

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017203.D
 Acq On : 18 Oct 2018 21:21
 Operator : MJ/SJ
 Sample : J5549-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Manual Integrations
 APPROVED

Sohil
 10/19/2018 2:37:38 PM

Quant Time: Oct 19 13:54:39 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	7.67	152	359940	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1468581	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	832427	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1733245	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1406336	20.00	ng	0.00
87) Perylene-d12	23.46	264	1298683	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2272937	106.80	ng	0.00
7) Phenol-d6	6.86	99	2704605	93.31	ng	0.00
23) Nitrobenzene-d5	8.83	82	2110560	84.05	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1290839	114.67	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4843310	77.41	ng	0.00
79) Terphenyl-d14	19.70	244	5521883	88.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	298227	27.443	ng	# 78
3) Pyridine	3.67	79	810223	32.403	ng	# 83
4) n-Nitrosodimethylamine	3.57	42	445416	44.374	ng	# 67
6) Aniline	7.02	93	297655	8.210	ng	96
8) 2-Chlorophenol	7.25	128	1119315	45.463	ng	97
9) Benzaldehyde	6.83	77	401210	21.710	ng	95
10) Phenol	6.88	94	1151942	36.928	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	1033761	41.572	ng	96
12) 1,3-Dichlorobenzene	7.56	146	1182573	41.204	ng	96
13) 1,4-Dichlorobenzene	7.71	146	1211535	41.318	ng	99
14) 1,2-Dichlorobenzene	8.02	146	1164156	41.207	ng	98
15) Benzyl Alcohol	7.92	79	1011097	47.725	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1408903	40.555	ng	99
17) 2-Methylphenol	8.12	107	902427	45.071	ng	97
18) Hexachloroethane	8.73	117	439447	43.792	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	862910	45.214	ng	99
20) 3+4-Methylphenols	8.45	107	1206831	44.069	ng	97
22) Acetophenone	8.49	105	1721367	46.240	ng	# 98
24) Nitrobenzene	8.87	77	1267974	47.738	ng	95
25) Isophorone	9.39	82	2287248	55.162	ng	97
26) 2-Nitrophenol	9.57	139	598179	48.106	ng	94
27) 2,4-Dimethylphenol	9.63	122	1044283	56.957	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1437728	49.264	ng	99
29) 2,4-Dichlorophenol	10.10	162	1096117	51.491	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	1161915	45.499	ng	100
31) Naphthalene	10.50	128	3475566	48.293	ng	99
32) Benzoic acid	9.79	122	506285	37.009	ng	91
33) 4-Chloroaniline	10.62	127	107062	3.444	ng	98
34) Hexachlorobutadiene	10.77	225	725474	44.836	ng	98
35) Caprolactam	11.42	113	217931m	28.091	ng	
36) 4-Chloro-3-methylphenol	11.75	107	1152315	48.022	ng	97
37) 2-Methylnaphthalene	12.12	142	2628074	53.363	ng	98
38) 1-Methylnaphthalene	12.33	142	2475671	51.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1382485	47.159	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1855188	130.905	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	885474	52.033	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	941564	51.597	ng	96
46) 1,1'-Biphenyl	13.14	154	3381431	45.140	ng	100
47) 2-Chloronaphthalene	13.18	162	2589971	46.997	ng	99
48) 2-Nitroaniline	13.39	65	721126	46.517	ng	98
49) Acenaphthylene	14.03	152	4083926	51.126	ng	100
50) Dimethylphthalate	13.78	163	3078028	47.928	ng	99
51) 2,6-Dinitrotoluene	13.90	165	686376	48.559	ng	96
52) Acenaphthene	14.37	154	2413814	48.127	ng	98
53) 3-Nitroaniline	14.23	138	130989	8.556	ng	93
54) 2,4-Dinitrophenol	14.44	184	735071	87.755	ng	96
55) Dibenzofuran	14.72	168	3822912	45.835	ng	98
56) 4-Nitrophenol	14.54	139	979430	70.776	ng	92
57) 2,4-Dinitrotoluene	14.69	165	918762	48.361	ng	# 96
58) Fluorene	15.37	166	3034546	49.154	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	851873	51.212	ng	98
60) Diethylphthalate	15.15	149	3032231	47.609	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1577448	44.821	ng	95
62) 4-Nitroaniline	15.40	138	638295	38.415	ng	92
63) Azobenzene	15.66	77	2969138	47.962	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	501460	45.484	ng	94
66) n-Nitrosodiphenylamine	15.58	169	2639381	50.332	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	980738	51.533	ng	95
68) Hexachlorobenzene	16.37	284	1042501	47.158	ng	99
69) Atrazine	16.54	200	918971	48.964	ng	99
70) Pentachlorophenol	16.72	266	1189261	78.532	ng	100
71) Phenanthrene	17.10	178	4523819	48.376	ng	100
72) Anthracene	17.20	178	4624984	52.051	ng	100
73) Carbazole	17.47	167	3891876	42.878	ng	99
74) Di-n-butylphthalate	18.04	149	4573988	47.779	ng	100
75) Fluoranthene	19.12	202	4697329	44.640	ng	99
77) Benzidine	19.32	184	677635	19.003	ng	98
78) Pyrene	19.49	202	4666423	59.369	ng	100
80) Butylbenzylphthalate	20.40	149	1707746	55.736	ng	98
81) Benzo(a)anthracene	21.24	228	4004340	50.598	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	382855	12.980	ng	99
83) Chrysene	21.29	228	3777233	48.220	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	2339387	50.775	ng	99
85) Di-n-octyl phthalate	22.05	149	3742961	48.247	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	4197983	47.914	ng	99
88) Benzo(b)fluoranthene	22.80	252	3707924	52.222	ng	100
89) Benzo(k)fluoranthene	22.85	252	3610147	50.671	ng	99
90) Benzo(a)pyrene	23.37	252	3513214	52.113	ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3538258	52.856	ng	98
92) Benzo(g,h,i)perylene	26.36	276	3578816	53.941	ng	99

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

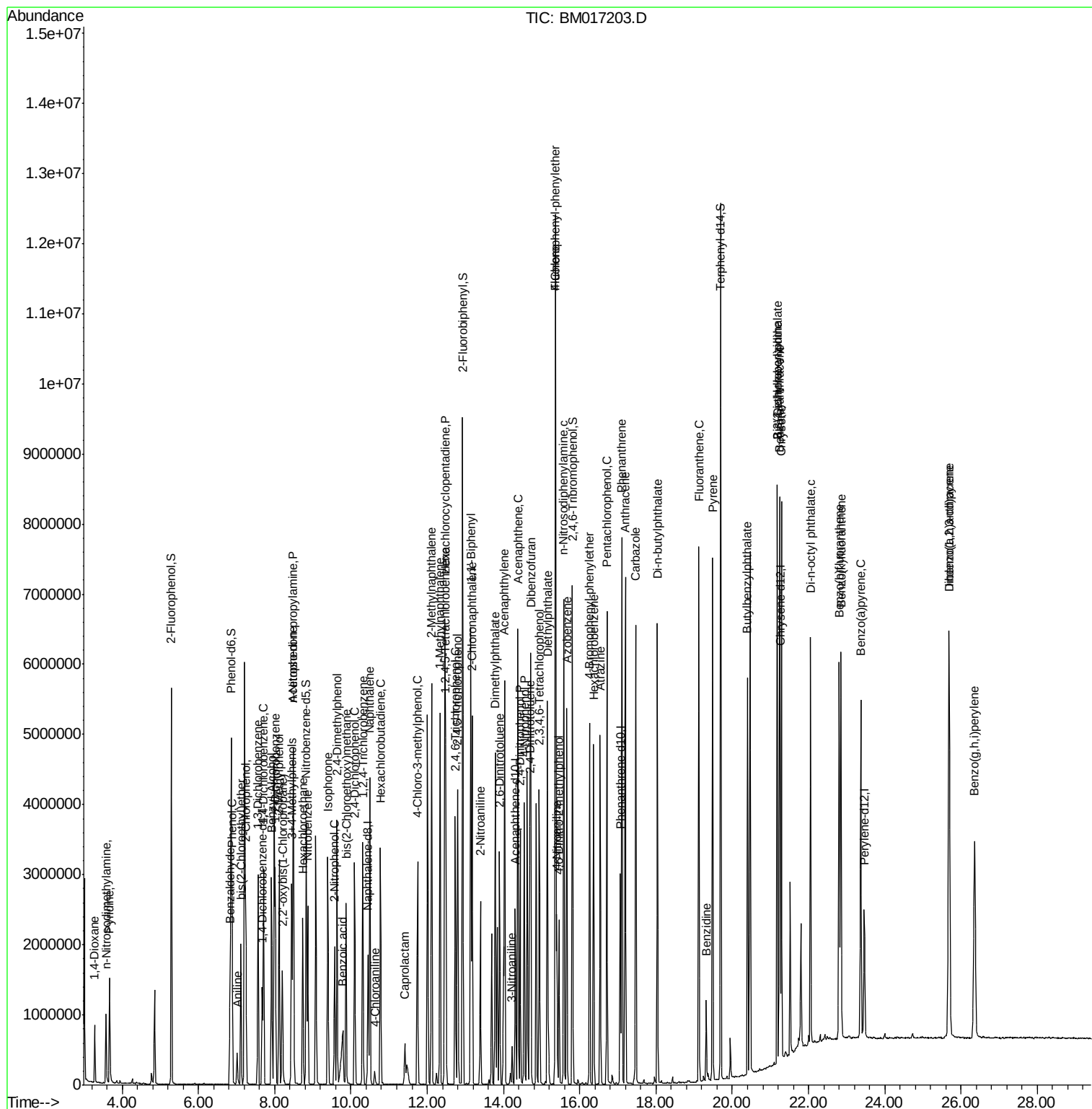
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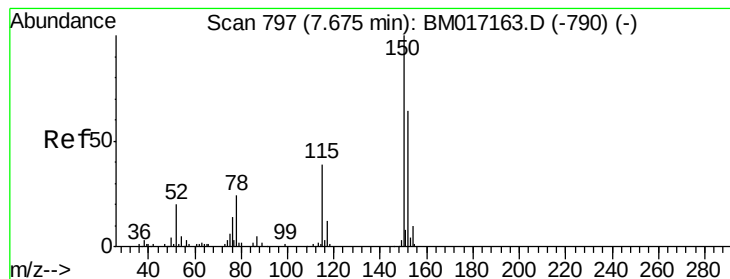
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#1

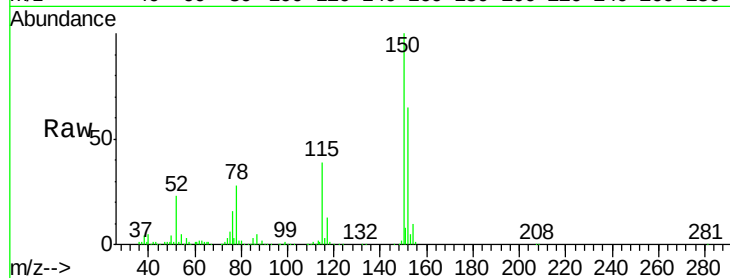
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
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CB-1018-S-TCLP-GRID-45MS

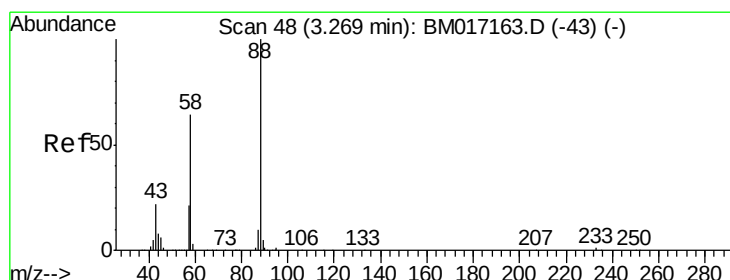
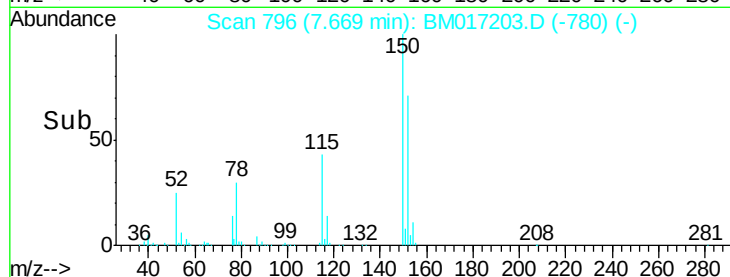
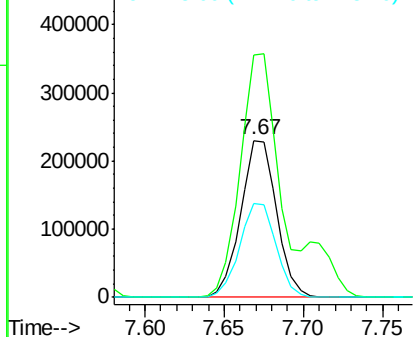
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	60.2	48.1	72.1

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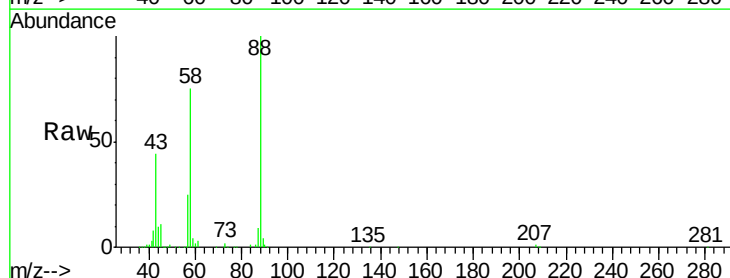
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



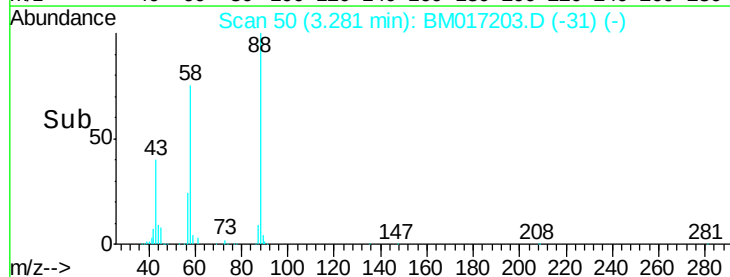
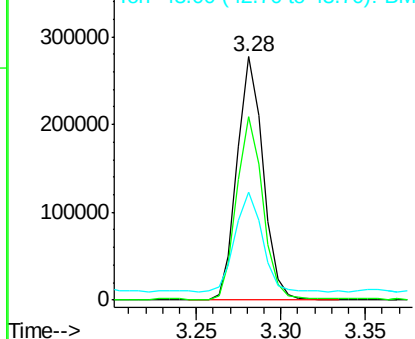
#2

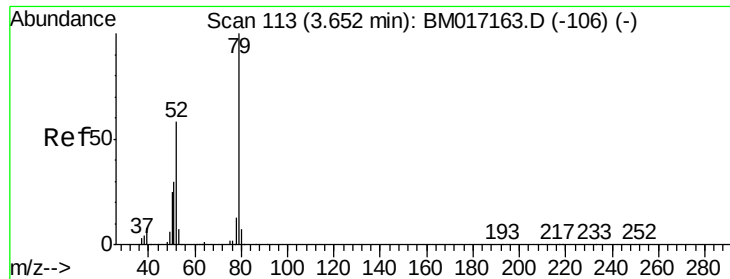
1,4-Dioxane
Concen: 27.443 ng
RT: 3.28 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	50.2	75.4
43	42.8	19.3	28.9



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





#3

Pyridine

Concen: 32.403 ng

RT: 3.67 min Scan# 116

Delta R.T. 0.02 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 79 Resp: 810223

Ion Ratio Lower Upper

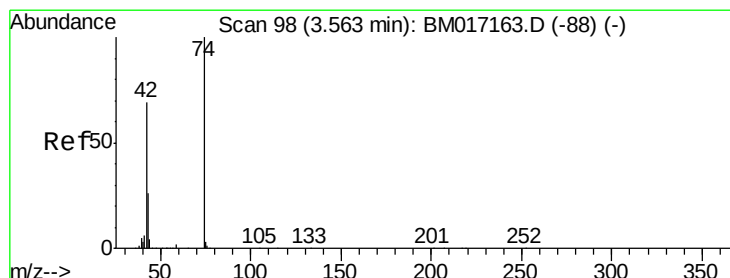
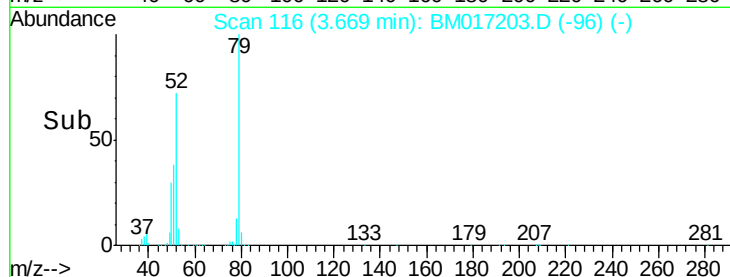
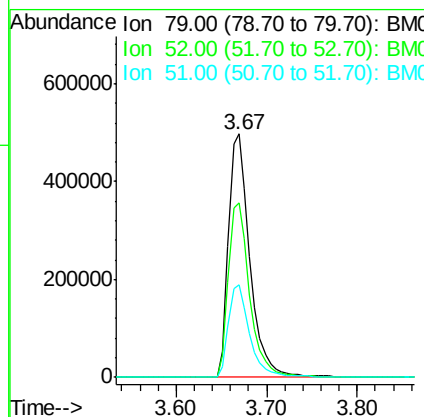
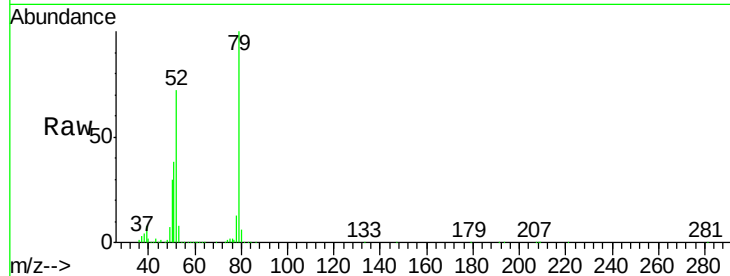
79 100

52 71.8 46.5 69.7#

51 37.9 24.6 37.0#

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#4

n-Nitrosodimethylamine

Concen: 44.374 ng

RT: 3.57 min Scan# 100

Delta R.T. 0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

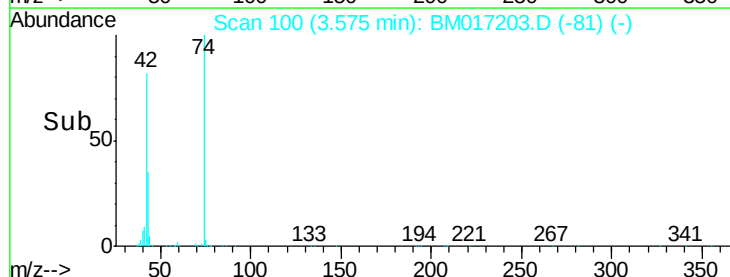
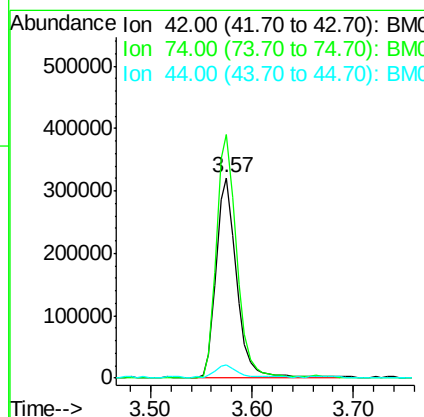
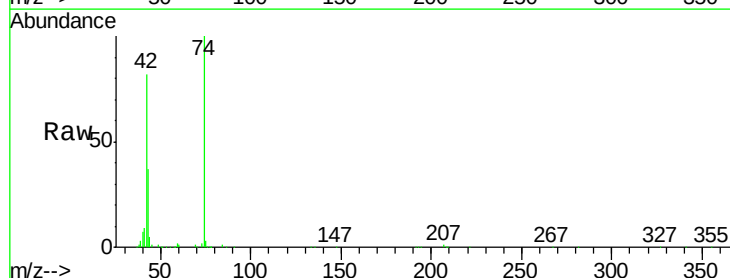
Tgt Ion: 42 Resp: 445416

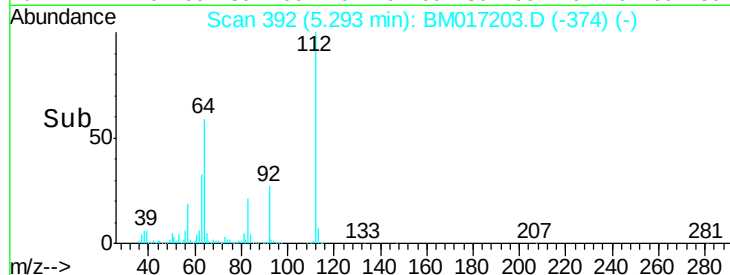
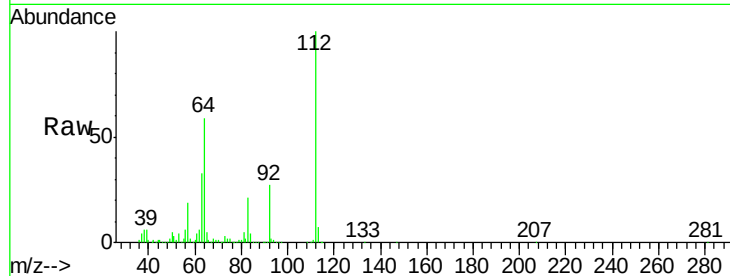
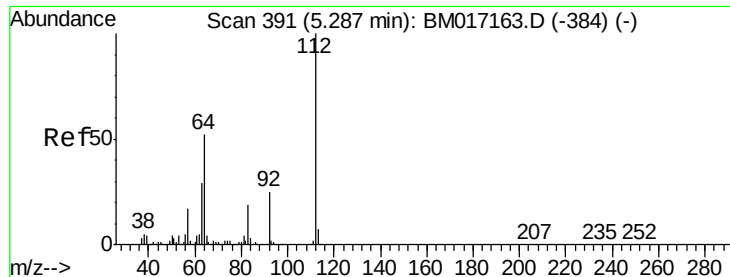
Ion Ratio Lower Upper

42 100

74 121.6 114.4 171.6

44 6.6 48.6 73.0#





#5

2-Fluorophenol

Concen: 106.804 ng

RT: 5.29 min Scan# 392

Delta R.T. 0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion:	112	Resp:	2272937
Ion Ratio	Lower	Upper	
112	100		
64	59.2	41.7	62.5
63	32.5	23.0	34.4

Instrument :

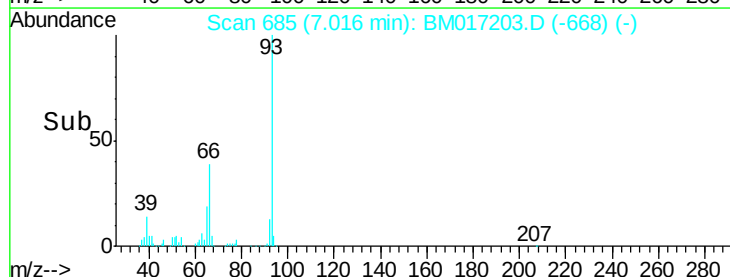
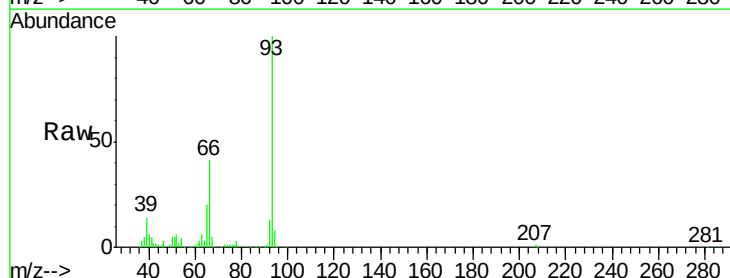
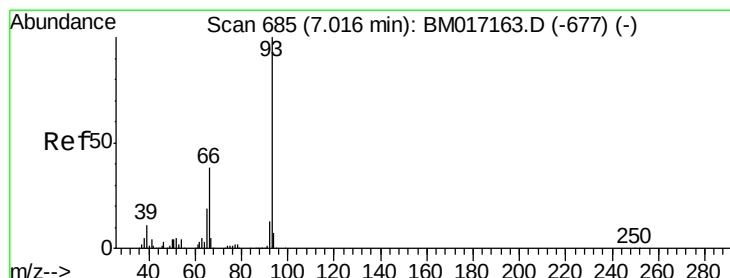
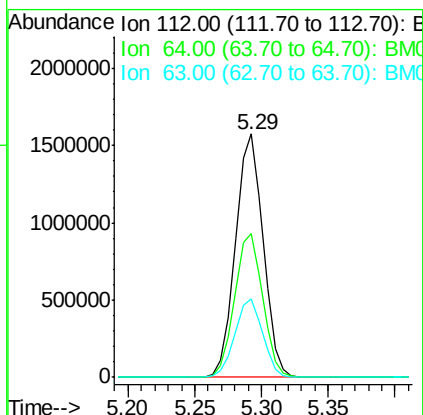
BNA_M

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#6

Aniline

Concen: 8.210 ng

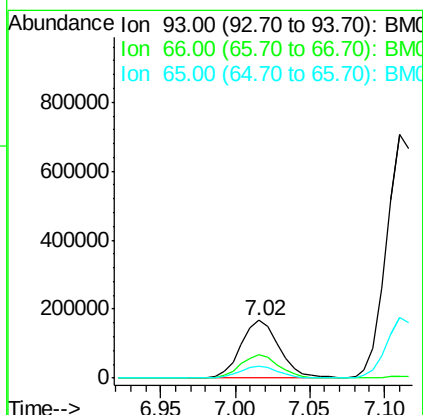
RT: 7.02 min Scan# 685

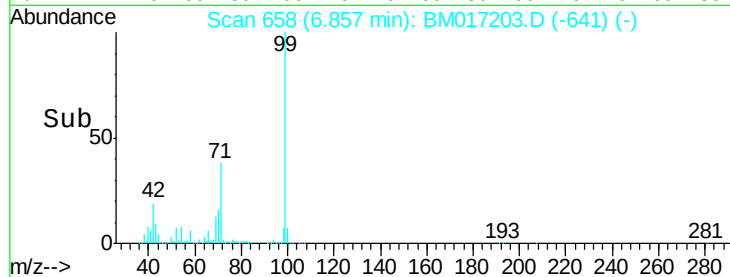
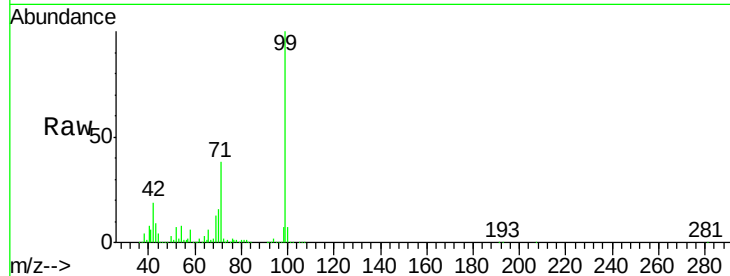
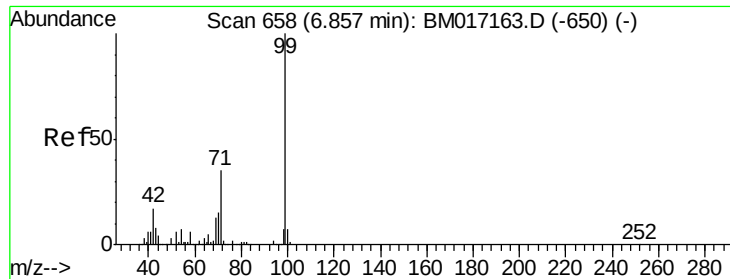
Delta R.T. -0.00 min

Lab File: BM017203.D

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Tgt Ion:	93	Resp:	297655
Ion Ratio	Lower	Upper	
93	100		
66	40.7	30.4	45.6
65	20.4	15.3	22.9





#7

Phenol-d6

Concen: 93.313 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion:	99	Resp:	2704605
Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.3	19.9
71	38.4	28.0	42.0

Instrument :

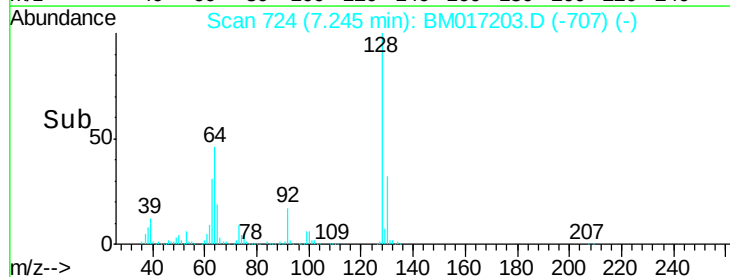
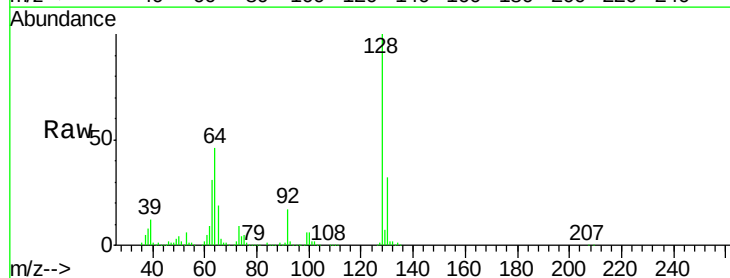
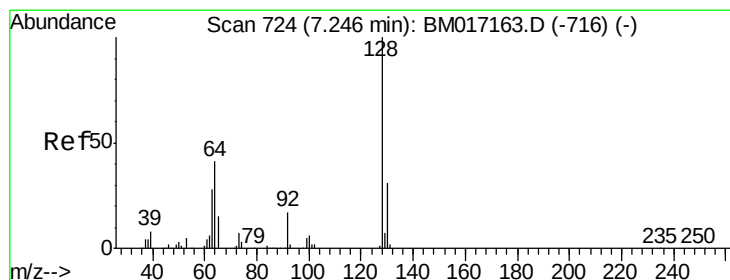
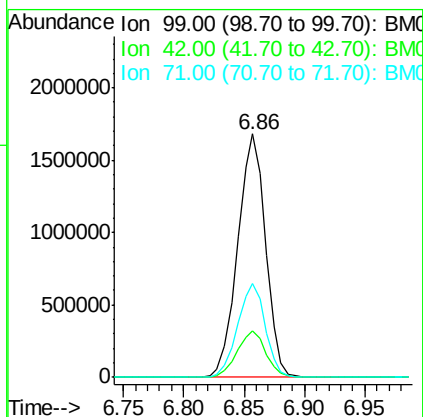
BNA_M

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#8

2-Chlorophenol

Concen: 45.463 ng

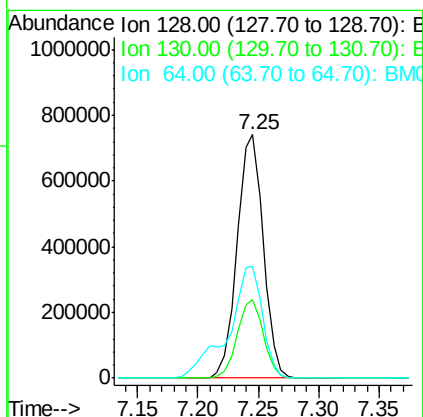
RT: 7.25 min Scan# 724

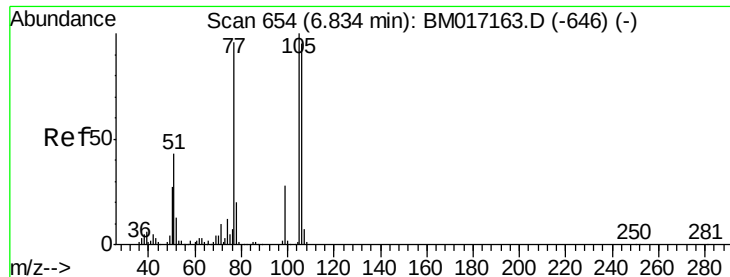
Delta R.T. -0.00 min

Lab File: BM017203.D

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Tgt Ion:	128	Resp:	1119315
Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.0	51.0
64	45.8	24.1	64.1





