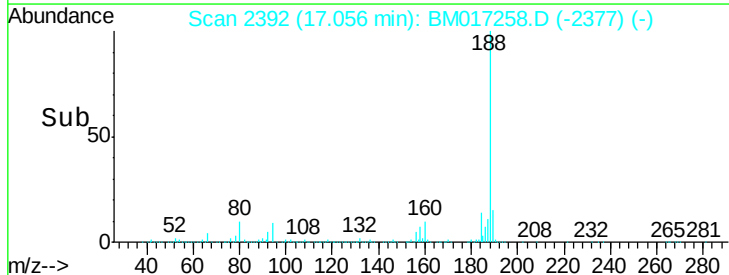
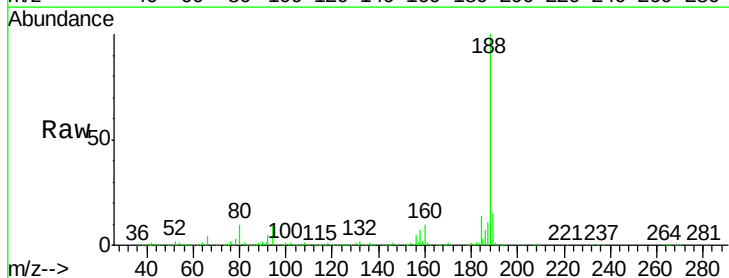
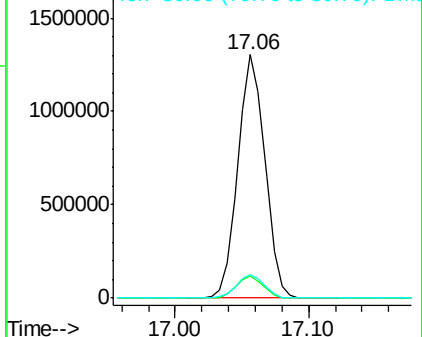
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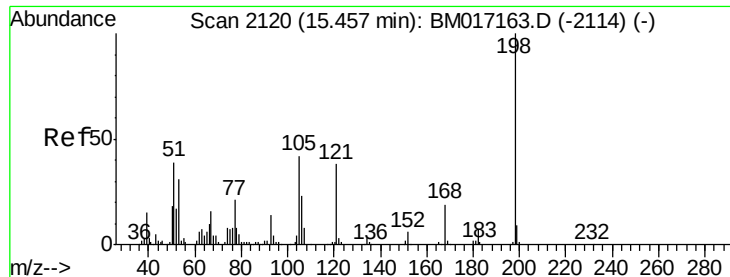


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 188 Resp: 1827709
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.9 7.7 11.5

Abundance Ion 188.00 (187.70 to 188.70): BM017258.D (-2377) (-)
Ion 94.00 (93.70 to 94.70): BM017258.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM017258.D (-2377) (-)



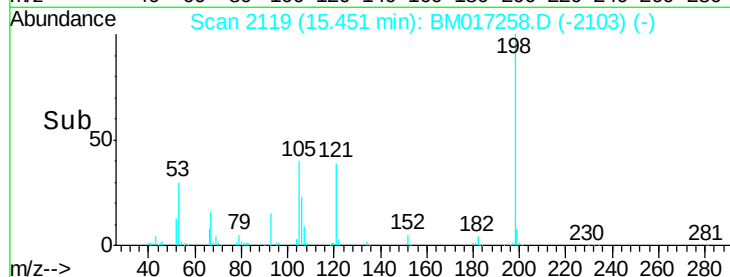
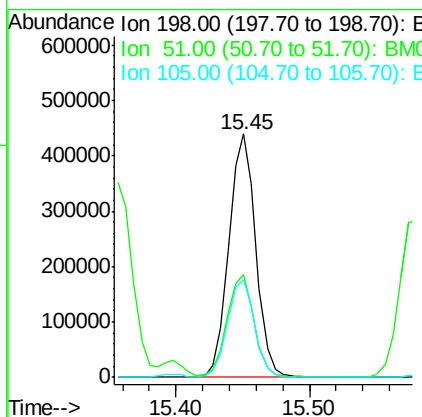
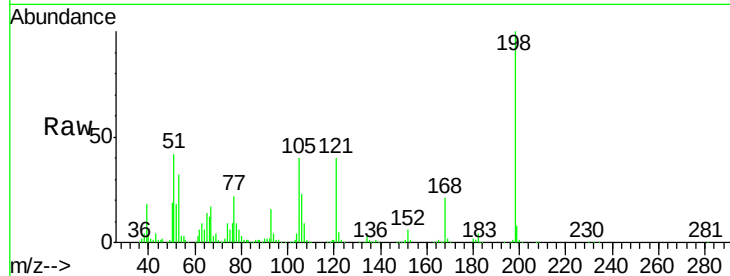


#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.982 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

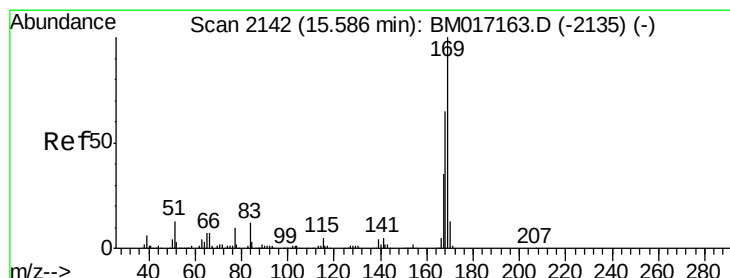
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.2	20.3	60.3
105	40.1	21.9	61.9

Manual Integrations
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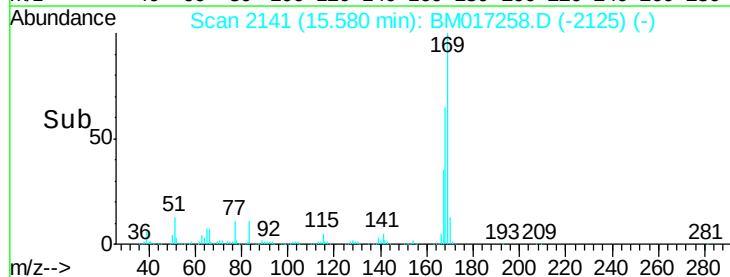
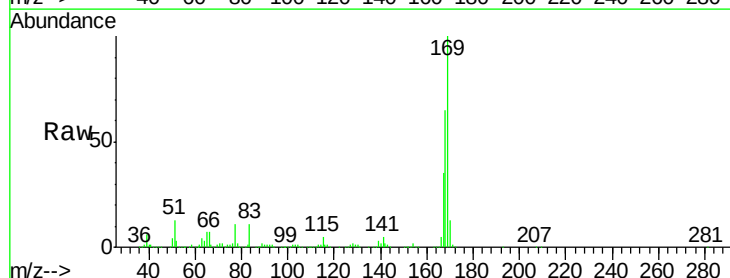
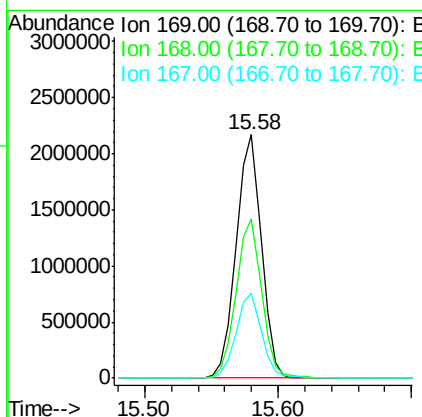
Sohil

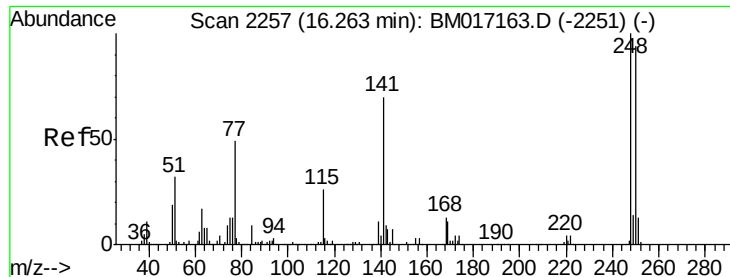
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#66
 n-Nitrosodiphenylamine
 Concen: 51.689 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.2	78.4
167	34.8	28.4	42.6



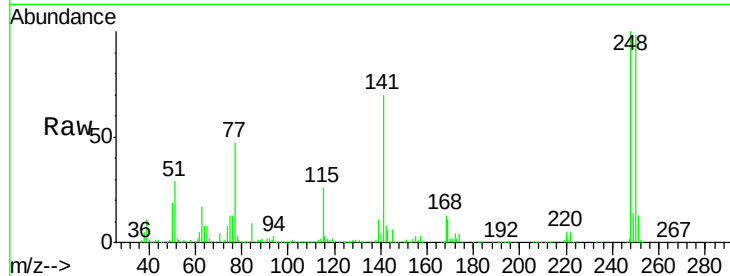


#67
 4-Bromophenyl-phenylether
 Concen: 53.212 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

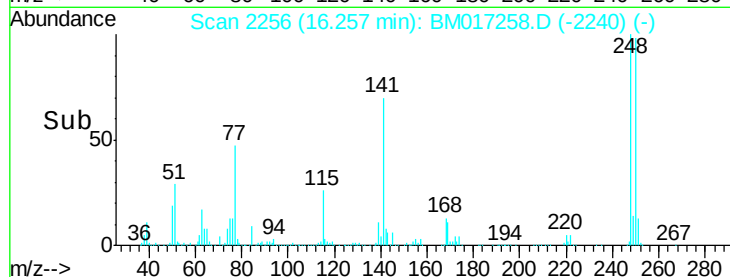
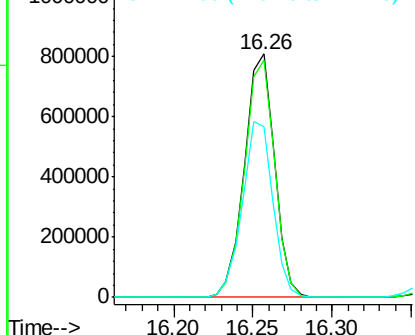
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

