

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017231.D
 Acq On : 19 Oct 2018 15:50
 Operator : MJ/SJ
 Sample : PB113600BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BSD

Manual Integrations
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Sohil
 10/22/2018 1:09:17 PM

Quant Time: Oct 20 04:10:51 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	299437	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1305384	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	748510	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1543305	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1259598	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1020203	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2541583	143.56	ng	0.00
7) Phenol-d6	6.86	99	3326196	137.95	ng	0.00
23) Nitrobenzene-d5	8.82	82	1839276	82.41	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1305294	128.95	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4591049	81.61	ng	0.00
79) Terphenyl-d14	19.70	244	4182587	74.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	271874	30.073	ng	# 86
3) Pyridine	3.65	79	778693	37.435	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	371177	44.449	ng	# 67
6) Aniline	7.01	93	1161577	38.515	ng	97
8) 2-Chlorophenol	7.24	128	921277	44.981	ng	97
9) Benzaldehyde	6.82	77	409656	26.646	ng	93
10) Phenol	6.88	94	1128122	43.472	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	810685	39.188	ng	98
12) 1,3-Dichlorobenzene	7.56	146	954037	39.958	ng	97
13) 1,4-Dichlorobenzene	7.70	146	972394	39.863	ng	98
14) 1,2-Dichlorobenzene	8.02	146	931273	39.624	ng	98
15) Benzyl Alcohol	7.92	79	805683	45.713	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1113929	38.543	ng	99
17) 2-Methylphenol	8.11	107	762924	45.803	ng	97
18) Hexachloroethane	8.73	117	348423	41.737	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	658058	41.448	ng	99
20) 3+4-Methylphenols	8.44	107	1026517	45.059	ng	97
22) Acetophenone	8.49	105	1342389	40.568	ng	99
24) Nitrobenzene	8.86	77	995254	42.155	ng	94
25) Isophorone	9.39	82	1749590	47.471	ng	98
26) 2-Nitrophenol	9.57	139	477730	43.802	ng	96
27) 2,4-Dimethylphenol	9.63	122	856914	52.581	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1134725	43.742	ng	99
29) 2,4-Dichlorophenol	10.10	162	892379	47.161	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	916195	40.362	ng	99
31) Naphthalene	10.49	128	2764065	43.208	ng	99
32) Benzoic acid	9.79	122	529887	43.577	ng	94
33) 4-Chloroaniline	10.61	127	557043	20.162	ng	96
34) Hexachlorobutadiene	10.77	225	564545	39.252	ng	99
35) Caprolactam	11.41	113	242625m	35.184	ng	
36) 4-Chloro-3-methylphenol	11.74	107	935968	43.882	ng	96
37) 2-Methylnaphthalene	12.11	142	2065795	47.190	ng	98
38) 1-Methylnaphthalene	12.33	142	1968103	46.193	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1096998	41.616	ng	98

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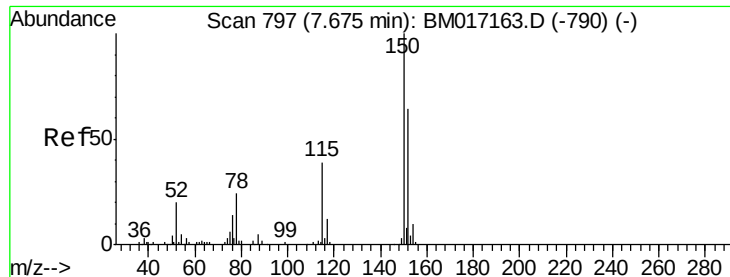
Manual Integrations
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Quant Time: Oct 20 04:10:51 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1594405	125.117	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	718919	46.982	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	761214	46.390	ng	97
46) 1,1'-Biphenyl	13.14	154	2678631	39.767	ng	99
47) 2-Chloronaphthalene	13.17	162	2039168	41.151	ng	98
48) 2-Nitroaniline	13.39	65	573443	41.795	ng	96
49) Acenaphthylene	14.03	152	3263333	45.433	ng	100
50) Dimethylphthalate	13.78	163	2415566	41.829	ng	100
51) 2,6-Dinitrotoluene	13.90	165	534080	42.020	ng	97
52) Acenaphthene	14.37	154	1895639	42.033	ng	98
53) 3-Nitroaniline	14.23	138	350768	25.481	ng	96
54) 2,4-Dinitrophenol	14.43	184	553267	74.797	ng	96
55) Dibenzofuran	14.71	168	3016708	40.224	ng	99
56) 4-Nitrophenol	14.54	139	885329	71.124	ng	93
57) 2,4-Dinitrotoluene	14.69	165	720285	42.164	ng	# 97
58) Fluorene	15.36	166	2406478	43.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	663383	44.352	ng	97
60) Diethylphthalate	15.15	149	2388639	41.709	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1249633	39.487	ng	98
62) 4-Nitroaniline	15.40	138	520004	35.251	ng	96
63) Azobenzene	15.66	77	2315934	41.605	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	392179	40.802	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2093755	44.841	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	774133	45.683	ng	94
68) Hexachlorobenzene	16.36	284	827475	42.038	ng	98
69) Atrazine	16.54	200	719492	43.054	ng	99
70) Pentachlorophenol	16.71	266	953447	70.709	ng	99
71) Phenanthrene	17.10	178	3593334	43.155	ng	100
72) Anthracene	17.19	178	3669600	46.381	ng	99
73) Carbazole	17.47	167	3104028	38.407	ng	100
74) Di-n-butylphthalate	18.04	149	3623179	42.505	ng	99
75) Fluoranthene	19.12	202	3764222	40.175	ng	99
77) Benzidine	19.32	184	1739190	54.453	ng	99
78) Pyrene	19.49	202	3746029	53.211	ng	100
80) Butylbenzylphthalate	20.40	149	1339639	49.707	ng	95
81) Benzo(a)anthracene	21.24	228	3169408	44.713	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	708669	26.825	ng	98
83) Chrysene	21.29	228	2974034	42.390	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1812020	44.628	ng	98
85) Di-n-octyl phthalate	22.05	149	2785421	41.029	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	2669789	34.022	ng	99
88) Benzo(b)fluoranthene	22.80	252	2656796	47.631	ng	100
89) Benzo(k)fluoranthene	22.84	252	2659601	47.519	ng	99
90) Benzo(a)pyrene	23.37	252	2468663	46.614	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2268388	43.136	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2212343	42.447	ng	98

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



#1

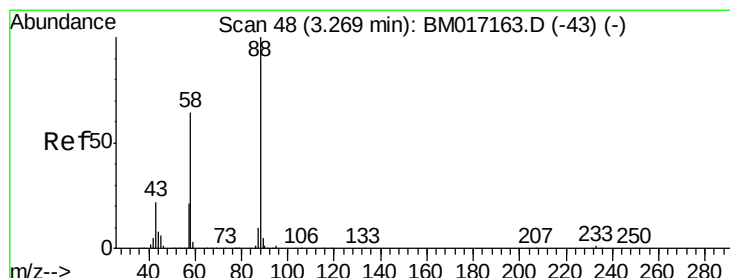
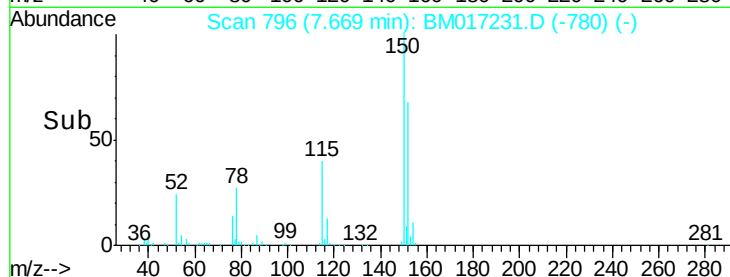
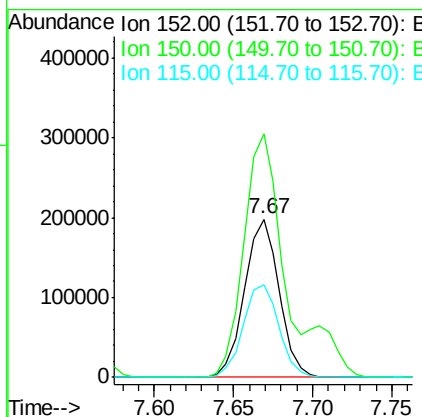
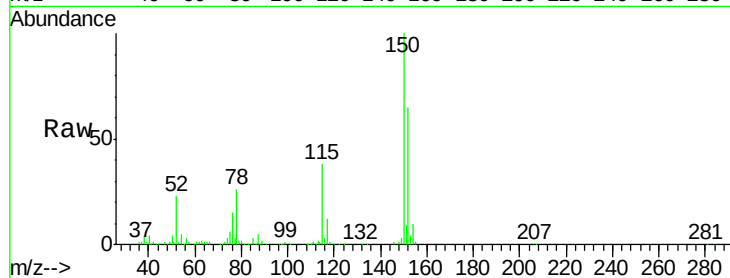
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.3	186.5
115	58.7	48.1	72.1

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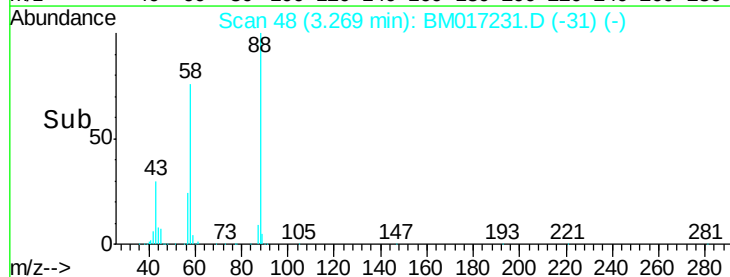
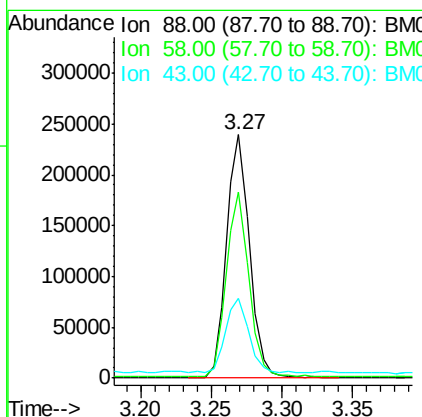
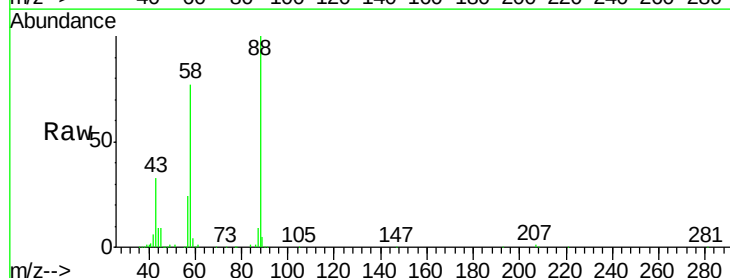
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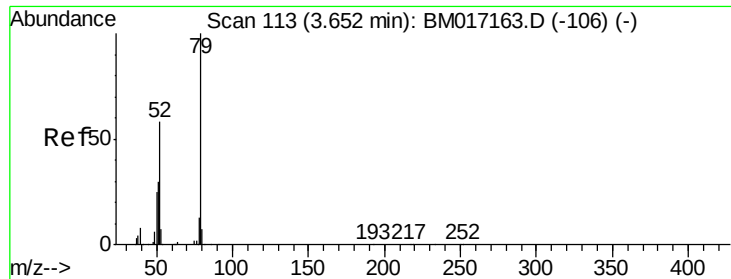


#2

1,4-Dioxane
Concen: 30.073 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	50.2	75.4
43	30.4	19.3	28.9





#3

Pyridine

Concen: 37.435 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

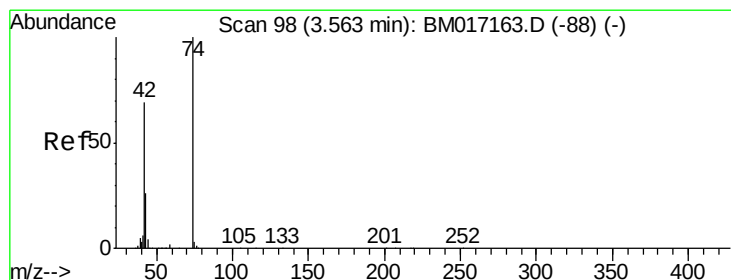
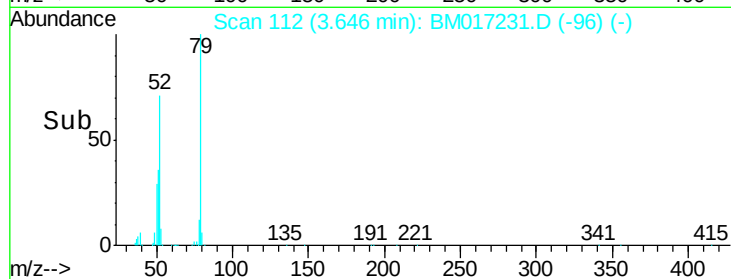
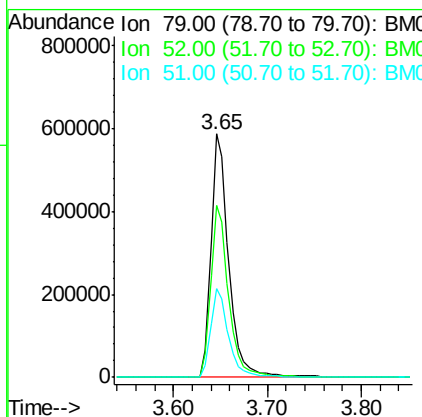
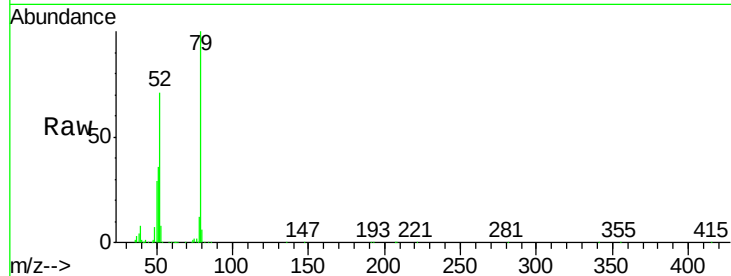
ClientSampleId :

PB113600BSD

Tgt Ion:	79	Resp:	778693
Ion Ratio	Lower	Upper	
79	100		
52	70.8	46.5	69.7#
51	36.4	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 44.449 ng

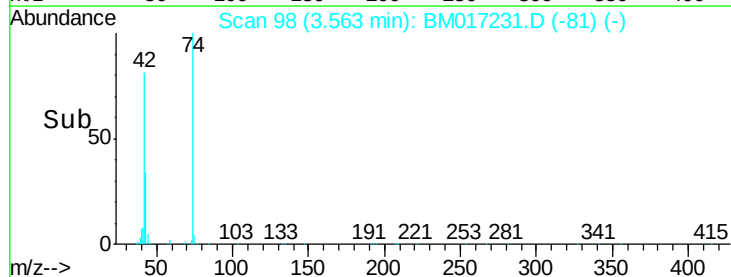
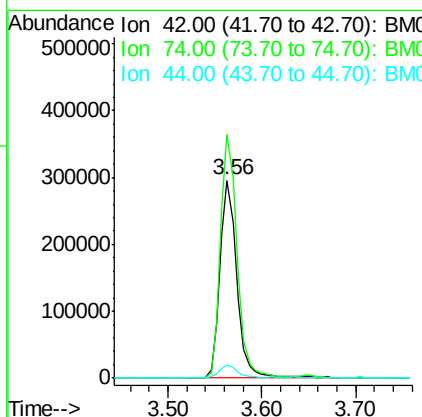
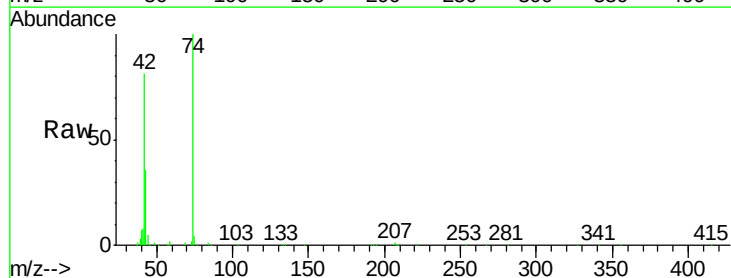
RT: 3.56 min Scan# 98

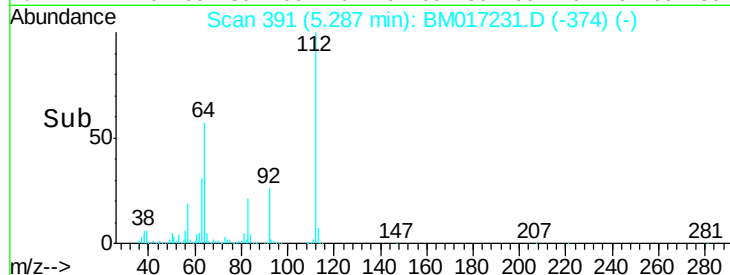
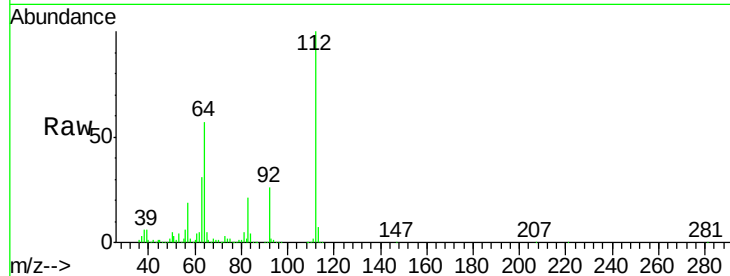
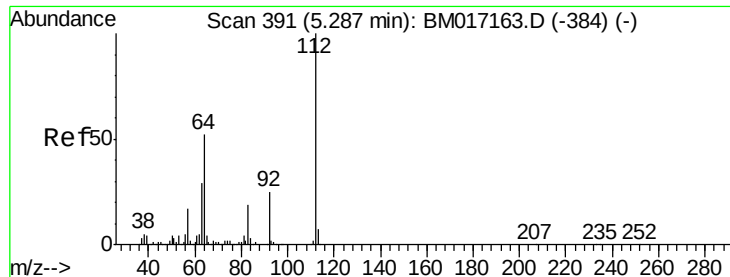
Delta R.T. -0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	42	Resp:	371177
Ion Ratio	Lower	Upper	
42	100		
74	123.2	114.4	171.6
44	6.5	48.6	73.0#





#5

2-Fluorophenol

Concen: 143.558 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	112	Resp:	2541583
Ion	Ratio	Lower	Upper
112	100		
64	57.5	41.7	62.5
63	31.4	23.0	34.4

Instrument :

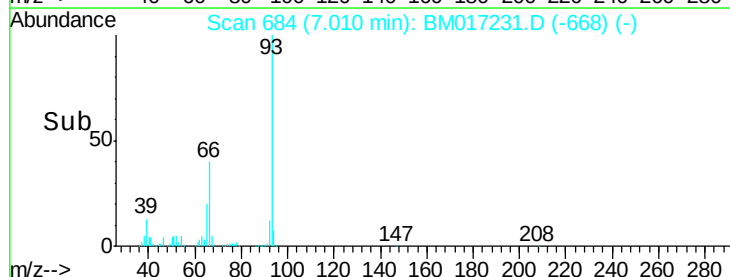
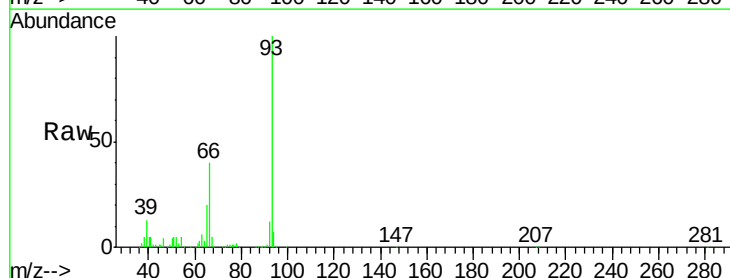
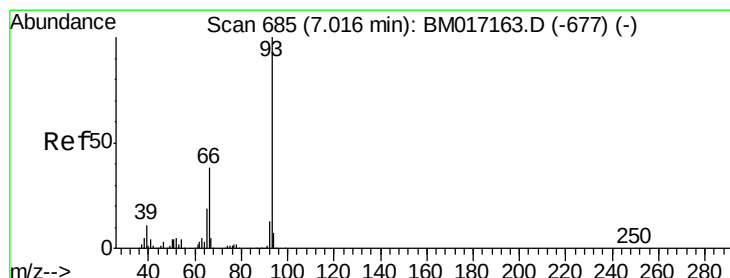
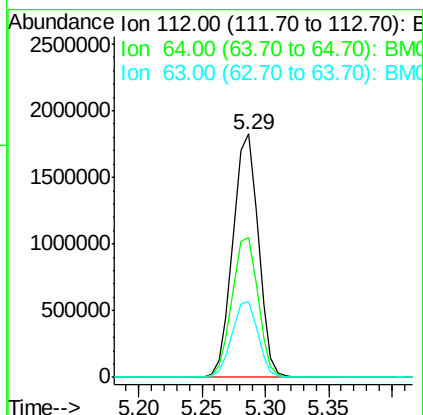
BNA_M

ClientSampleId :

PB113600BSD

Manual Integrations
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#6

Aniline

Concen: 38.515 ng

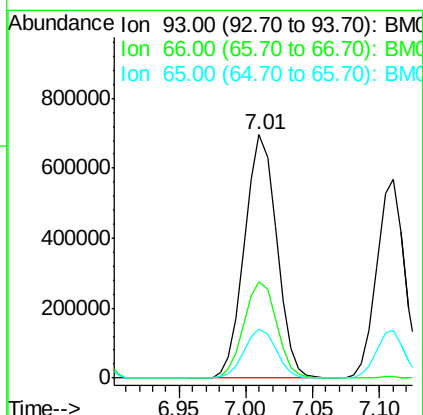
RT: 7.01 min Scan# 684

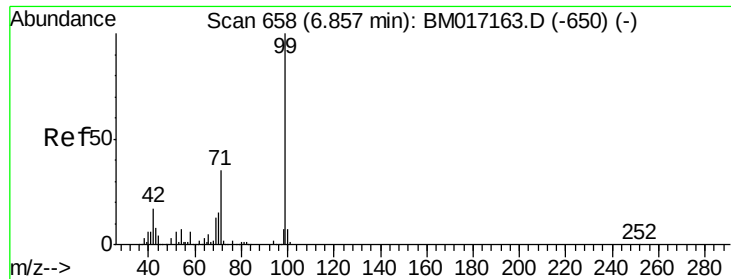
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	93	Resp:	1161577
Ion	Ratio	Lower	Upper
93	100		
66	39.8	30.4	45.6
65	20.0	15.3	22.9





#7

Phenol-d6

Concen: 137.947 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

PB113600BSD

Tgt Ion: 99 Resp: 3326196

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

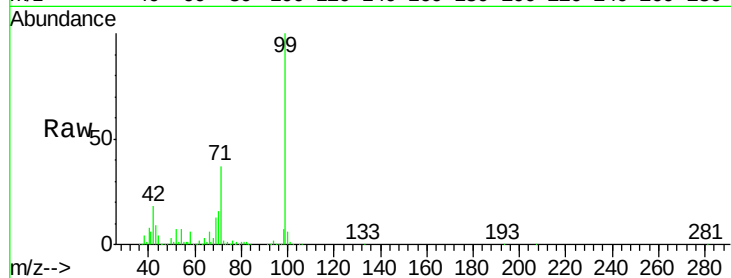
71 37.0 28.0 42.0

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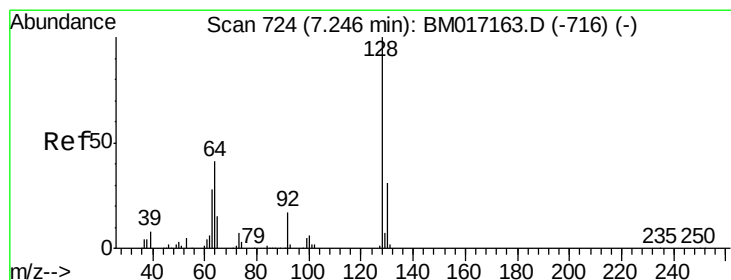
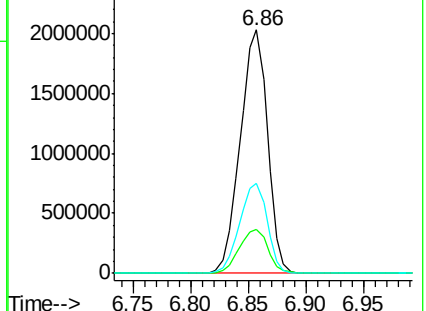
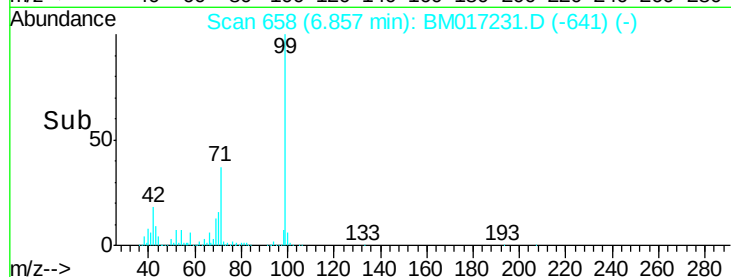
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Abundance Ion 99.00 (98.70 to 99.70): BM017231.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017231.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017231.D (-641) (-)



#8

2-Chlorophenol

Concen: 44.981 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

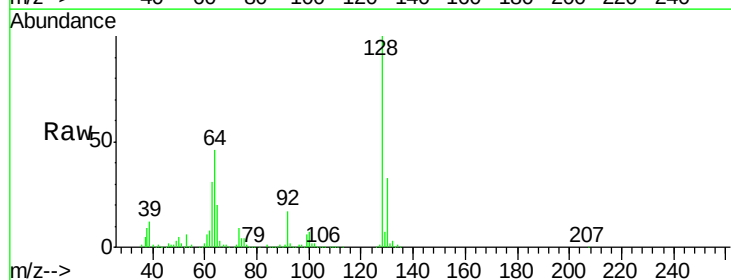
Tgt Ion: 128 Resp: 921277

Ion Ratio Lower Upper

128 100

130 32.6 11.0 51.0

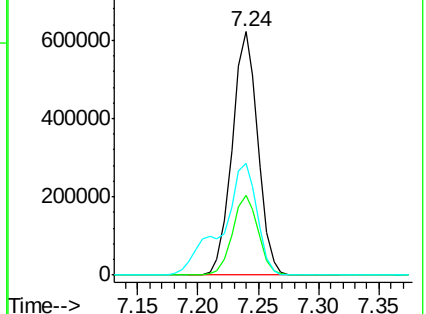
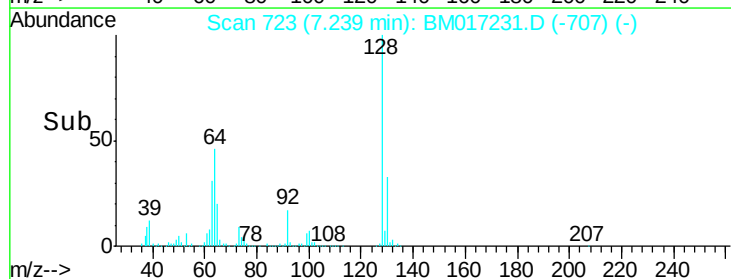
64 45.9 24.1 64.1

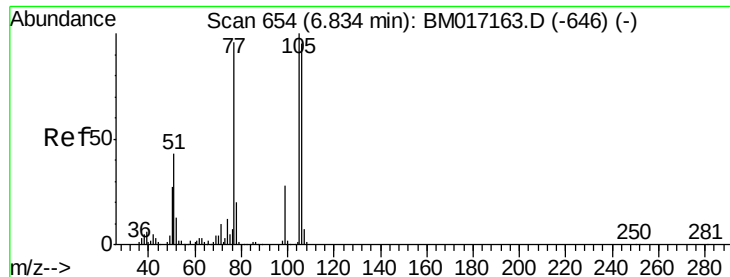


Abundance Ion 128.00 (127.70 to 128.70): BM017231.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017231.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017231.D (-707) (-)





#9

Benzaldehyde

Concen: 26.646 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

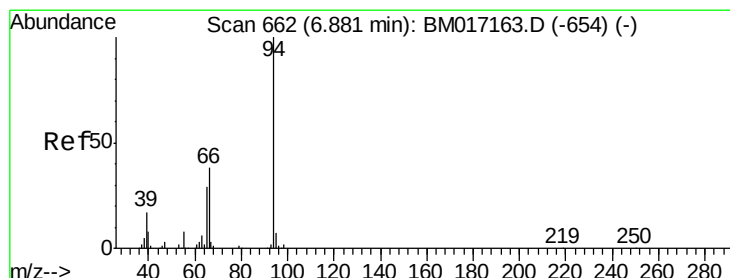
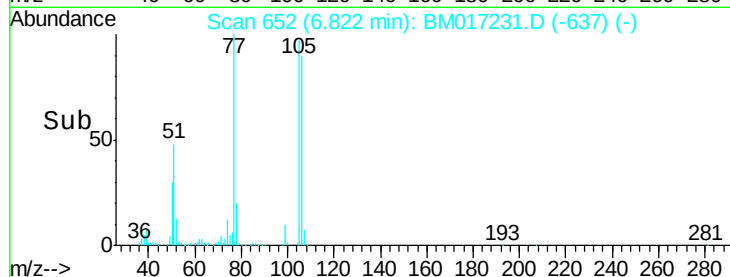
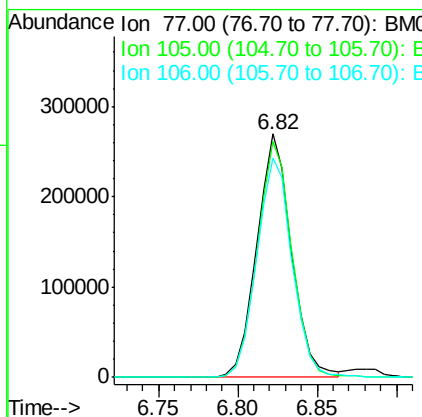
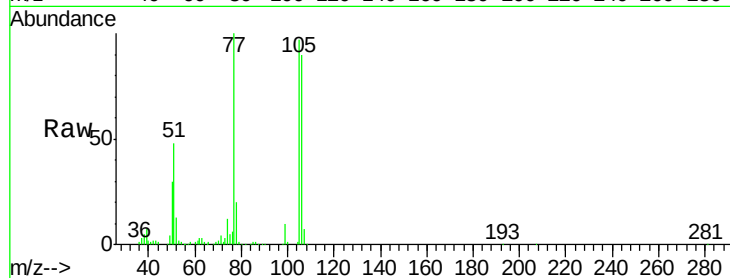
ClientSampleId :

PB113600BSD

Tgt Ion:	77	Resp:	409656
Ion	Ratio	Lower	Upper
77	100		
105	96.9	83.9	123.9
106	90.2	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 43.472 ng