#9

Benzaldehyde

Concen: 21.710 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

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Instrument :

BNA_M

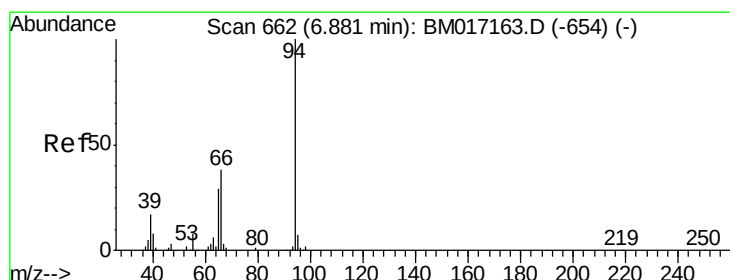
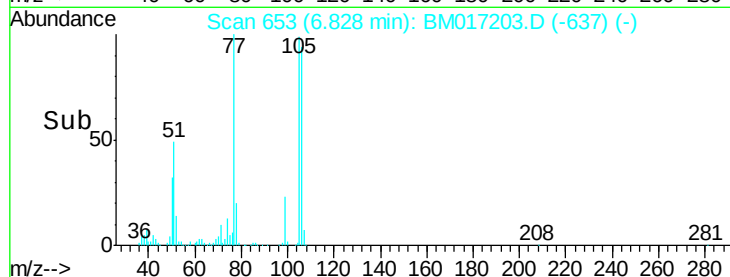
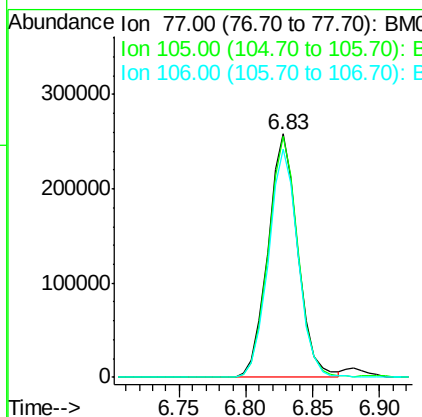
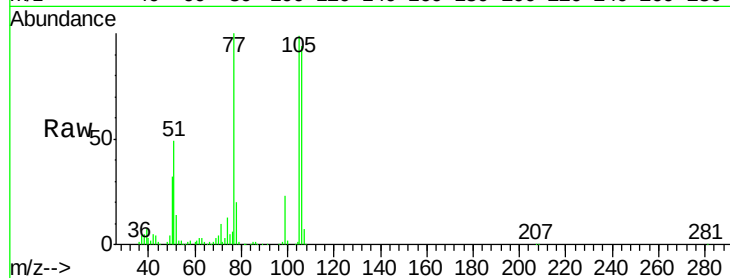
ClientSampleId :

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Tgt Ion:	77	Resp:	401210
Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.9	123.9
106	93.5	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 36.928 ng

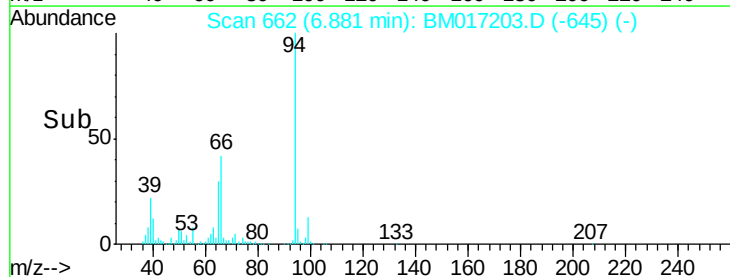
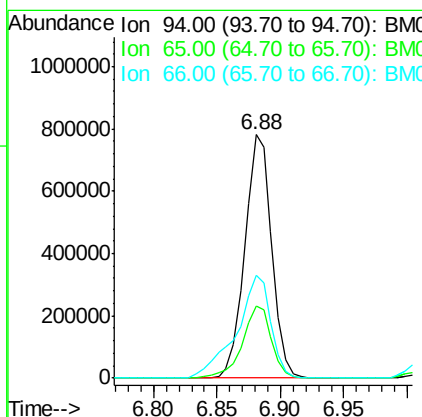
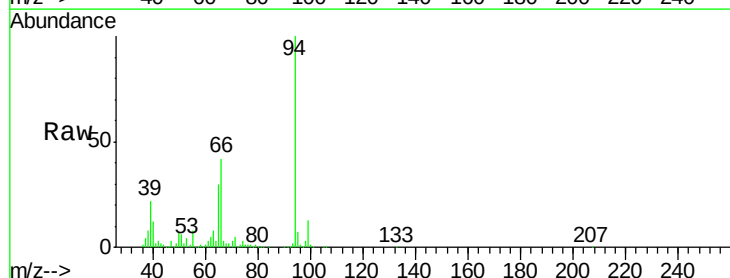
RT: 6.88 min Scan# 662

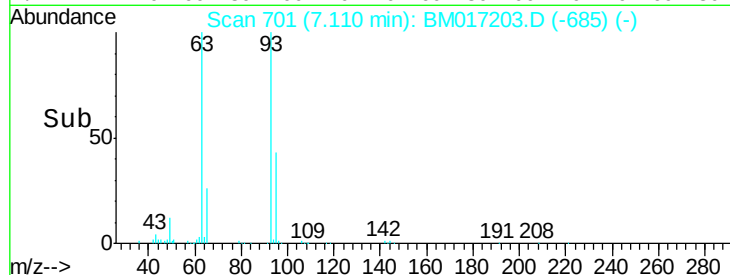
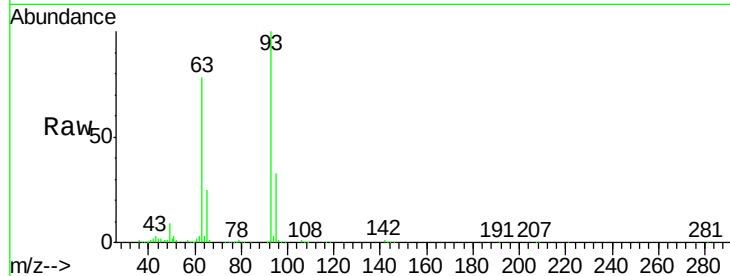
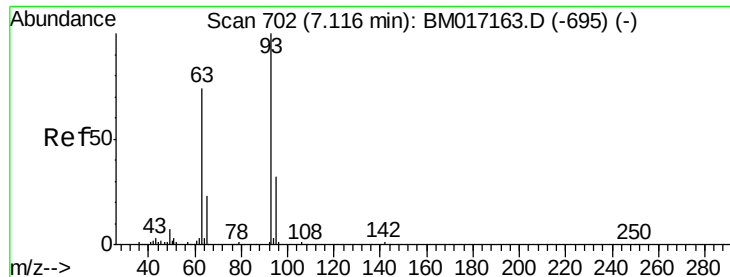
Delta R.T. -0.00 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion:	94	Resp:	1151942
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.4	49.4
66	42.4	19.0	59.0





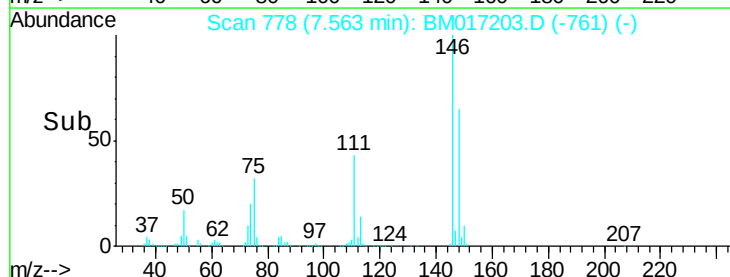
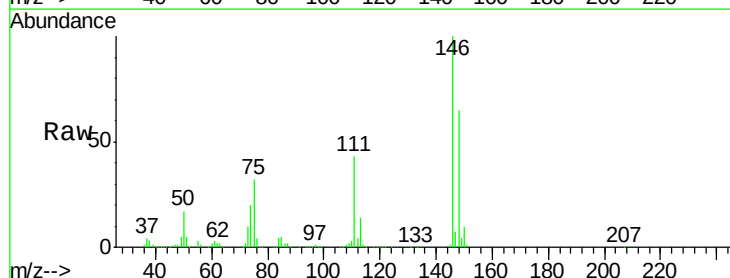
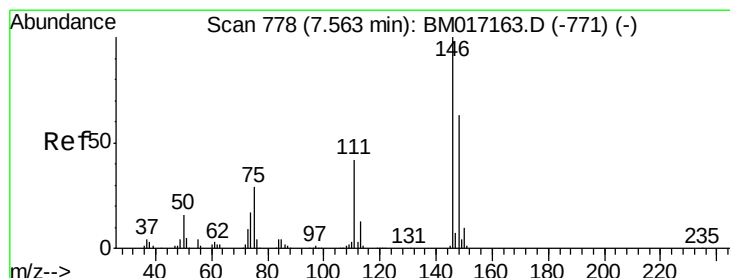
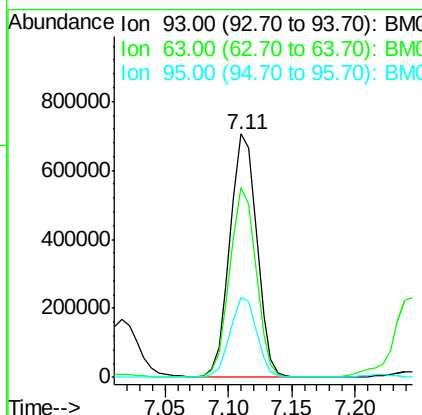
#11
bis(2-Chloroethyl)ether
Concen: 41.572 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion: 93 Resp: 1033761
Ion Ratio Lower Upper
93 100
63 78.2 54.0 94.0
95 32.9 11.8 51.8

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

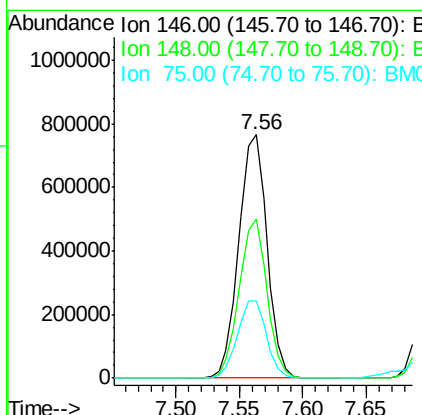
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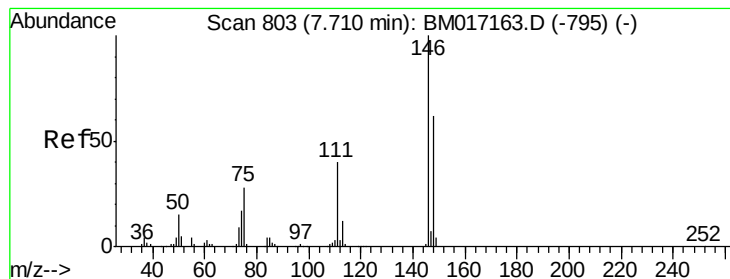
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#12
1,3-Dichlorobenzene
Concen: 41.204 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion: 146 Resp: 1182573
Ion Ratio Lower Upper
146 100
148 65.3 50.2 75.4
75 31.6 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 41.318 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.00 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion:146 Resp: 1211535

Ion Ratio Lower Upper

146 100

148 62.9 49.8 74.6

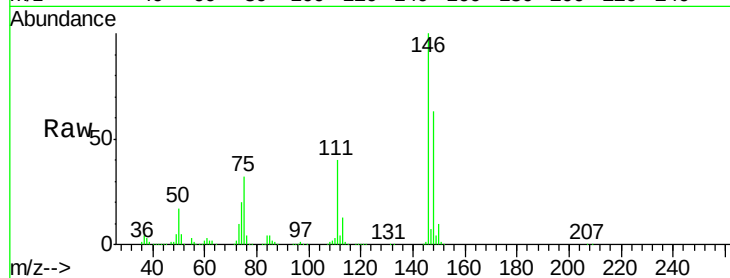
111 40.2 32.1 48.1

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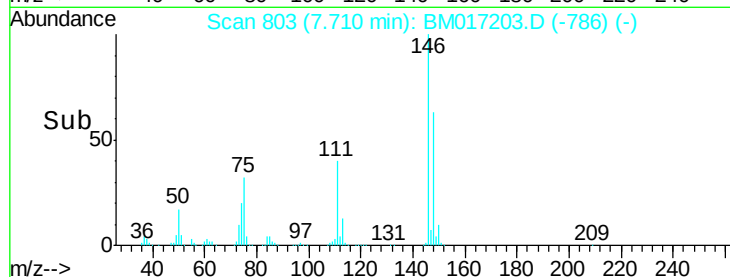


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



7.71

800000

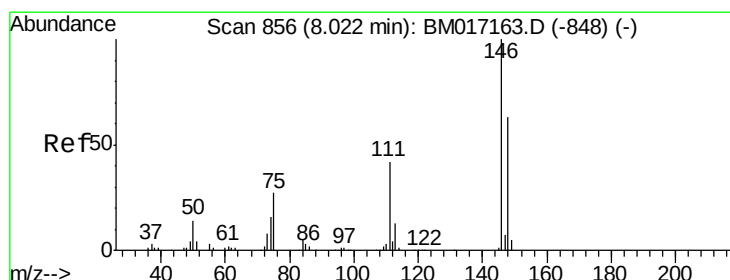
600000

400000

200000

0

7.60 7.65 7.70 7.75 7.80



#14

1,2-Dichlorobenzene

Concen: 41.207 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

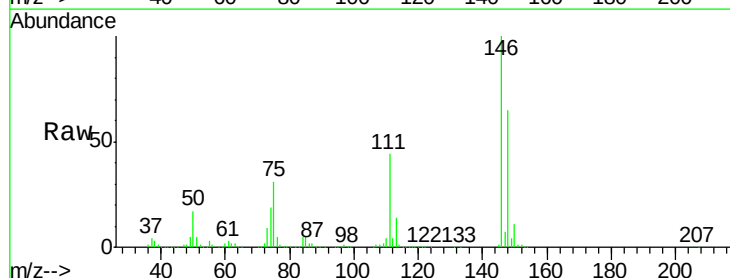
Tgt Ion:146 Resp: 1164156

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

111 43.6 33.8 50.6

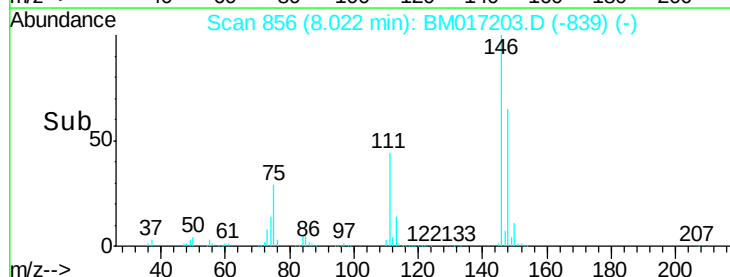


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



8.02

1000000

800000

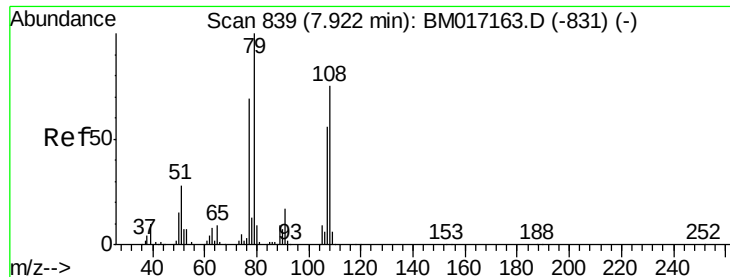
600000

400000

200000

0

7.95 8.00 8.05 8.10



#15

Benzyl Alcohol

Concen: 47.725 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

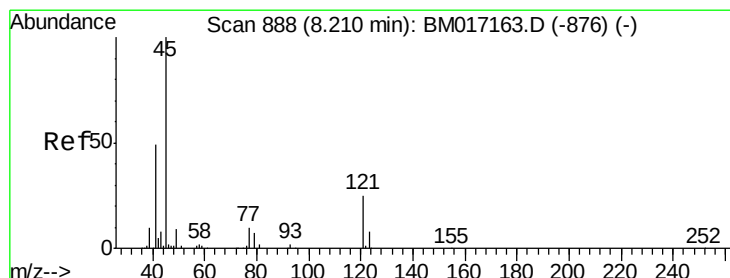
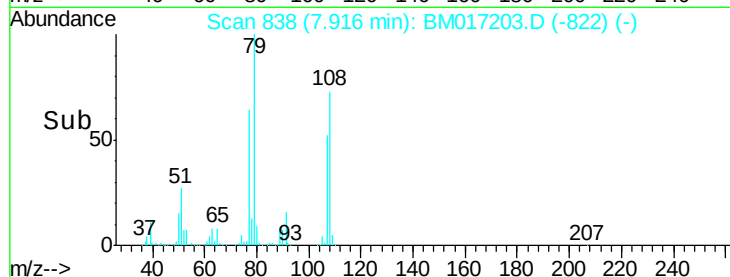
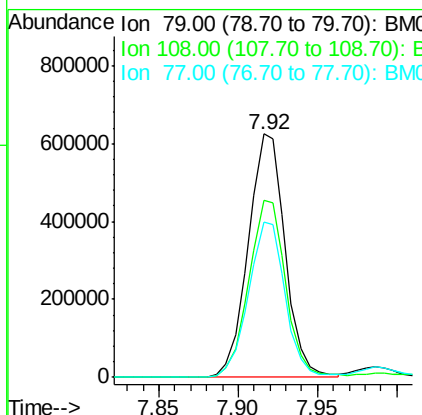
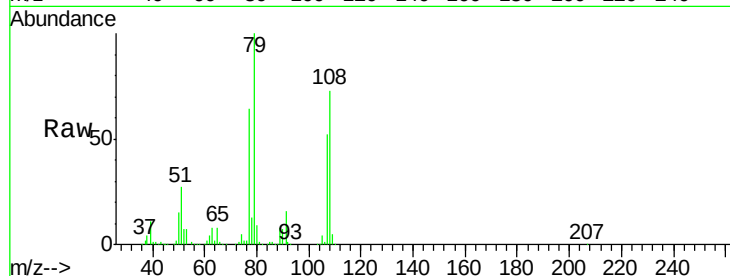
ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion:	79	Resp:	1011097
Ion	Ratio	Lower	Upper
79	100		
108	72.5	60.3	90.5
77	64.0	54.8	82.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.555 ng

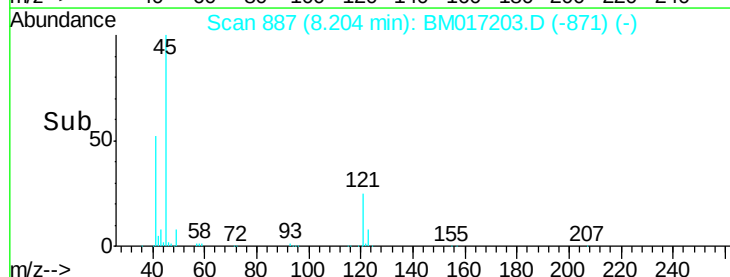
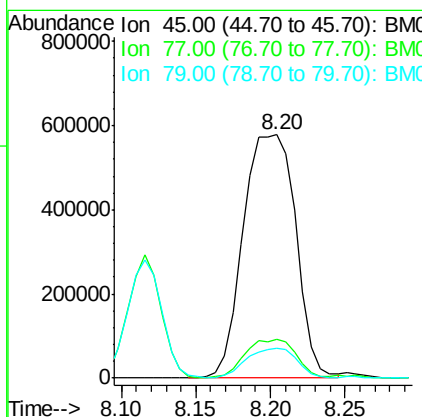
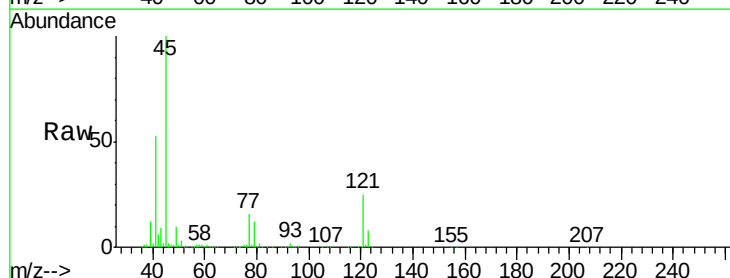
RT: 8.20 min Scan# 887

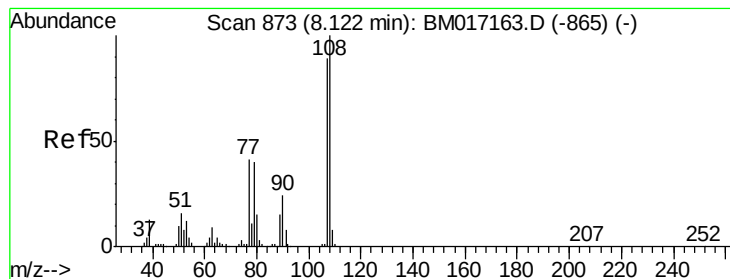
Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion:	45	Resp:	1408903
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	35.5
79	12.2	0.0	32.1





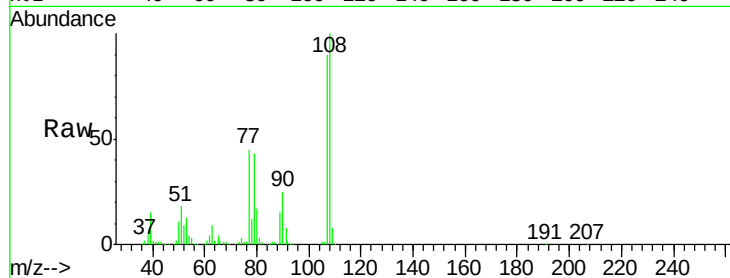
#17
2-Methylphenol
Concen: 45.071 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

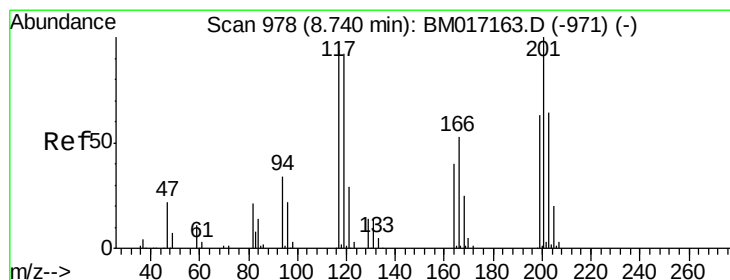
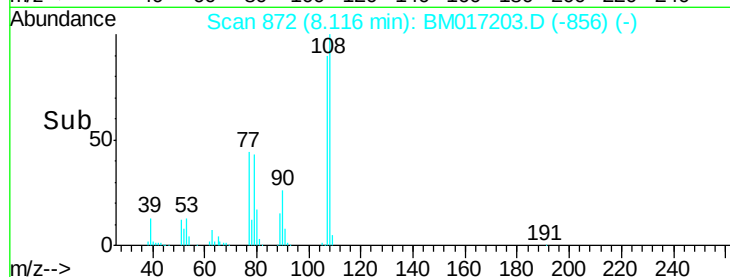
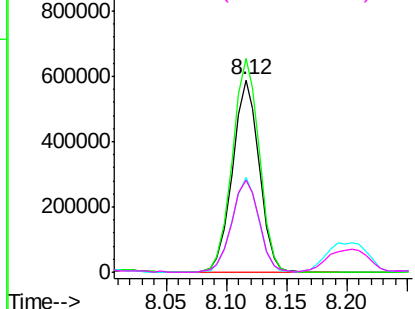
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	902427		
108	111.0	90.3	135.5	
77	49.5	37.0	55.4	
79	47.9	35.8	53.6	

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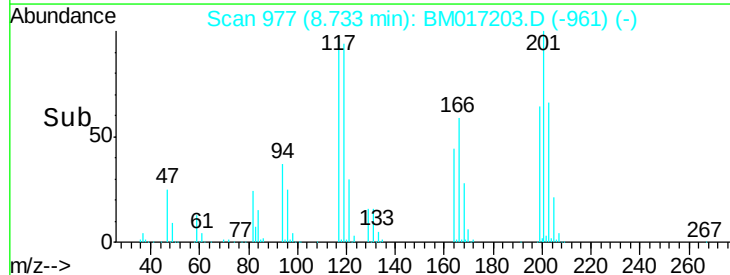
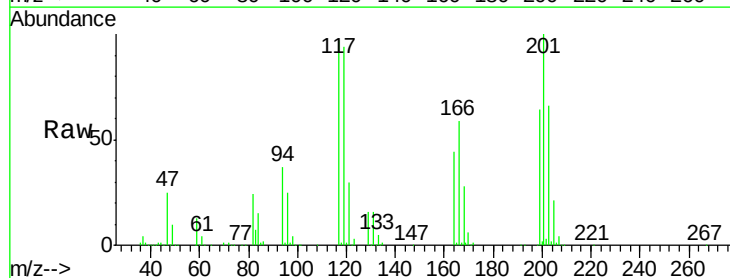
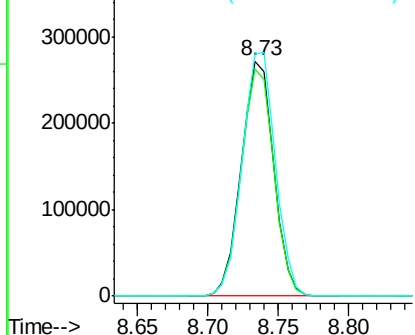
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

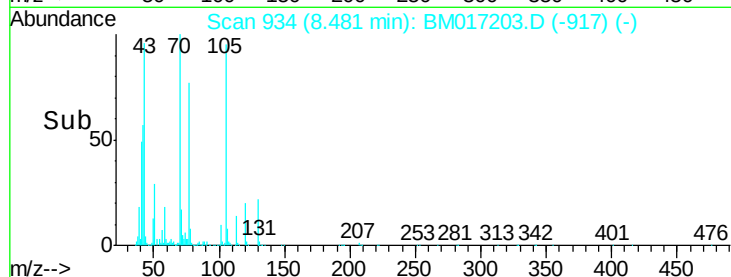
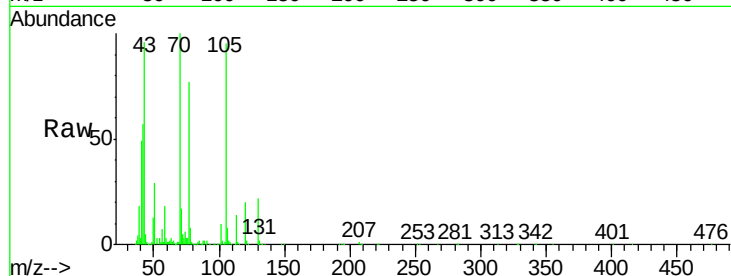
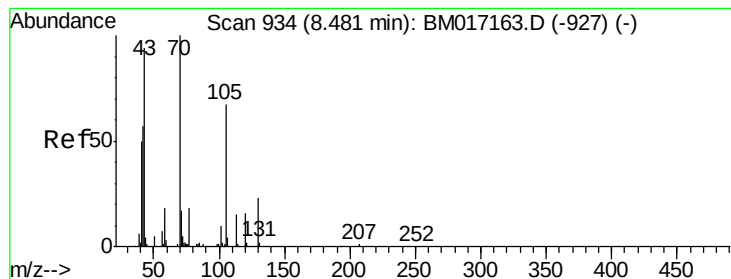


#18
Hexachloroethane
Concen: 43.792 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	439447		
119	96.4	78.2	117.2	
201	102.9	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: 45.214 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

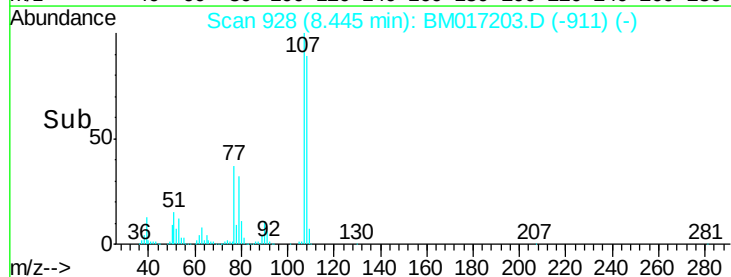
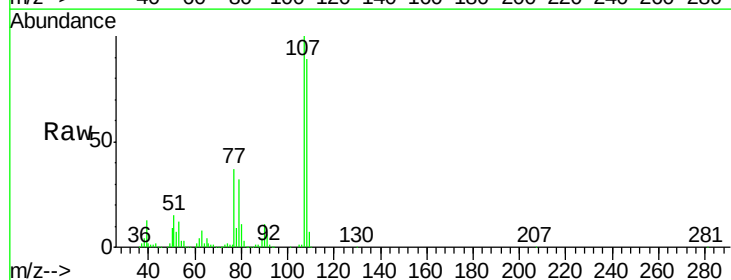
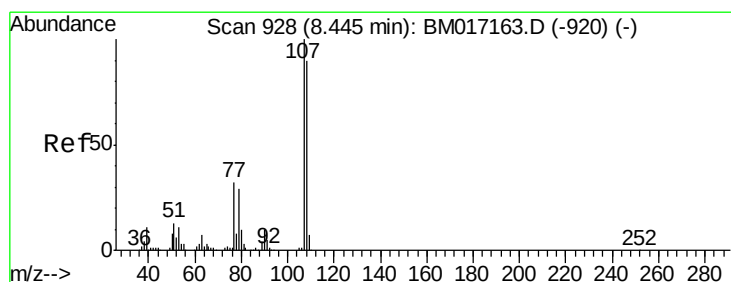
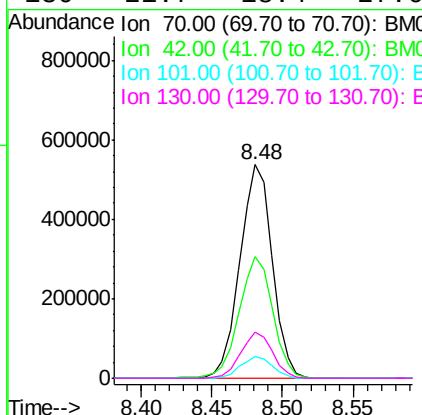
ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.9	46.1	69.1
101	10.3	8.2	12.4
130	21.7	18.4	27.6

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#20

3+4-Methylphenols

Concen: 44.069 ng

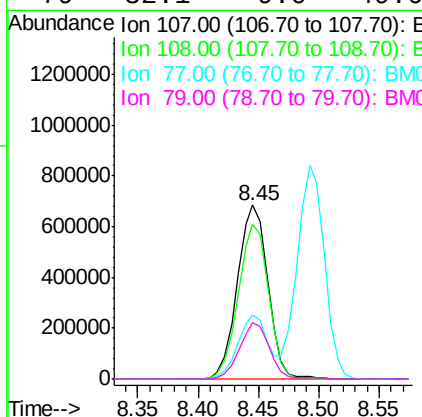
RT: 8.45 min Scan# 928

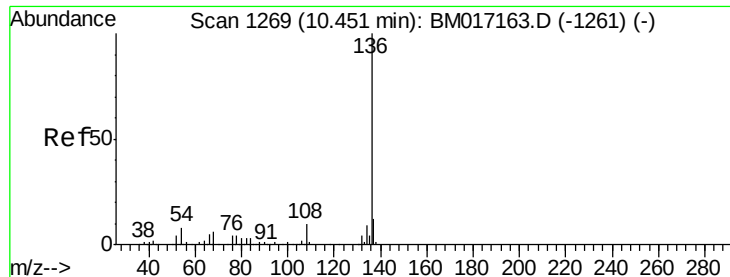
Delta R.T. -0.00 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.9	109.9
77	36.6	12.2	52.2
79	32.1	9.0	49.0