Tgt Ion:248 Resp: 1067877
 Ion Ratio Lower Upper
 248 100
 250 97.7 75.1 112.7
 141 70.1 55.6 83.4

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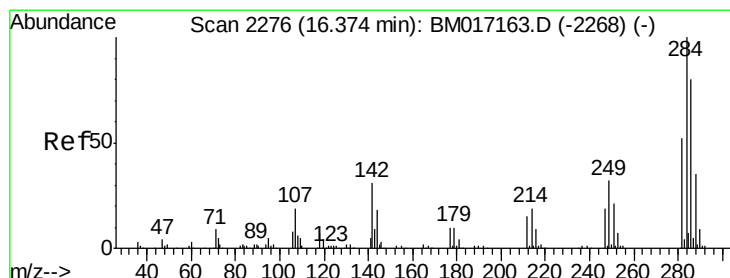


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



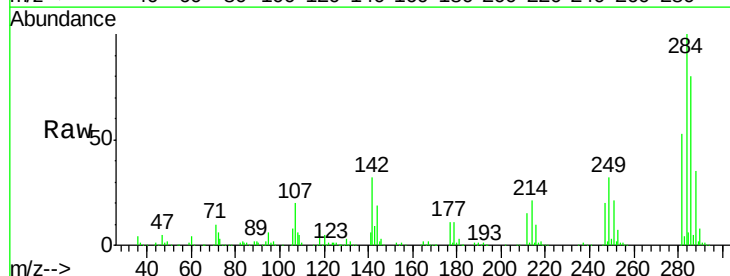
Sohil

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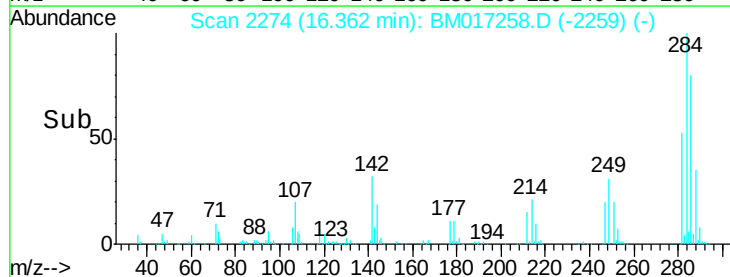
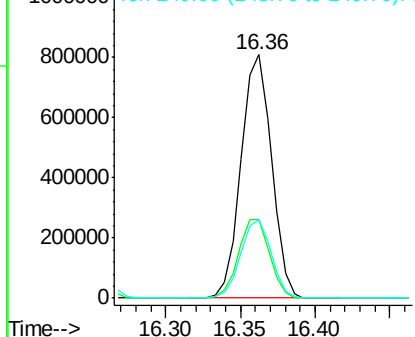


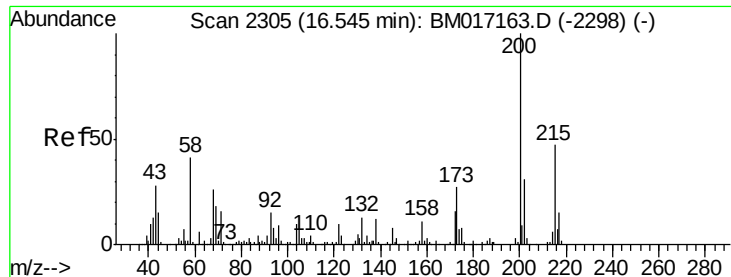
#68
 Hexachlorobenzene
 Concen: 49.160 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:284 Resp: 1145998
 Ion Ratio Lower Upper
 284 100
 142 32.2 25.0 37.6
 249 32.2 25.5 38.3



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



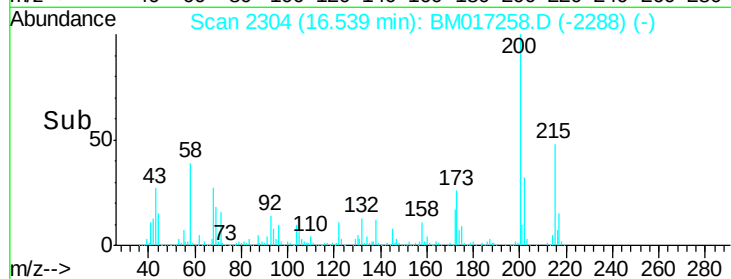
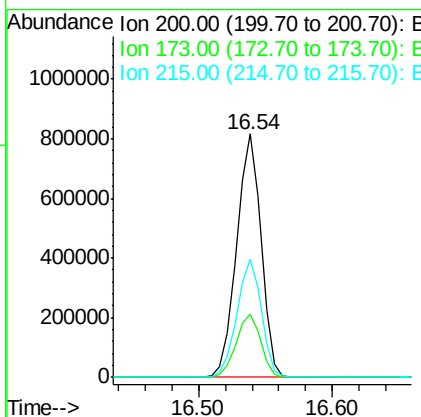
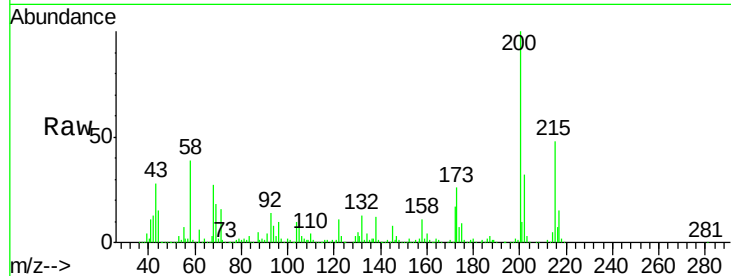


#69
 Atrazine
 Concen: 52.484 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

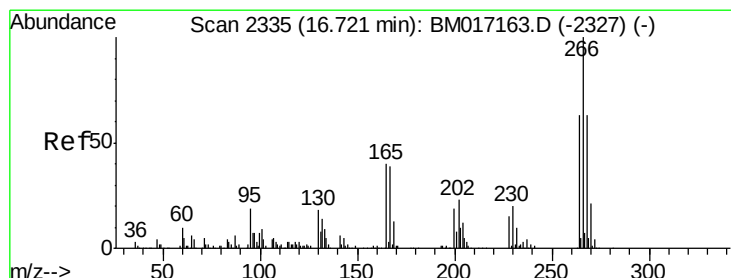
Tgt Ion:200 Resp: 1038707
 Ion Ratio Lower Upper
 200 100
 173 26.1 7.0 47.0
 215 48.4 27.3 67.3

Manual Integrations
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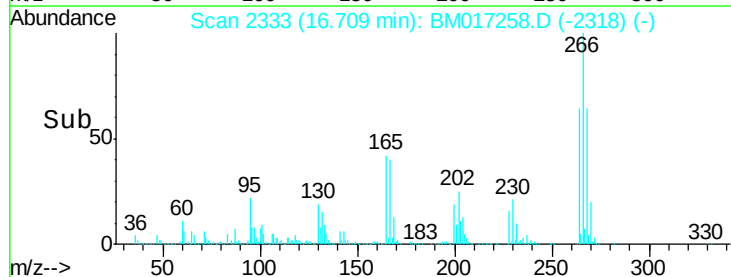
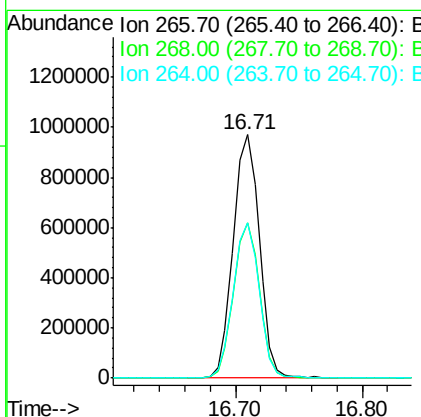
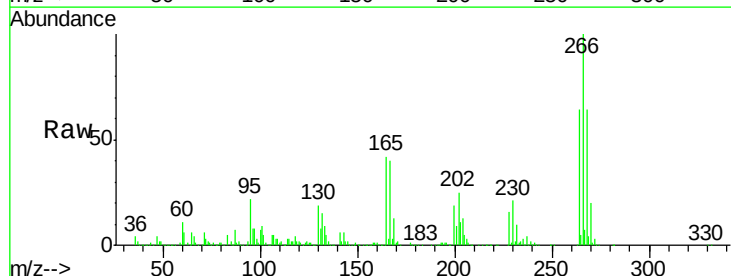
Sohil

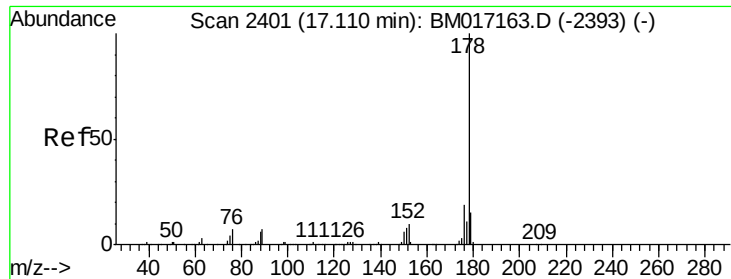
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#70
 Pentachlorophenol
 Concen: 87.051 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:266 Resp: 1390121
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.7 76.1
 264 63.7 50.4 75.6



