

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017229.D
 Acq On : 19 Oct 2018 14:38
 Operator : MJ/SJ
 Sample : PB113600BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Manual Integrations
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 10/22/2018 1:09:15 PM

Quant Time: Oct 20 04:06:28 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	338323	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1445453	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	806868	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1583883	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1220503	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1024922	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2896300	144.79	ng	0.00
7) Phenol-d6	6.86	99	3759830	138.01	ng	0.00
23) Nitrobenzene-d5	8.82	82	2025517	81.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1347430	123.48	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4965271	81.88	ng	0.00
79) Terphenyl-d14	19.70	244	4119764	76.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	316058	30.942	ng	# 88
3) Pyridine	3.65	79	900604	38.319	ng	88
4) n-Nitrosodimethylamine	3.56	42	405313	42.958	ng	# 71
6) Aniline	7.01	93	1334079	39.150	ng	97
8) 2-Chlorophenol	7.24	128	1055152	45.596	ng	97
9) Benzaldehyde	6.82	77	487316	28.054	ng	96
10) Phenol	6.88	94	1288464	43.944	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	913175	39.069	ng	97
12) 1,3-Dichlorobenzene	7.56	146	1074346	39.825	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1100247	39.920	ng	98
14) 1,2-Dichlorobenzene	8.02	146	1047568	39.449	ng	98
15) Benzyl Alcohol	7.92	79	910184	45.707	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1246909	38.185	ng	100
17) 2-Methylphenol	8.11	107	867249	46.082	ng	97
18) Hexachloroethane	8.73	117	390826	41.435	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	742729	41.404	ng	98
20) 3+4-Methylphenols	8.44	107	1166681	45.325	ng	99
22) Acetophenone	8.49	105	1495904	40.827	ng	# 99
24) Nitrobenzene	8.86	77	1100687	42.103	ng	95
25) Isophorone	9.39	82	1960593	48.041	ng	98
26) 2-Nitrophenol	9.57	139	538871	44.513	ng	96
27) 2,4-Dimethylphenol	9.63	122	961520	53.282	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1267544	44.127	ng	99
29) 2,4-Dichlorophenol	10.10	162	989373	47.220	ng	100
30) 1,2,4-Trichlorobenzene	10.31	180	1010747	40.213	ng	99
31) Naphthalene	10.49	128	3068719	43.322	ng	100
32) Benzoic acid	9.79	122	590043	43.822	ng	91
33) 4-Chloroaniline	10.61	127	627024	20.495	ng	97
34) Hexachlorobutadiene	10.77	225	627857	39.424	ng	99
35) Caprolactam	11.41	113	265425m	34.760	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1021273	43.242	ng	98
37) 2-Methylnaphthalene	12.11	142	2283465	47.108	ng	99
38) 1-Methylnaphthalene	12.33	142	2141735	45.397	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1190773	41.906	ng	# 99

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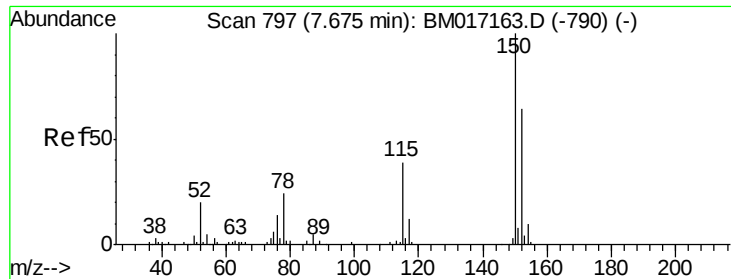
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1738230	126.538	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	770863	46.733	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	814748	46.062	ng	97
46) 1,1'-Biphenyl	13.14	154	2882035	39.692	ng	100
47) 2-Chloronaphthalene	13.18	162	2214338	41.454	ng	100
48) 2-Nitroaniline	13.39	65	615570	41.644	ng	99
49) Acenaphthylene	14.03	152	3502394	45.235	ng	99
50) Dimethylphthalate	13.78	163	2585938	41.541	ng	99
51) 2,6-Dinitrotoluene	13.90	165	567603	41.428	ng	98
52) Acenaphthene	14.37	154	2048153	42.130	ng	98
53) 3-Nitroaniline	14.23	138	366628	24.707	ng	97
54) 2,4-Dinitrophenol	14.43	184	595007	74.641	ng	97
55) Dibenzofuran	14.71	168	3206411	39.661	ng	98
56) 4-Nitrophenol	14.55	139	926392	69.178	ng	98
57) 2,4-Dinitrotoluene	14.69	165	749836	40.719	ng	95
58) Fluorene	15.36	166	2536980	42.396	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	704603	43.701	ng	98
60) Diethylphthalate	15.15	149	2488721	40.313	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1313101	38.491	ng	96
62) 4-Nitroaniline	15.40	138	541024	34.189	ng	98
63) Azobenzene	15.66	77	2425497	40.422	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	408040	41.268	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2185184	45.601	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	797970	45.884	ng	95
68) Hexachlorobenzene	16.36	284	858304	42.487	ng	97
69) Atrazine	16.54	200	737600	43.007	ng	98
70) Pentachlorophenol	16.71	266	969333	70.045	ng	99
71) Phenanthrene	17.10	178	3699192	43.288	ng	99
72) Anthracene	17.19	178	3751839	46.206	ng	100
73) Carbazole	17.47	167	3110406	37.500	ng	99
74) Di-n-butylphthalate	18.04	149	3616060	41.335	ng	99
75) Fluoranthene	19.12	202	3719750	38.683	ng	99
77) Benzidine	19.32	184	1811530	58.535	ng	99
78) Pyrene	19.49	202	3708639	54.367	ng	100
80) Butylbenzylphthalate	20.40	149	1309749	50.090	ng	93
81) Benzo(a)anthracene	21.24	228	3114499	45.346	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	718292	28.060	ng	99
83) Chrysene	21.29	228	2947725	43.360	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1784744	45.277	ng	99
85) Di-n-octyl phthalate	22.05	149	2745143	41.636	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	2690360	35.382	ng	99
88) Benzo(b)fluoranthene	22.80	252	2759299	49.241	ng	100
89) Benzo(k)fluoranthene	22.85	252	2542039	45.209	ng	99
90) Benzo(a)pyrene	23.37	252	2492409	46.846	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2290819	43.362	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2263116	43.221	ng	99

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



#1

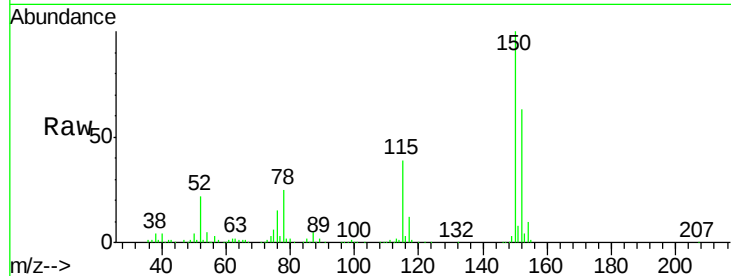
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

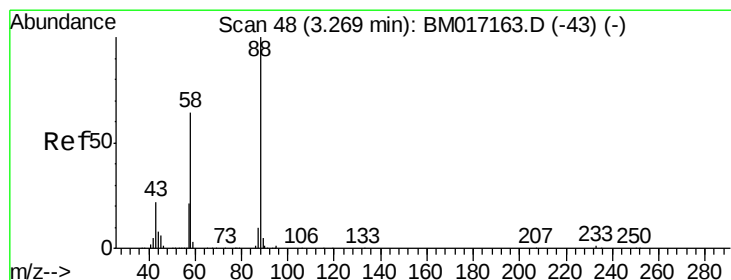
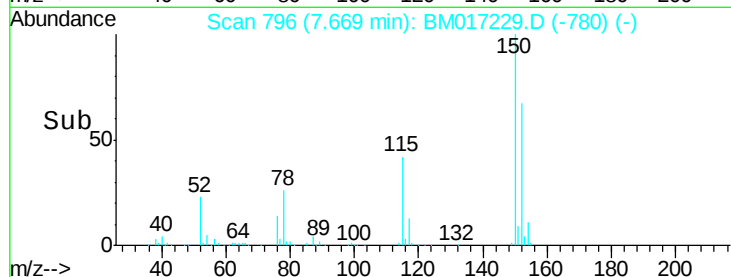
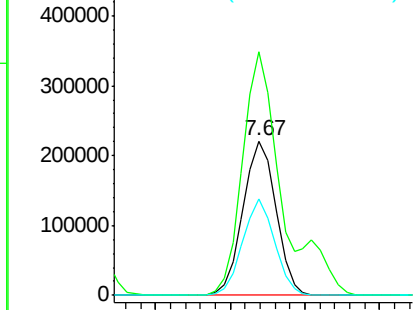
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	62.1	48.1	72.1

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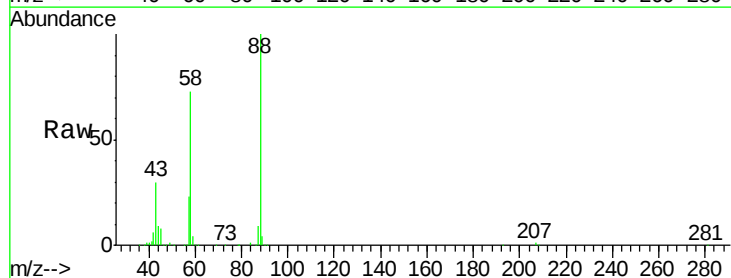
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



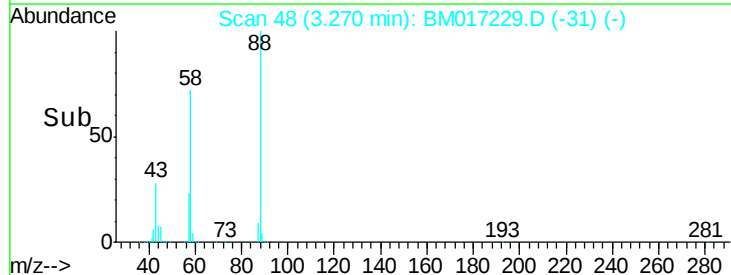
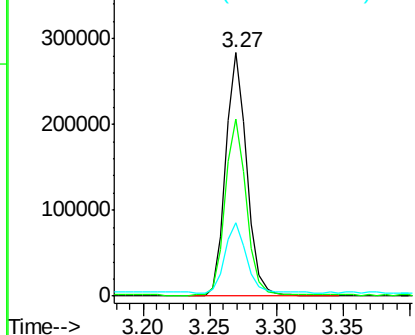
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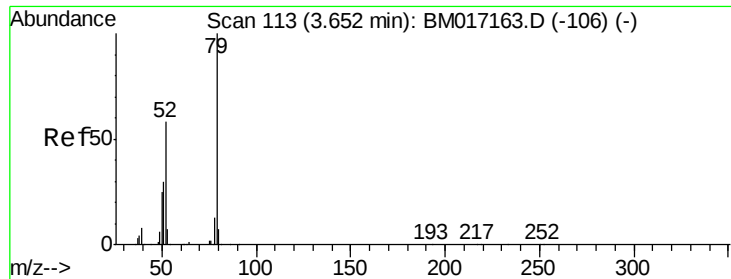
1,4-Dioxane
Concen: 30.942 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	50.2	75.4
43	29.0	19.3	28.9



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





#3

Pyridine

Concen: 38.319 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

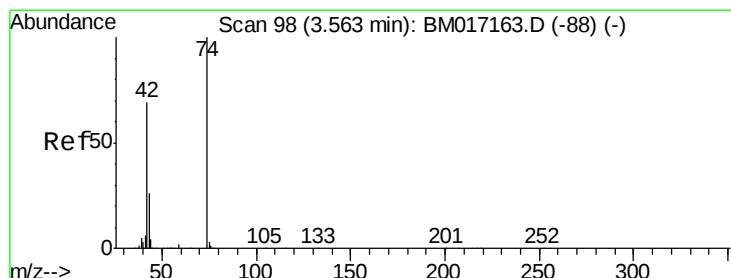
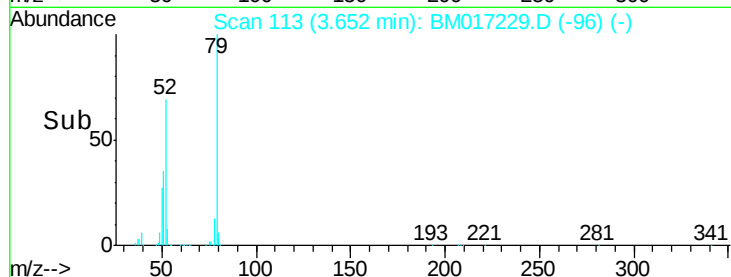
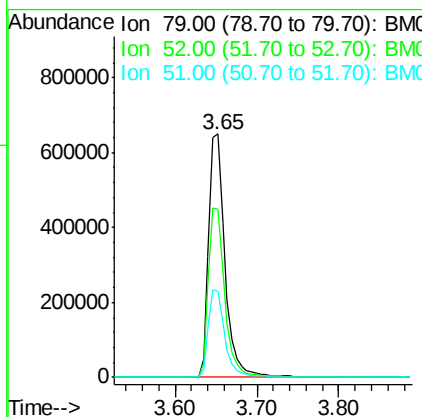
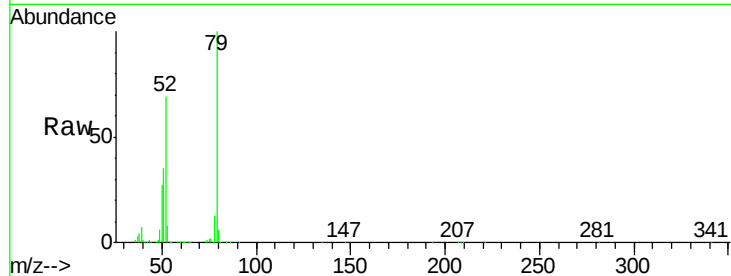
ClientSampleId :

PB113600BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.1	46.5	69.7
51	35.1	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 42.958 ng

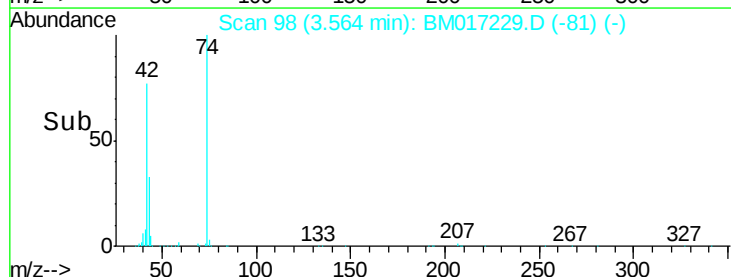
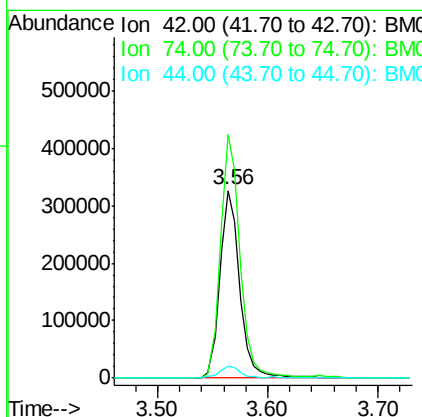
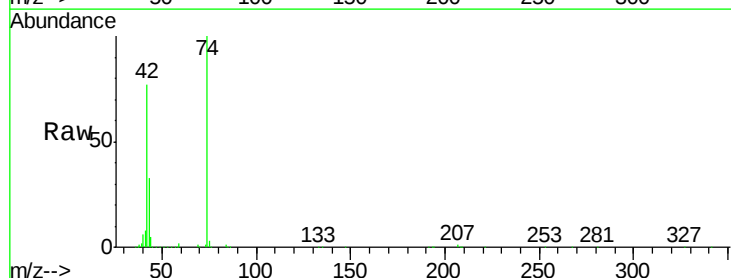
RT: 3.56 min Scan# 98

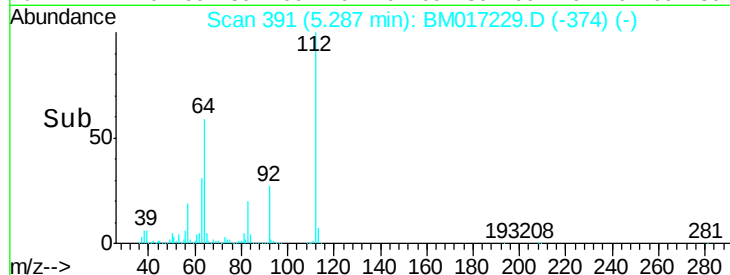
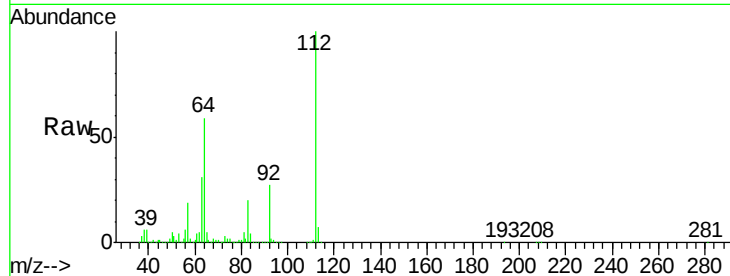
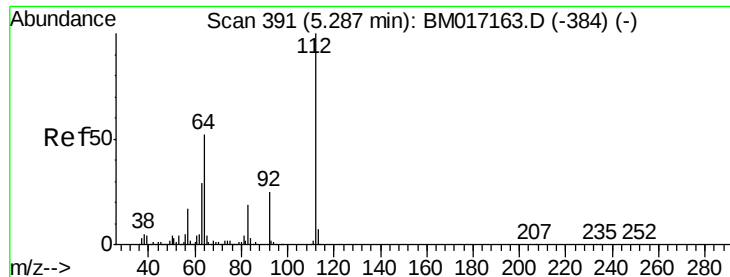
Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.7	114.4	171.6
44	6.6	48.6	73.0





#5

2-Fluorophenol

Concen: 144.791 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:	112	Resp:	2896300
Ion	Ratio	Lower	Upper
112	100		
64	58.5	41.7	62.5
63	31.1	23.0	34.4

Instrument :

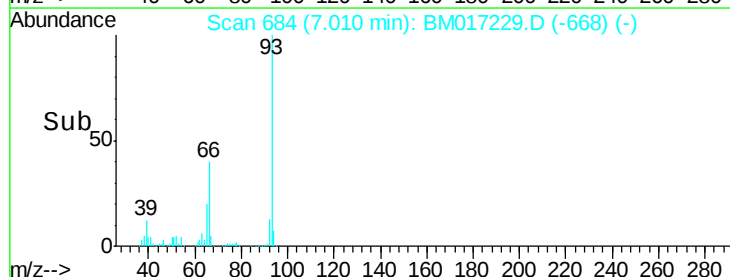
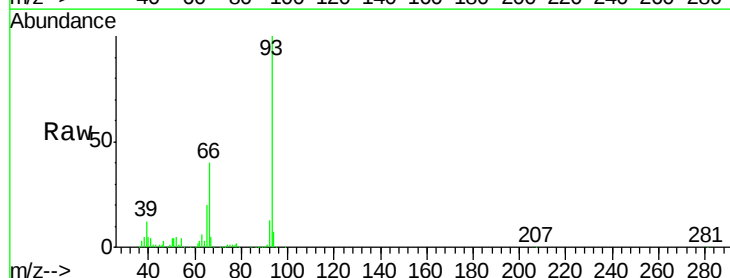
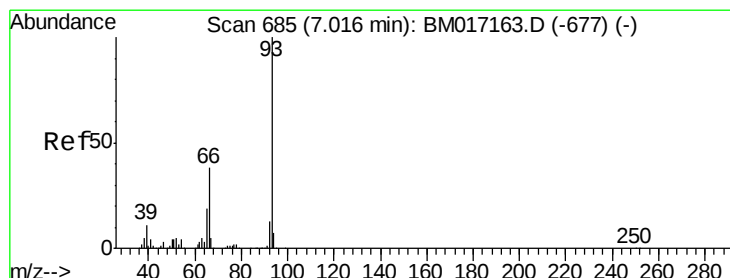
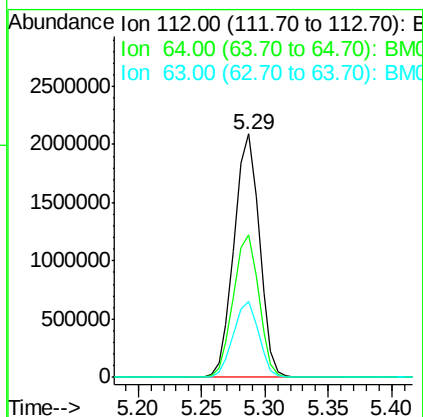
BNA_M

ClientSampleId :

PB113600BS

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#6

Aniline

Concen: 39.150 ng

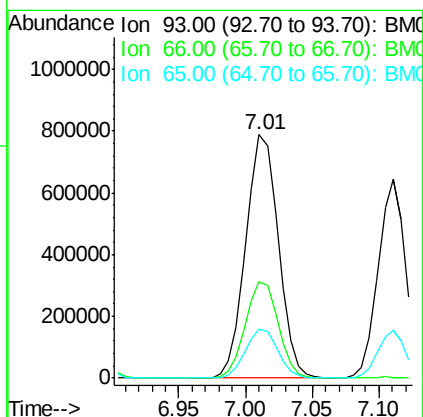
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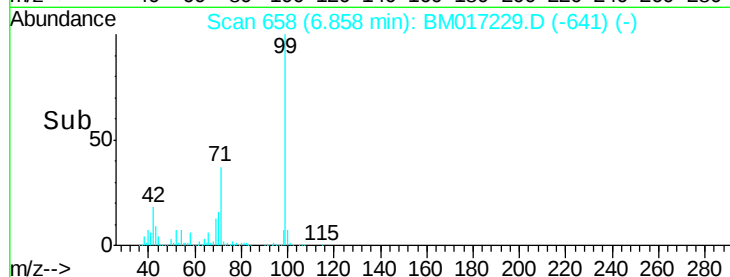
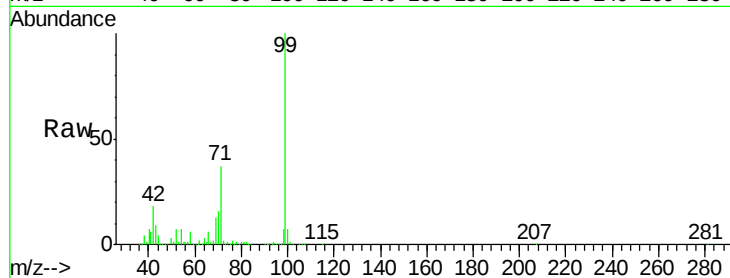
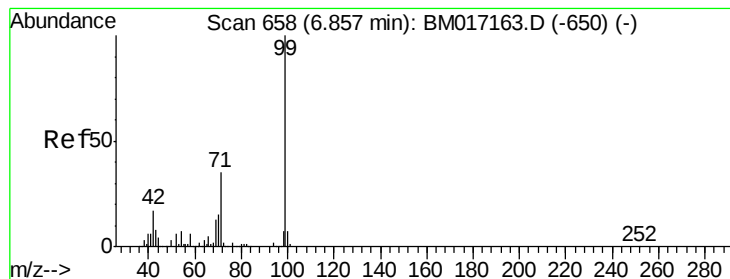
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:	93	Resp:	1334079
Ion	Ratio	Lower	Upper
93	100		
66	39.8	30.4	45.6
65	20.1	15.3	22.9





#7

Phenol-d6

Concen: 138.009 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:	99	Resp:	3759830
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.3	19.9
71	36.6	28.0	42.0

Instrument :

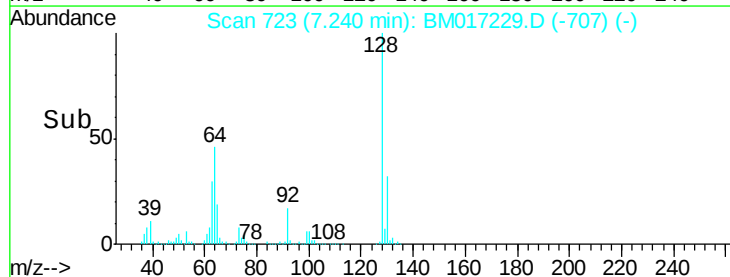
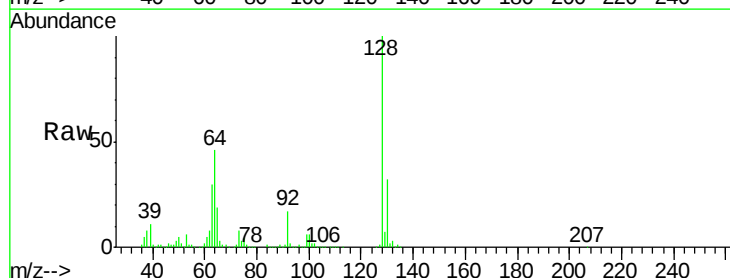
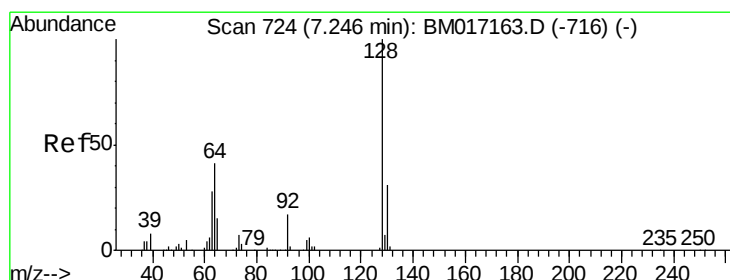
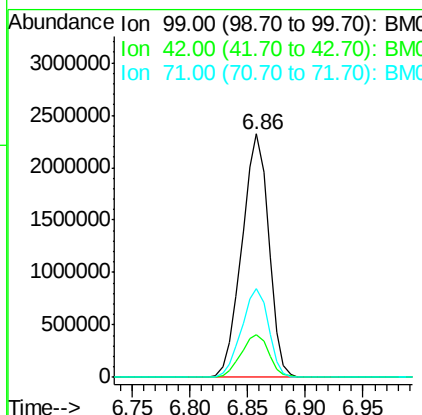
BNA_M

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#8

2-Chlorophenol

Concen: 45.596 ng

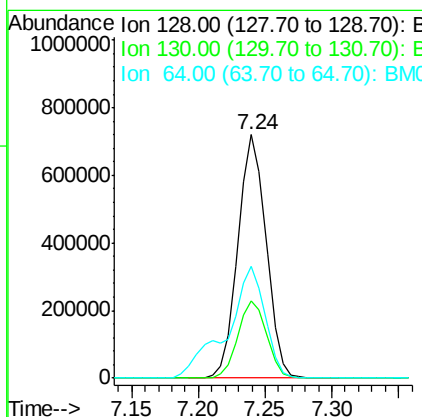
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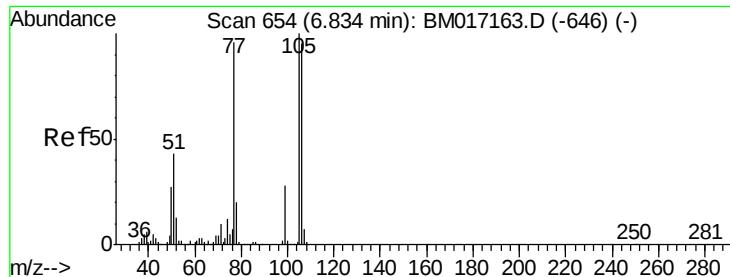
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:	128	Resp:	1055152
Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.0	51.0
64	46.1	24.1	64.1





#9

Benzaldehyde

Concen: 28.054 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

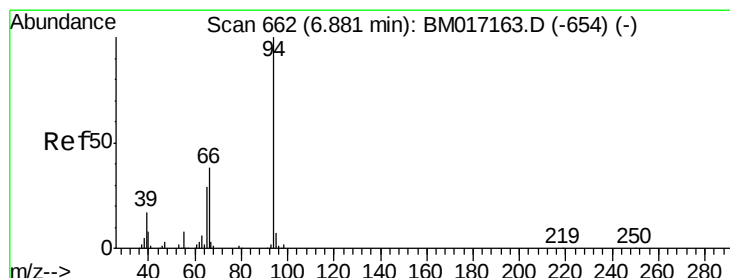
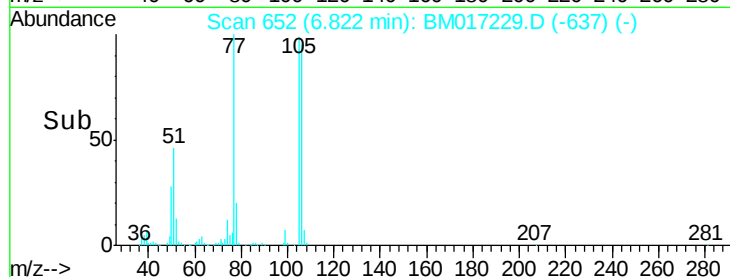
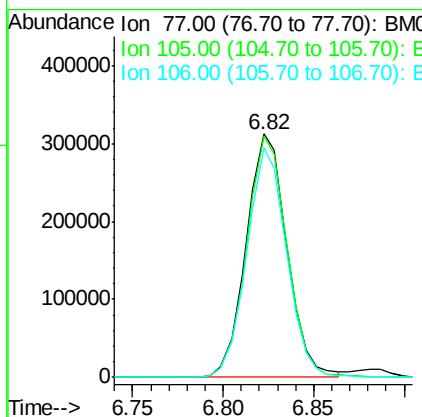
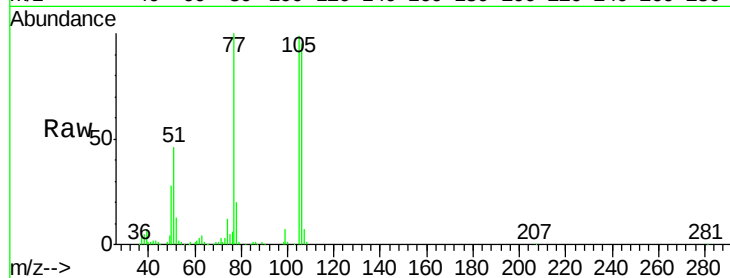
ClientSampleId :

PB113600BS

Tgt Ion:	77	Resp:	487316
Ion	Ratio	Lower	Upper
77	100		
105	99.2	83.9	123.9
106	94.5	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 43.944 ng

