

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017291.D
 Acq On : 23 Oct 2018 19:02
 Operator : MJ/SJ
 Sample : J5604-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Manual Integrations
 APPROVED

Sohil
 10/24/2018 10:57:26 AM

Quant Time: Oct 24 07:33:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	283671	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1144287	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	692367	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1634111	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1692102	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1427914	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1826826	108.92	ng	0.00
7) Phenol-d6	6.85	99	2267161	99.25	ng	0.00
23) Nitrobenzene-d5	8.82	82	1628043	83.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1258393	134.40	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3938458	75.69	ng	-0.02
79) Terphenyl-d14	19.69	244	6531380	87.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	236942	27.666	ng	# 86
3) Pyridine	3.65	79	595974	30.243	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	330407	41.766	ng	# 74
6) Aniline	7.00	93	569979	19.949	ng	99
8) 2-Chlorophenol	7.23	128	912283	47.017	ng	98
9) Benzaldehyde	6.82	77	441898	30.340	ng	97
10) Phenol	6.88	94	975280	39.671	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	836252	42.671	ng	98
12) 1,3-Dichlorobenzene	7.55	146	941704	41.634	ng	97
13) 1,4-Dichlorobenzene	7.70	146	965394	41.775	ng	98
14) 1,2-Dichlorobenzene	8.00	146	933606	41.931	ng	99
15) Benzyl Alcohol	7.90	79	809958	48.510	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1127697	41.188	ng	98
17) 2-Methylphenol	8.11	107	753584	47.757	ng	99
18) Hexachloroethane	8.72	117	343045	43.377	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	690805	45.928	ng	98
20) 3+4-Methylphenols	8.43	107	1030449	47.745	ng	98
22) Acetophenone	8.48	105	1647009	56.781	ng	# 100
24) Nitrobenzene	8.86	77	996534	48.152	ng	95
25) Isophorone	9.38	82	1905336	58.974	ng	99
26) 2-Nitrophenol	9.56	139	509248	52.033	ng	98
27) 2,4-Dimethylphenol	9.63	122	901988	63.138	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	1176280	51.728	ng	100
29) 2,4-Dichlorophenol	10.09	162	911182	54.934	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	912300	45.849	ng	99
31) Naphthalene	10.49	128	2812608	50.156	ng	100
32) Benzoic acid	9.79	122	639961	60.038	ng	98
33) 4-Chloroaniline	10.60	127	180717	7.462	ng	98
34) Hexachlorobutadiene	10.76	225	550519	43.665	ng	98
35) Caprolactam	11.41	113	236385m	39.105	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1036480	55.436	ng	99
37) 2-Methylnaphthalene	12.10	142	2143278	55.853	ng	99
38) 1-Methylnaphthalene	12.33	142	2029909	54.351	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1092446	44.804	ng	99

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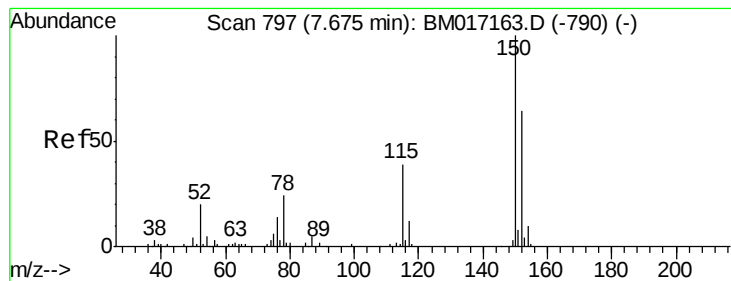
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1256176	106.569	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	775828	54.812	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	850294	56.021	ng	99
46) 1,1'-Biphenyl	13.13	154	2739831	43.974	ng	99
47) 2-Chloronaphthalene	13.17	162	2135664	46.593	ng	99
48) 2-Nitroaniline	13.39	65	678995	51.908	ng	95
49) Acenaphthylene	14.02	152	3543955	53.341	ng	100
50) Dimethylphthalate	13.77	163	2845384	53.268	ng	100
51) 2,6-Dinitrotoluene	13.89	165	632483	53.798	ng	99
52) Acenaphthene	14.37	154	2081721	49.902	ng	98
53) 3-Nitroaniline	14.22	138	243645	19.135	ng	99
54) 2,4-Dinitrophenol	14.43	184	565447	81.779	ng	98
55) Dibenzofuran	14.70	168	3373062	48.623	ng	100
56) 4-Nitrophenol	14.55	139	1403764	118.549	ng	96
57) 2,4-Dinitrotoluene	14.69	165	913810	57.830	ng	# 99
58) Fluorene	15.36	166	2759624	53.744	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	800483	57.858	ng	98
60) Diethylphthalate	15.15	149	2997537	56.585	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1394332	47.632	ng	97
62) 4-Nitroaniline	15.39	138	672765	47.409	ng	99
63) Azobenzene	15.65	77	2659932	51.660	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	470140	45.269	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2509291	50.755	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	917611	51.141	ng	96
68) Hexachlorobenzene	16.36	284	1000449	48.001	ng	98
69) Atrazine	16.54	200	956720	54.068	ng	98
70) Pentachlorophenol	16.71	266	1253735	87.812	ng	99
71) Phenanthrene	17.10	178	4506428	51.113	ng	100
72) Anthracene	17.19	178	4628441	55.250	ng	99
73) Carbazole	17.46	167	4227950	49.407	ng	100
74) Di-n-butylphthalate	18.03	149	5220662	57.842	ng	99
75) Fluoranthene	19.12	202	5315063	53.574	ng	98
77) Benzidine	19.32	184	1274119	29.696	ng	98
78) Pyrene	19.48	202	5403991	57.141	ng	100
80) Butylbenzylphthalate	20.39	149	2402025	63.943	ng	94
81) Benzo(a)anthracene	21.23	228	5165407	54.246	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1012764	28.537	ng	98
83) Chrysene	21.29	228	4807257	51.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3436768	60.823	ng	99
85) Di-n-octyl phthalate	22.04	149	5585627	58.501	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4327758	41.054	ng	100
88) Benzo(b)fluoranthene	22.80	252	4524061	57.949	ng	99
89) Benzo(k)fluoranthene	22.84	252	4308682	55.002	ng	99
90) Benzo(a)pyrene	23.37	252	4079236	55.032	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3665506	49.801	ng	99
92) Benzo(g,h,i)perylene	26.35	276	3623181	49.667	ng	99

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



#1

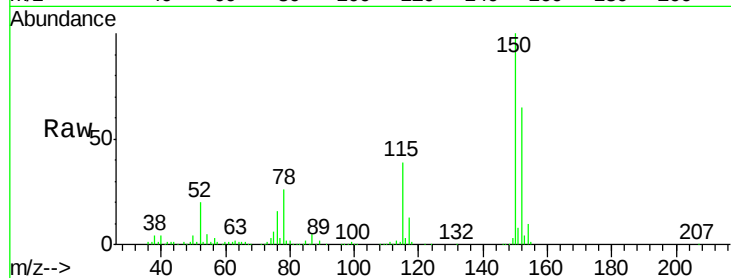
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.3	186.5
115	59.8	48.1	72.1