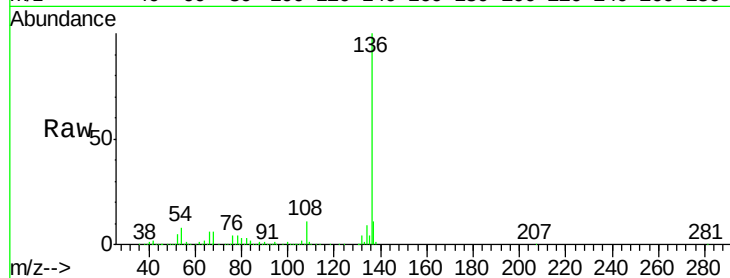
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

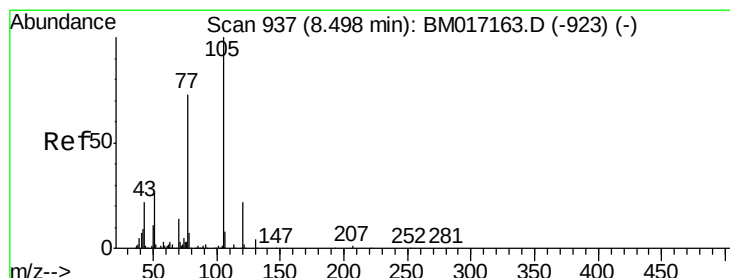
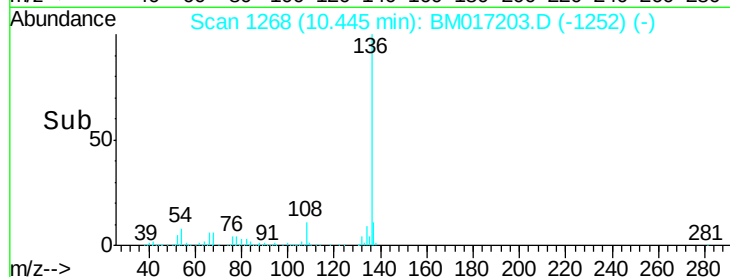
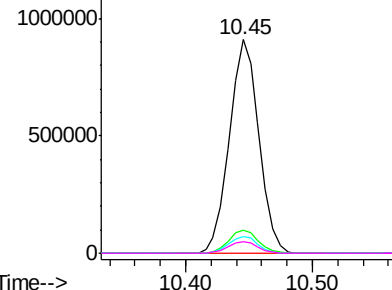
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.6	6.7	10.1
68	5.5	4.7	7.1

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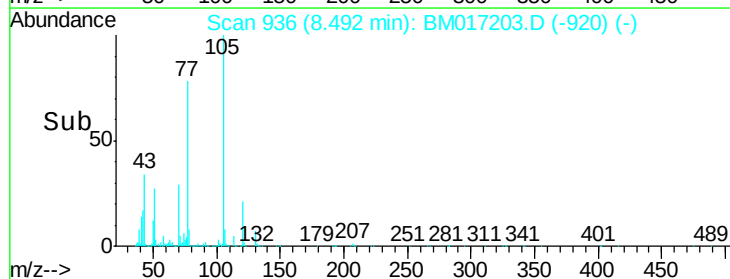
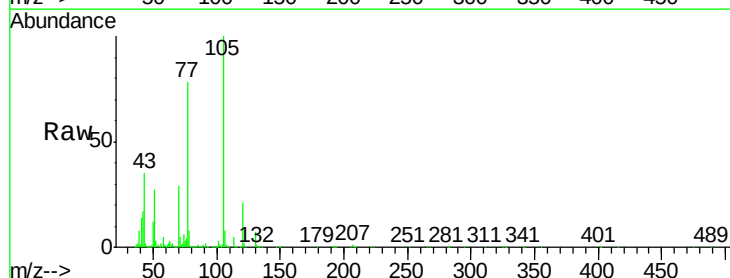
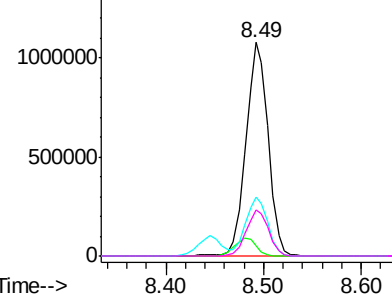
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

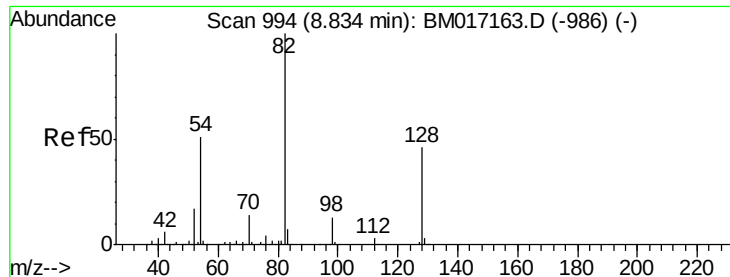


#22
Acetophenone
Concen: 46.240 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.7	2.0	3.0#
51	27.5	20.6	31.0
120	21.5	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





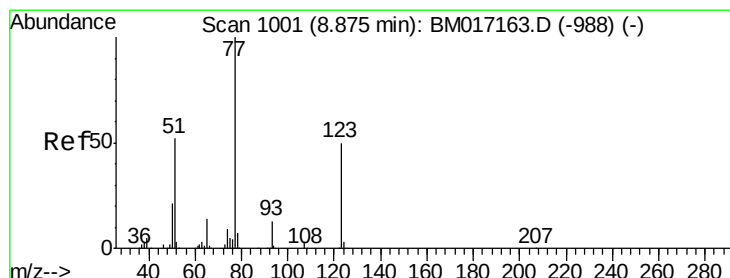
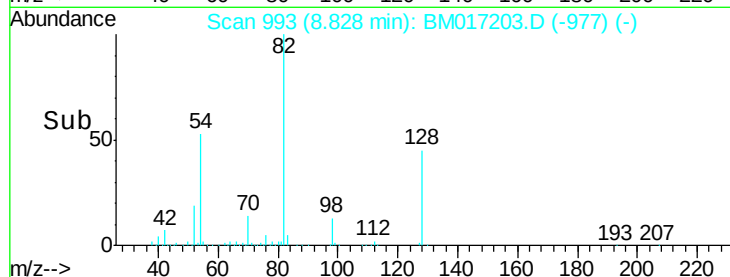
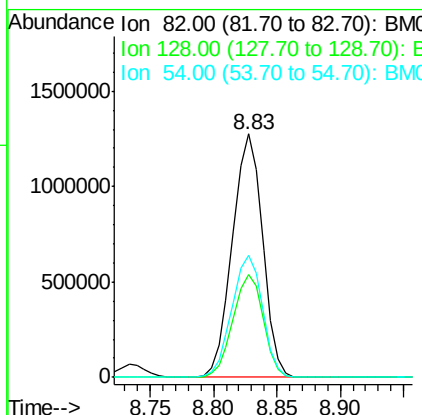
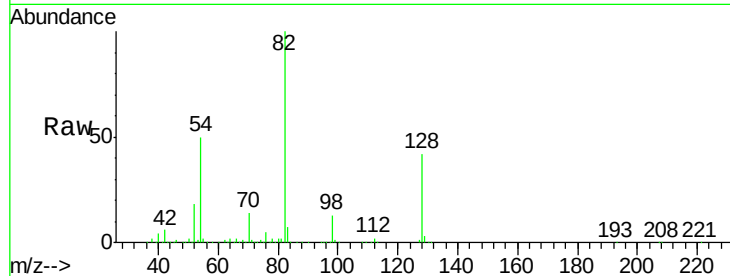
#23
 Nitrobenzene-d5
 Concen: 84.052 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion: 82 Resp: 2110560
 Ion Ratio Lower Upper
 82 100
 128 42.2 37.0 55.6
 54 50.3 40.7 61.1

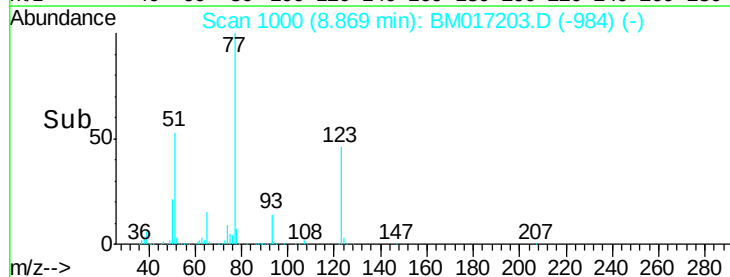
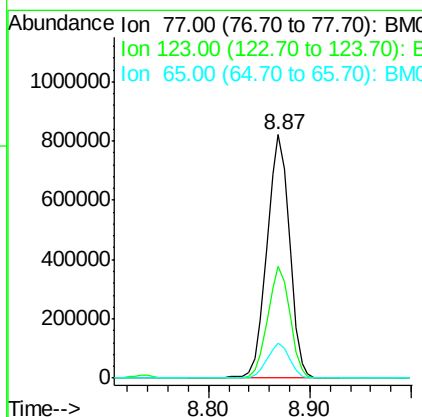
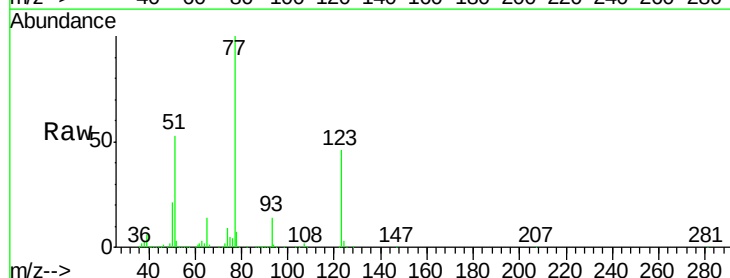
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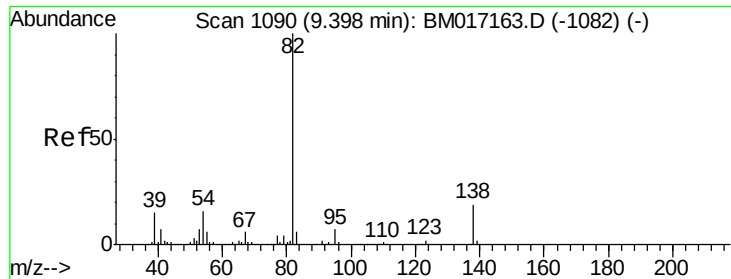
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#24
 Nitrobenzene
 Concen: 47.738 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion: 77 Resp: 1267974
 Ion Ratio Lower Upper
 77 100
 123 46.0 40.2 60.4
 65 14.5 11.4 17.0





#25

Isophorone

Concen: 55.162 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion: 82 Resp: 2287248

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

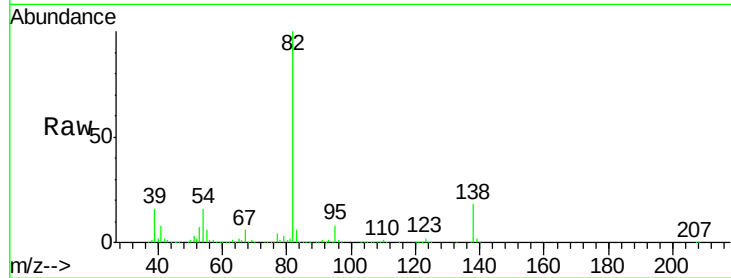
138 17.8 15.4 23.2

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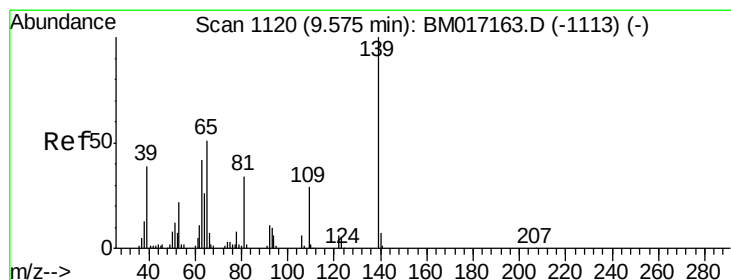
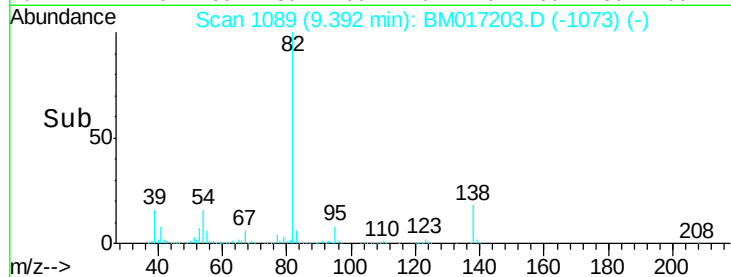
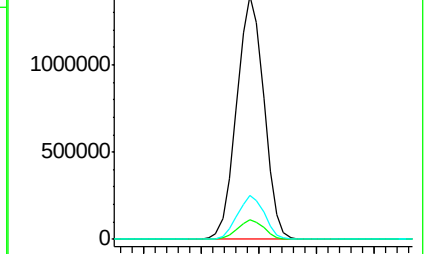
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Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

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

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



#26

2-Nitrophenol

Concen: 48.106 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

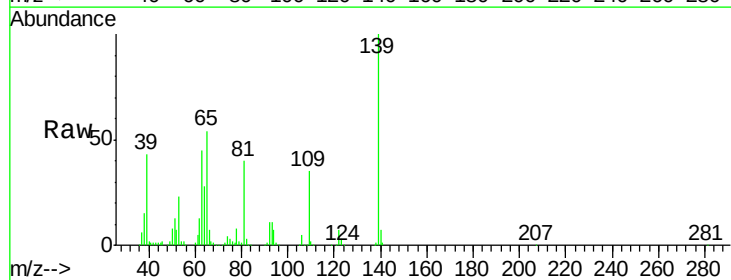
Tgt Ion: 139 Resp: 598179

Ion Ratio Lower Upper

139 100

109 34.6 23.2 34.8

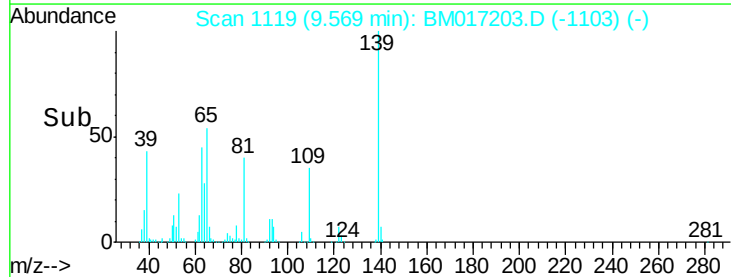
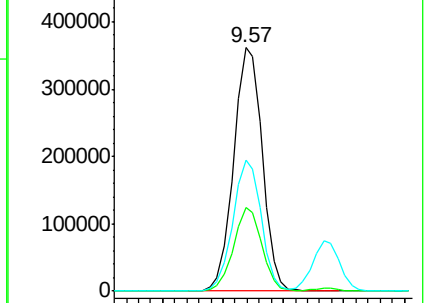
65 53.6 40.6 61.0

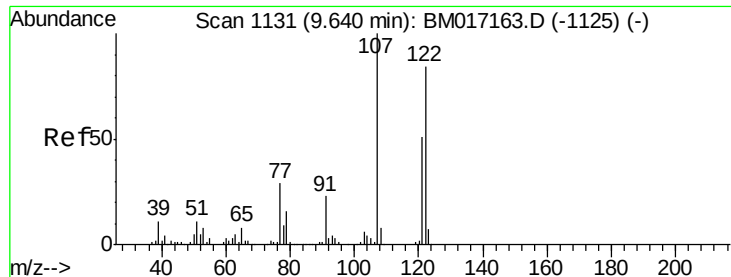


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

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

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





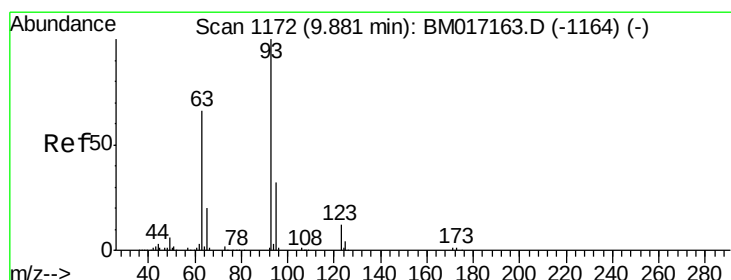
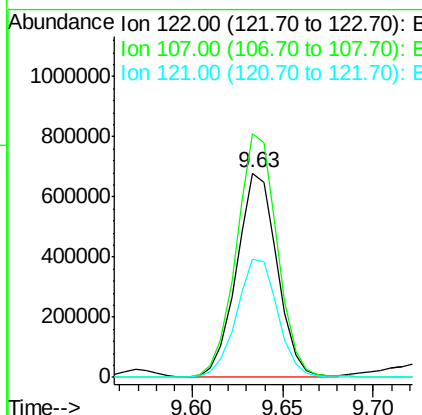
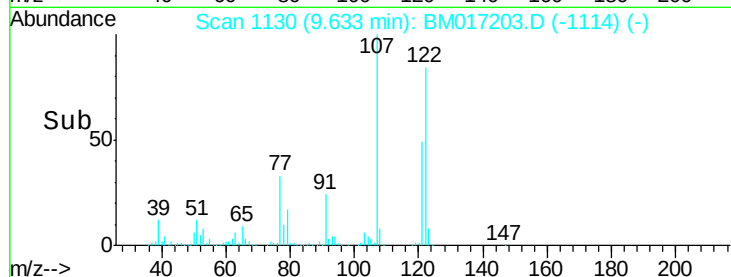
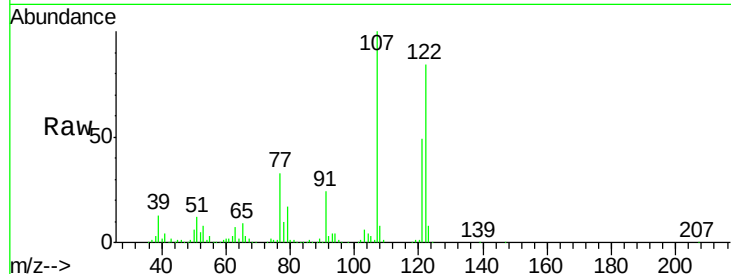
#27
2,4-Dimethylphenol
Concen: 56.957 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion: 122 Resp: 1044283
Ion Ratio Lower Upper
122 100
107 119.4 95.0 142.6
121 58.2 48.2 72.4

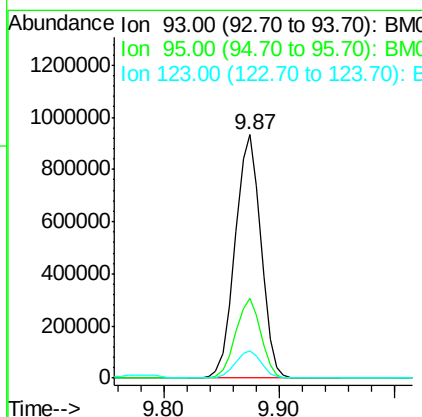
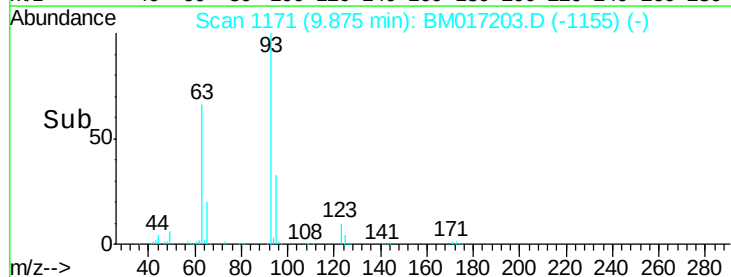
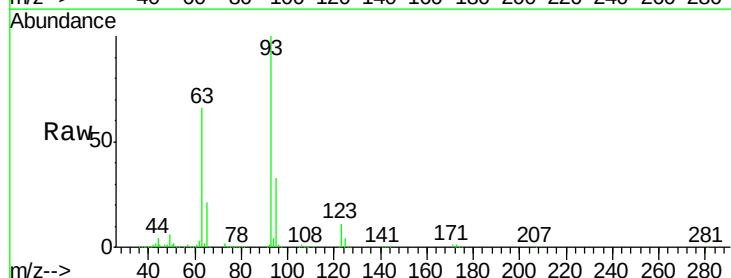
Manual Integrations
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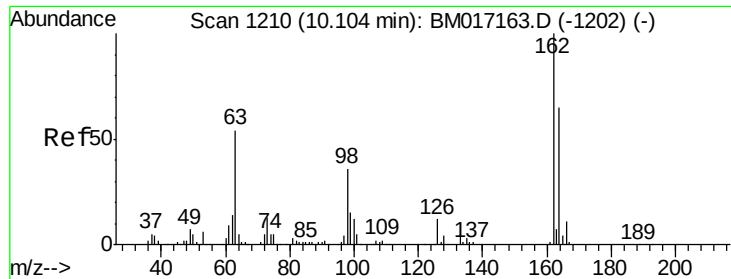
Sohil
10/19/2018 2:37:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.264 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion: 93 Resp: 1437728
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 11.4 9.4 14.0





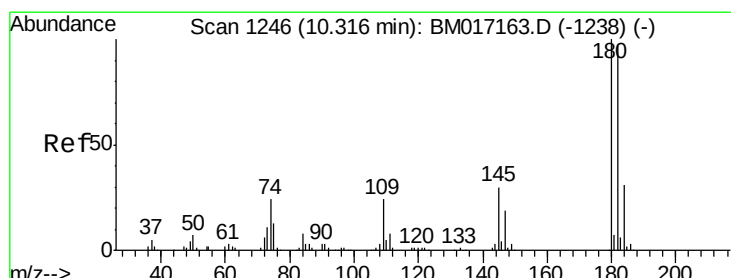
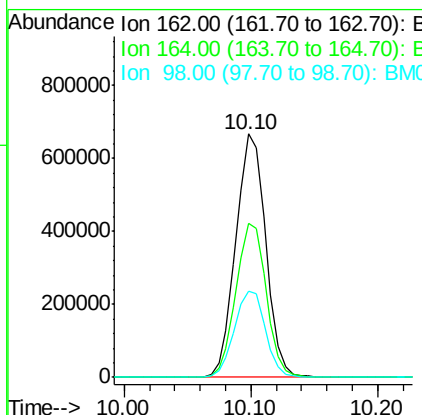
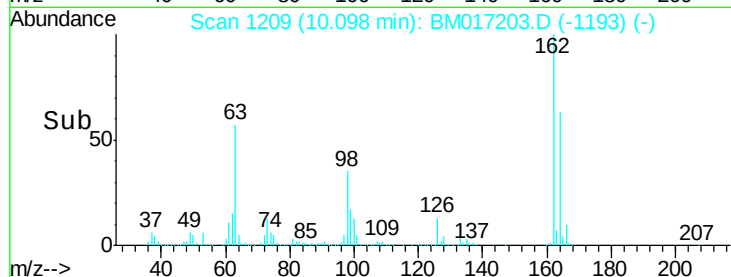
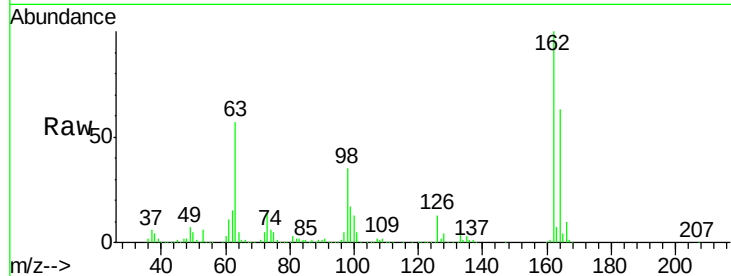
#29
2,4-Dichlorophenol
Concen: 51.491 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.9	84.9
98	35.2	15.8	55.8

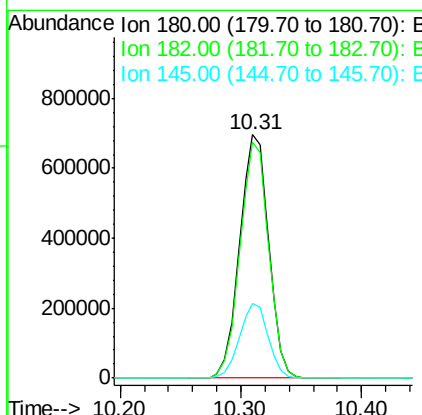
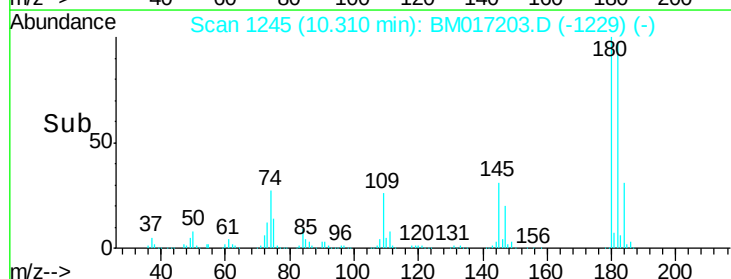
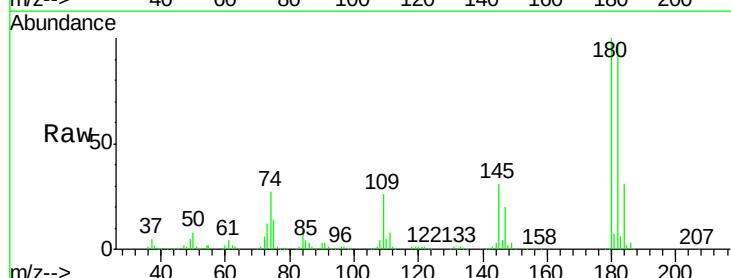
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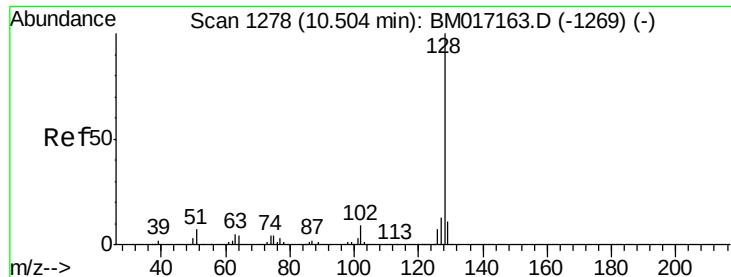
Sohil
10/19/2018 2:37:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.499 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.5	116.3
145	30.5	24.0	36.0





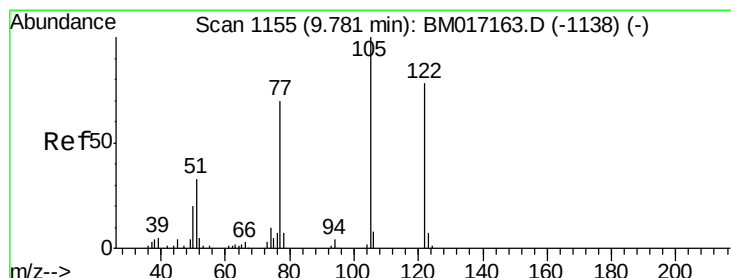
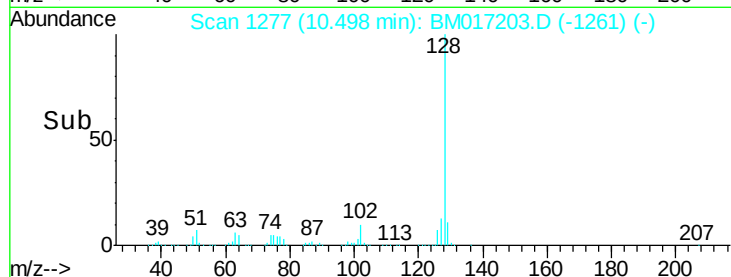
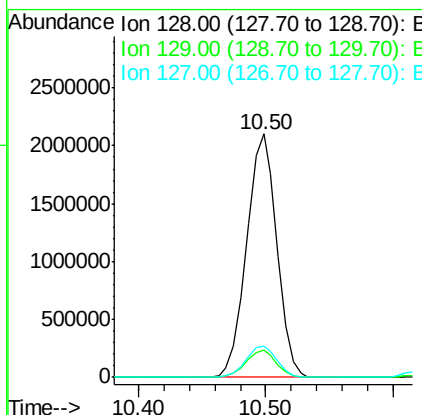
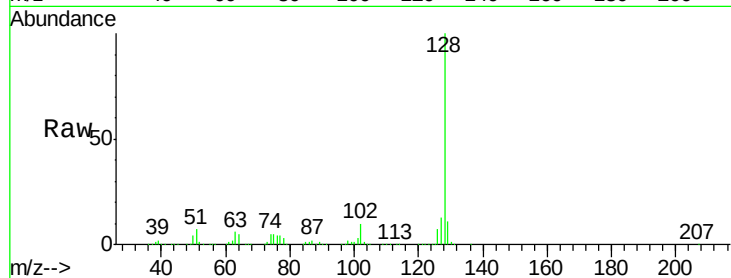
#31
Naphthalene
Concen: 48.293 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion:128 Resp: 3475566
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.0 10.3 15.5

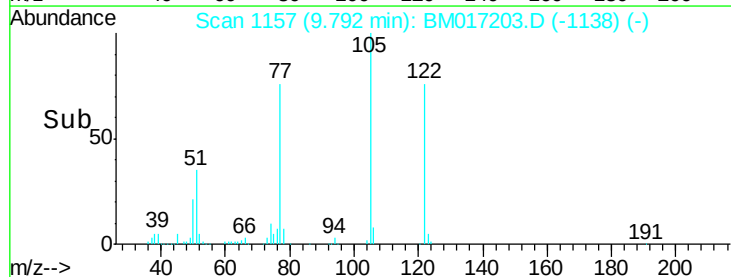
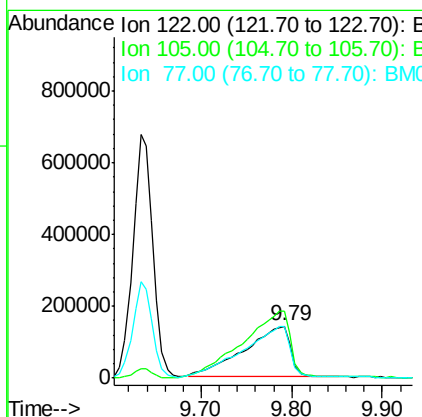
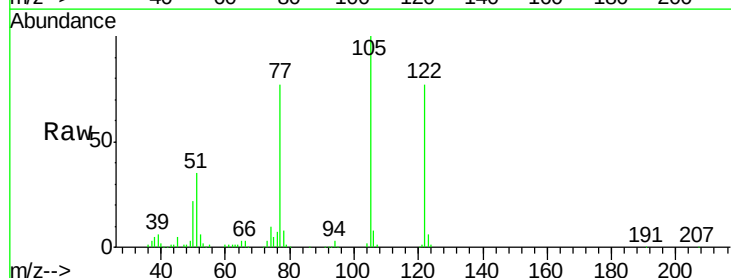
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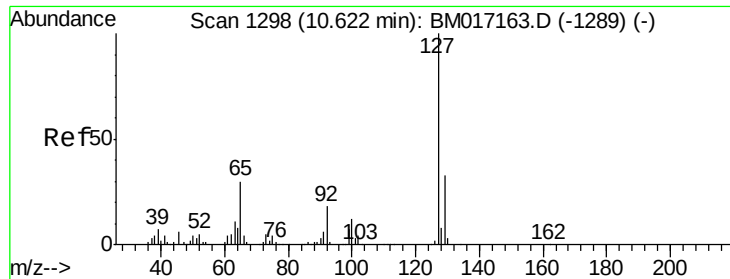
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#32
Benzoic acid
Concen: 37.009 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion:122 Resp: 506285
Ion Ratio Lower Upper
122 100
105 129.7 102.0 142.0
77 99.8 67.7 107.7