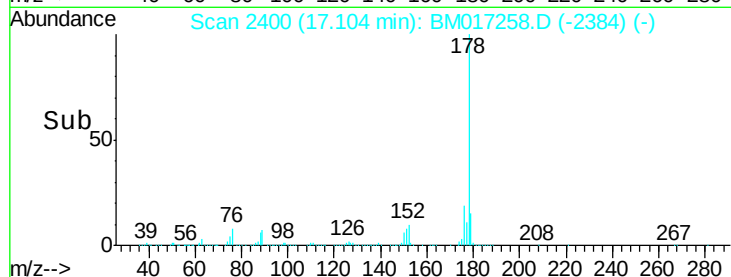
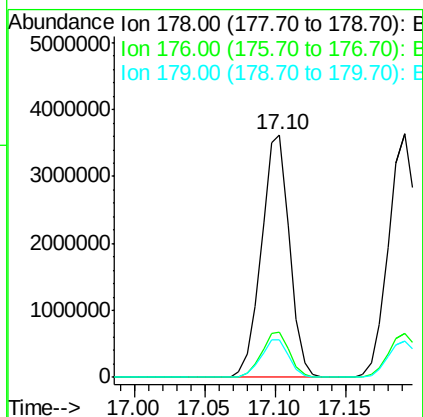
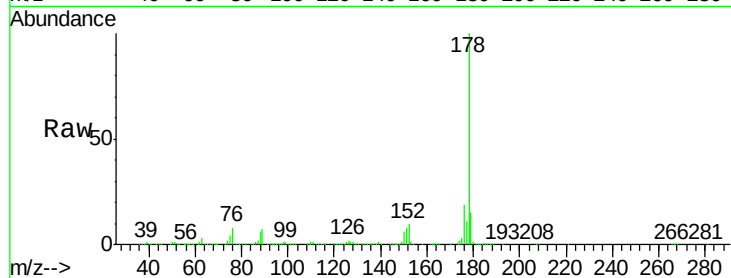


#71
Phenanthrene
Concen: 51.384 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

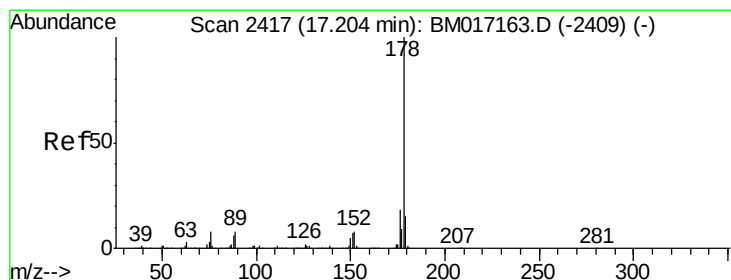
Tgt Ion:178 Resp: 5066995
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.3 12.3 18.5

Manual Integrations
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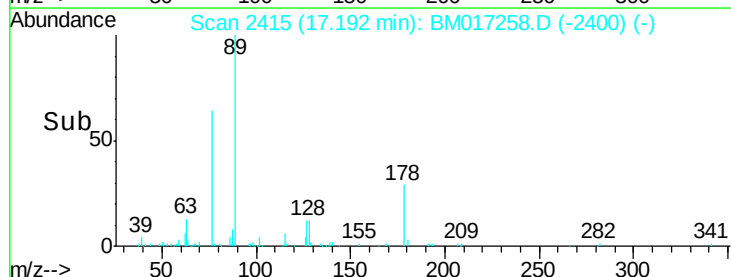
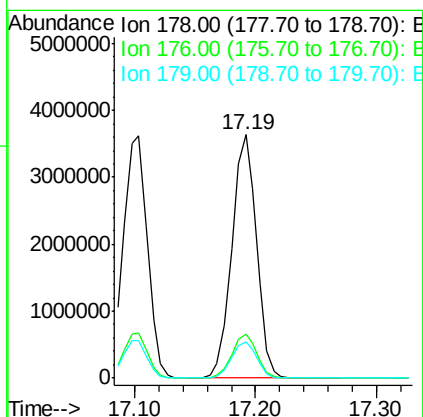
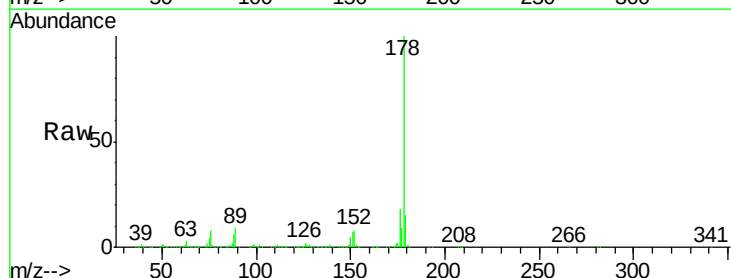
Sohil

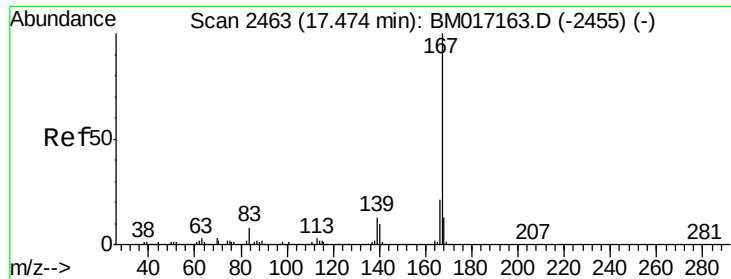
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#72
Anthracene
Concen: 54.978 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:178 Resp: 5151342
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.1 12.2 18.2



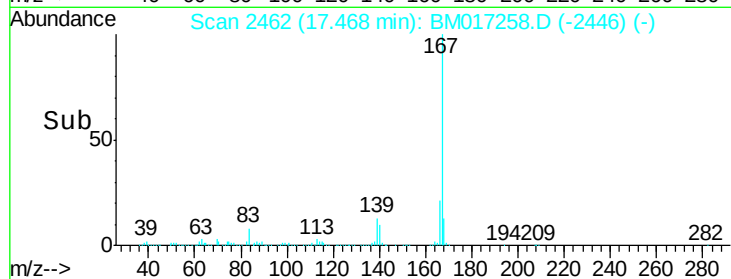
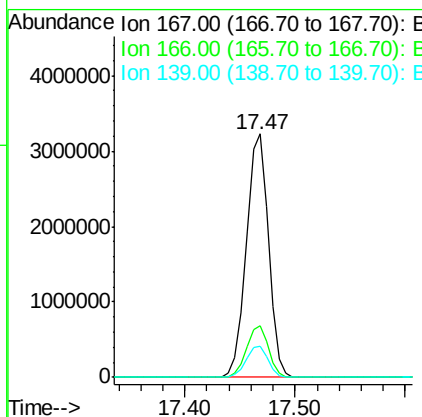
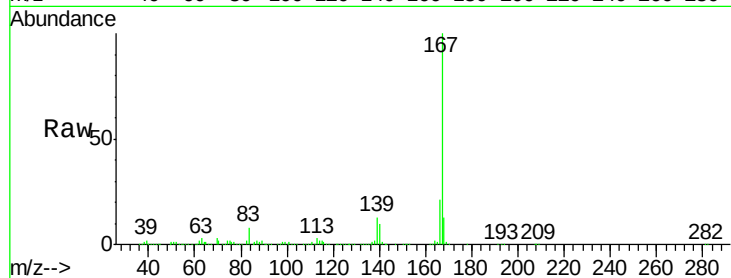


#73
 Carbazole
 Concen: 47.673 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

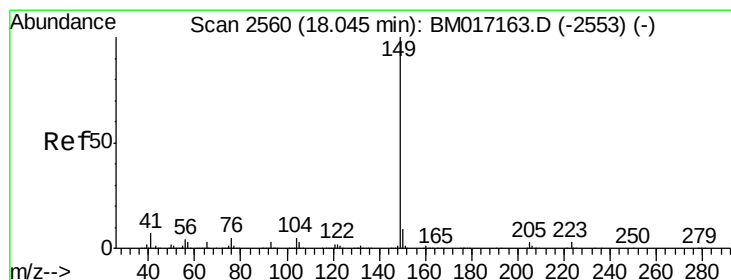
Tgt Ion:167 Resp: 4562926
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.6 10.1 15.1

Manual Integrations
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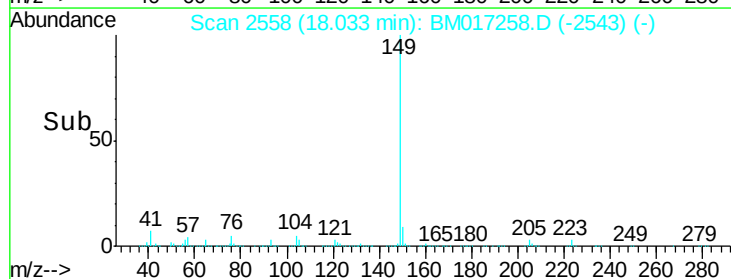
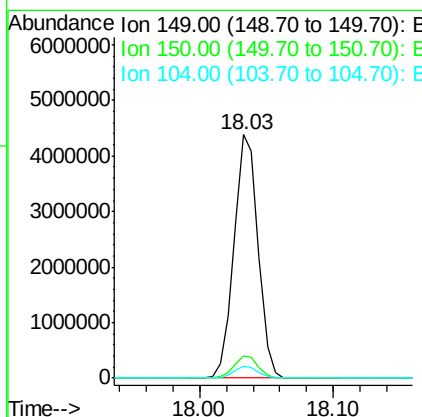
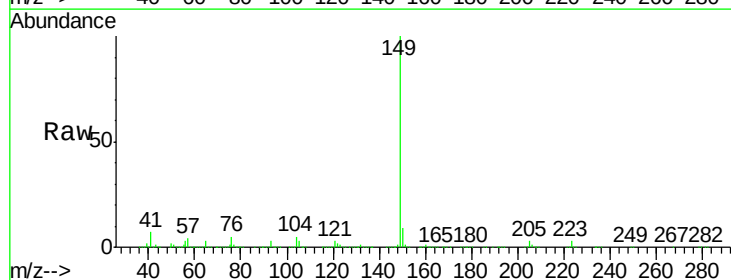
Sohil