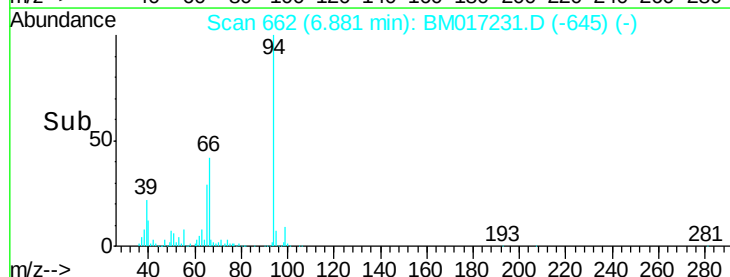
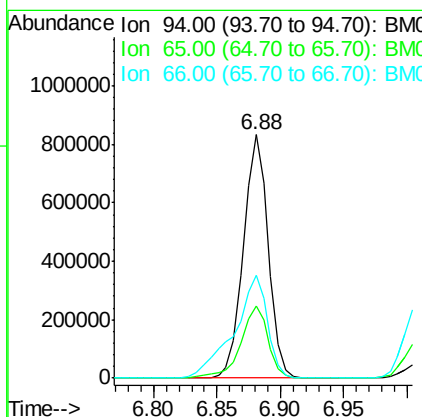
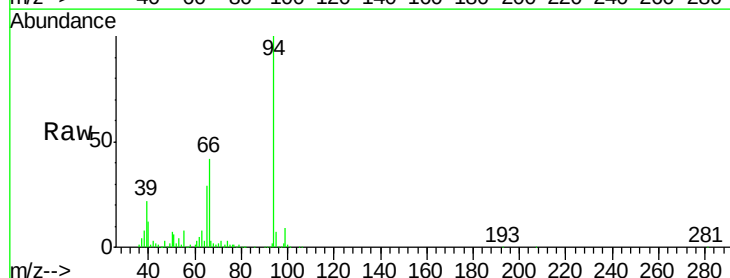
RT: 6.88 min Scan# 662

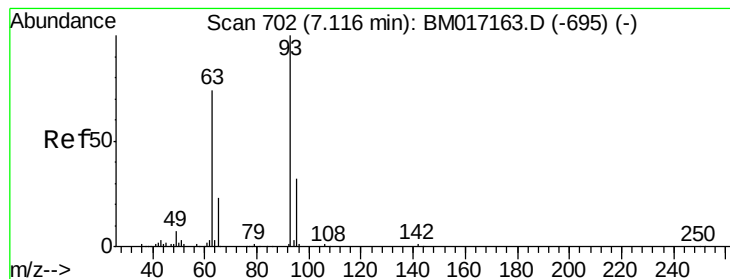
Delta R.T. -0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	94	Resp:	1128122
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.4	49.4
66	42.1	19.0	59.0





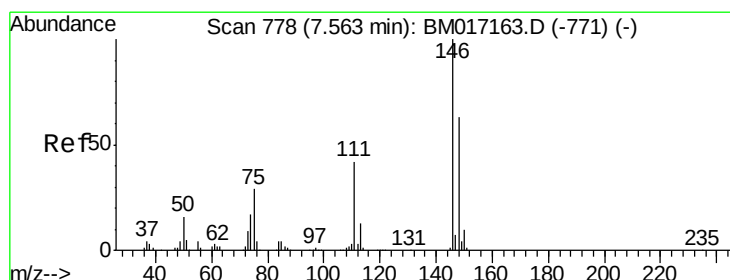
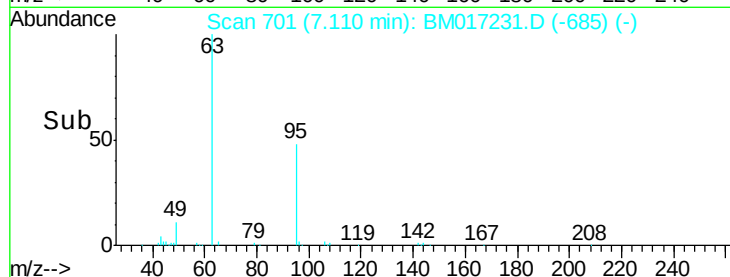
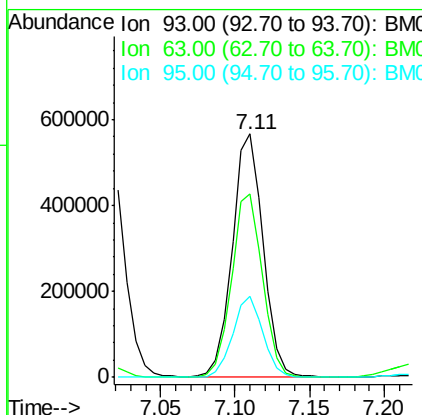
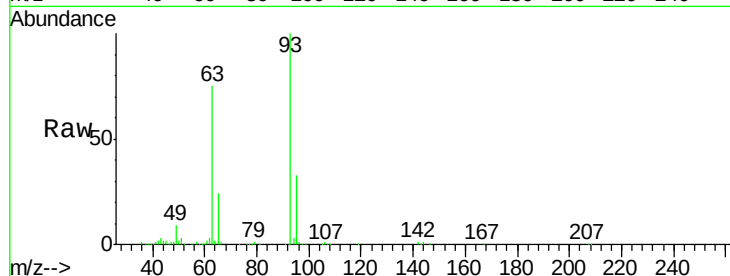
#11
bis(2-Chloroethyl)ether
Concen: 39.188 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	810685		
63	75.1	54.0	94.0	
95	33.0	11.8	51.8	

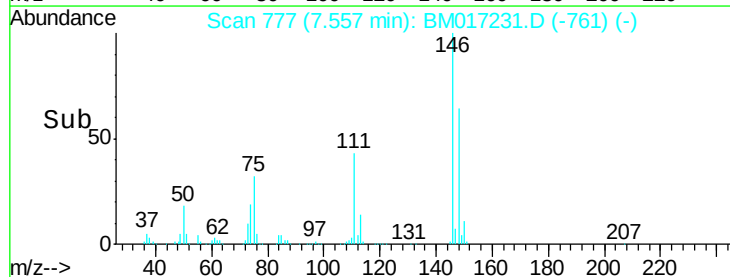
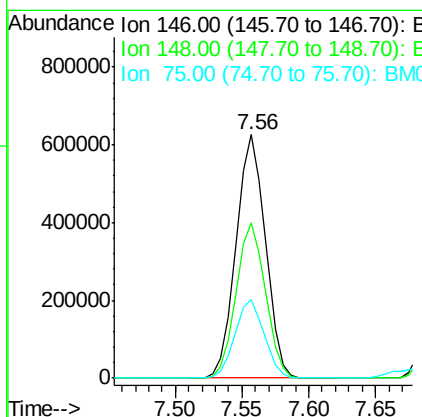
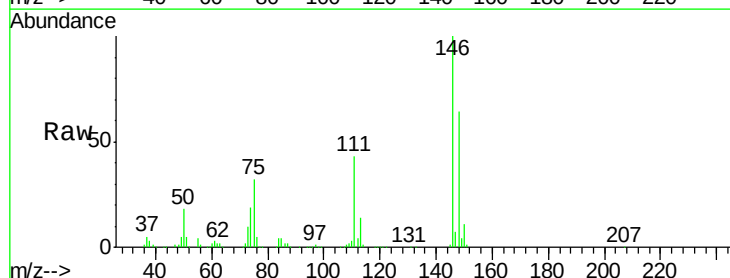
Manual Integrations
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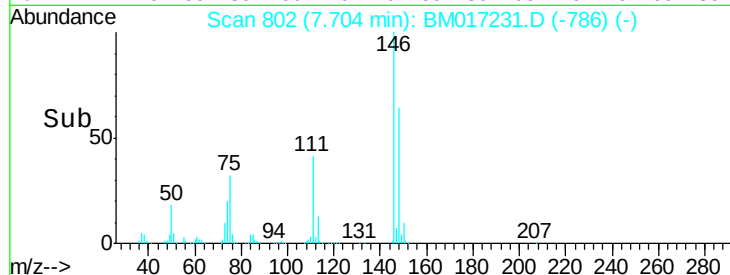
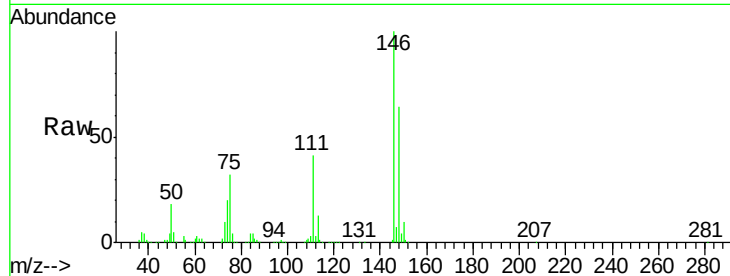
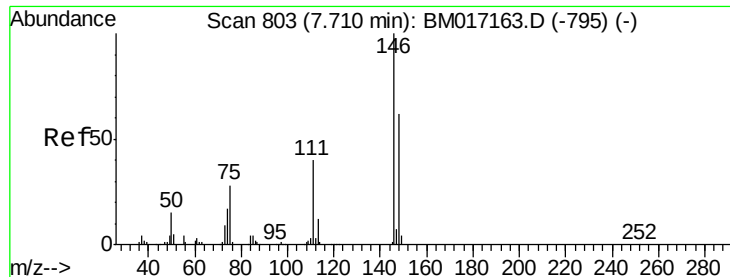
Sohil
10/22/2018 1:09:17 PM



#12
1,3-Dichlorobenzene
Concen: 39.958 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	954037		
148	63.9	50.2	75.4	
75	32.2	23.3	34.9	





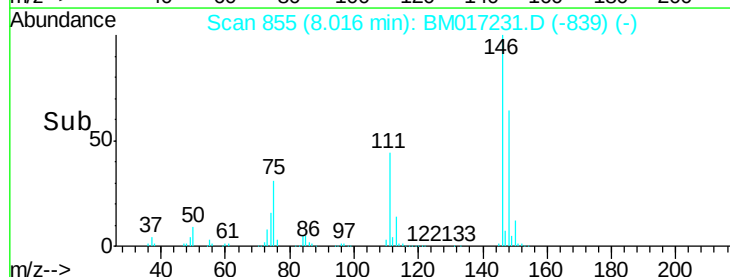
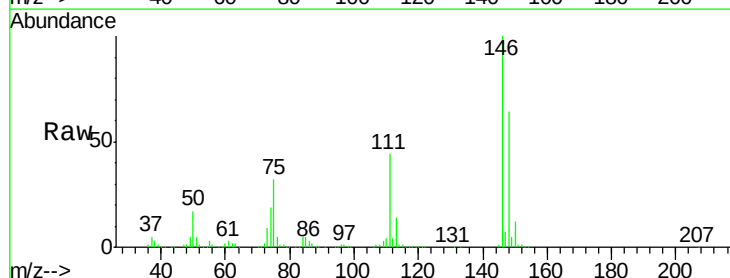
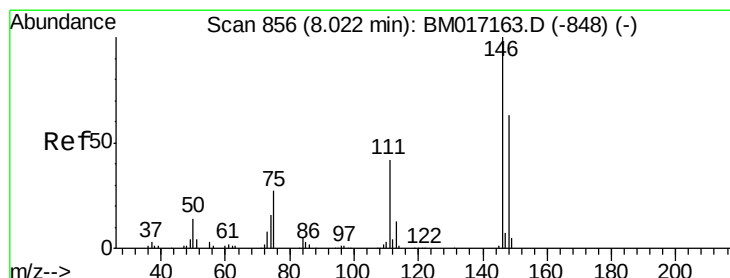
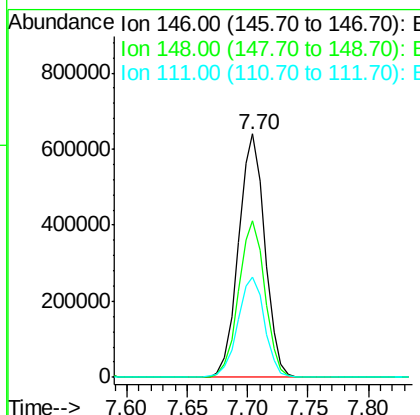
#13
1,4-Dichlorobenzene
Concen: 39.863 ng
RT: 7.70 min Scan# 802
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	972394		
148	64.4	49.8	74.6	
111	41.2	32.1	48.1	

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

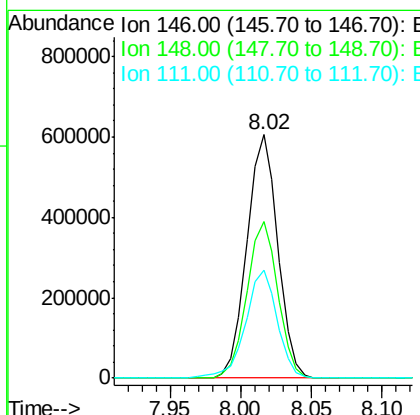
Manual Integrations
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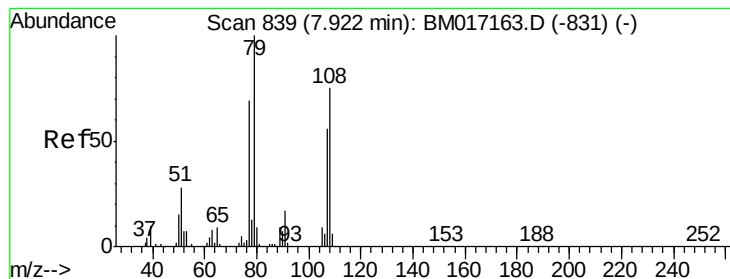
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.624 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	931273		
148	64.3	50.8	76.2	
111	44.1	33.8	50.6	





#15

Benzyl Alcohol

Concen: 45.713 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

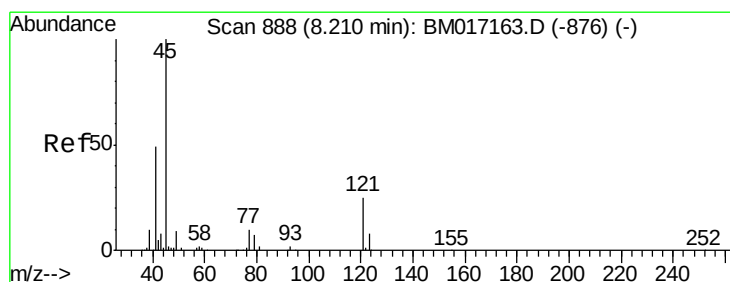
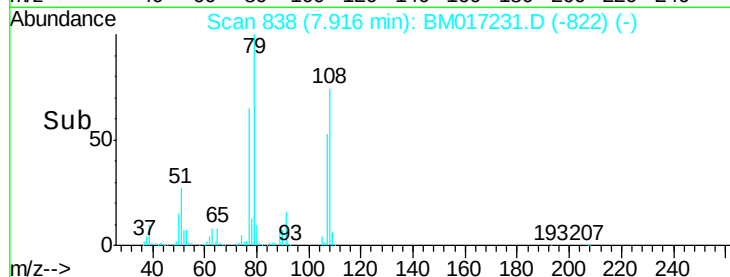
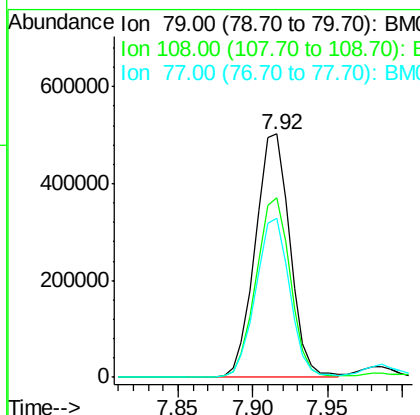
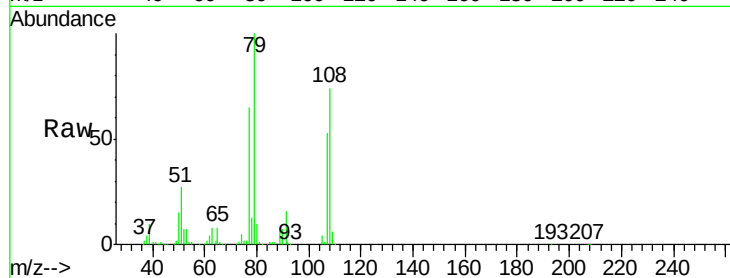
ClientSampleId :

PB113600BSD

Tgt Ion:	79	Resp:	805683
Ion Ratio	Lower	Upper	
79	100		
108	73.8	60.3	90.5
77	65.2	54.8	82.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.543 ng

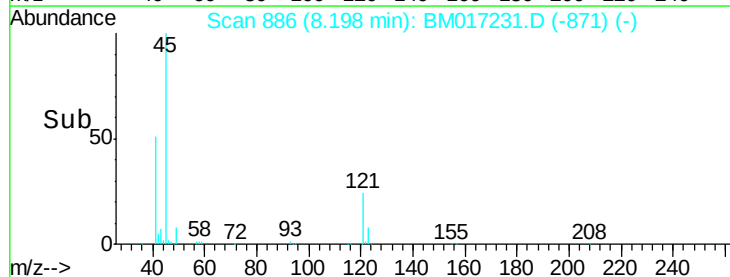
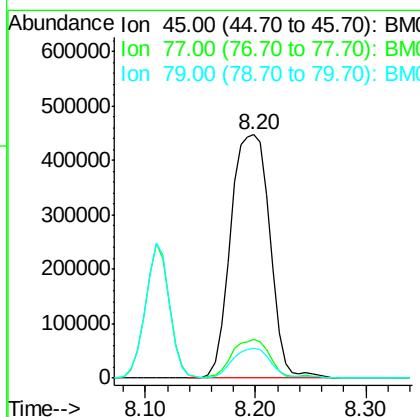
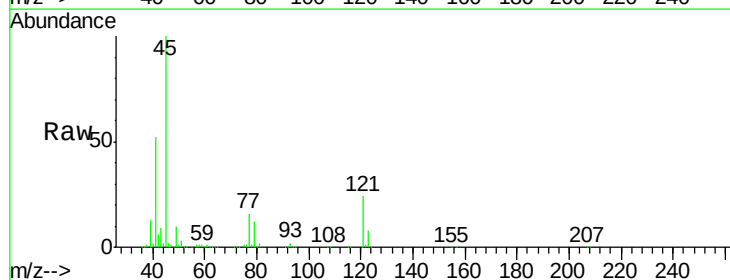
RT: 8.20 min Scan# 886

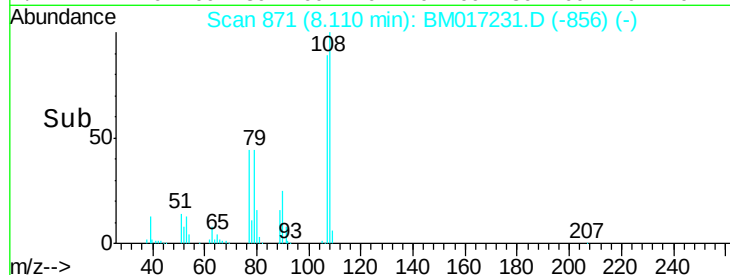
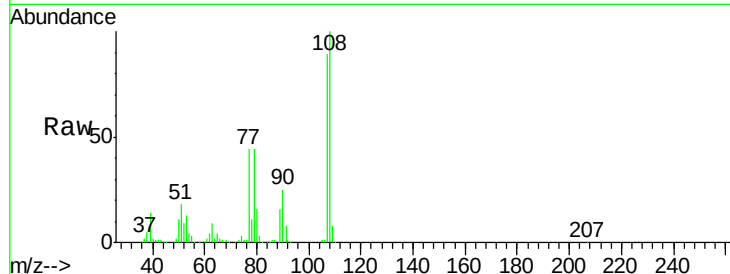
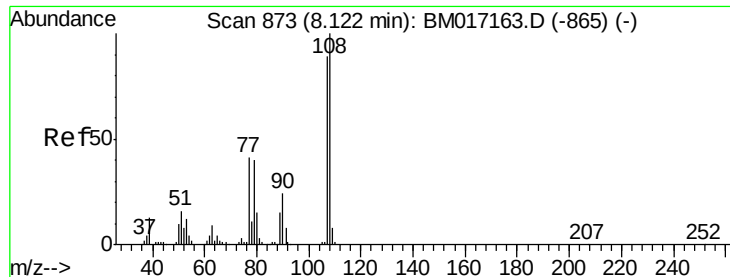
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	45	Resp:	1113929
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	35.5
79	12.1	0.0	32.1





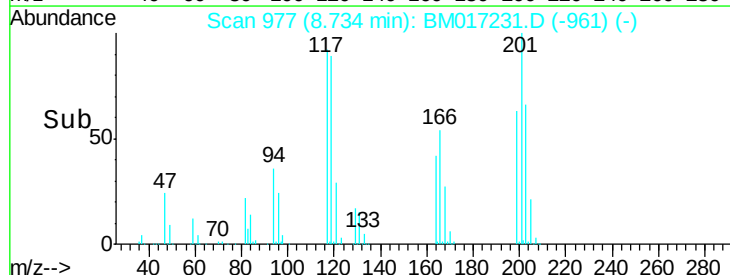
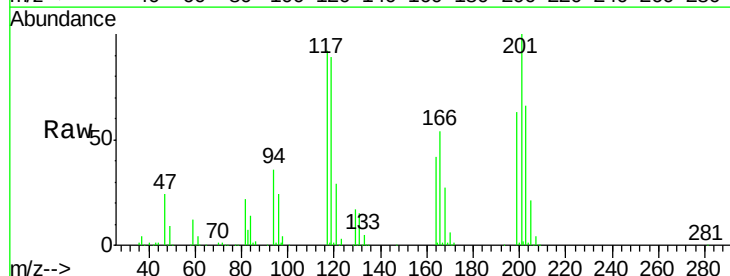
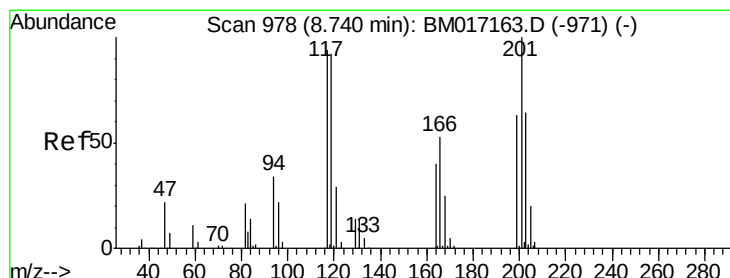
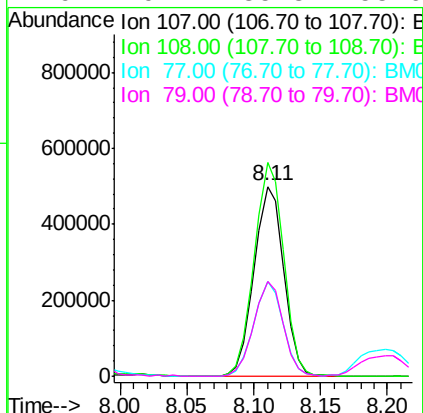
#17
2-Methylphenol
Concen: 45.803 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	762924		
108	112.8	90.3	135.5	
77	49.9	37.0	55.4	
79	49.7	35.8	53.6	

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

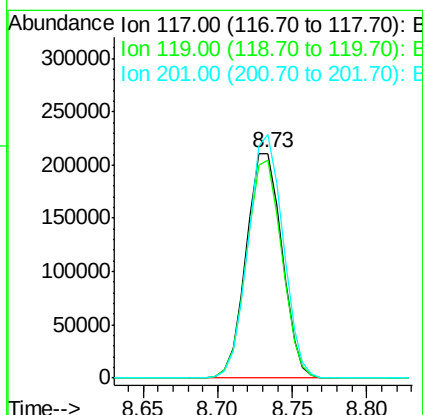
Manual Integrations
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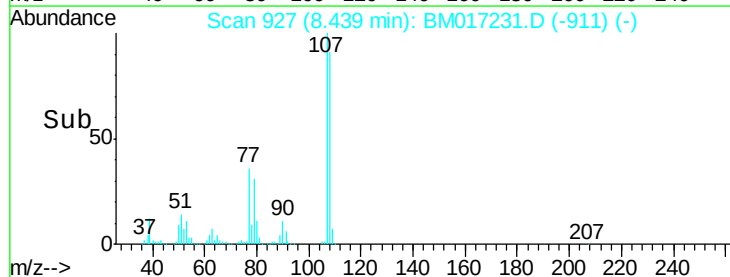
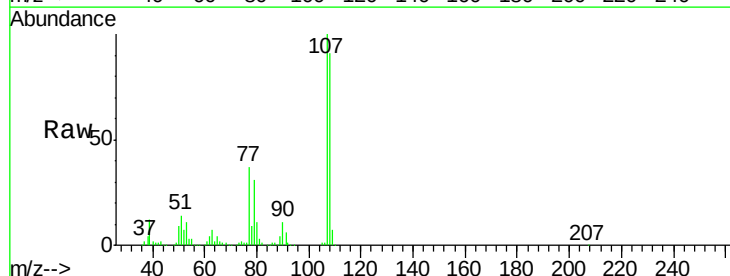
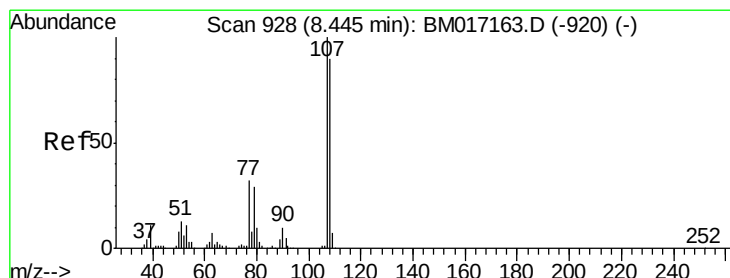
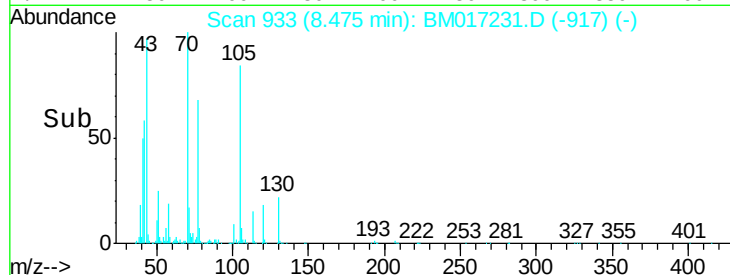
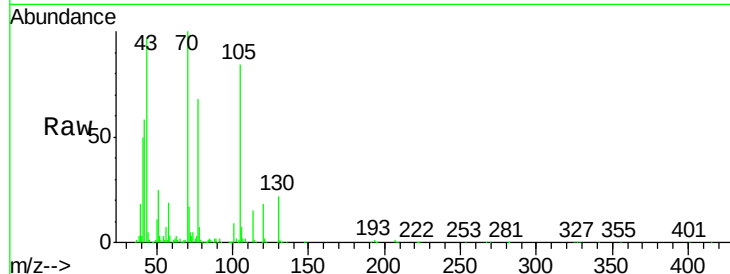
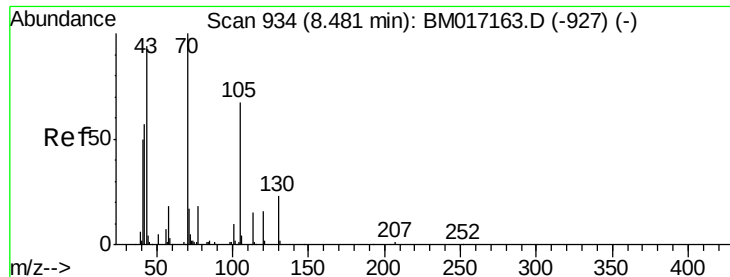
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#18
Hexachloroethane
Concen: 41.737 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

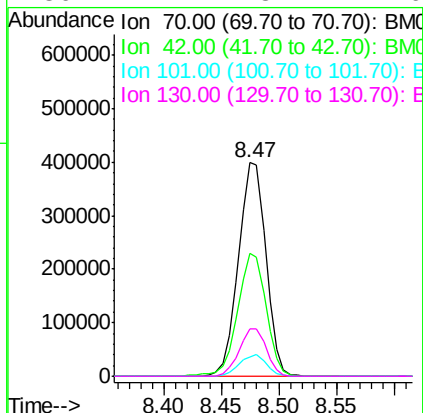
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	348423		
119	96.9	78.2	117.2	
201	108.5	85.3	127.9	





#19
n-Nitroso-di-n-propylamine
Concen: 41.448 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.1	69.1
101	9.3	8.2	12.4
130	22.1	18.4	27.6



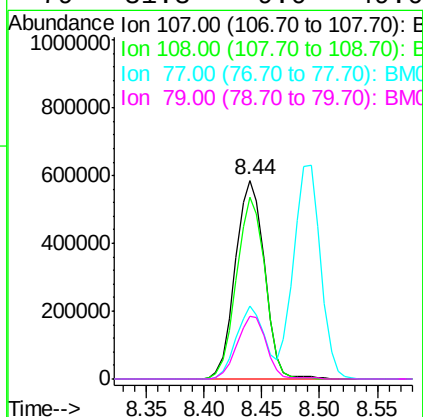
Instrument :
BNA_M
ClientSampleId :
PB113600BSD

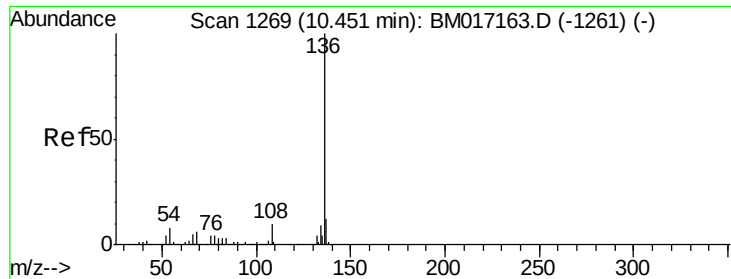
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#20
3+4-Methylphenols
Concen: 45.059 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.9	109.9
77	36.6	12.2	52.2
79	31.3	9.0	49.0





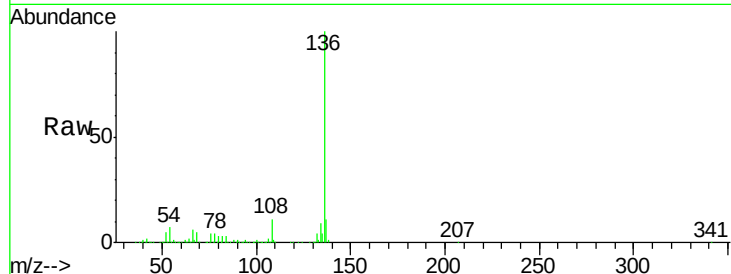
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

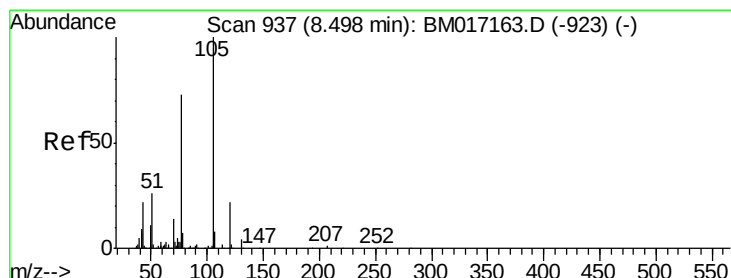
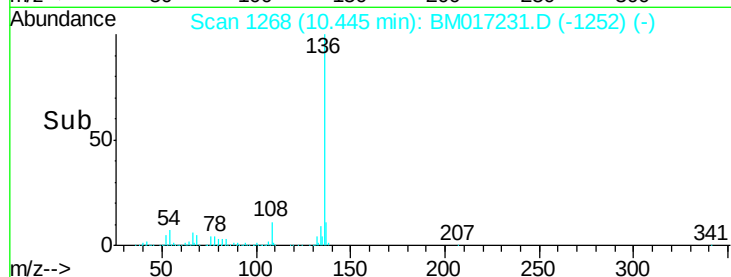
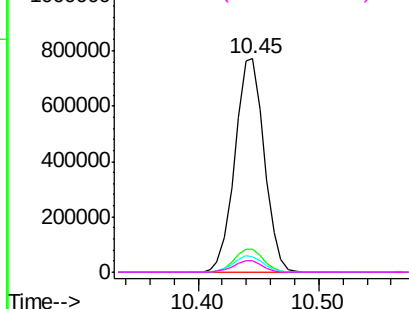
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.4	6.7	10.1
68	5.2	4.7	7.1