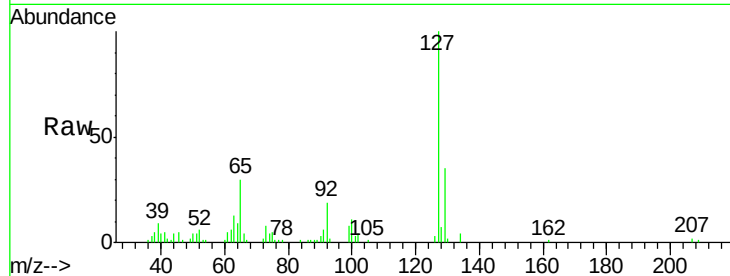
#33
4-Chloroaniline
Concen: 3.444 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

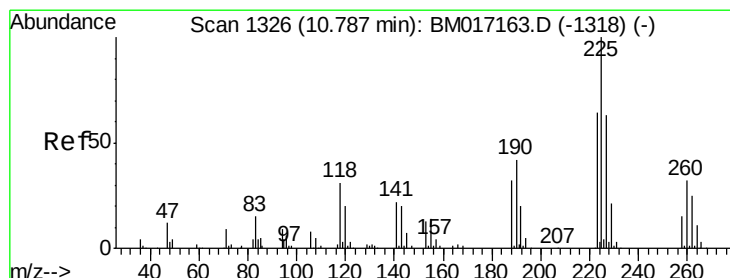
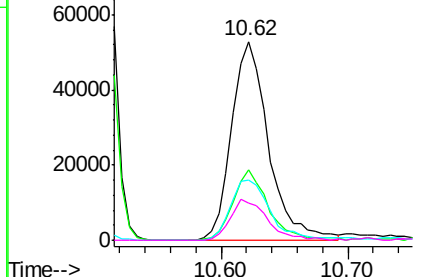
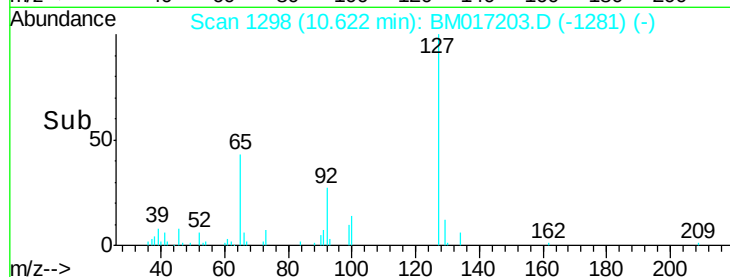
Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.2	39.4
65	30.1	23.7	35.5
92	18.5	14.3	21.5

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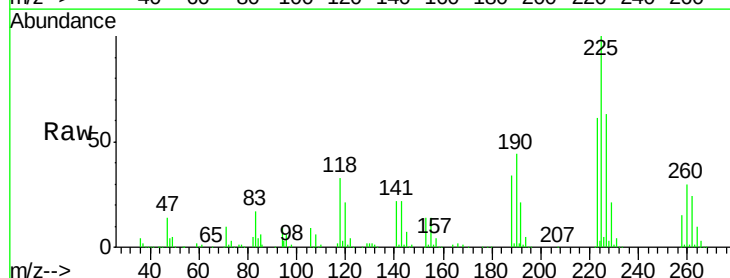


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

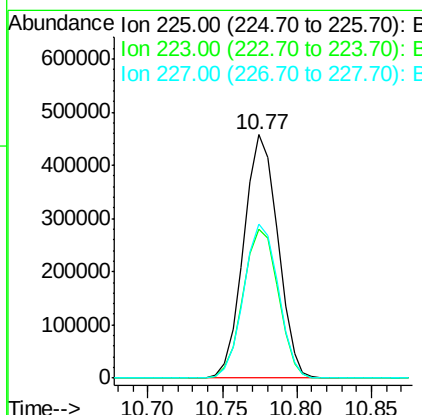
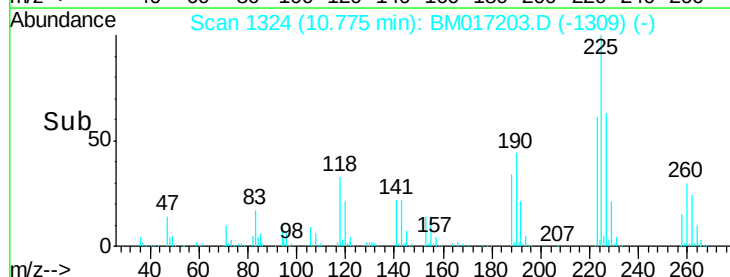


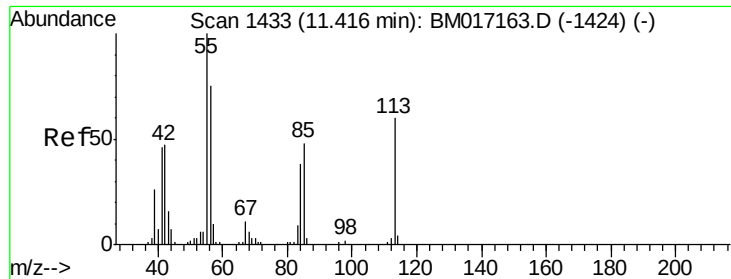
#34
Hexachlorobutadiene
Concen: 44.836 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.6
227	63.2	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





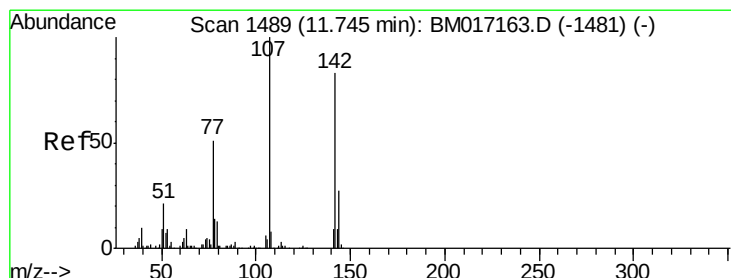
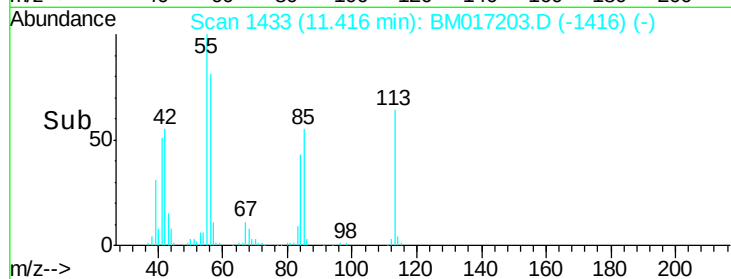
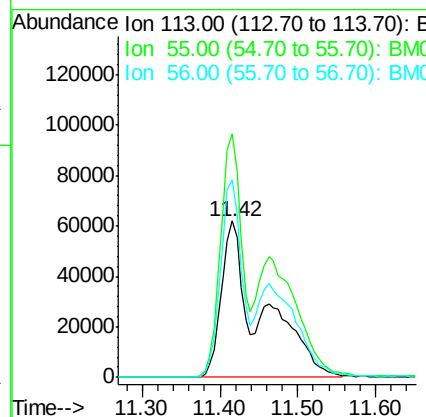
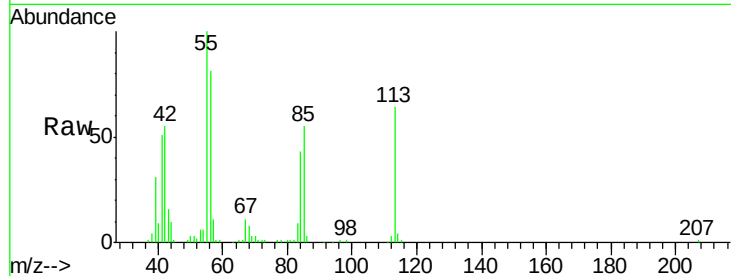
#35
 Caprolactam
 Concen: 28.091 ng m
 RT: 11.42 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion:113 Resp: 217931
 Ion Ratio Lower Upper
 113 100
 55 156.0 147.0 187.0
 56 126.6 104.5 144.5

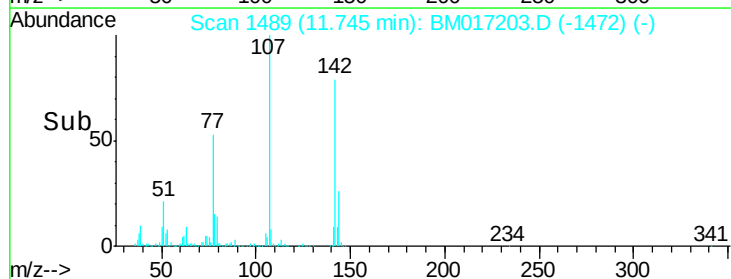
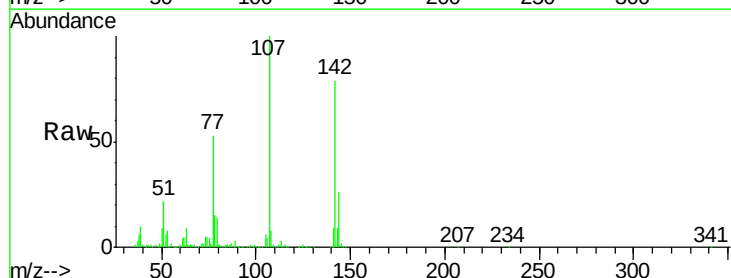
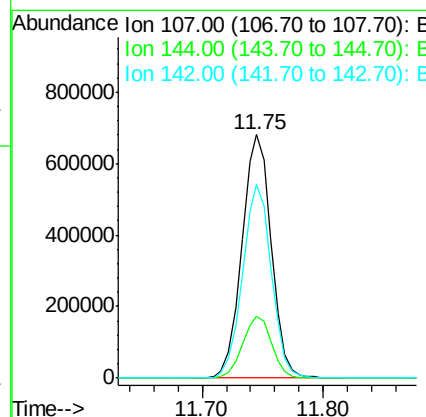
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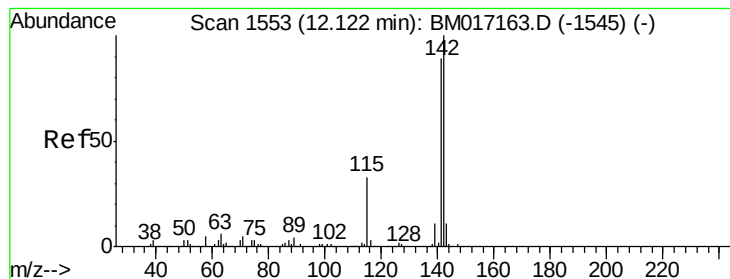
Sohil
 10/19/2018 2:37:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.022 ng
 RT: 11.75 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion:107 Resp: 1152315
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.6 32.4
 142 79.4 66.0 99.0





#37

2-Methylnaphthalene

Concen: 53.363 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

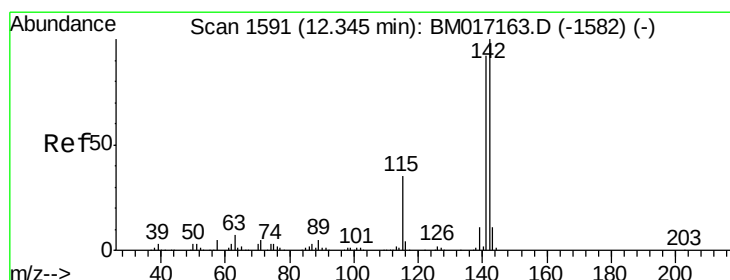
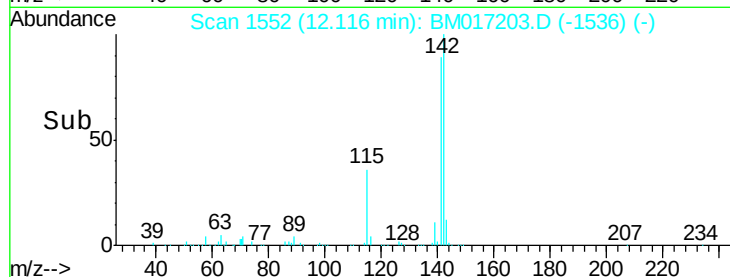
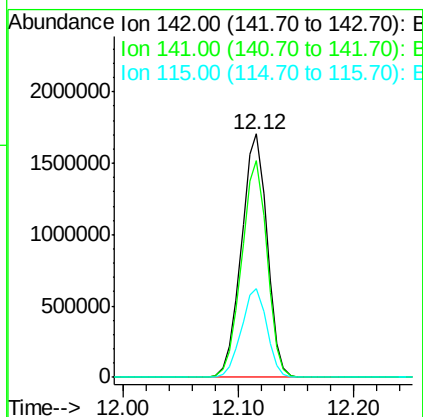
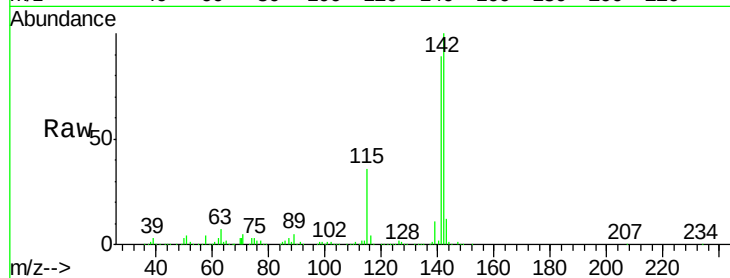
ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion:	142	Resp:	2628074
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.9	106.3
115	36.3	26.4	39.6

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 51.648 ng

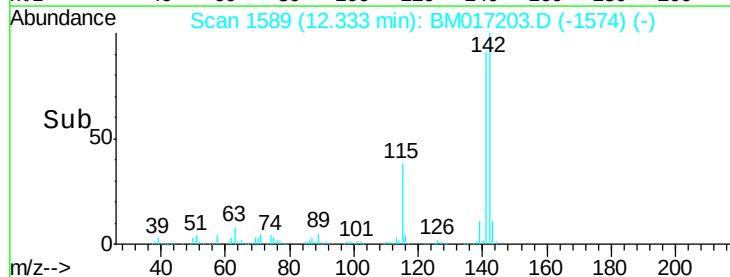
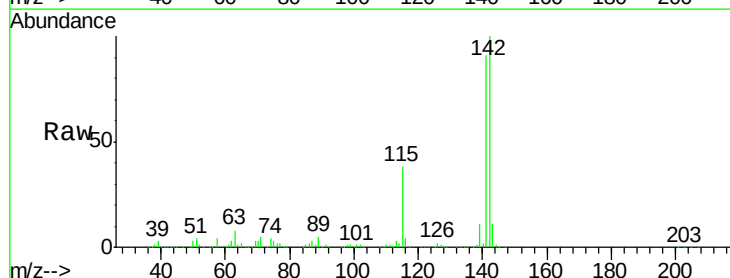
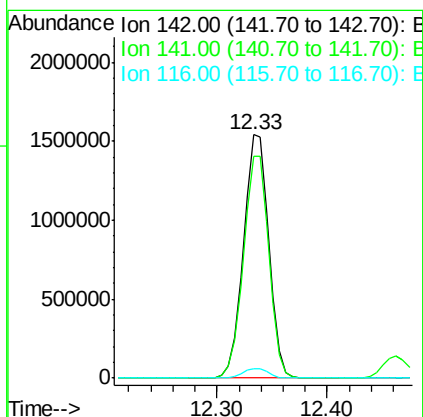
RT: 12.33 min Scan# 1589

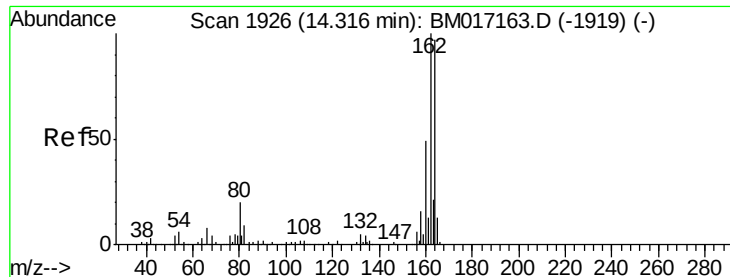
Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion:	142	Resp:	2475671
Ion Ratio	Lower	Upper	
142	100		
141	91.2	73.8	110.6
116	4.0	2.9	4.3





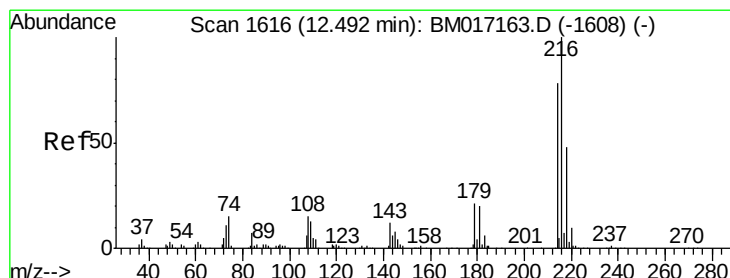
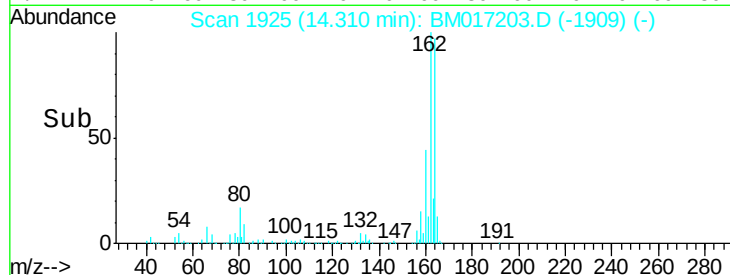
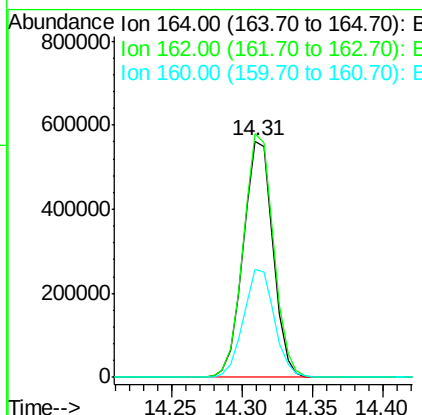
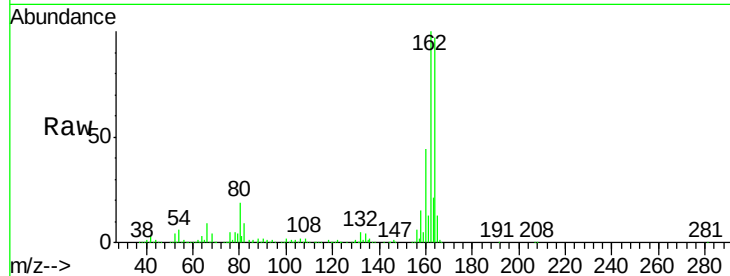
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	82.1	123.1	
160	45.6	40.2	60.2	

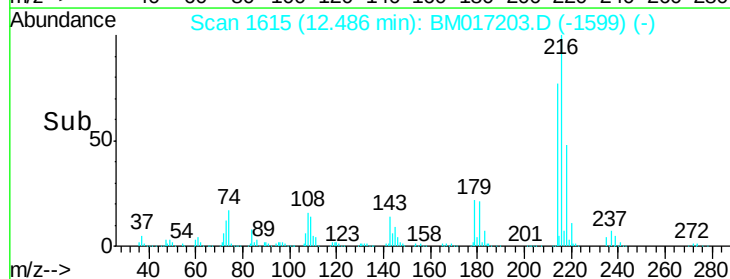
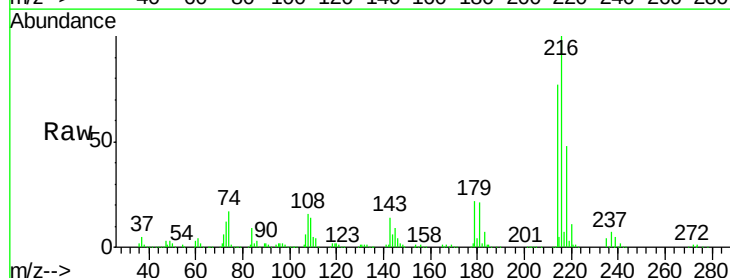
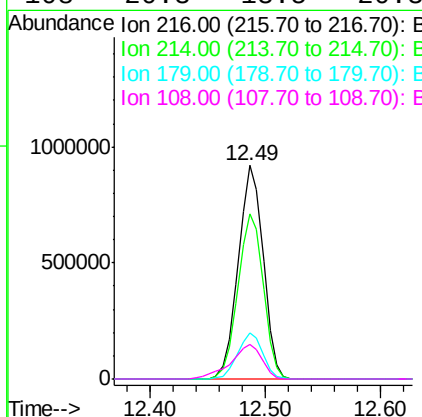
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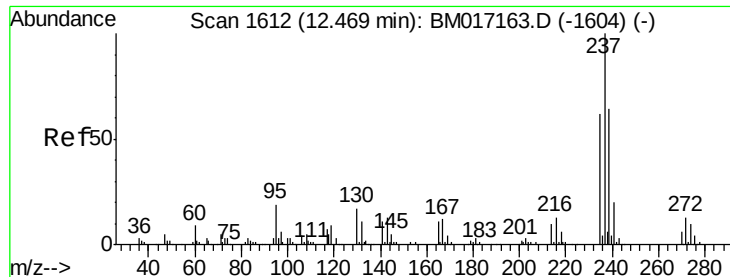
Sohil
10/19/2018 2:37:38 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.159 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	62.6	93.8	
179	21.5	16.6	24.8	
108	20.3	13.5	20.3#	





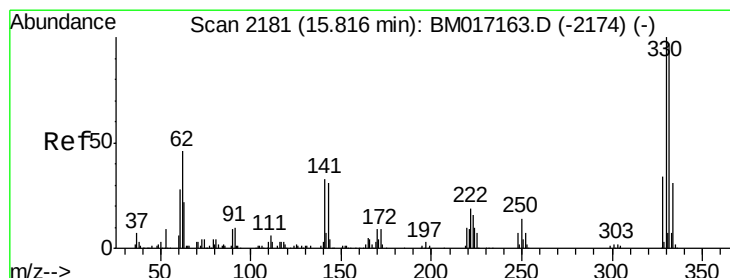
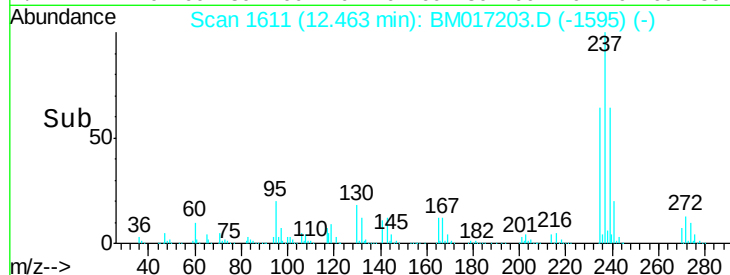
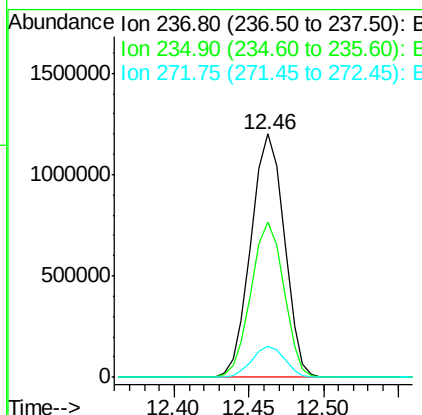
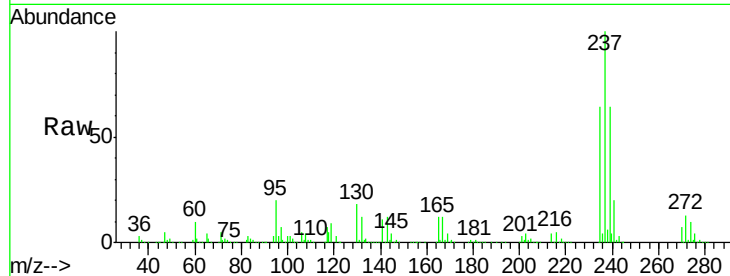
#41
Hexachlorocyclopentadiene
Concen: 130.905 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion: 237 Resp: 1855188
Ion Ratio Lower Upper
237 100
235 63.6 42.4 82.4
272 12.6 0.0 33.0

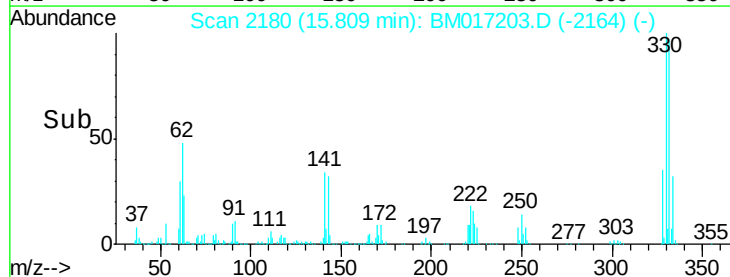
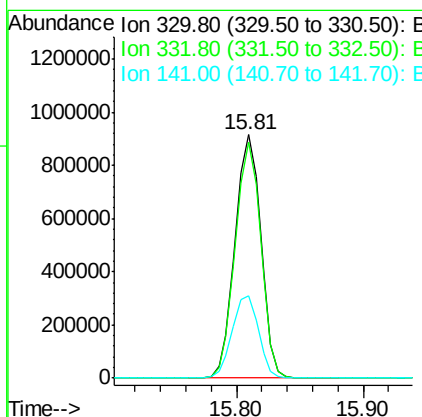
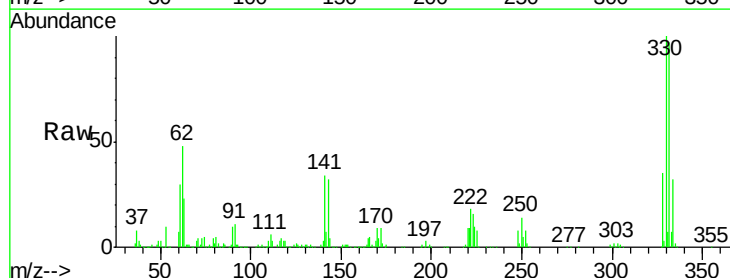
Manual Integrations
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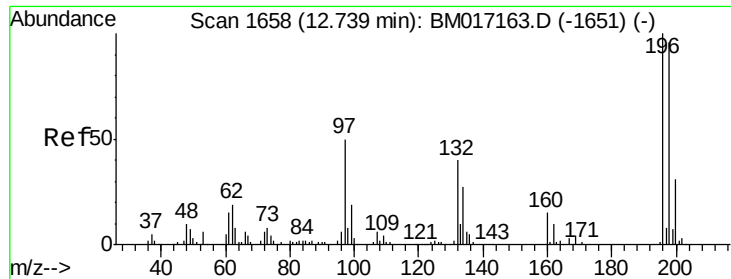
Sohil
10/19/2018 2:37:38 PM



#42
2,4,6-Tribromophenol
Concen: 114.666 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion: 330 Resp: 1290839
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 34.4 27.4 41.0





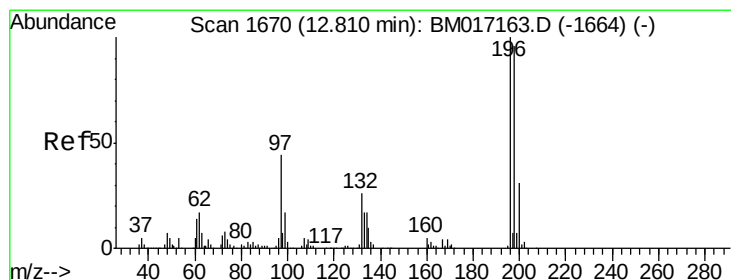
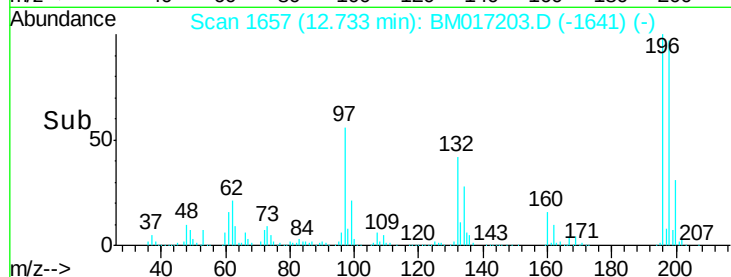
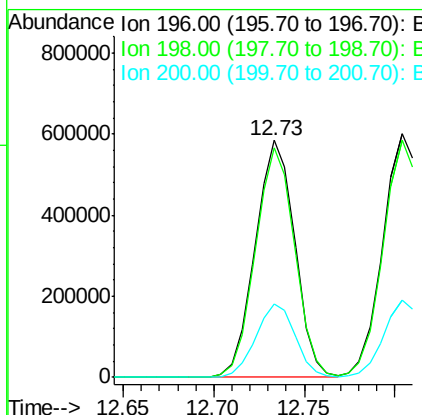
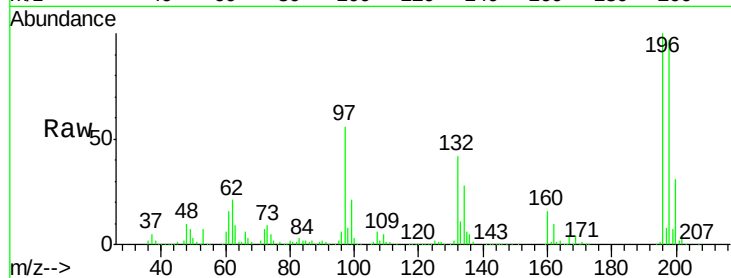
#43
 2,4,6-Trichlorophenol
 Concen: 52.033 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	885474		
198	97.2	77.1	115.7	
200	31.0	25.0	37.4	

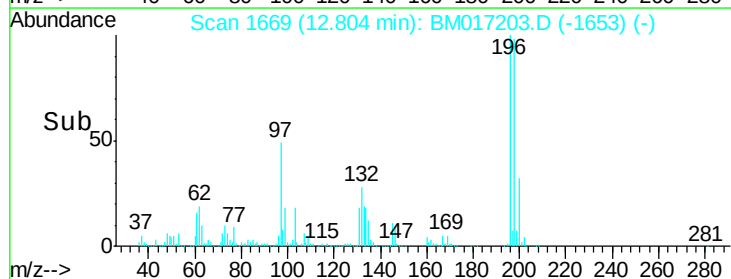
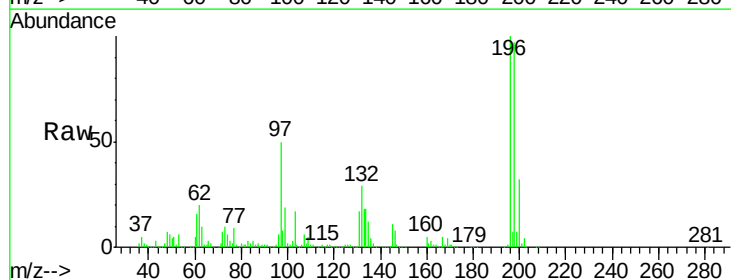
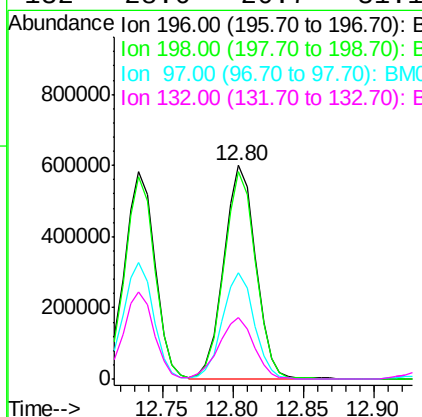
Manual Integrations
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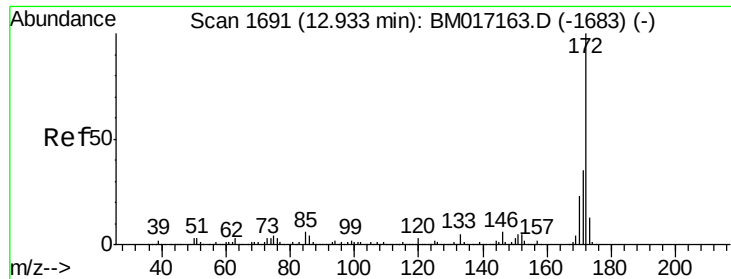
Sohil
 10/19/2018 2:37:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.597 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	941564		
198	97.4	76.6	115.0	
97	50.0	35.5	53.3	
132	28.6	20.7	31.1	