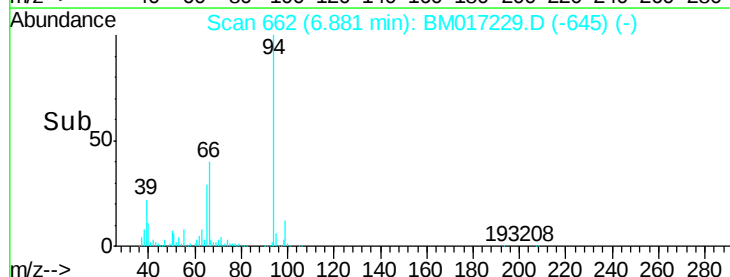
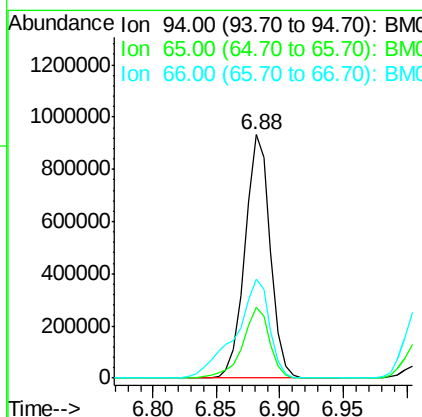
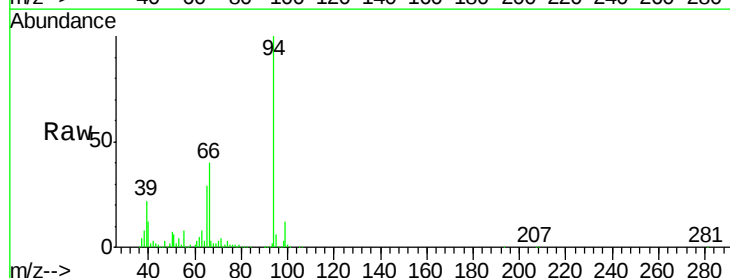
RT: 6.88 min Scan# 662

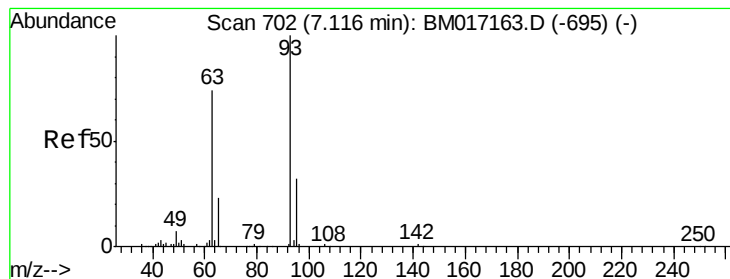
Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:	94	Resp:	1288464
Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.4	49.4
66	40.5	19.0	59.0





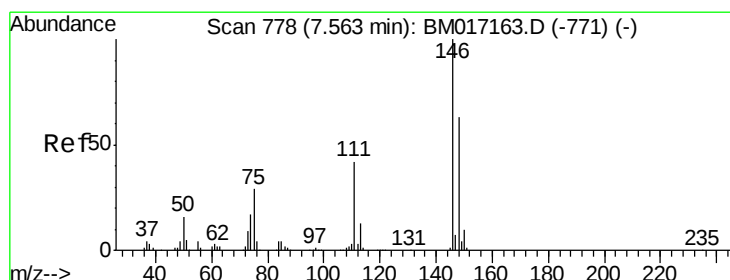
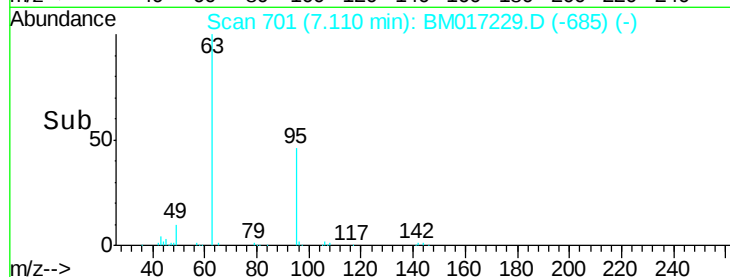
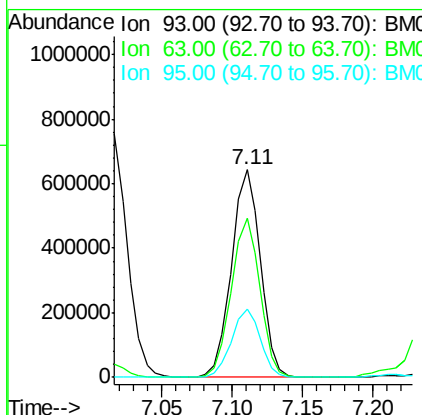
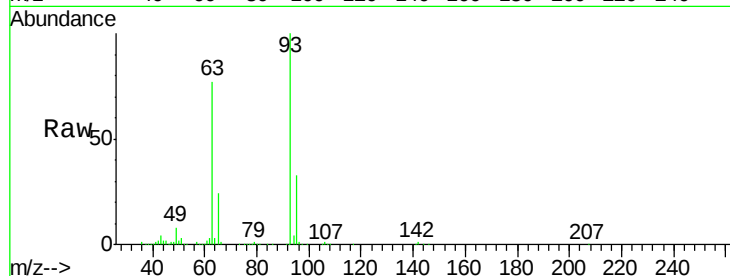
#11
bis(2-Chloroethyl)ether
Concen: 39.069 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleID :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	913175		
63	76.8	54.0	94.0	
95	32.8	11.8	51.8	

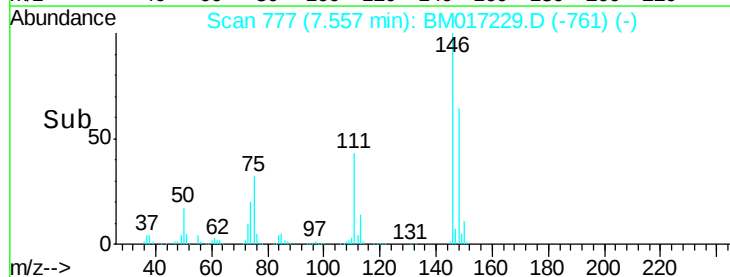
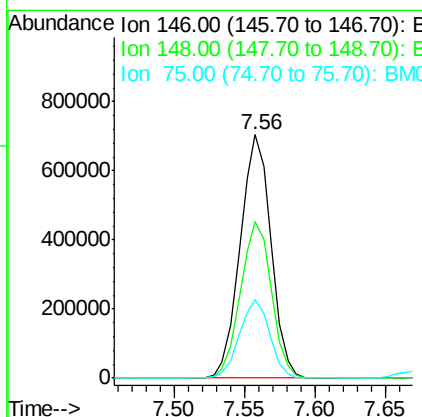
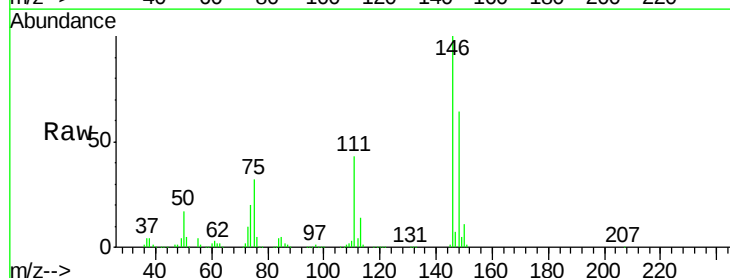
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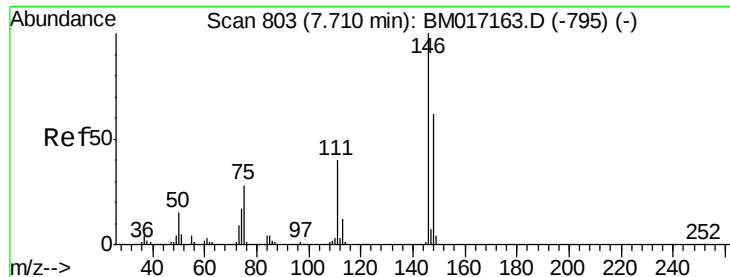
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.825 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1074346		
148	64.3	50.2	75.4	
75	32.2	23.3	34.9	





#13

1,4-Dichlorobenzene

Concen: 39.920 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

PB113600BS

Tgt Ion:146 Resp: 1100247

Ion Ratio Lower Upper

146 100

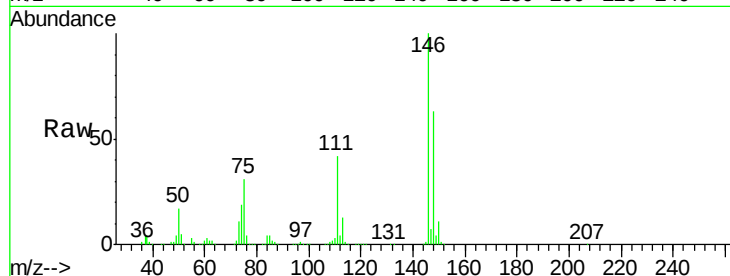
148 63.2 49.8 74.6

111 41.7 32.1 48.1

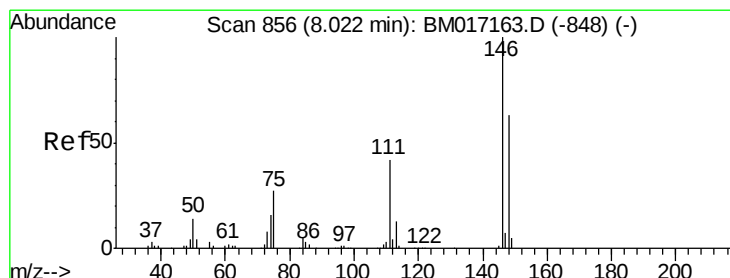
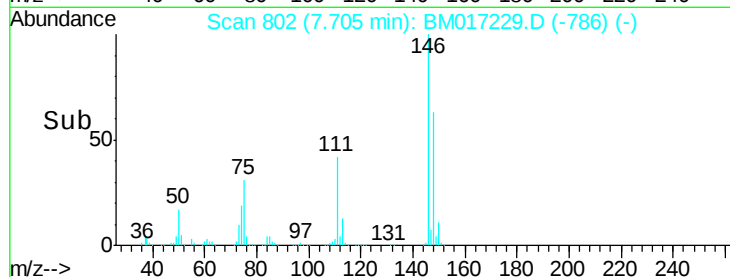
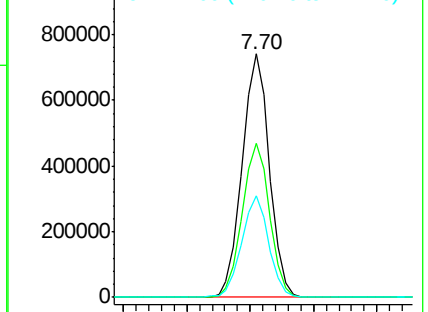
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.449 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

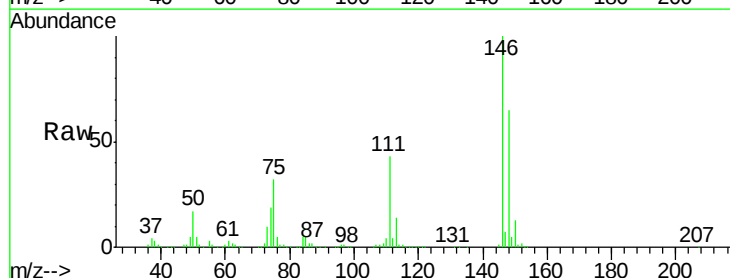
Tgt Ion:146 Resp: 1047568

Ion Ratio Lower Upper

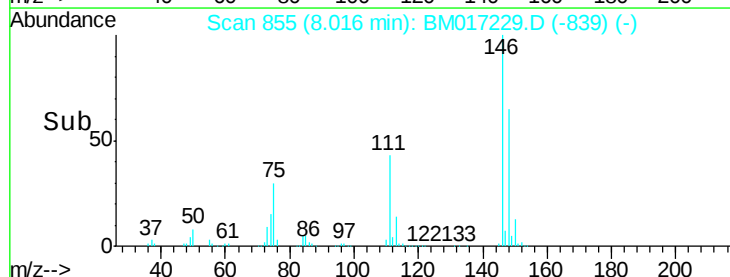
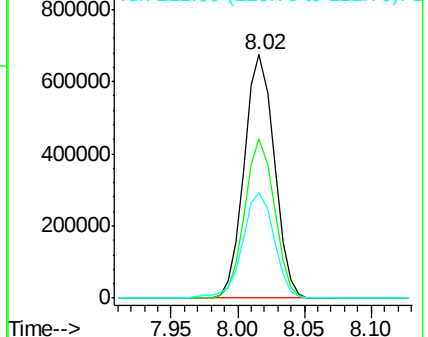
146 100

148 65.2 50.8 76.2

111 43.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.707 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

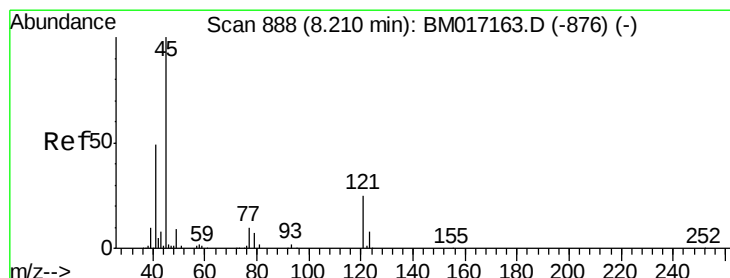
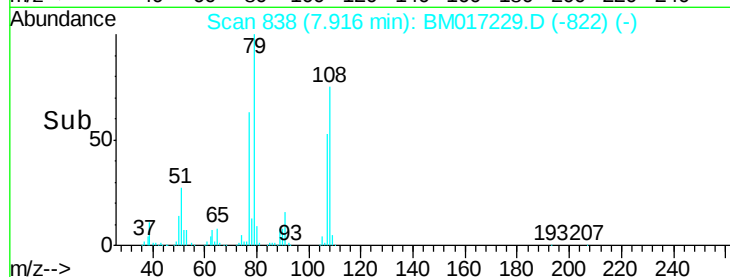
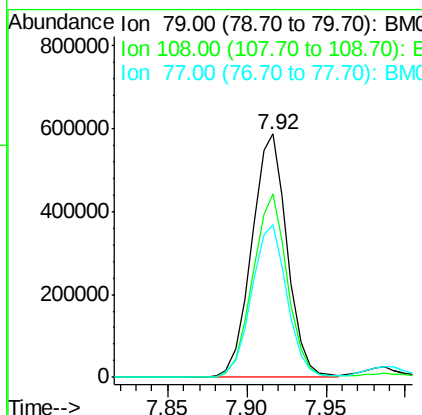
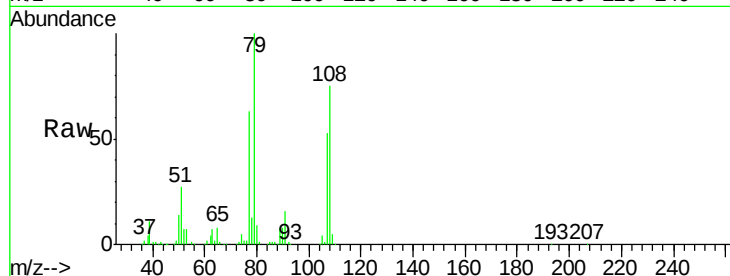
ClientSampleId :

PB113600BS

Tgt Ion:	79	Resp:	910184
Ion	Ratio	Lower	Upper
79	100		
108	75.1	60.3	90.5
77	63.0	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.185 ng

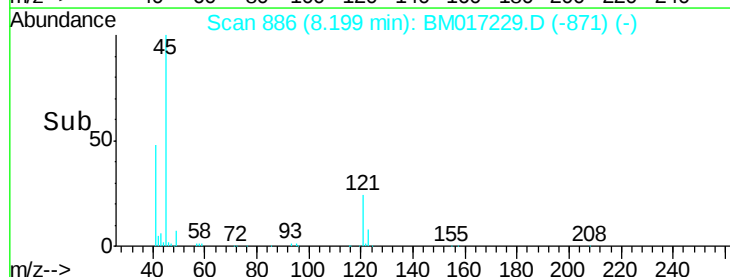
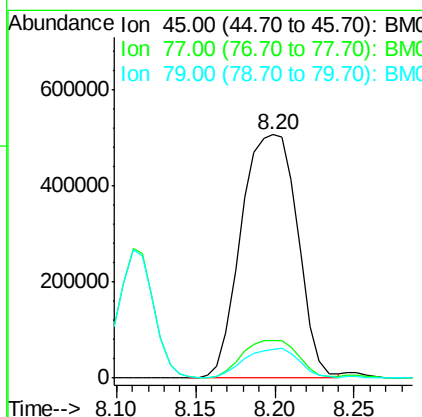
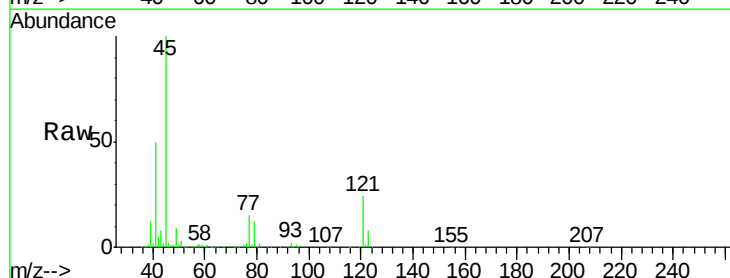
RT: 8.20 min Scan# 886

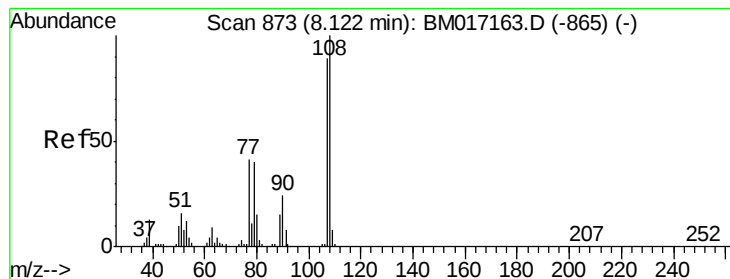
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:	45	Resp:	1246909
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.5
79	12.0	0.0	32.1





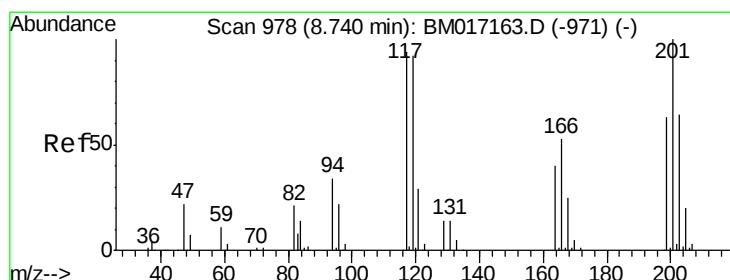
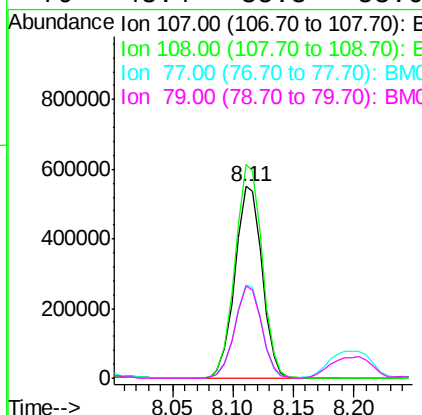
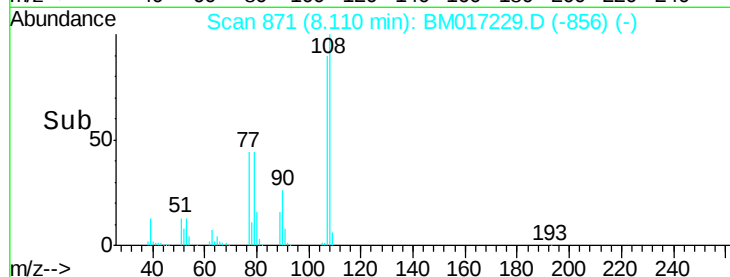
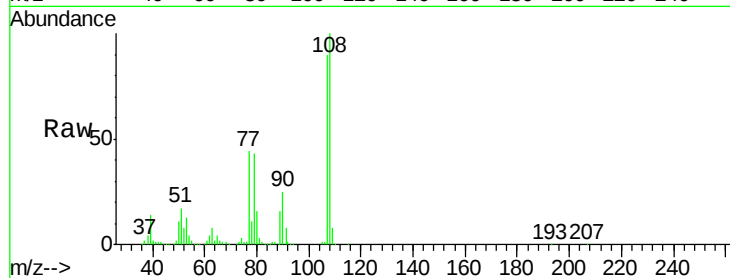
#17
2-Methylphenol
Concen: 46.082 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	867249		
108	111.3	90.3	135.5	
77	48.9	37.0	55.4	
79	48.4	35.8	53.6	

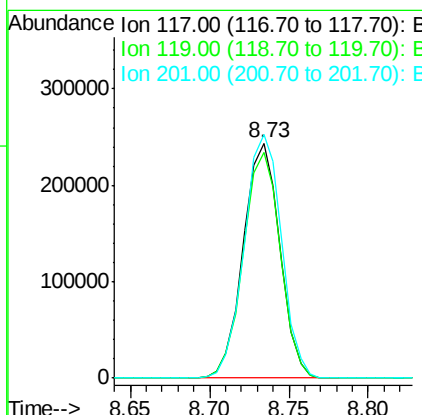
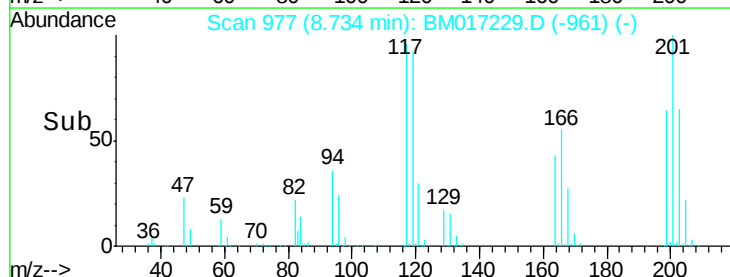
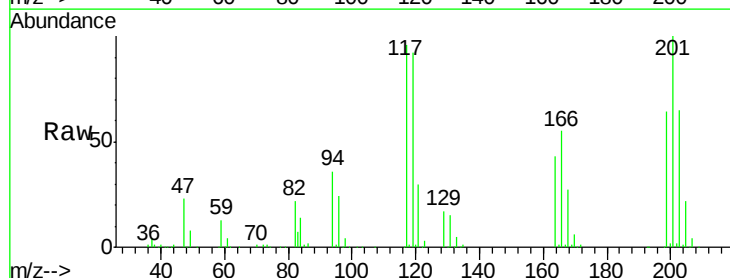
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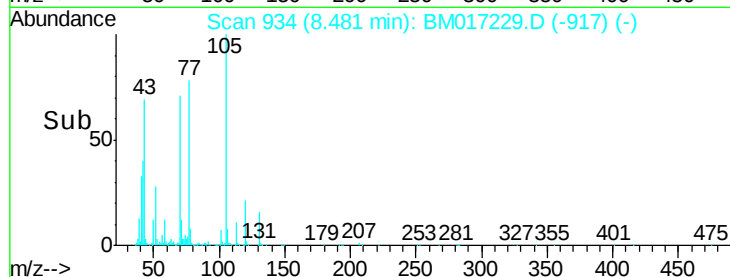
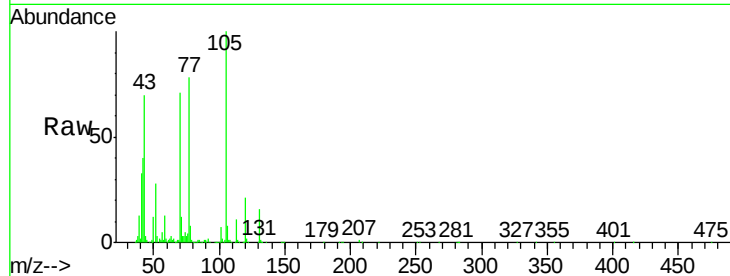
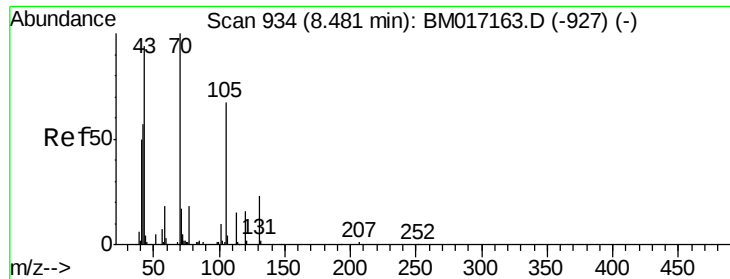
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#18
Hexachloroethane
Concen: 41.435 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	390826		
119	95.9	78.2	117.2	
201	103.7	85.3	127.9	





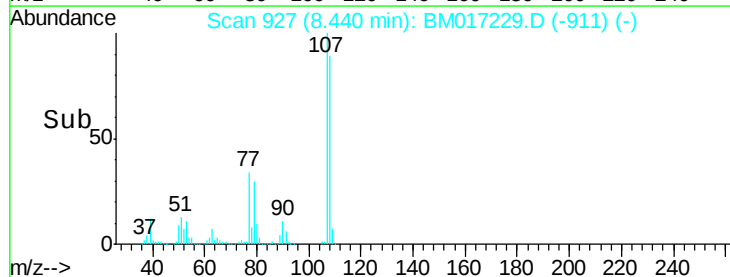
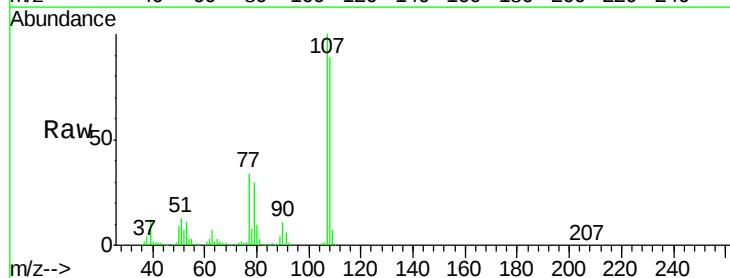
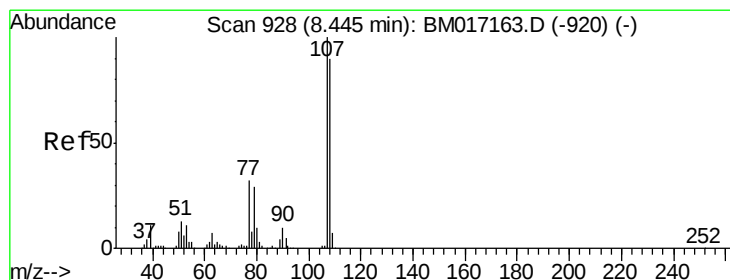
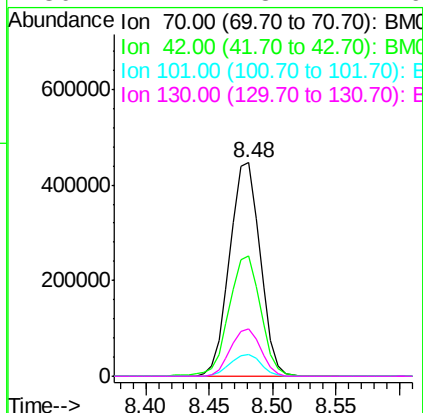
#19
n-Nitroso-di-n-propylamine
Concen: 41.404 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Manual Integrations
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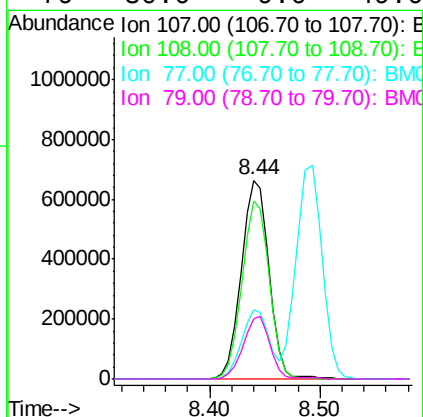
Sohil
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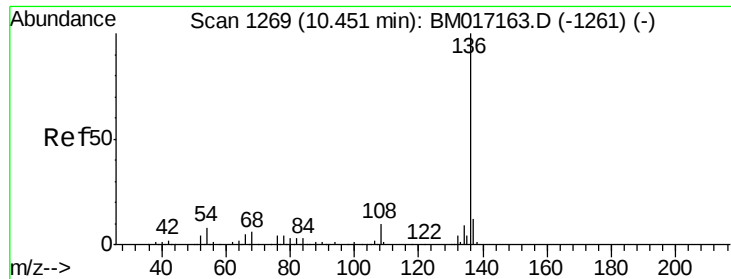
Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.2	46.1	69.1
101	10.2	8.2	12.4
130	22.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 45.325 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

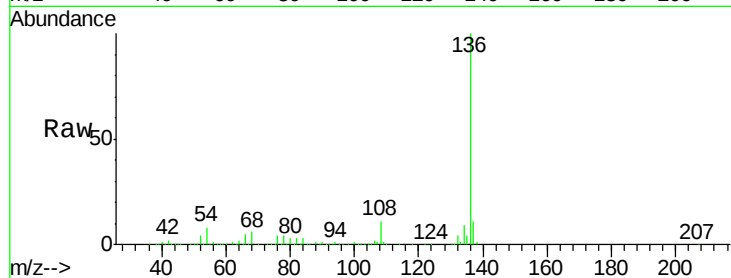
Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	34.5	12.2	52.2
79	30.0	9.0	49.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

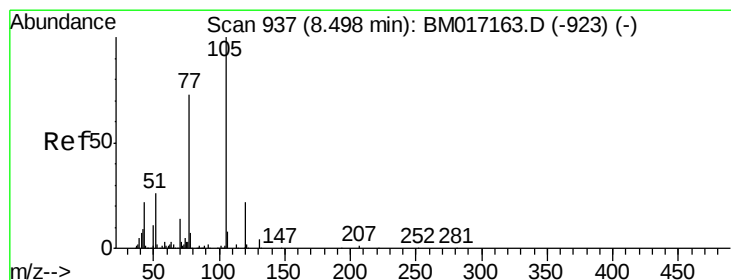
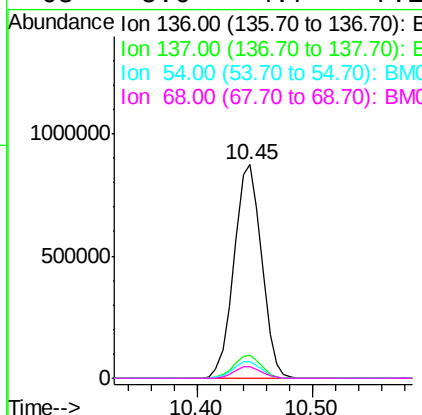
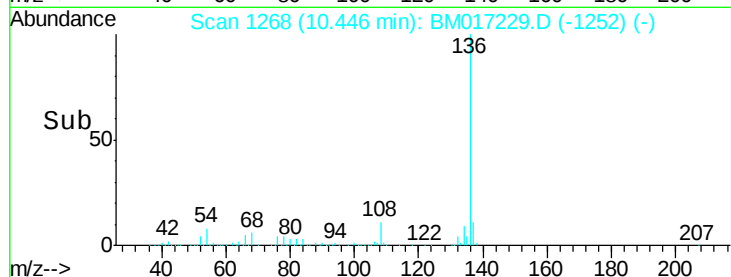
Instrument :
BNA_M
ClientSampleId :
PB113600BS