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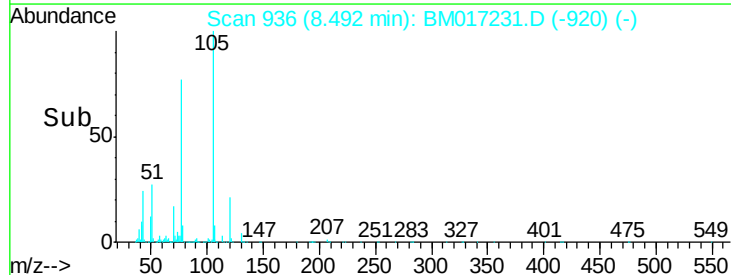
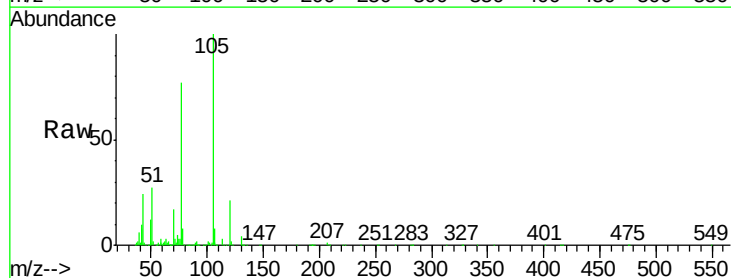
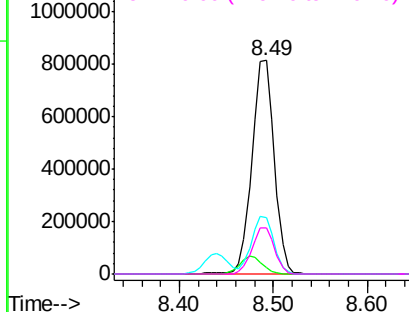
Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

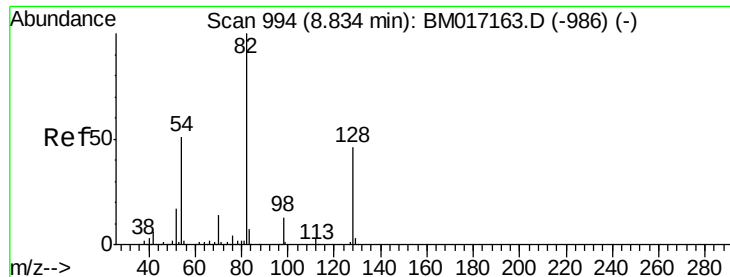


#22
Acetophenone
Concen: 40.568 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	26.6	20.6	31.0
120	21.5	17.5	26.3

Abundance Ion 105.00 (104.70 to 105.70): E
1200000
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





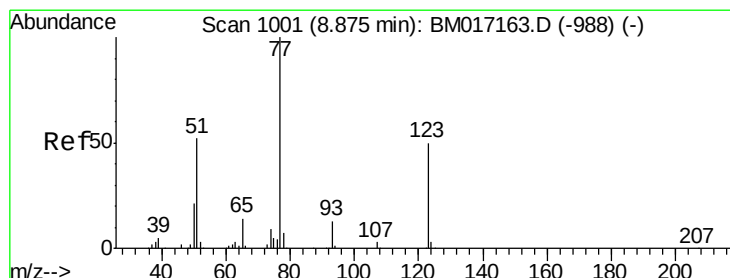
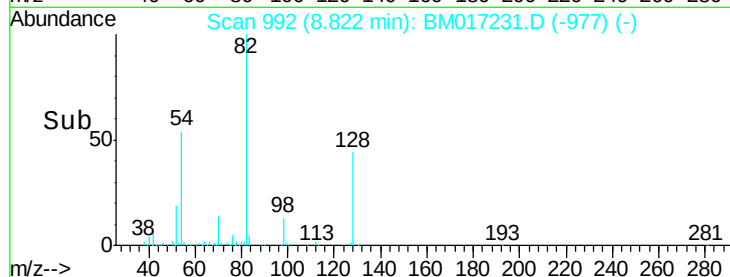
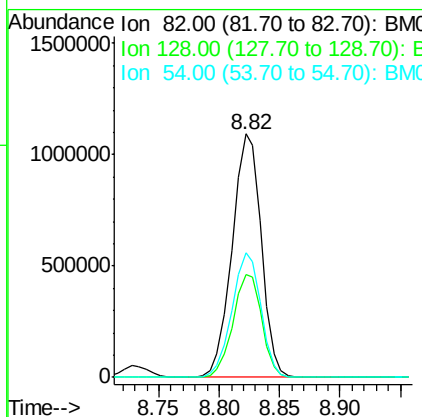
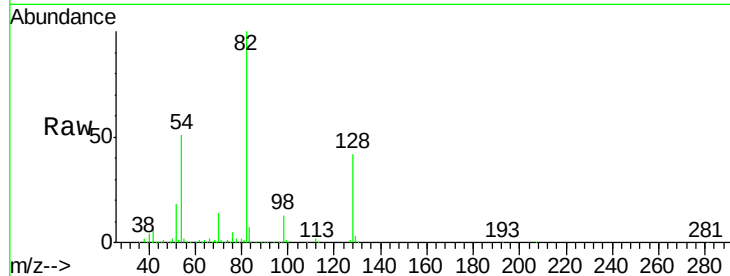
#23
 Nitrobenzene-d5
 Concen: 82.406 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Instrument :
 BNA_M
 ClientSampleID :
 PB113600BSD

Tgt Ion: 82 Resp: 1839276
 Ion Ratio Lower Upper
 82 100
 128 42.4 37.0 55.6
 54 51.3 40.7 61.1

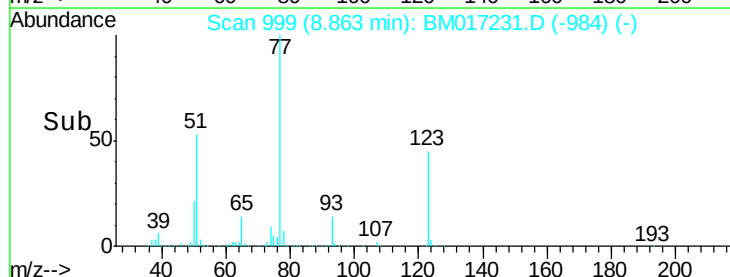
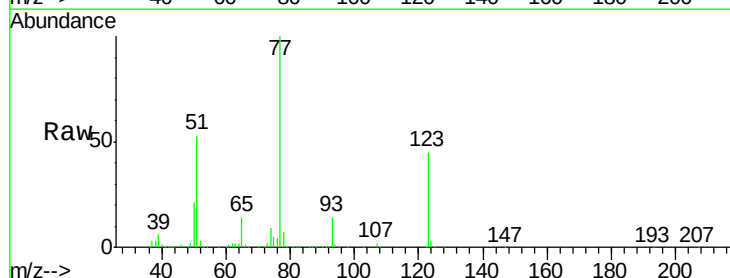
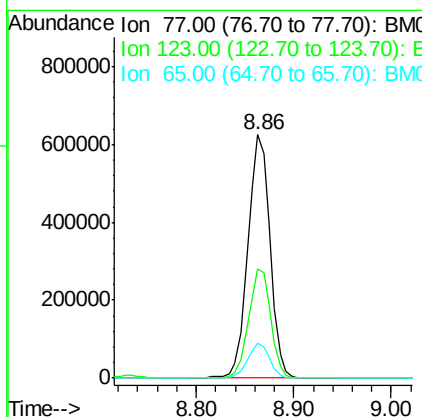
Manual Integrations
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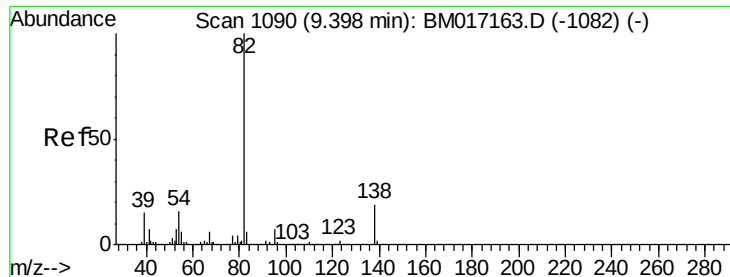
Sohil
 10/22/2018 1:09:17 PM



#24
 Nitrobenzene
 Concen: 42.155 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion: 77 Resp: 995254
 Ion Ratio Lower Upper
 77 100
 123 44.7 40.2 60.4
 65 14.5 11.4 17.0





#25

Isophorone

Concen: 47.471 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

PB113600BSD

Tgt Ion: 82 Resp: 1749590

Ion Ratio Lower Upper

82 100

95 8.0 6.0 9.0

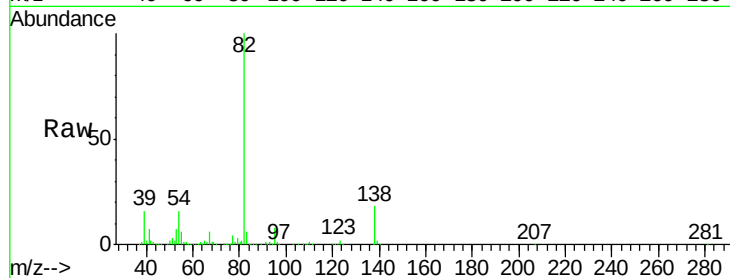
138 18.0 15.4 23.2

Manual Integrations

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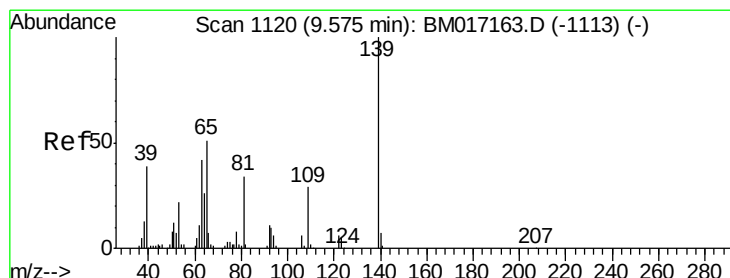
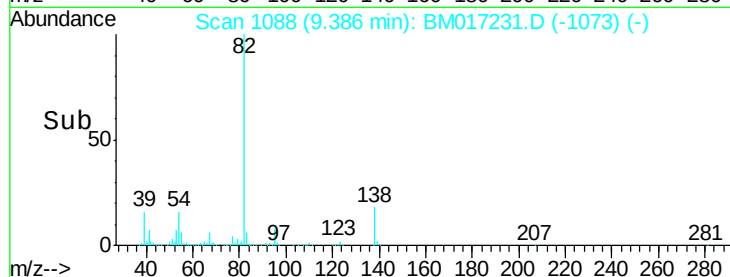
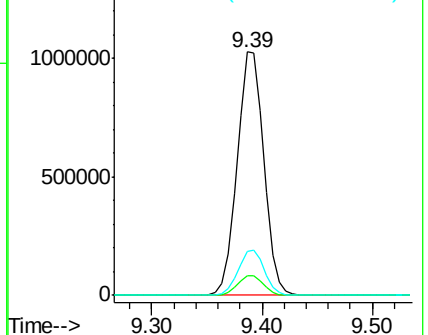
10/22/2018 1:09:17 PM



Abundance Ion 82.00 (81.70 to 82.70): BM017231.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BM017231.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BM017231.D (-1073) (-)



#26

2-Nitrophenol

Concen: 43.802 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

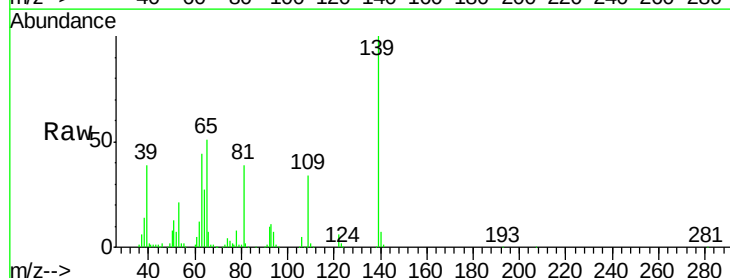
Tgt Ion: 139 Resp: 477730

Ion Ratio Lower Upper

139 100

109 34.1 23.2 34.8

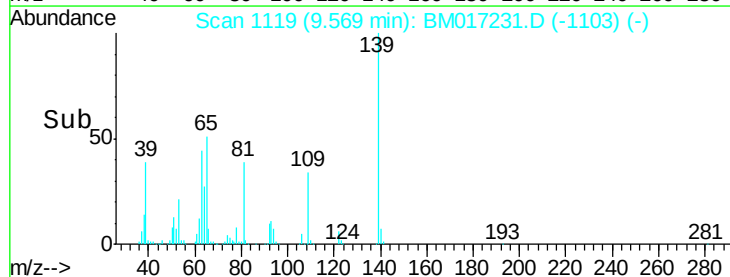
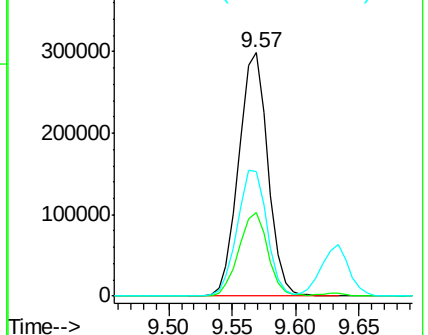
65 51.3 40.6 61.0

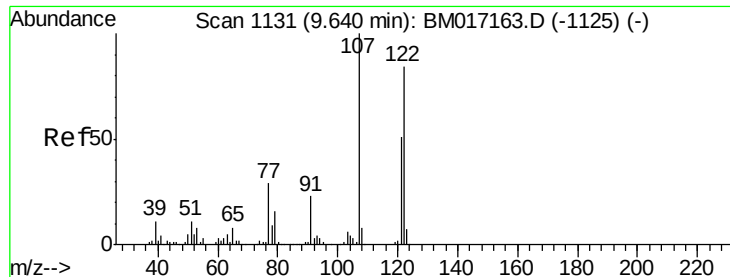


Abundance Ion 139.00 (138.70 to 139.70): BM017231.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM017231.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM017231.D (-1103) (-)





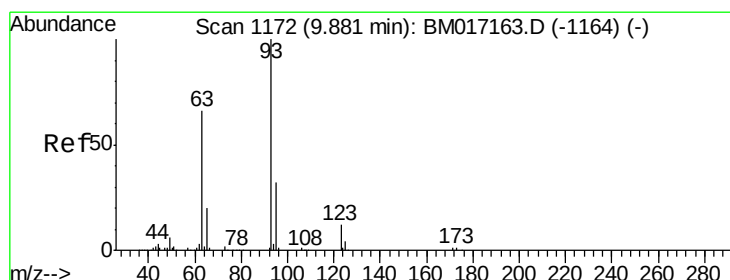
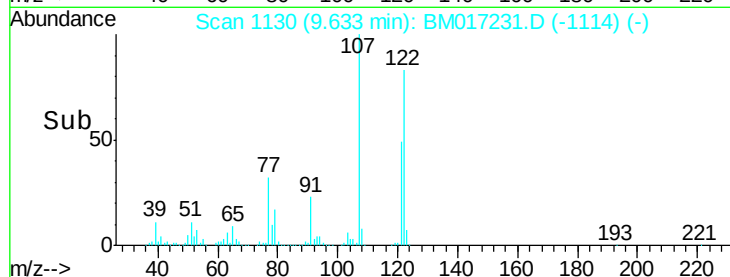
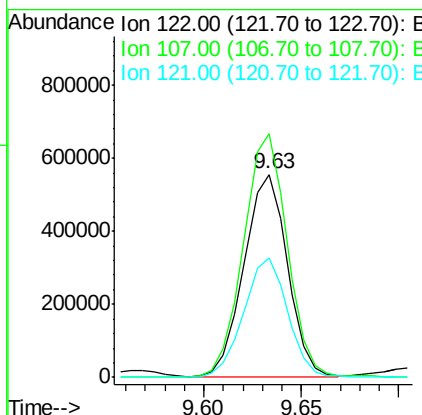
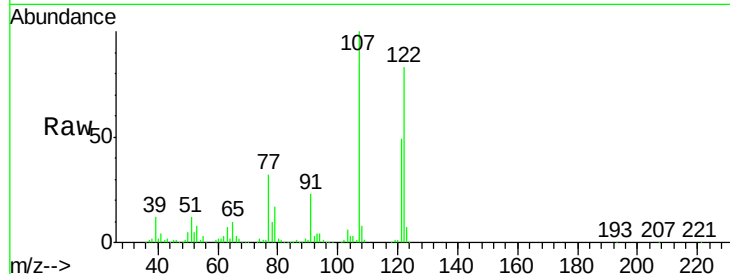
#27
2,4-Dimethylphenol
Concen: 52.581 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	856914		
107	119.9	95.0	142.6	
121	59.0	48.2	72.4	

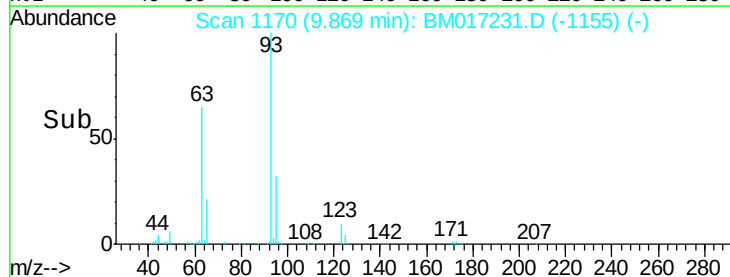
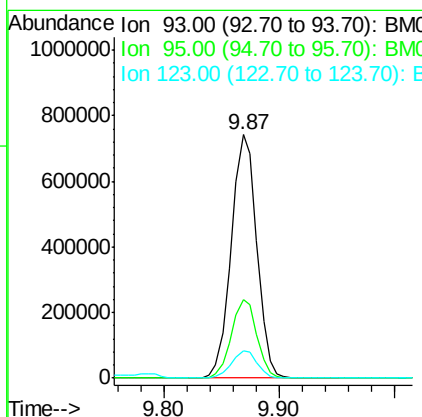
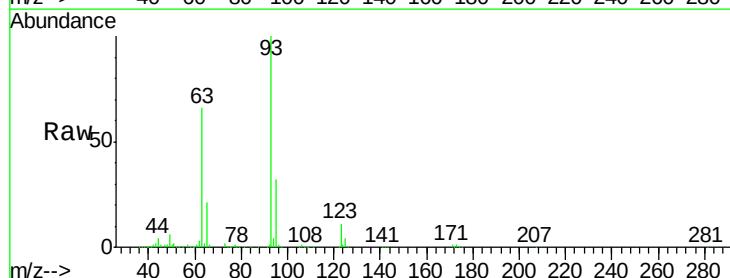
Manual Integrations
APPROVED

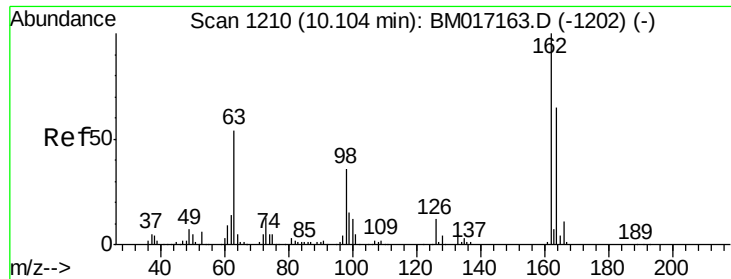
Sohil
10/22/2018 1:09:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.742 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1134725		
95	32.4	25.7	38.5	
123	11.1	9.4	14.0	





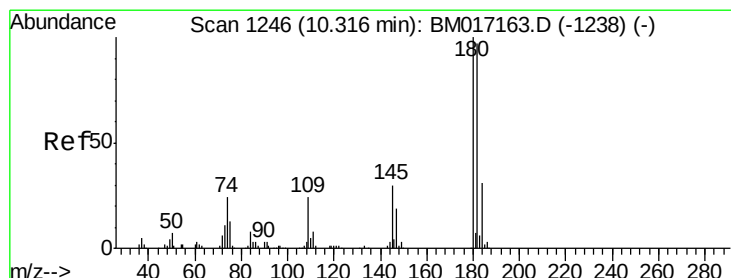
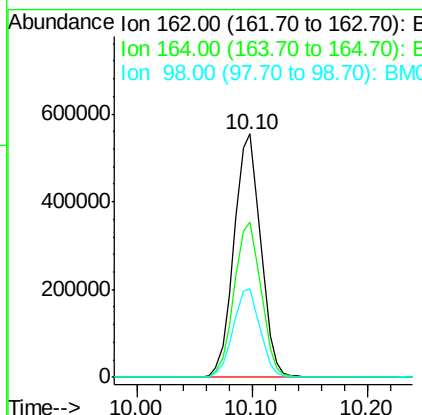
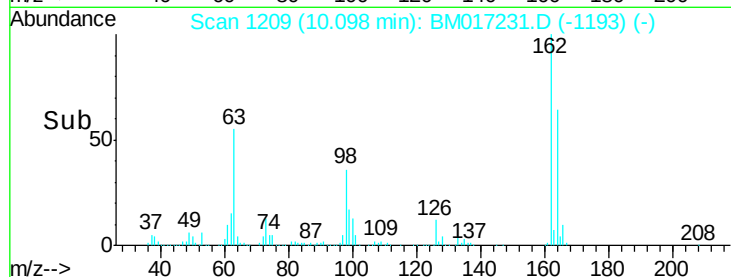
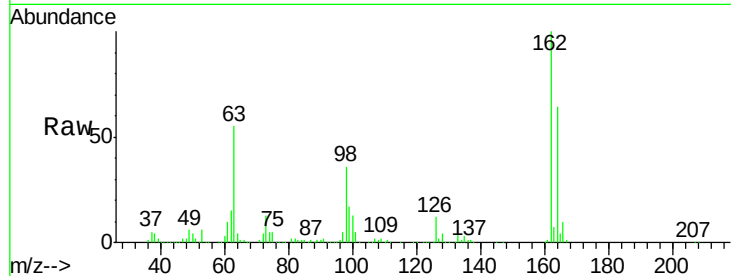
#29
2,4-Dichlorophenol
Concen: 47.161 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	892379		
164	64.0	44.9	84.9	
98	36.4	15.8	55.8	

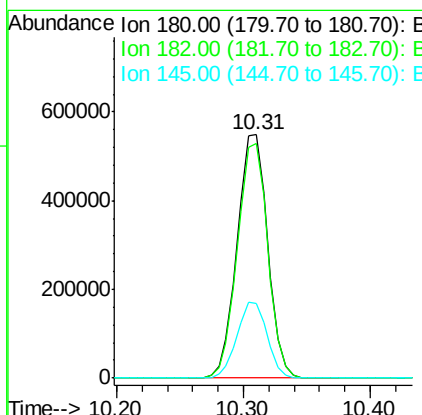
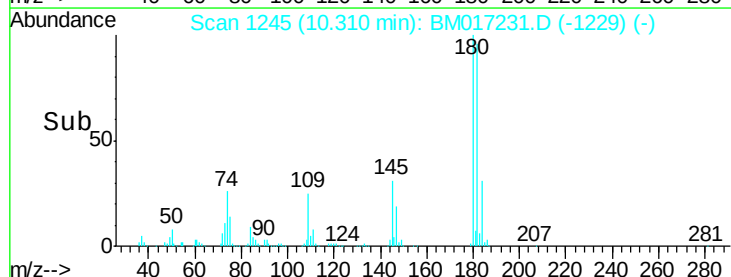
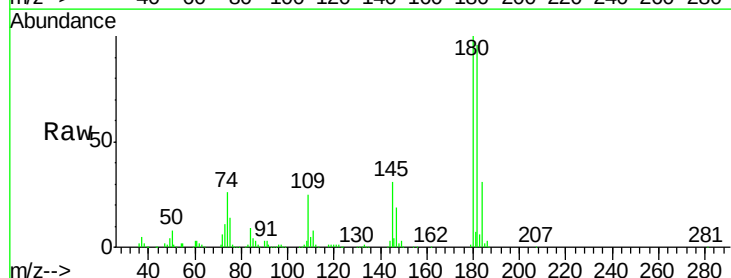
Manual Integrations
APPROVED

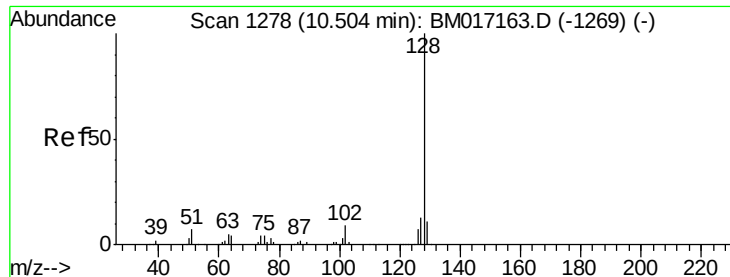
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.362 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	916195		
182	96.3	77.5	116.3	
145	30.8	24.0	36.0	





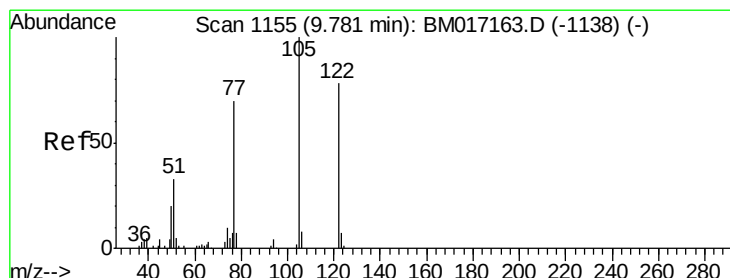
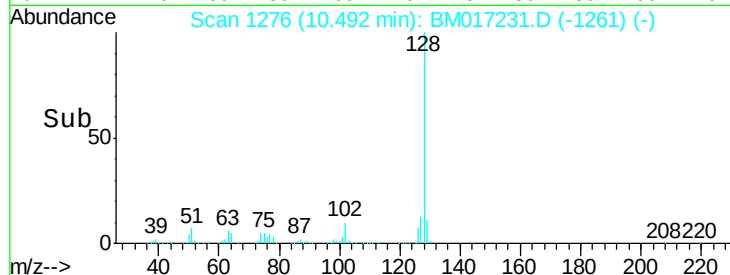
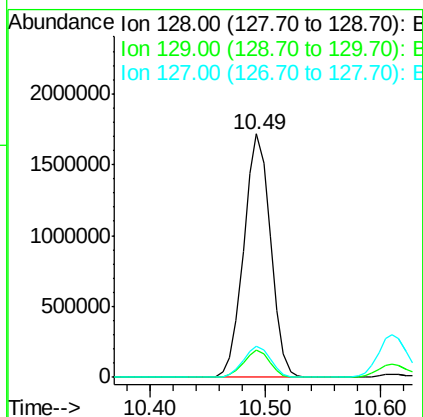
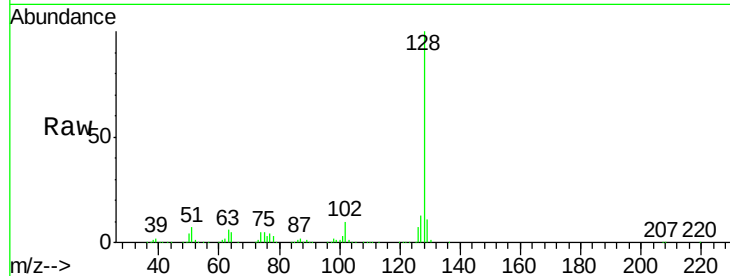
#31
Naphthalene
Concen: 43.208 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	12.9	10.3	15.5

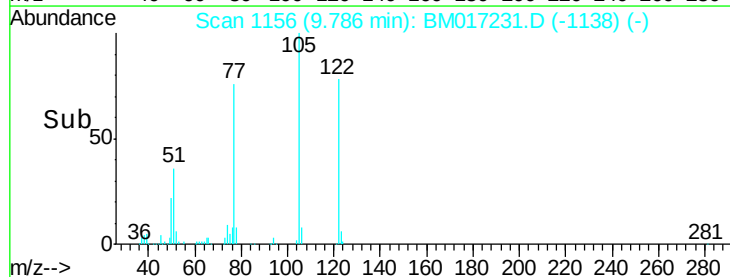
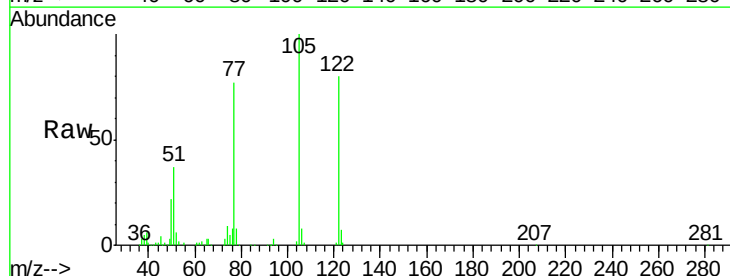
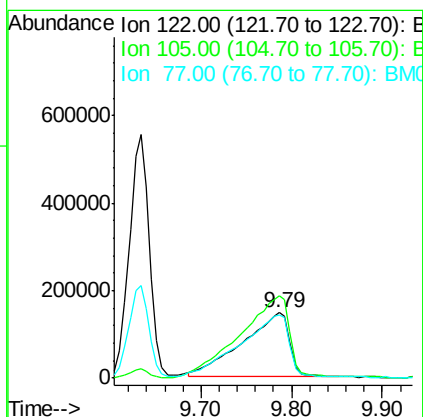
Manual Integrations
APPROVED

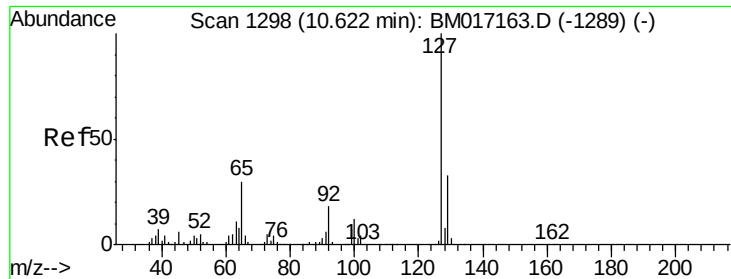
Sohil
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#32
Benzoic acid
Concen: 43.577 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	102.0	142.0
77	97.0	67.7	107.7