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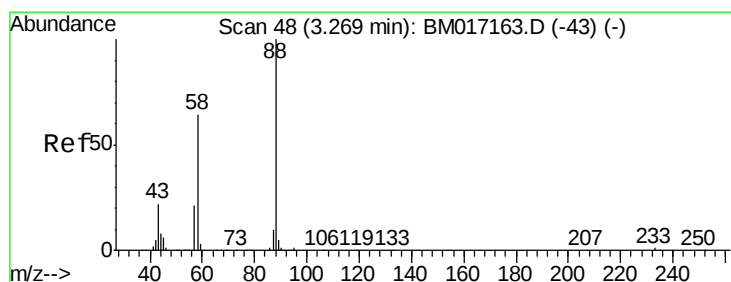
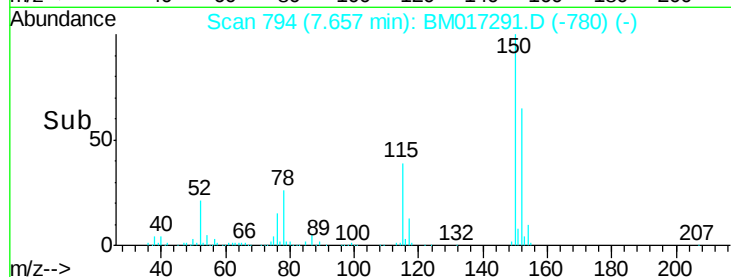
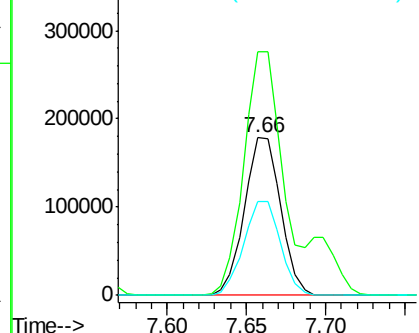


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

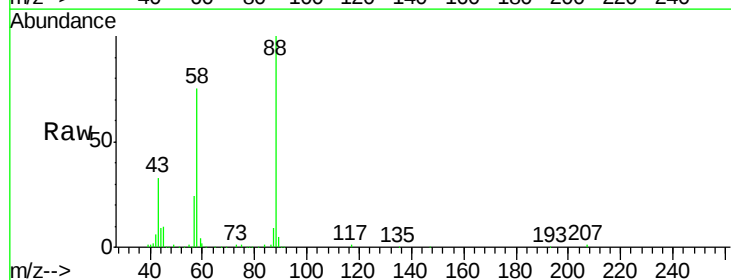
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.666 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	50.2	75.4
43	30.0	19.3	28.9

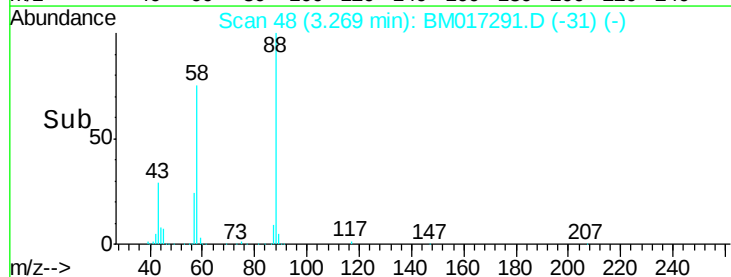
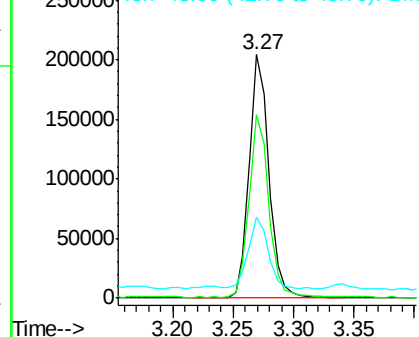


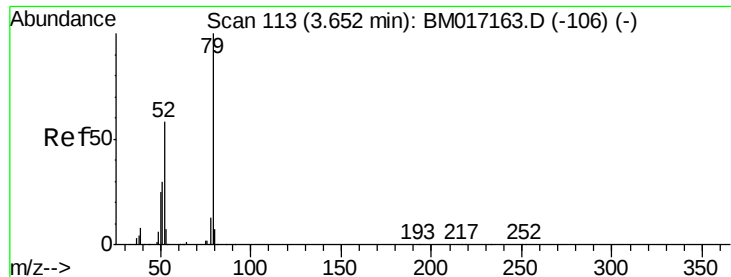
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 30.243 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

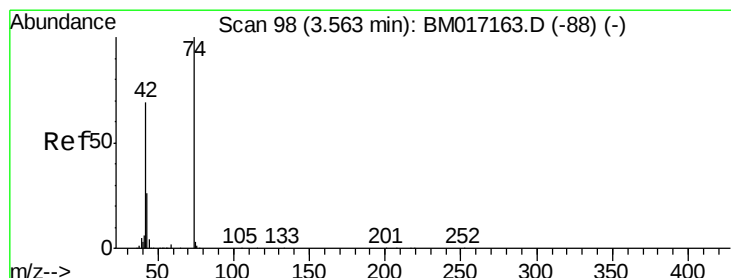
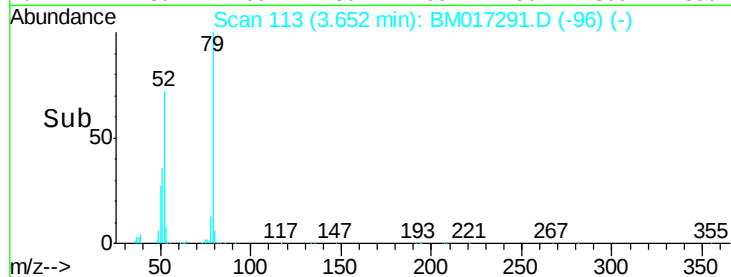
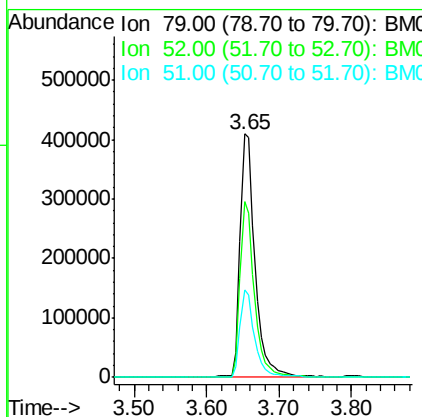
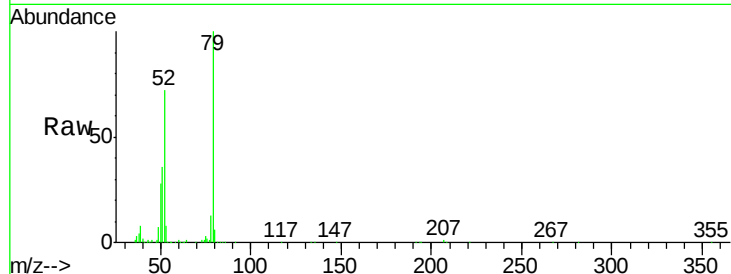
ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:	79	Resp:	595974
Ion Ratio	Lower	Upper	
79	100		
52	72.3	46.5	69.7#
51	35.8	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 41.766 ng