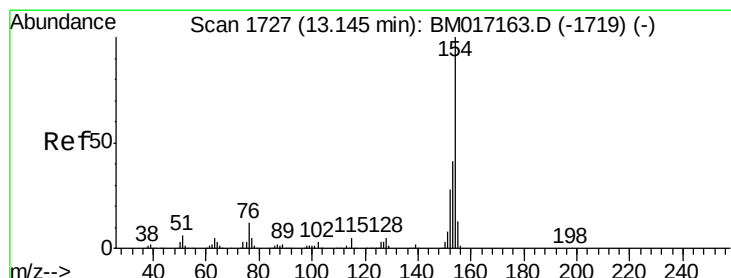
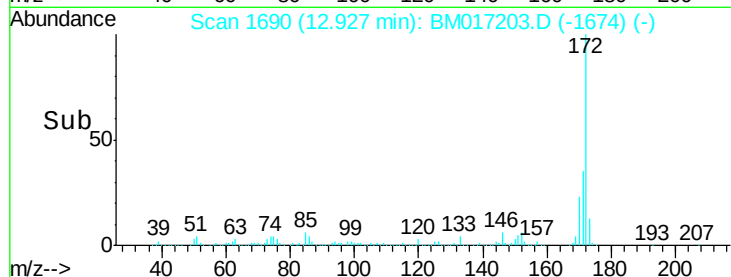
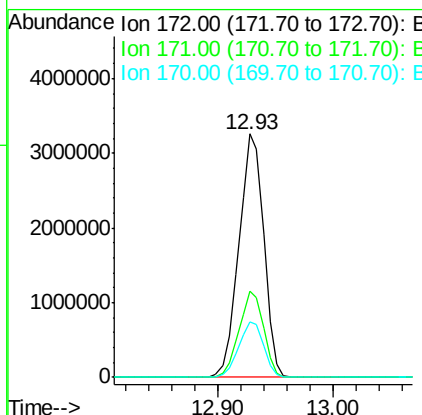
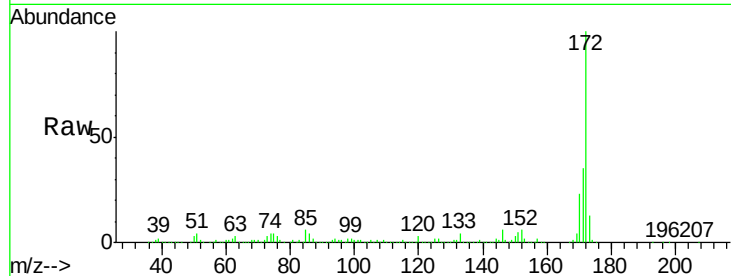
#45
2-Fluorobiphenyl
Concen: 77.415 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion:172 Resp: 4843310
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.8 18.3 27.5

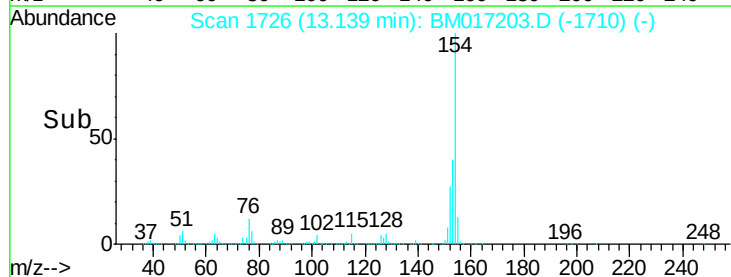
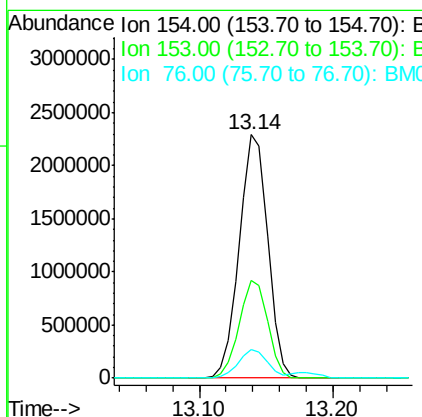
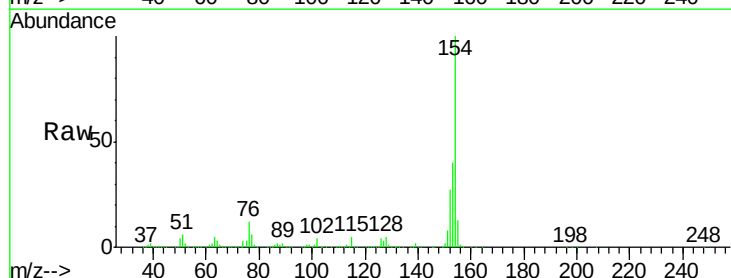
Manual Integrations
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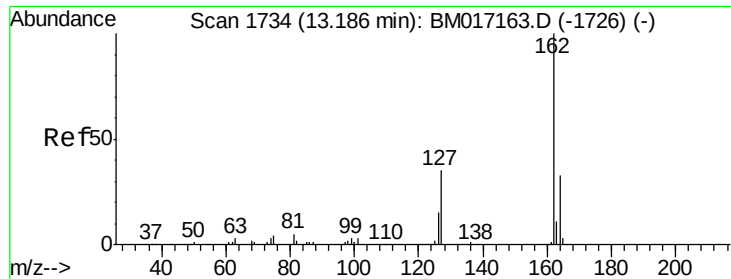
Sohil
10/19/2018 2:37:38 PM



#46
1,1'-Biphenyl
Concen: 45.140 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion:154 Resp: 3381431
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 11.9 0.0 31.8





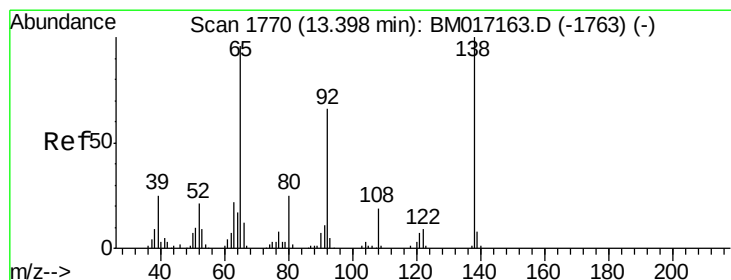
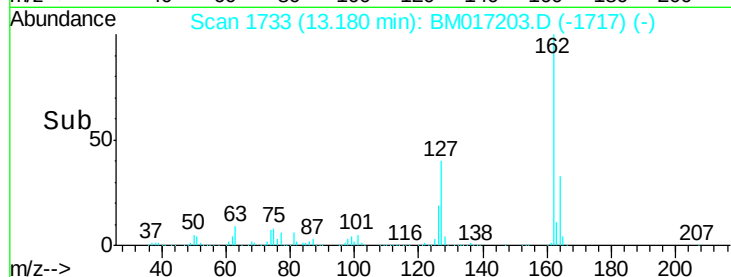
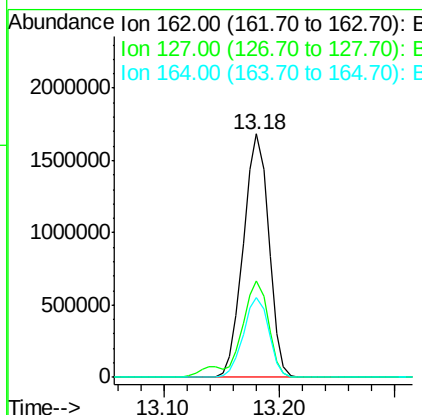
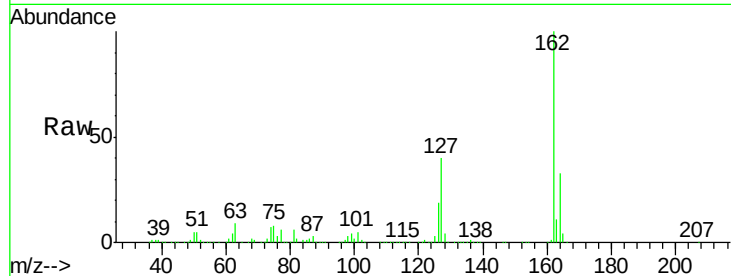
#47
2-Chloronaphthalene
Concen: 46.997 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion: 162 Resp: 2589971
Ion Ratio Lower Upper
162 100
127 39.8 31.0 46.4
164 32.9 26.6 39.8

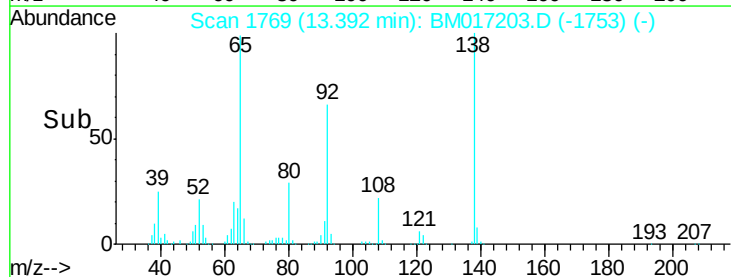
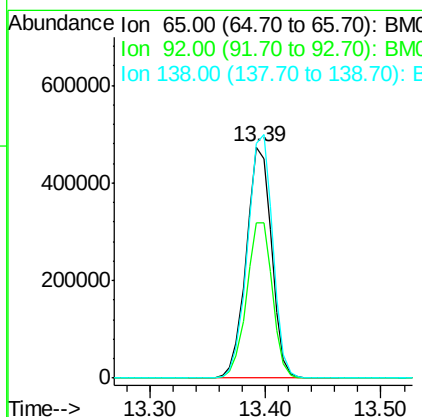
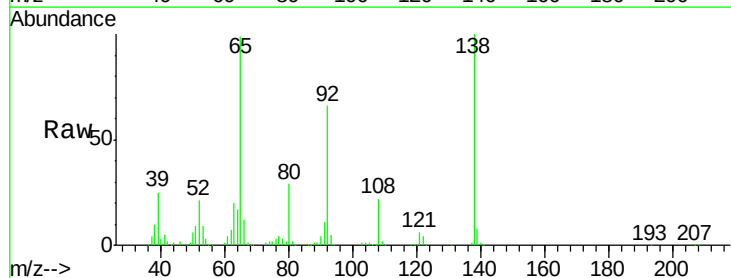
Manual Integrations
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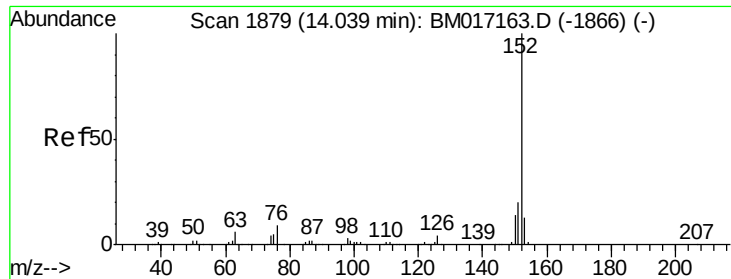
Sohil
10/19/2018 2:37:38 PM



#48
2-Nitroaniline
Concen: 46.517 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion: 65 Resp: 721126
Ion Ratio Lower Upper
65 100
92 67.4 54.9 82.3
138 101.4 83.7 125.5





#49

Acenaphthylene

Concen: 51.126 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion:152 Resp: 4083926

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

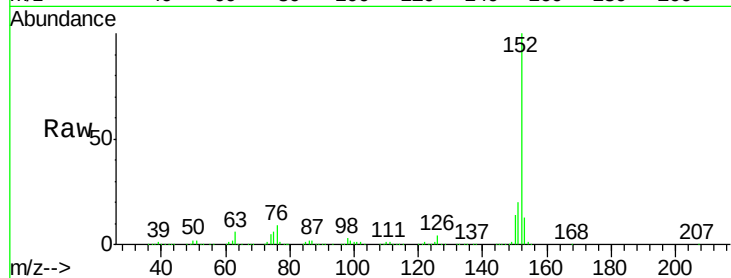
153 13.1 10.4 15.6

Manual Integrations

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Sohil

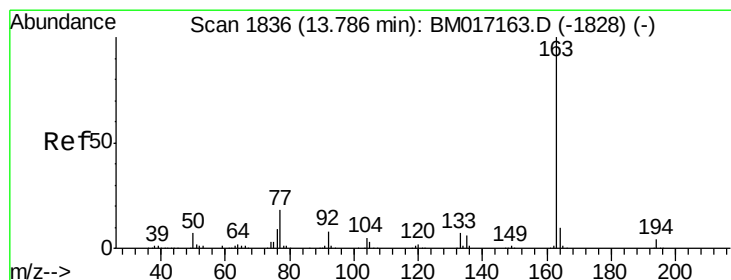
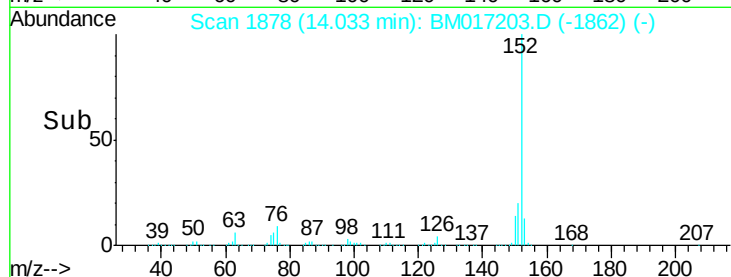
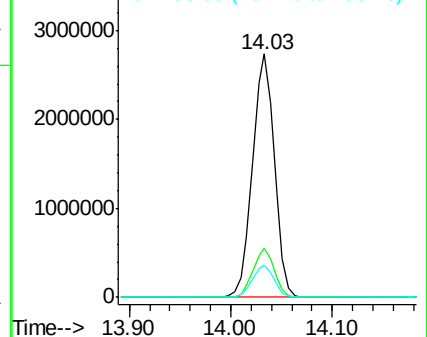
10/19/2018 2:37:38 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.928 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

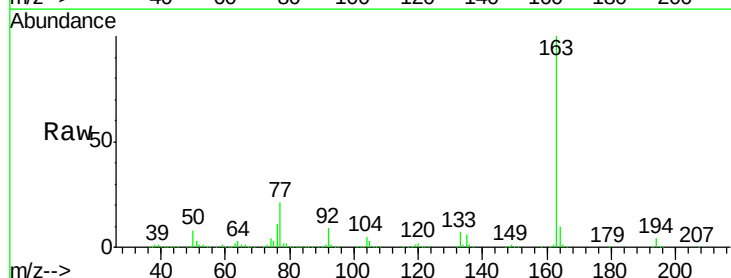
Tgt Ion:163 Resp: 3078028

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

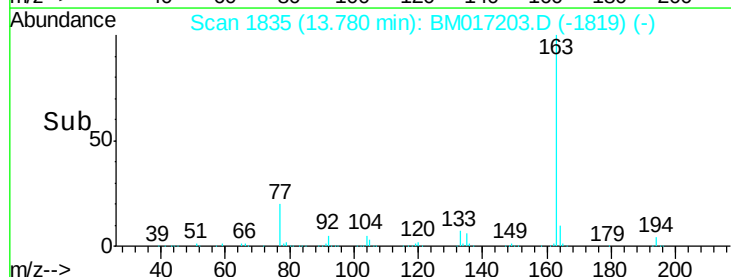
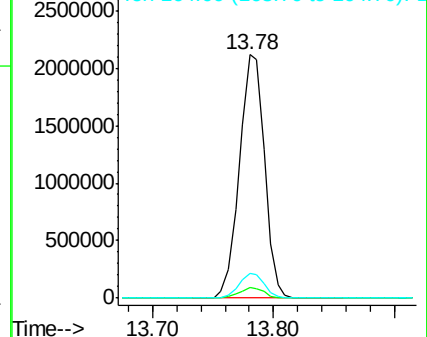
164 10.1 7.8 11.8

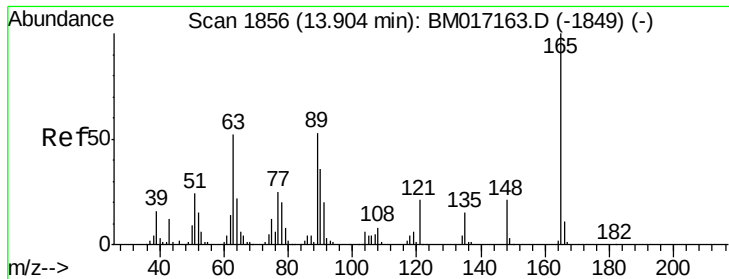


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





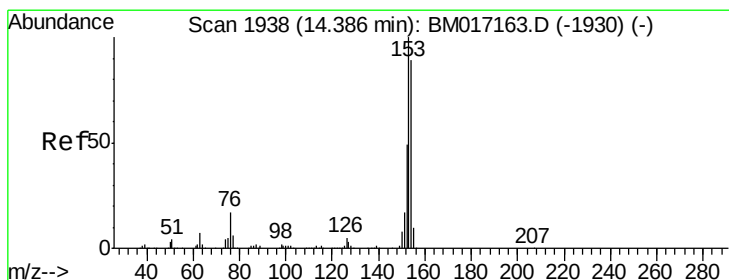
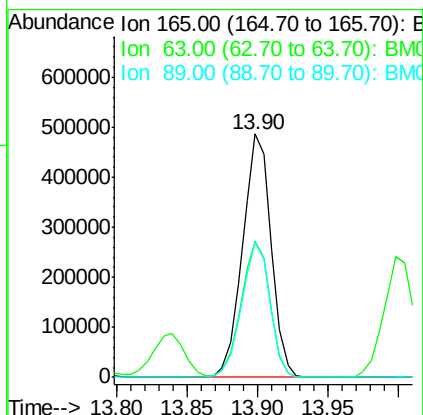
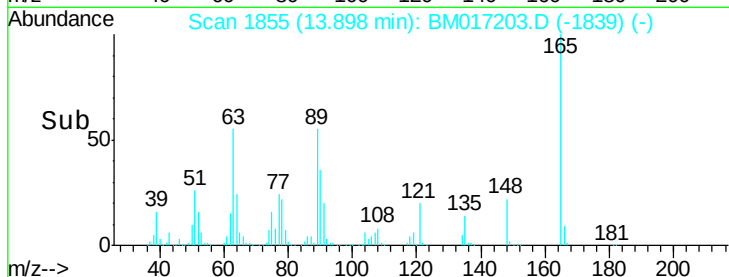
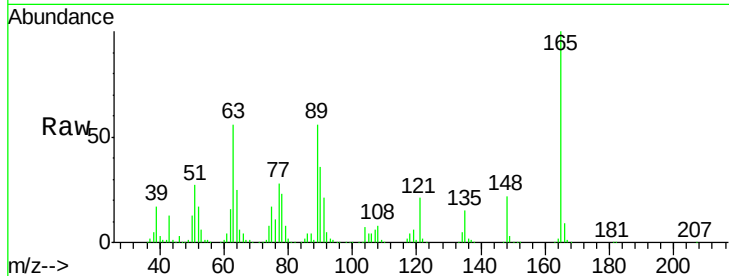
#51
2,6-Dinitrotoluene
Concen: 48.559 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	686376		
63	55.7	42.7	64.1	
89	55.6	42.1	63.1	

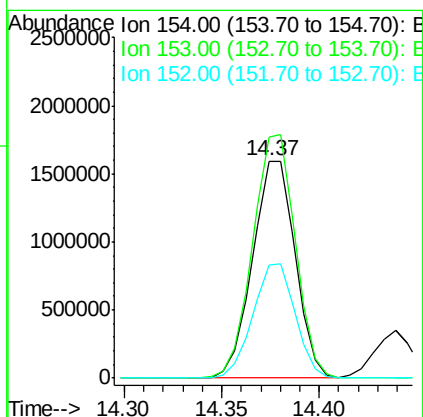
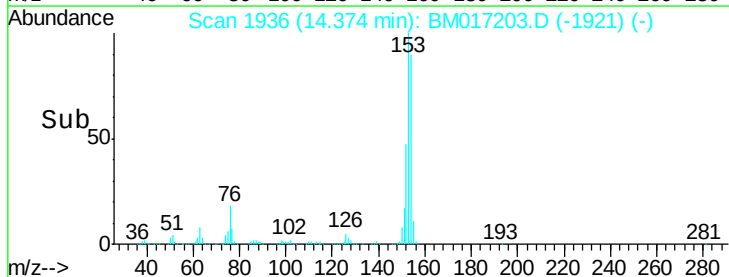
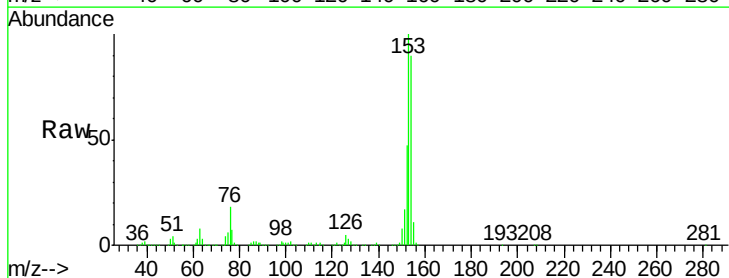
Manual Integrations
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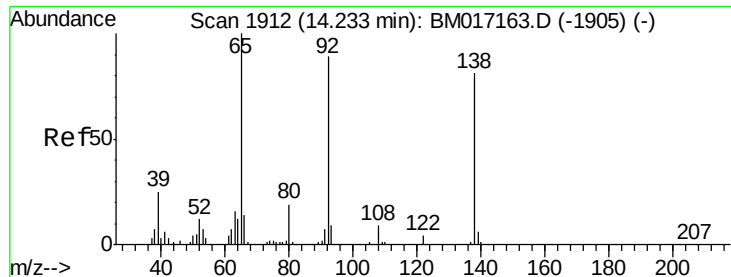
Sohil
10/19/2018 2:37:38 PM



#52
Acenaphthene
Concen: 48.127 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2413814		
153	111.1	90.2	135.2	
152	52.0	44.2	66.4	





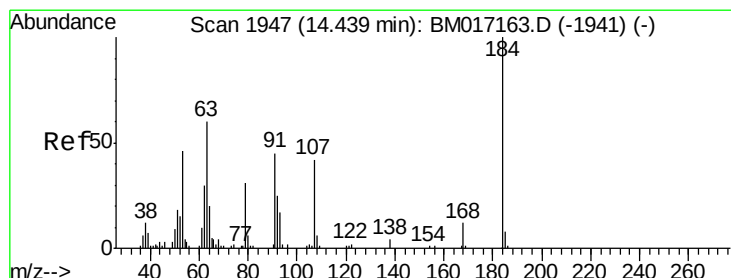
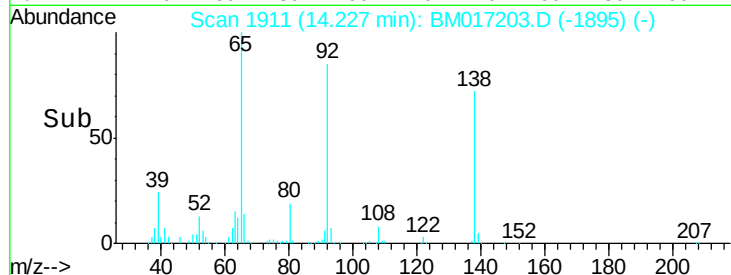
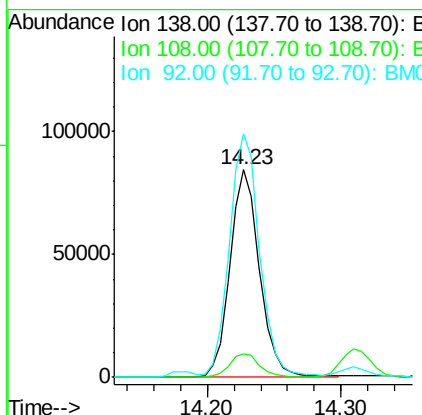
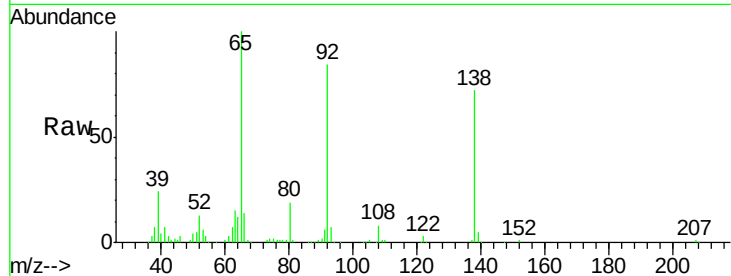
#53
 3-Nitroaniline
 Concen: 8.556 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	130989		
108	11.1	8.7	13.1	
92	117.4	87.9	131.9	

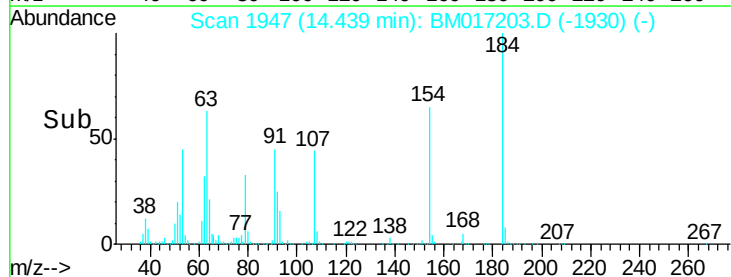
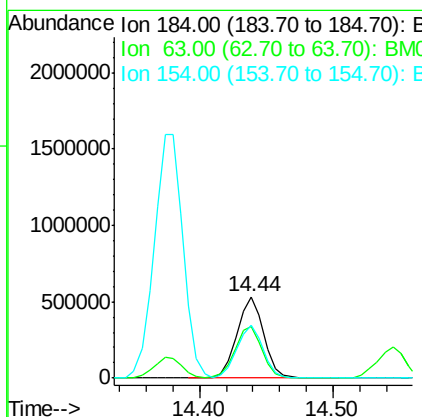
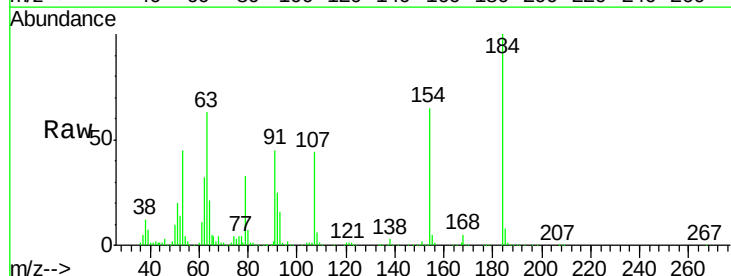
Manual Integrations
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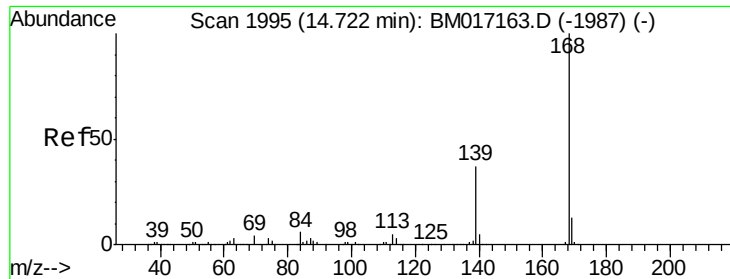
Sohil
 10/19/2018 2:37:38 PM



#54
 2,4-Dinitrophenol
 Concen: 87.755 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	735071		
63	63.5	51.2	76.8	
154	65.2	47.8	71.8	





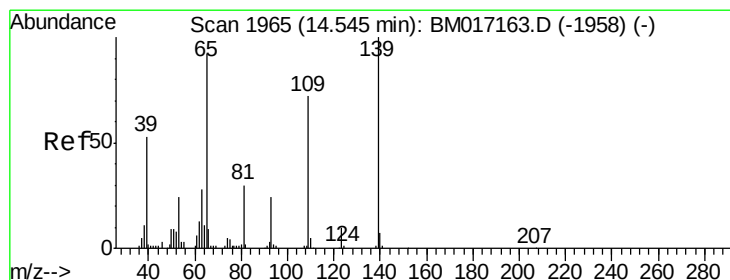
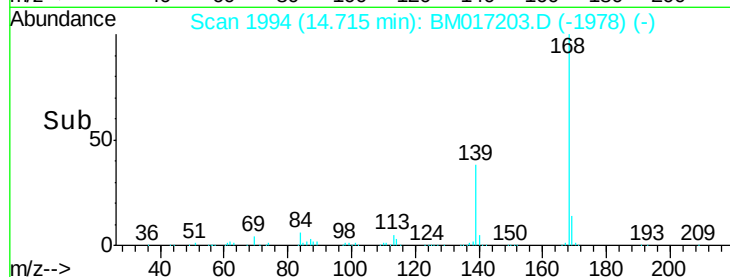
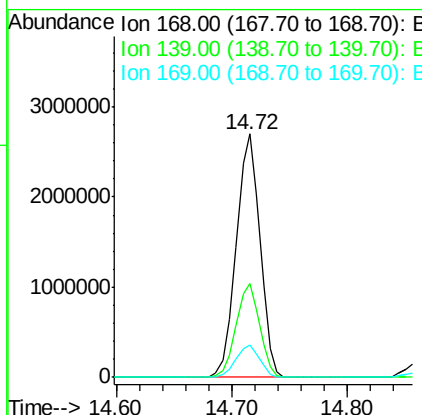
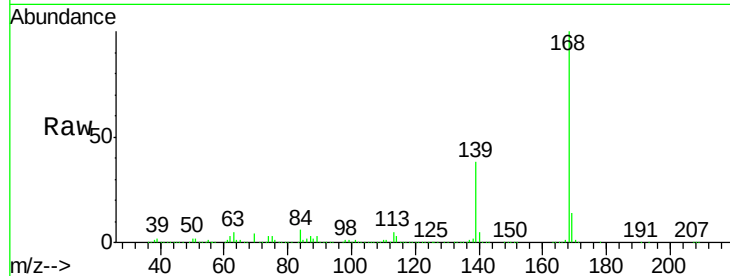
#55
Dibenzofuran
Concen: 45.835 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion:168 Resp: 3822912
Ion Ratio Lower Upper
168 100
139 38.3 29.3 43.9
169 13.6 10.6 15.8

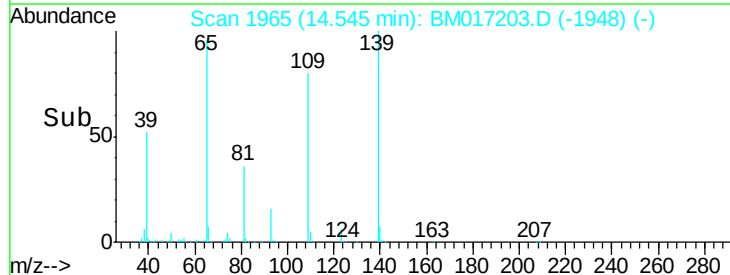
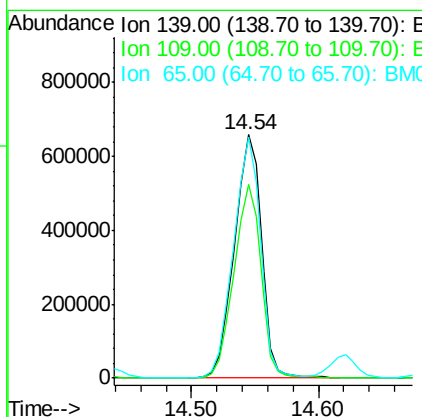
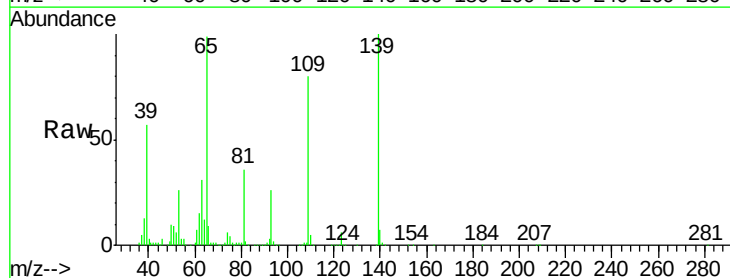
Manual Integrations
APPROVED