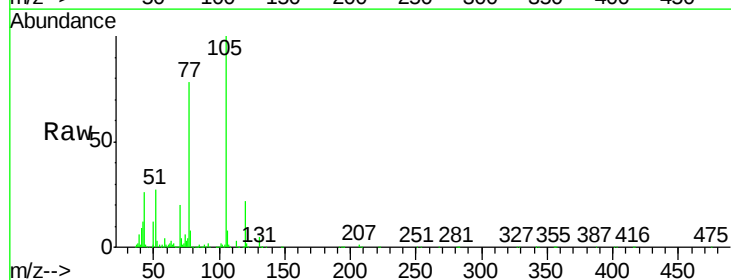
Tgt Ion:136 Resp: 1445453
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.8 6.7 10.1
68 5.6 4.7 7.1

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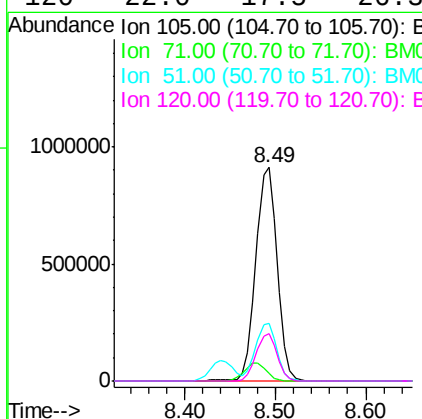
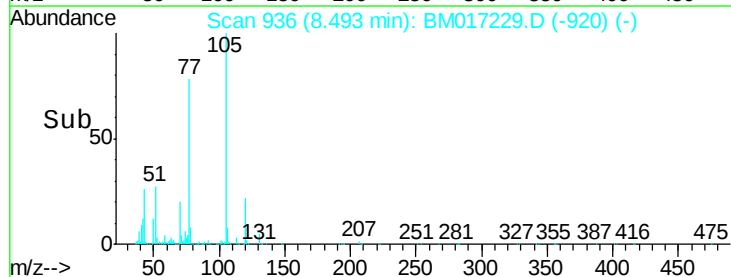
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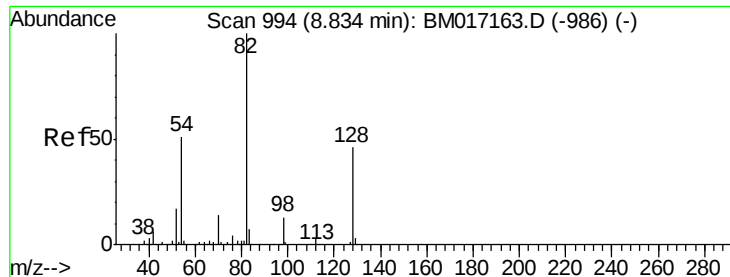


#22
Acetophenone
Concen: 40.827 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38



Tgt Ion:105 Resp: 1495904
Ion Ratio Lower Upper
105 100
71 3.5 2.0 3.0#
51 26.9 20.6 31.0
120 22.0 17.5 26.3





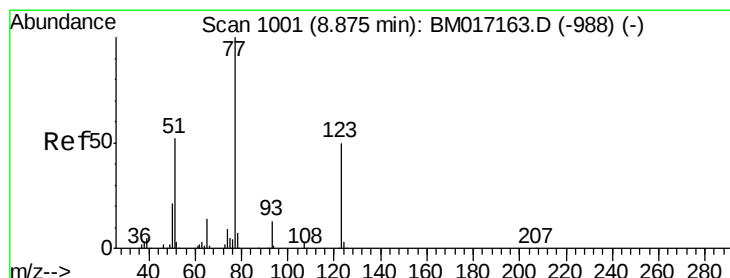
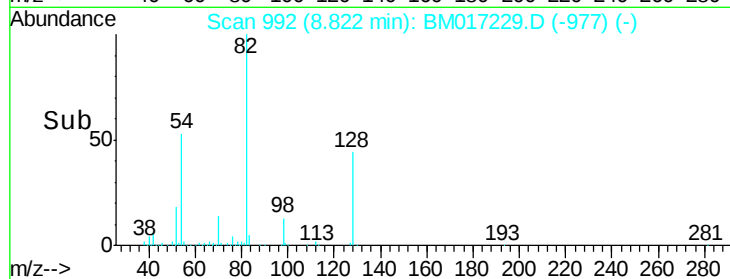
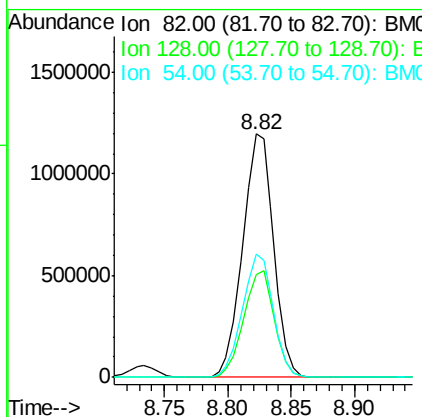
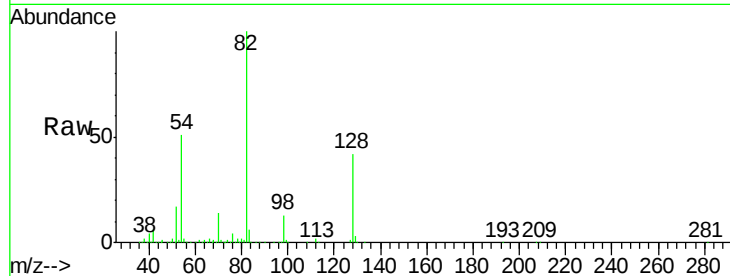
#23
 Nitrobenzene-d5
 Concen: 81.956 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Tgt Ion: 82 Resp: 2025517
 Ion Ratio Lower Upper
 82 100
 128 42.2 37.0 55.6
 54 50.5 40.7 61.1

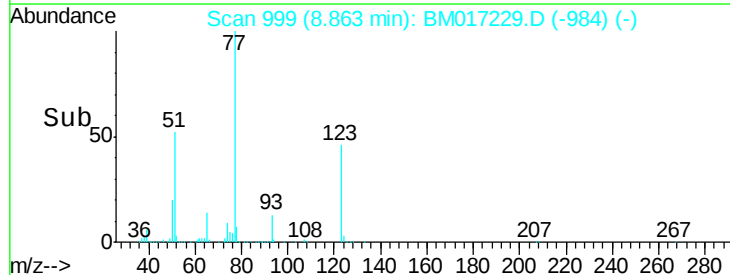
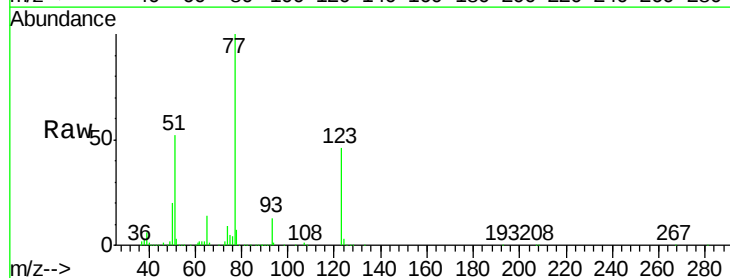
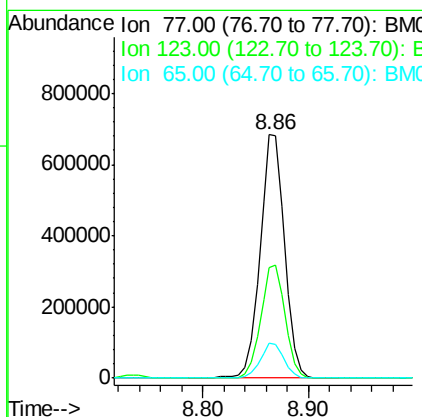
Manual Integrations
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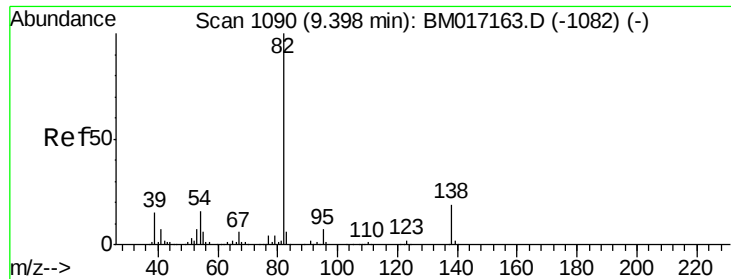
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#24
 Nitrobenzene
 Concen: 42.103 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion: 77 Resp: 1100687
 Ion Ratio Lower Upper
 77 100
 123 45.6 40.2 60.4
 65 14.1 11.4 17.0





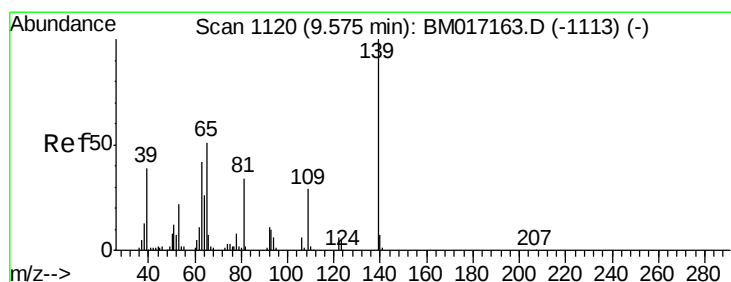
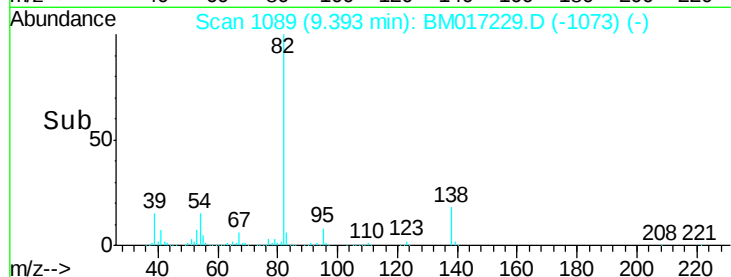
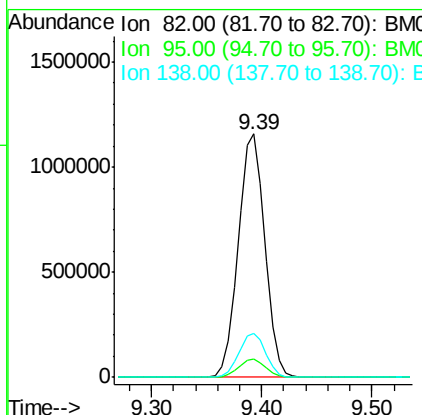
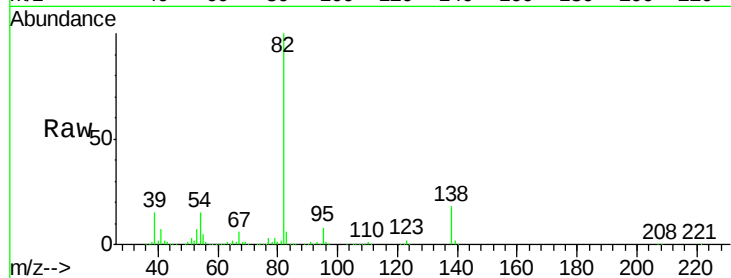
#25
Isophorone
Concen: 48.041 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	18.2	15.4	23.2

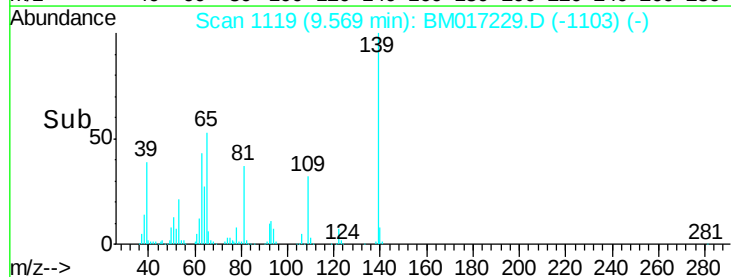
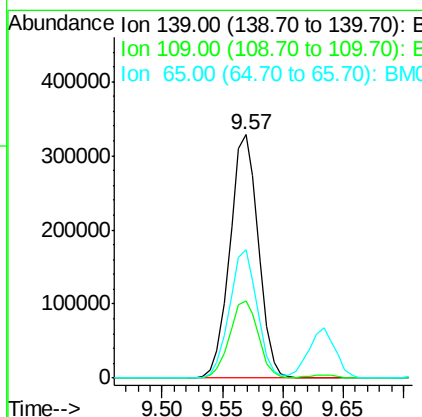
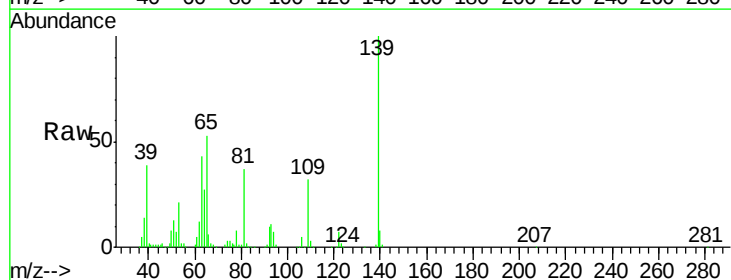
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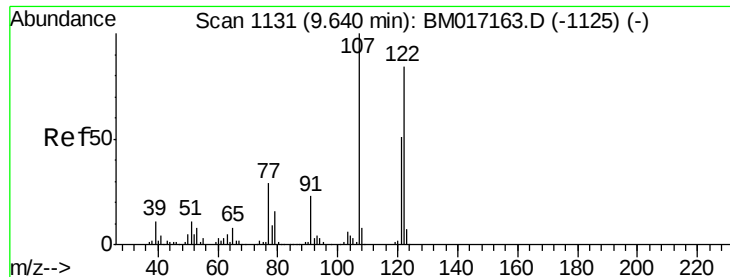
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#26
2-Nitrophenol
Concen: 44.513 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.8	23.2	34.8
65	52.8	40.6	61.0





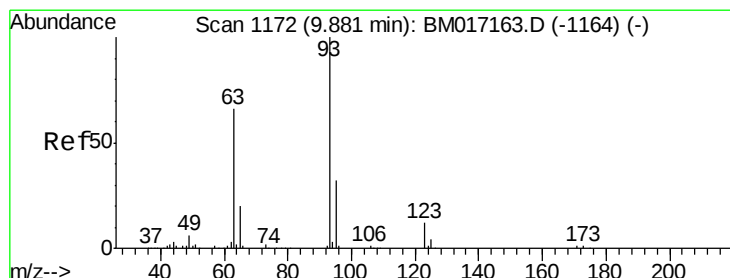
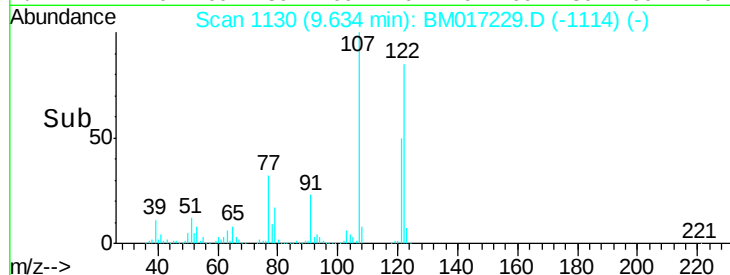
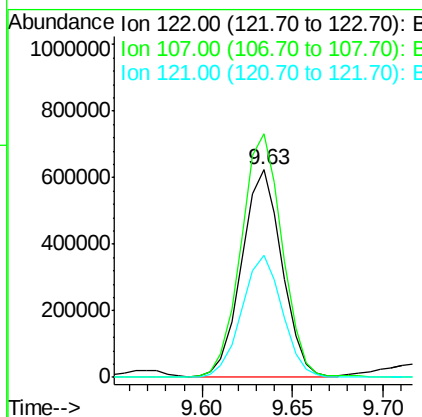
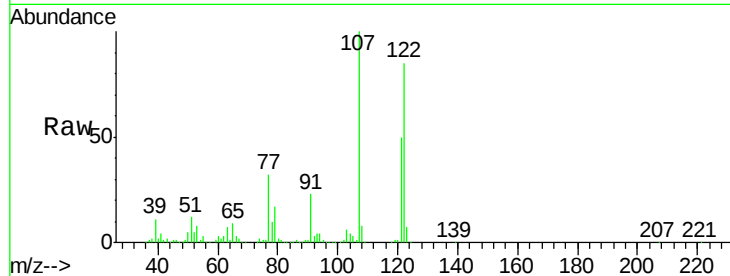
#27
2,4-Dimethylphenol
Concen: 53.282 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleID :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	961520		
107	117.5	95.0	142.6	
121	59.1	48.2	72.4	

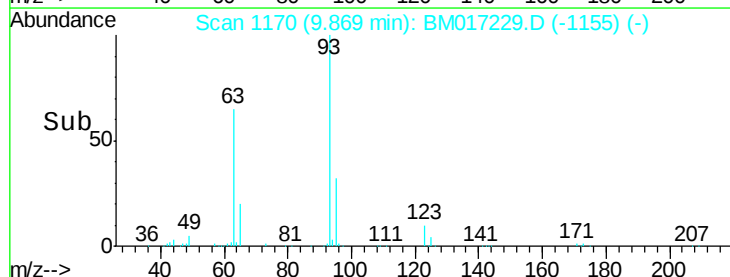
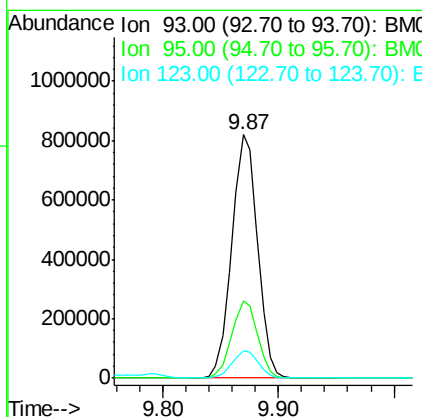
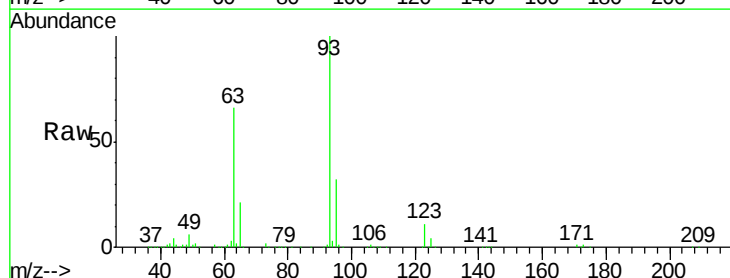
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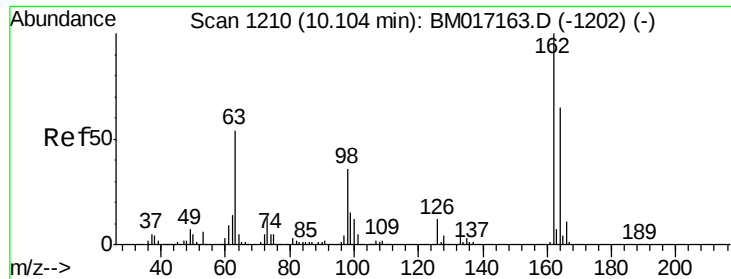
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.127 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1267544		
95	31.8	25.7	38.5	
123	11.3	9.4	14.0	





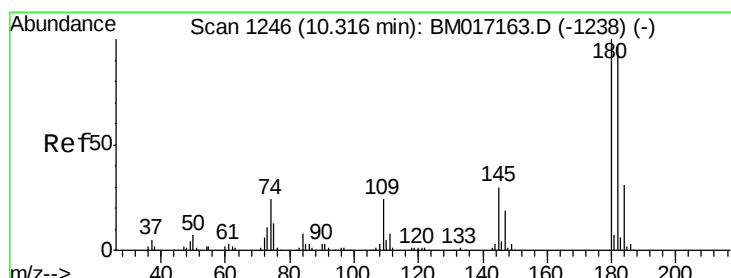
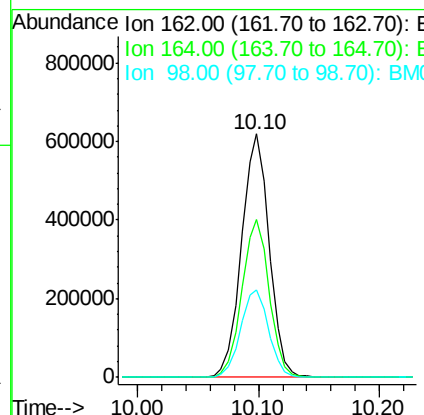
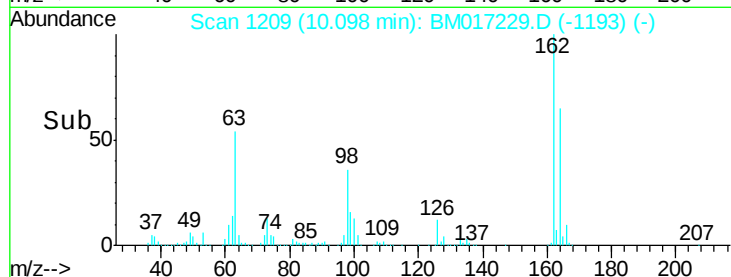
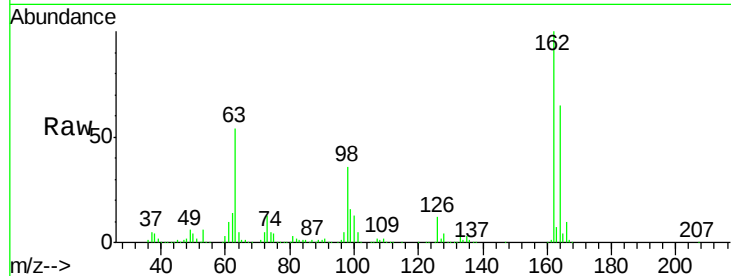
#29
2,4-Dichlorophenol
Concen: 47.220 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	989373		
164	64.9	44.9	84.9	
98	35.8	15.8	55.8	

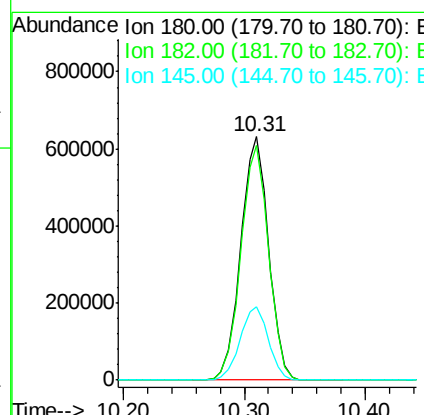
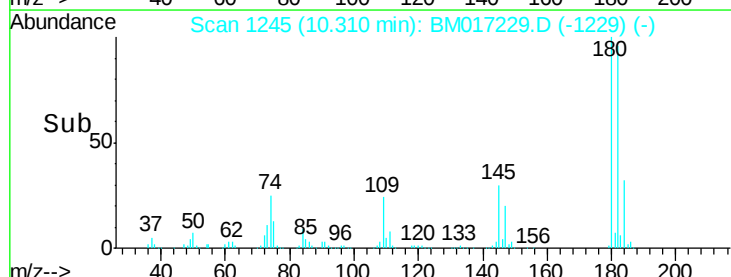
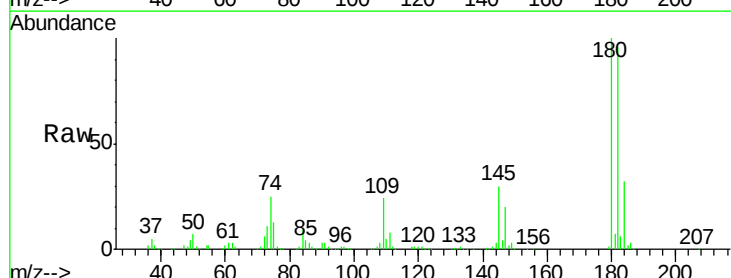
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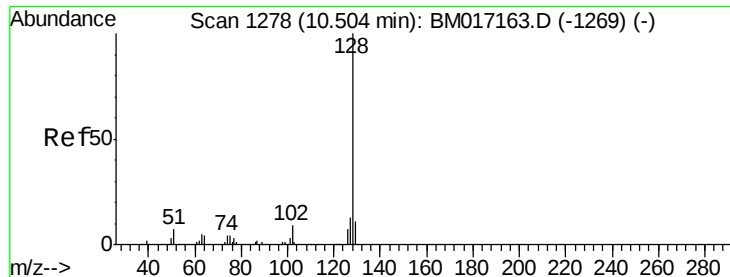
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#30
1,2,4-Trichlorobenzene
Concen: 40.213 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1010747		
182	96.2	77.5	116.3	
145	30.3	24.0	36.0	





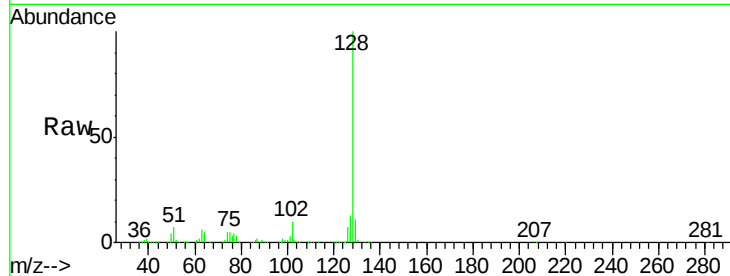
#31
Naphthalene
Concen: 43.322 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

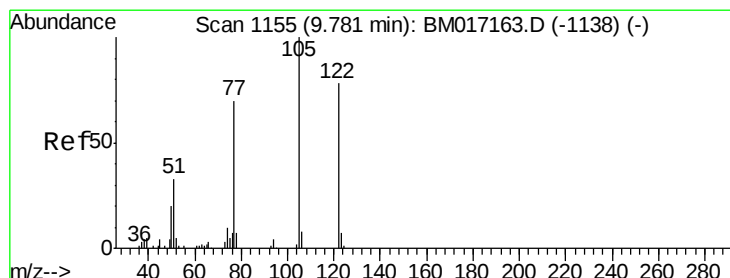
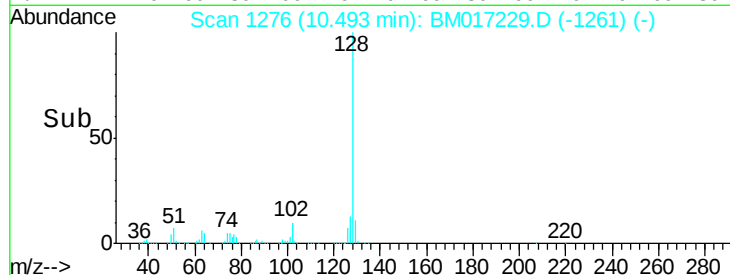
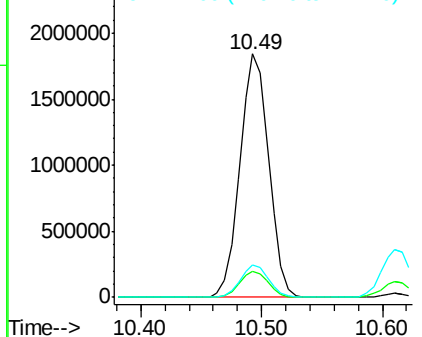
Tgt Ion:128 Resp: 3068719
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.2 10.3 15.5

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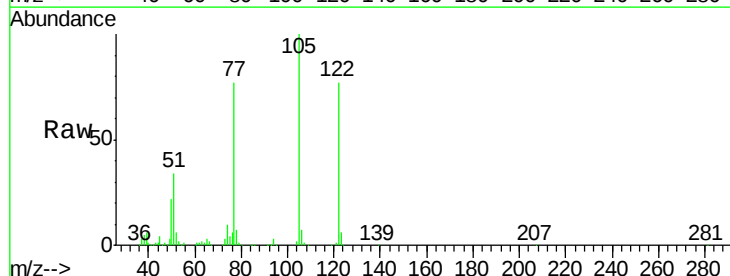


Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

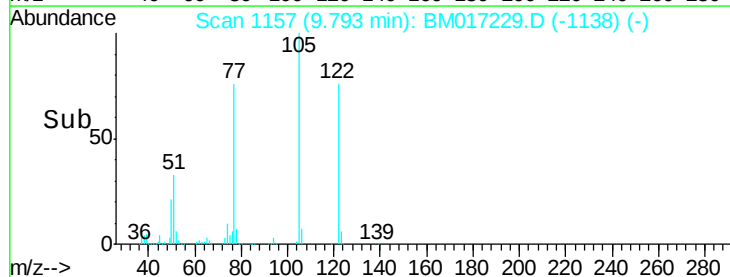
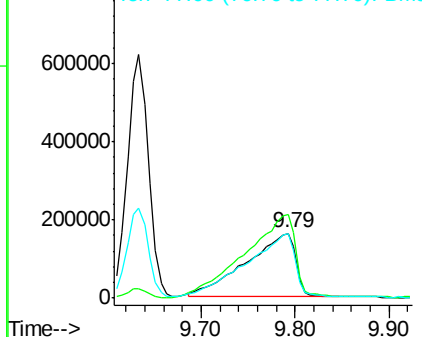


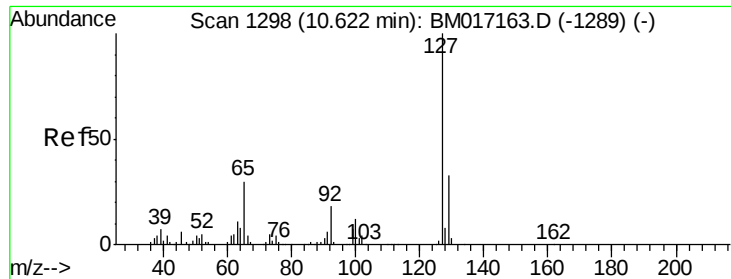
#32
Benzoic acid
Concen: 43.822 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:122 Resp: 590043
Ion Ratio Lower Upper
122 100
105 129.1 102.0 142.0
77 98.9 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E
800000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