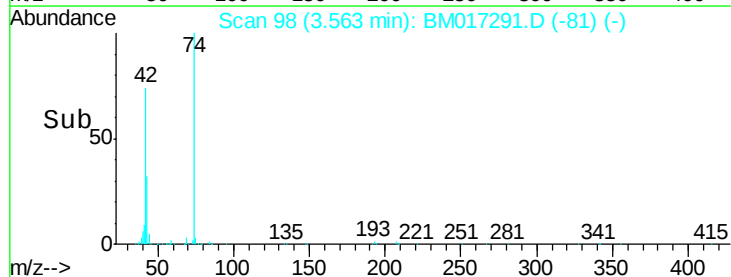
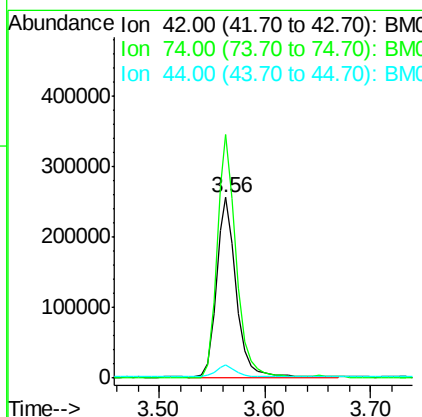
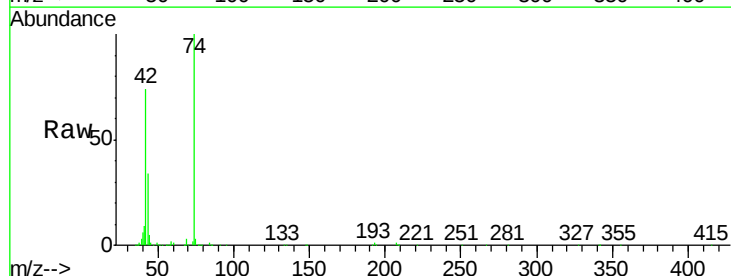
RT: 3.56 min Scan# 98

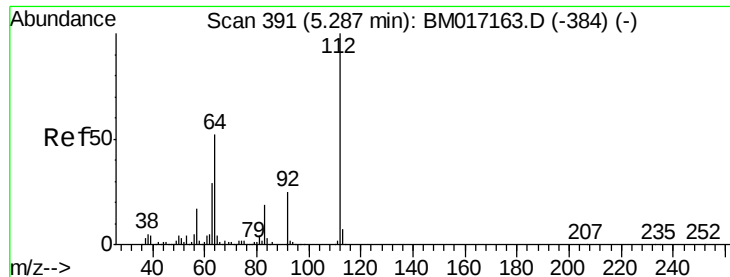
Delta R.T. 0.00 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:	42	Resp:	330407
Ion Ratio	Lower	Upper	
42	100		
74	134.8	114.4	171.6
44	7.3	48.6	73.0#





#5

2-Fluorophenol

Concen: 108.921 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion: 112 Resp: 1826826

Ion Ratio Lower Upper

112 100

64 59.0 41.7 62.5

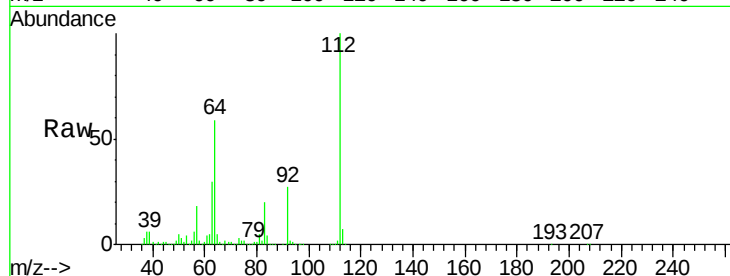
63 30.3 23.0 34.4

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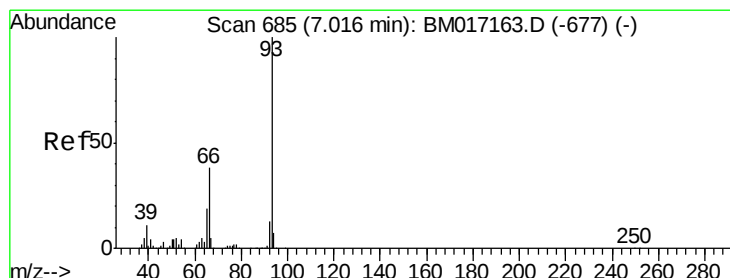
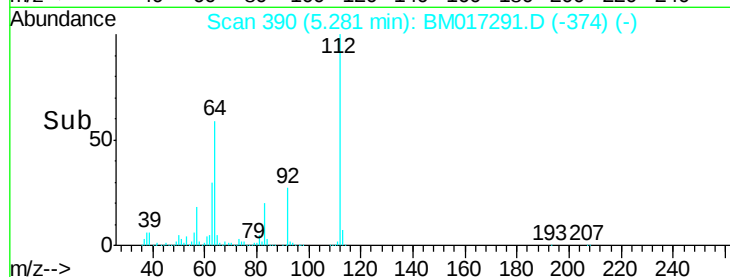
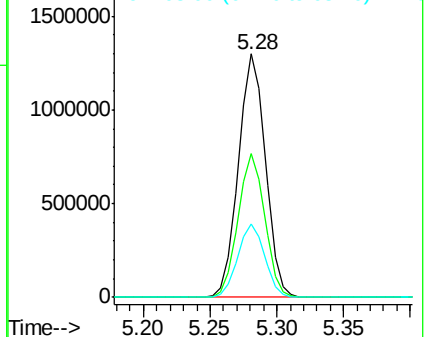
10/24/2018 10:57:26 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 19.949 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

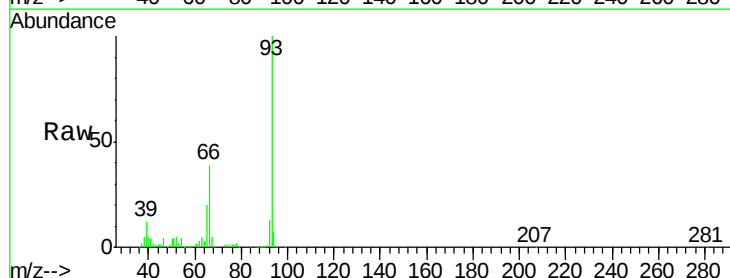
Tgt Ion: 93 Resp: 569979

Ion Ratio Lower Upper

93 100

66 38.7 30.4 45.6

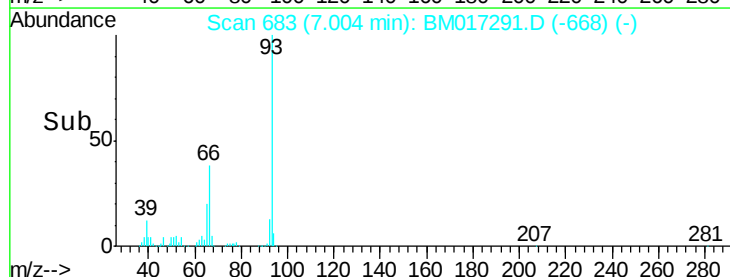
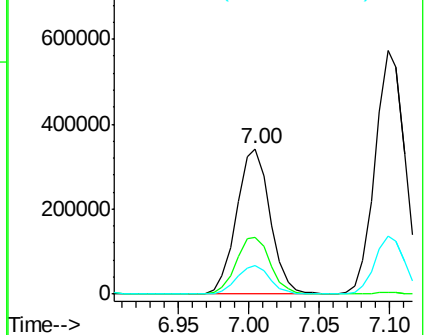
65 19.8 15.3 22.9