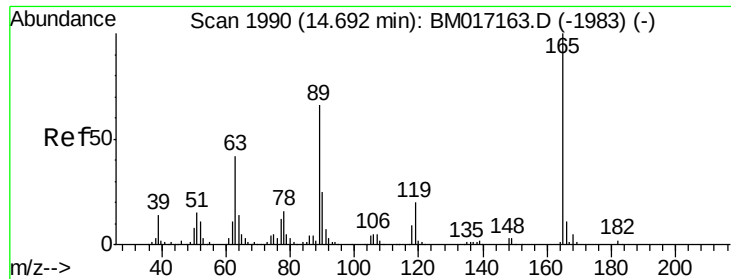
Sohil
10/19/2018 2:37:38 PM



#56
4-Nitrophenol
Concen: 70.776 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion:139 Resp: 979430
Ion Ratio Lower Upper
139 100
109 79.8 51.8 91.8
65 98.9 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 48.361 ng

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

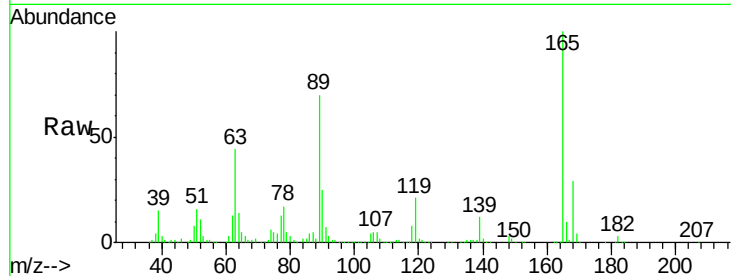
ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

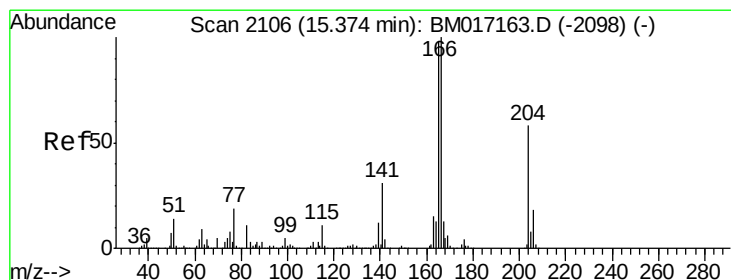
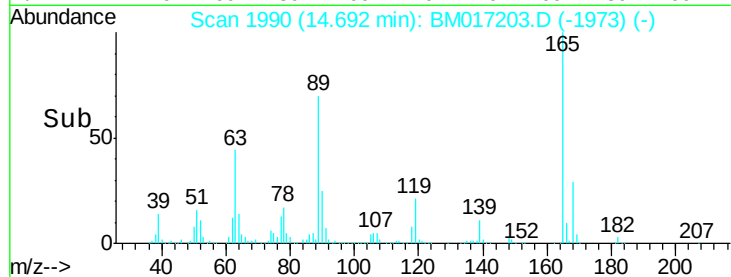
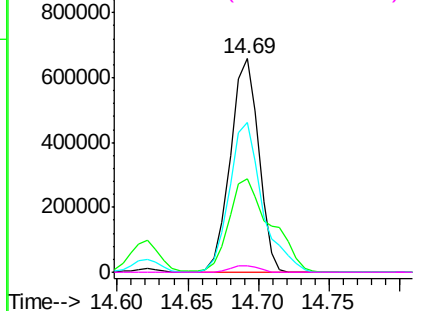
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.8	50.8
89	69.9	53.1	79.7
182	3.2	2.0	3.0#

Manual Integrations
APPROVED

Sohil
10/19/2018 2:37:38 PM



Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 49.154 ng

RT: 15.37 min Scan# 2105

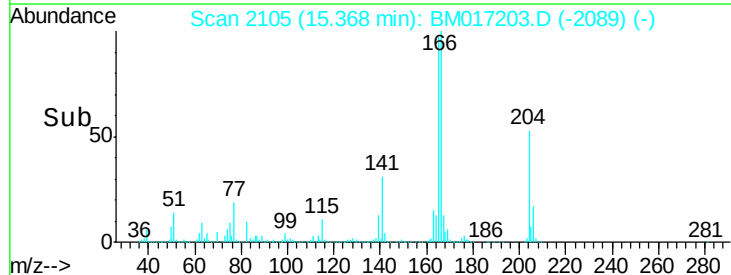
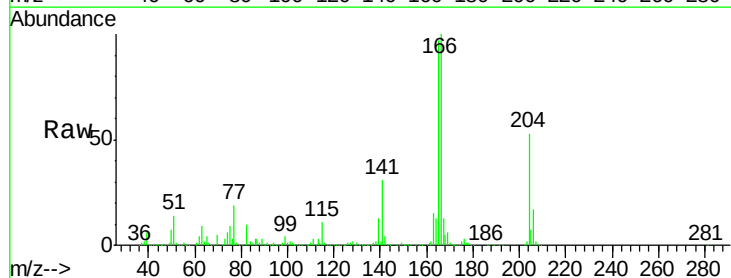
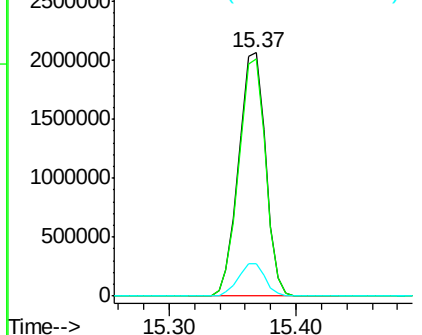
Delta R.T. -0.01 min

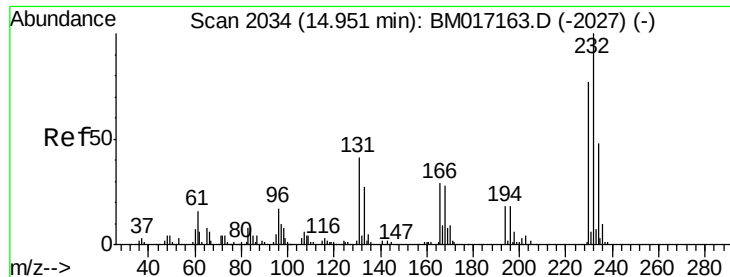
Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	13.4	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E





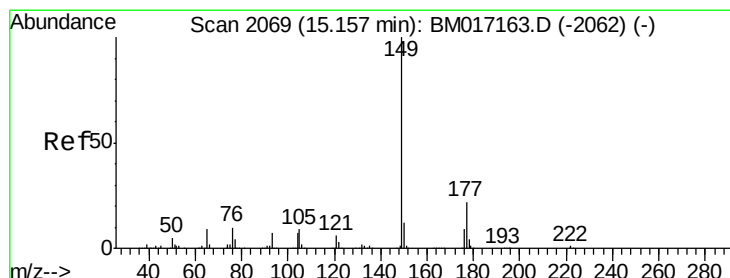
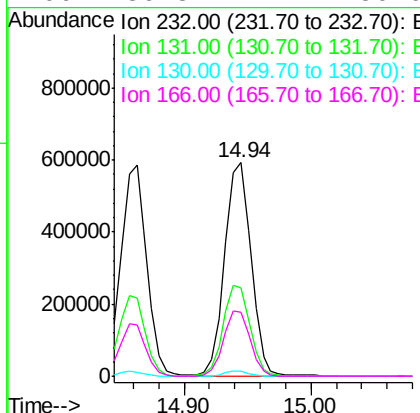
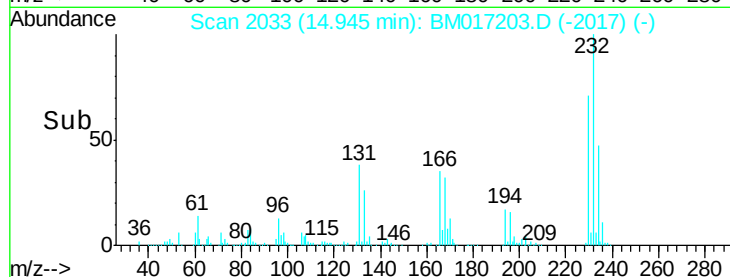
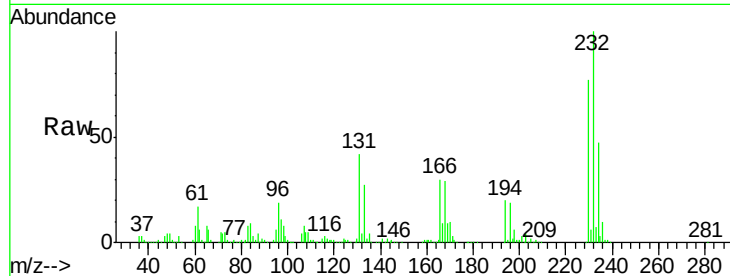
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.212 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.1	49.7
130	2.3	1.7	2.5
166	30.8	24.4	36.6

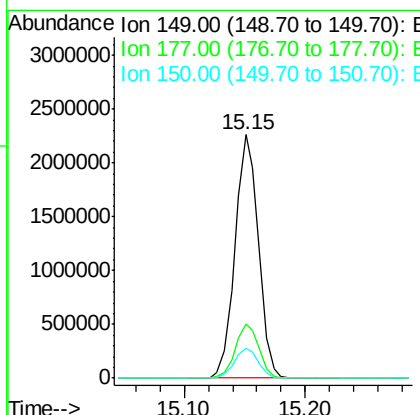
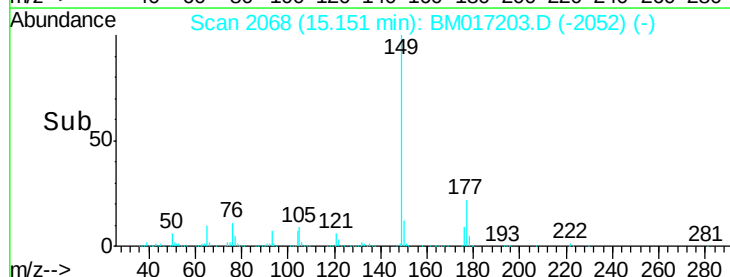
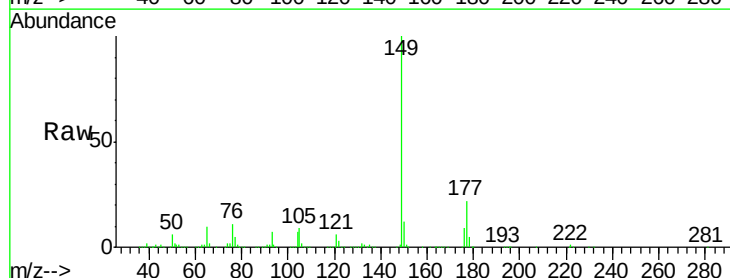
Manual Integrations
 APPROVED

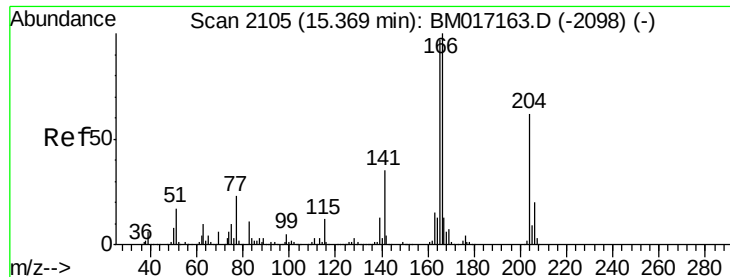
Sohil
 10/19/2018 2:37:38 PM



#60
 Diethylphthalate
 Concen: 47.609 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.4	10.0	15.0





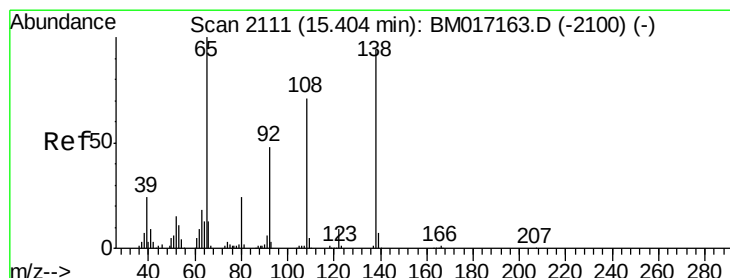
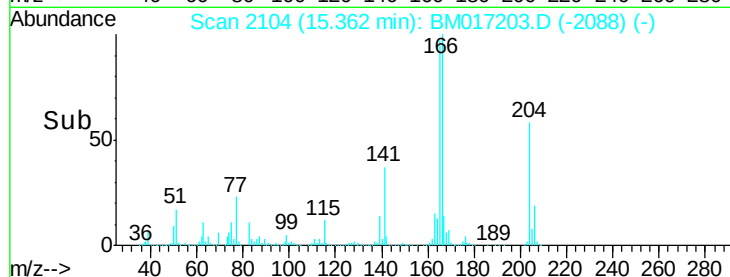
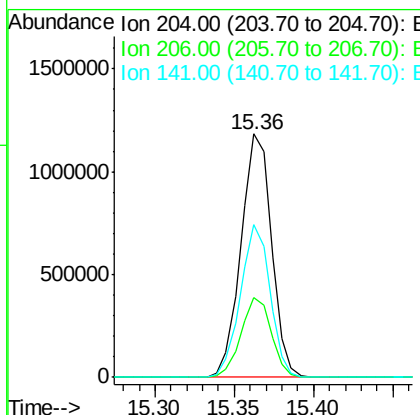
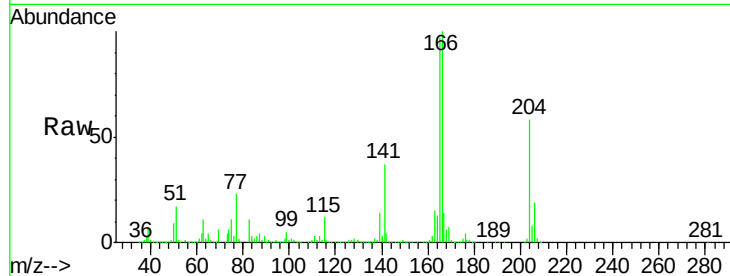
#61
4-Chlorophenyl-phenylether
Concen: 44.821 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion:204 Resp: 1577448
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 62.8 45.4 68.2

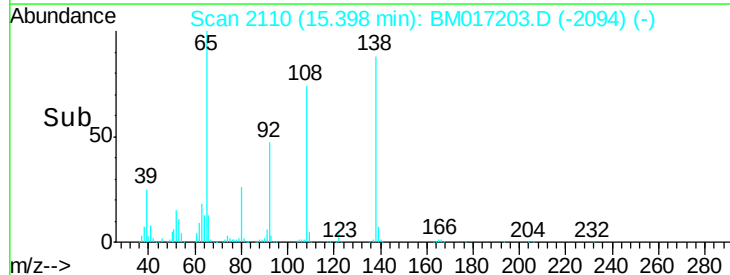
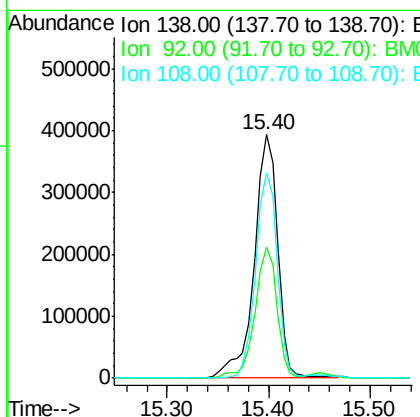
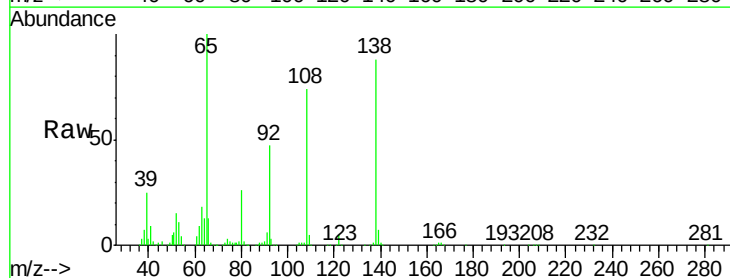
Manual Integrations
APPROVED

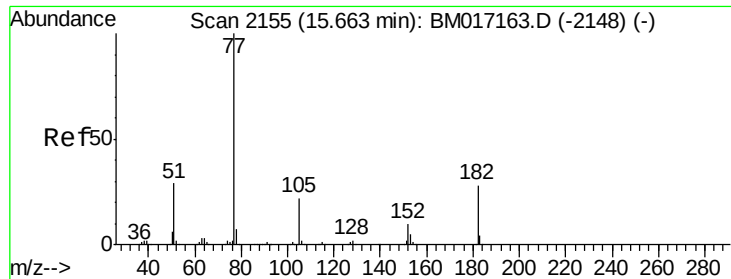
Sohil
10/19/2018 2:37:38 PM



#62
4-Nitroaniline
Concen: 38.415 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion:138 Resp: 638295
Ion Ratio Lower Upper
138 100
92 54.0 31.2 71.2
108 84.4 55.5 95.5





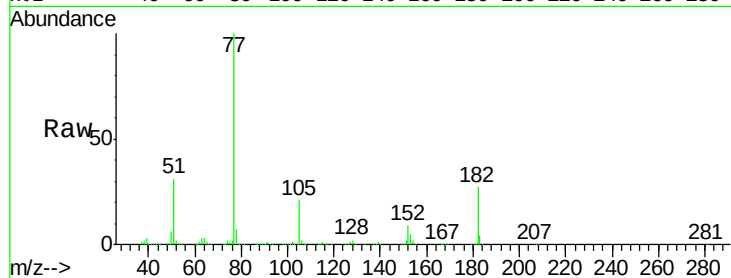
#63
Azobenzene
Concen: 47.962 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.3	48.3
105	21.1	1.5	41.5
51	30.5	8.8	48.8

Manual Integrations
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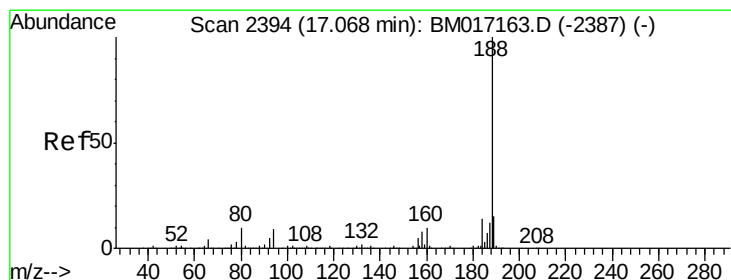
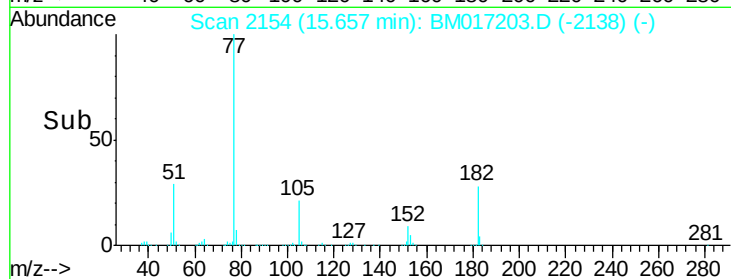
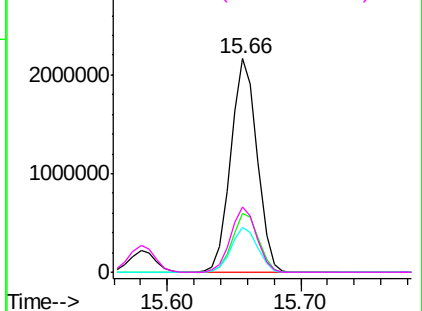


Abundance Ion 77.00 (76.70 to 77.70): BM017203.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017203.D (-2138) (-)

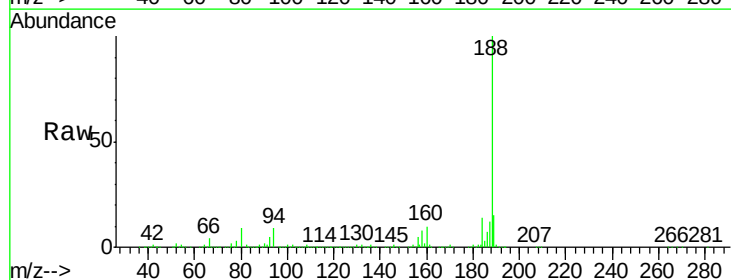
Ion 105.00 (104.70 to 105.70): BM017203.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017203.D (-2138) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

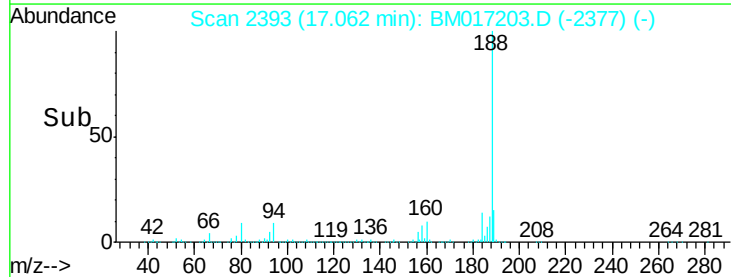
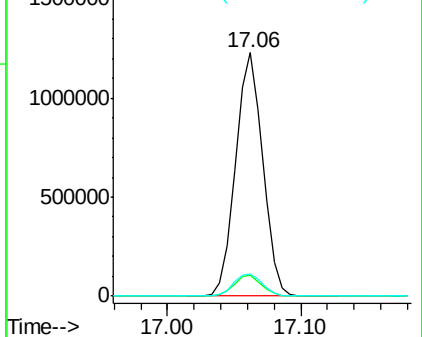
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	9.2	7.7	11.5

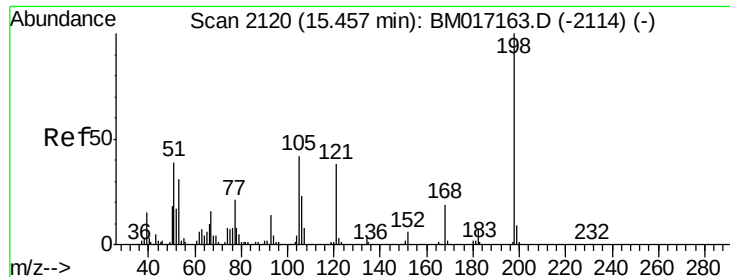


Abundance Ion 188.00 (187.70 to 188.70): BM017203.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017203.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017203.D (-2377) (-)





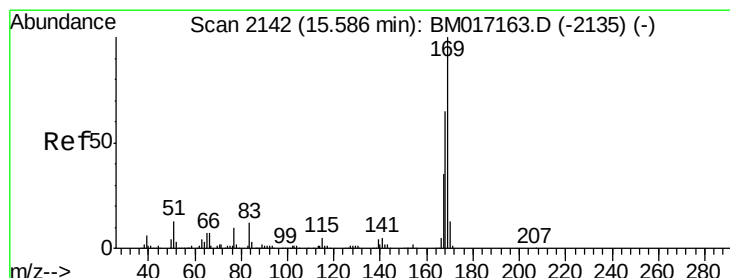
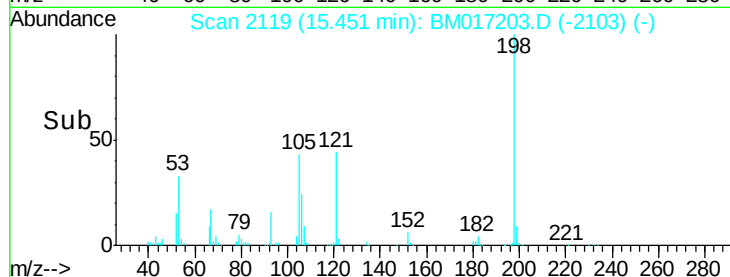
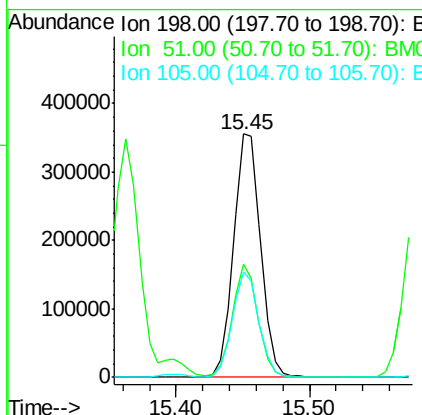
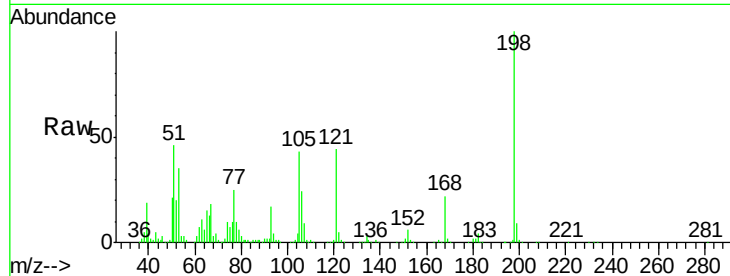
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.484 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	501460		
51	46.4	20.3	60.3	
105	43.2	21.9	61.9	

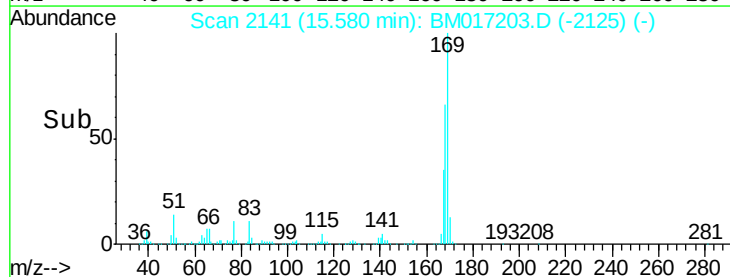
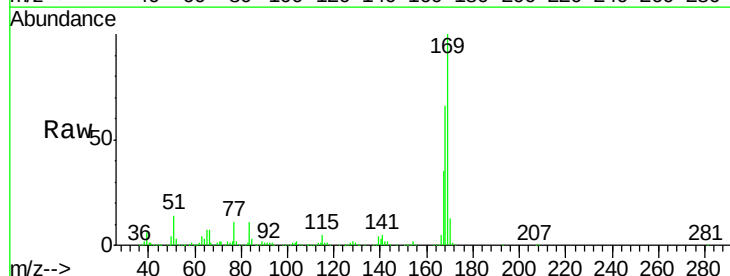
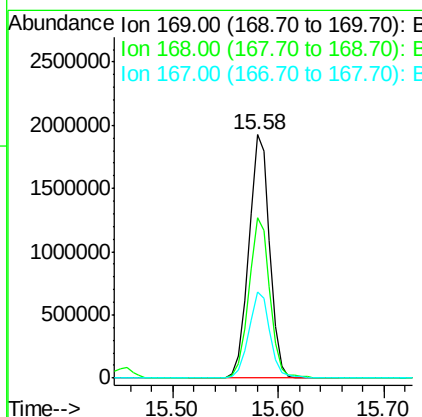
Manual Integrations
 APPROVED

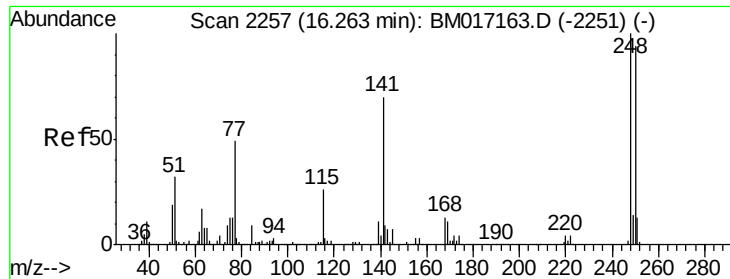
Sohil
 10/19/2018 2:37:38 PM



#66
 n-Nitrosodiphenylamine
 Concen: 50.332 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2639381		
168	65.9	52.2	78.4	
167	35.4	28.4	42.6	





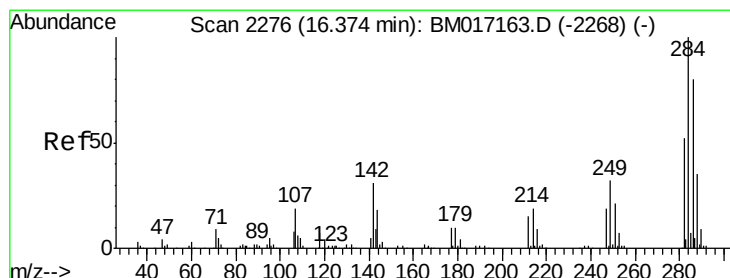
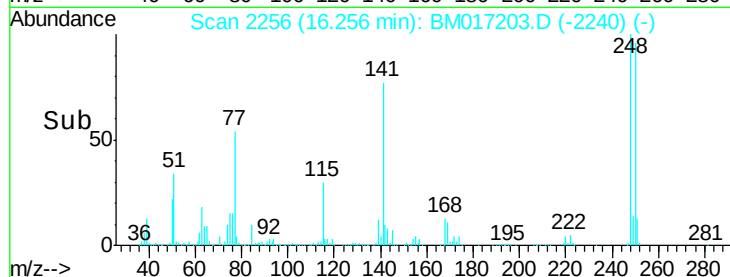
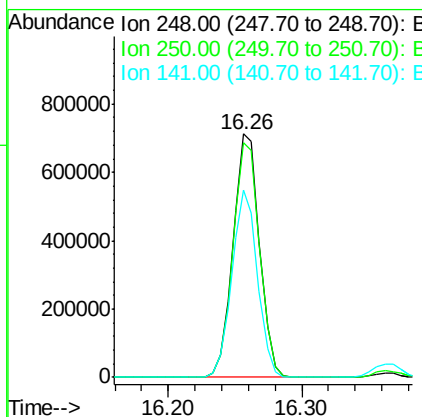
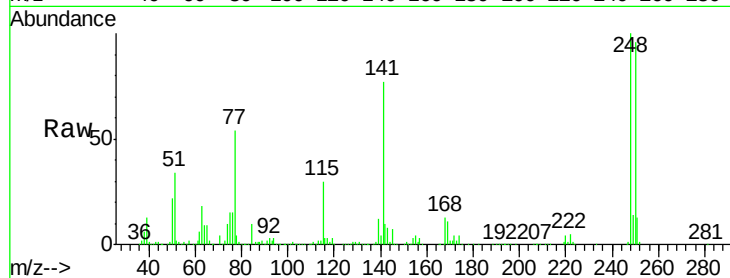
#67
4-Bromophenyl-phenylether
Concen: 51.533 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.1	112.7
141	76.7	55.6	83.4