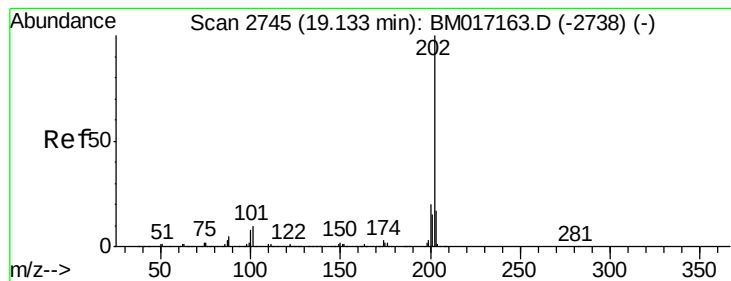
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#74
 Di-n-butylphthalate
 Concen: 54.549 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 5506745
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.0 4.3 6.5



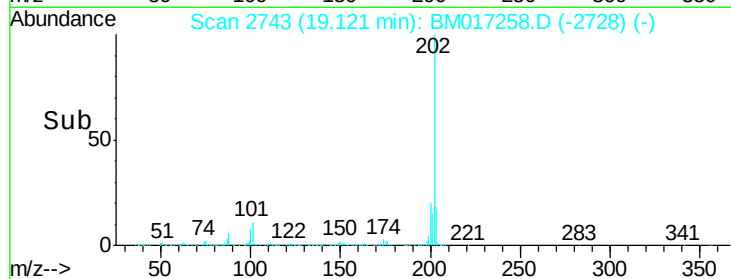
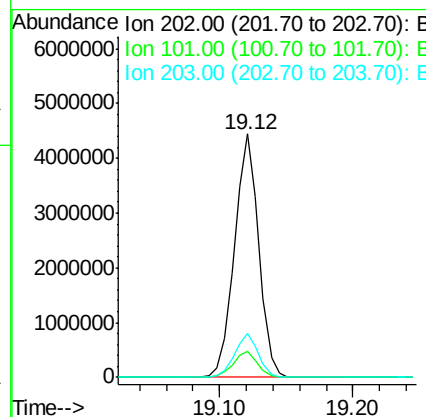
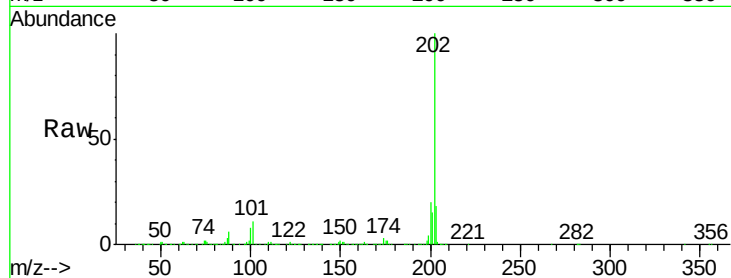


#75
 Fluoranthene
 Concen: 50.729 ng
 RT: 19.12 min Scan# 2743
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

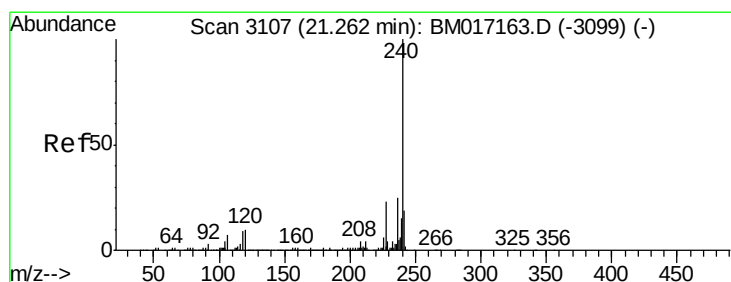
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.0
203	17.9	0.0	37.2

Manual Integrations
 APPROVED



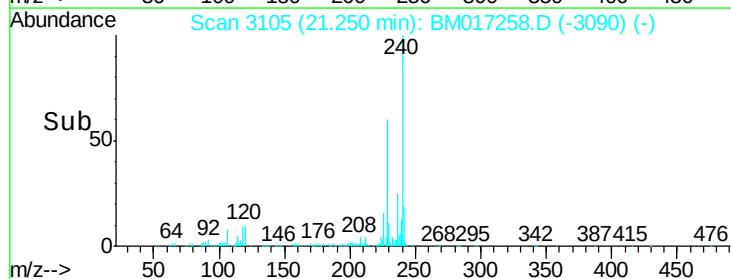
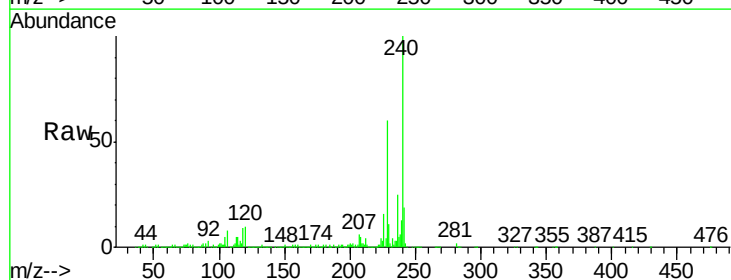
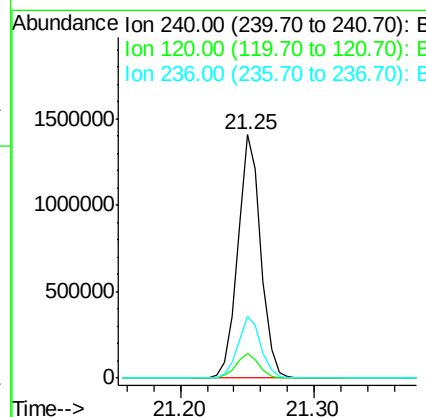
Sohil

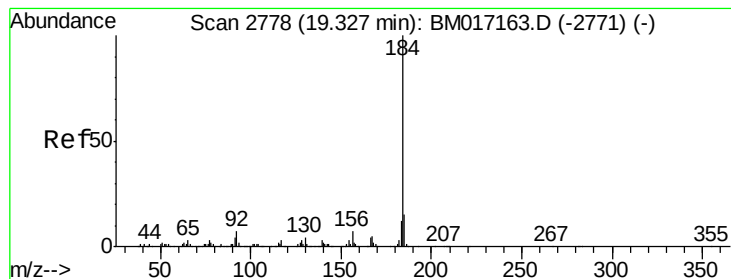
10/22/2018 1:09:36 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	25.3	19.9	29.9





#77

Benzidine

Concen: 4.844 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

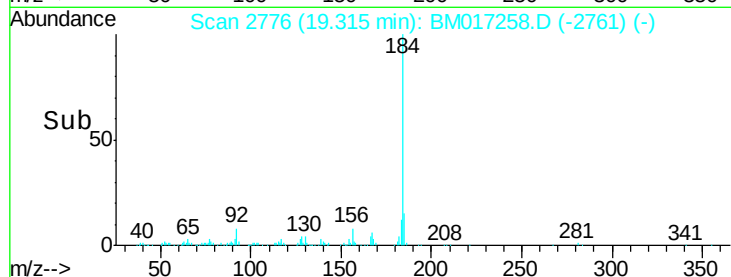
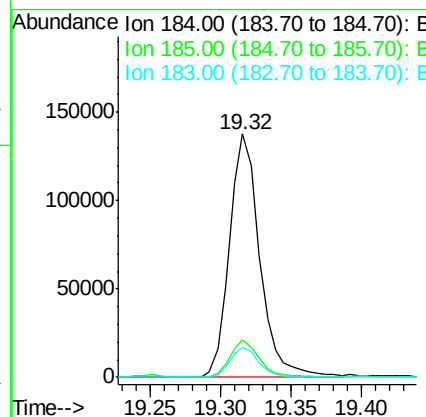
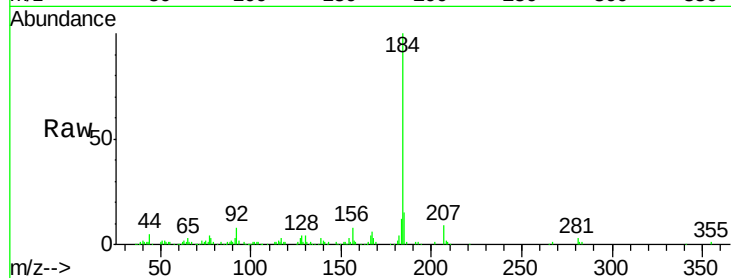
BNA_M

ClientSampleId :

JC-02-101818-AMS

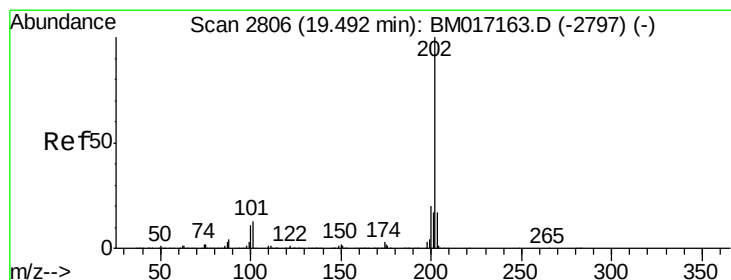
Tgt Ion:	184	Resp:	206943
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.8	17.8
183	12.0	9.7	14.5