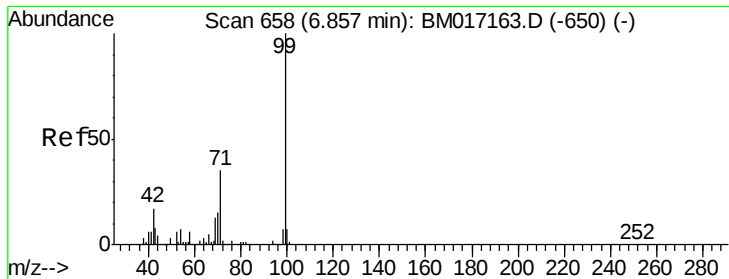


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 99.252 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 2267161

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

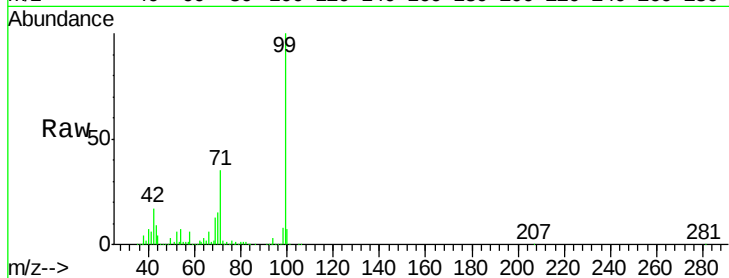
71 35.4 28.0 42.0

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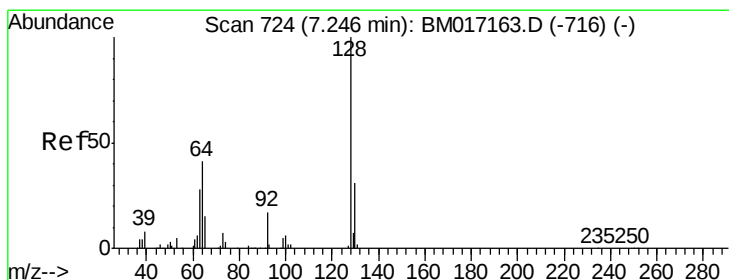
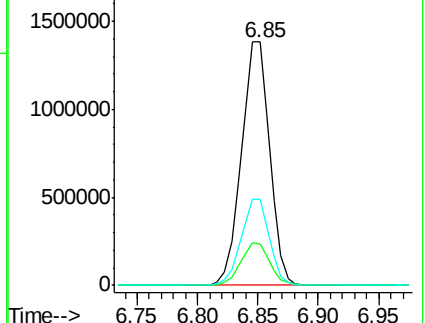
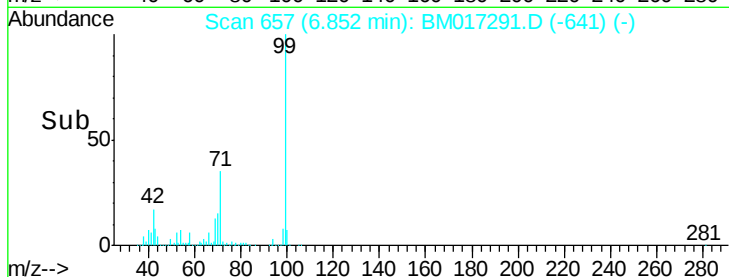
10/24/2018 10:57:26 AM



Abundance Ion 99.00 (98.70 to 99.70): BM017291.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017291.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017291.D (-641) (-)



#8

2-Chlorophenol

Concen: 47.017 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

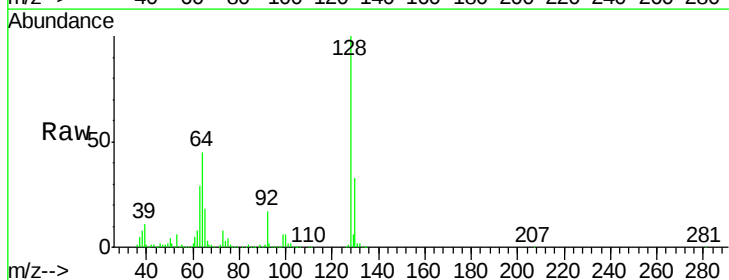
Tgt Ion: 128 Resp: 912283

Ion Ratio Lower Upper

128 100

130 32.7 11.0 51.0

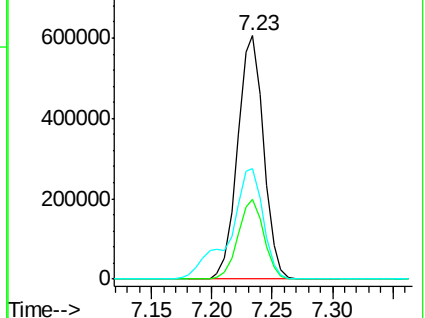
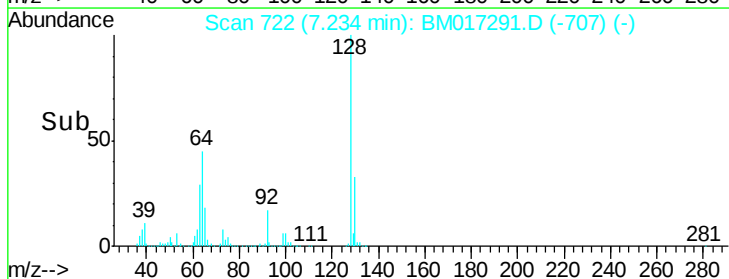
64 45.4 24.1 64.1

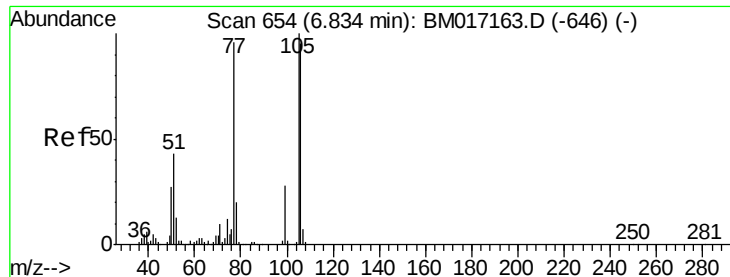


Abundance Ion 128.00 (127.70 to 128.70): BM017291.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017291.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017291.D (-707) (-)