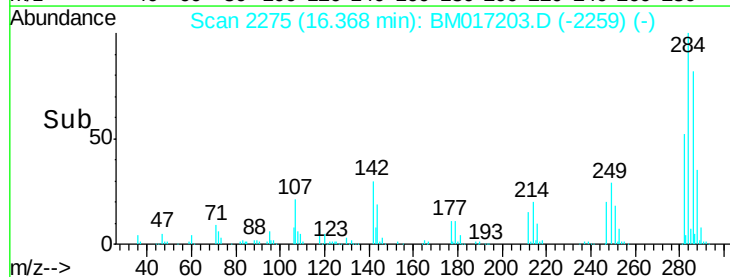
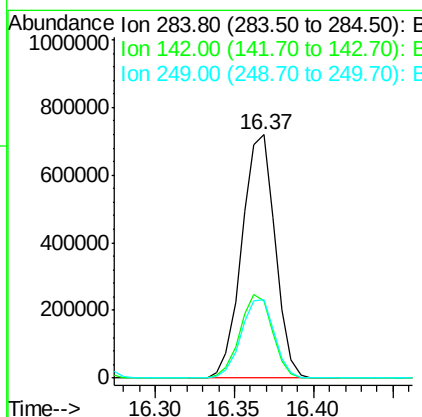
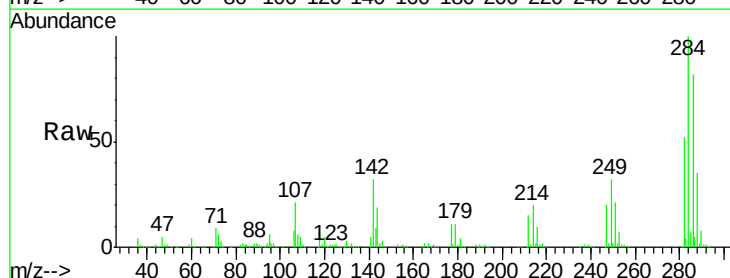
Manual Integrations
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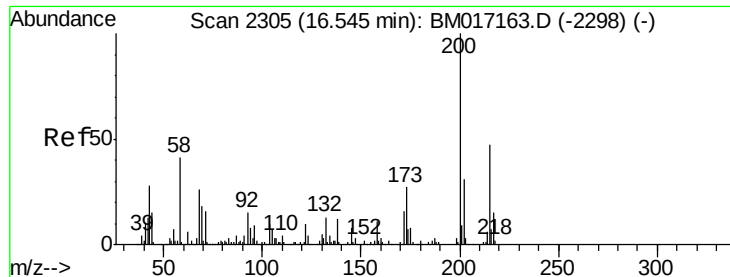
Sohil
10/19/2018 2:37:38 PM



#68
Hexachlorobenzene
Concen: 47.158 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.0	37.6
249	32.4	25.5	38.3





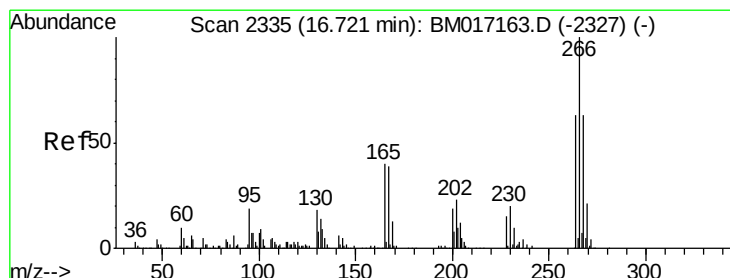
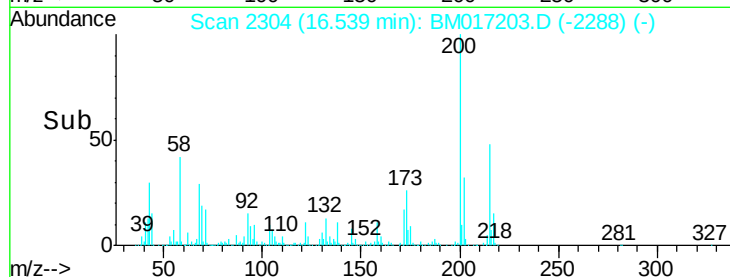
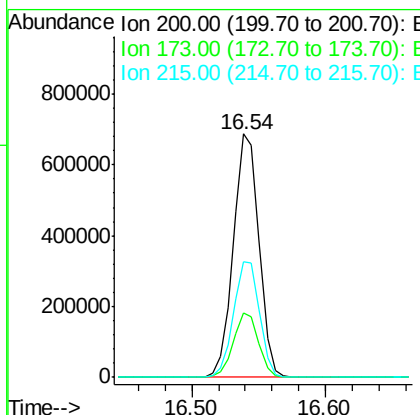
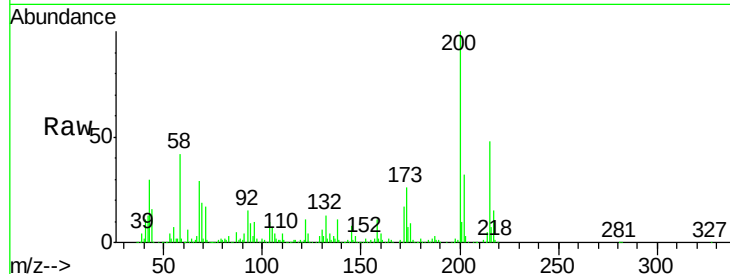
#69
Atrazine
Concen: 48.964 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	918971		
173	26.5	7.0	47.0	
215	47.7	27.3	67.3	

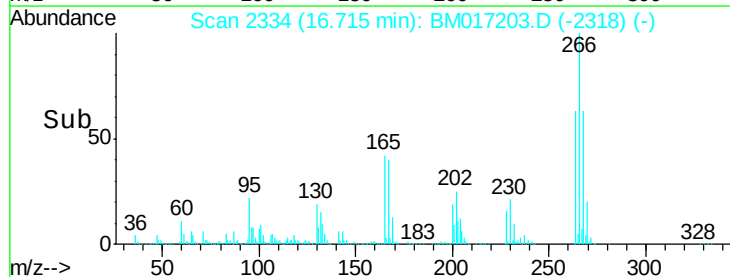
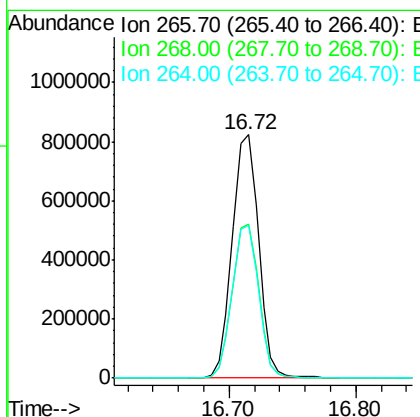
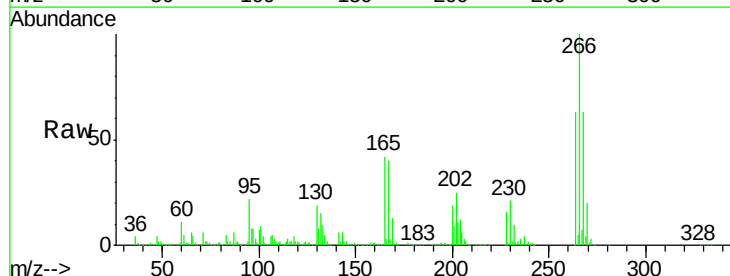
Manual Integrations
APPROVED

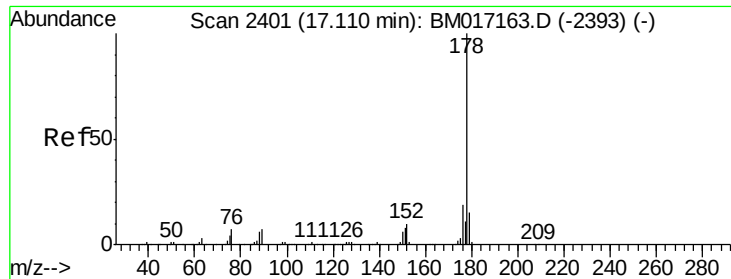
Sohil
10/19/2018 2:37:38 PM



#70
Pentachlorophenol
Concen: 78.532 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1189261		
268	63.2	50.7	76.1	
264	62.6	50.4	75.6	





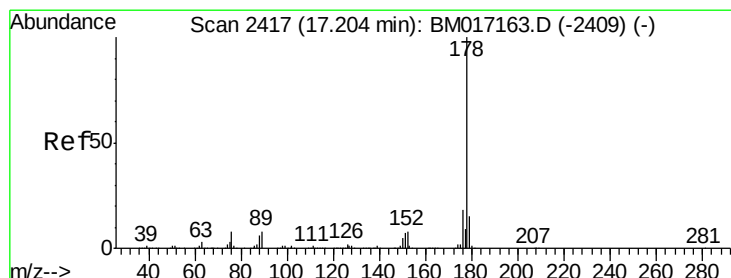
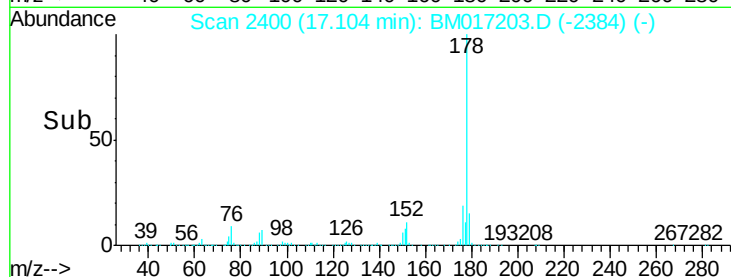
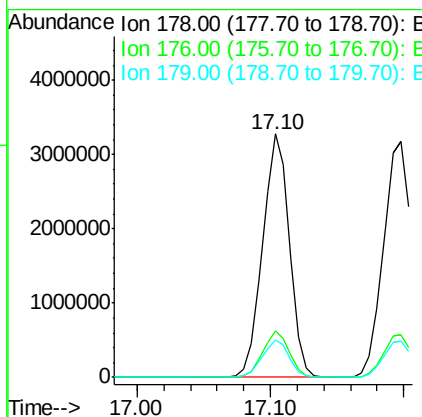
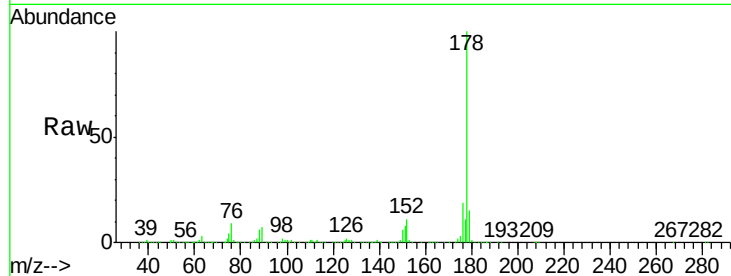
#71
Phenanthrene
Concen: 48.376 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion:178 Resp: 4523819
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.4 12.3 18.5

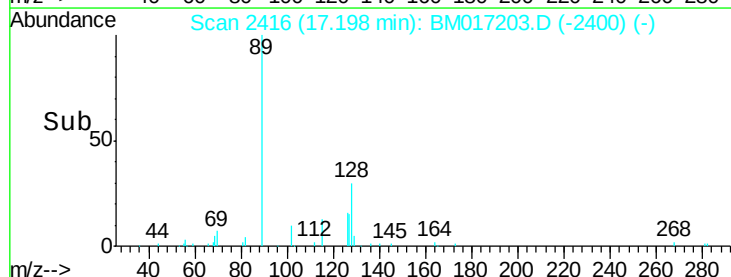
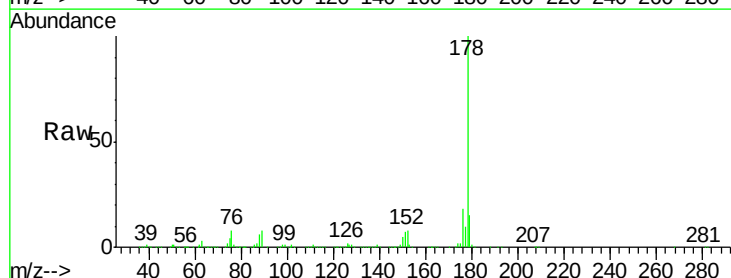
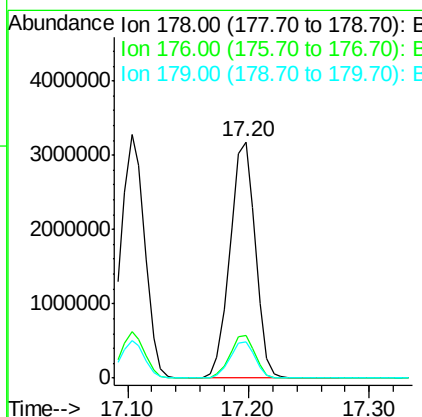
Manual Integrations
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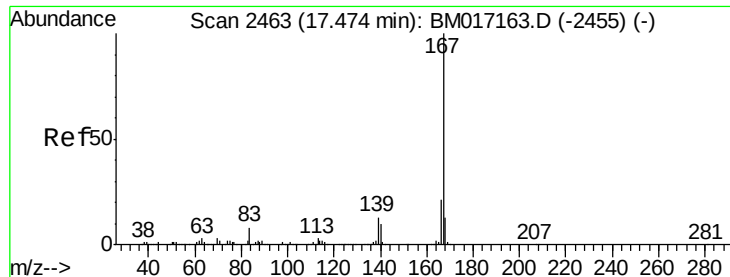
Sohil
10/19/2018 2:37:38 PM



#72
Anthracene
Concen: 52.051 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion:178 Resp: 4624984
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.4 12.2 18.2





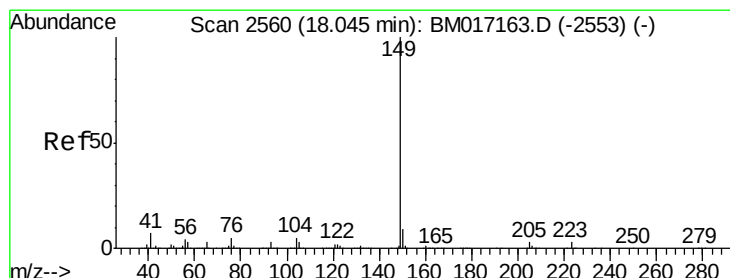
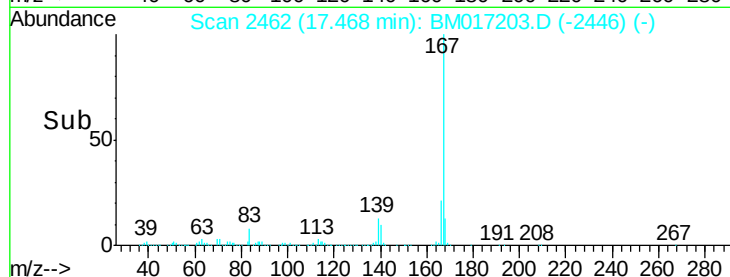
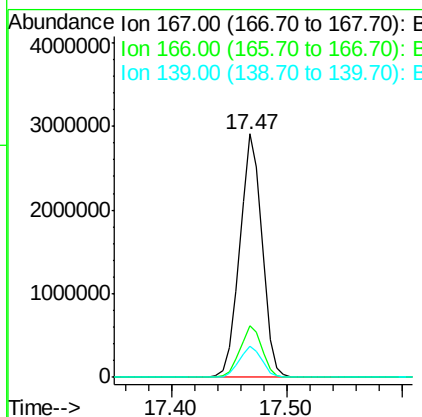
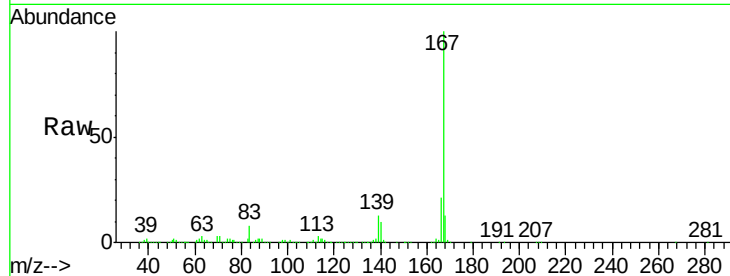
#73
 Carbazole
 Concen: 42.878 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion:167 Resp: 3891876
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 12.9 10.1 15.1

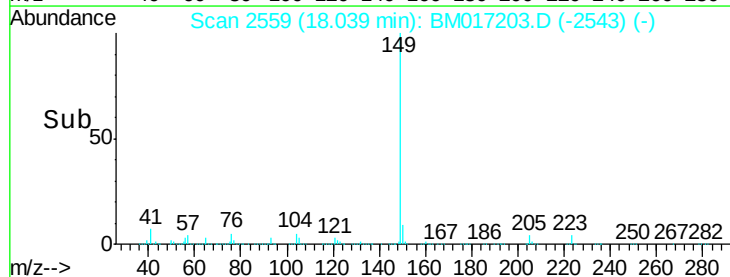
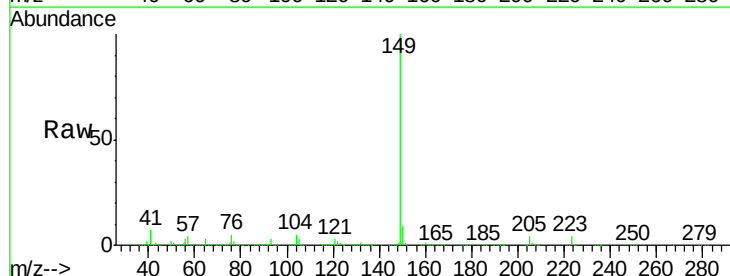
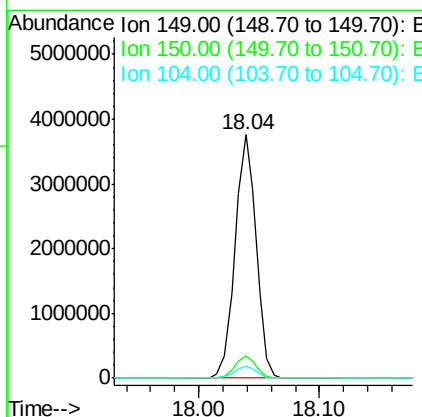
Manual Integrations
 APPROVED

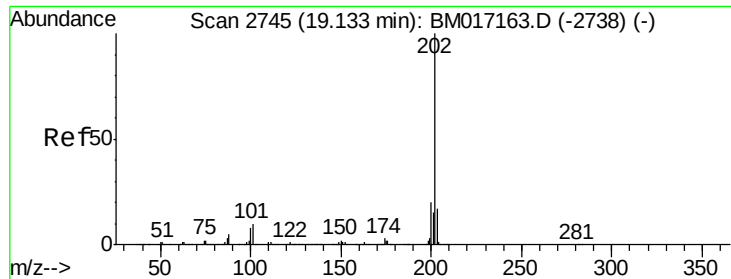
Sohil
 10/19/2018 2:37:38 PM



#74
 Di-n-butylphthalate
 Concen: 47.779 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion:149 Resp: 4573988
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 44.640 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

ClientSampleId :

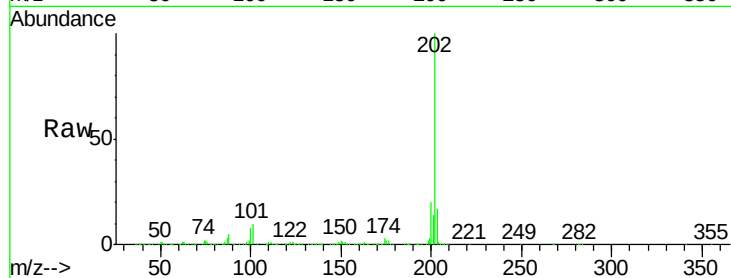
CB-1018-S-TCLP-GRID-45MS

Tgt Ion: 202 Resp: 4697329

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.0
203	17.4	0.0	37.2

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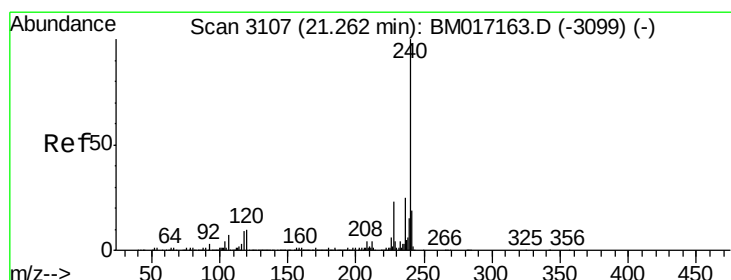
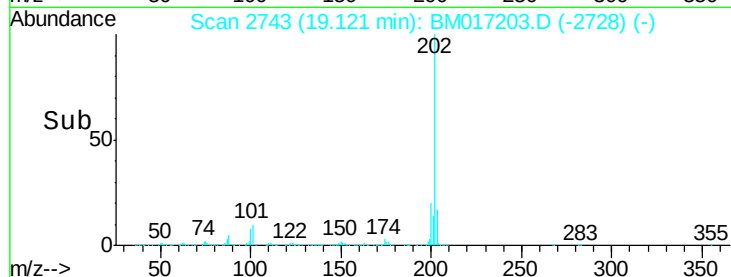
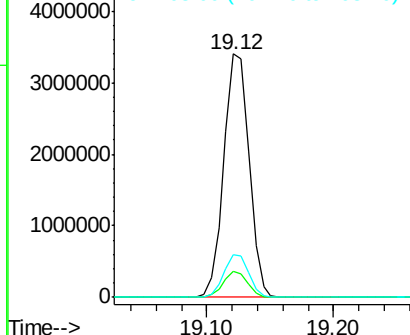
Sohil
10/19/2018 2:37:38 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

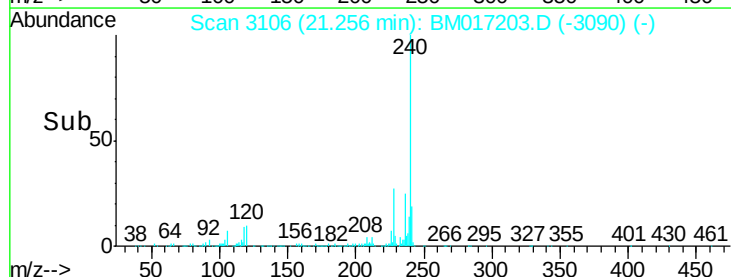
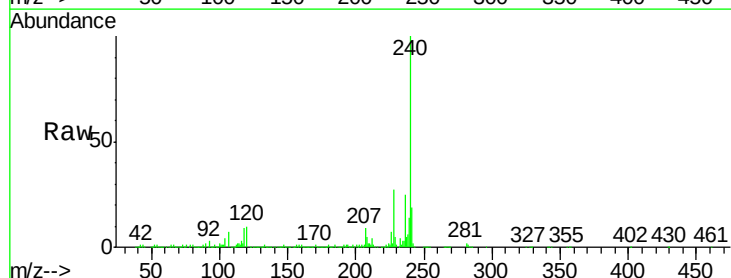
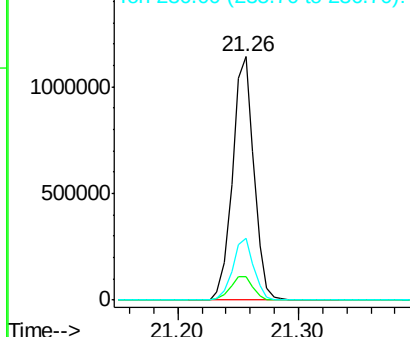
Tgt Ion: 240 Resp: 1406336

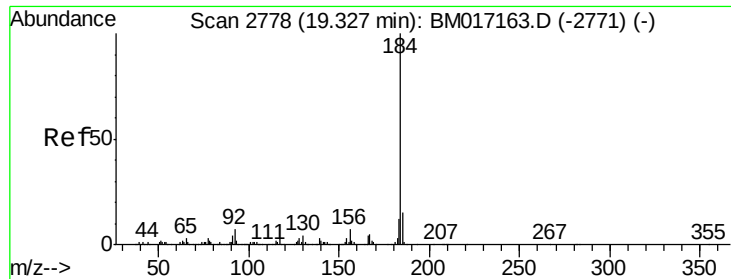
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.2	19.9	29.9

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.003 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

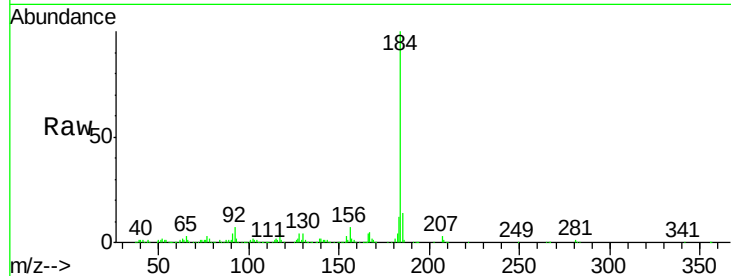
ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	677635		
185	14.0		11.8	17.8
183	11.5		9.7	14.5

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Sohil
10/19/2018 2:37:38 PM

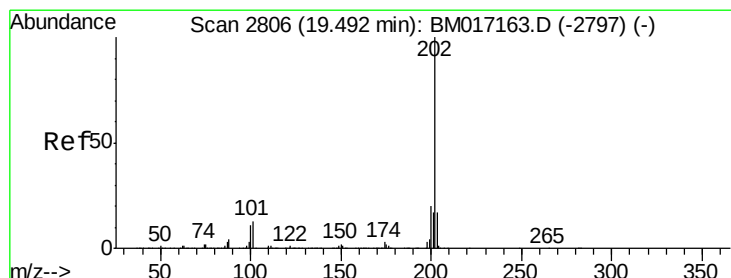
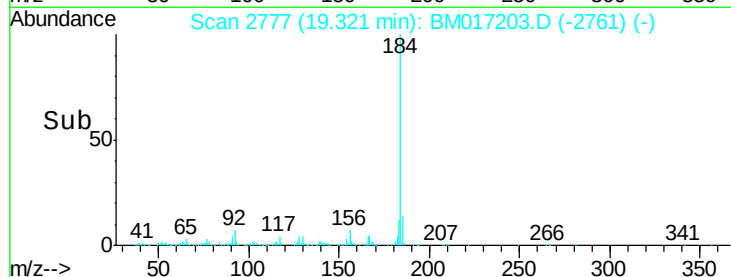
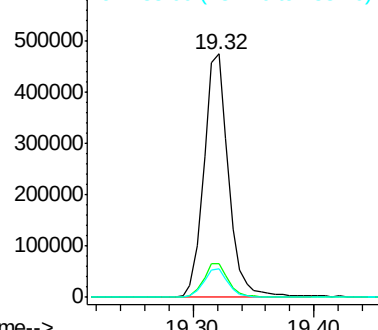


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 59.369 ng

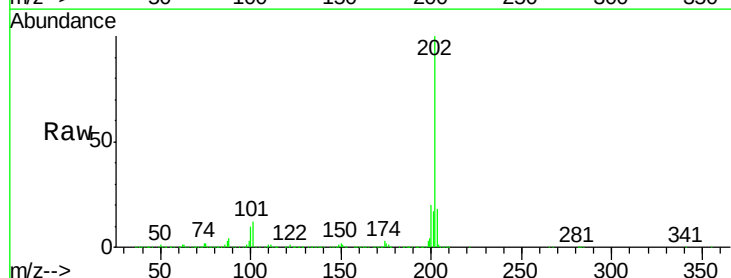
RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4666423		
200	20.5		16.3	24.5
203	17.5		13.9	20.9

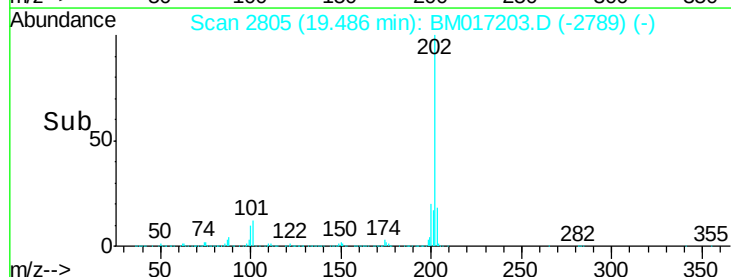
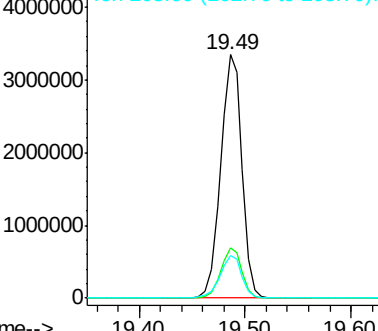


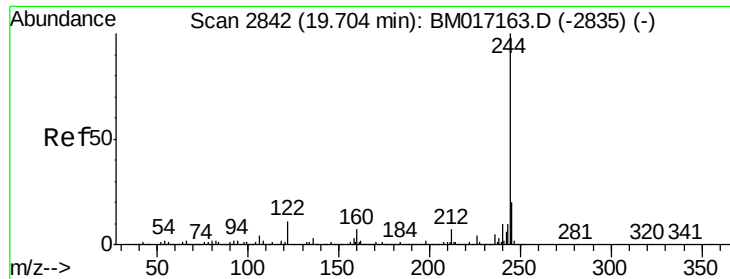
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





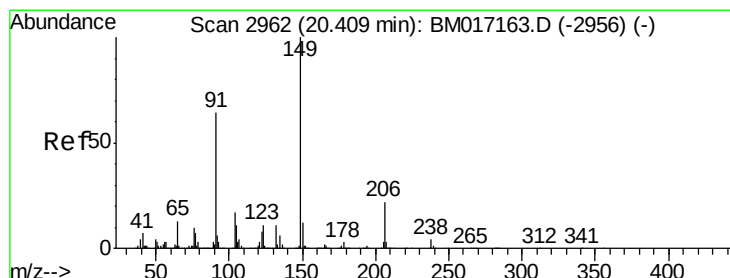
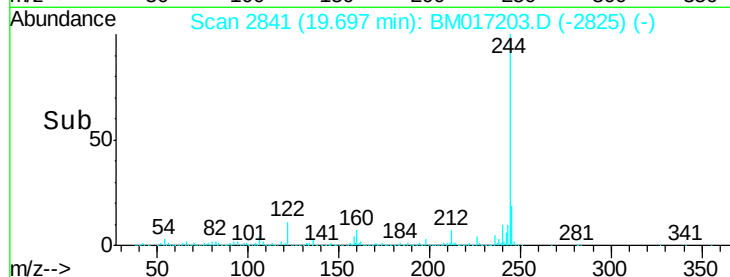
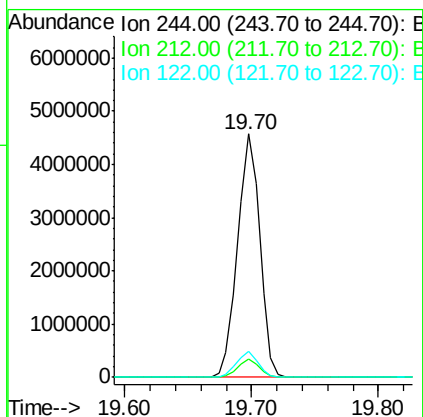
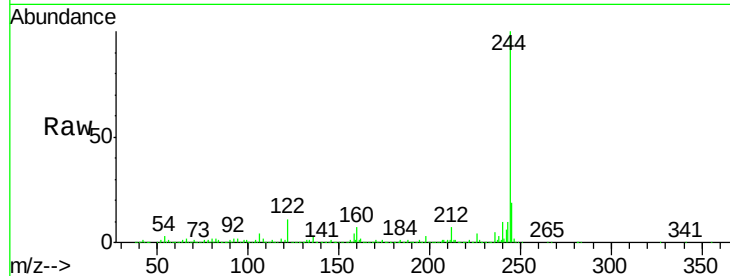
#79
 Terphenyl-d14
 Concen: 88.502 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion:244 Resp: 5521883
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.6 8.4 12.6