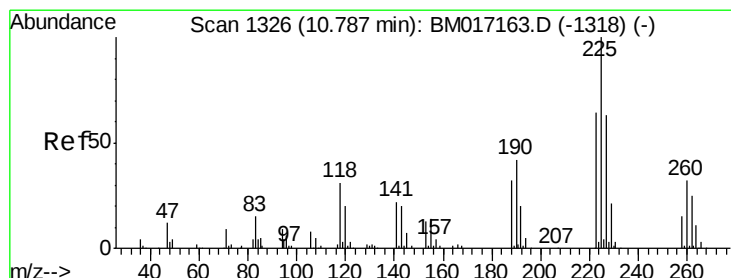
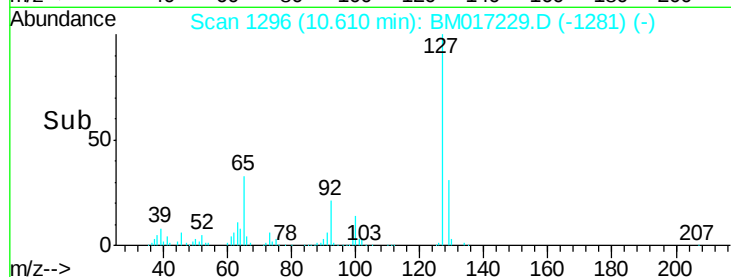
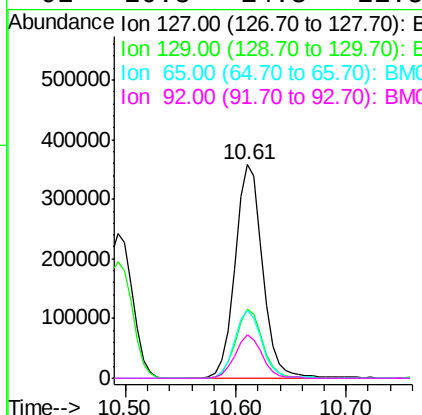
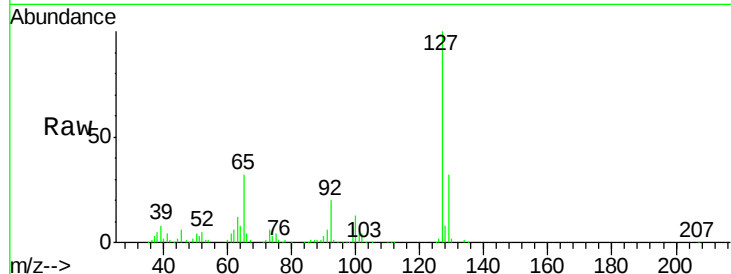
#33
4-Chloroaniline
Concen: 20.495 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.7	23.7	35.5
92	20.3	14.3	21.5

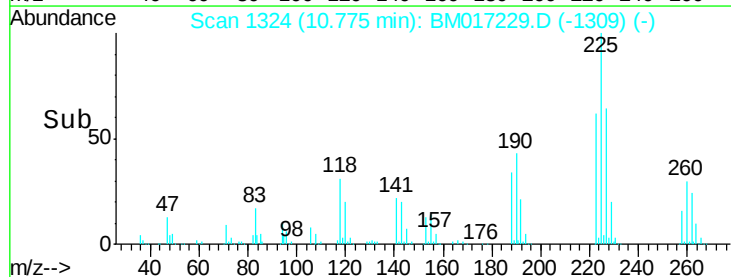
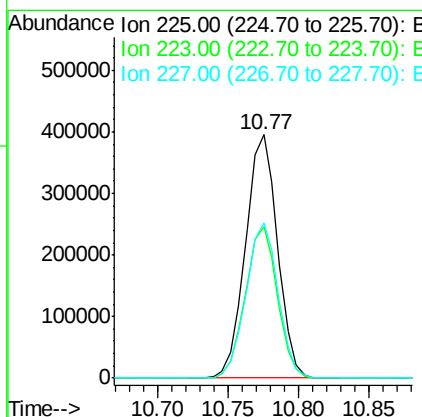
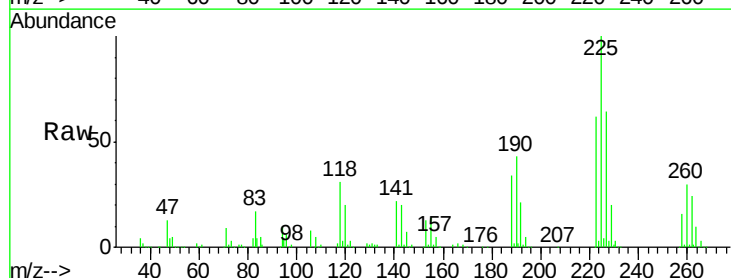
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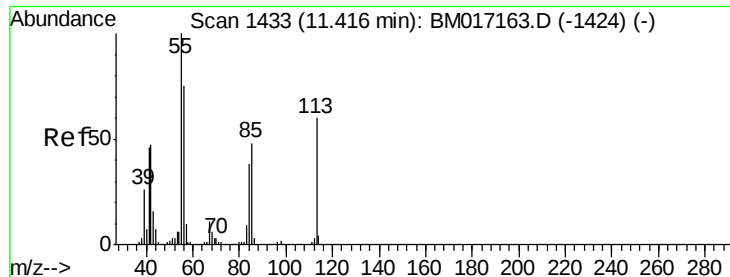
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#34
Hexachlorobutadiene
Concen: 39.424 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.7	50.8	76.2





#35

Caprolactam

Concen: 34.760 ng m

RT: 11.41 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

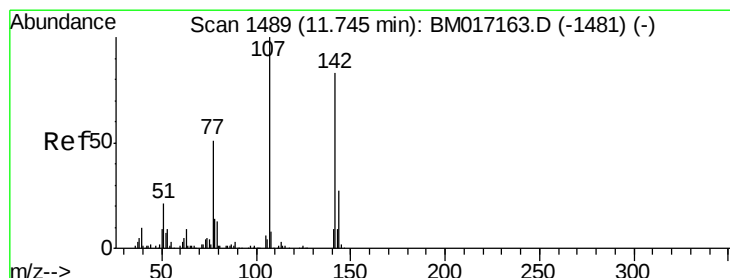
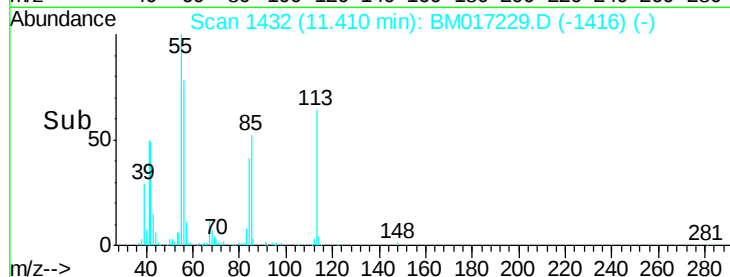
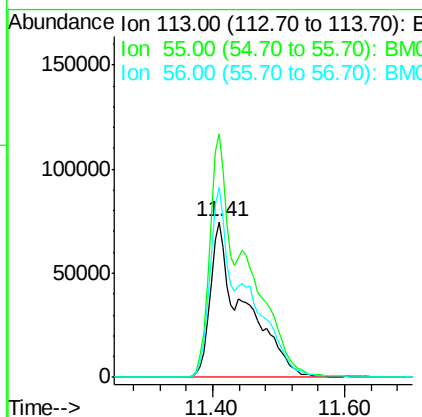
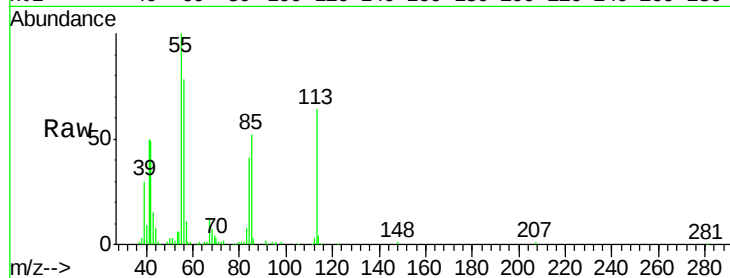
PB113600BS

Tgt Ion:113 Resp: 265425

Ion	Ratio	Lower	Upper
113	100		
55	156.4	147.0	187.0
56	121.6	104.5	144.5

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#36

4-Chloro-3-methylphenol

Concen: 43.242 ng

RT: 11.74 min Scan# 1488

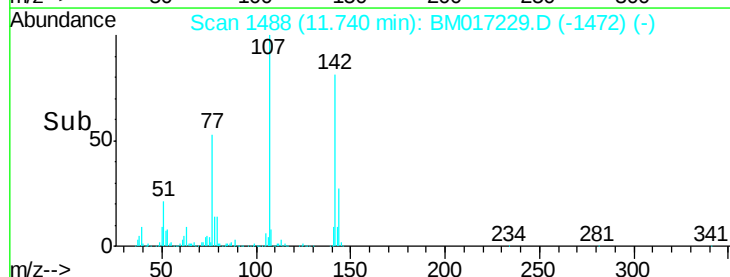
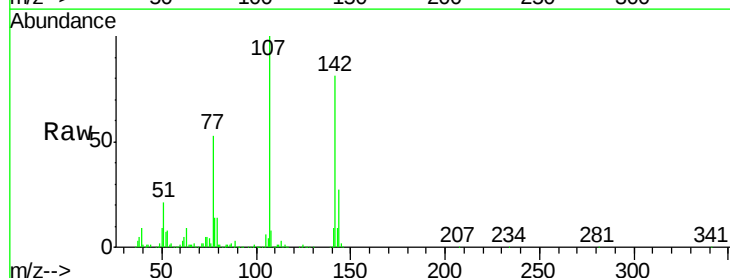
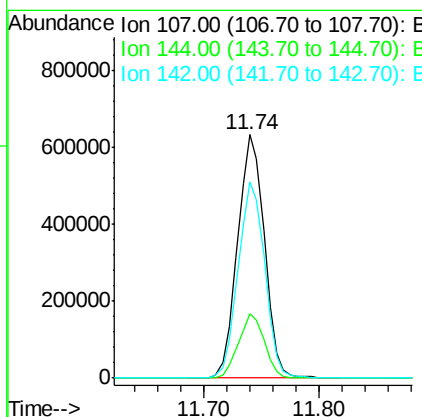
Delta R.T. -0.01 min

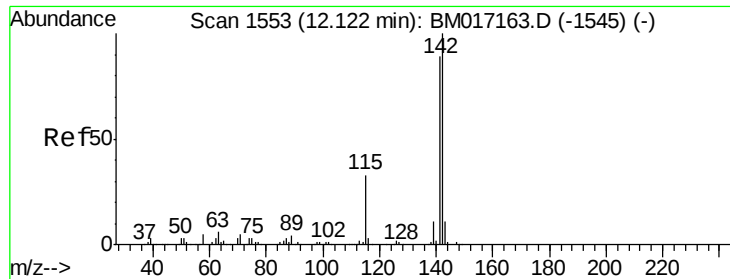
Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:107 Resp: 1021273

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.6	32.4
142	80.6	66.0	99.0





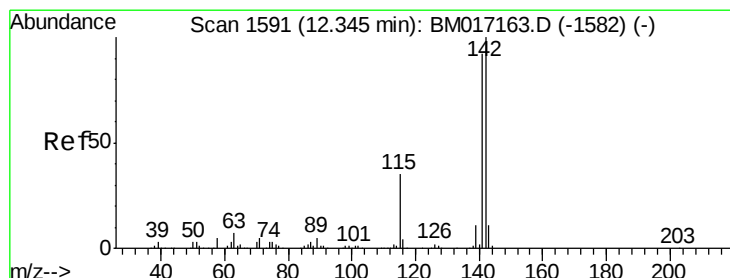
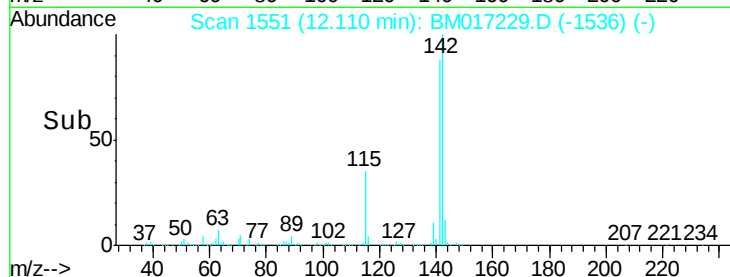
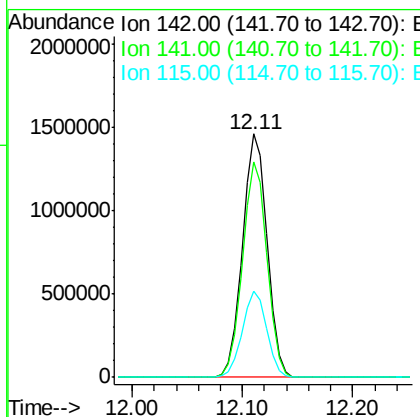
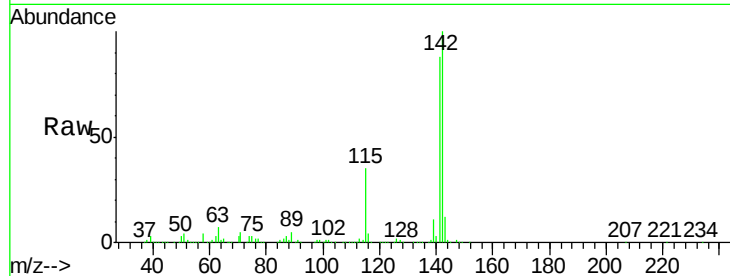
#37
2-Methylnaphthalene
Concen: 47.108 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3
115	35.3	26.4	39.6

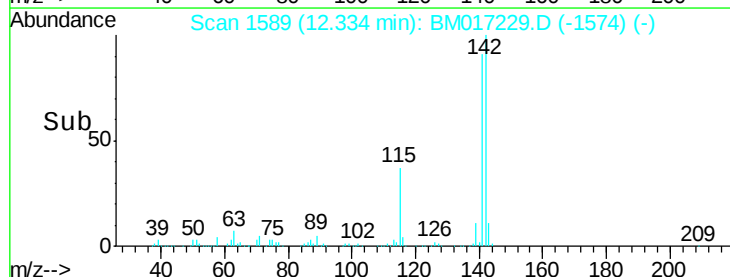
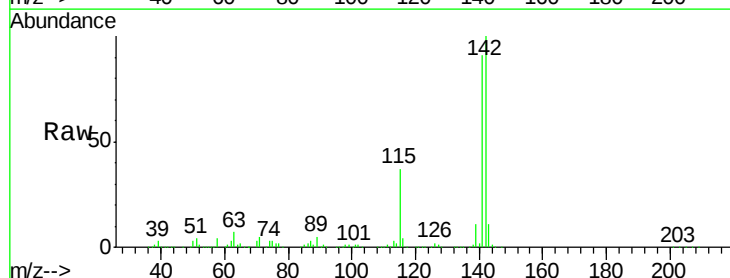
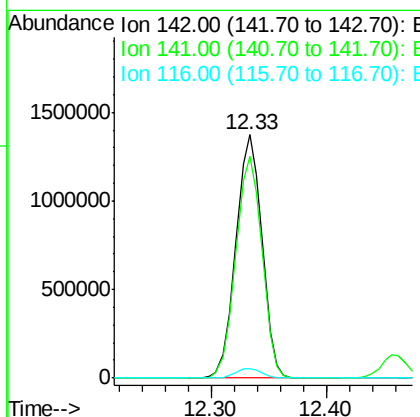
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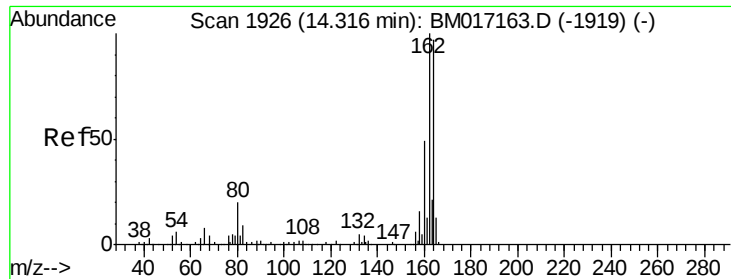
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#38
1-Methylnaphthalene
Concen: 45.397 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.8	110.6
116	3.9	2.9	4.3





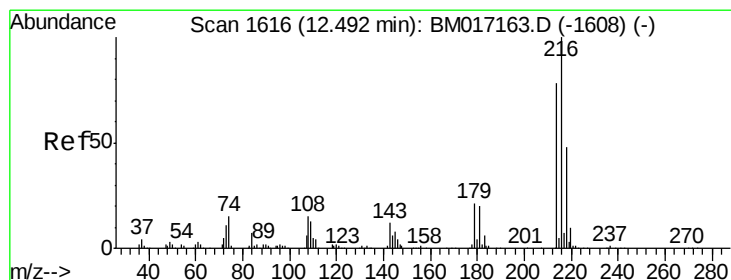
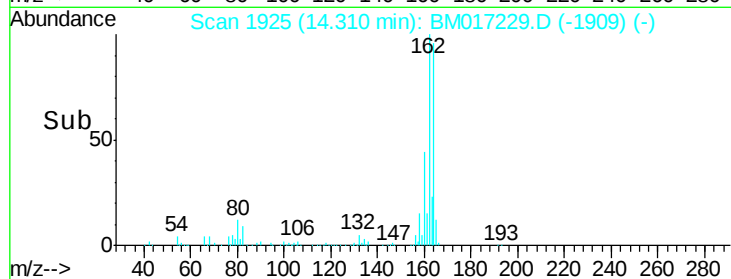
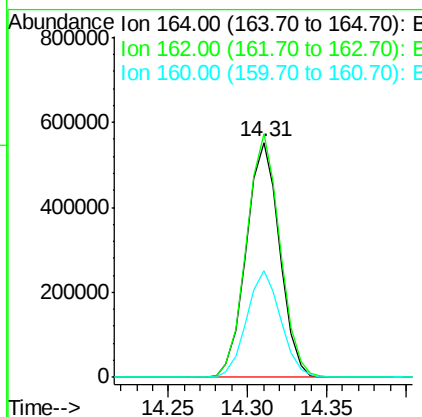
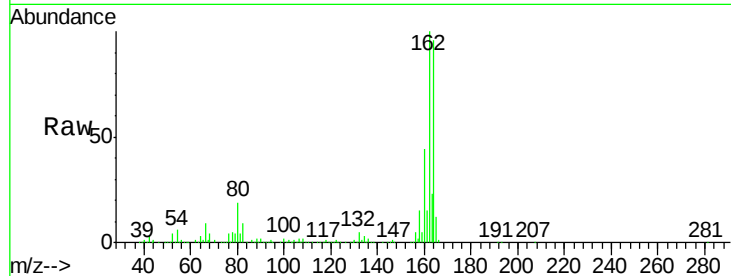
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	806868	82.1	123.1
160	45.2		40.2	60.2

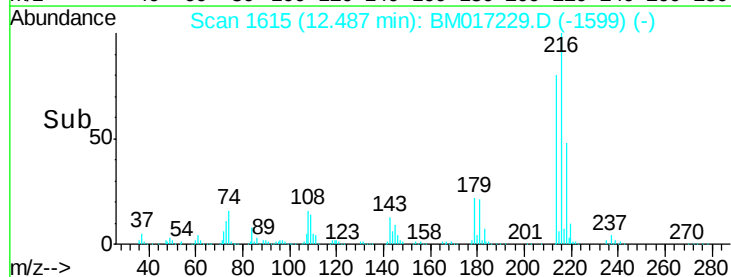
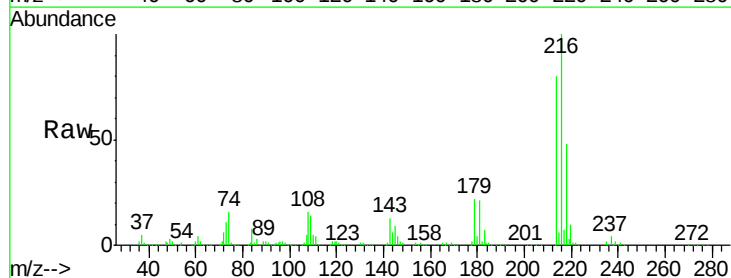
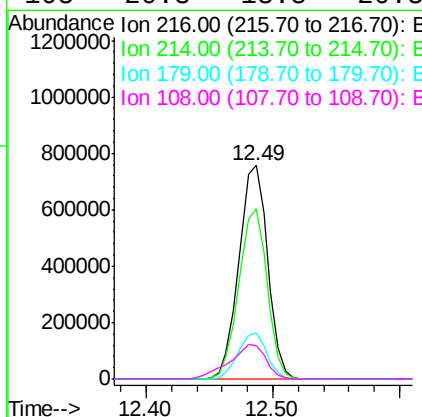
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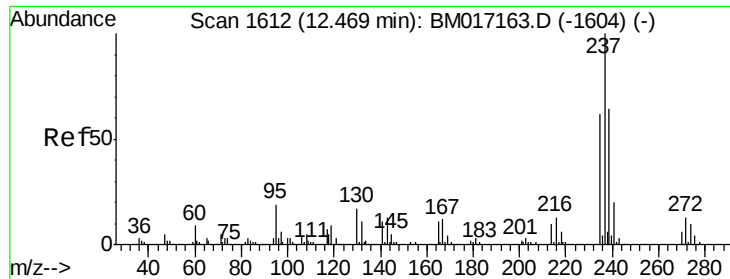
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.906 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1190773		
214	78.3		62.6	93.8
179	21.3		16.6	24.8
108	20.3		13.5	20.3#





#41

Hexachlorocyclopentadiene

Concen: 126.538 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

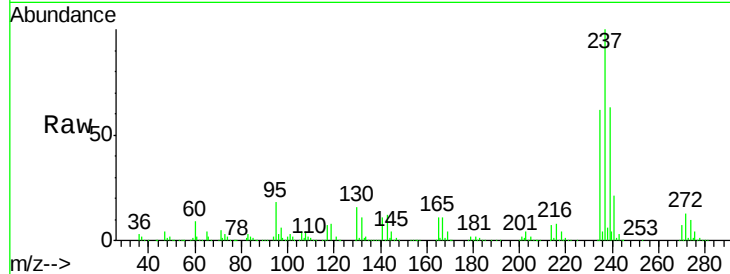
ClientSampleId :

PB113600BS

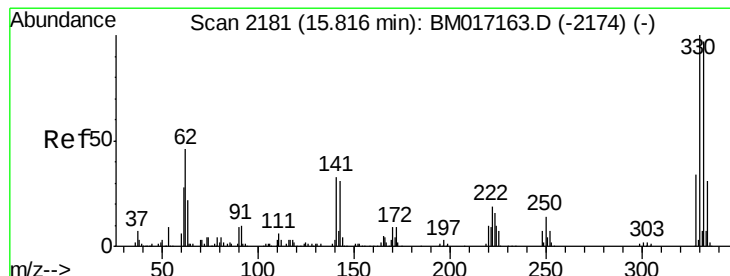
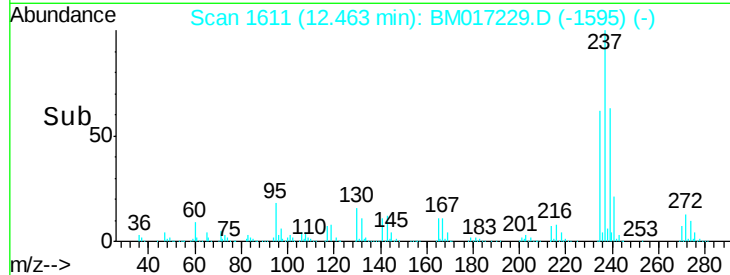
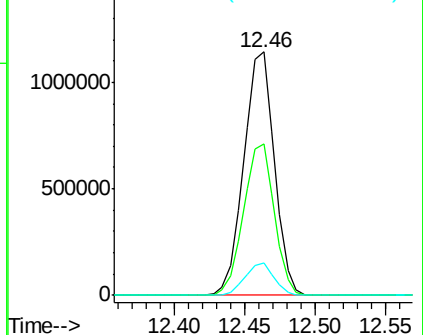
Tgt Ion:	237	Resp:	1738230
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.4	82.4
272	13.2	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 123.485 ng

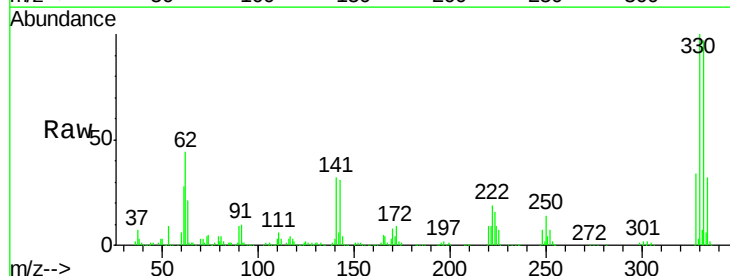
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

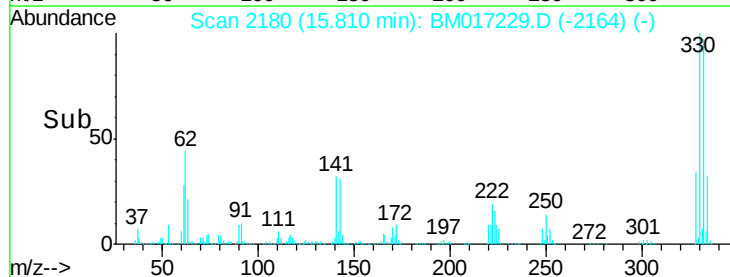
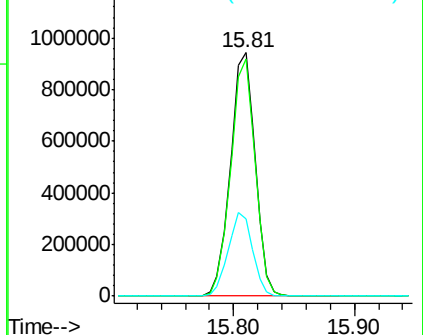
Lab File: BM017229.D

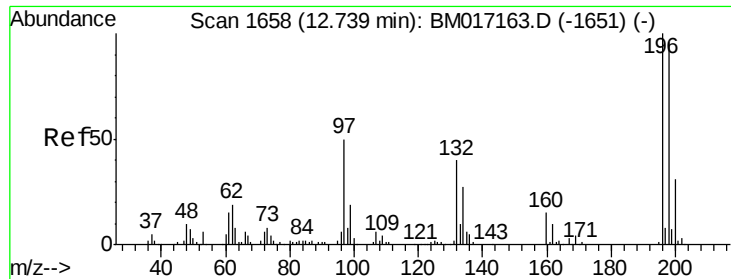
Acq: 19 Oct 2018 14:38

Tgt Ion:	330	Resp:	1347430
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	34.1	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





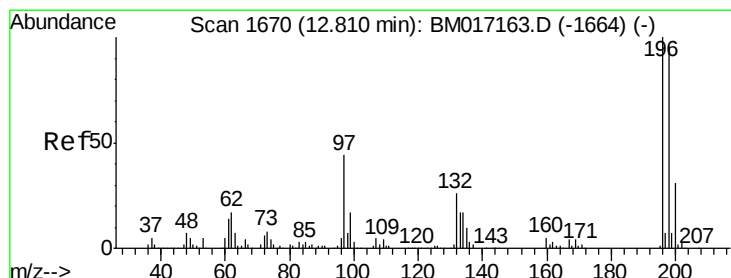
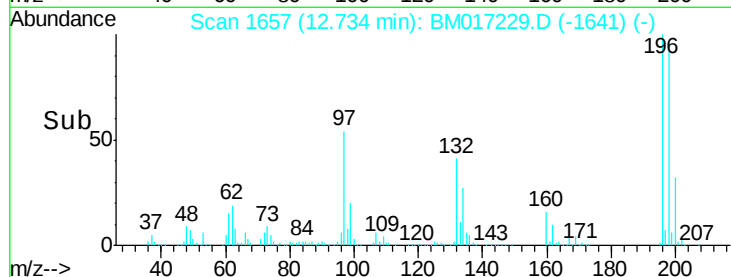
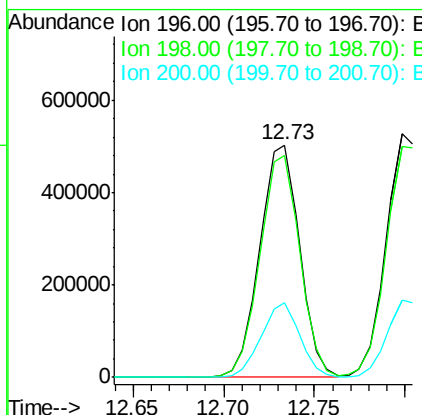
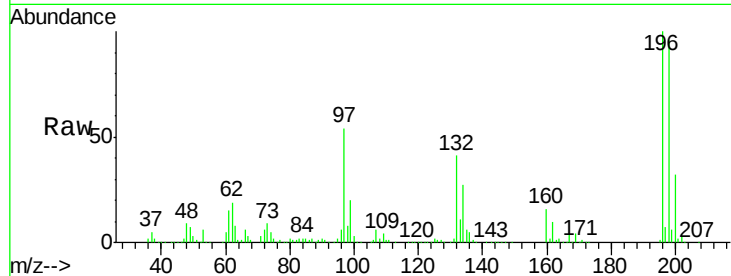
#43
 2,4,6-Trichlorophenol
 Concen: 46.733 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	770863		
198	95.6	77.1	115.7	
200	32.1	25.0	37.4	

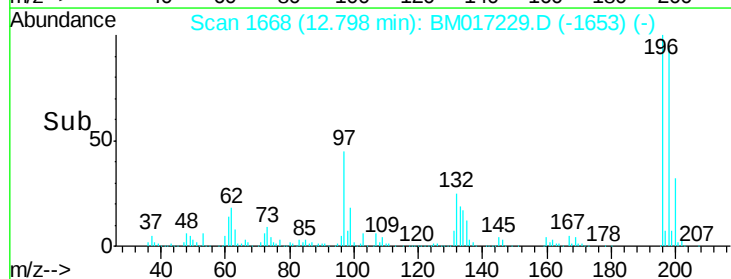
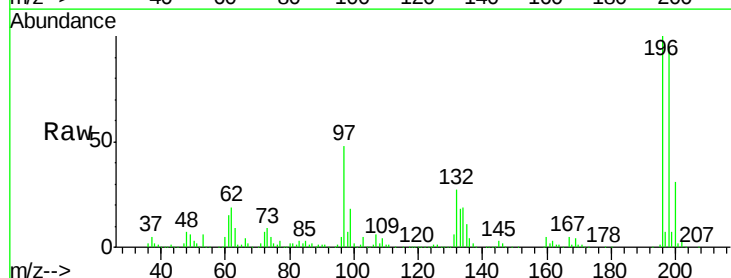
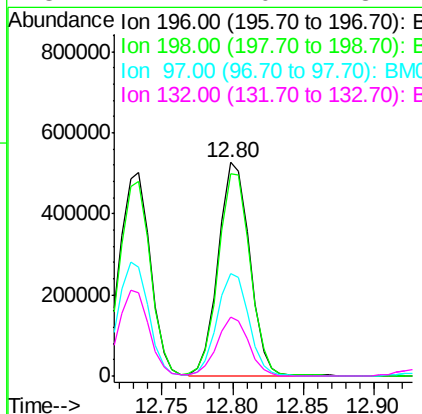
Manual Integrations
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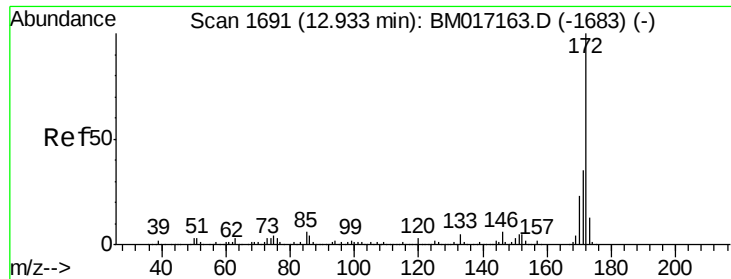
Sohil
 10/22/2018 1:09:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.062 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	814748		
198	94.5	76.6	115.0	
97	47.8	35.5	53.3	
132	27.4	20.7	31.1	