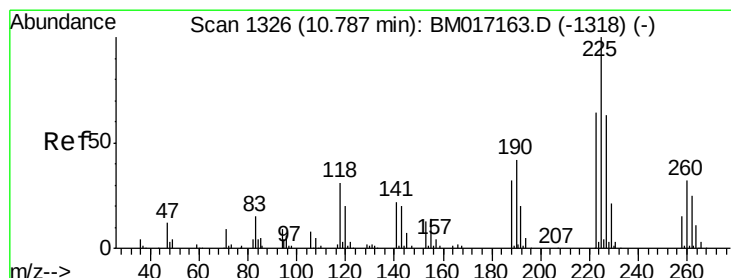
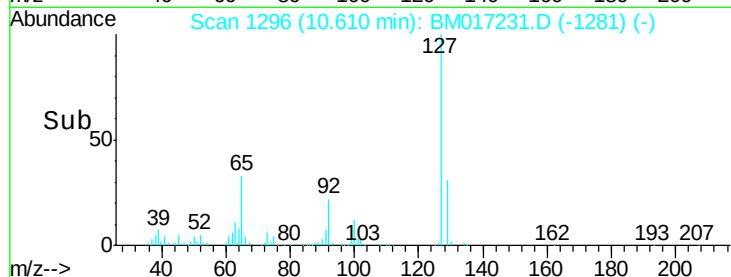
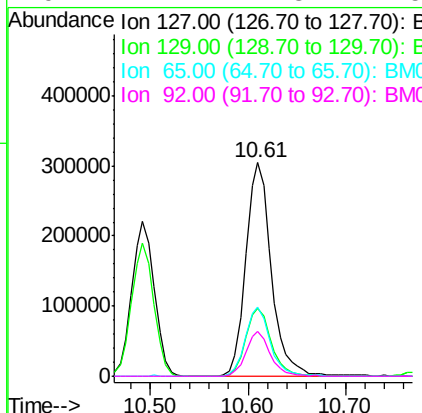
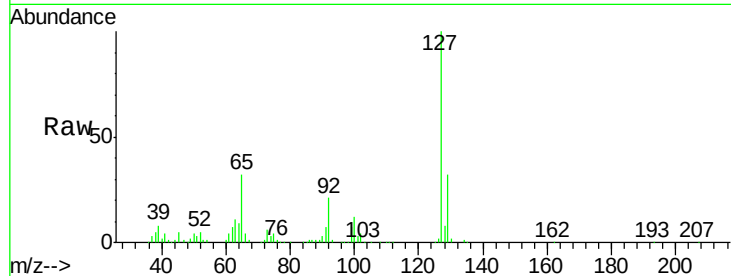
#33
4-Chloroaniline
Concen: 20.162 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.2	39.4	
65	32.1	23.7	35.5	
92	21.1	14.3	21.5	

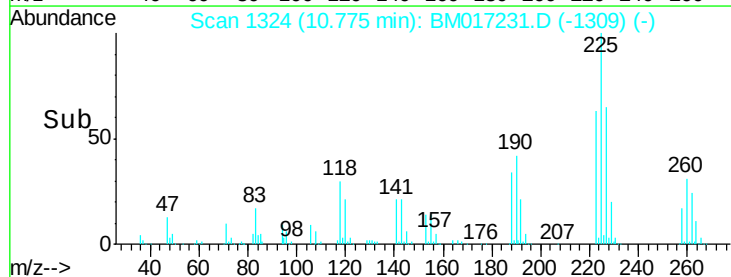
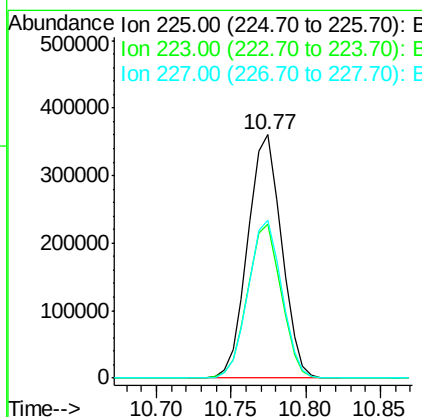
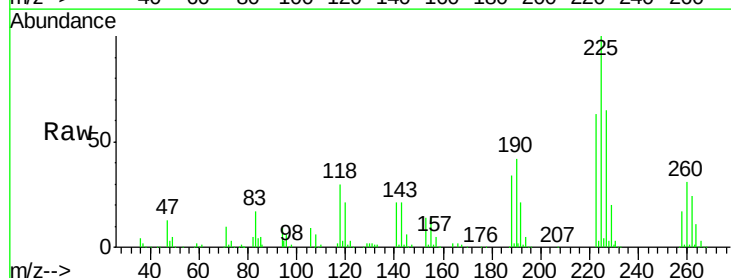
Manual Integrations
APPROVED

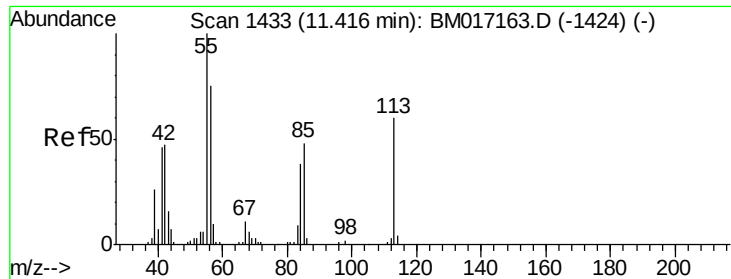
Sohil
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#34
Hexachlorobutadiene
Concen: 39.252 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.0	76.6	
227	64.9	50.8	76.2	





#35

Caprolactam

Concen: 35.184 ng m

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

PB113600BSD

Tgt Ion:113 Resp: 242625

Ion Ratio Lower Upper

113 100

55 156.1 147.0 187.0

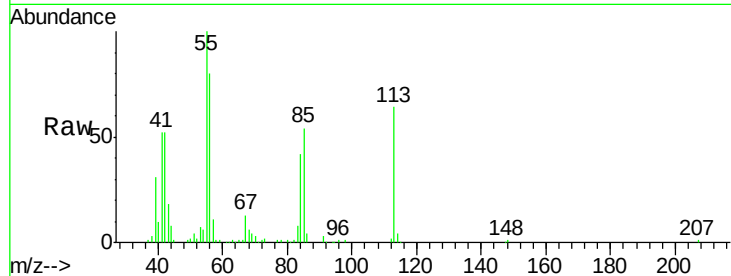
56 125.4 104.5 144.5

Manual Integrations

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Sohil

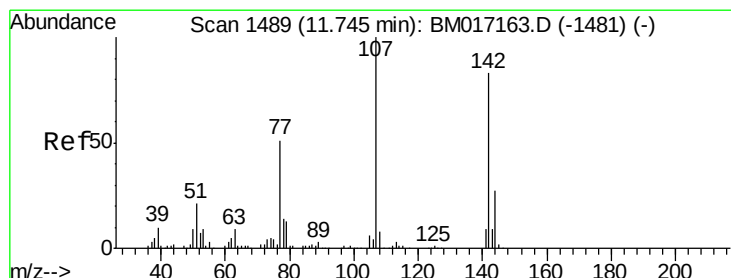
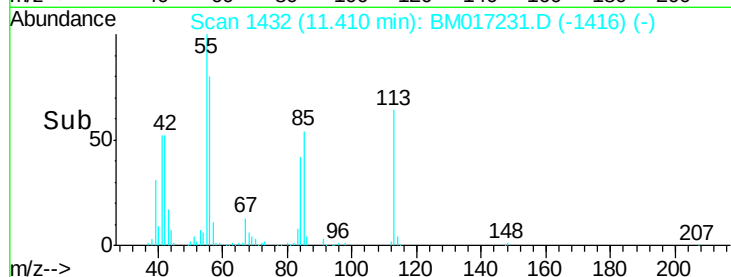
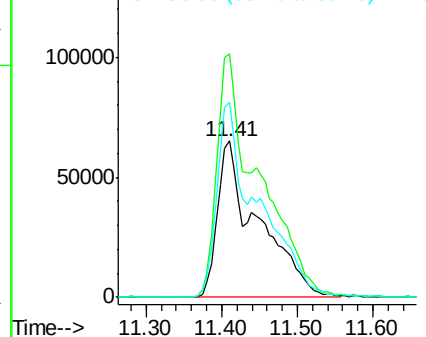
10/22/2018 1:09:17 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.882 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

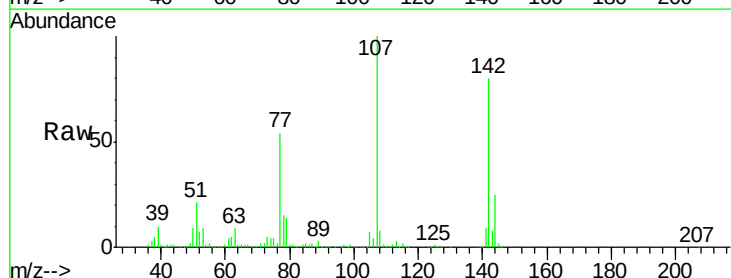
Tgt Ion:107 Resp: 935968

Ion Ratio Lower Upper

107 100

144 24.8 21.6 32.4

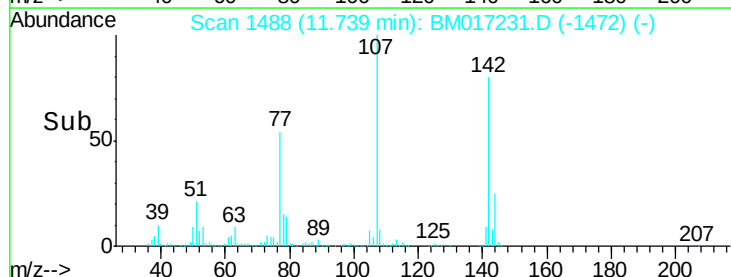
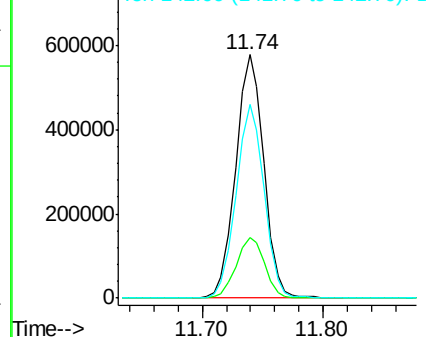
142 79.6 66.0 99.0

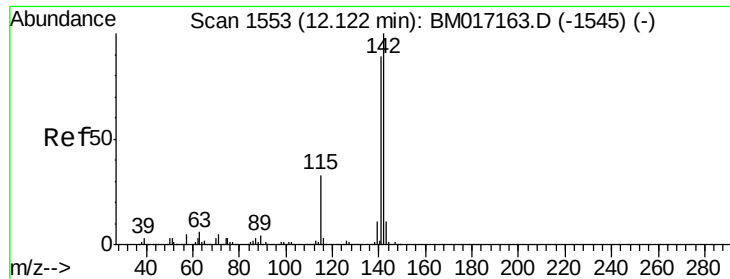


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





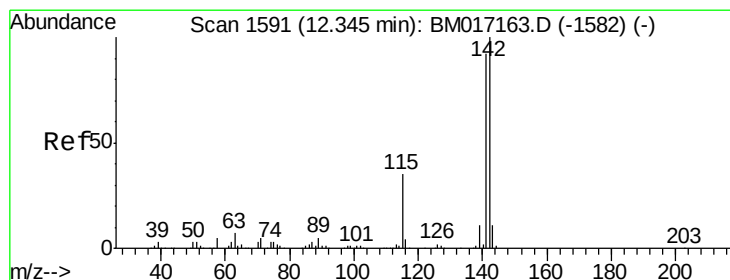
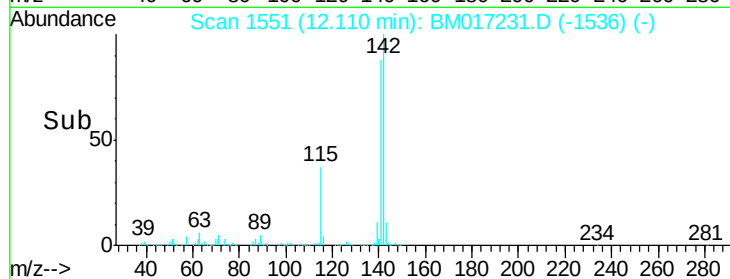
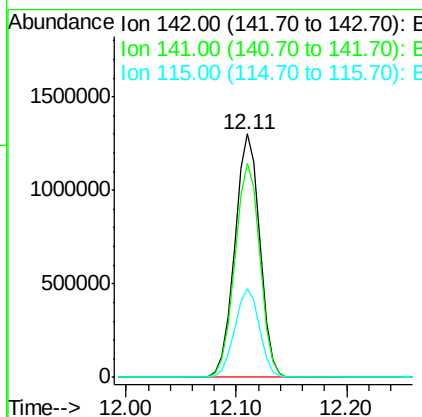
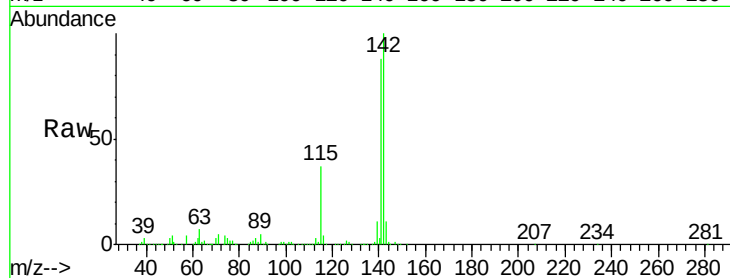
#37
2-Methylnaphthalene
Concen: 47.190 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion:142 Resp: 2065795
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3
115 36.6 26.4 39.6

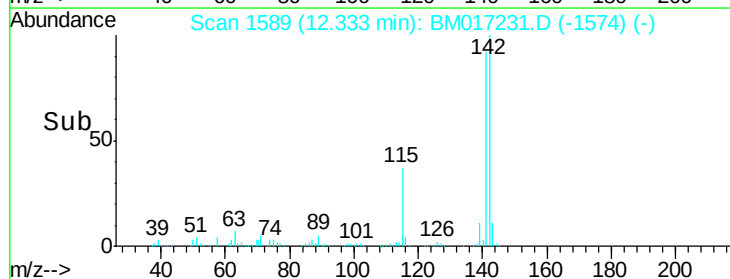
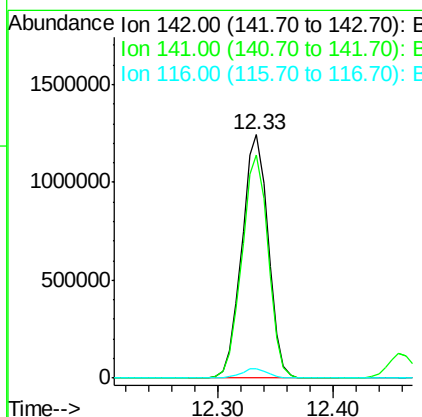
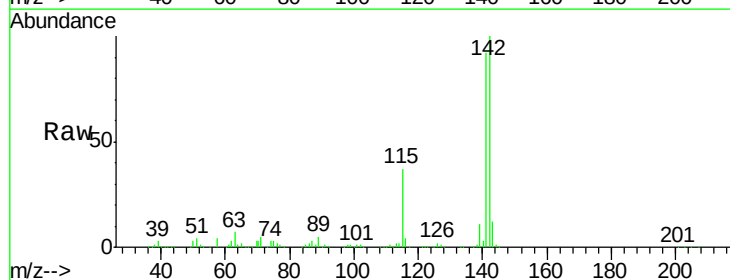
Manual Integrations
APPROVED

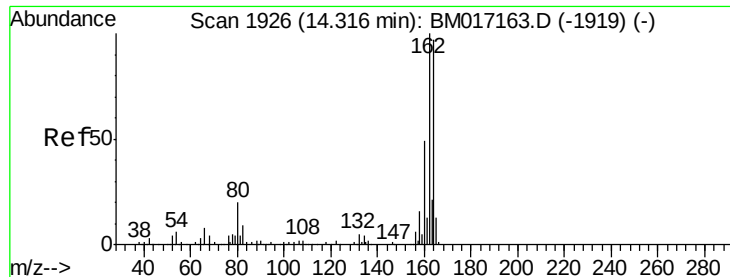
Sohil
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#38
1-Methylnaphthalene
Concen: 46.193 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:142 Resp: 1968103
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6
116 3.8 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: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

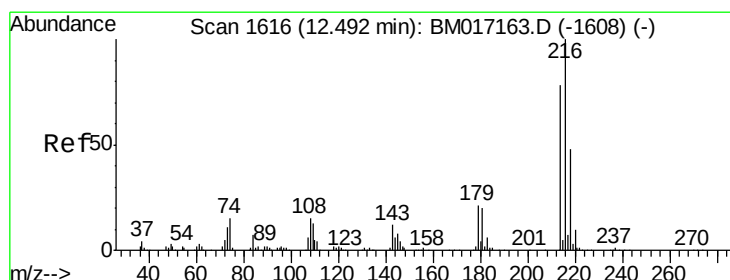
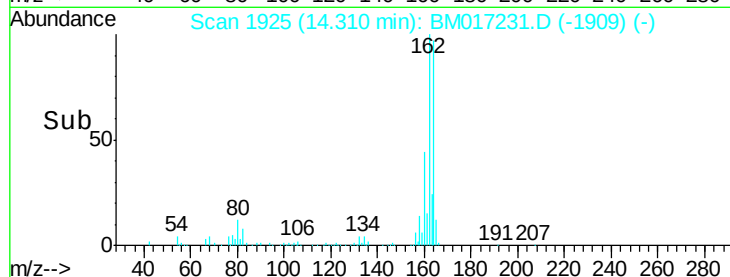
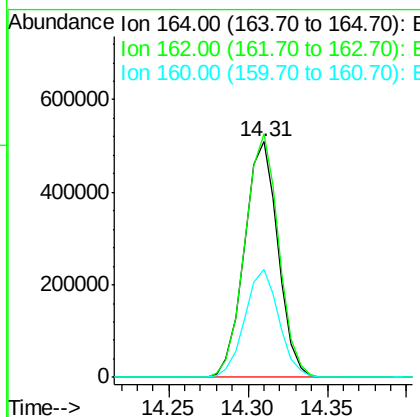
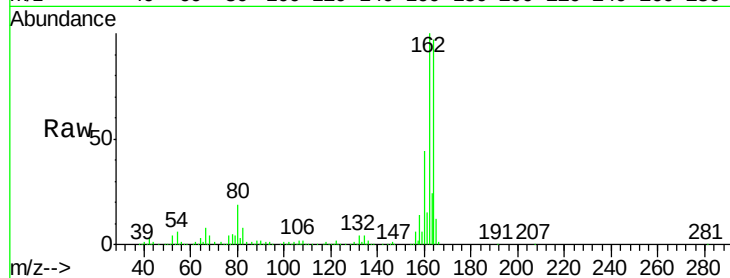
ClientSampleId :

PB113600BSD

Tgt Ion:	164	Resp:	748510
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.1	123.1
160	45.7	40.2	60.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.616 ng

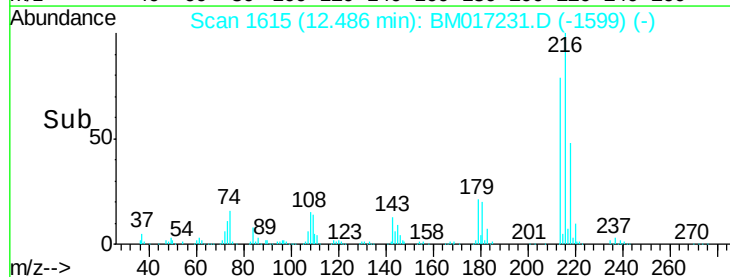
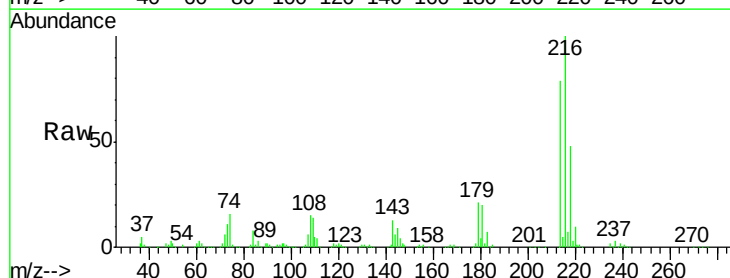
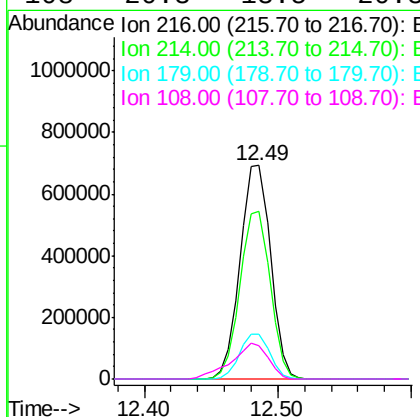
RT: 12.49 min Scan# 1615

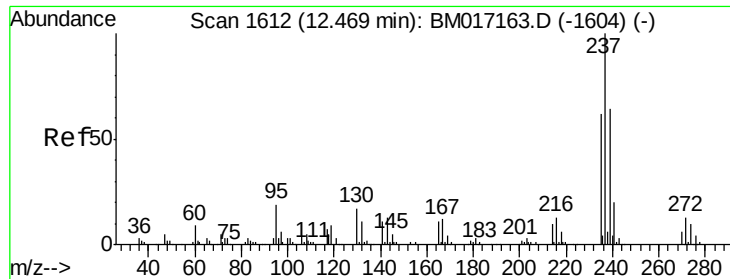
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	216	Resp:	1096998
Ion Ratio	Lower	Upper	
216	100		
214	77.7	62.6	93.8
179	20.9	16.6	24.8
108	20.3	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 125.117 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

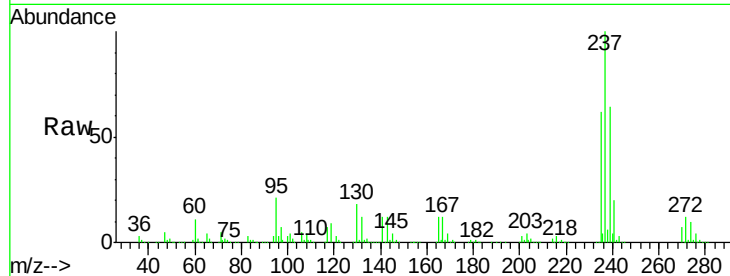
ClientSampleId :

PB113600BSD

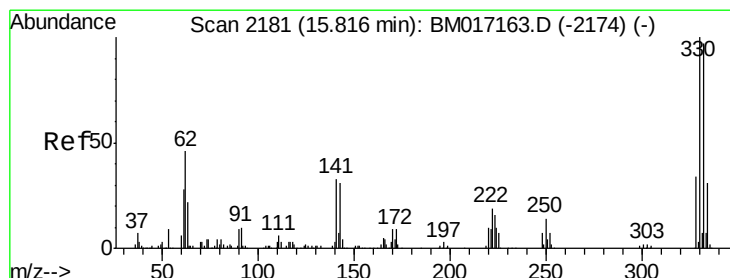
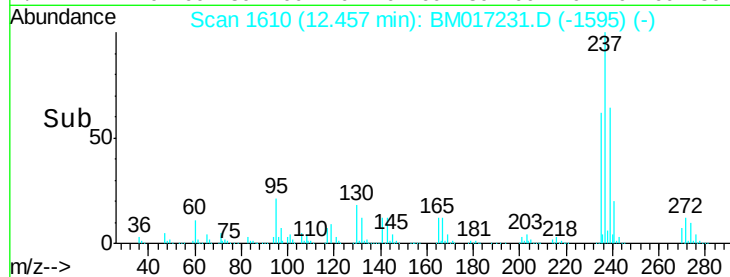
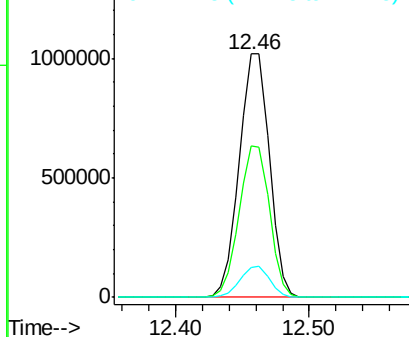
Tgt Ion:	237	Resp:	1594405
Ion Ratio		Lower	Upper
237	100		
235	62.2	42.4	82.4
272	12.5	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 128.950 ng

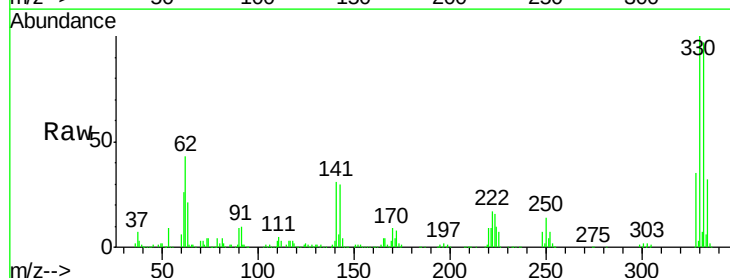
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

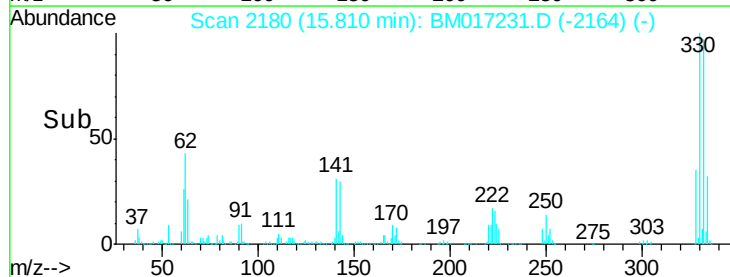
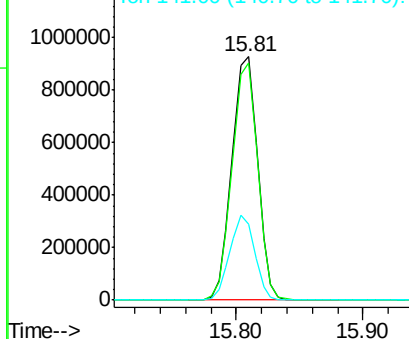
Lab File: BM017231.D

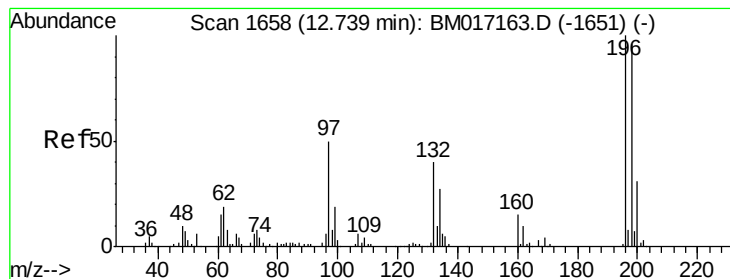
Acq: 19 Oct 2018 15:50

Tgt Ion:	330	Resp:	1305294
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.9	27.4	41.0



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





#43

2,4,6-Trichlorophenol

Concen: 46.982 ng

RT: 12.73 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

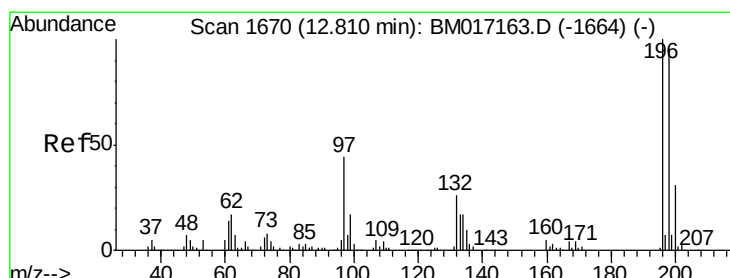
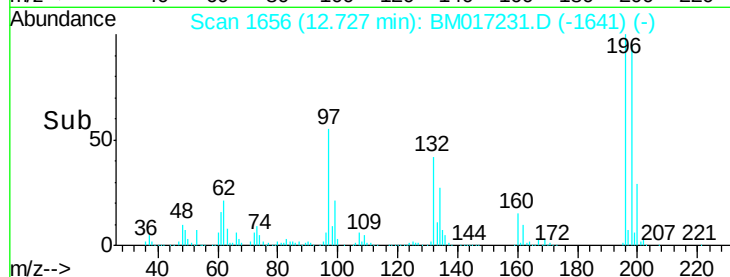
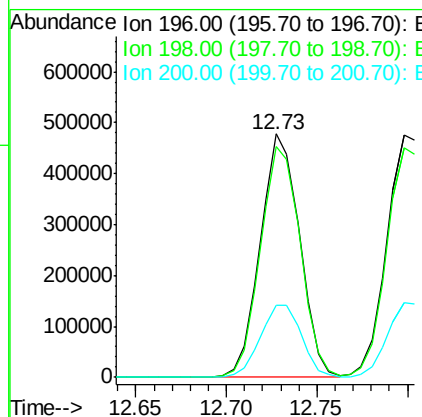
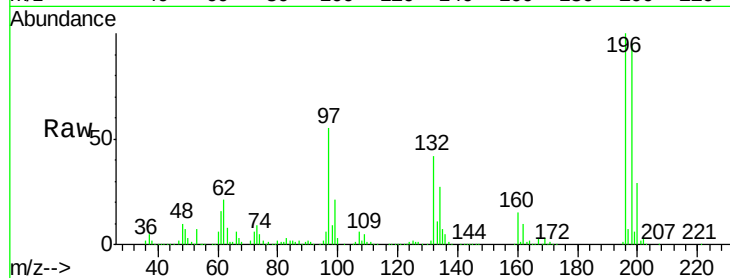
ClientSampleId :

PB113600BSD

Tgt Ion:	196	Resp:	718919
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.1	115.7
200	29.5	25.0	37.4

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#44

2,4,5-Trichlorophenol

Concen: 46.390 ng

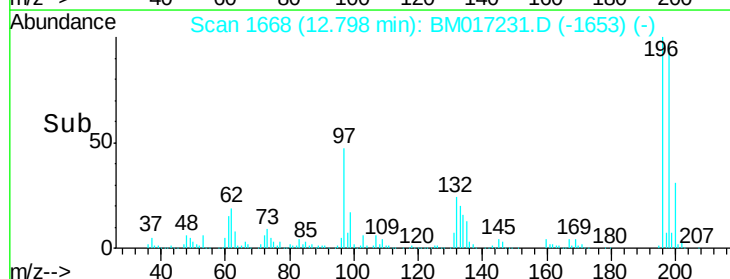
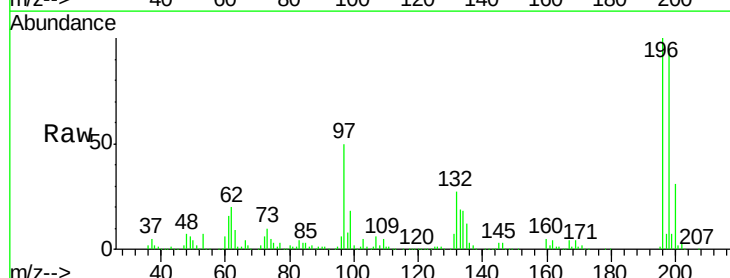
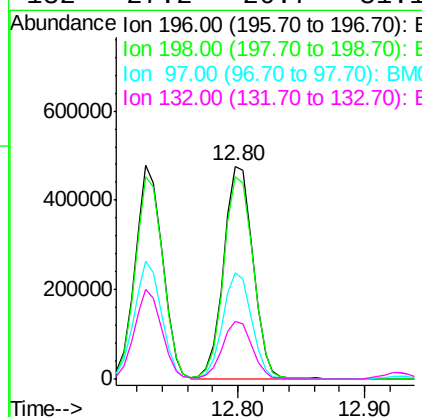
RT: 12.80 min Scan# 1668

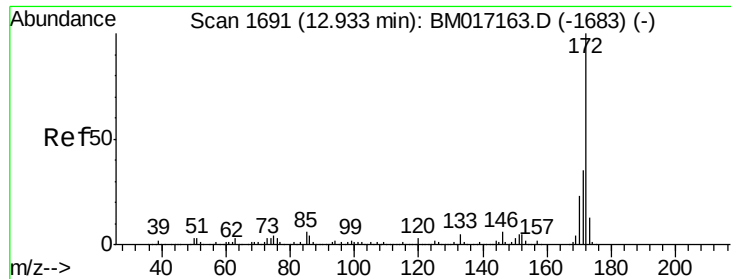
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	196	Resp:	761214
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.6	115.0
97	49.9	35.5	53.3
132	27.2	20.7	31.1