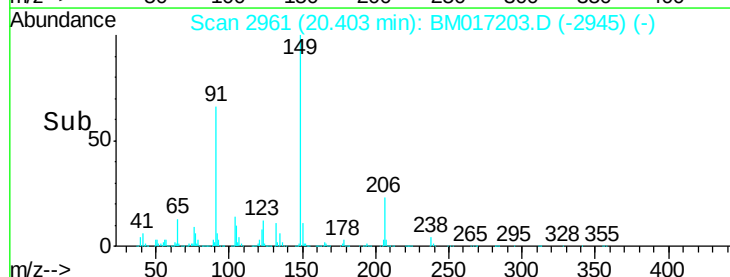
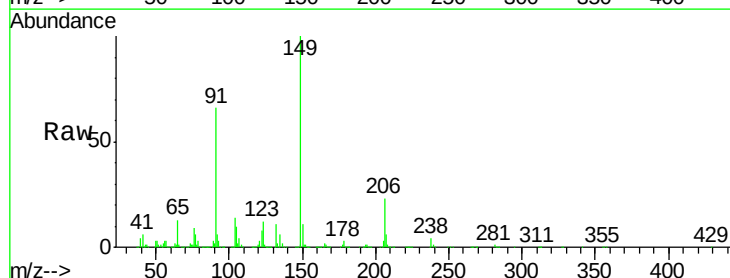
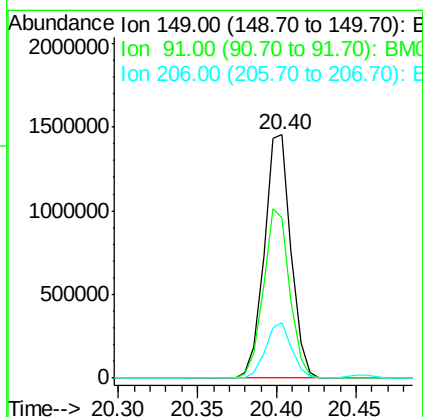
Manual Integrations
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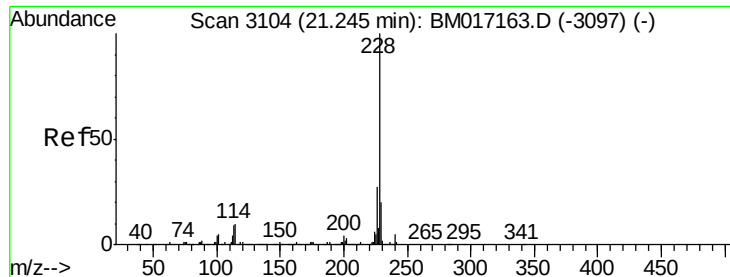
Sohil
 10/19/2018 2:37:38 PM



#80
 Butylbenzylphthalate
 Concen: 55.736 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion:149 Resp: 1707746
 Ion Ratio Lower Upper
 149 100
 91 65.7 51.3 76.9
 206 23.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 50.598 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

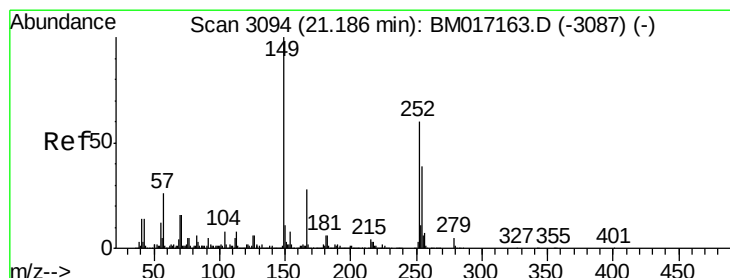
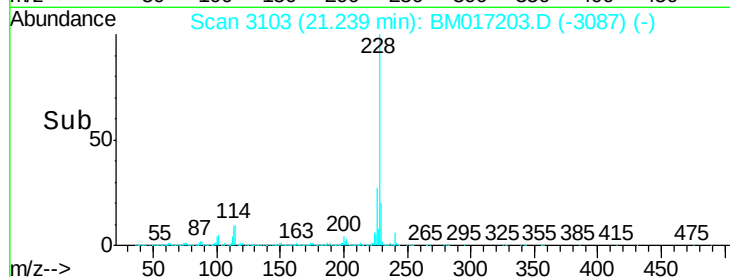
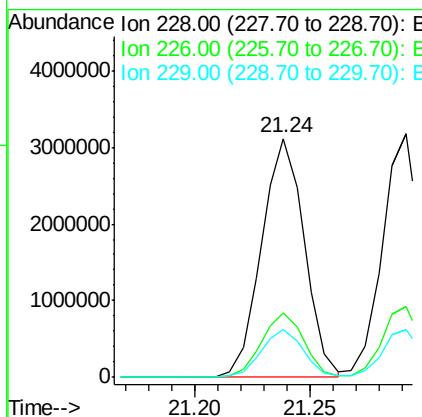
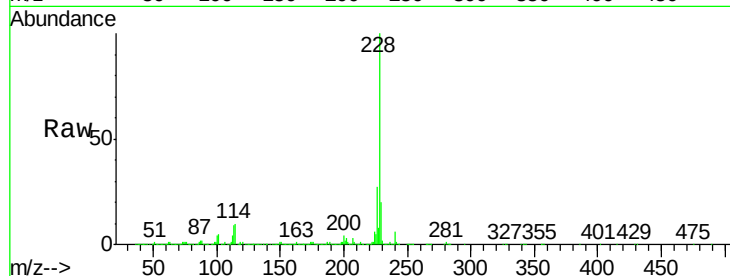
ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion:	228	Resp:	4004340
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.8	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 12.980 ng

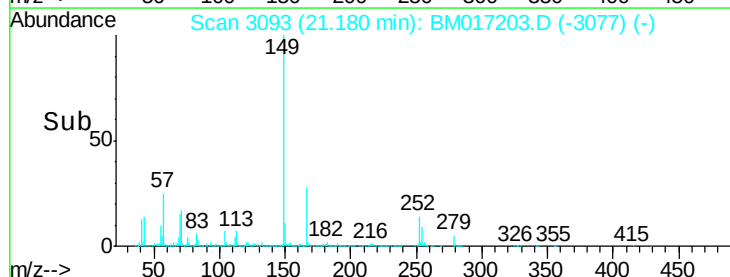
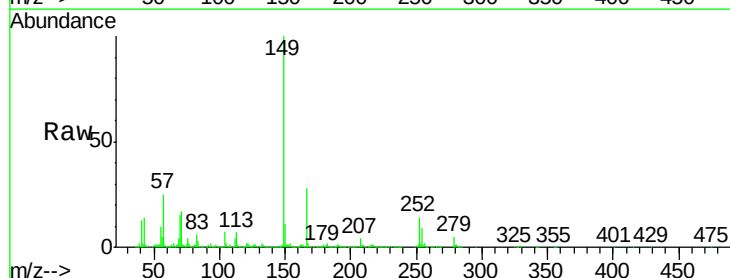
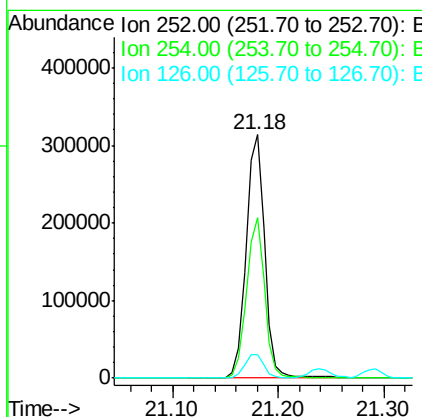
RT: 21.18 min Scan# 3093

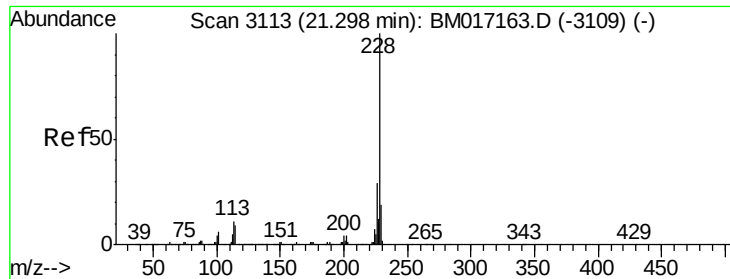
Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion:	252	Resp:	382855
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	9.8	8.6	12.8





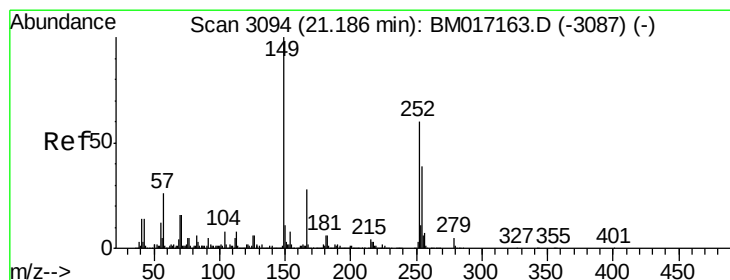
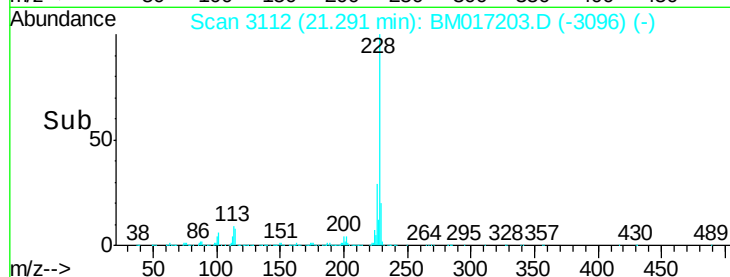
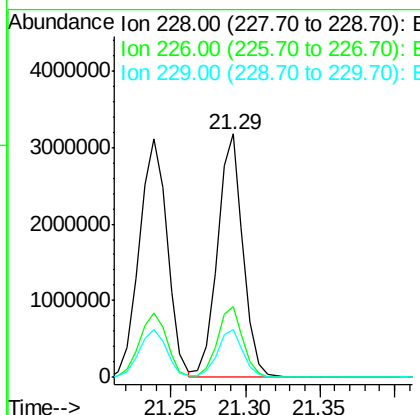
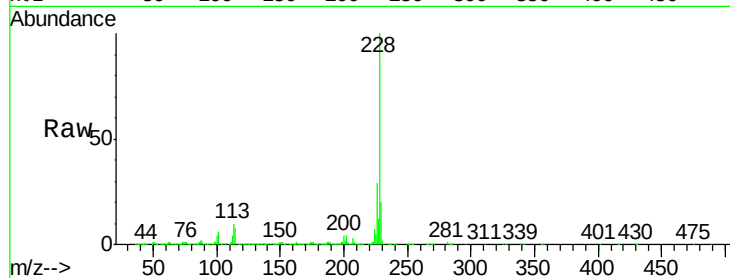
#83
Chrysene
 Concen: 48.220 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MS

Tgt Ion: 228 Resp: 3777233
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.3 34.9
 229 19.6 15.6 23.4

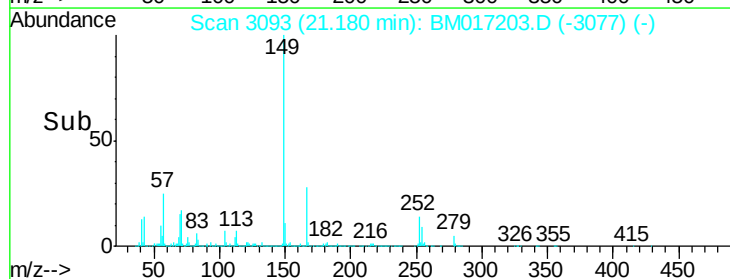
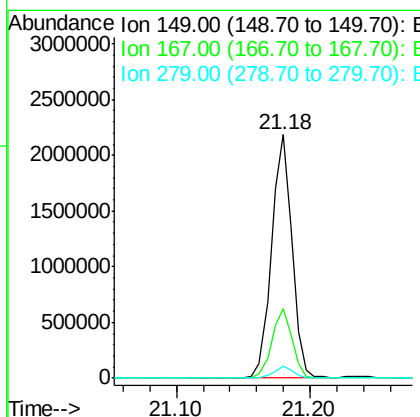
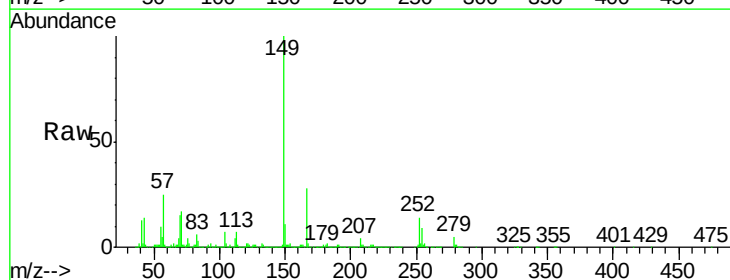
Manual Integrations
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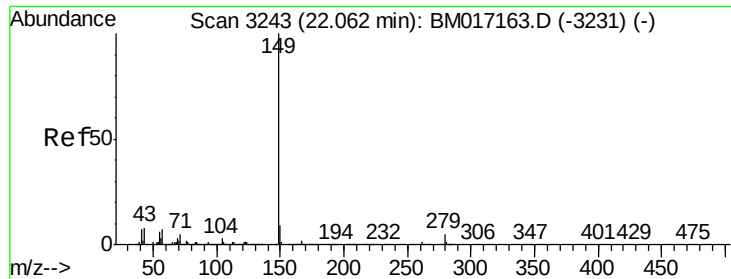
Sohil
 10/19/2018 2:37:38 PM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 50.775 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017203.D
 Acq: 18 Oct 2018 21:21

Tgt Ion: 149 Resp: 2339387
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.4
 279 4.7 3.6 5.4





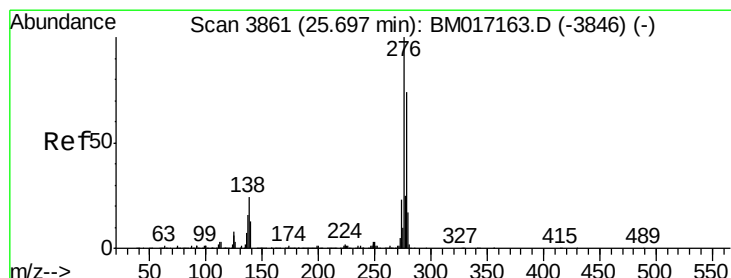
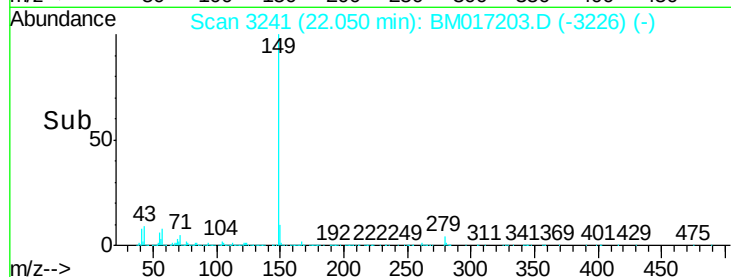
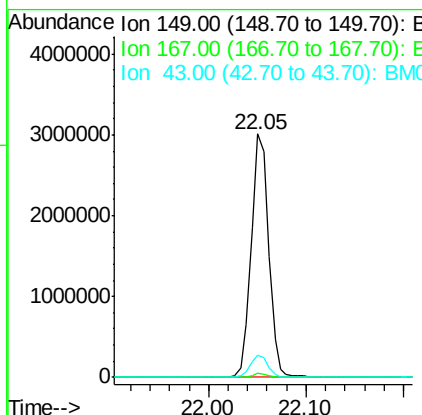
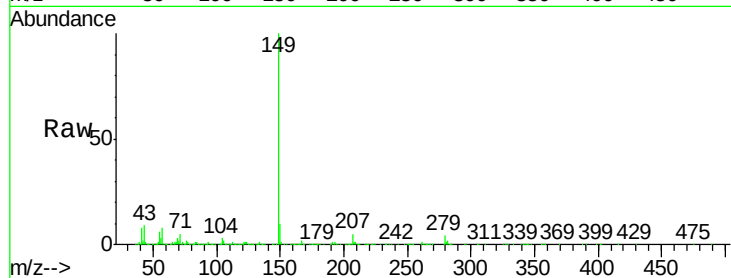
#85
Di-n-octyl phthalate
Concen: 48.247 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.2	10.8

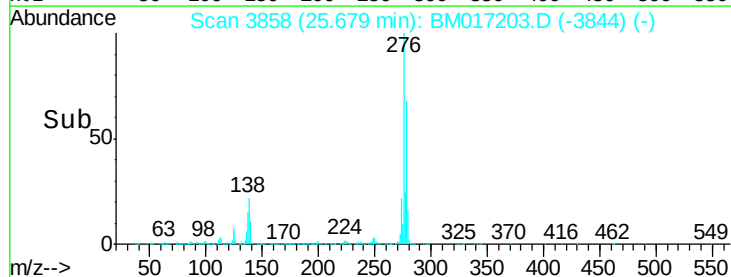
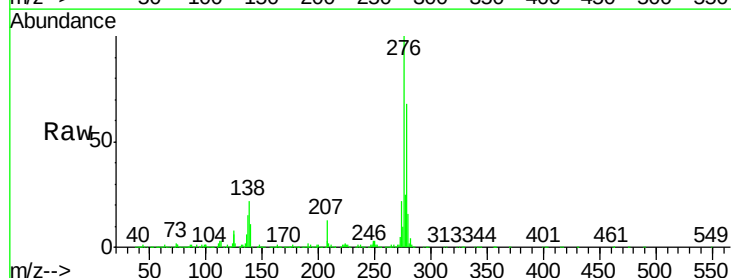
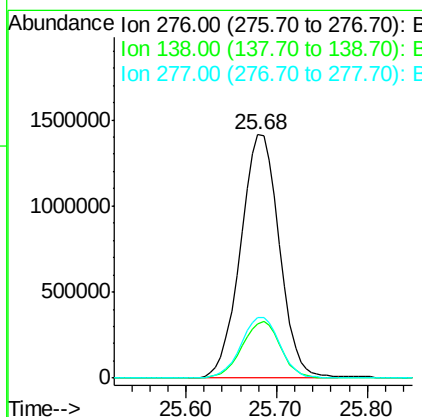
Manual Integrations
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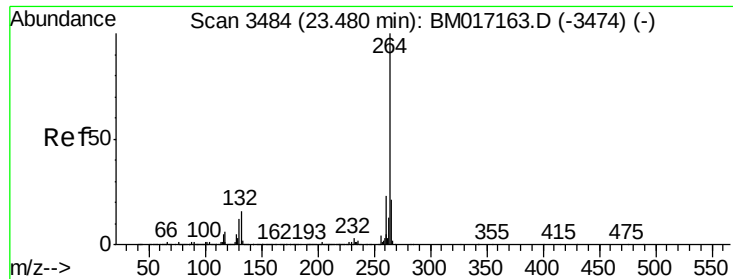
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.914 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	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: BM017203.D

Acq: 18 Oct 2018 21:21

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MS

Tgt Ion:264 Resp: 1298683

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

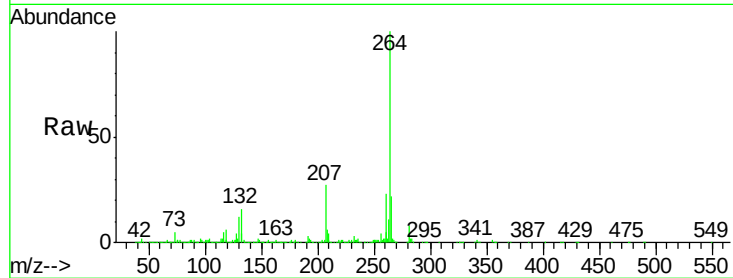
265 22.0 17.8 26.8

Manual Integrations

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Sohil

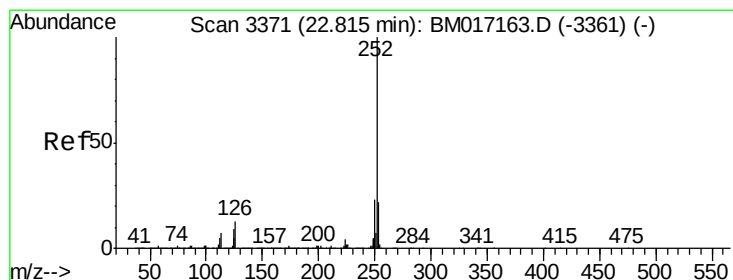
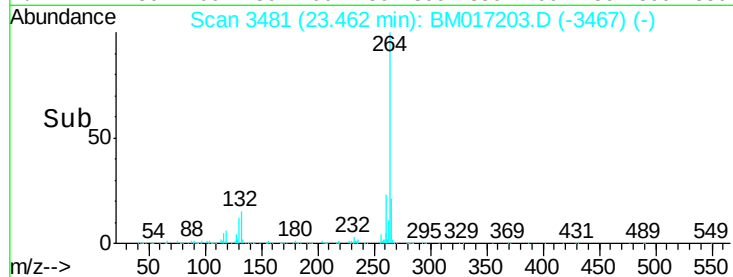
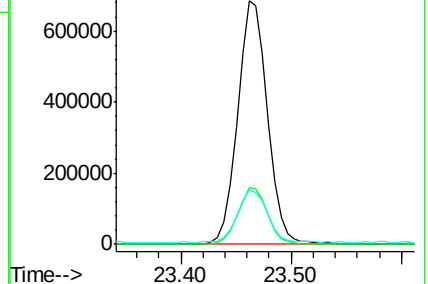
10/19/2018 2:37:38 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.222 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017203.D

Acq: 18 Oct 2018 21:21

Tgt Ion:252 Resp: 3707924

Ion Ratio Lower Upper

252 100

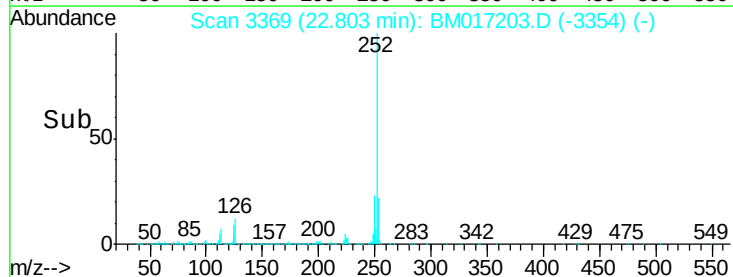
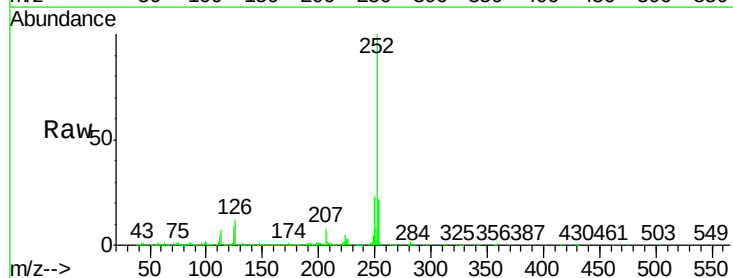
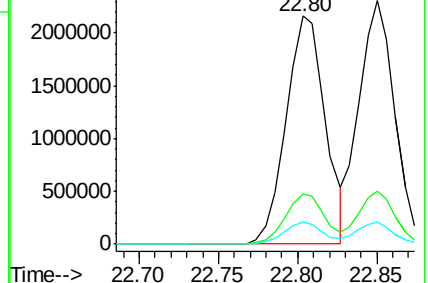
253 21.9 17.4 26.2

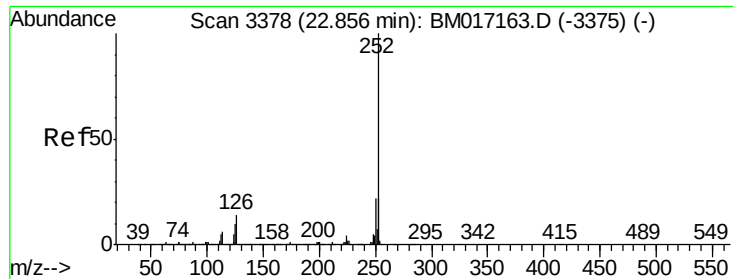
125 9.5 7.5 11.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





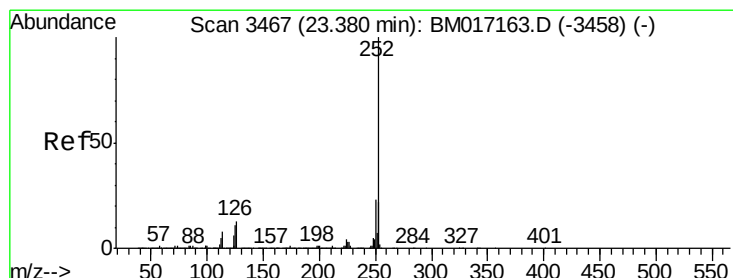
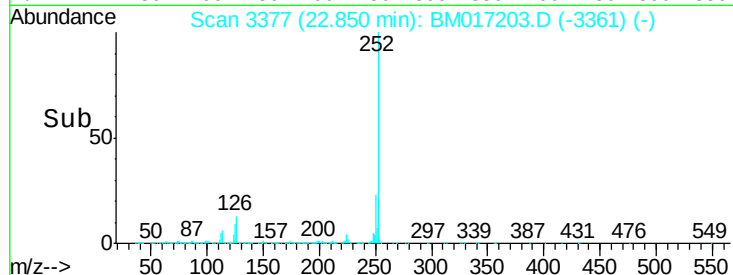
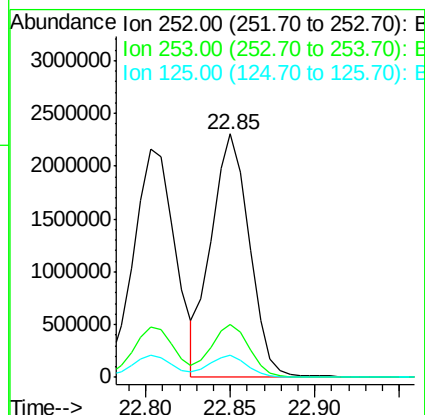
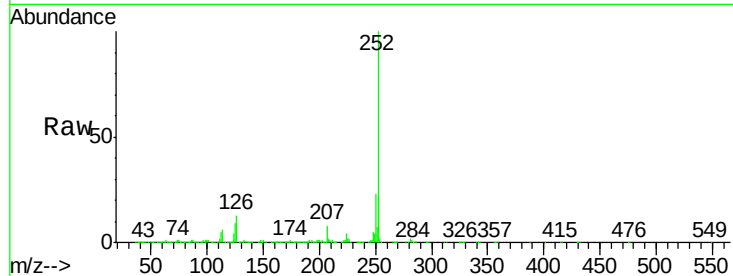
#89
Benzo(k)fluoranthene
Concen: 50.671 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

Tgt Ion:252 Resp: 3610147
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.0 8.2 12.2

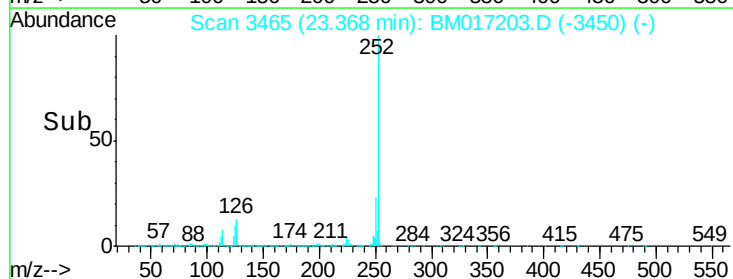
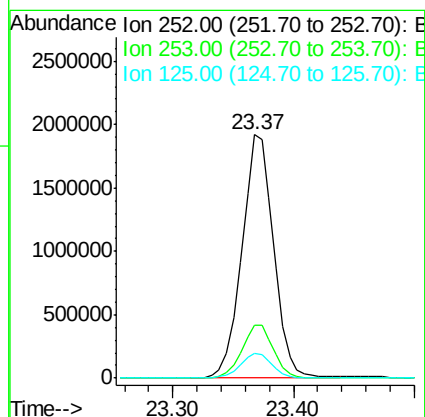
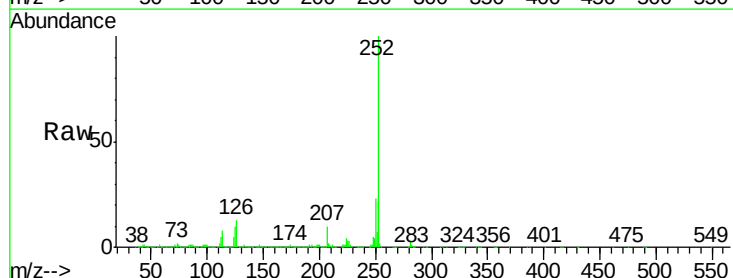
Manual Integrations
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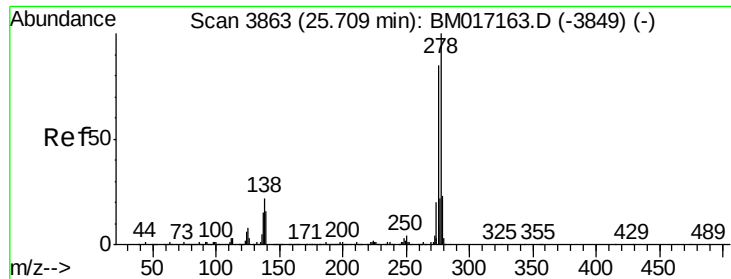
Sohil
10/19/2018 2:37:38 PM



#90
Benzo(a)pyrene
Concen: 52.113 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion:252 Resp: 3513214
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.3 8.6 13.0





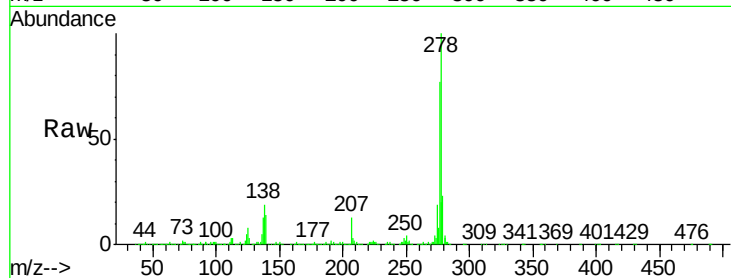
#91
Dibenzo(a,h)anthracene
Concen: 52.856 ng
RT: 25.70 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MS

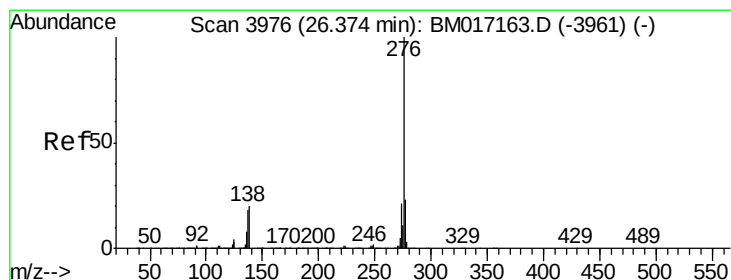
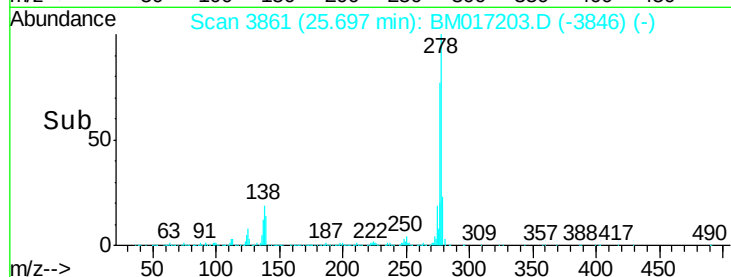
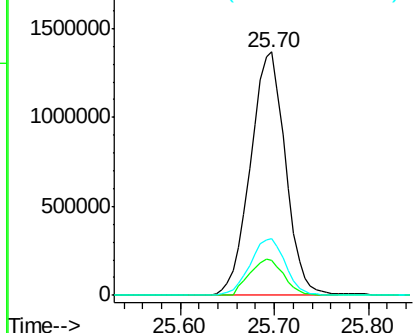
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.7	19.1
279	23.2	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/19/2018 2:37:38 PM

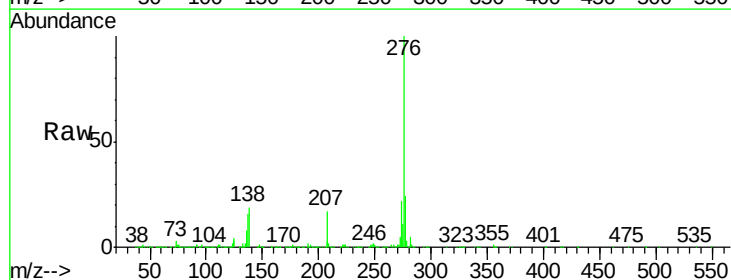


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.941 ng
RT: 26.36 min Scan# 3974
Delta R.T. -0.01 min
Lab File: BM017203.D
Acq: 18 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	19.5	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