#9

Benzaldehyde

Concen: 30.340 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

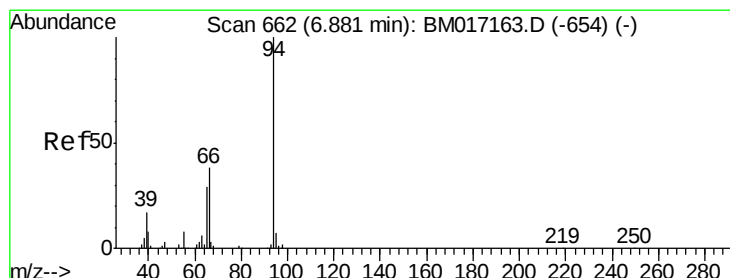
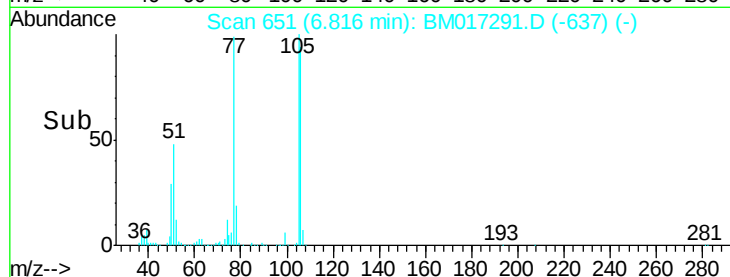
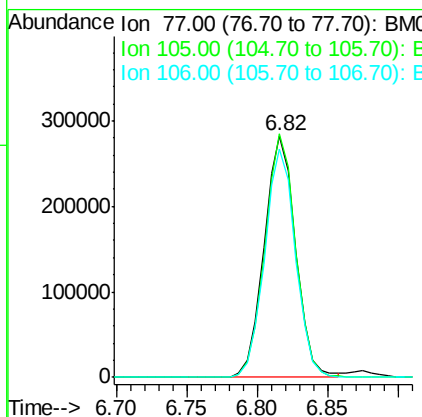
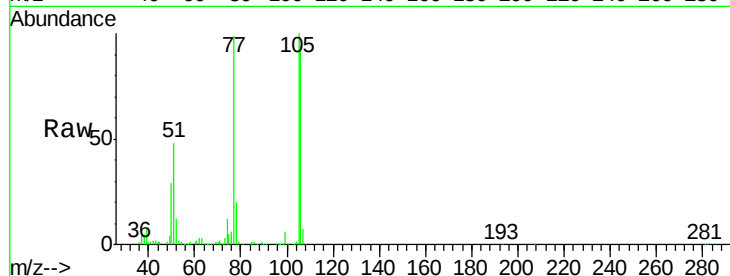
ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.0	83.9	123.9
106	94.7	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 39.671 ng

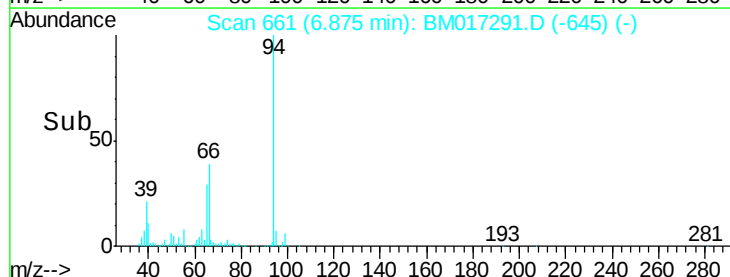
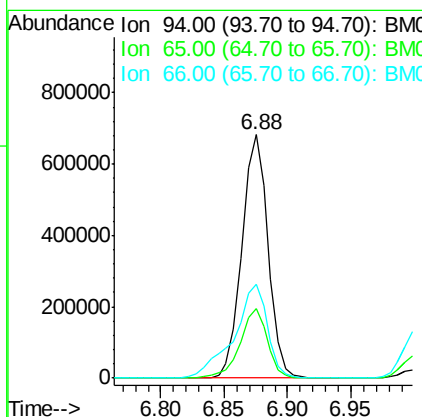
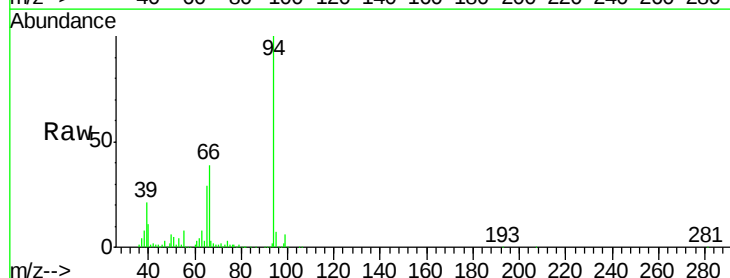
RT: 6.88 min Scan# 661

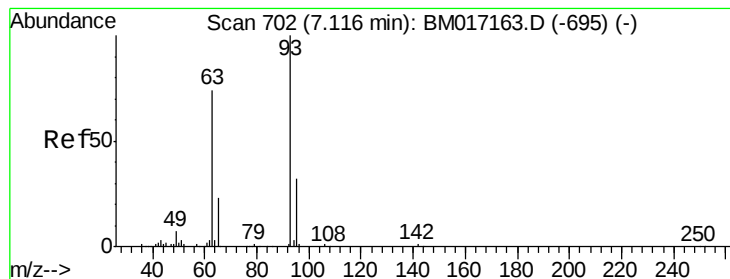
Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.4	49.4
66	38.7	19.0	59.0





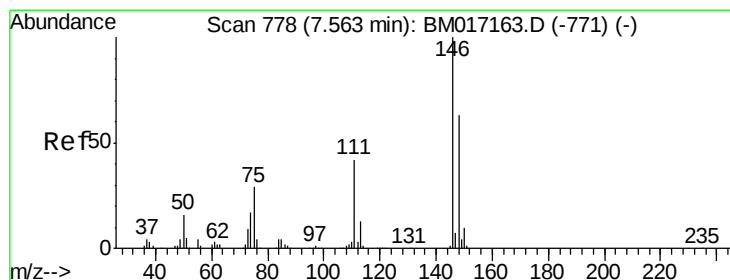
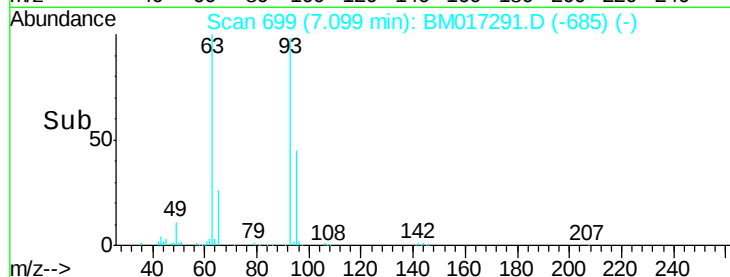
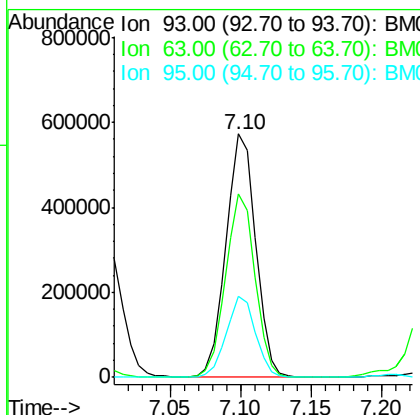
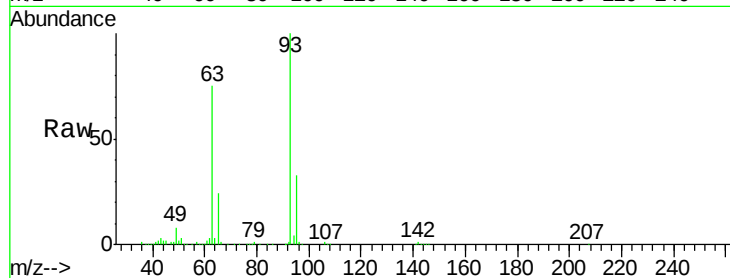
#11
bis(2-Chloroethyl)ether
Concen: 42.671 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	836252		
63	75.2		54.0	94.0
95	33.1		11.8	51.8