Manual Integrations
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Sohil

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#78

Pyrene

Concen: 60.000 ng

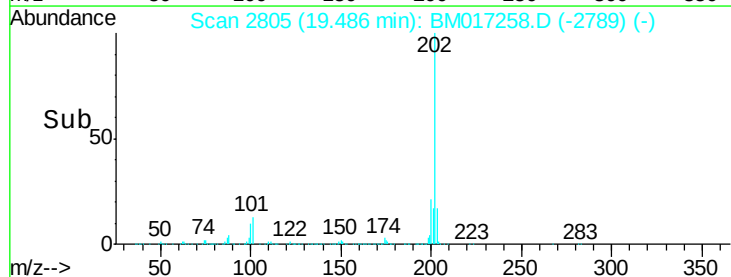
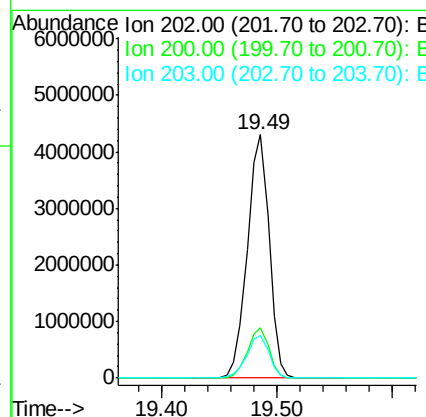
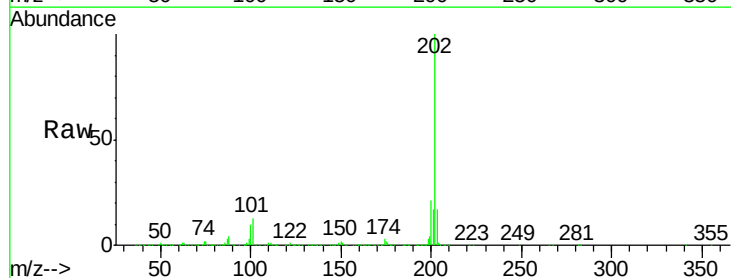
RT: 19.49 min Scan# 2805

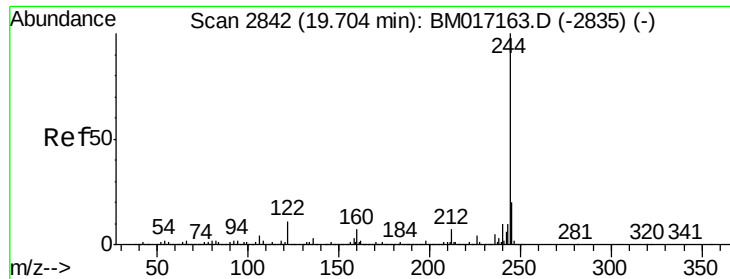
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:	202	Resp:	5649787
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.3	24.5
203	17.4	13.9	20.9



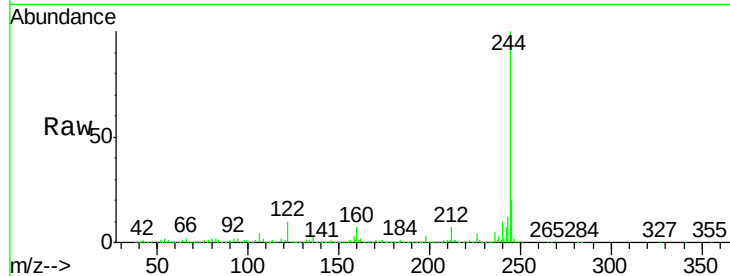


#79
 Terphenyl-d14
 Concen: 92.019 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

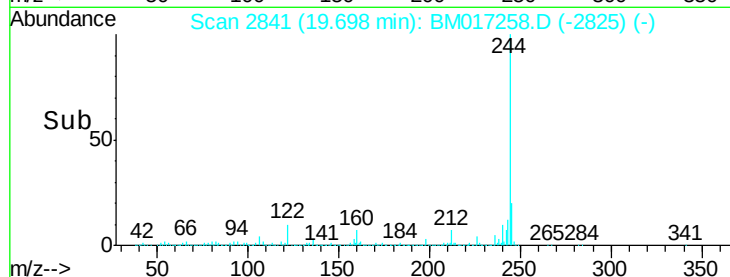
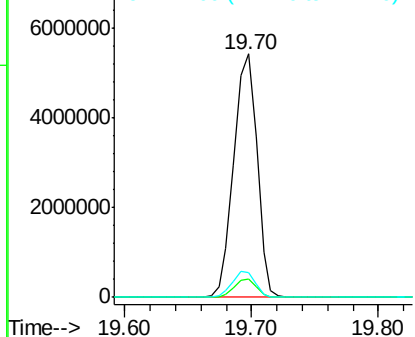
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-AMS

Tgt Ion:244 Resp: 6878032
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.3 8.4 12.6

Manual Integrations
 APPROVED

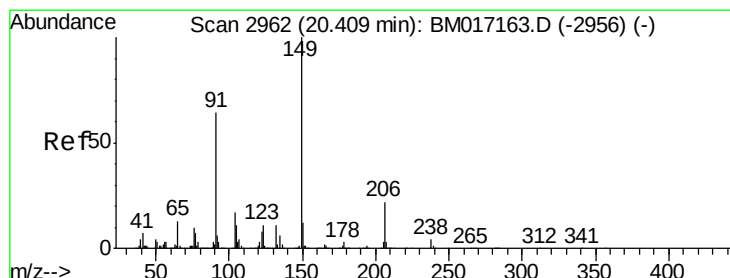


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Sohil

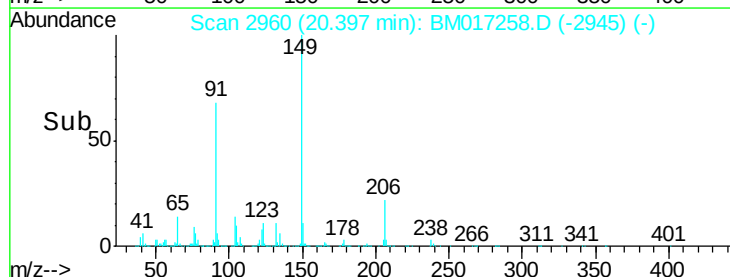
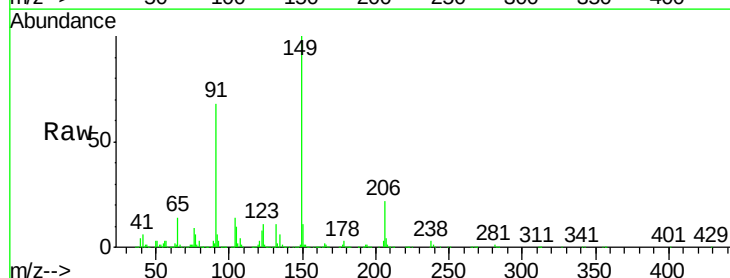
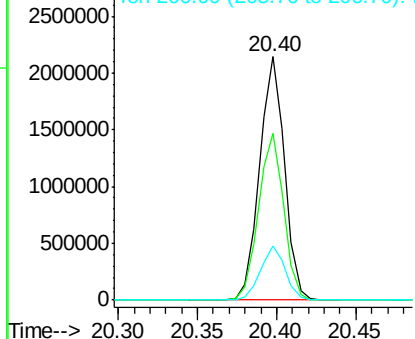
10/22/2018 1:09:36 PM

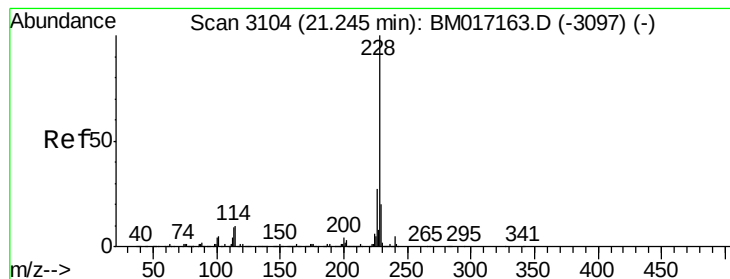


#80
 Butylbenzylphthalate
 Concen: 62.897 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 2347550
 Ion Ratio Lower Upper
 149 100
 91 68.3 51.3 76.9
 206 22.3 18.0 27.0

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM017258.D (-2945) (-)
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.182 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion:228 Resp: 5136932

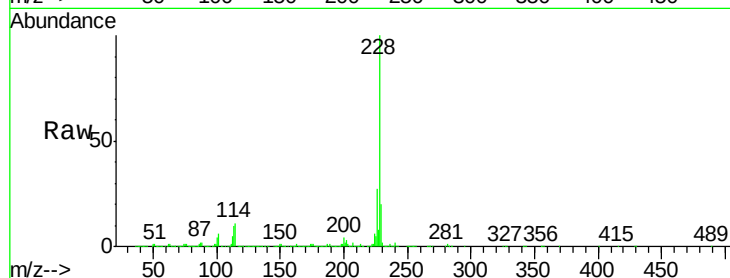
Ion Ratio Lower Upper

228 100

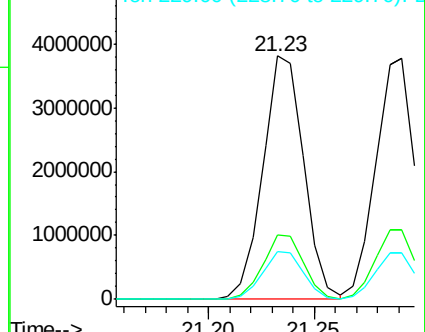
226 26.6 21.4 32.0

229 19.8 15.9 23.9

Manual Integrations
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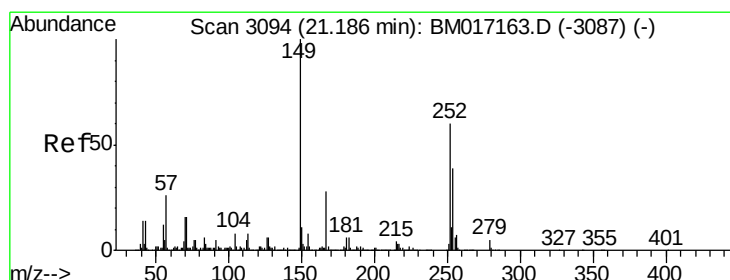
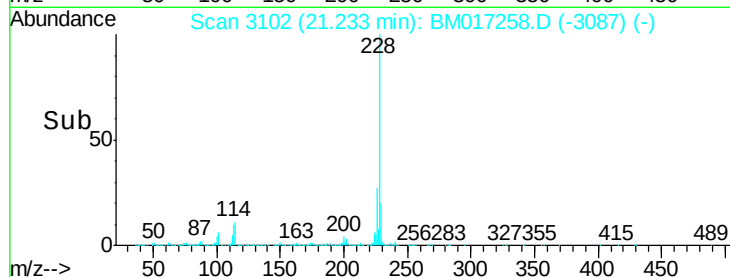