#45
 2-Fluorobiphenyl
 Concen: 81.610 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

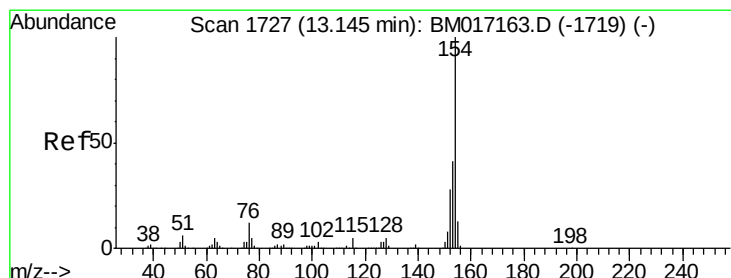
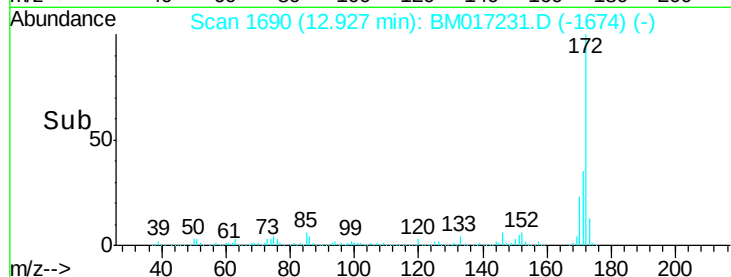
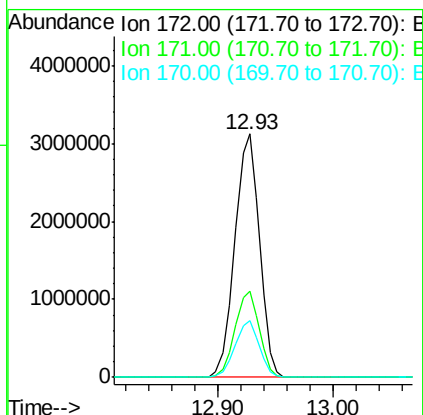
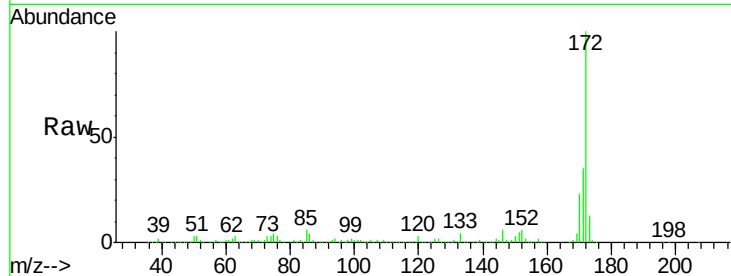
Instrument :
 BNA_M
 ClientSampleId :
 PB113600BSD

Tgt Ion:172 Resp: 4591049

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.0	18.3	27.5

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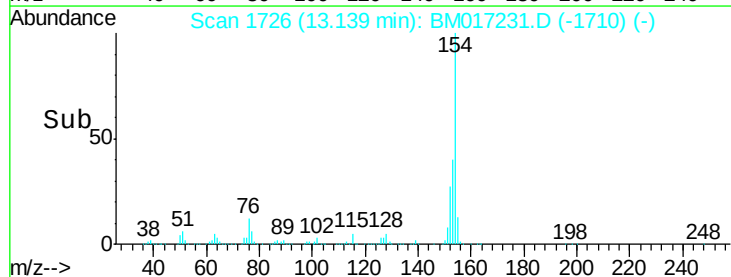
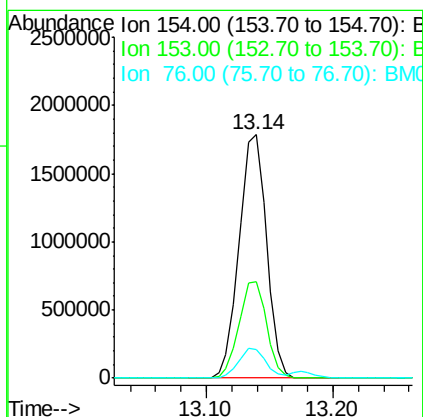
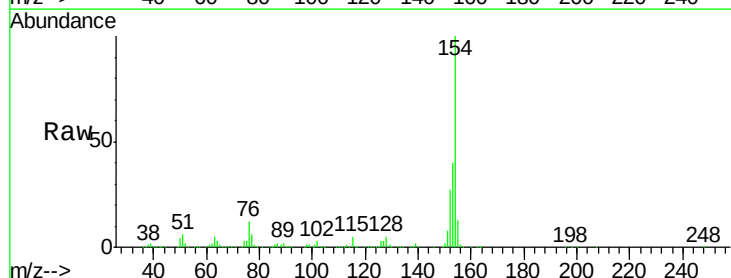
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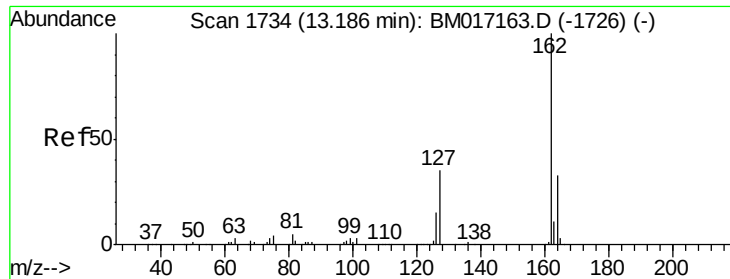


#46
 1,1'-Biphenyl
 Concen: 39.767 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:154 Resp: 2678631

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	11.6	0.0	31.8





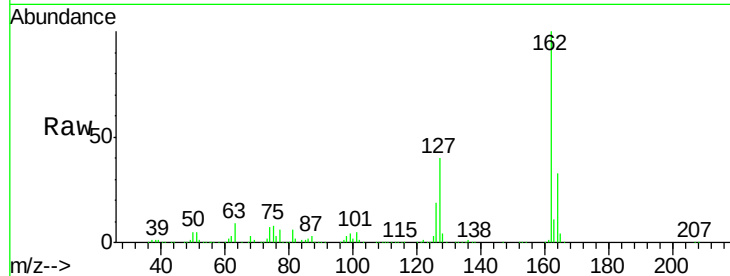
#47
2-Chloronaphthalene
Concen: 41.151 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

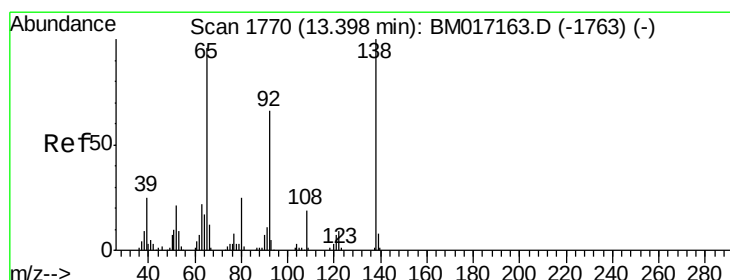
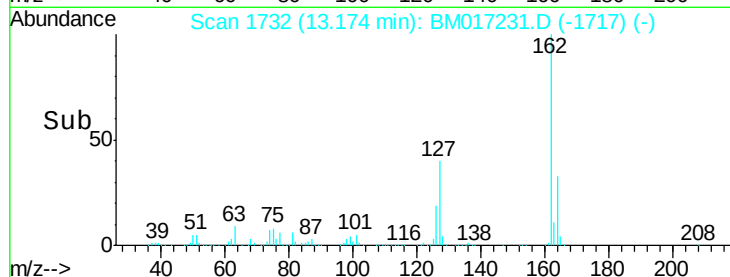
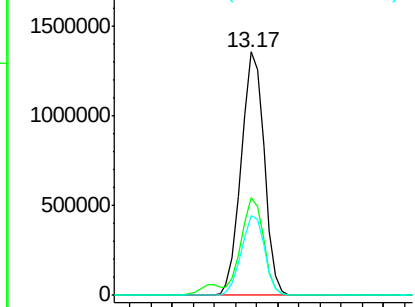
Tgt Ion: 162 Resp: 2039168
Ion Ratio Lower Upper
162 100
127 40.1 31.0 46.4
164 32.8 26.6 39.8

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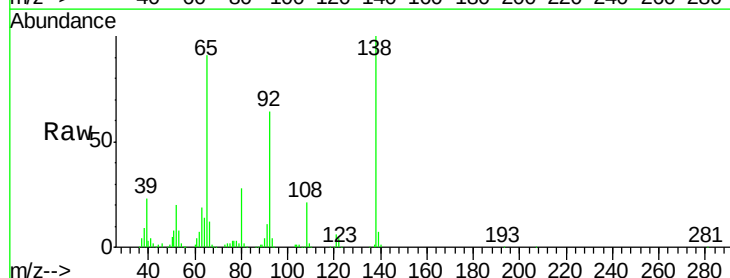


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

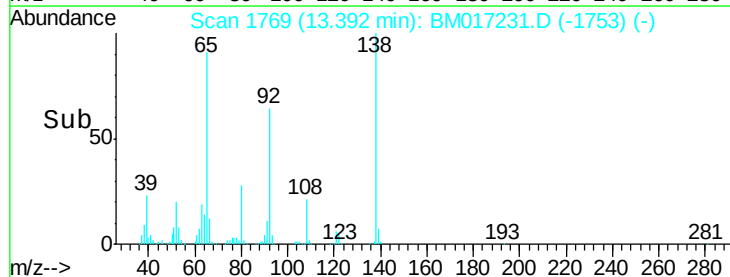
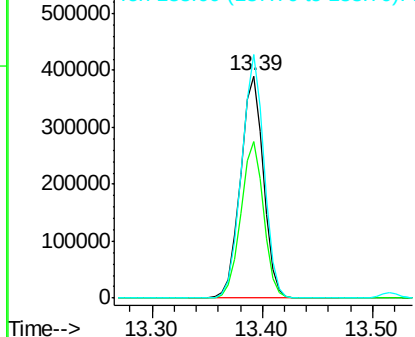


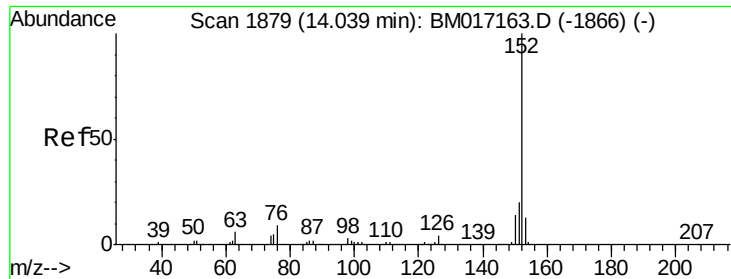
#48
2-Nitroaniline
Concen: 41.795 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion: 65 Resp: 573443
Ion Ratio Lower Upper
65 100
92 70.3 54.9 82.3
138 109.6 83.7 125.5



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





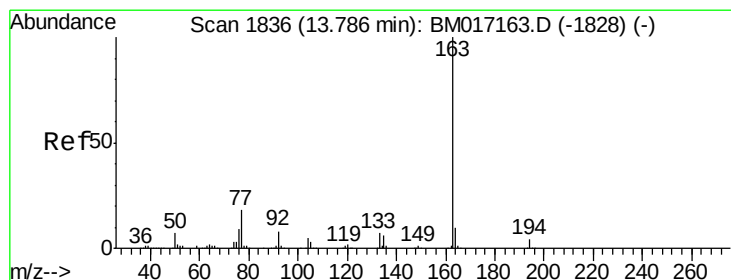
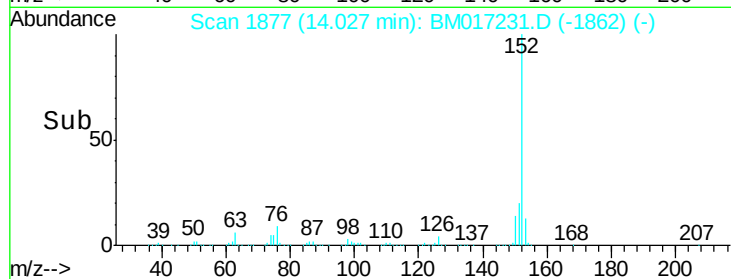
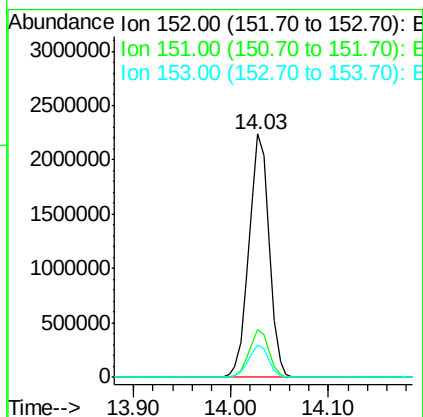
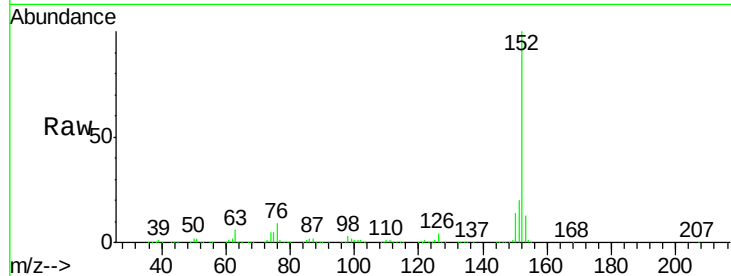
#49
Acenaphthylene
Concen: 45.433 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.2	10.4	15.6

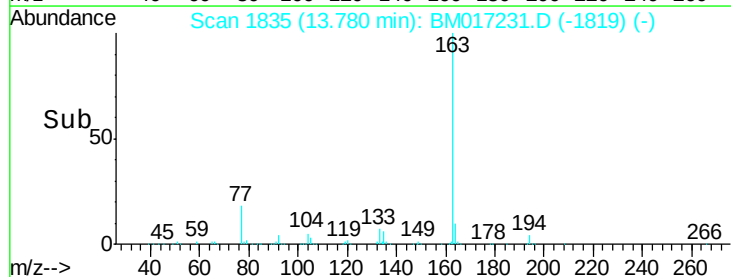
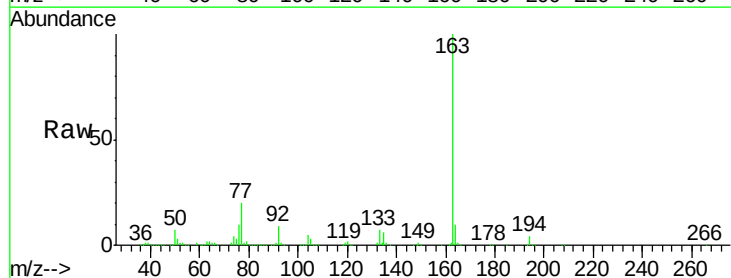
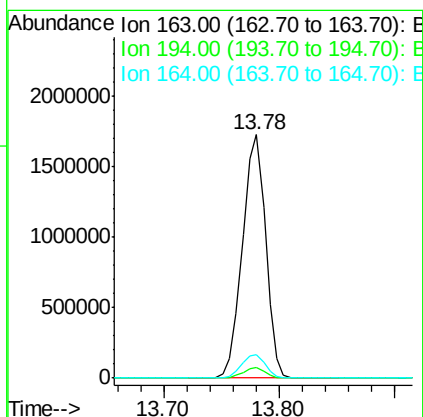
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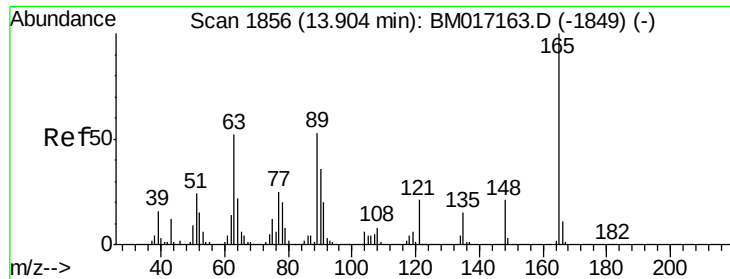
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#50
Dimethylphthalate
Concen: 41.829 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.8	7.8	11.8





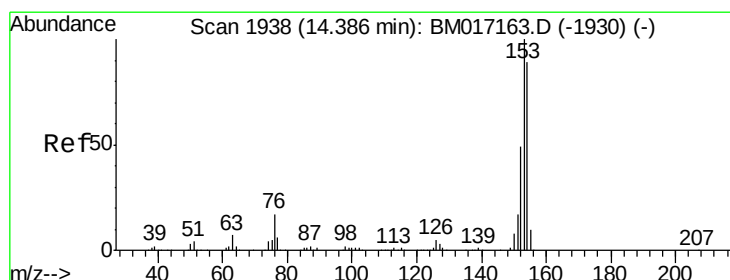
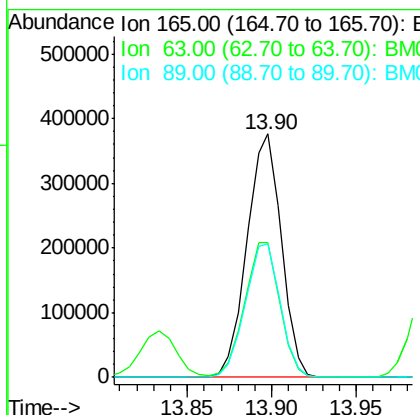
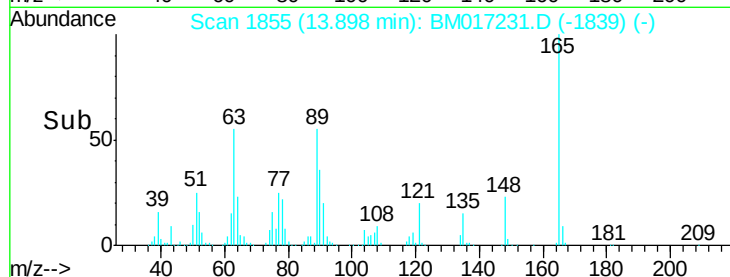
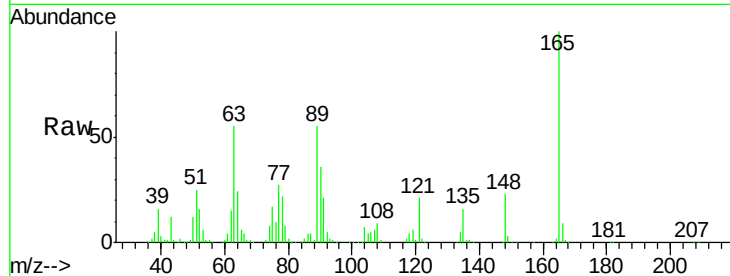
#51
2,6-Dinitrotoluene
Concen: 42.020 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	534080		
63	55.5	42.7	64.1	
89	54.7	42.1	63.1	

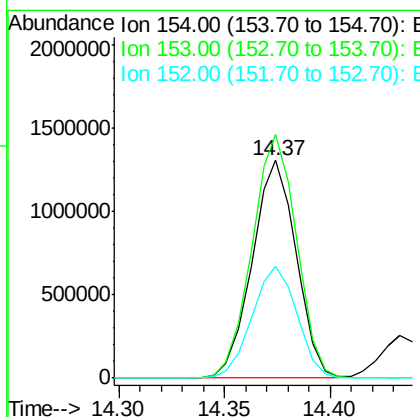
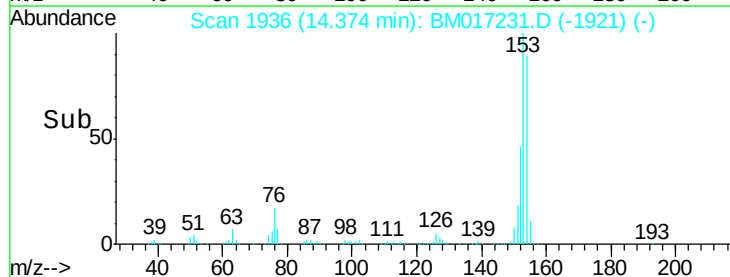
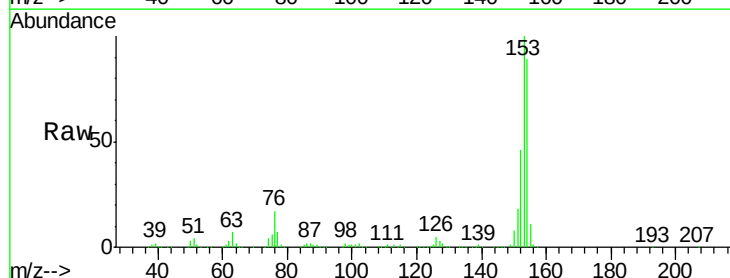
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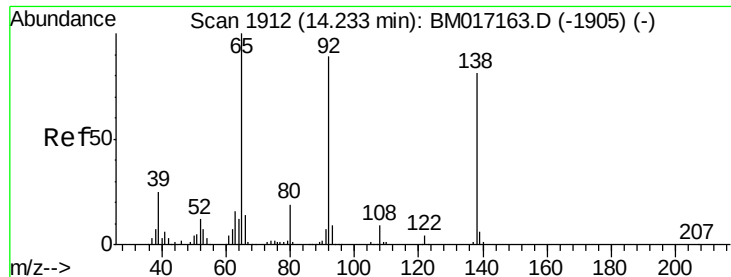
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#52
Acenaphthene
Concen: 42.033 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1895639		
153	111.8	90.2	135.2	
152	51.6	44.2	66.4	





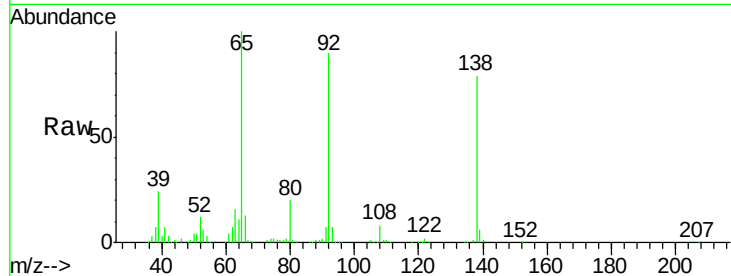
#53
3-Nitroaniline
Concen: 25.481 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

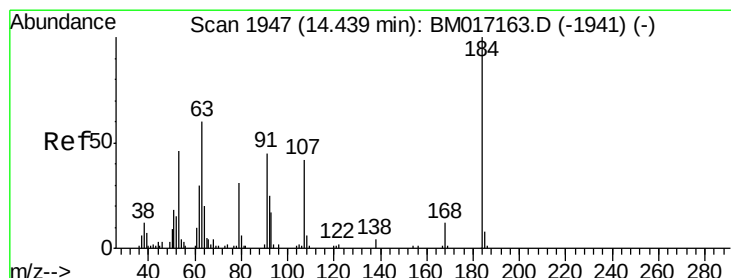
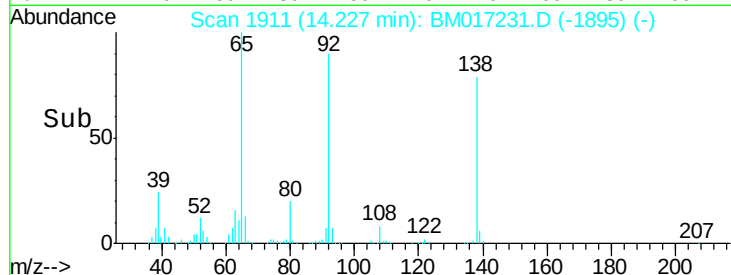
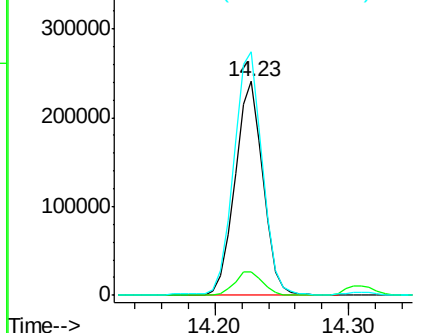
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	350768		
108	10.8	8.7	13.1	
92	113.9	87.9	131.9	

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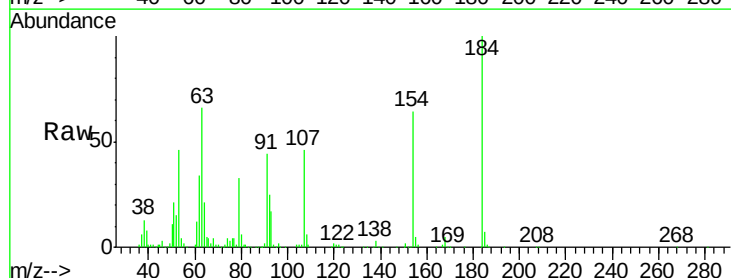


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

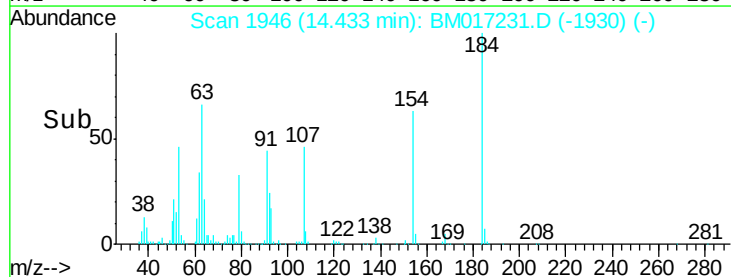
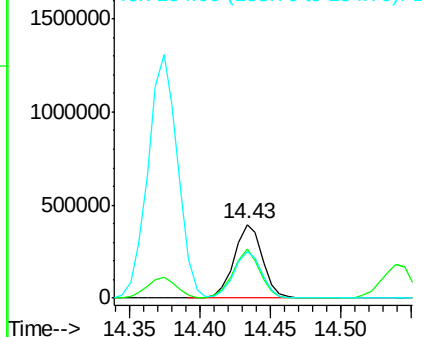


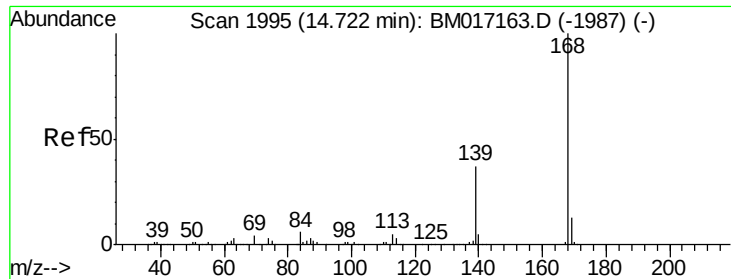
#54
2,4-Dinitrophenol
Concen: 74.797 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	553267		
63	66.2	51.2	76.8	
154	63.7	47.8	71.8	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





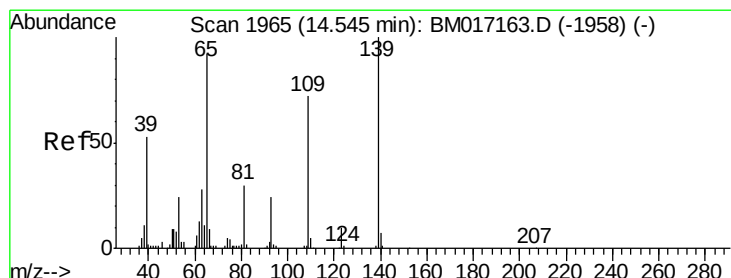
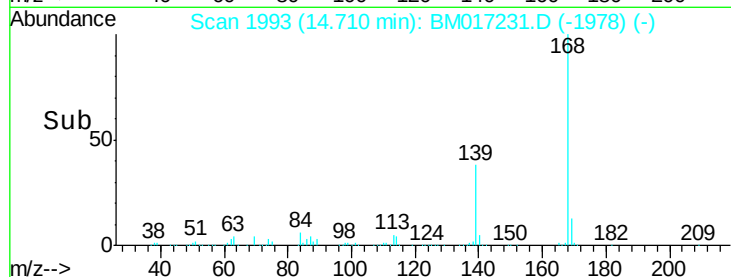
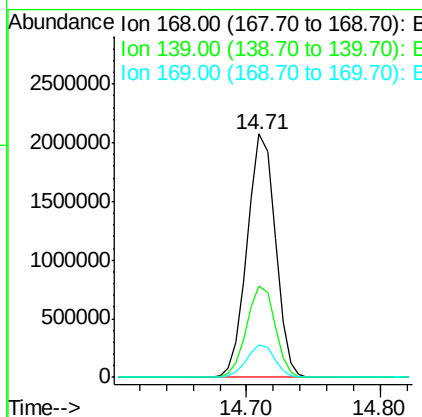
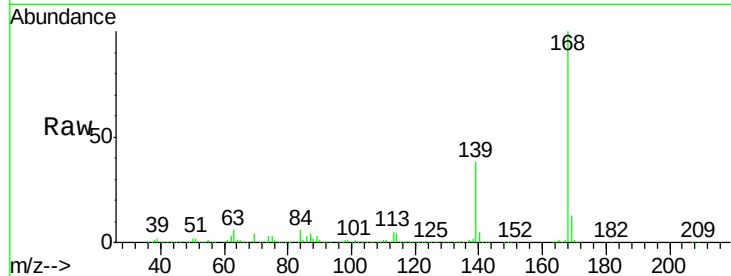
#55
Dibenzenofuran
Concen: 40.224 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion:168 Resp: 3016708
Ion Ratio Lower Upper
168 100
139 37.7 29.3 43.9
169 13.3 10.6 15.8

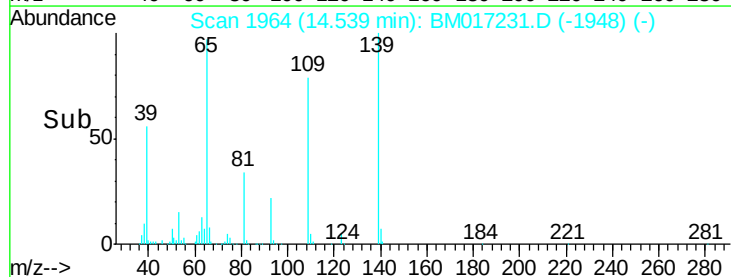
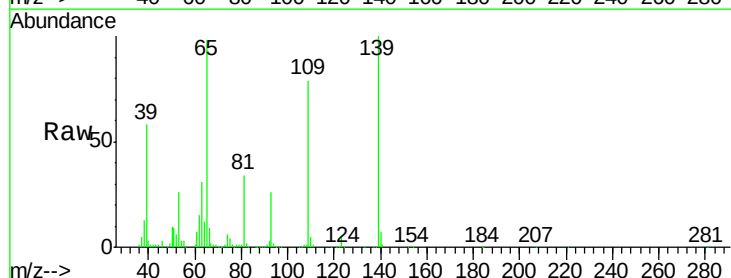
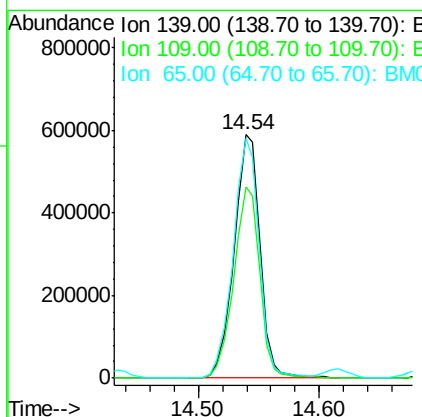
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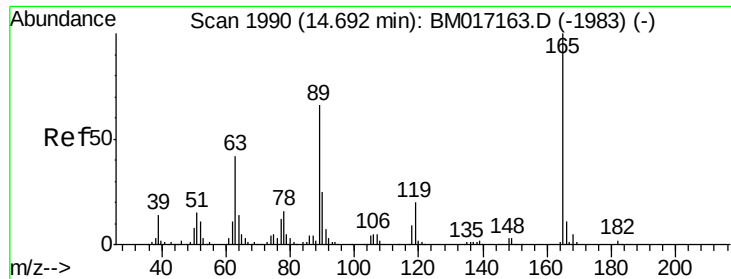
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#56
4-Nitrophenol
Concen: 71.124 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:139 Resp: 885329
Ion Ratio Lower Upper
139 100
109 78.7 51.8 91.8
65 98.2 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 42.164 ng