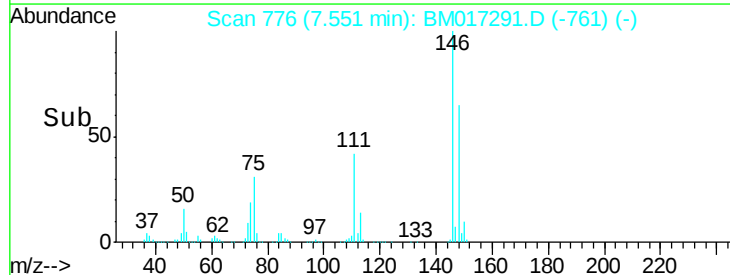
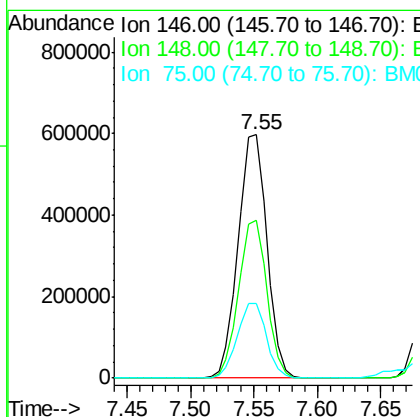
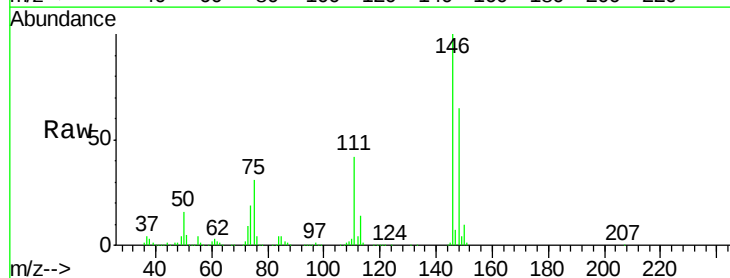
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#12
1,3-Dichlorobenzene
Concen: 41.634 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	941704		
148	64.8		50.2	75.4
75	30.5		23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 41.775 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

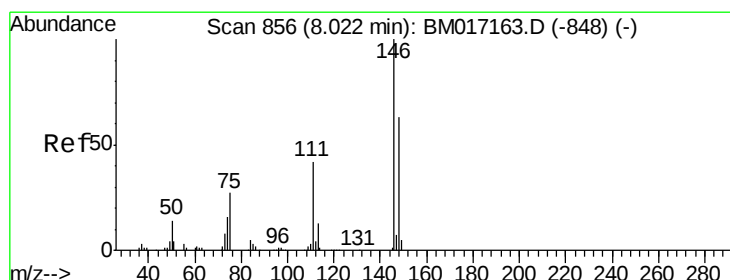
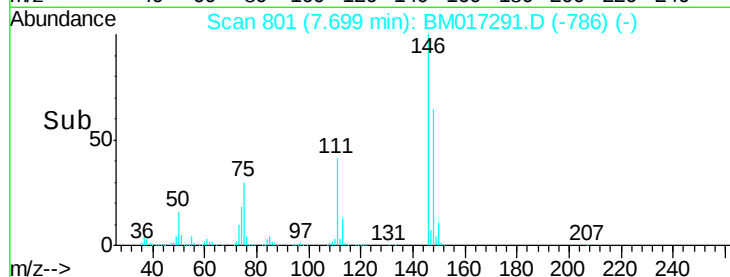
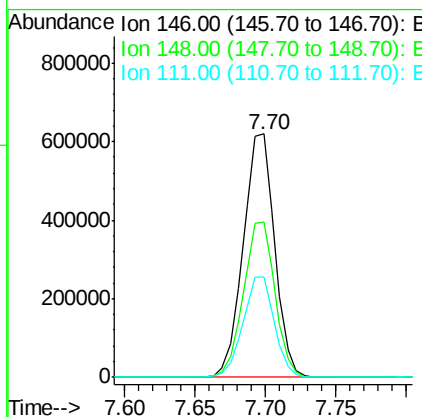
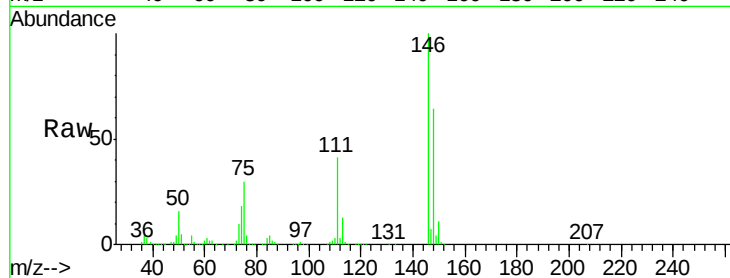
ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:	146	Resp:	965394
Ion Ratio	Lower	Upper	
146	100		
148	63.6	49.8	74.6
111	41.0	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 41.931 ng

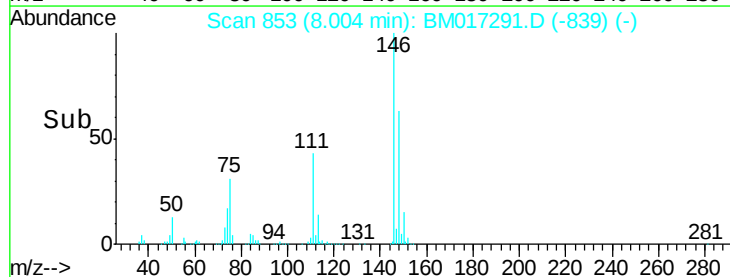
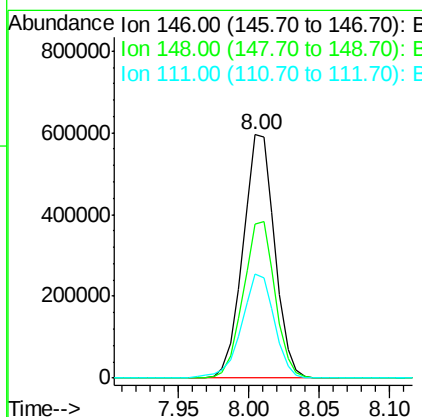
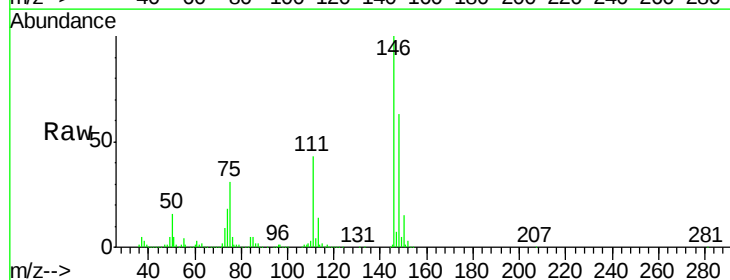
RT: 8.00 min Scan# 853