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Sohil

10/22/2018 1:09:36 PM



#82

3,3'-Dichlorobenzidine

Concen: 17.471 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

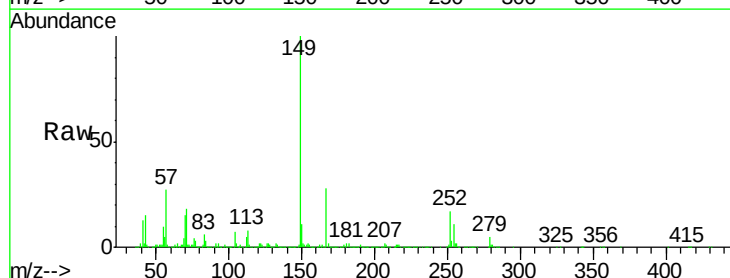
Tgt Ion:252 Resp: 617359

Ion Ratio Lower Upper

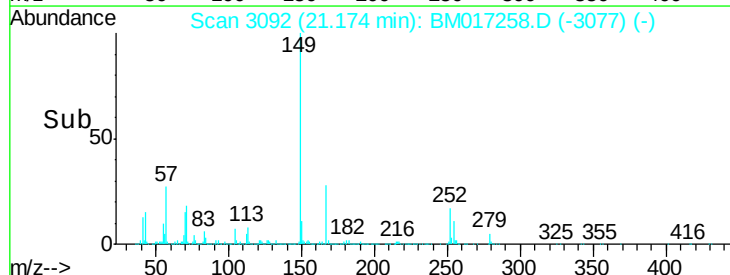
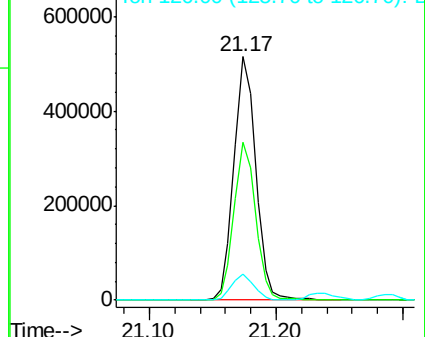
252 100

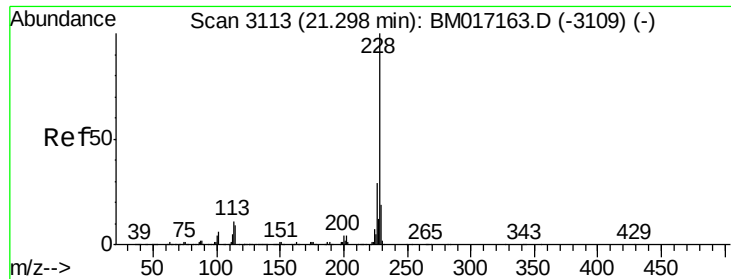
254 64.8 52.1 78.1

126 10.5 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



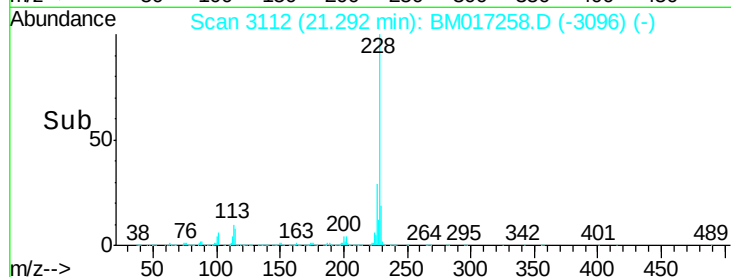
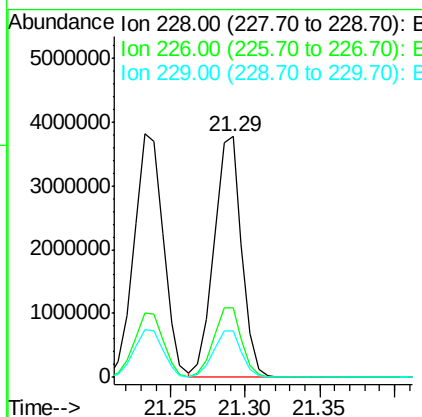
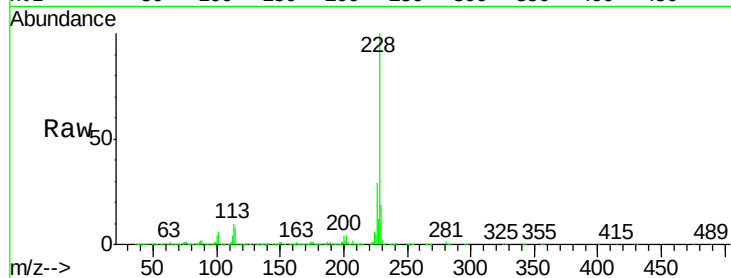


#83
Chrysene
Concen: 51.902 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

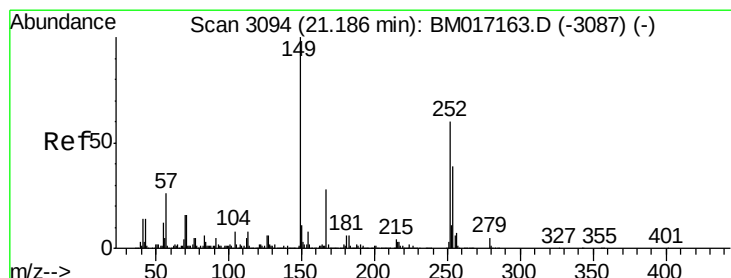
Tgt Ion: 228 Resp: 4870579
Ion Ratio Lower Upper
228 100
226 29.1 23.3 34.9
229 19.4 15.6 23.4

Manual Integrations
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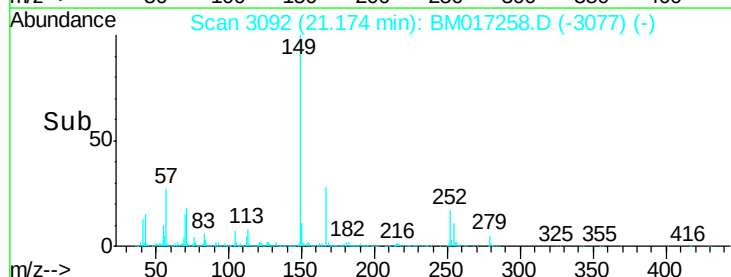
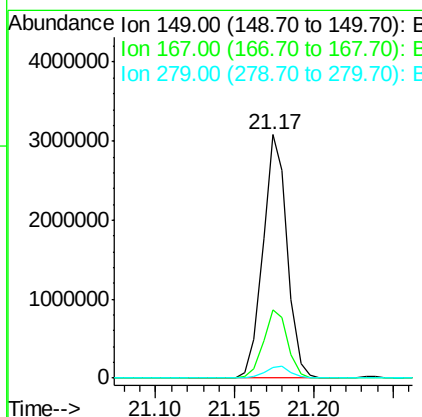
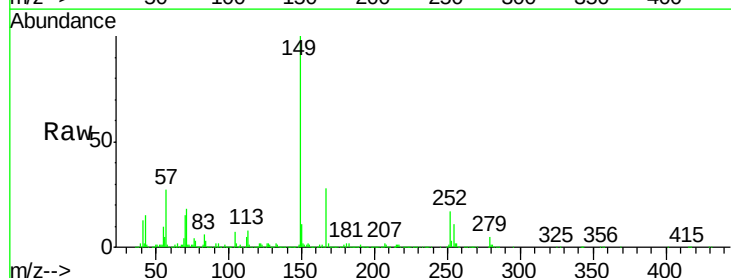
Sohil

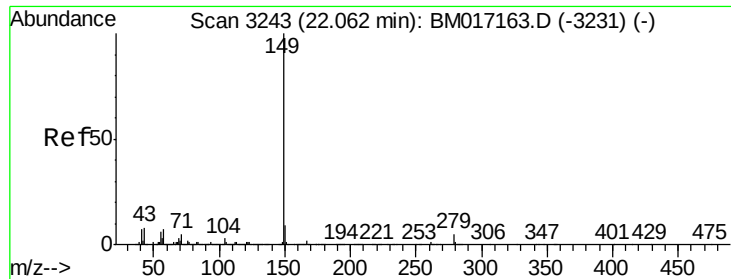
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#84
Bis(2-ethylhexyl)phthalate
Concen: 58.419 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 149 Resp: 3273724
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 4.6 3.6 5.4