RT: 14.69 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

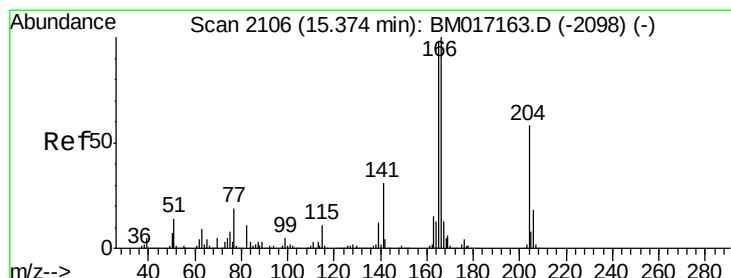
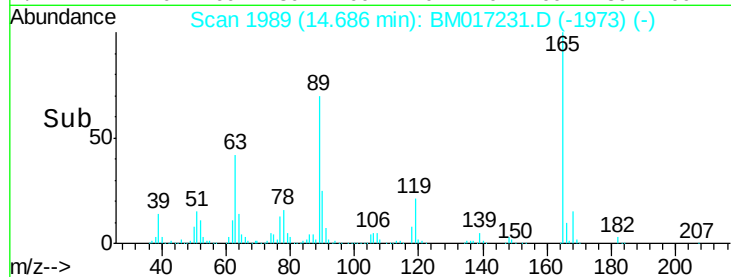
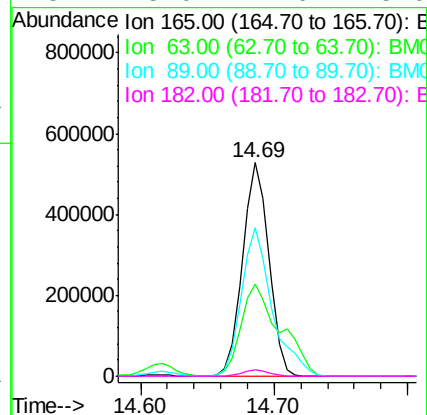
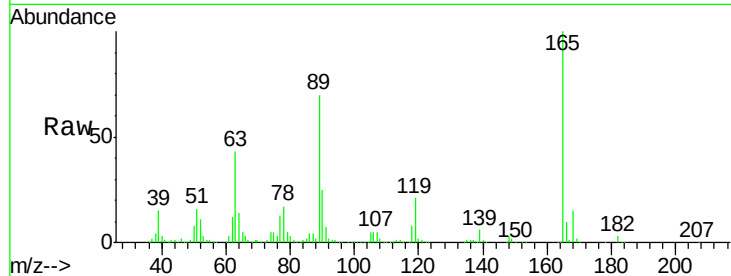
ClientSampleId :

PB113600BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	720285		
63	43.0	33.8	50.8	
89	69.6	53.1	79.7	
182	3.0	2.0	3.0#	

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#58

Fluorene

Concen: 43.351 ng

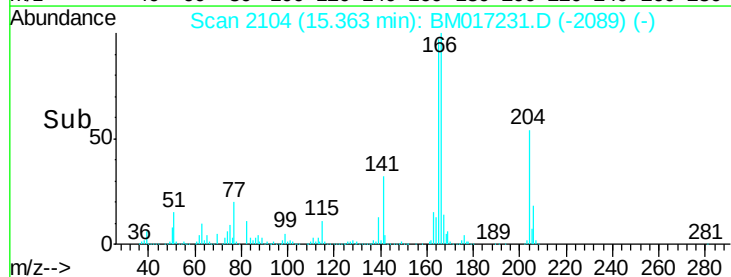
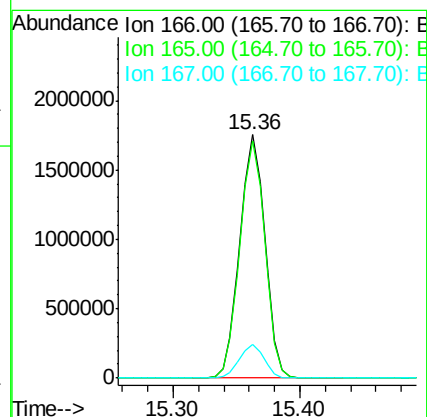
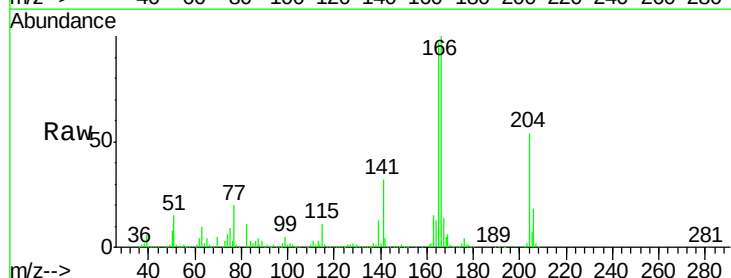
RT: 15.36 min Scan# 2104

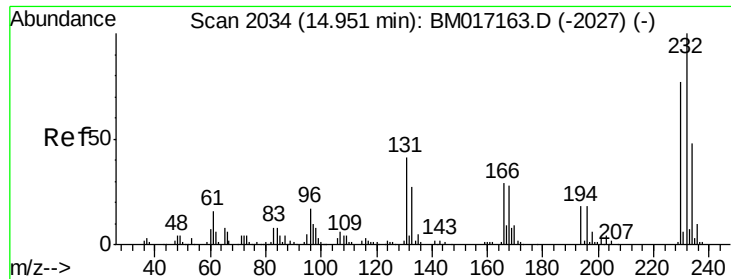
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2406478		
165	97.2	78.1	117.1	
167	13.7	10.6	16.0	





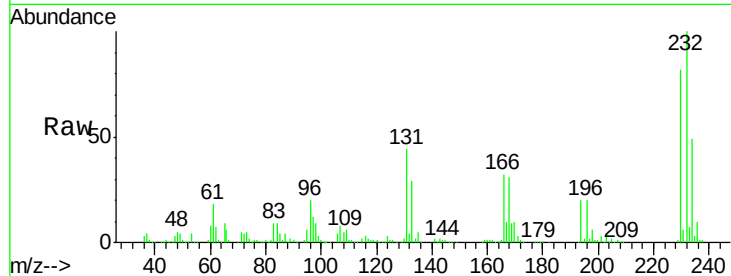
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.352 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BSD

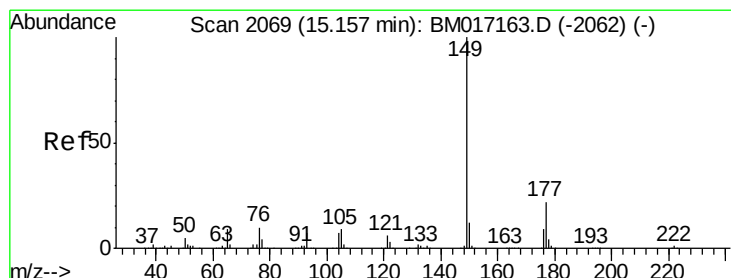
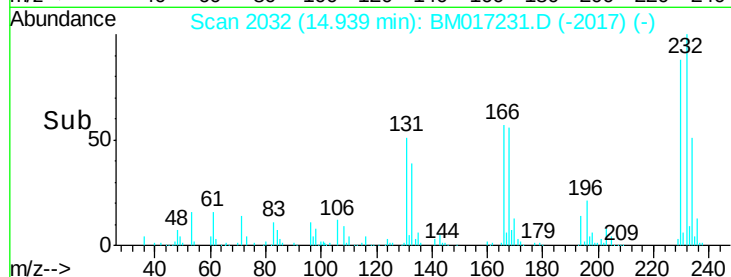
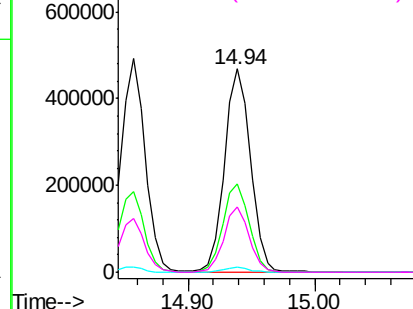
Tgt Ion:	232	Resp:	663383
Ion Ratio	Lower	Upper	
232	100		
131	43.9	33.1	49.7
130	2.5	1.7	2.5
166	31.3	24.4	36.6

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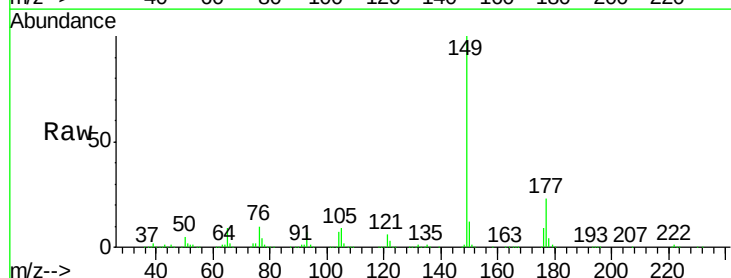


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

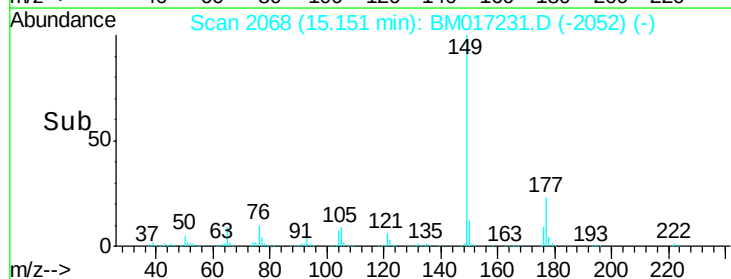
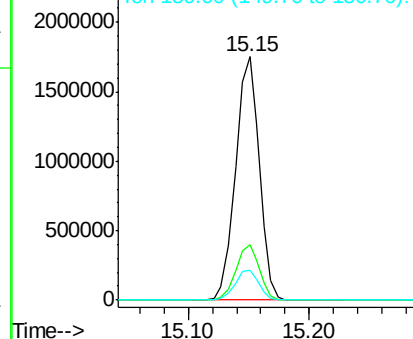


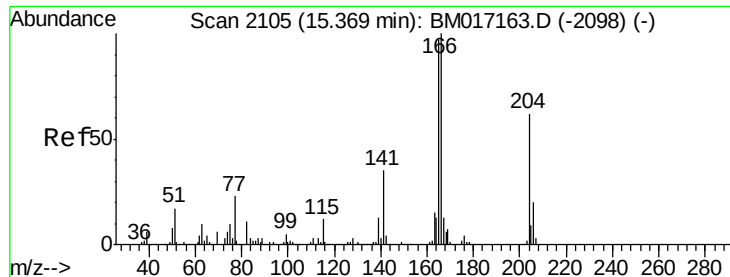
#60
 Diethylphthalate
 Concen: 41.709 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:	149	Resp:	2388639
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.7	26.5
150	12.3	10.0	15.0



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





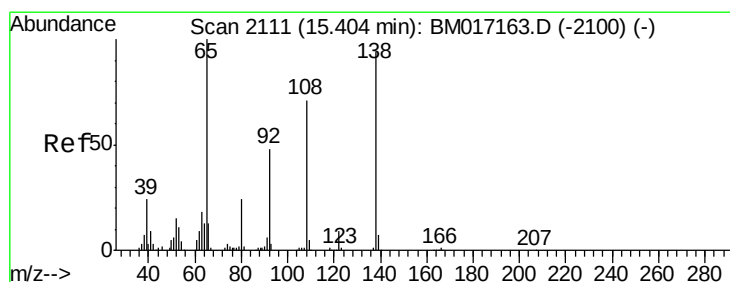
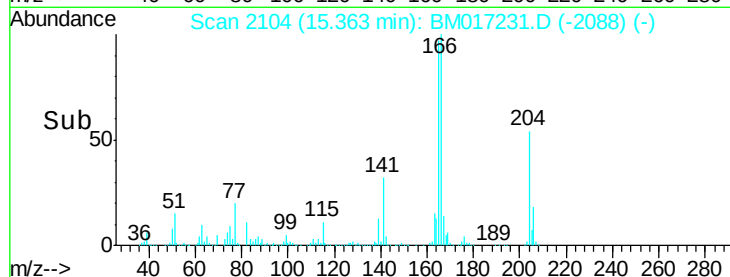
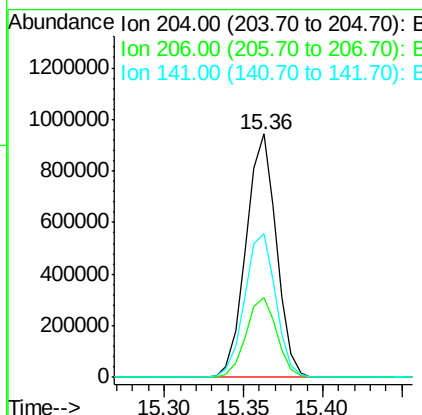
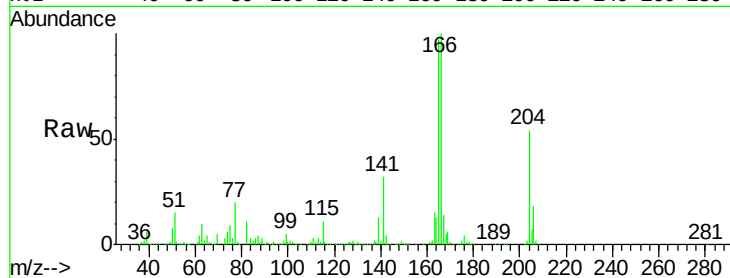
#61
4-Chlorophenyl-phenylether
Concen: 39.487 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion:204 Resp: 1249633
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 59.1 45.4 68.2

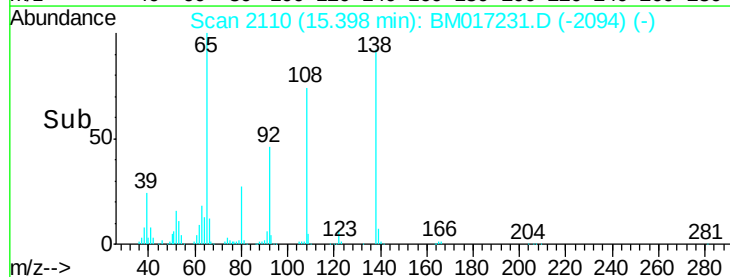
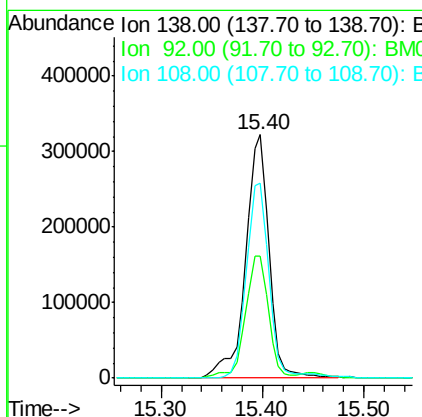
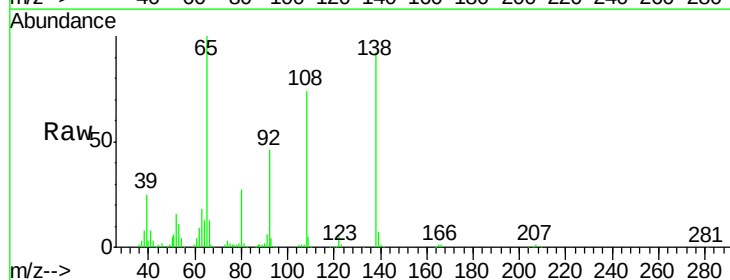
Manual Integrations
APPROVED

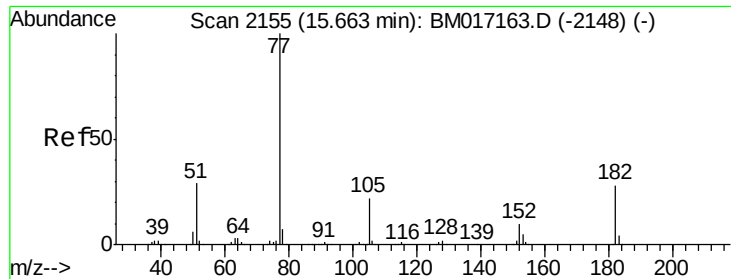
Sohil
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#62
4-Nitroaniline
Concen: 35.251 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:138 Resp: 520004
Ion Ratio Lower Upper
138 100
92 50.1 31.2 71.2
108 80.0 55.5 95.5





#63

Azobenzene

Concen: 41.605 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017231.D

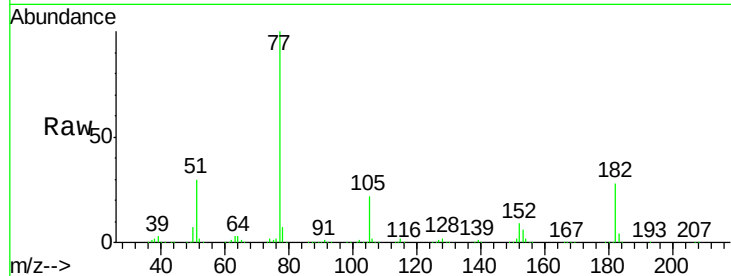
Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

PB113600BSD



Tgt Ion: 77 Resp: 2315934

Ion Ratio Lower Upper

77 100

182 28.2 8.3 48.3

105 21.5 1.5 41.5

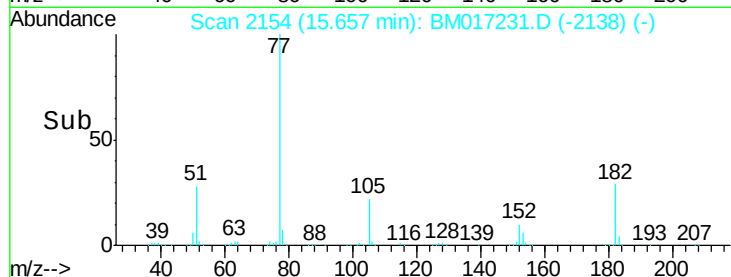
51 30.1 8.8 48.8

Manual Integrations

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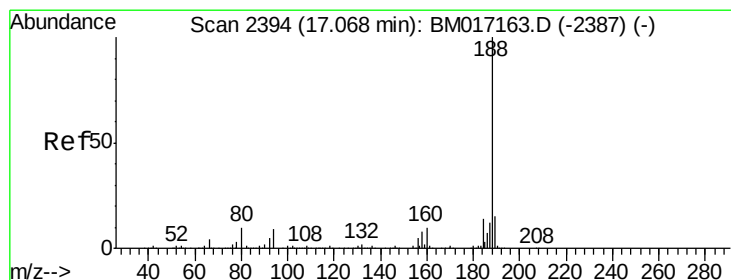
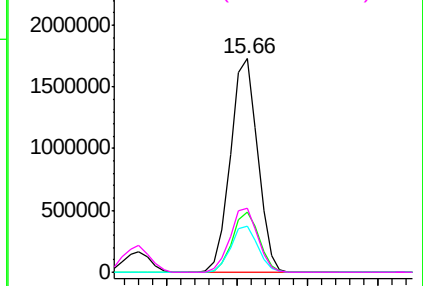
Abundance

Ion 77.00 (76.70 to 77.70): BM017231.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017231.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017231.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017231.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

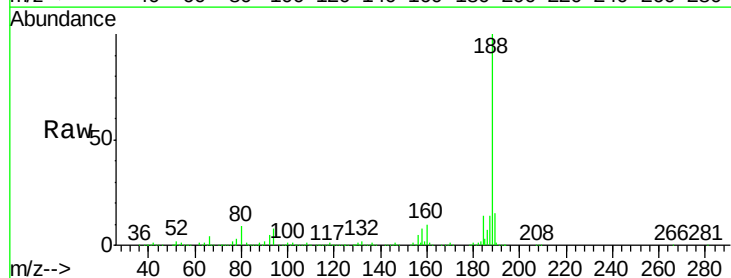
Tgt Ion: 188 Resp: 1543305

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.4 7.7 11.5

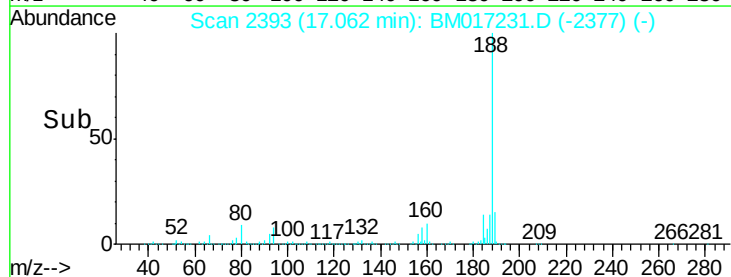
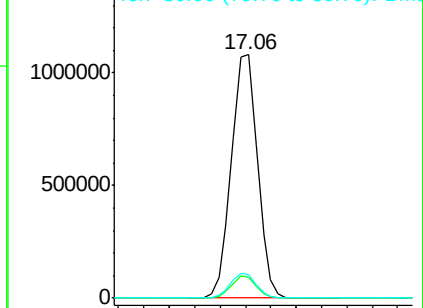


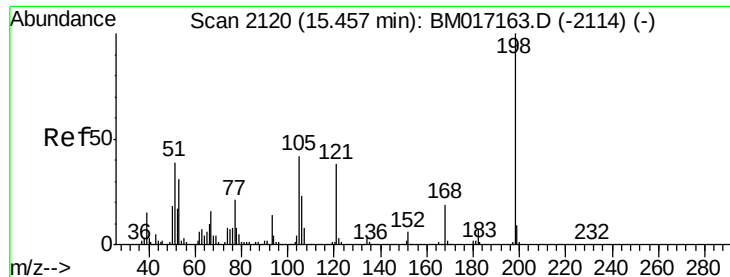
Abundance

Ion 188.00 (187.70 to 188.70): BM017231.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017231.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017231.D (-2377) (-)





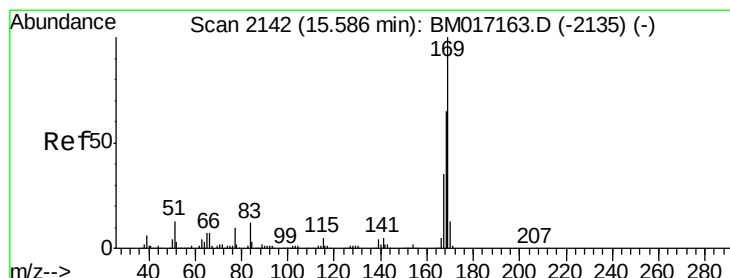
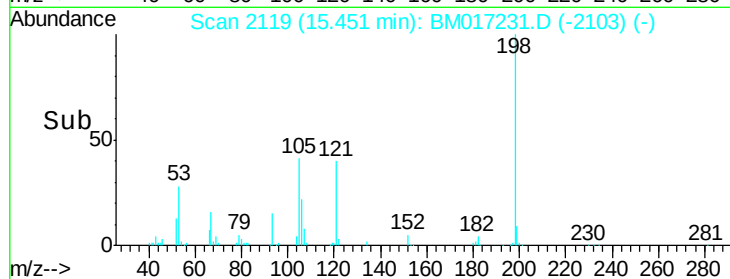
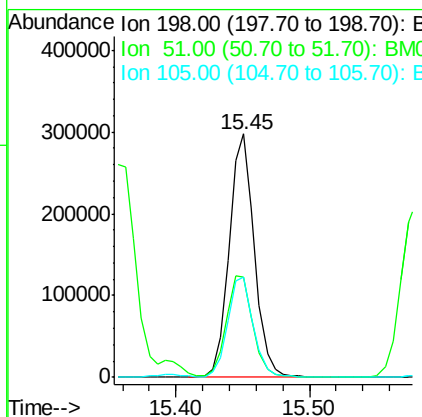
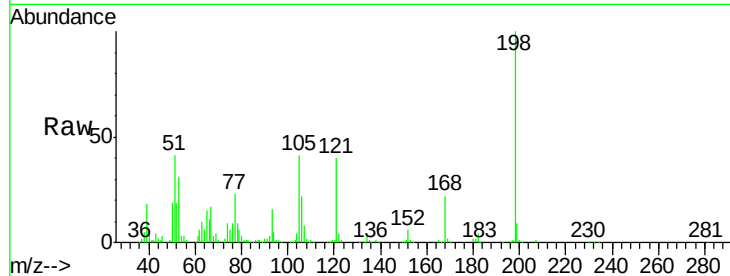
#65
4,6-Dinitro-2-methylphenol
Concen: 40.802 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	392179		
51	41.4	20.3	60.3	
105	41.0	21.9	61.9	

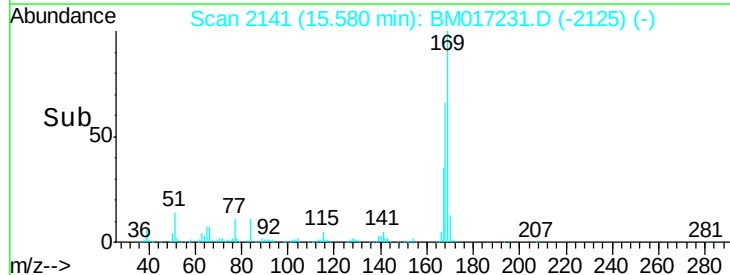
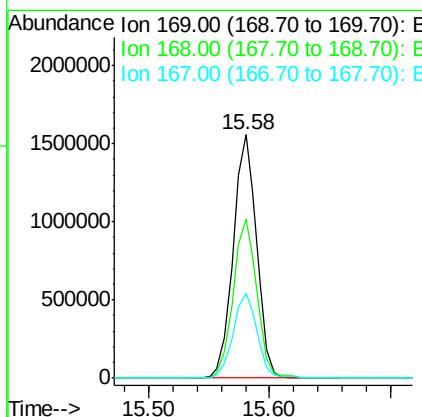
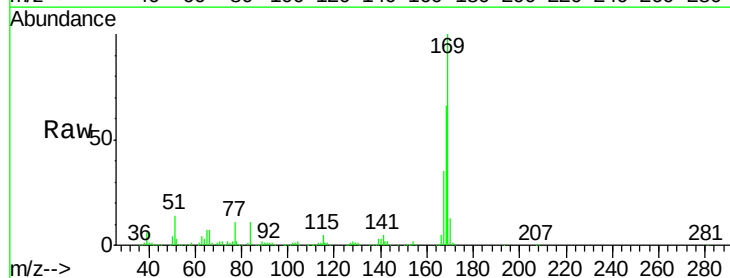
Manual Integrations
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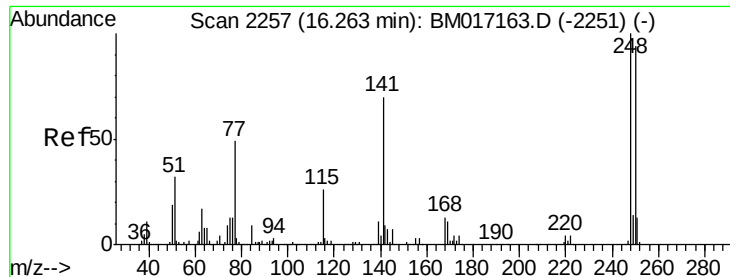
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#66
n-Nitrosodiphenylamine
Concen: 44.841 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2093755		
168	65.6	52.2	78.4	
167	34.9	28.4	42.6	





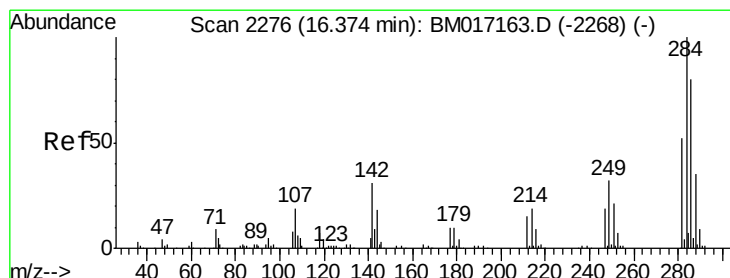
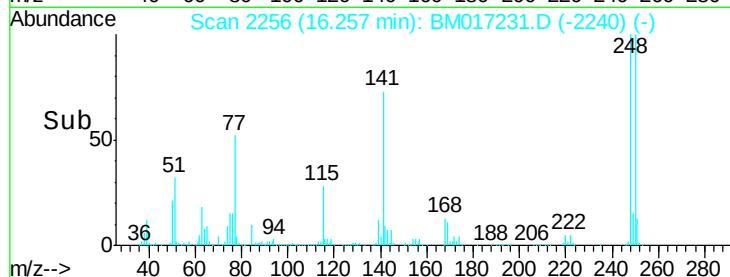
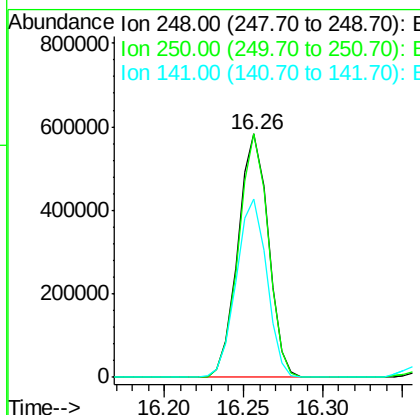
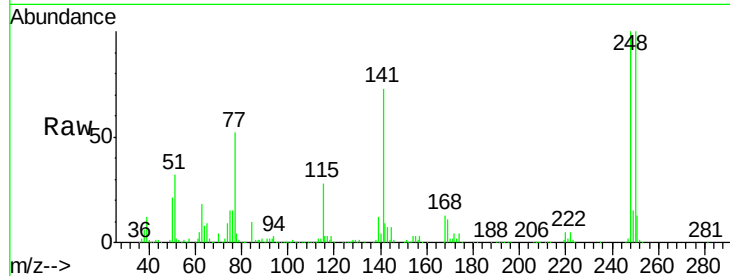
#67
4-Bromophenyl-phenylether
Concen: 45.683 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	75.1	112.7
141	73.4	55.6	83.4