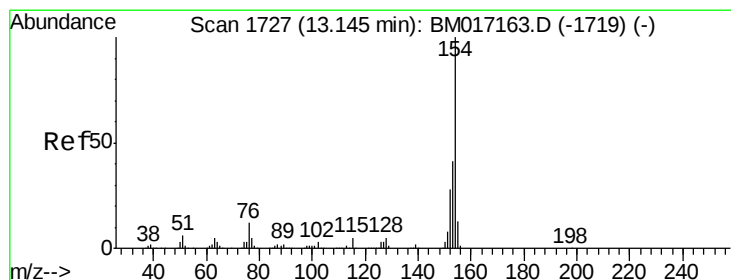
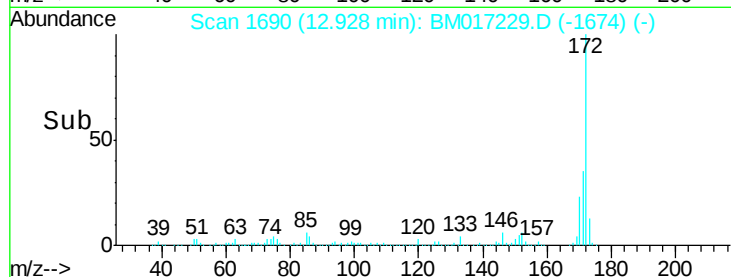
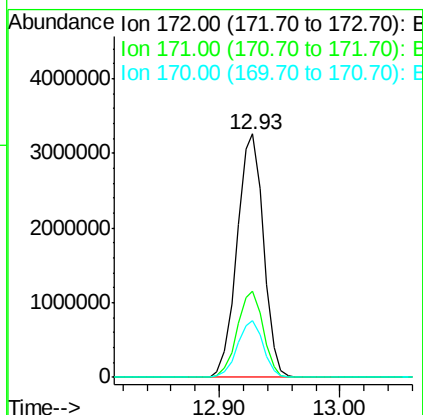
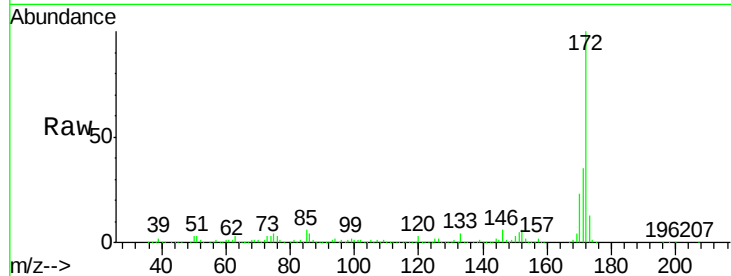
#45
2-Fluorobiphenyl
Concen: 81.878 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.2	18.3	27.5

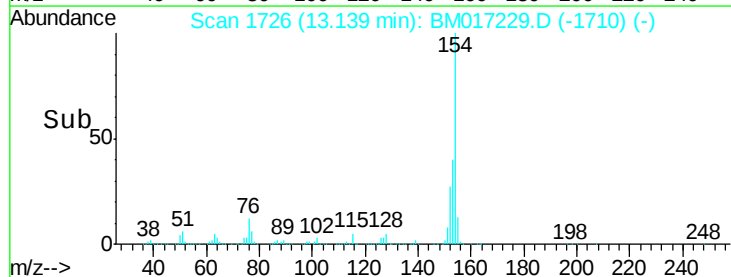
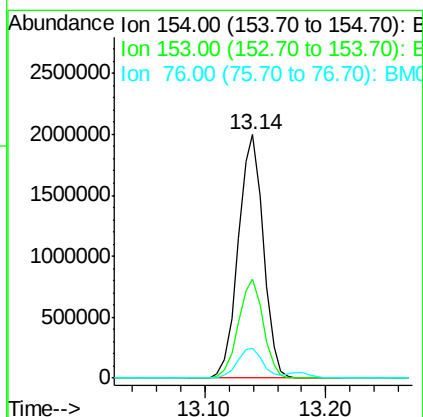
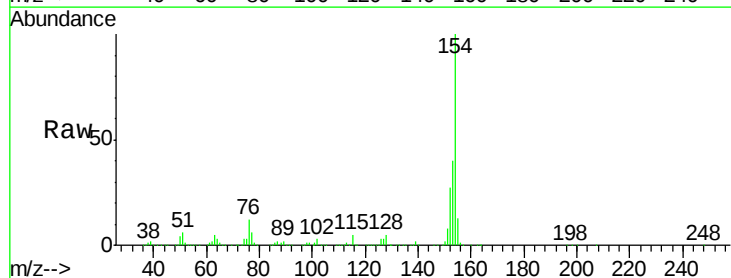
Manual Integrations
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#46
1,1'-Biphenyl
Concen: 39.692 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	12.2	0.0	31.8





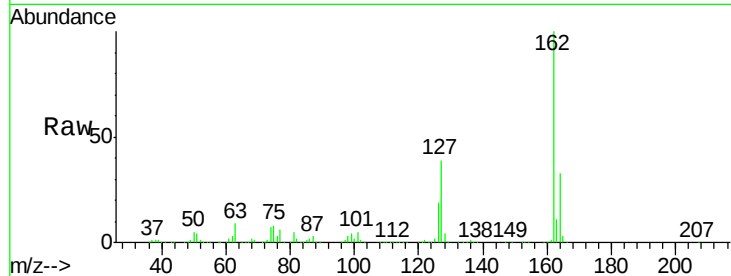
#47
2-Chloronaphthalene
Concen: 41.454 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.4	26.6	39.8

Manual Integrations
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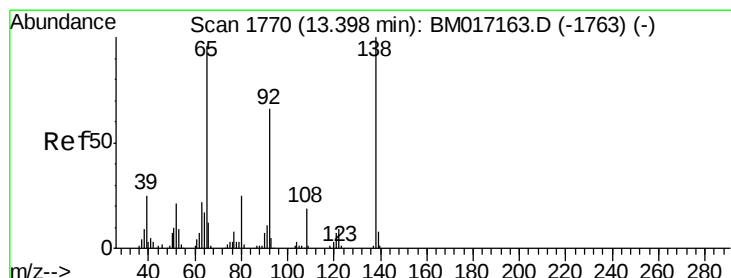
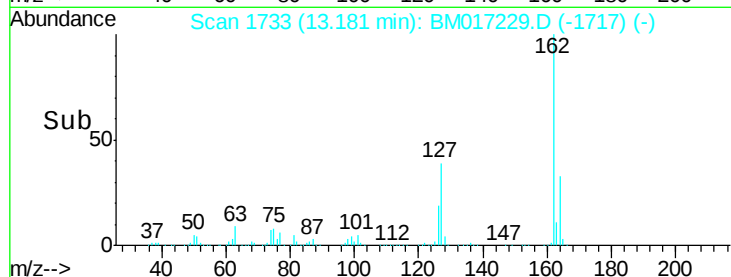
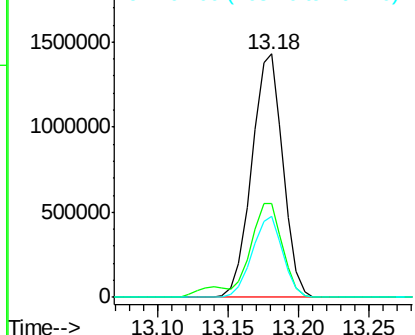


Abundance

Ion 162.00 (161.70 to 162.70): E

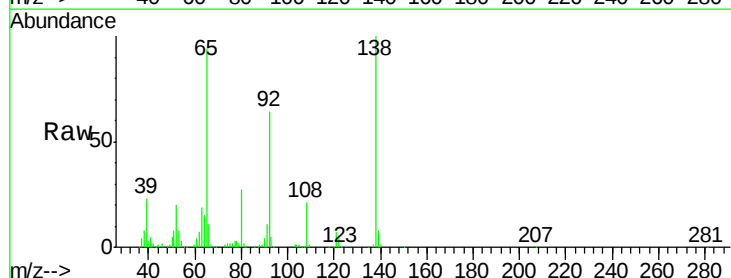
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.644 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.9	82.3
138	106.9	83.7	125.5

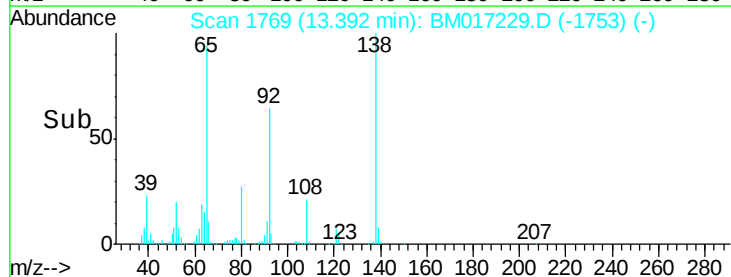
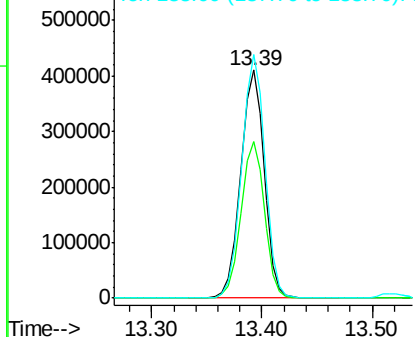


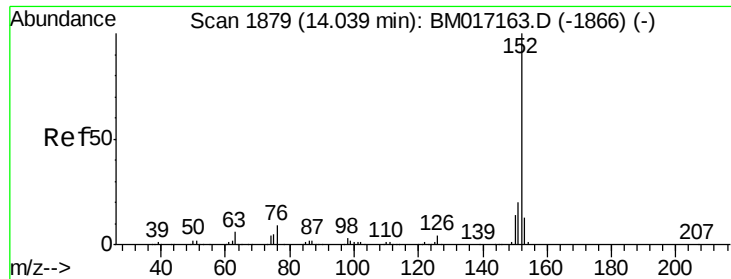
Abundance

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





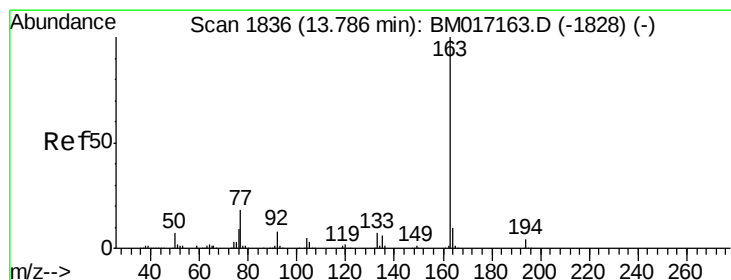
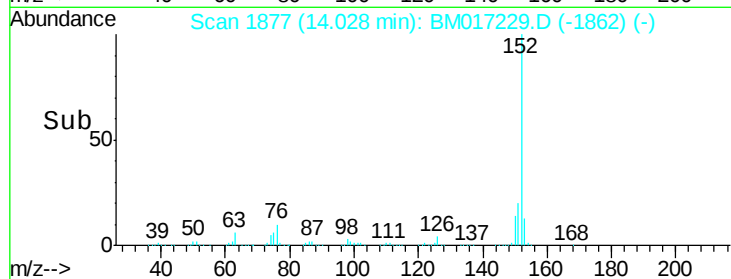
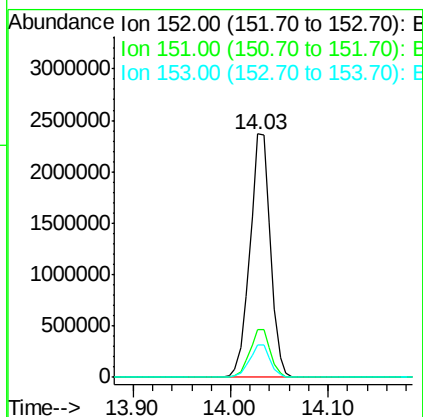
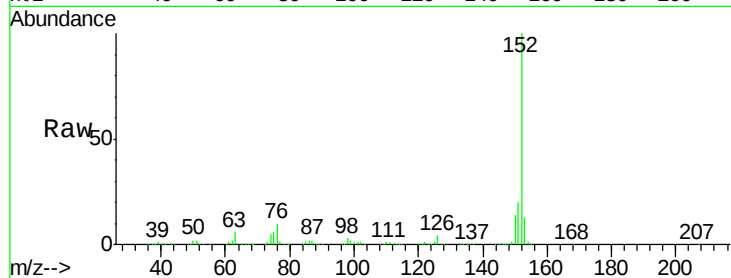
#49
Acenaphthylene
Concen: 45.235 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.3	10.4	15.6

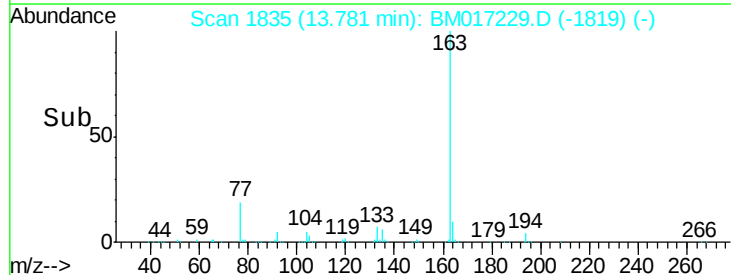
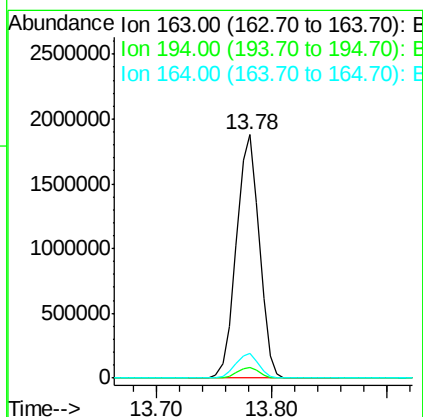
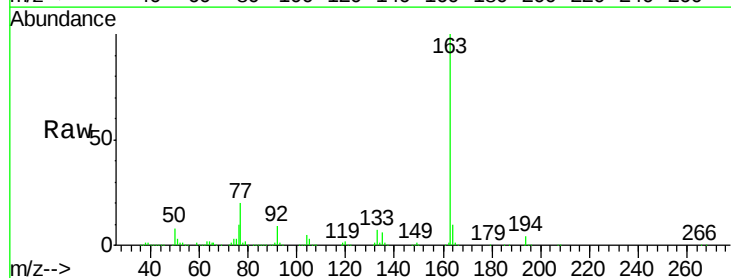
Manual Integrations
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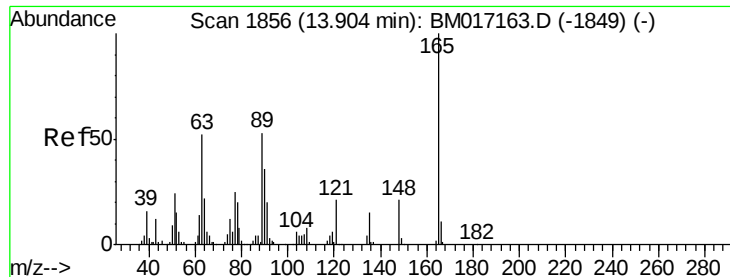
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#50
Dimethylphthalate
Concen: 41.541 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.3	7.8	11.8





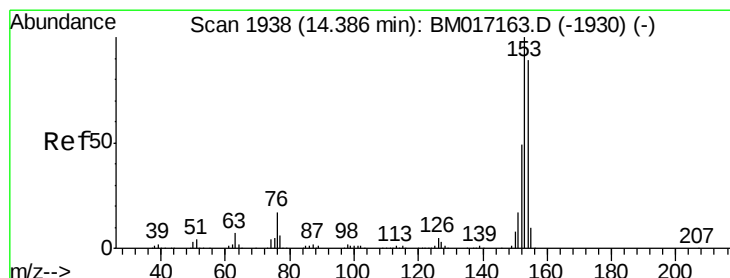
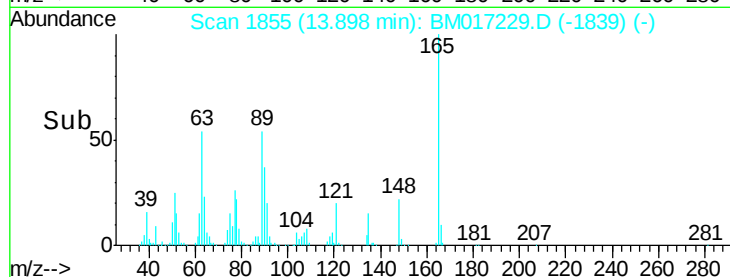
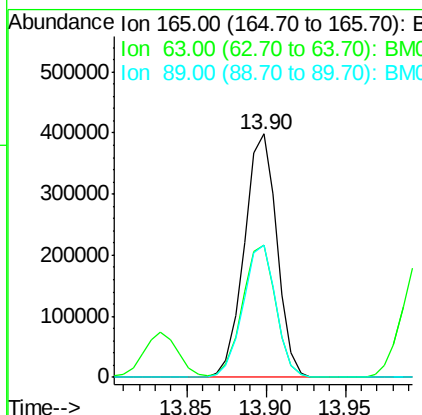
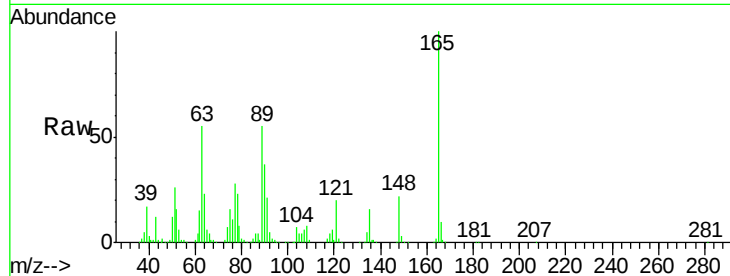
#51
 2,6-Dinitrotoluene
 Concen: 41.428 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	567603		
63	54.6	42.7	64.1	
89	54.6	42.1	63.1	

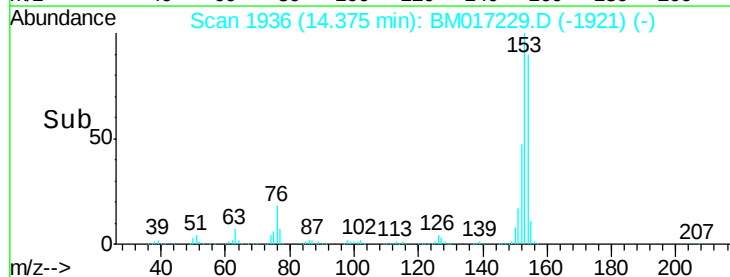
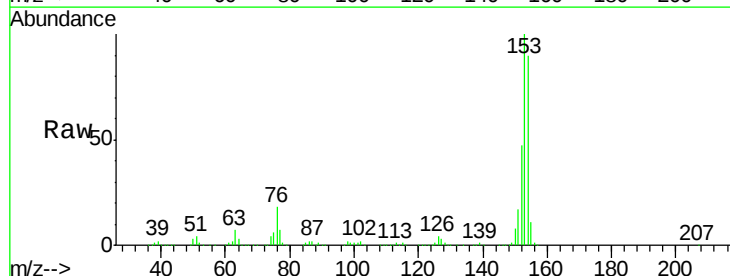
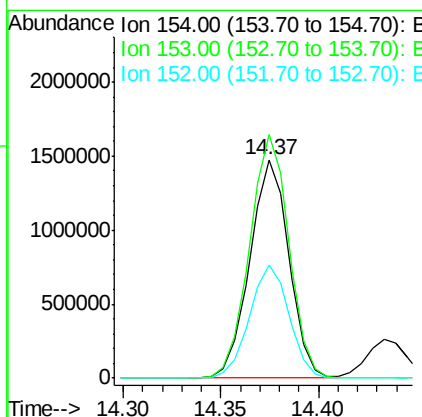
Manual Integrations
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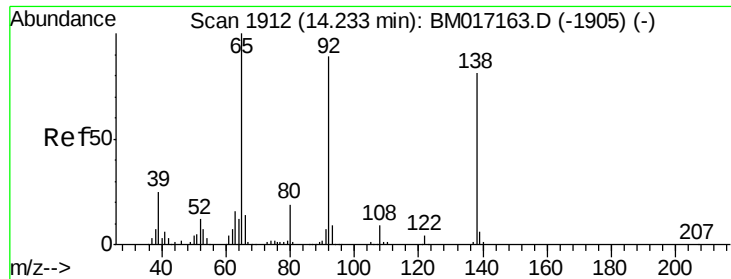
Sohil
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#52
 Acenaphthene
 Concen: 42.130 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2048153		
153	111.6	90.2	135.2	
152	52.1	44.2	66.4	





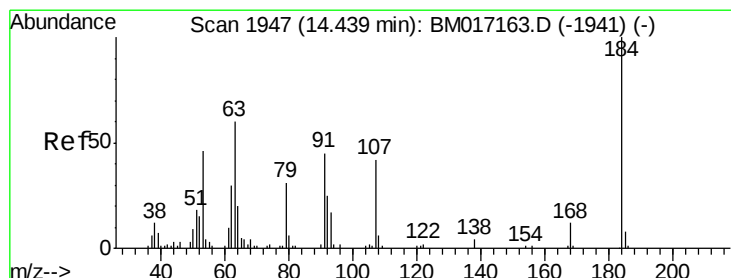
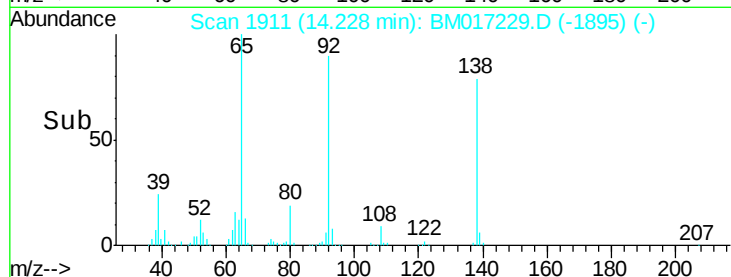
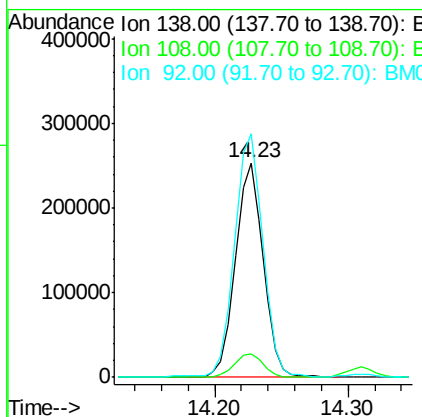
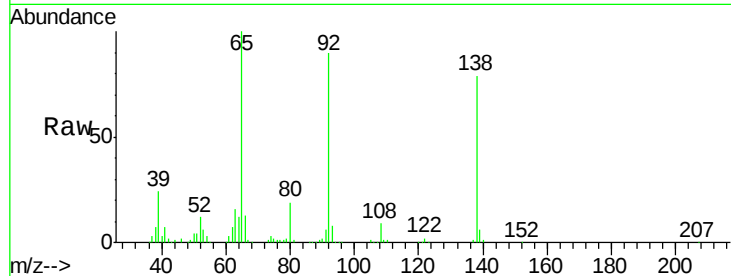
#53
3-Nitroaniline
Concen: 24.707 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	366628		
108	10.9	8.7	13.1	
92	113.5	87.9	131.9	

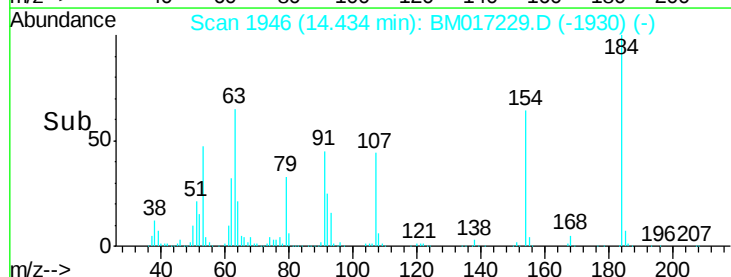
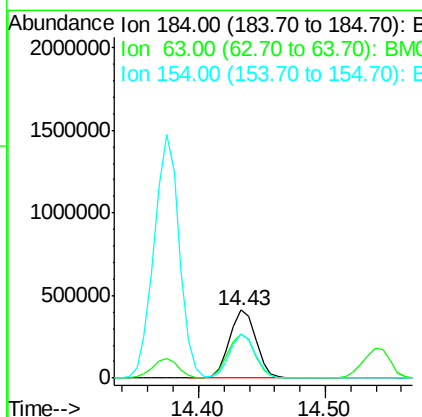
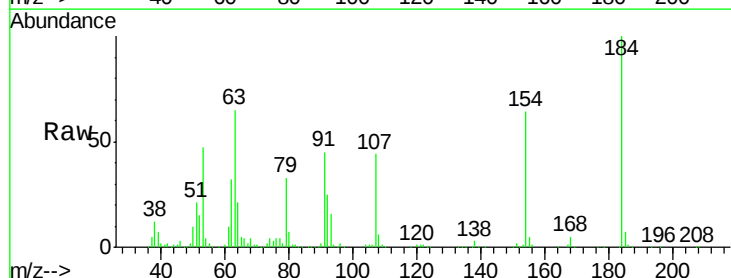
Manual Integrations
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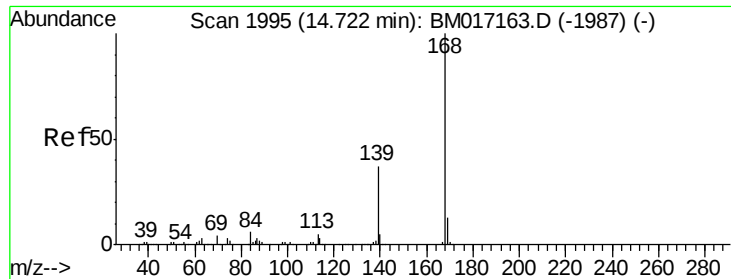
Sohil
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#54
2,4-Dinitrophenol
Concen: 74.641 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	595007		
63	64.8	51.2	76.8	
154	64.0	47.8	71.8	





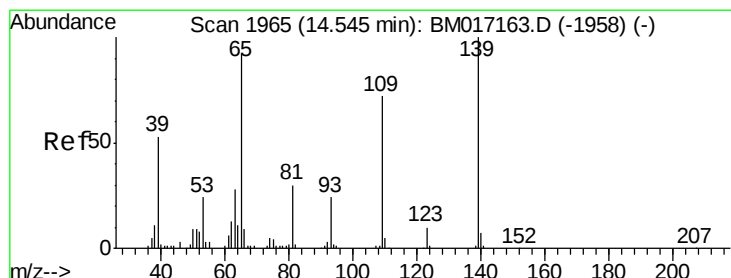
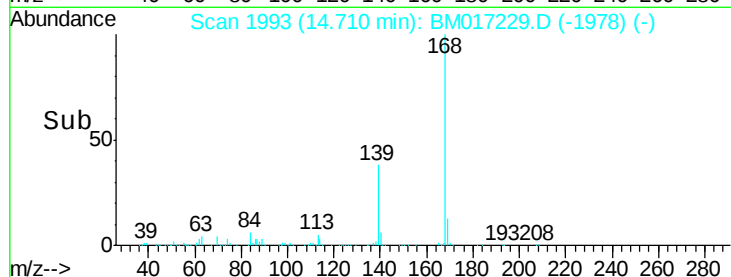
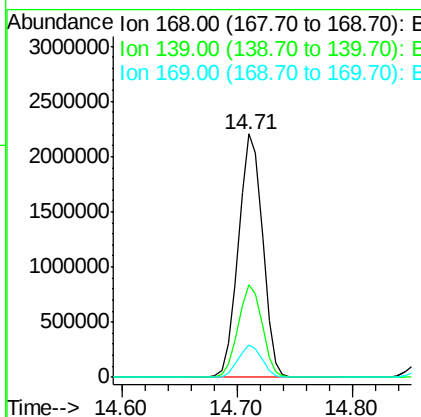
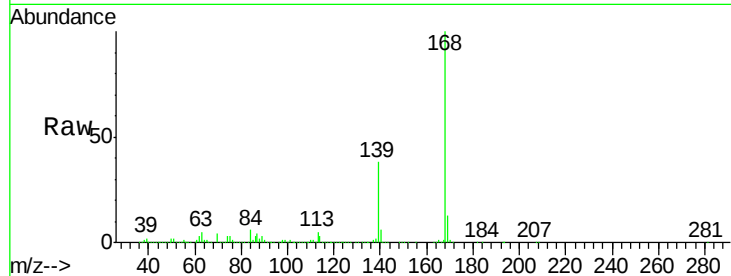
#55
Dibenzenofuran
Concen: 39.661 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion:168 Resp: 3206411
Ion Ratio Lower Upper
168 100
139 38.0 29.3 43.9
169 13.3 10.6 15.8

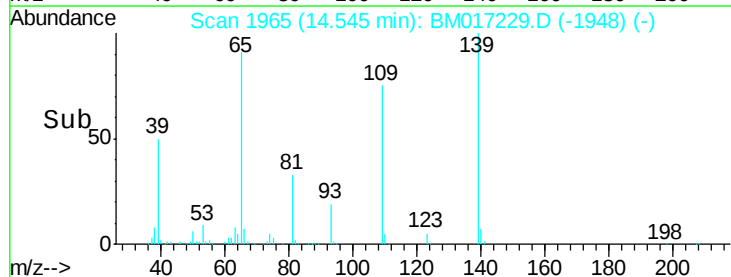
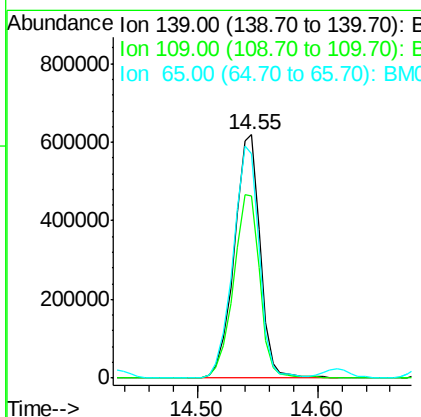
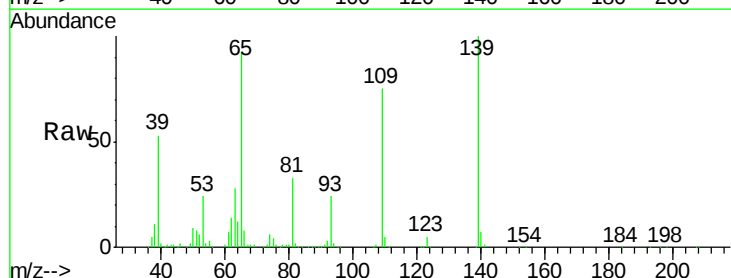
Manual Integrations
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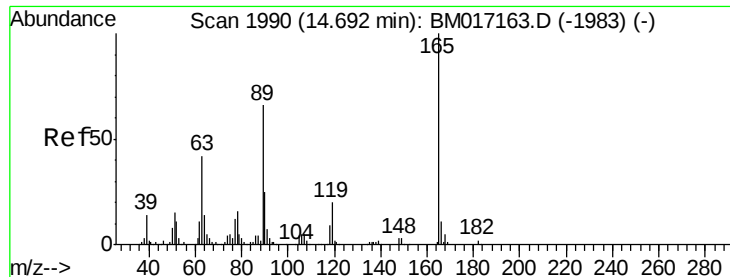
Sohil
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#56
4-Nitrophenol
Concen: 69.178 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:139 Resp: 926392
Ion Ratio Lower Upper
139 100
109 74.9 51.8 91.8
65 92.2 72.1 112.1