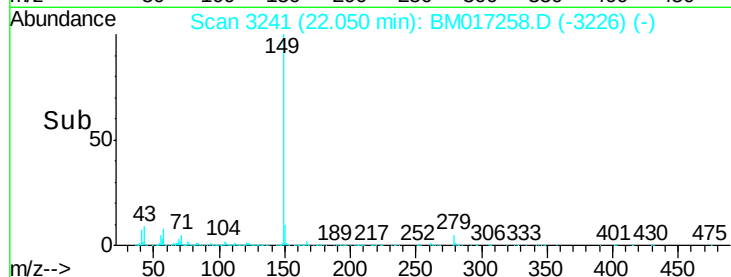
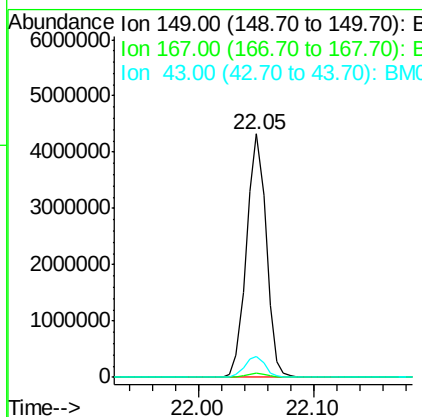
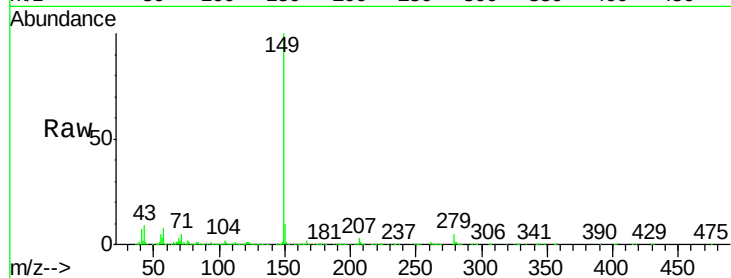


#85
Di-n-octyl phthalate
Concen: 54.417 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

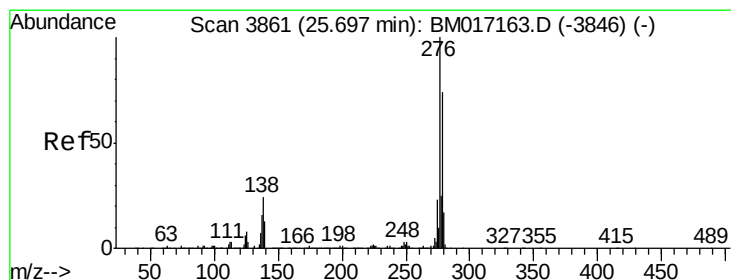
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.8	7.2	10.8

Manual Integrations
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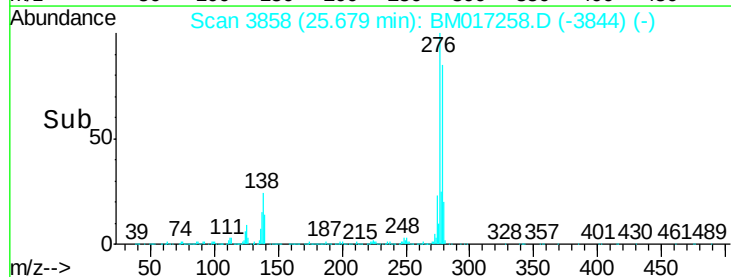
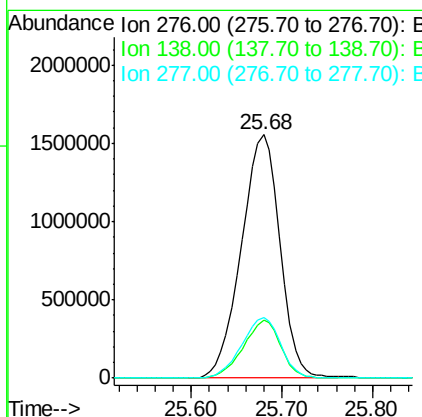
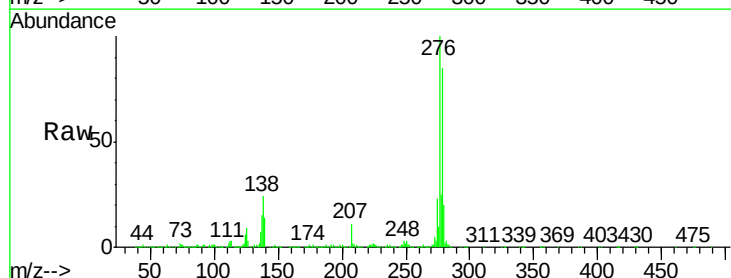
Sohil

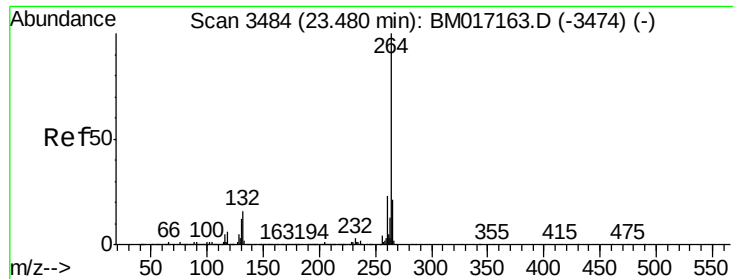
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.798 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.5	29.3
277	25.1	20.1	30.1



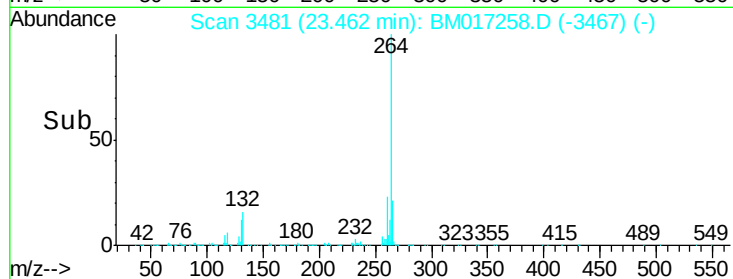
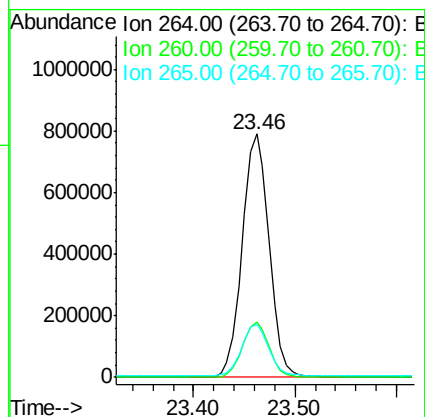
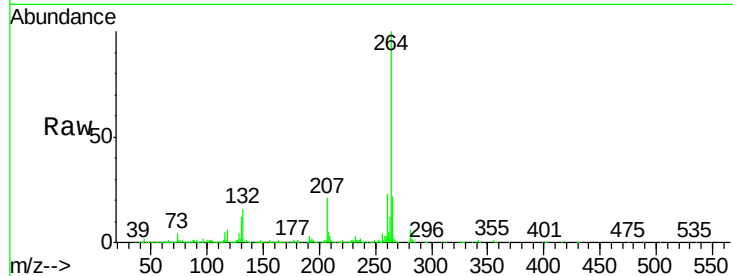


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

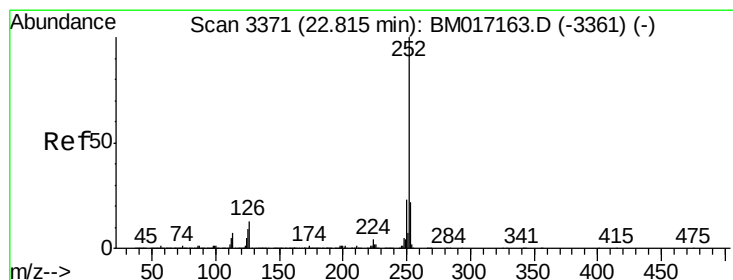
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.6	17.8	26.8

Manual Integrations
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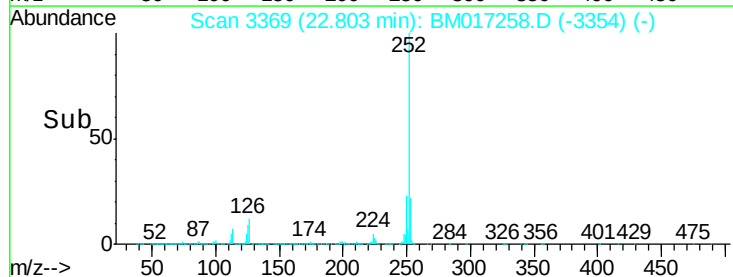
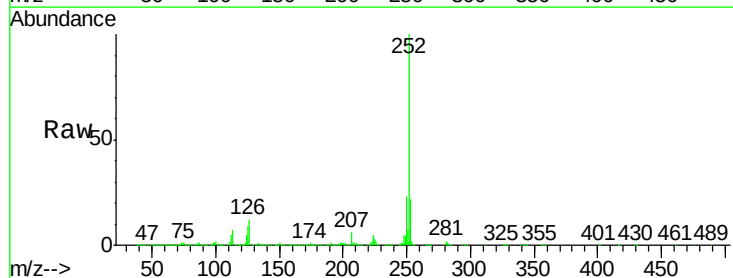
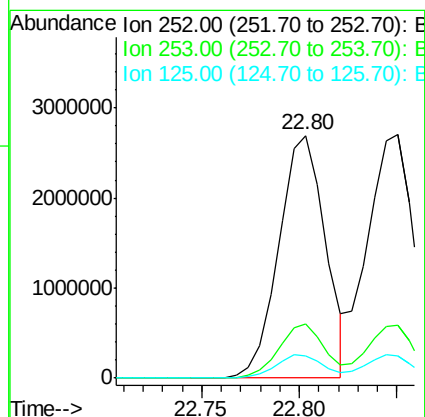
Sohil