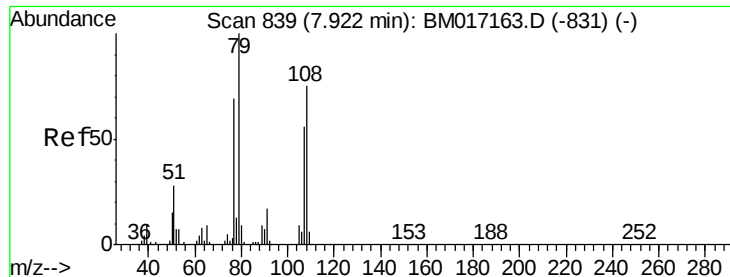
Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:	146	Resp:	933606
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	42.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.510 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

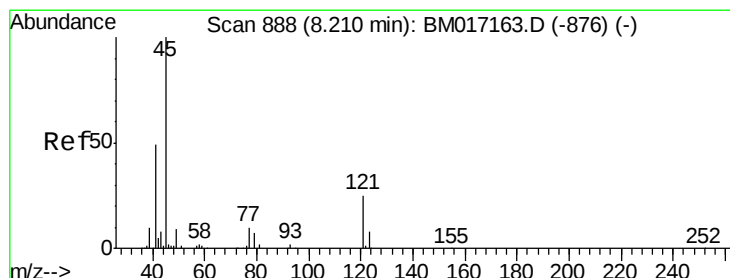
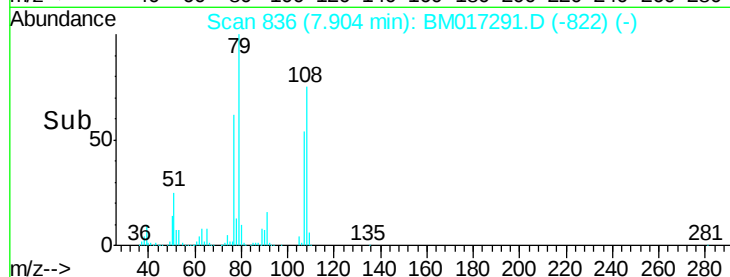
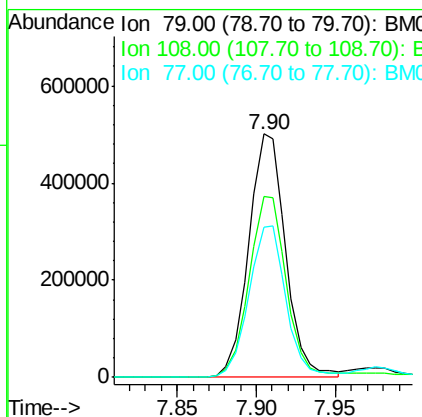
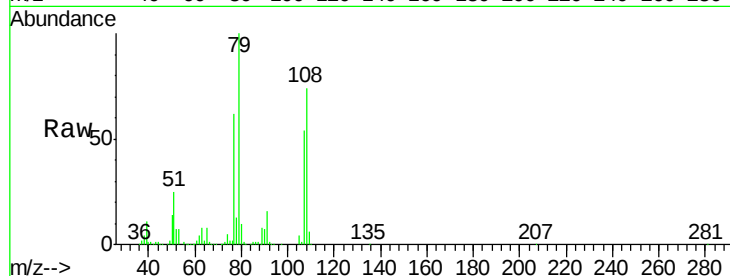
ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:	79	Resp:	809958
Ion	Ratio	Lower	Upper
79	100		
108	74.5	60.3	90.5
77	61.7	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.188 ng

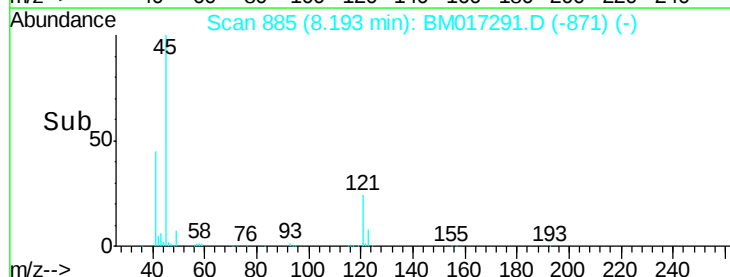
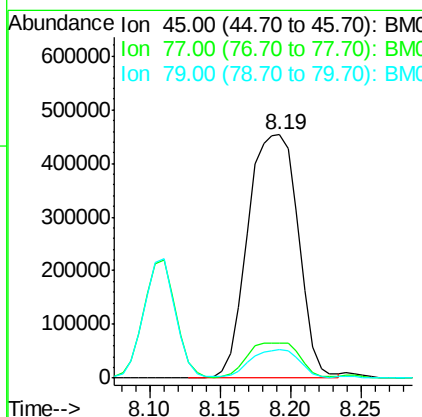
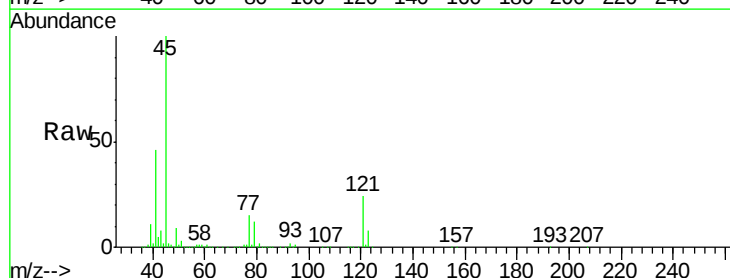
RT: 8.19 min Scan# 885

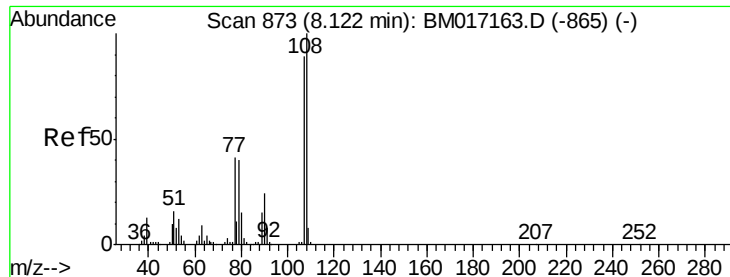
Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:	45	Resp:	1127697
Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	35.5
79	11.6	0.0	32.1