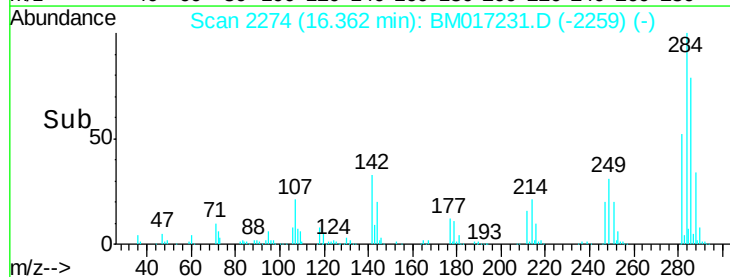
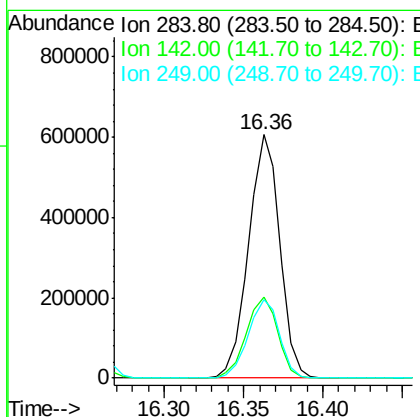
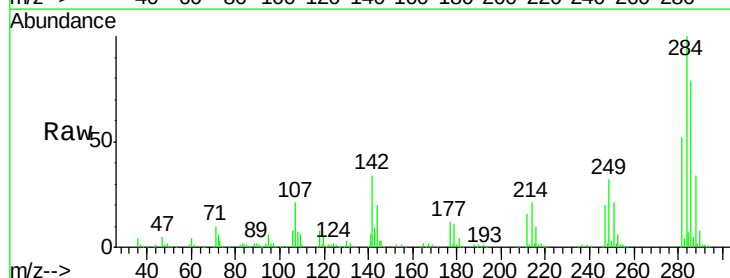
Manual Integrations
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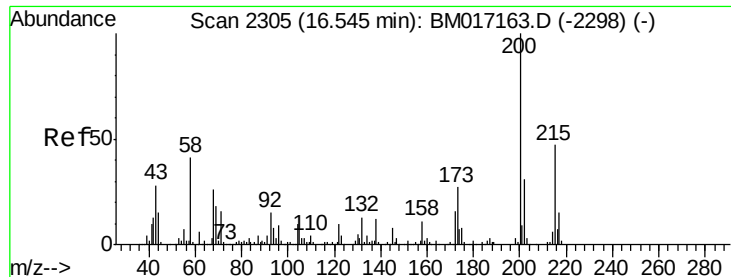
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#68
Hexachlorobenzene
Concen: 42.038 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.0	37.6
249	32.3	25.5	38.3





#69

Atrazine

Concen: 43.054 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

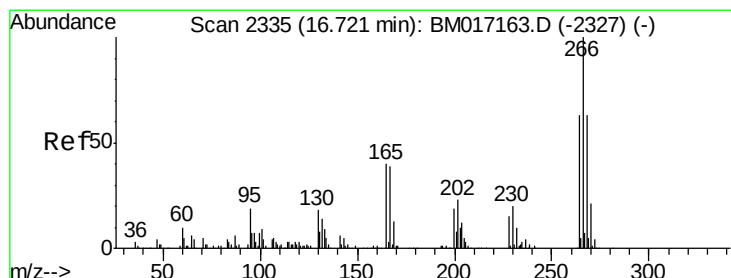
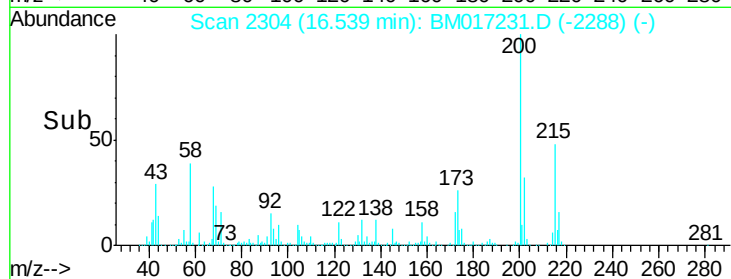
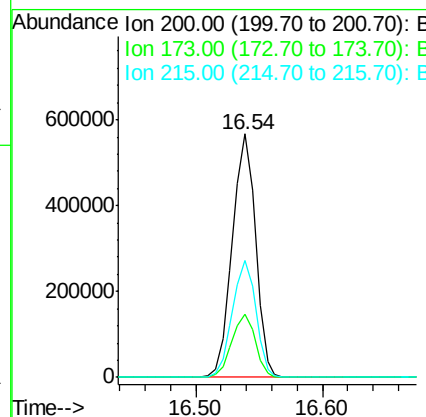
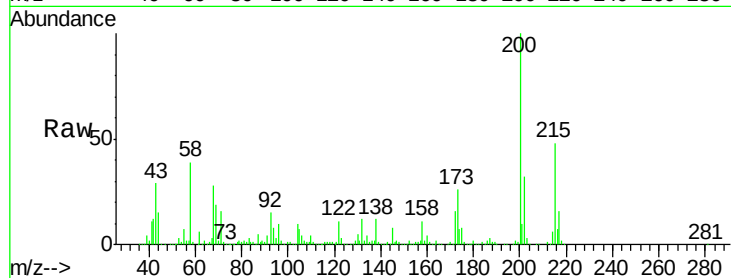
ClientSampleId :

PB113600BSD

Tgt Ion:	200	Resp:	719492
Ion Ratio	Lower	Upper	
200	100		
173	26.0	7.0	47.0
215	48.0	27.3	67.3

Manual Integrations
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#70

Pentachlorophenol

Concen: 70.709 ng

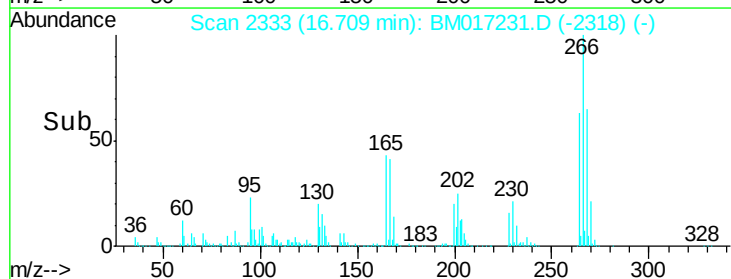
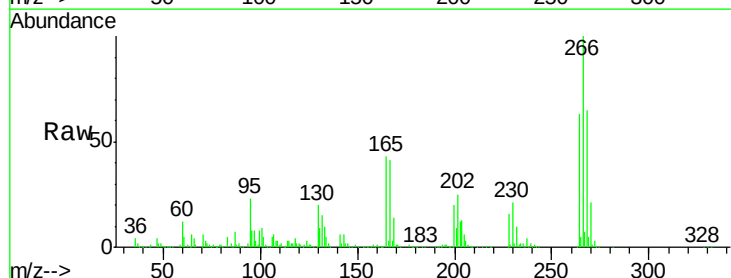
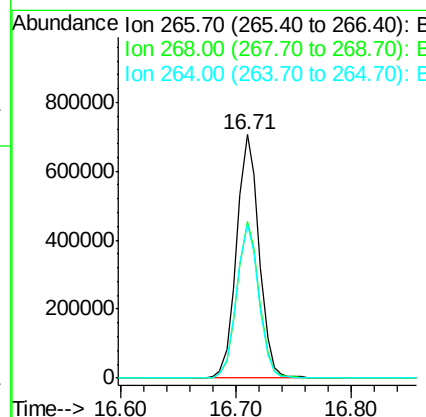
RT: 16.71 min Scan# 2333

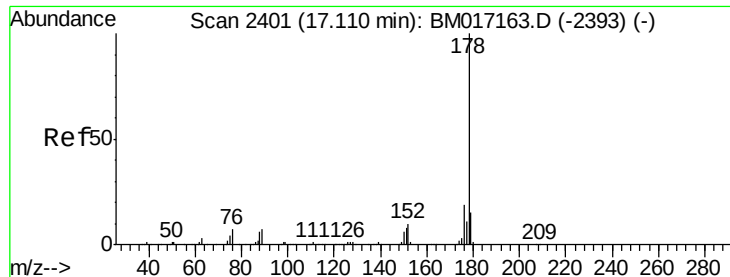
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:	266	Resp:	953447
Ion Ratio	Lower	Upper	
266	100		
268	64.6	50.7	76.1
264	63.3	50.4	75.6





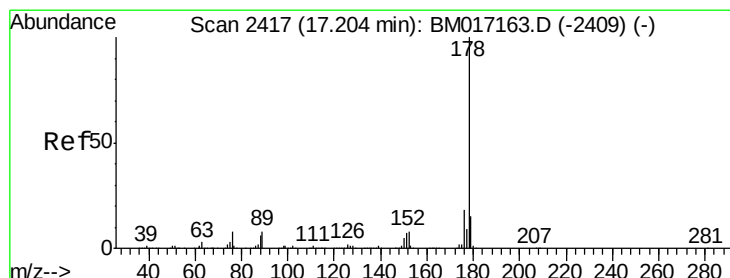
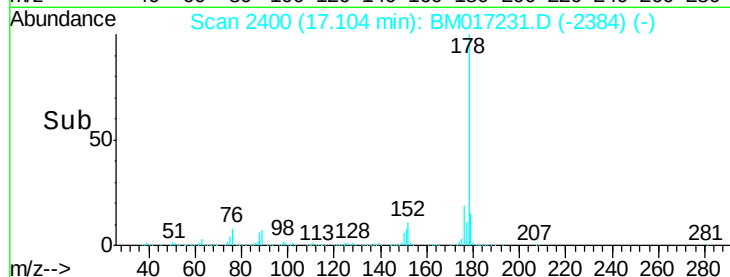
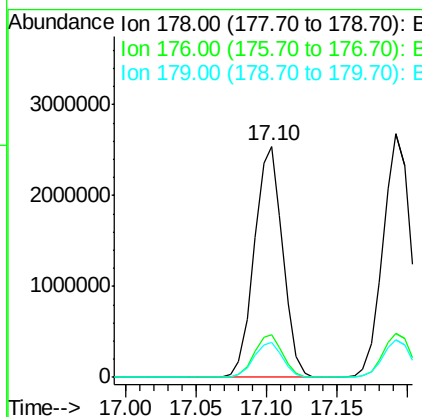
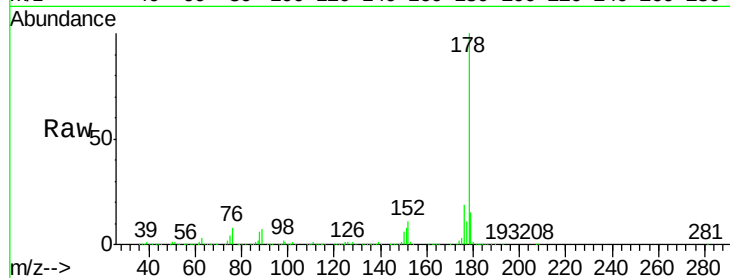
#71
Phenanthrene
Concen: 43.155 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion:178 Resp: 3593334
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.4 12.3 18.5

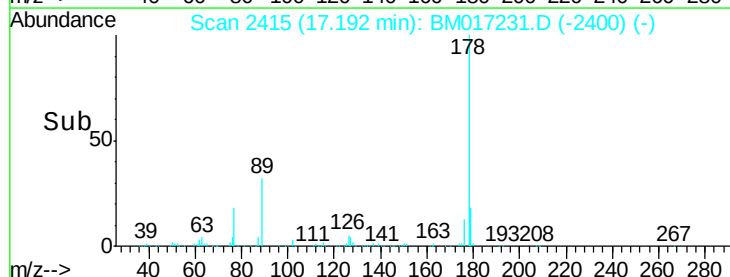
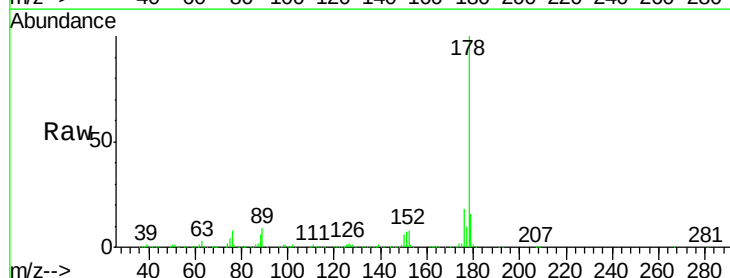
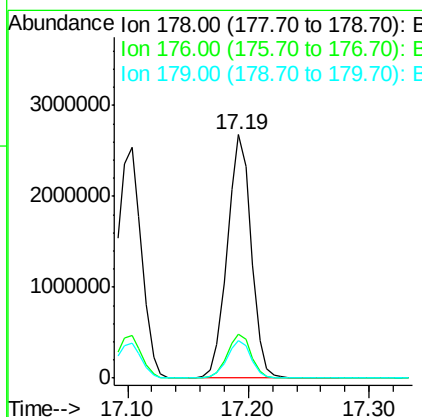
Manual Integrations
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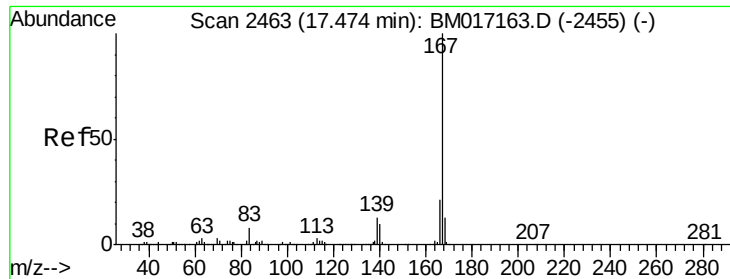
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#72
Anthracene
Concen: 46.381 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:178 Resp: 3669600
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.6 12.2 18.2





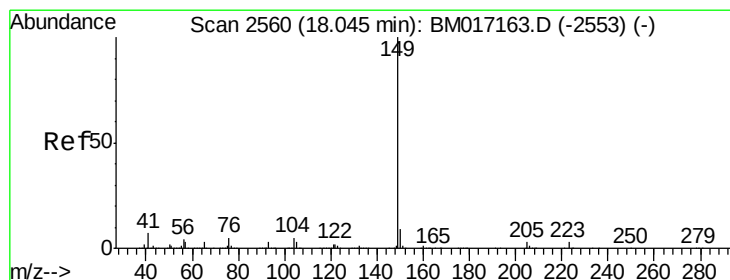
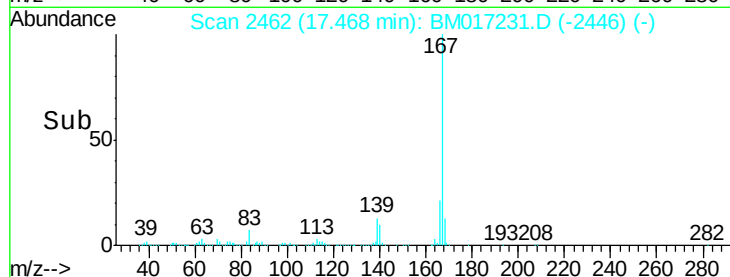
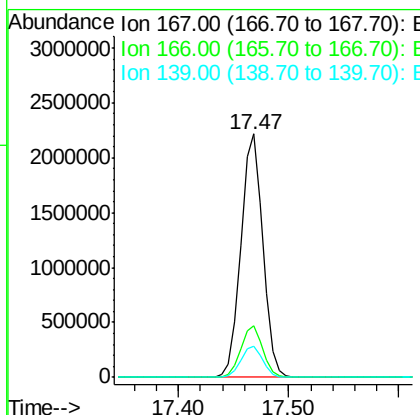
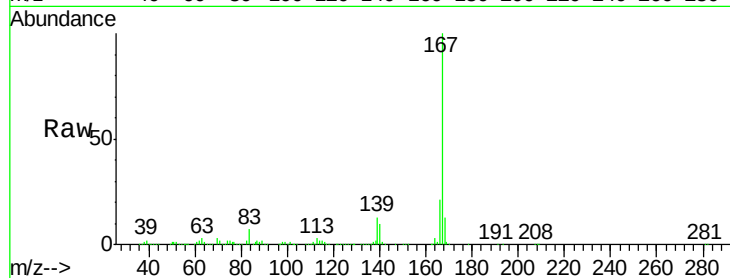
#73
 Carbazole
 Concen: 38.407 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BSD

Tgt Ion:167 Resp: 3104028
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.7 10.1 15.1

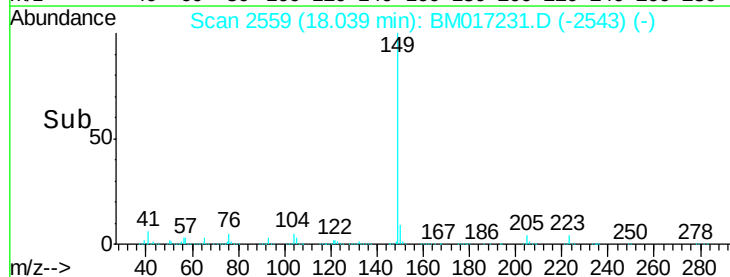
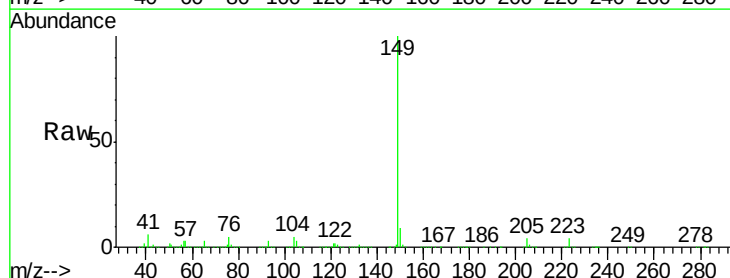
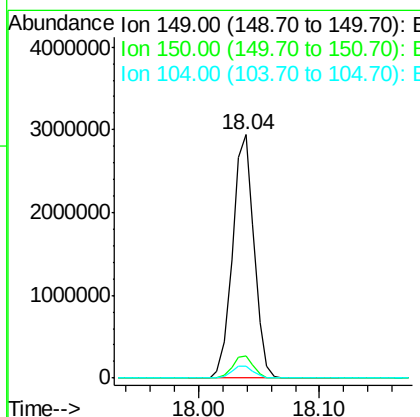
Manual Integrations
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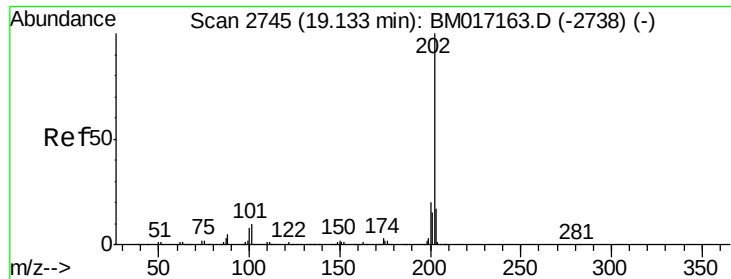
Sohil
 10/22/2018 1:09:17 PM



#74
 Di-n-butylphthalate
 Concen: 42.505 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:149 Resp: 3623179
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 4.3 6.5





#75

Fluoranthene

Concen: 40.175 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

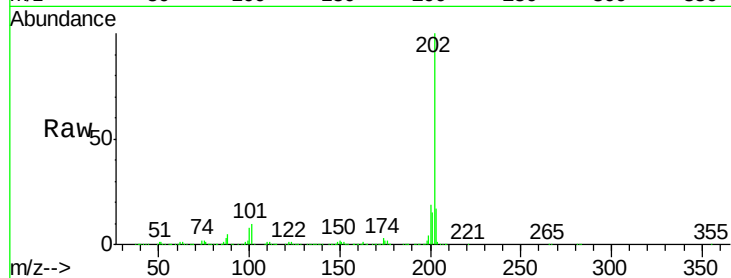
ClientSampleId :

PB113600BSD

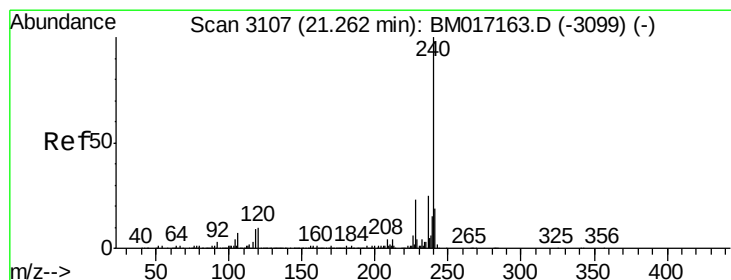
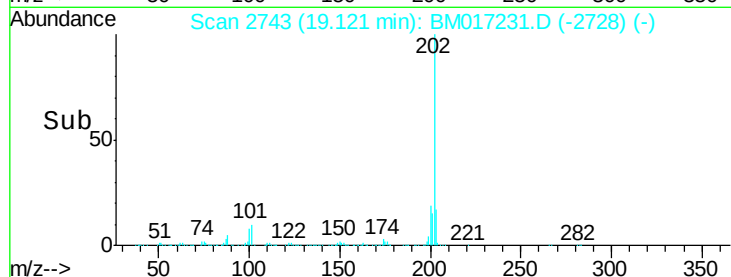
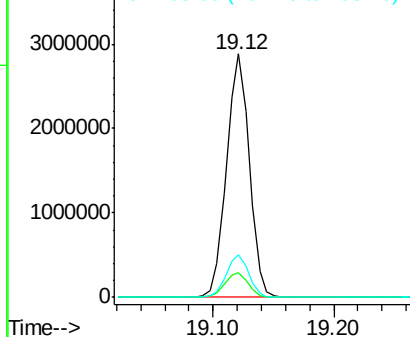
Tgt	Ion	202	Resp	3764222
Ion	Ratio	Lower	Upper	
202	100			
101	10.2	0.0	30.0	
203	17.5	0.0	37.2	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

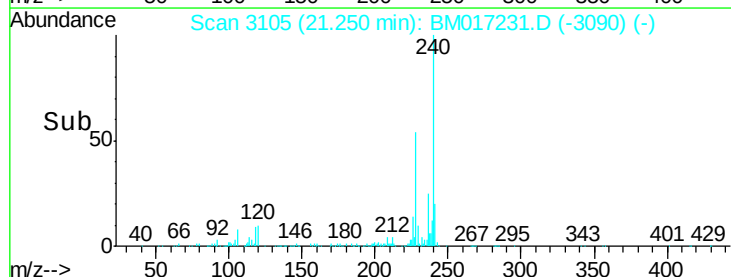
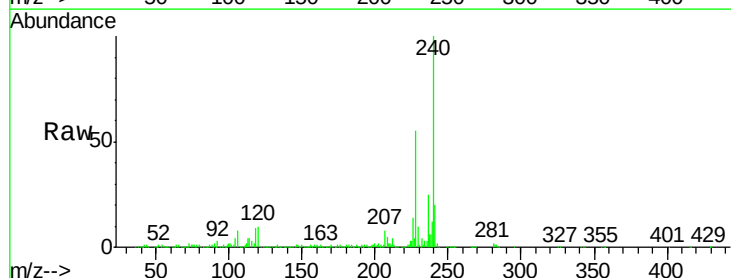
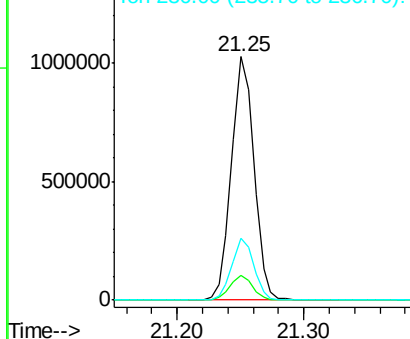
Delta R.T. -0.01 min

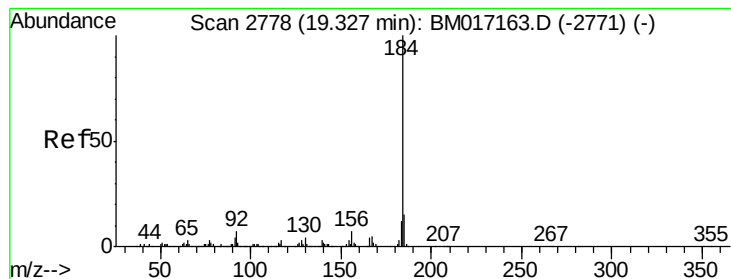
Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt	Ion	240	Resp	1259598
Ion	Ratio	Lower	Upper	
240	100			
120	10.2	8.1	12.1	
236	25.4	19.9	29.9	

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.453 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

PB113600BSD

Tgt Ion:184 Resp: 1739190

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

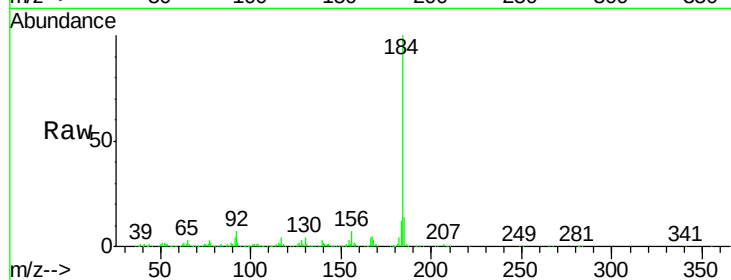
183 11.7 9.7 14.5

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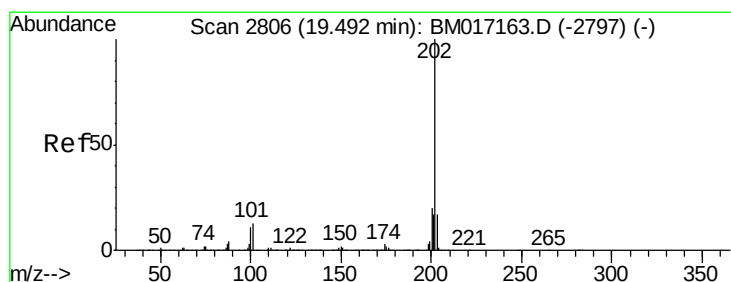
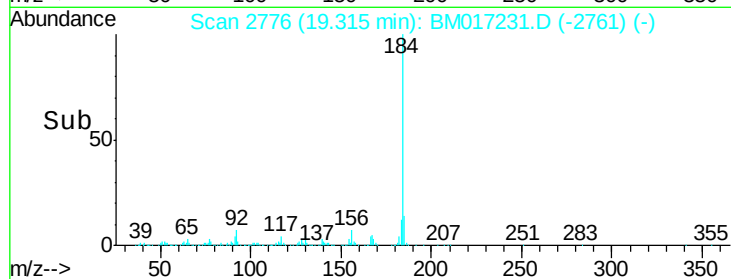
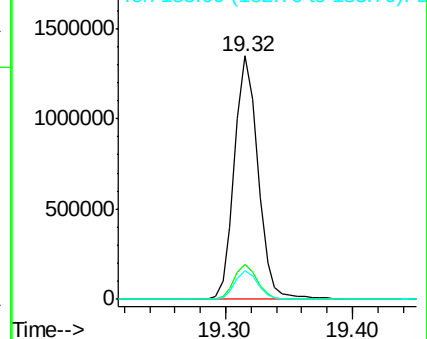
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.211 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

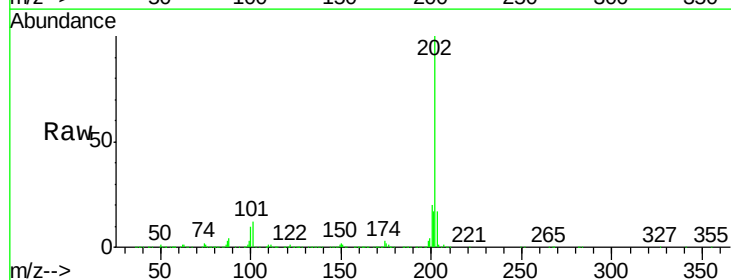
Tgt Ion:202 Resp: 3746029

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

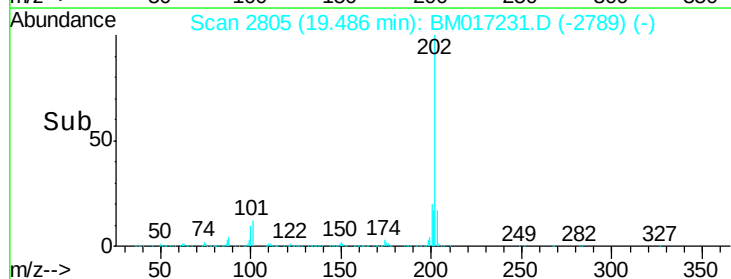
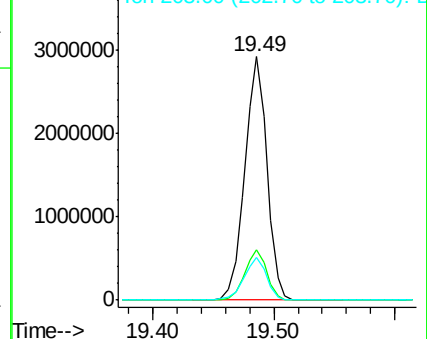
203 17.4 13.9 20.9

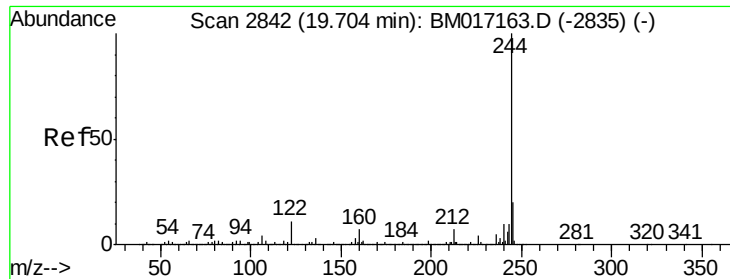


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





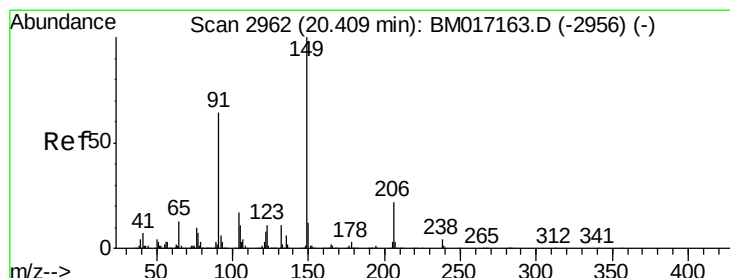
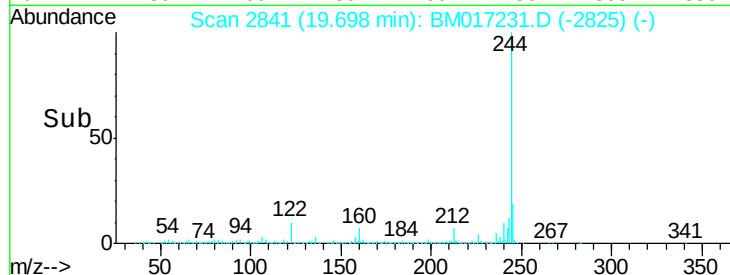
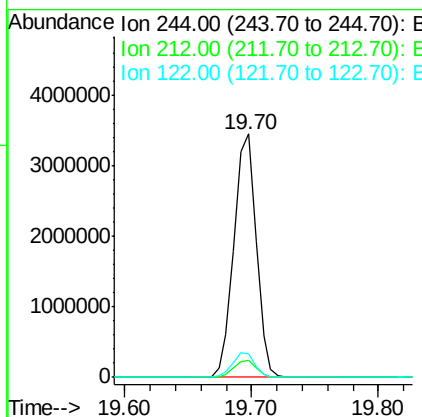
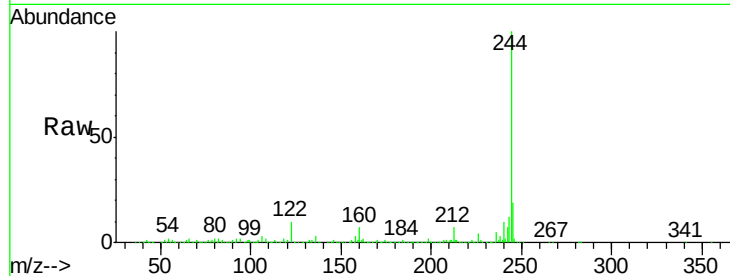
#79
 Terphenyl-d14
 Concen: 74.846 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BSD

Tgt Ion:244 Resp: 4182587
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.6 8.4 12.6