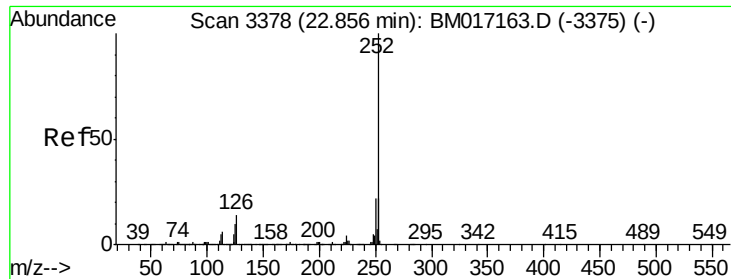
10/22/2018 1:09:36 PM



#88
Benzo(b)fluoranthene
Concen: 55.639 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.0	7.5	11.3



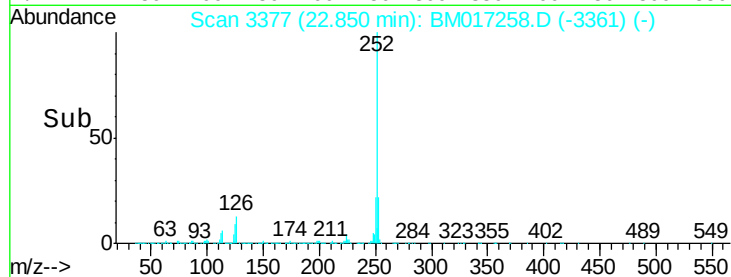
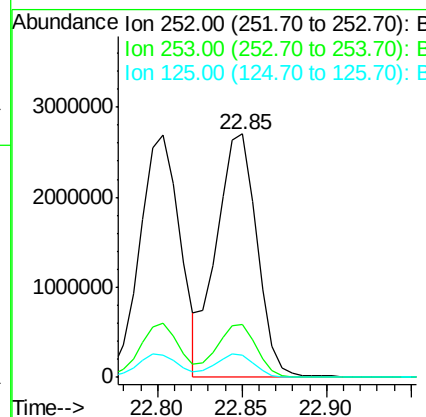
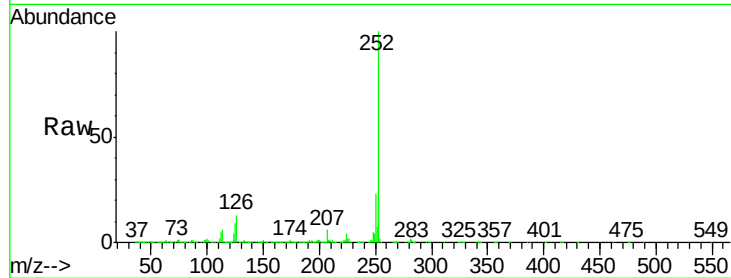


#89
Benzo(k)fluoranthene
Concen: 56.131 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMS

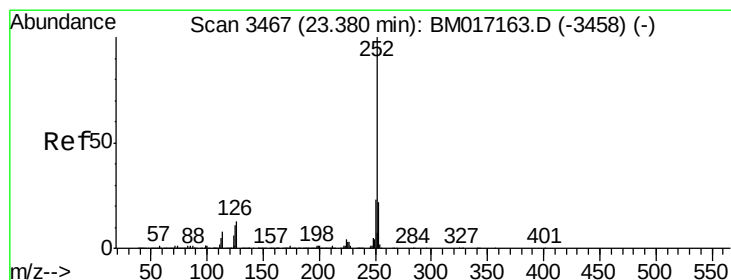
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.0	8.2	12.2

Manual Integrations
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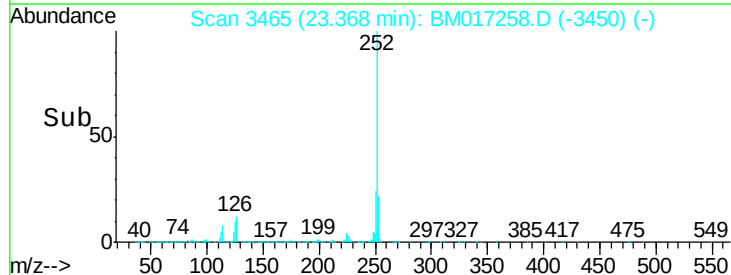
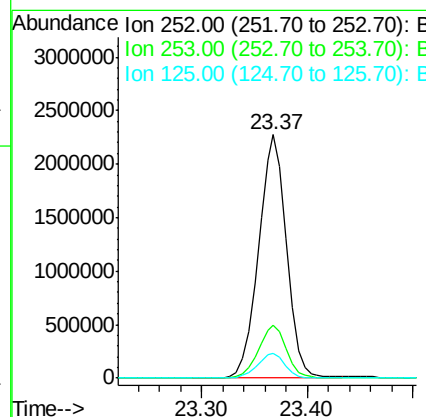
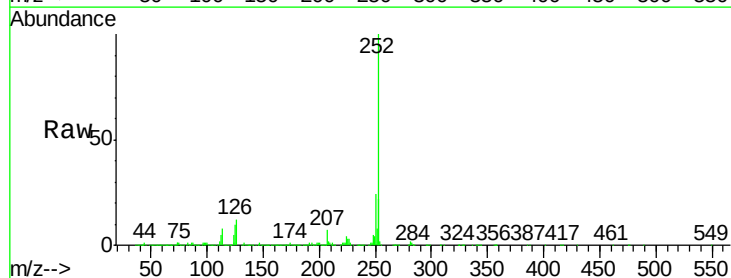
Sohil

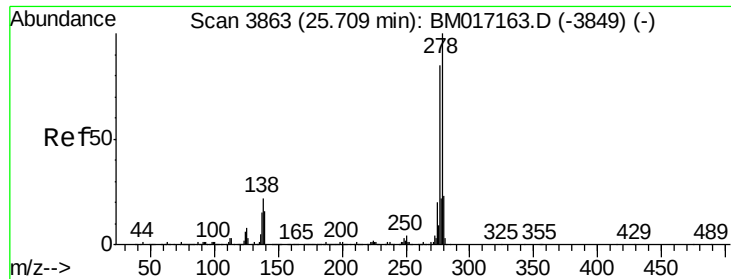
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#90
Benzo(a)pyrene
Concen: 55.199 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.1	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 51.579 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-AMS

Tgt Ion:278 Resp: 3873191

Ion Ratio Lower Upper

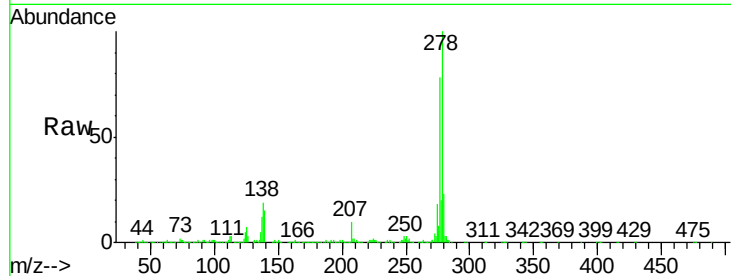
278 100

139 14.6 12.7 19.1

279 23.4 18.7 28.1

Manual Integrations

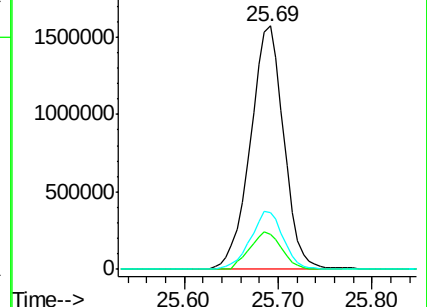
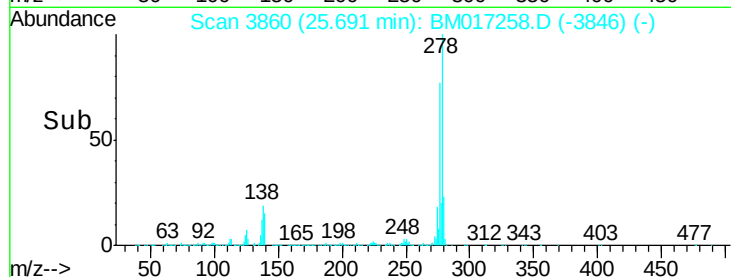
APPROVED



Abundance Ion 278.00 (277.70 to 278.70): E

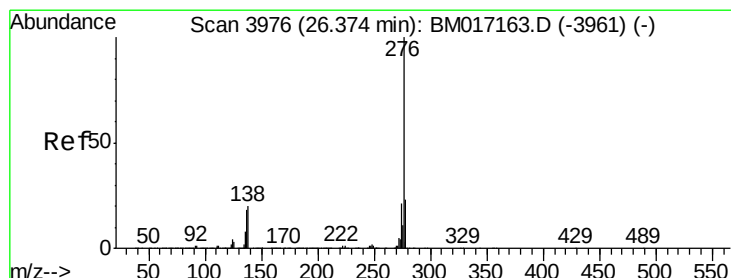
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Sohil

10/22/2018 1:09:36 PM



#92

Benzo(g,h,i)perylene

Concen: 51.756 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

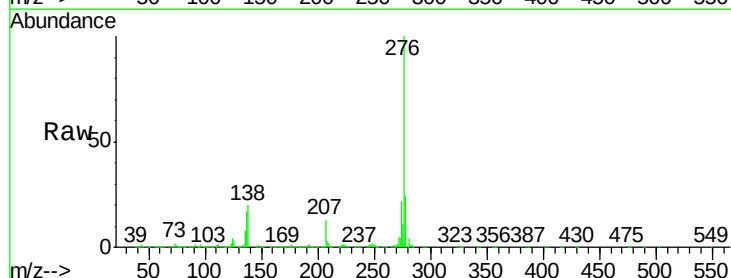
Tgt Ion:276 Resp: 3851935

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 19.8 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