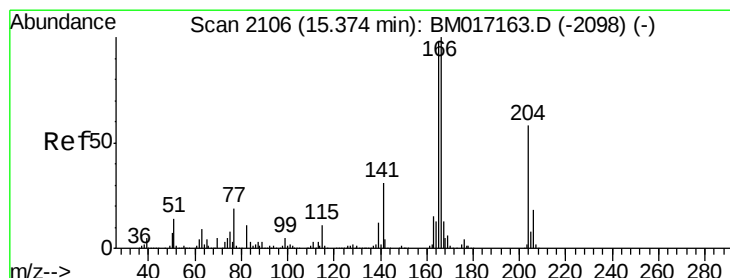
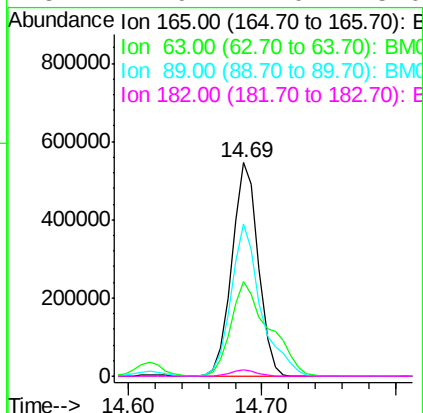
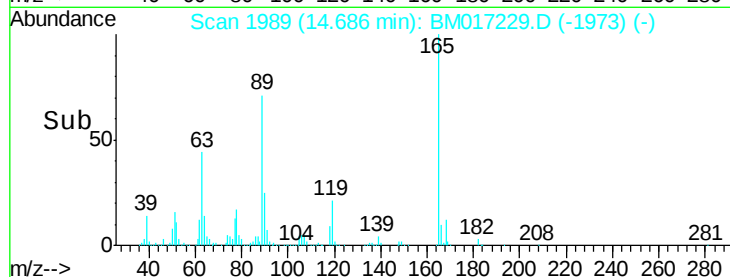
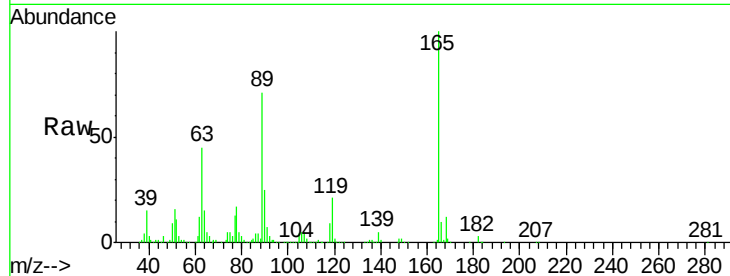
#57
2,4-Dinitrotoluene
Concen: 40.719 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	749836		
63	44.5	33.8	50.8	
89	71.3	53.1	79.7	
182	2.9	2.0	3.0	

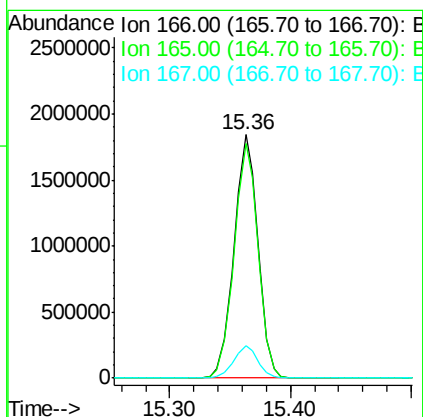
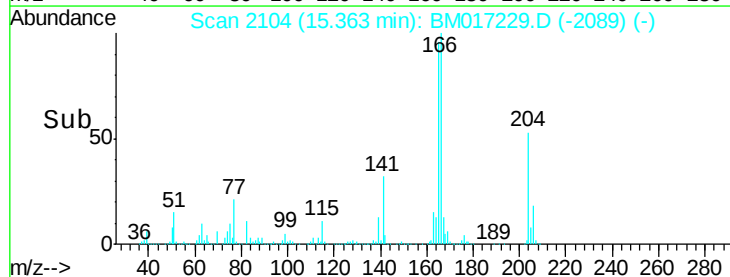
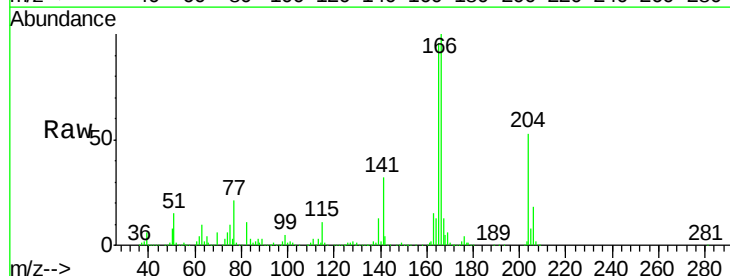
Manual Integrations
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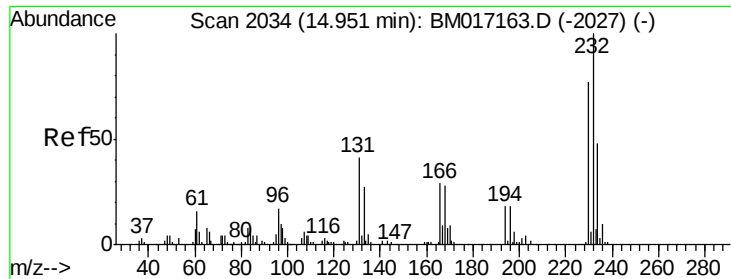
Sohil
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#58
Fluorene
Concen: 42.396 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2536980		
165	96.3	78.1	117.1	
167	13.5	10.6	16.0	





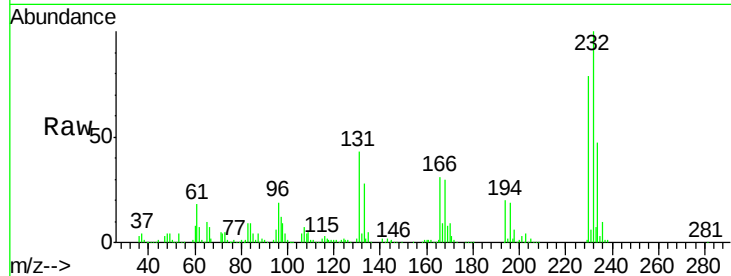
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.701 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

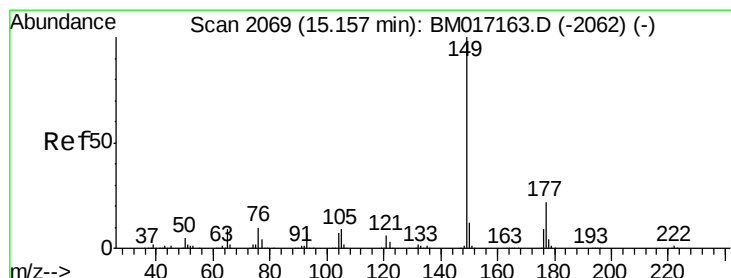
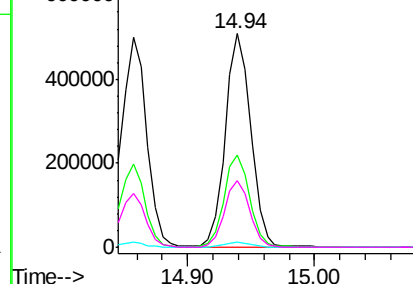
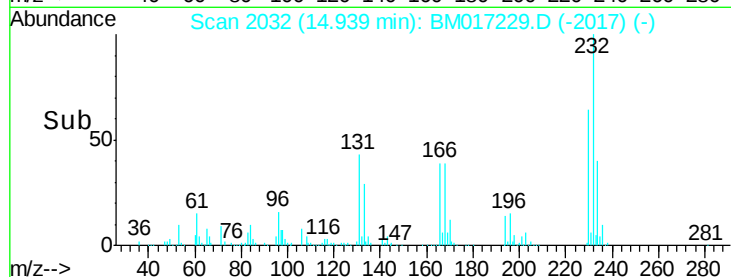
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	33.1	49.7
130	2.3	1.7	2.5
166	31.1	24.4	36.6

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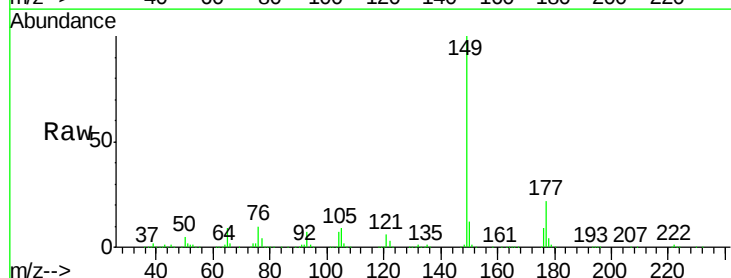


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

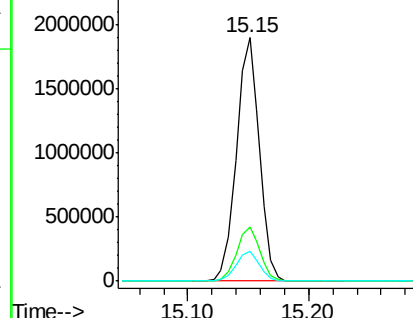
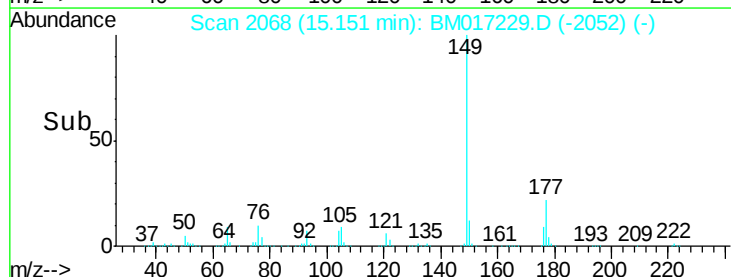


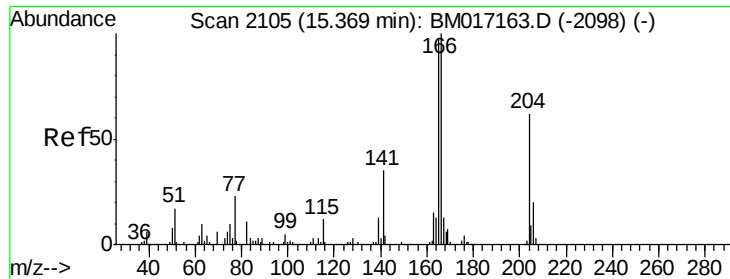
#60
 Diethylphthalate
 Concen: 40.313 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	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





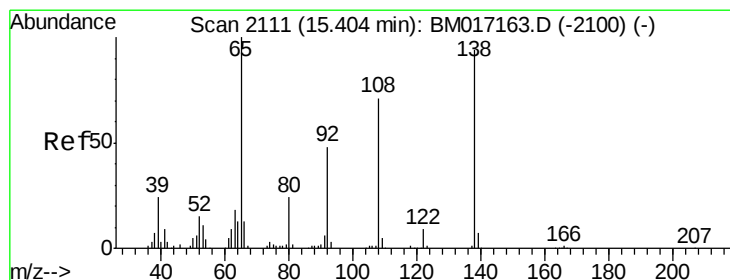
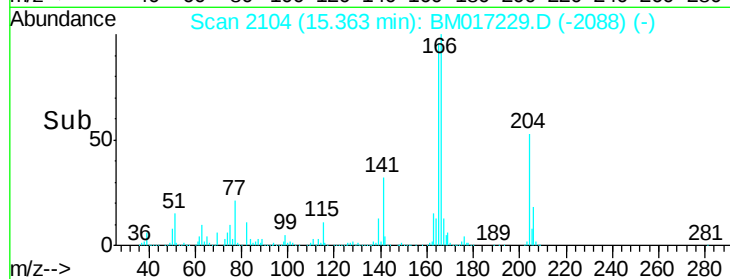
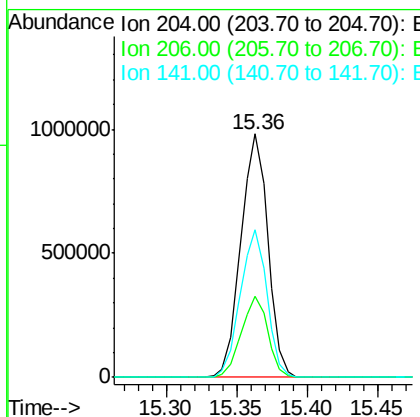
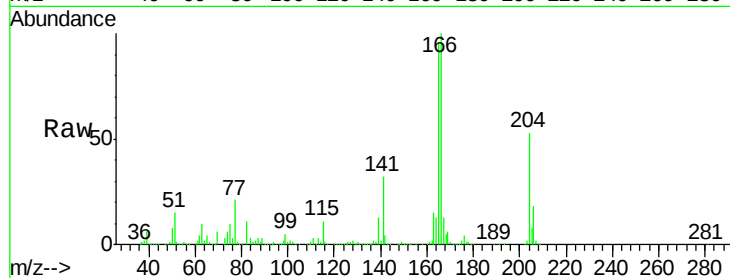
#61
4-Chlorophenyl-phenylether
Concen: 38.491 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion: 204 Resp: 1313101
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 60.7 45.4 68.2

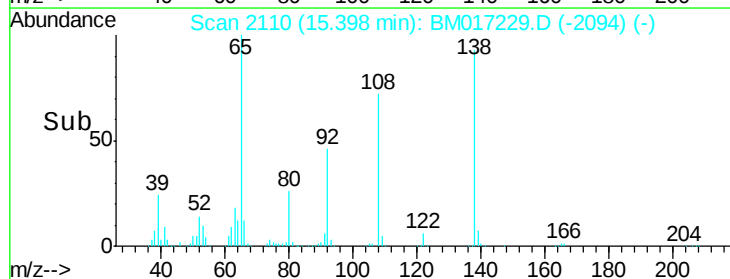
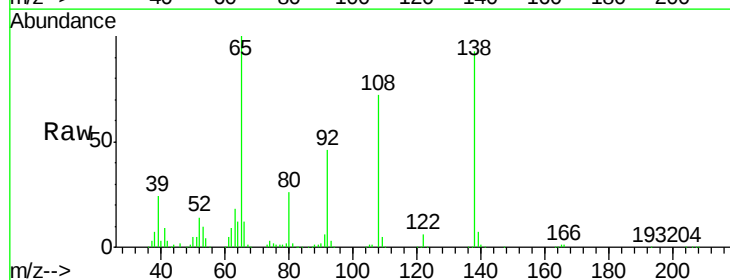
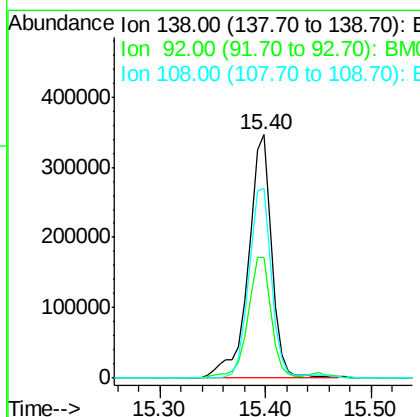
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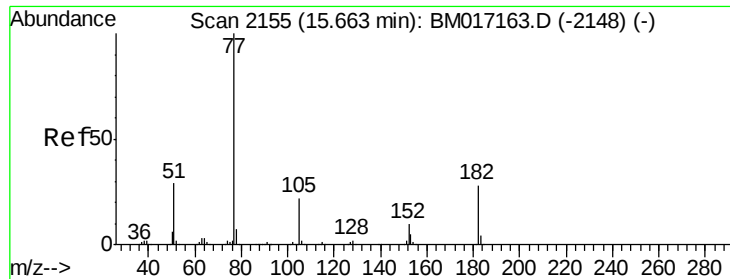
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#62
4-Nitroaniline
Concen: 34.189 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion: 138 Resp: 541024
Ion Ratio Lower Upper
138 100
92 49.8 31.2 71.2
108 77.7 55.5 95.5





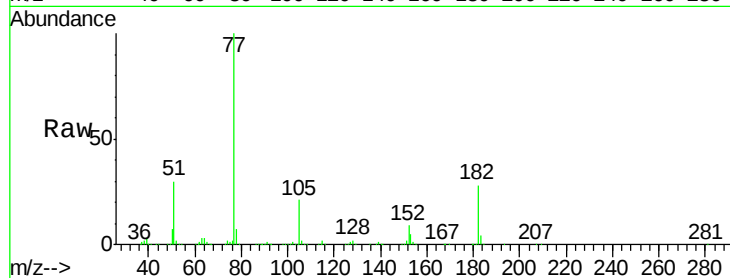
#63
Azobenzene
Concen: 40.422 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

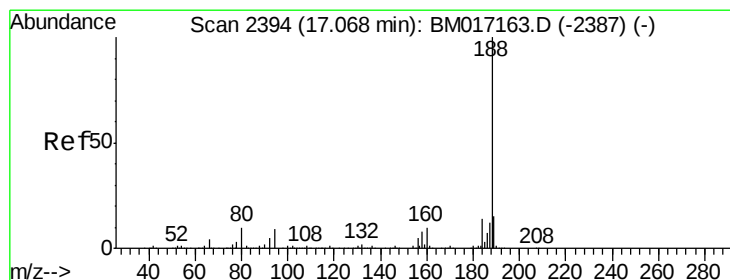
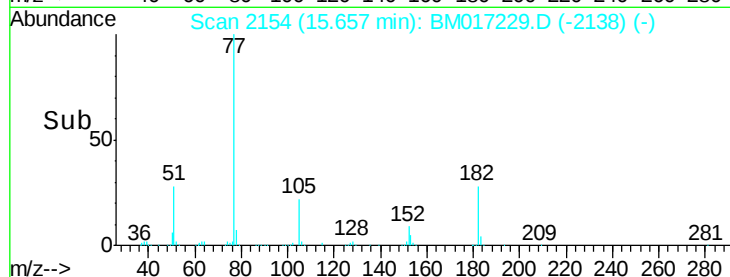
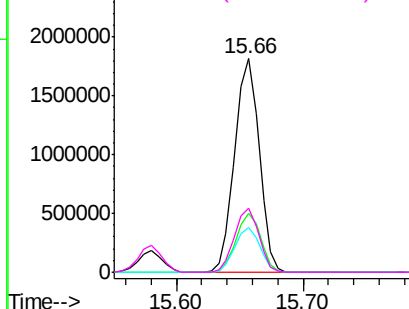
Tgt Ion: 77 Resp: 2425497
Ion Ratio Lower Upper
77 100
182 27.8 8.3 48.3
105 21.3 1.5 41.5
51 30.1 8.8 48.8

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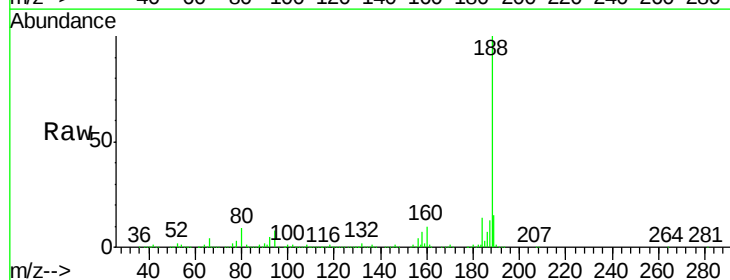


Abundance Ion 77.00 (76.70 to 77.70): BM017229.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017229.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017229.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017229.D (-2148) (-)

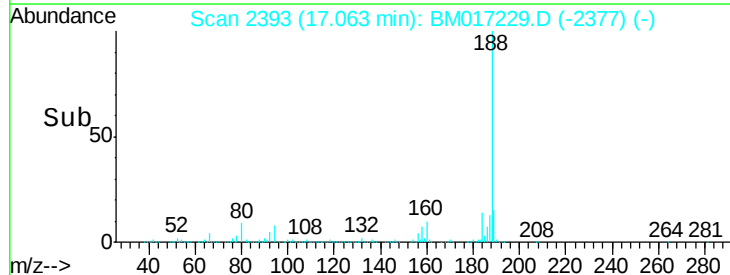
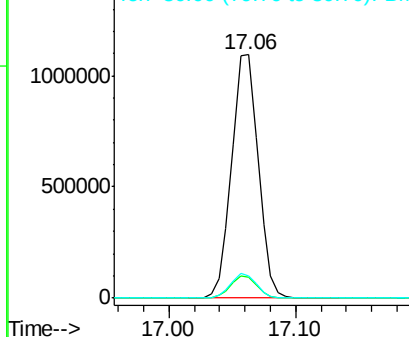


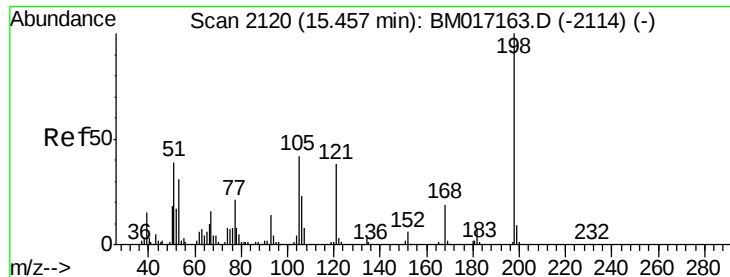
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion: 188 Resp: 1583883
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017229.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017229.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017229.D (-2387) (-)





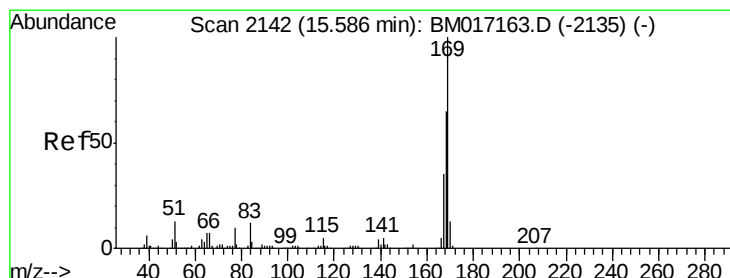
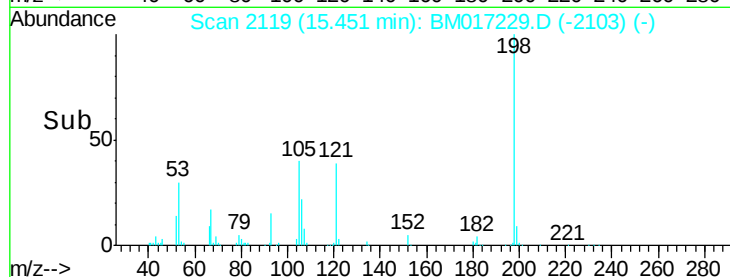
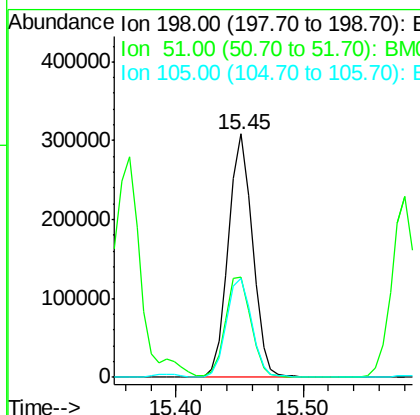
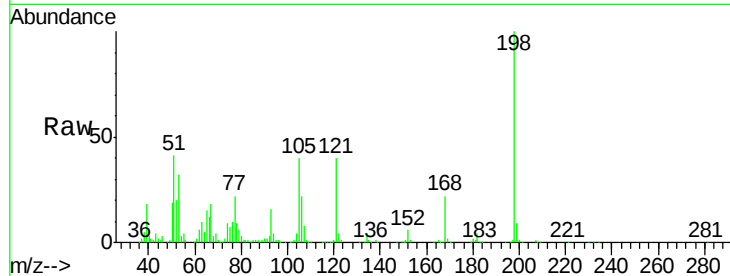
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.268 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	408040		
51	41.2	20.3	60.3	
105	40.4	21.9	61.9	

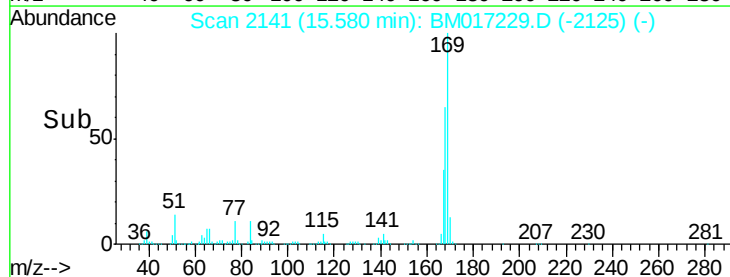
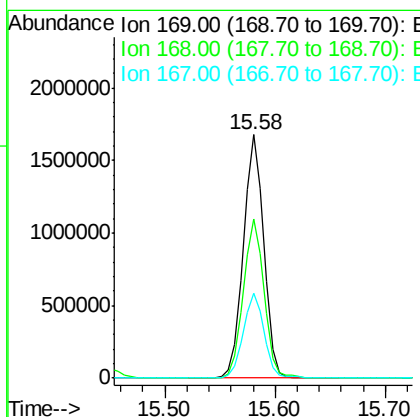
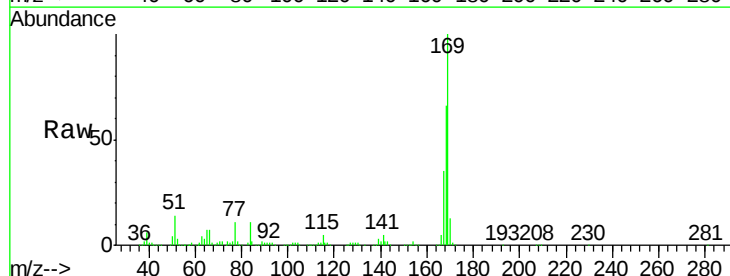
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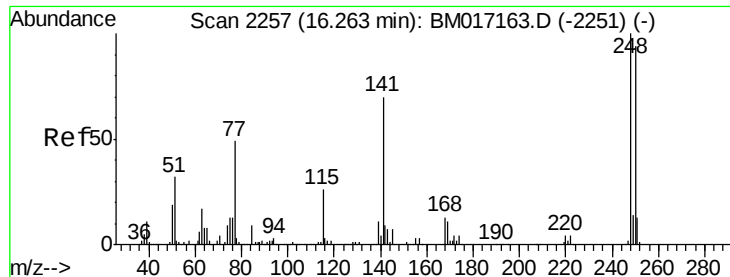
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#66
 n-Nitrosodiphenylamine
 Concen: 45.601 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2185184		
168	65.5	52.2	78.4	
167	35.1	28.4	42.6	





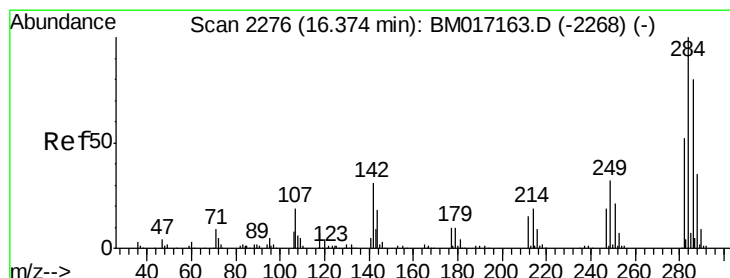
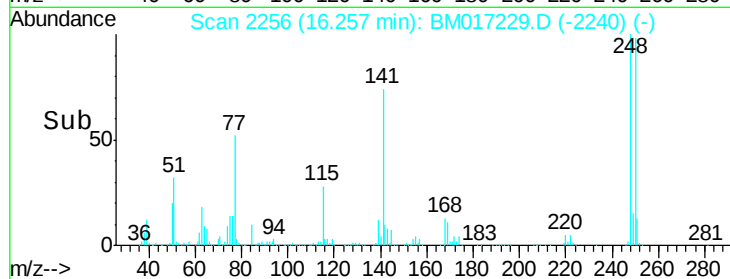
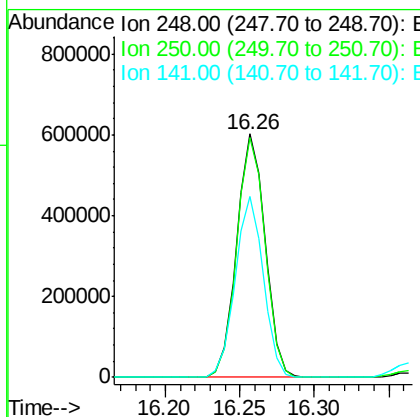
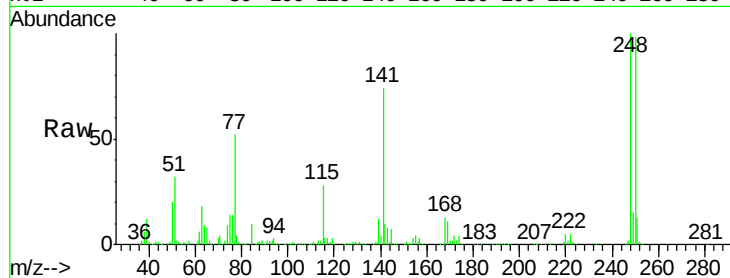
#67
4-Bromophenyl-phenylether
Concen: 45.884 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	75.1	112.7
141	74.2	55.6	83.4