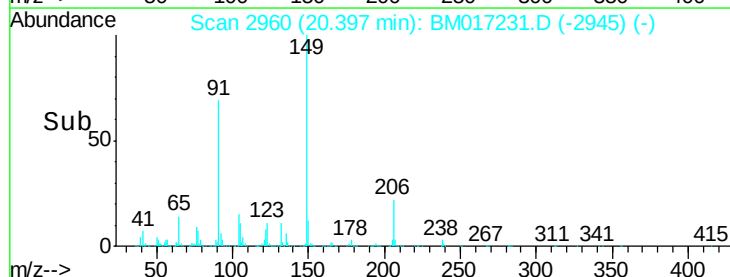
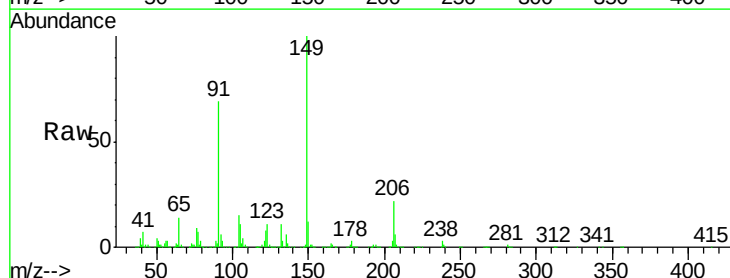
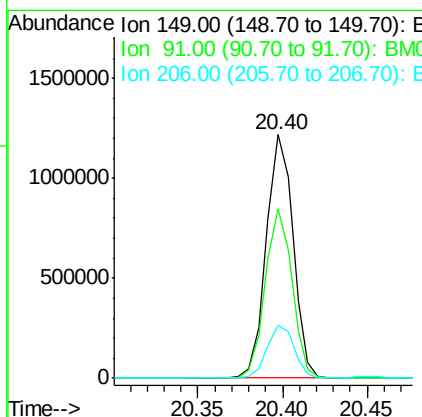
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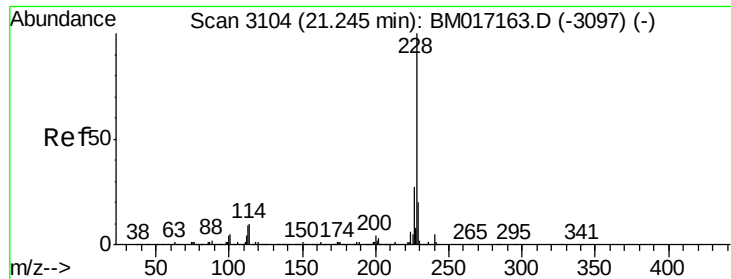
Sohil
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#80
 Butylbenzylphthalate
 Concen: 49.707 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:149 Resp: 1339639
 Ion Ratio Lower Upper
 149 100
 91 69.5 51.3 76.9
 206 21.9 18.0 27.0





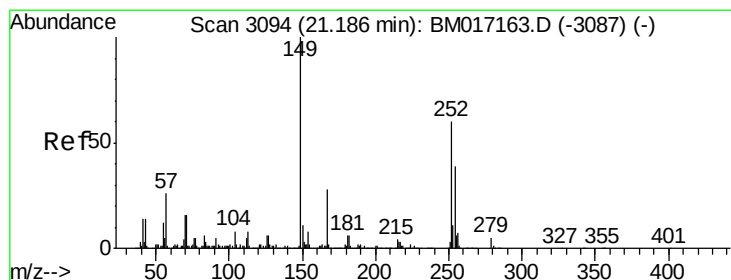
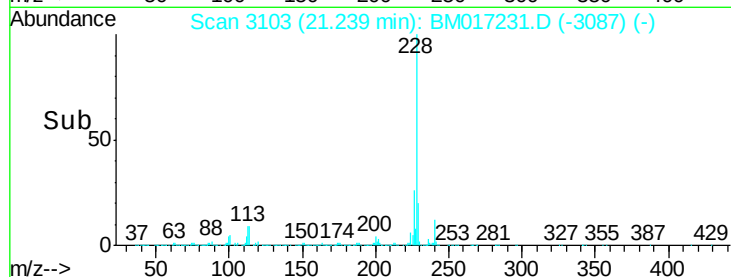
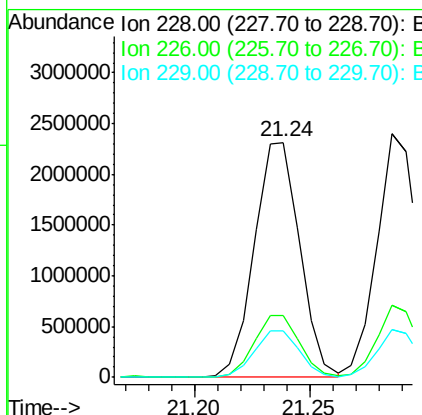
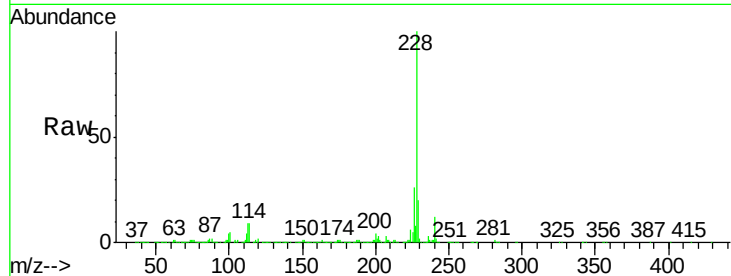
#81
Benzo(a)anthracene
Concen: 44.713 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion: 228 Resp: 3169408
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.5 15.9 23.9

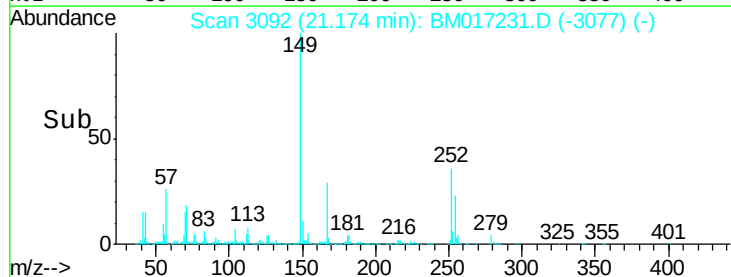
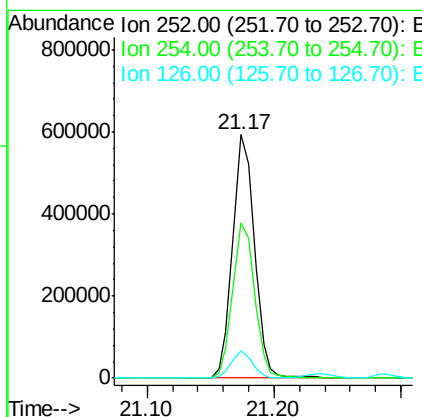
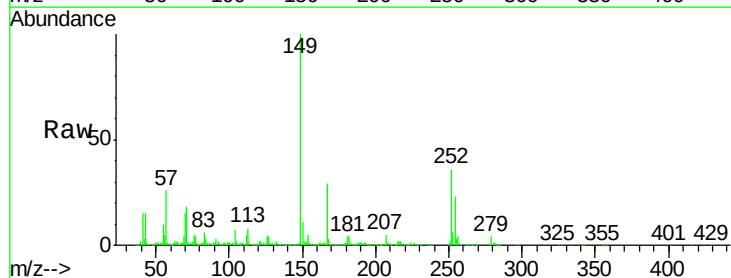
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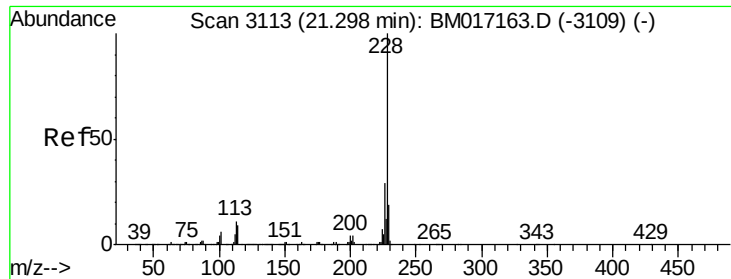
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 26.825 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion: 252 Resp: 708669
Ion Ratio Lower Upper
252 100
254 63.8 52.1 78.1
126 11.0 8.6 12.8





#83
Chrysene
 Concen: 42.390 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

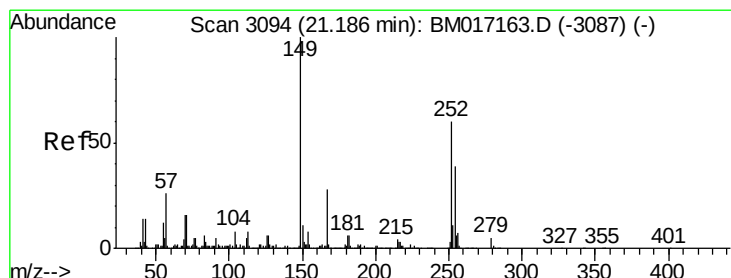
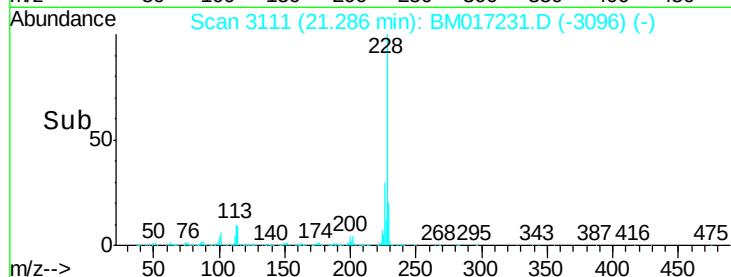
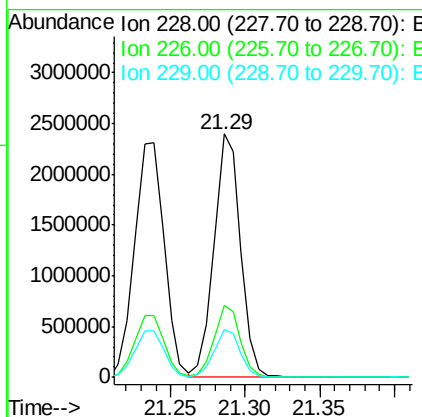
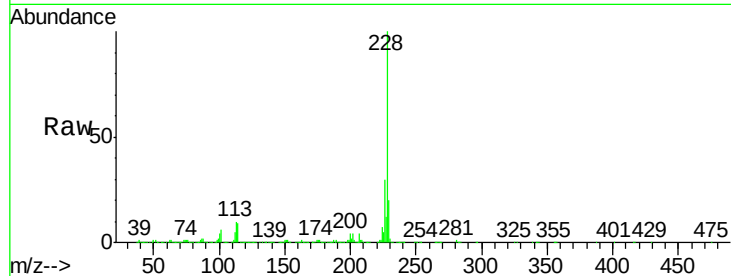
Instrument :
 BNA_M
 ClientSampleId :
 PB113600BSD

Tgt Ion: 228 Resp: 2974034

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	19.9	15.6	23.4

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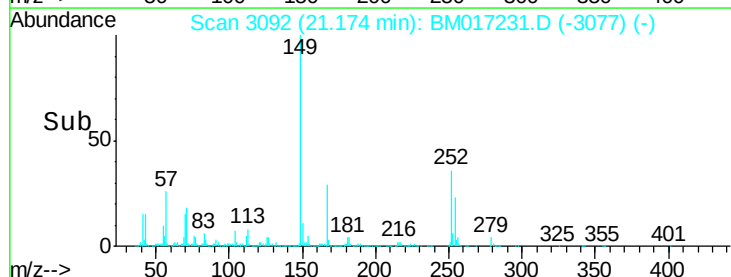
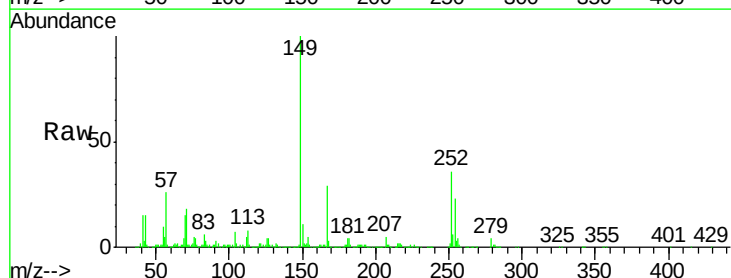
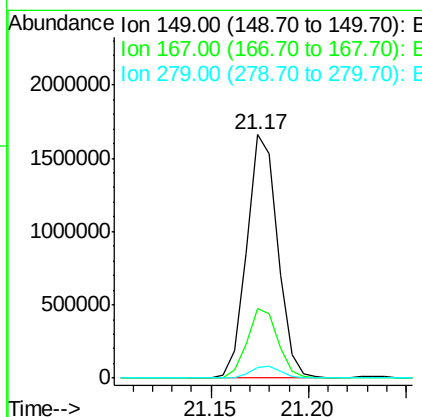
Sohil
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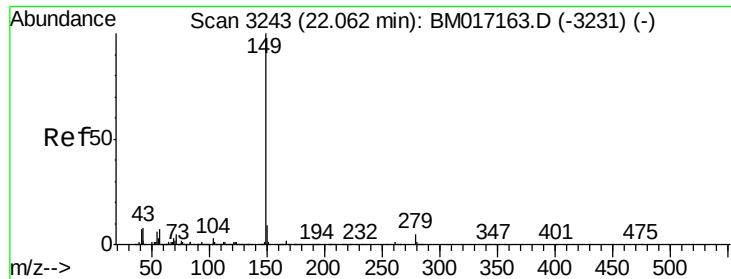


#84
Bis(2-ethylhexyl)phthalate
 Concen: 44.628 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion: 149 Resp: 1812020

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.4
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 41.029 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

PB113600BSD

Tgt Ion:149 Resp: 2785421

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

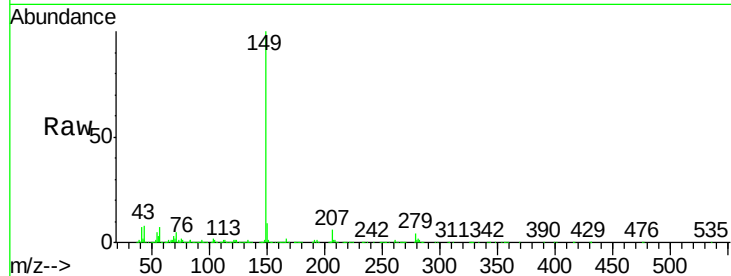
43 8.8 7.2 10.8

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

22.05

2000000

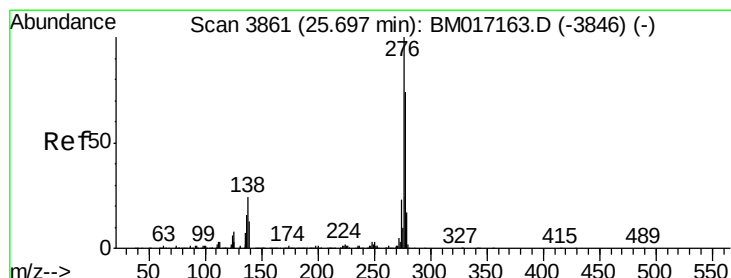
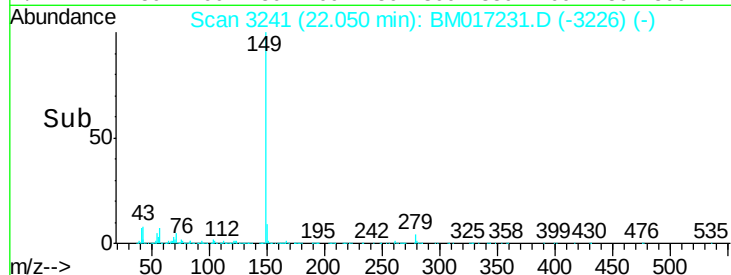
1500000

1000000

500000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.022 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

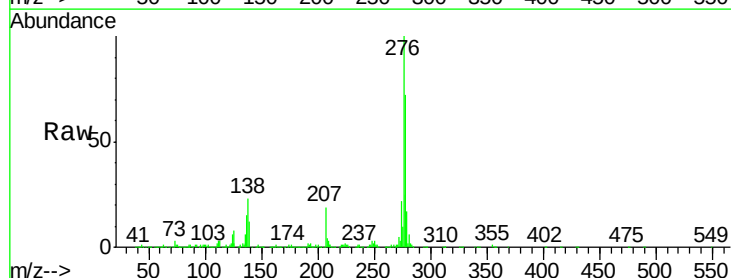
Tgt Ion:276 Resp: 2669789

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.67

1200000

1000000

800000

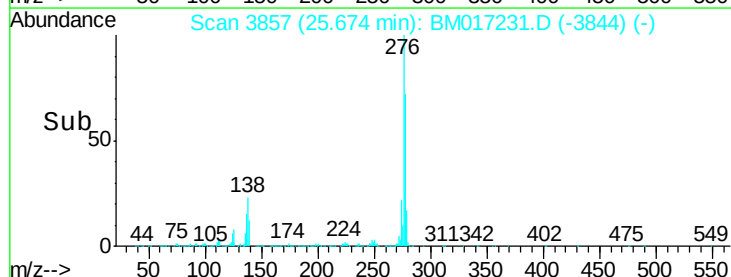
600000

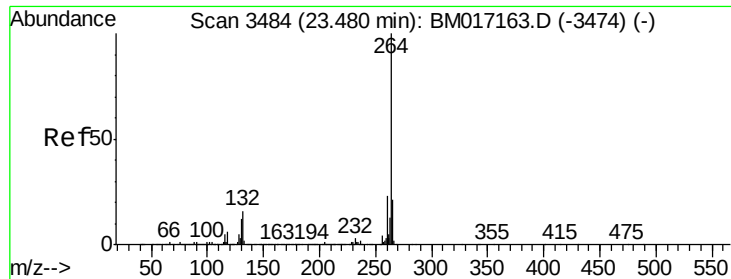
400000

200000

0

Time-->





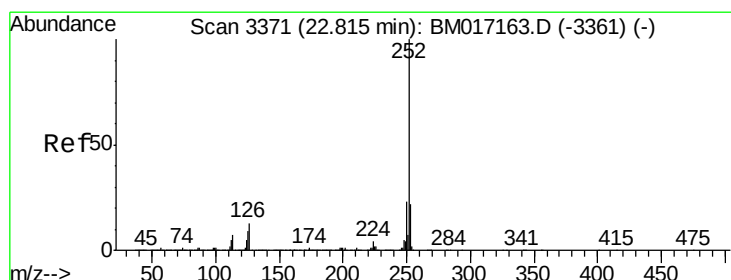
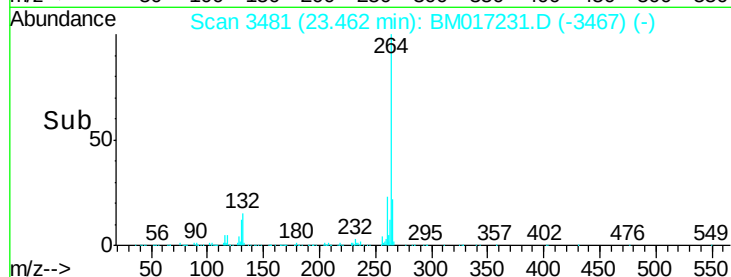
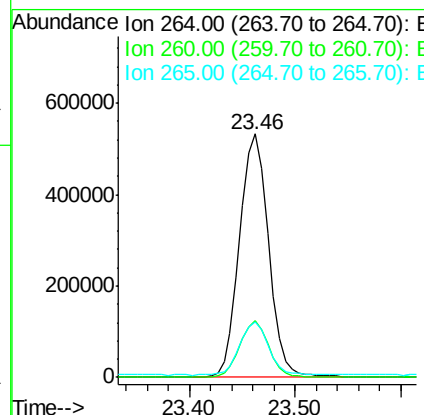
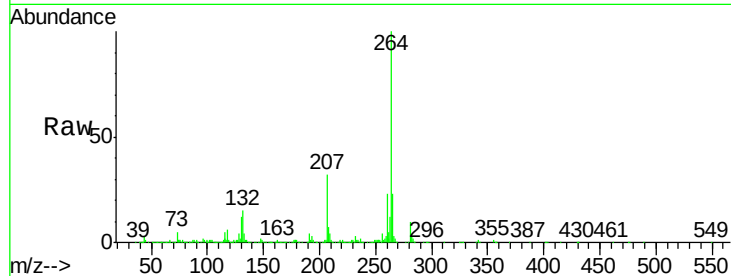
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion:264 Resp: 1020203
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 22.7 17.8 26.8

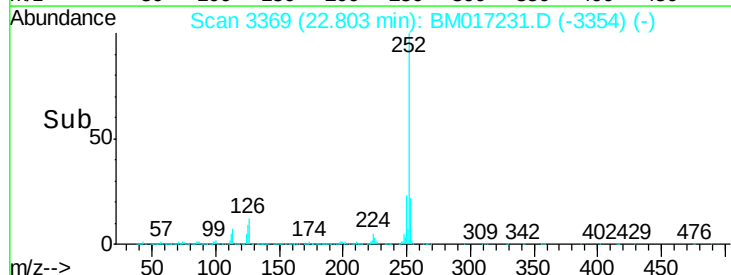
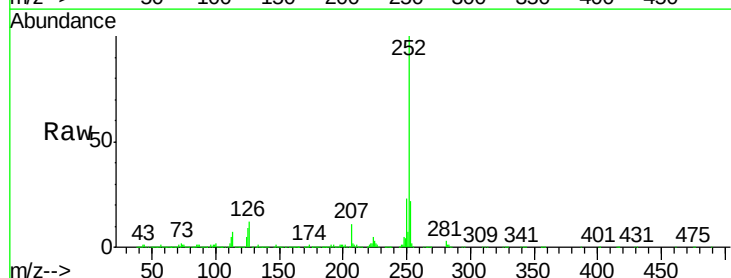
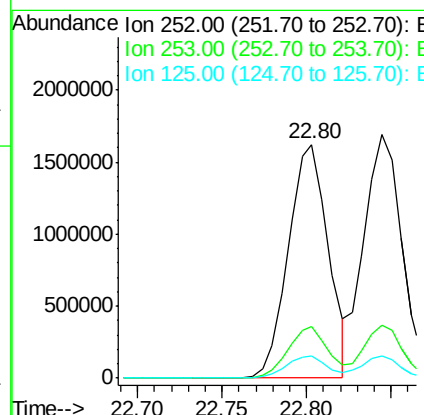
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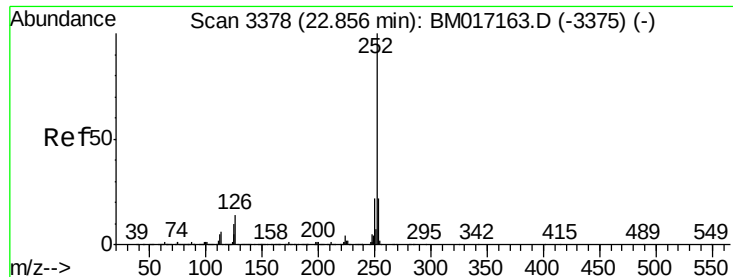
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.631 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:252 Resp: 2656796
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.4 7.5 11.3





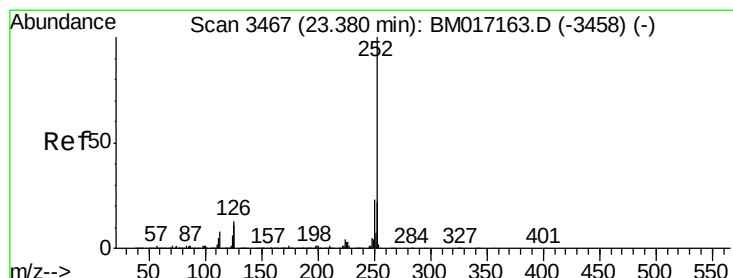
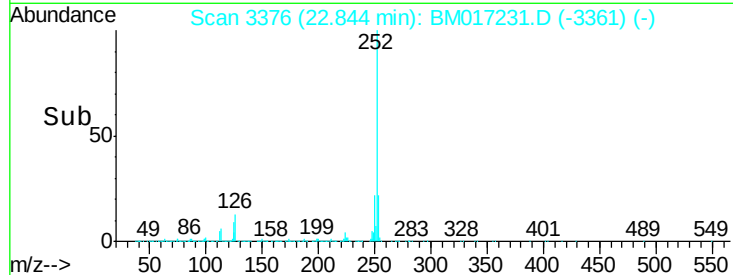
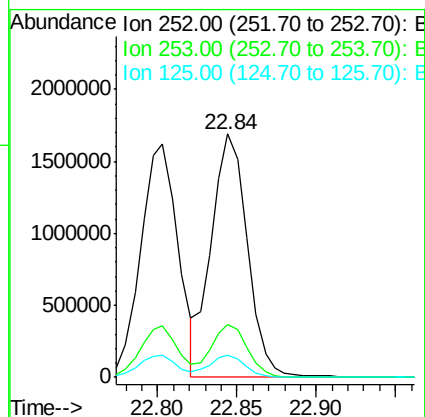
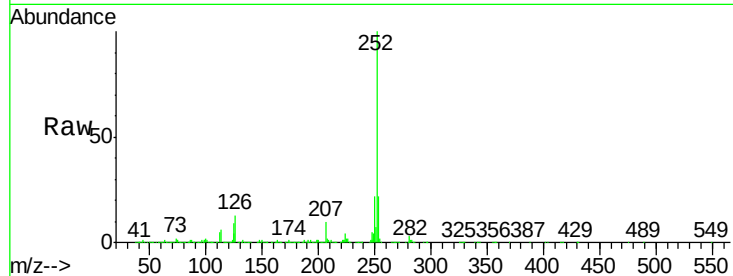
#89
Benzo(k)fluoranthene
Concen: 47.519 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.4	8.2	12.2

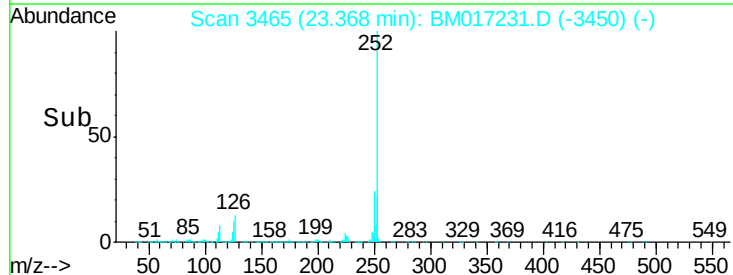
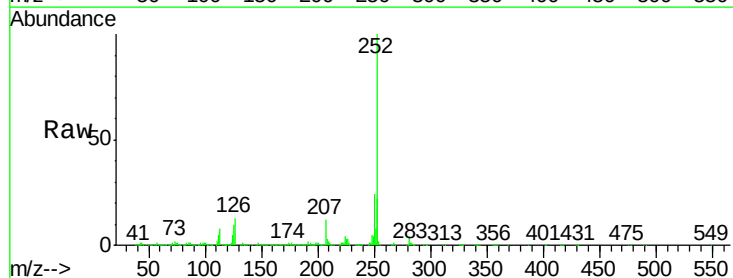
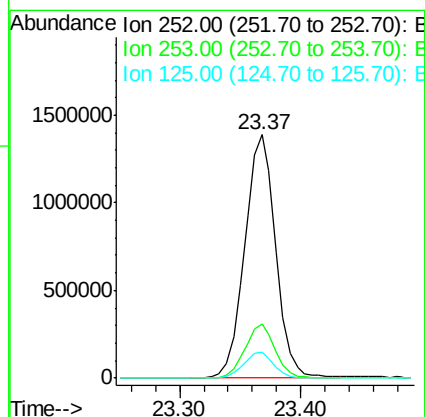
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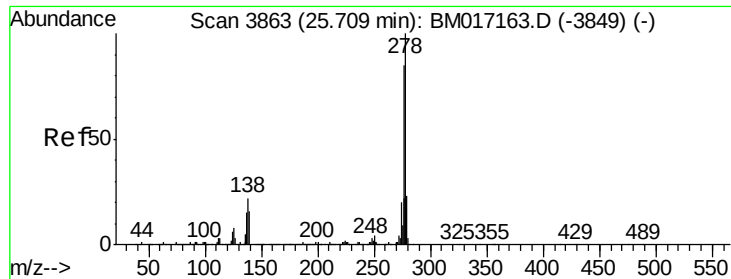
Sohil
10/22/2018 1:09:17 PM



#90
Benzo(a)pyrene
Concen: 46.614 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.5	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.136 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

PB113600BSD

Tgt Ion:278 Resp: 2268388

Ion Ratio Lower Upper

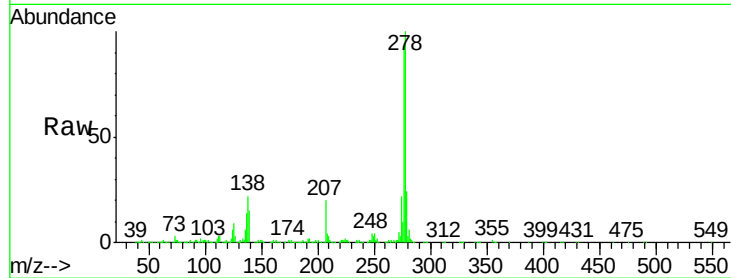
278 100

139 15.0 12.7 19.1

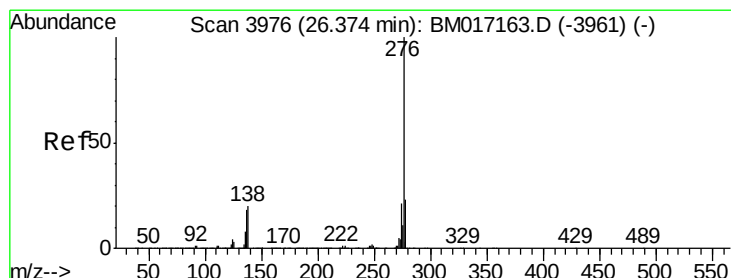
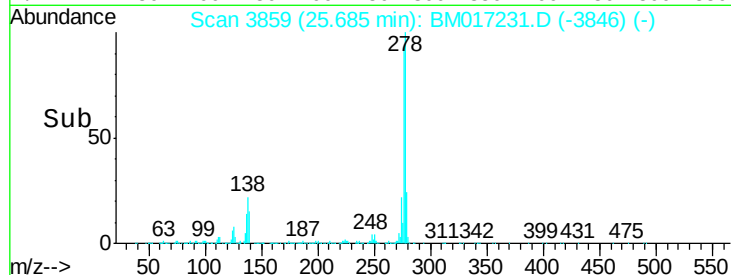
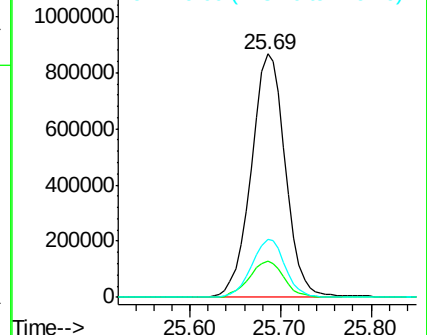
279 23.8 18.7 28.1

Manual Integrations
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10/22/2018 1:09:17 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: 42.447 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

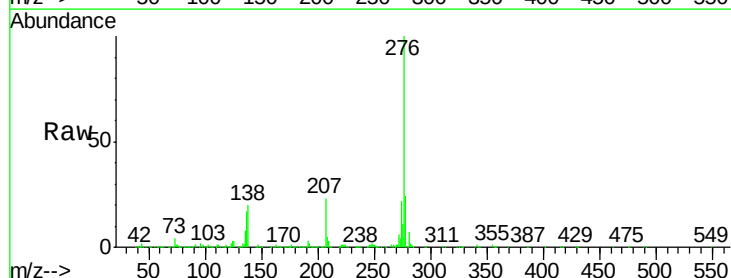
Tgt Ion:276 Resp: 2212343

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 19.8 16.4 24.6



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