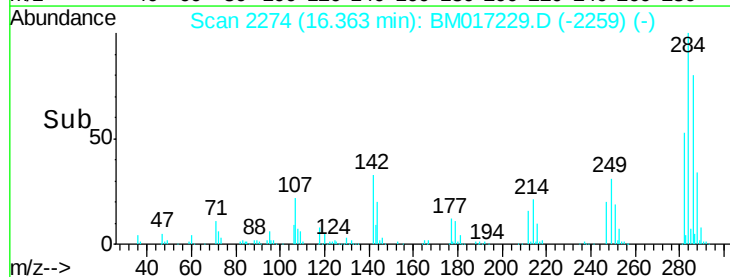
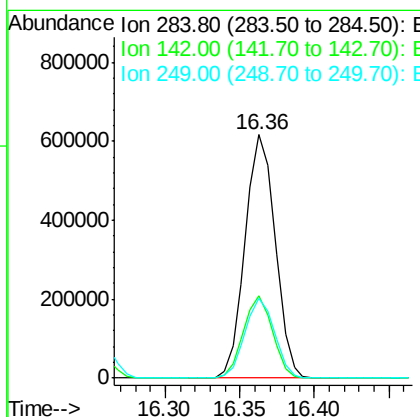
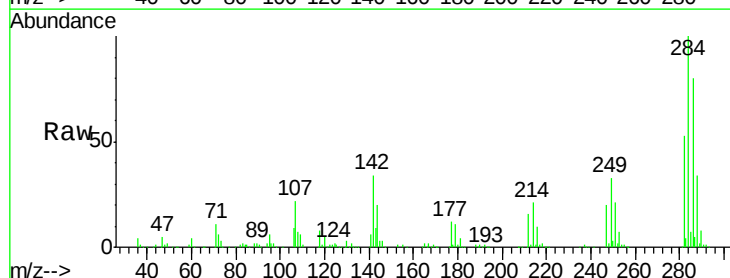
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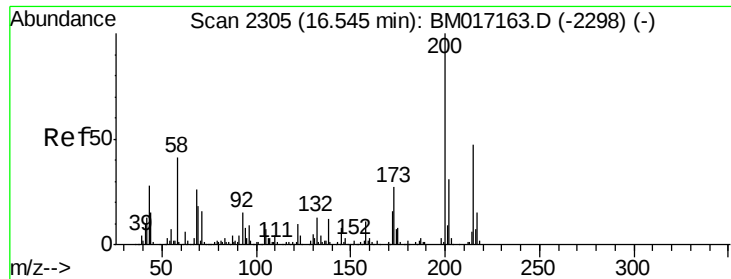
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#68
Hexachlorobenzene
Concen: 42.487 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.0	37.6
249	32.7	25.5	38.3





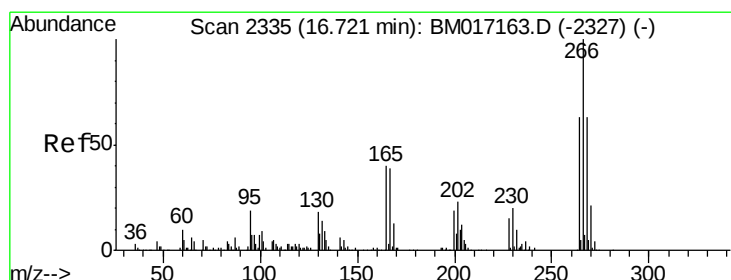
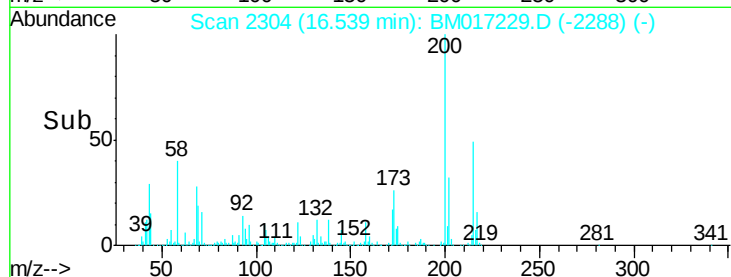
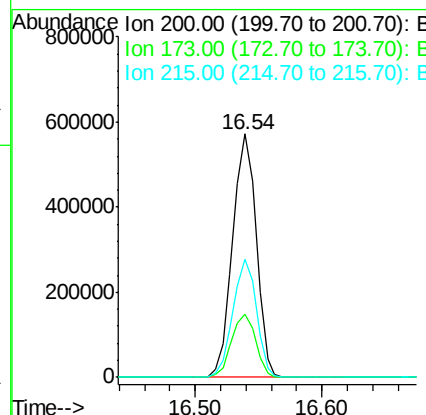
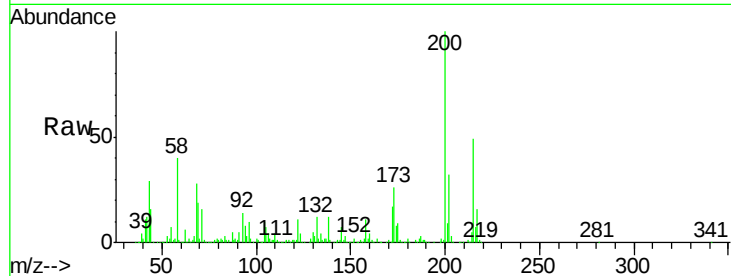
#69
Atrazine
Concen: 43.007 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	737600		
173	26.2	7.0	47.0	
215	48.7	27.3	67.3	

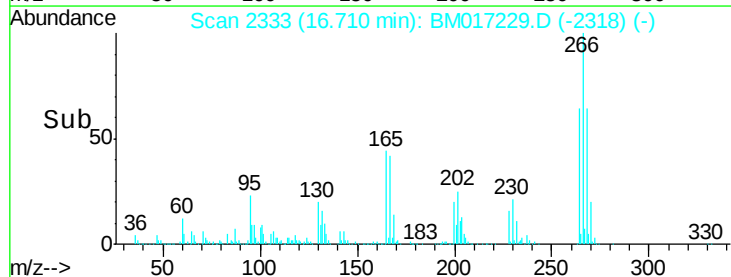
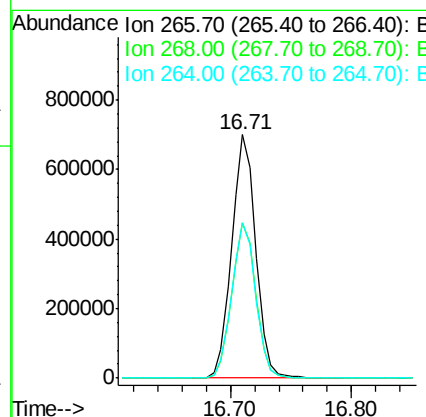
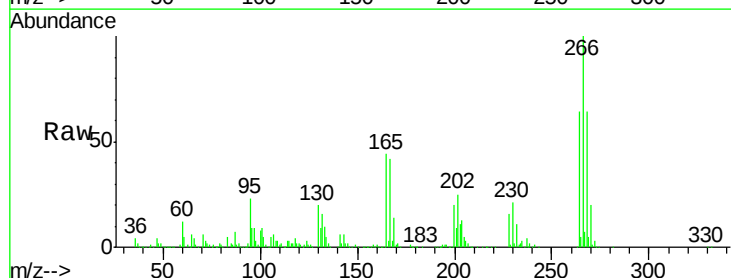
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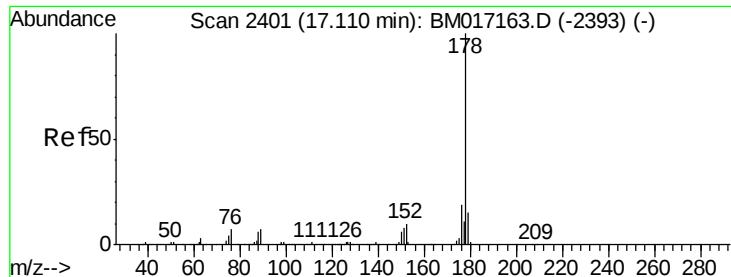
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#70
Pentachlorophenol
Concen: 70.045 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	969333		
268	64.0	50.7	76.1	
264	64.0	50.4	75.6	





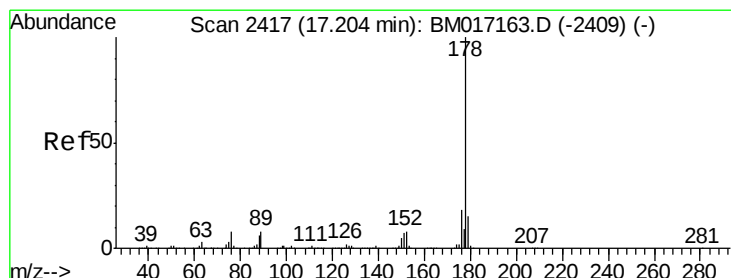
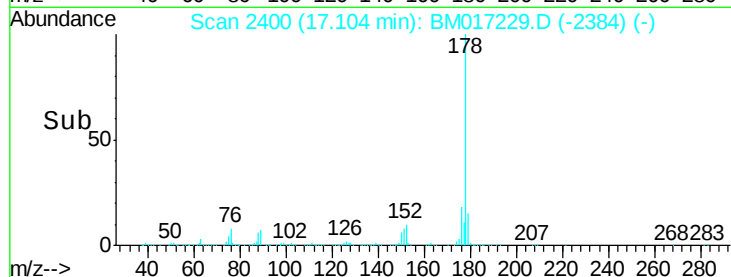
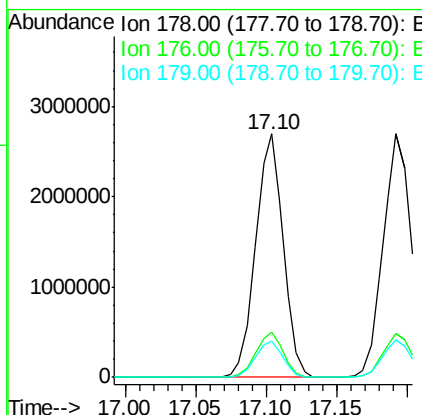
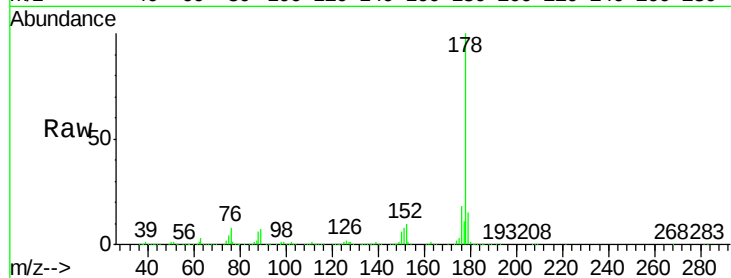
#71
Phenanthrene
Concen: 43.288 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion:178 Resp: 3699192
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.0 12.3 18.5

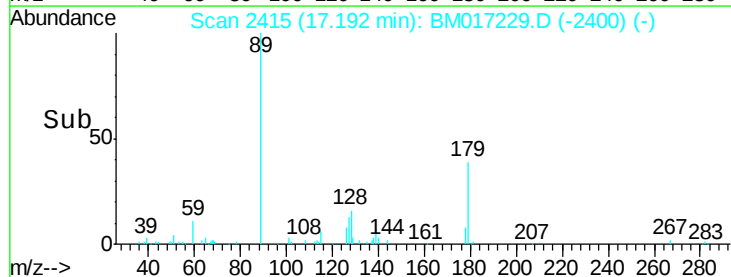
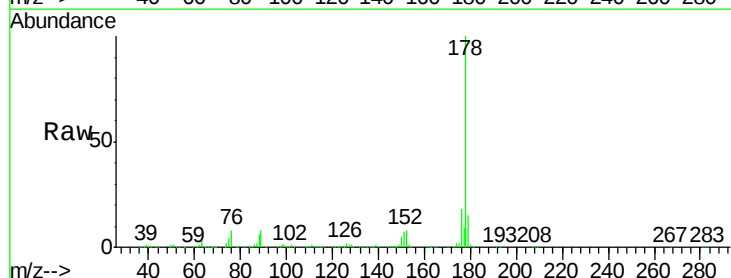
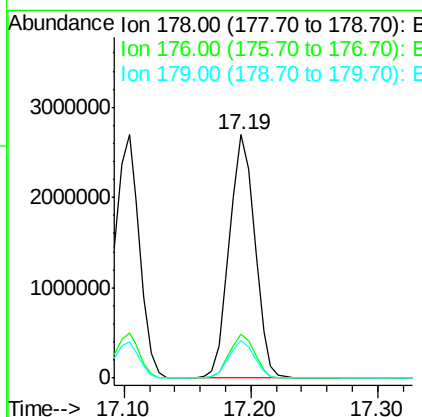
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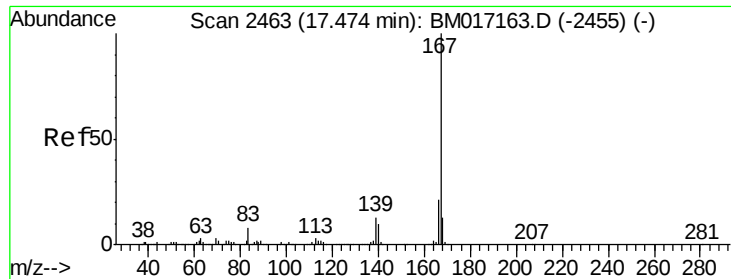
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#72
Anthracene
Concen: 46.206 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:178 Resp: 3751839
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.4 12.2 18.2





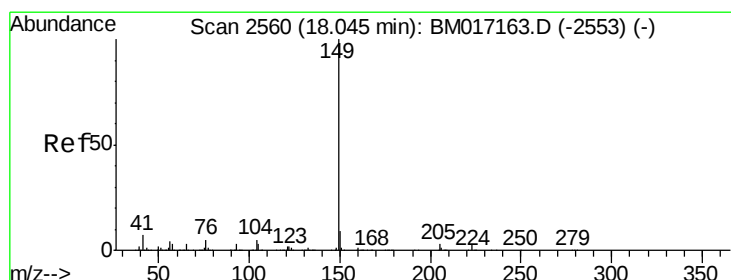
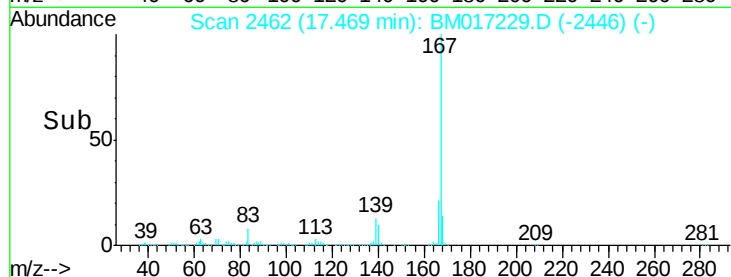
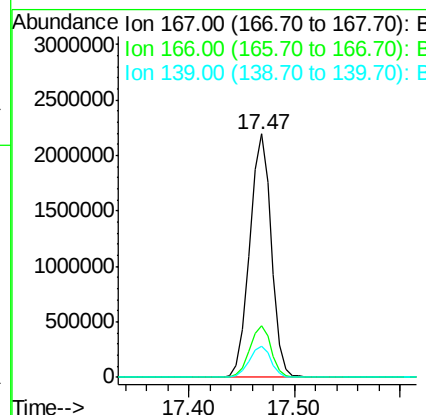
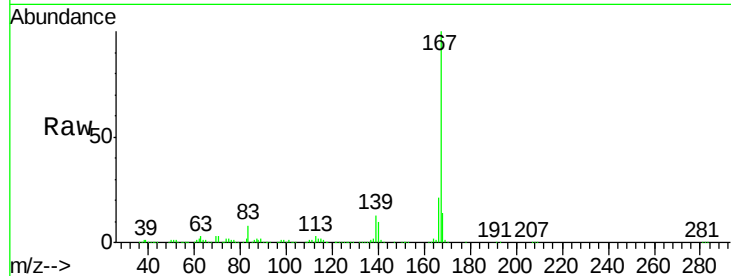
#73
 Carbazole
 Concen: 37.500 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Tgt Ion:167 Resp: 3110406
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 12.6 10.1 15.1

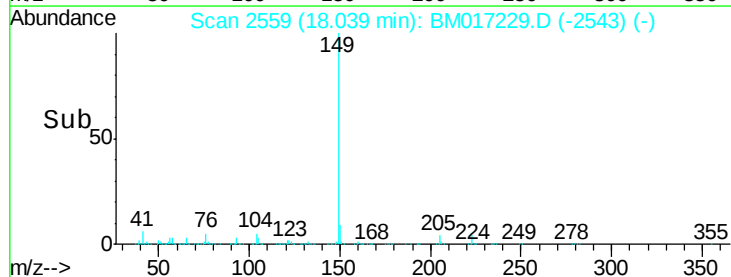
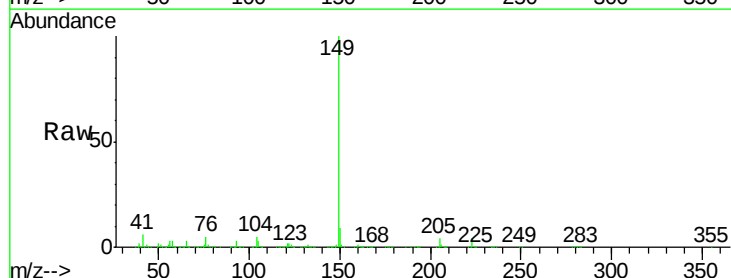
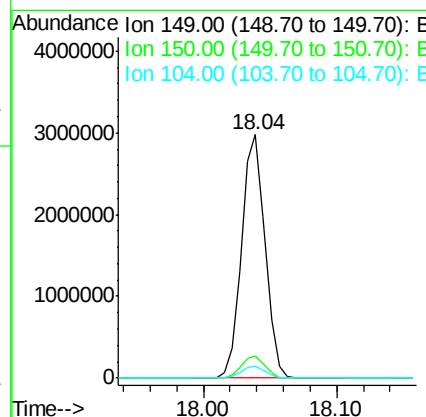
Manual Integrations
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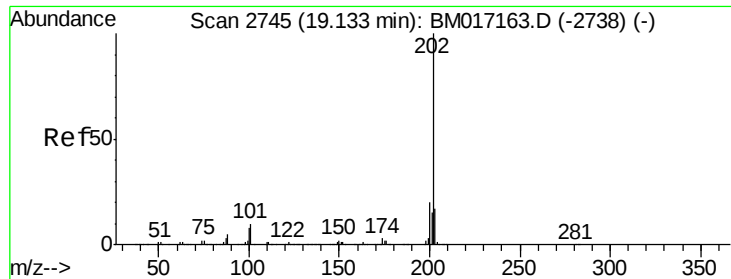
Sohil
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#74
 Di-n-butylphthalate
 Concen: 41.335 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion:149 Resp: 3616060
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 38.683 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

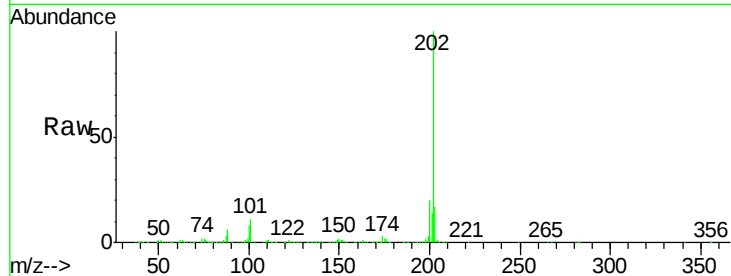
ClientSampleId :

PB113600BS

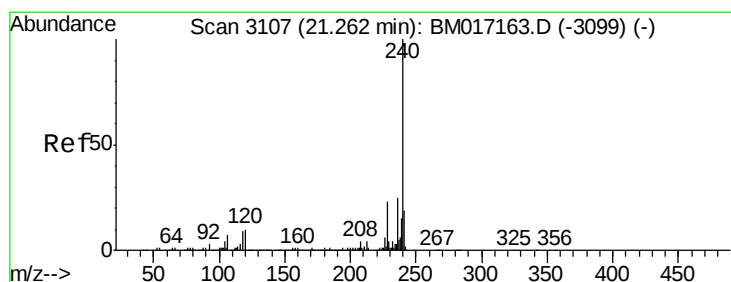
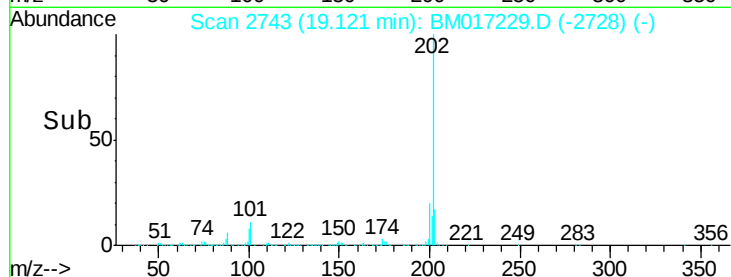
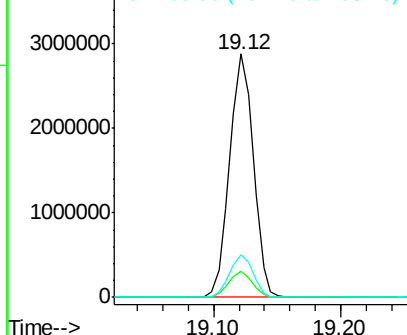
Tgt Ion:	202	Resp:	3719750
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.0
203	17.4	0.0	37.2

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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

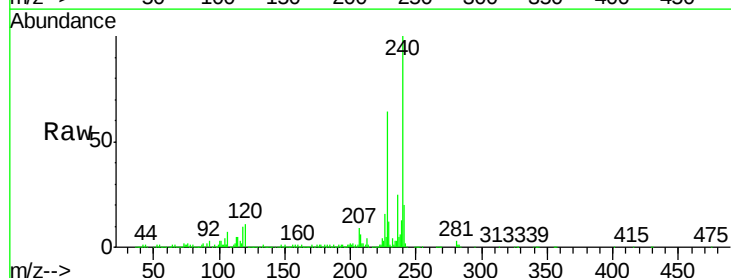
RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

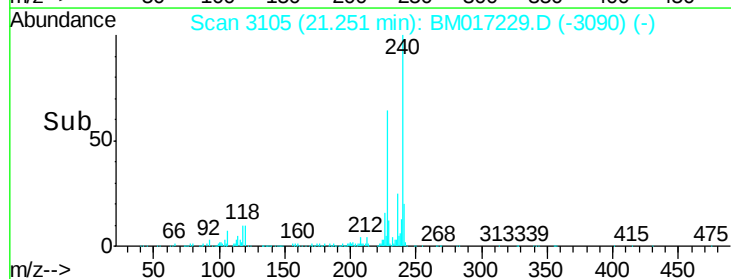
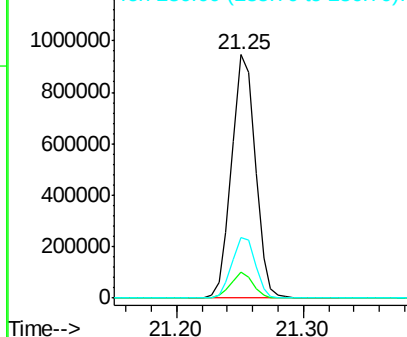
Lab File: BM017229.D

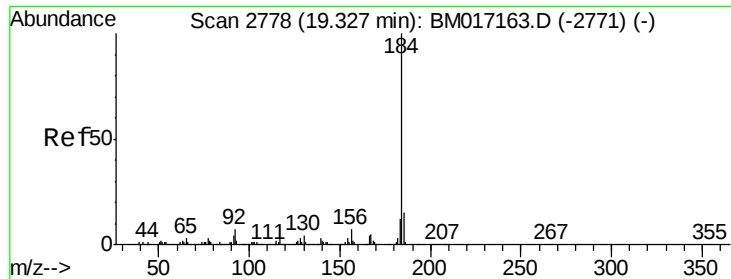
Acq: 19 Oct 2018 14:38

Tgt Ion:	240	Resp:	1220503
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	24.7	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: 58.535 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

PB113600BS

Tgt Ion:184 Resp: 1811530

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

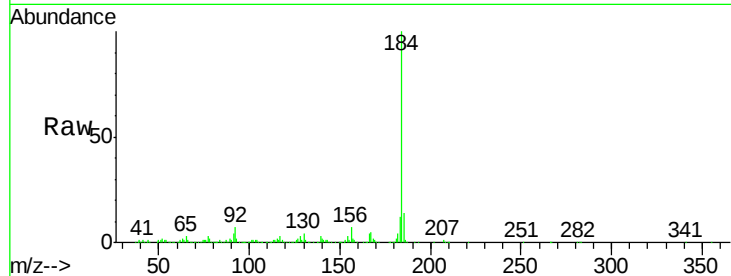
183 11.6 9.7 14.5

Manual Integrations

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Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

1500000

1000000

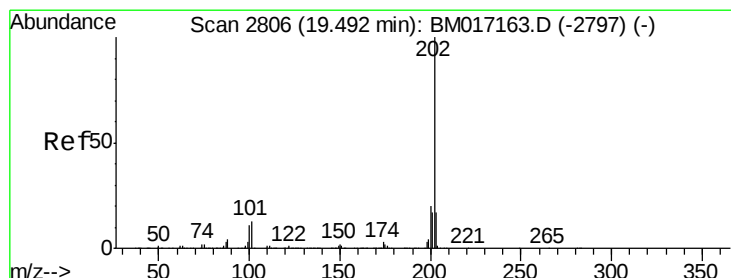
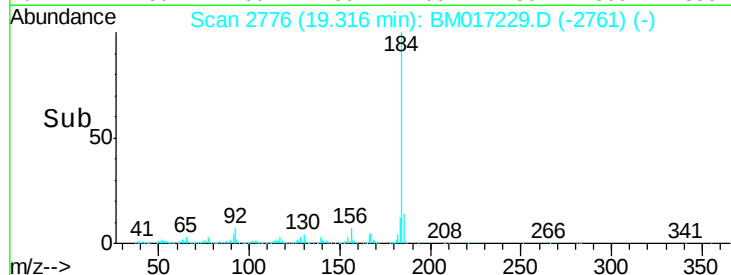
500000

0

19.32

19.30 19.40

Time-->



#78

Pyrene

Concen: 54.367 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

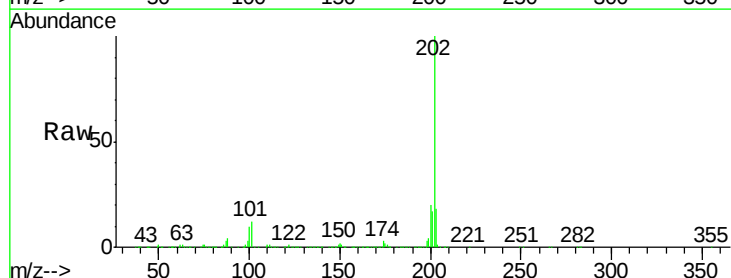
Tgt Ion:202 Resp: 3708639

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

4000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

3000000

2000000

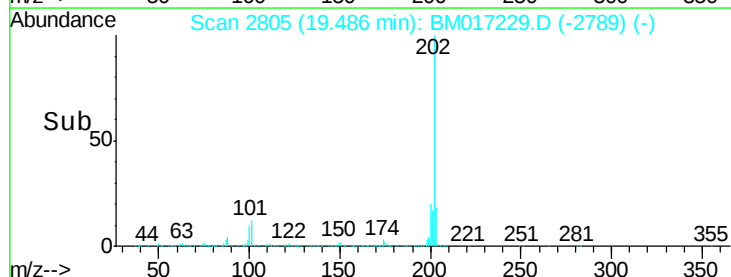
1000000

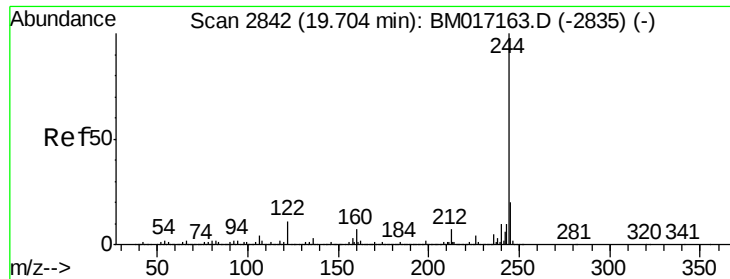
0

19.49

19.40 19.50

Time-->





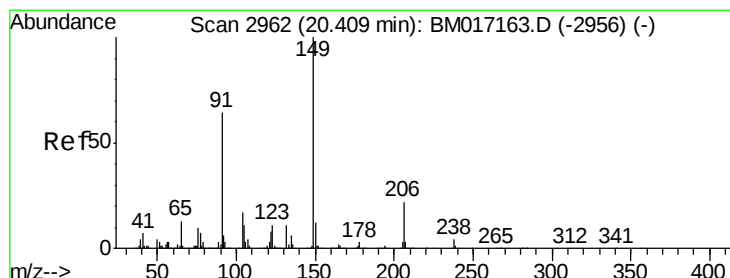
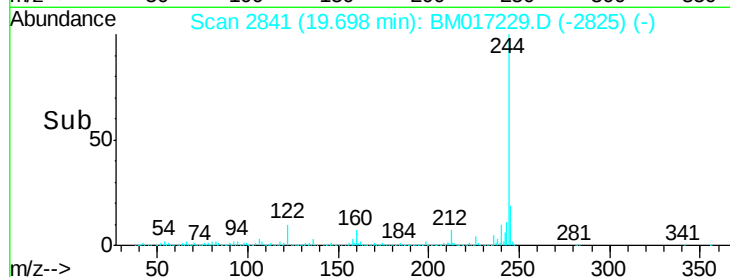
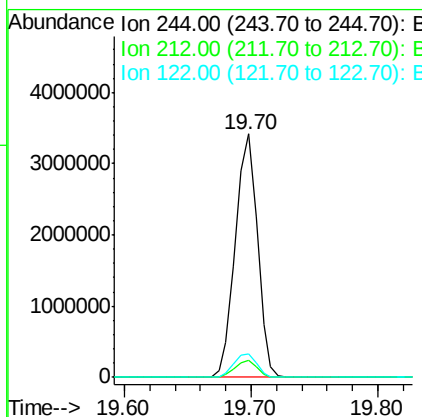
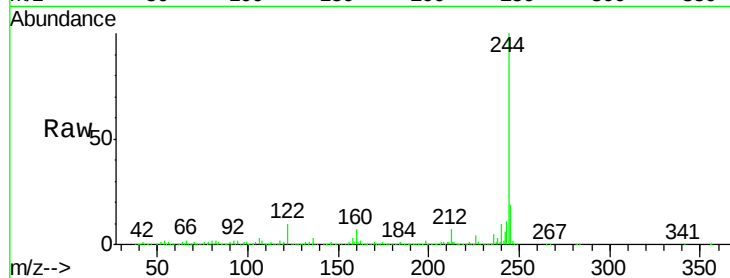
#79
 Terphenyl-d14
 Concen: 76.083 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Tgt Ion:244 Resp: 4119764
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.7 8.4 12.6

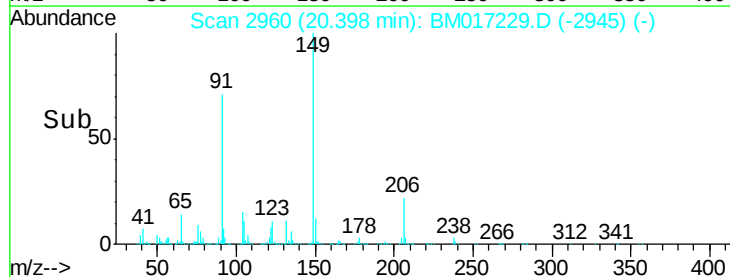
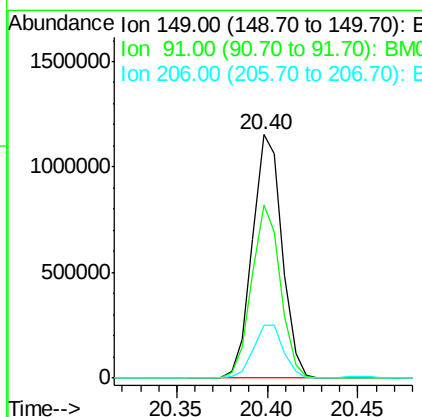
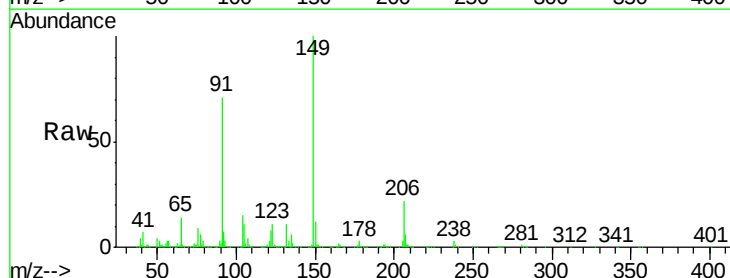
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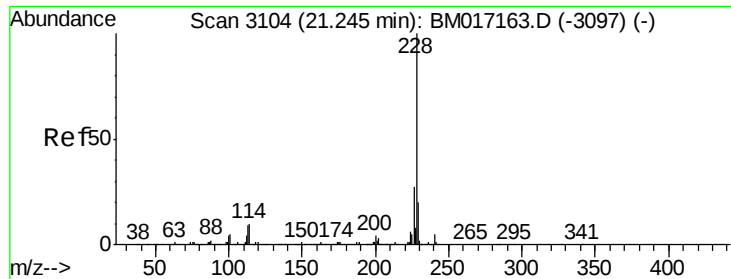
Sohil
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#80
 Butylbenzylphthalate
 Concen: 50.090 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion:149 Resp: 1309749
 Ion Ratio Lower Upper
 149 100
 91 71.1 51.3 76.9
 206 21.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.346 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

PB113600BS

Tgt Ion:228 Resp: 3114499

Ion Ratio Lower Upper

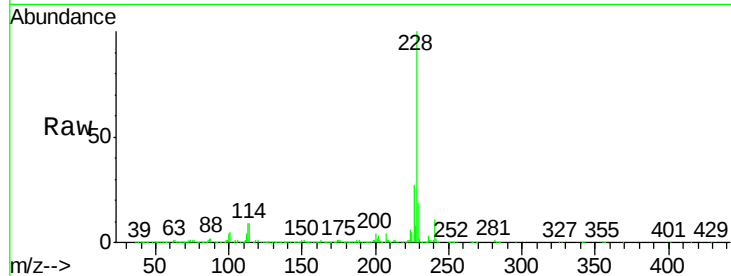
228 100

226 26.6 21.4 32.0

229 19.4 15.9 23.9

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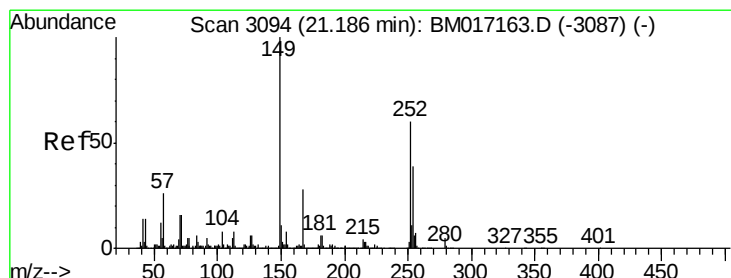
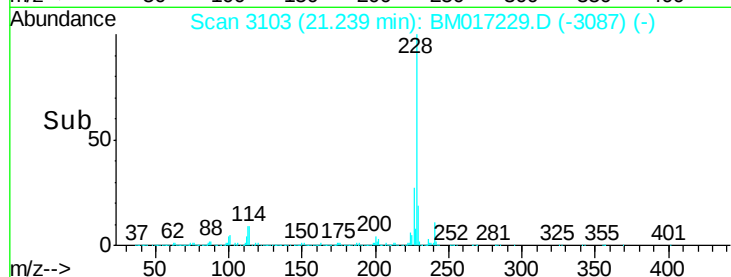
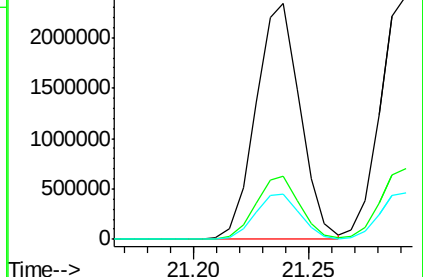
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.060 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

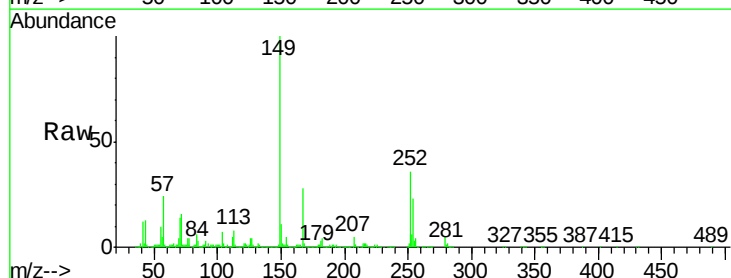
Tgt Ion:252 Resp: 718292

Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

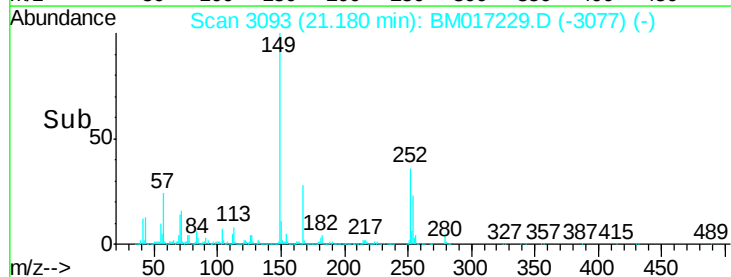
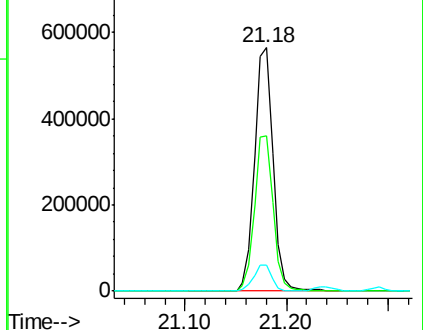
126 10.5 8.6 12.8

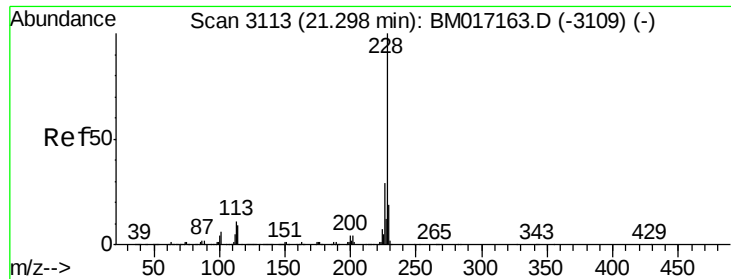


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





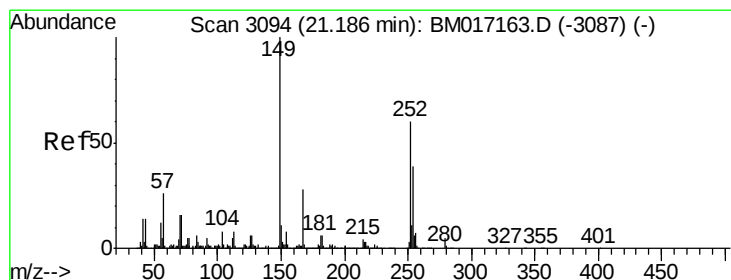
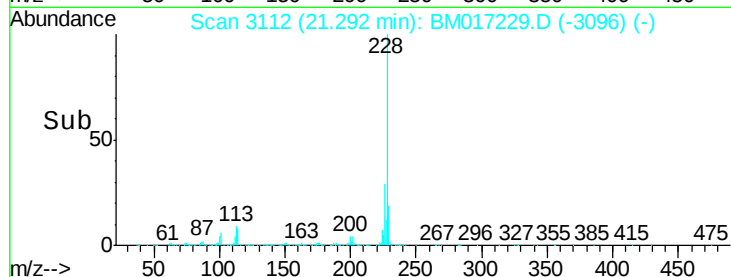
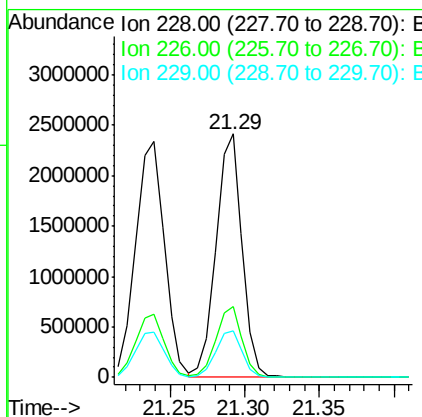
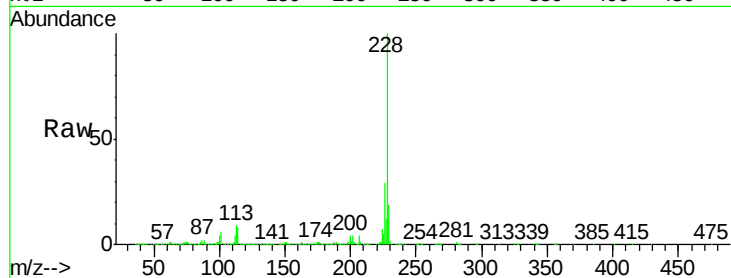
#83
 Chrysene
 Concen: 43.360 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :
 PB113600BS

Tgt Ion: 228 Resp: 2947725
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.3 34.9
 229 19.3 15.6 23.4

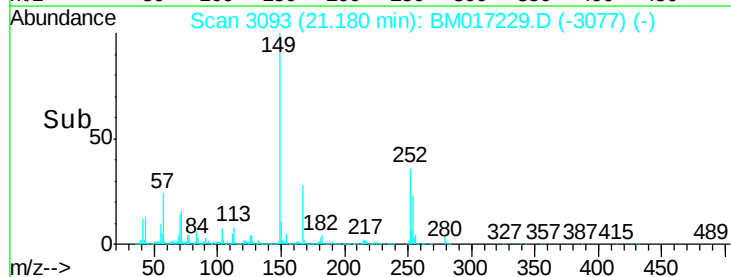
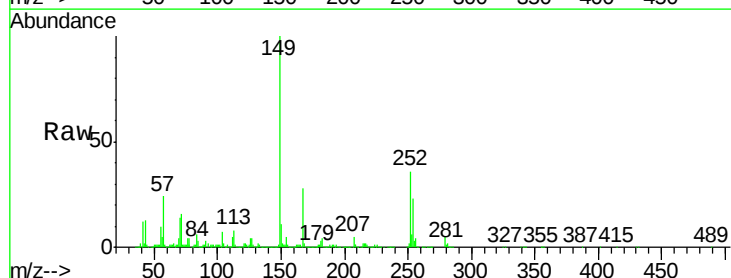
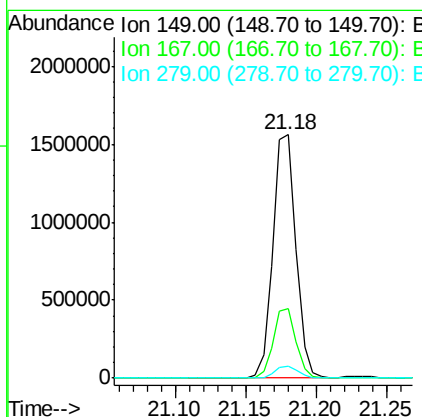
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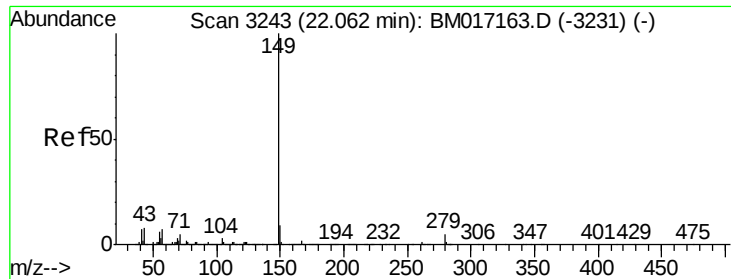
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.277 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion: 149 Resp: 1784744
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.4
 279 5.0 3.6 5.4





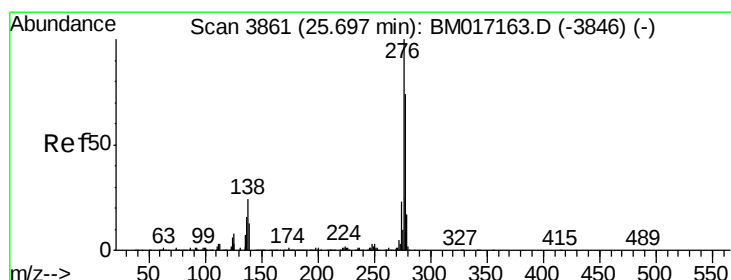
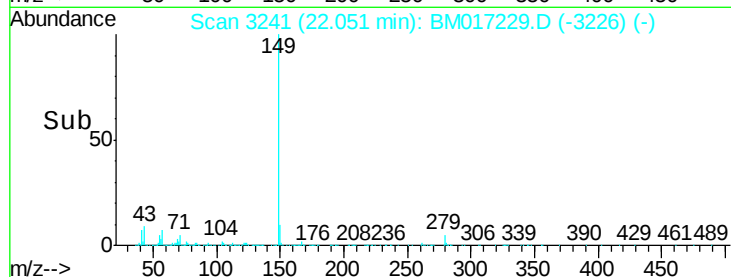
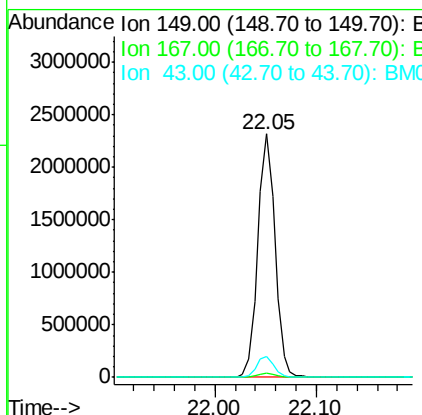
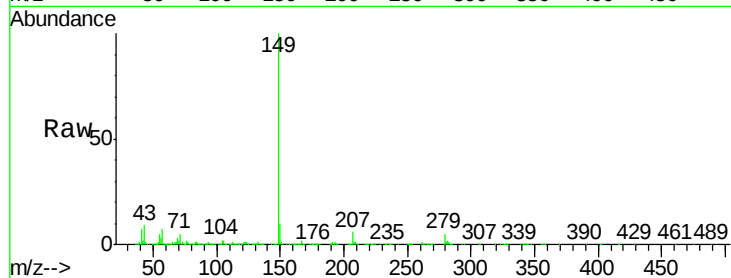
#85
Di-n-octyl phthalate
Concen: 41.636 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion:149 Resp: 2745143
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.7 7.2 10.8

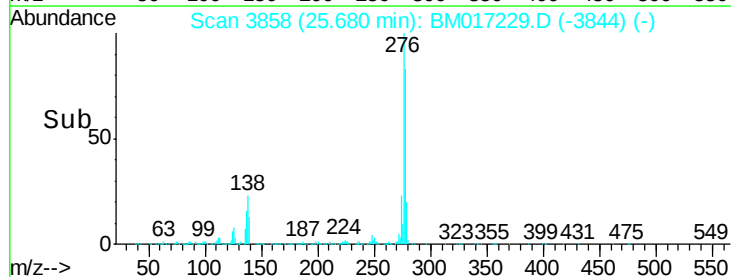
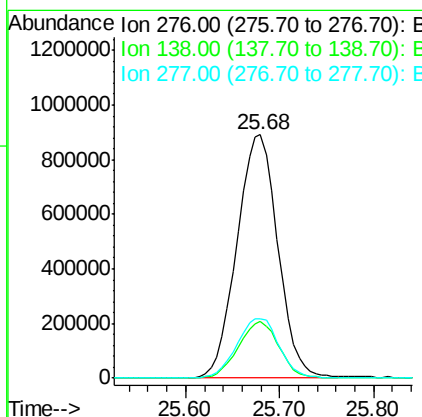
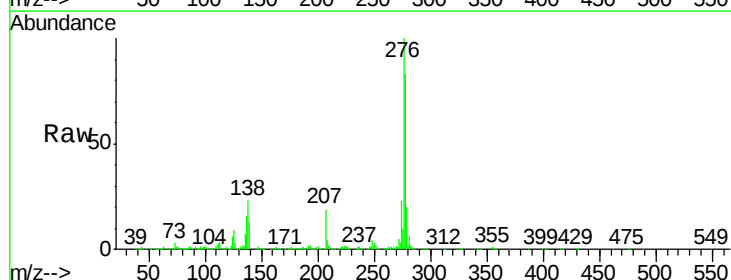
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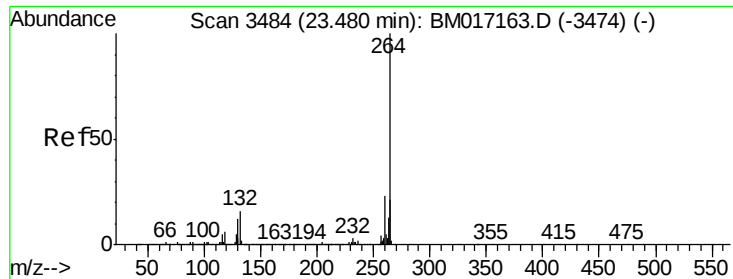
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.382 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:276 Resp: 2690360
Ion Ratio Lower Upper
276 100
138 23.0 19.5 29.3
277 25.2 20.1 30.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

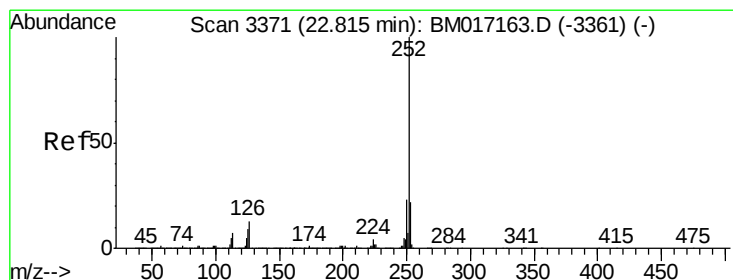
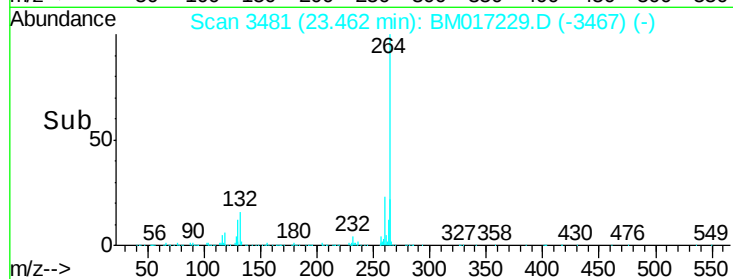
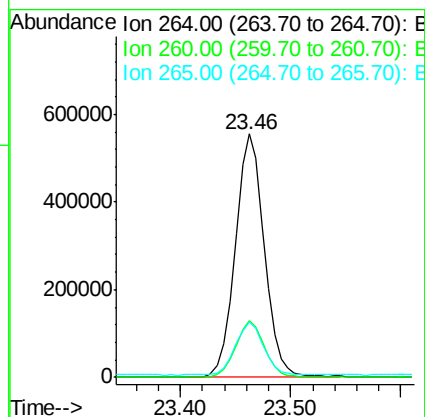
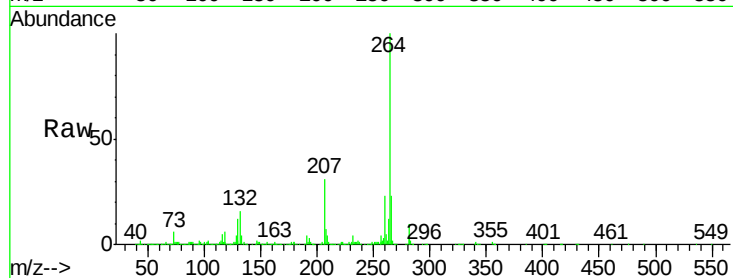
Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion: 264 Resp: 1024922

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.7	17.8	26.8

Manual Integrations
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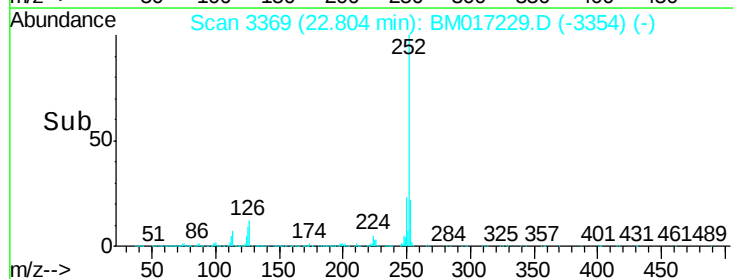
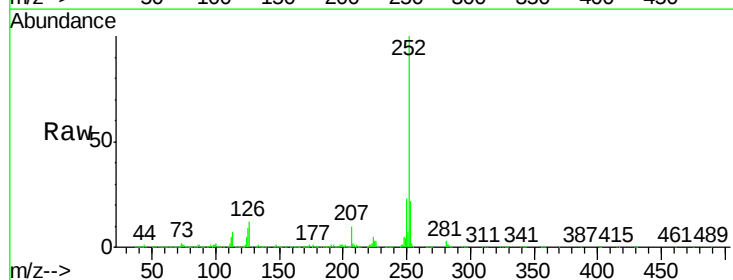
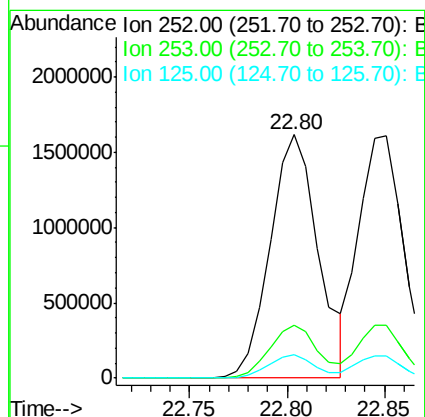
Sohil
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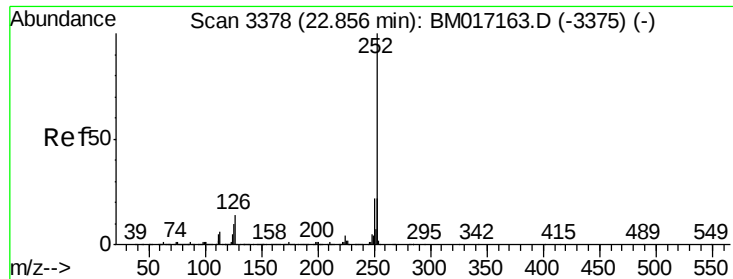


#88
Benzo(b)fluoranthene
Concen: 49.241 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion: 252 Resp: 2759299

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.4	7.5	11.3





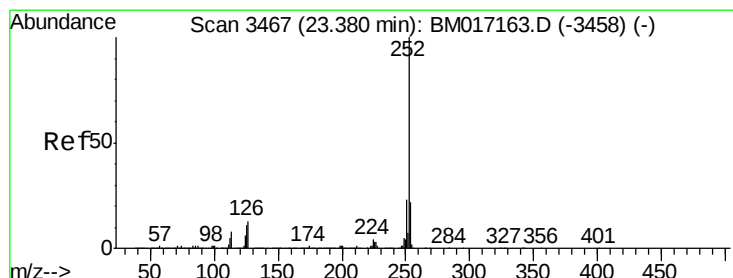
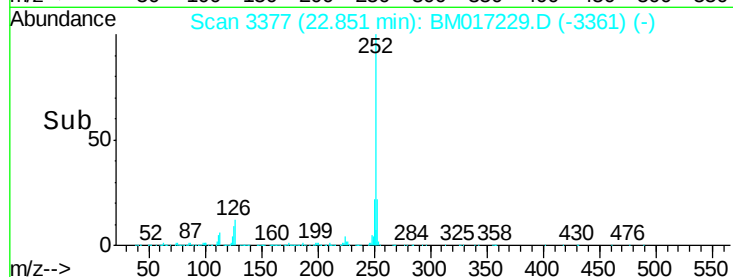
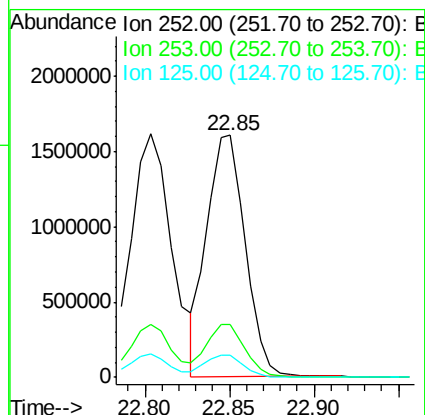
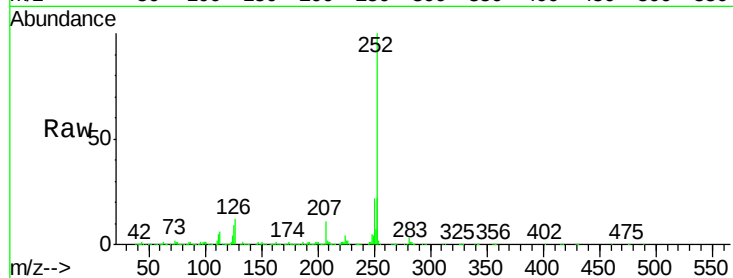
#89
Benzo(k)fluoranthene
Concen: 45.209 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.0	8.2	12.2

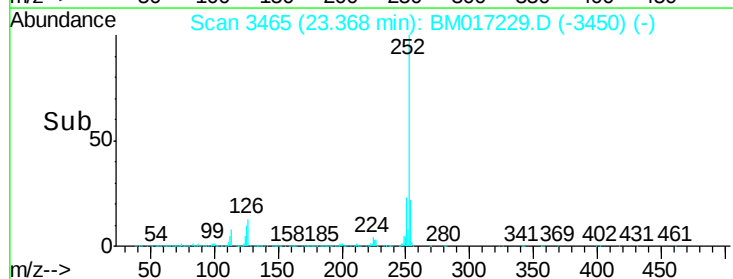
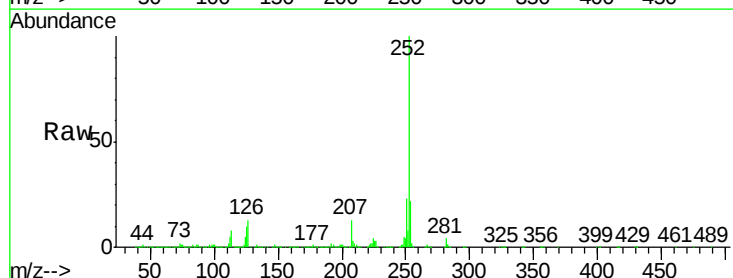
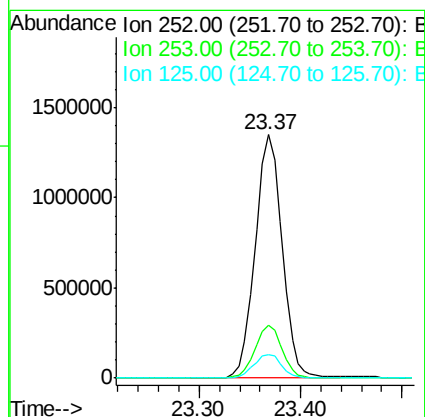
Manual Integrations
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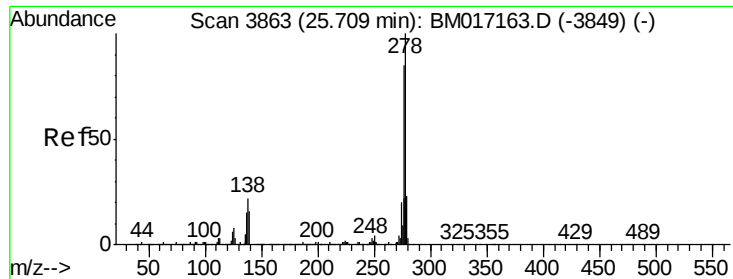
Sohil
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#90
Benzo(a)pyrene
Concen: 46.846 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	9.7	8.6	13.0





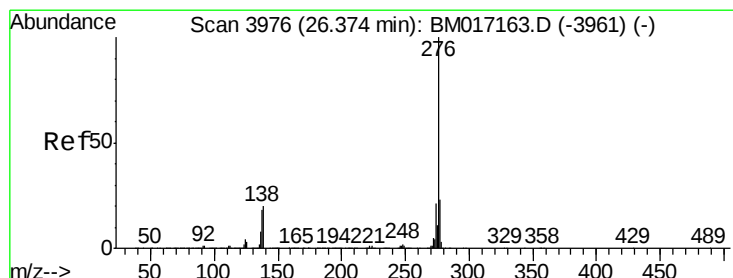
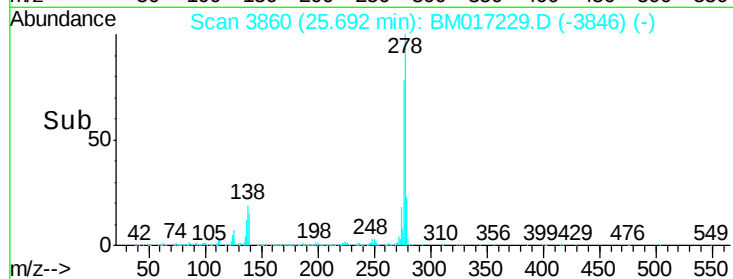
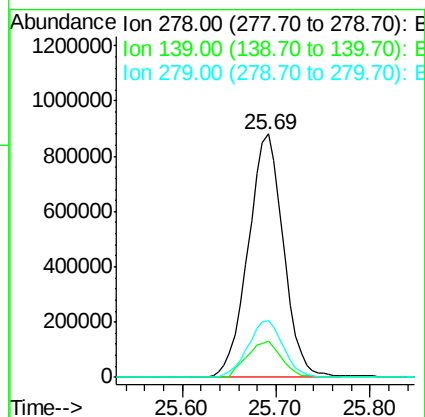
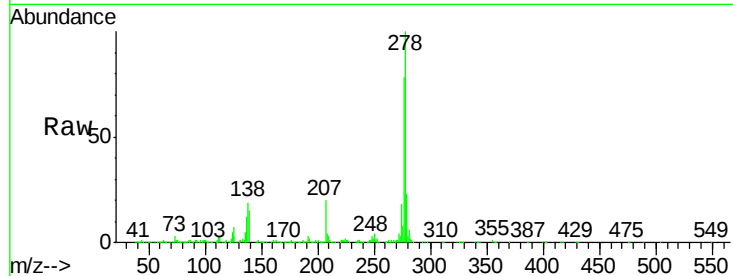
#91
Dibenzo(a,h)anthracene
Concen: 43.362 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	23.5	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:15 PM



#92
Benzo(g,h,i)perylene
Concen: 43.221 ng
RT: 26.35 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	19.6	16.4	24.6