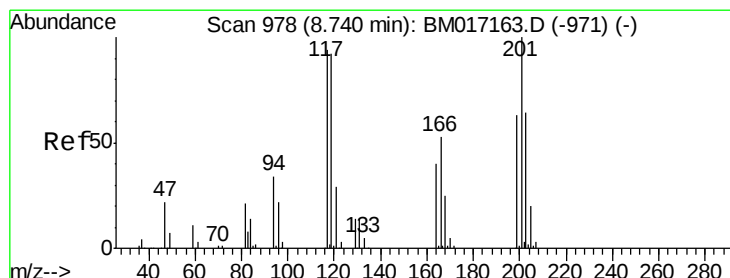
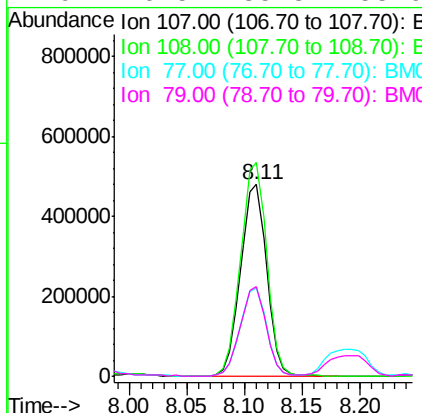
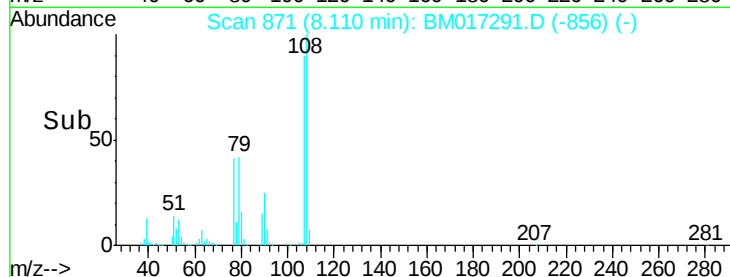
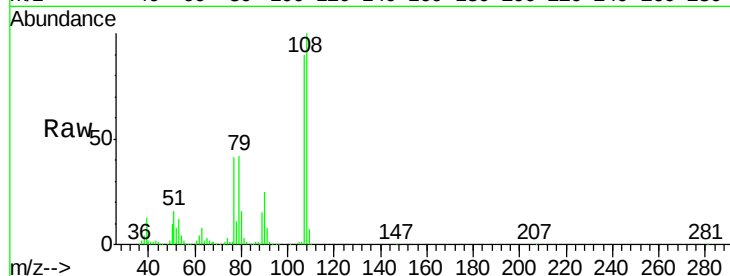
#17
2-Methylphenol
Concen: 47.757 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.6	90.3	135.5		
77	46.1	37.0	55.4		
79	46.5	35.8	53.6		

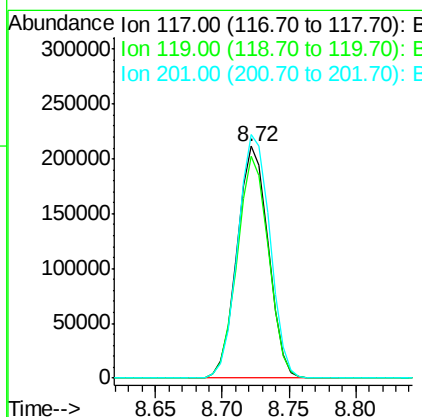
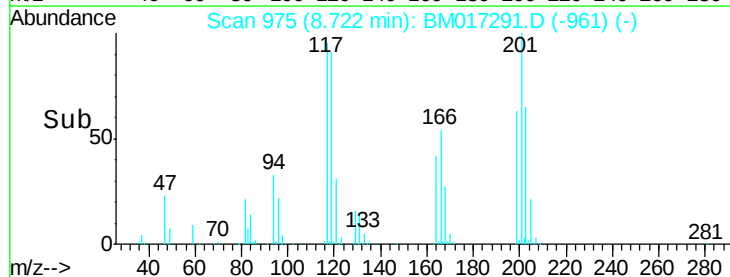
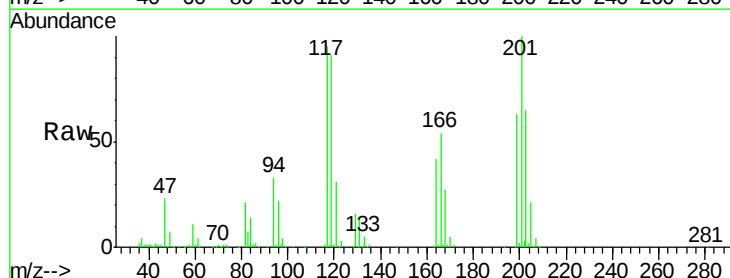
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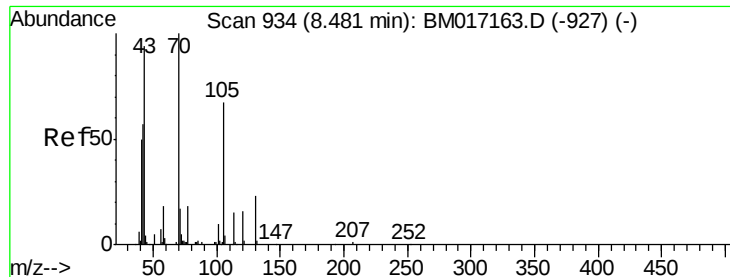
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#18
Hexachloroethane
Concen: 43.377 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.9	78.2	117.2		
201	105.1	85.3	127.9		





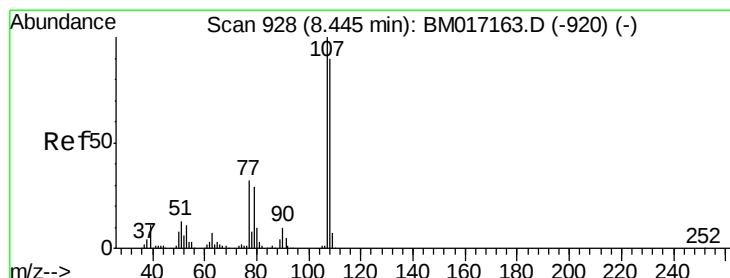
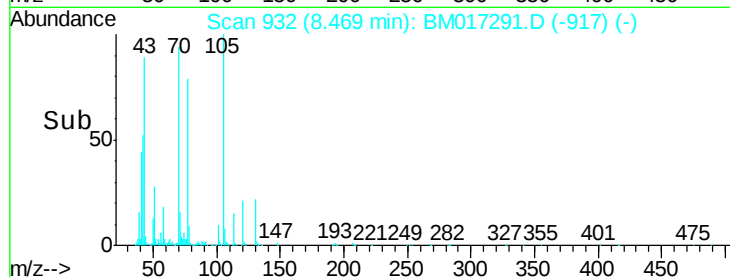
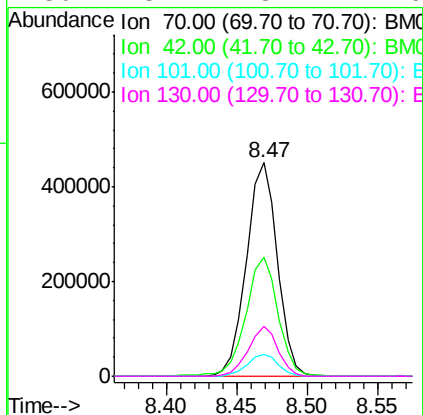
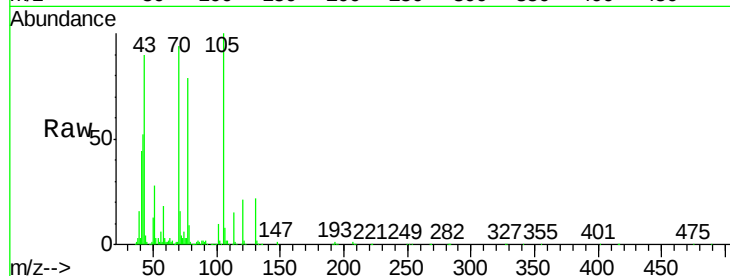
#19
n-Nitroso-di-n-propylamine
Concen: 45.928 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.1	69.1
101	10.5	8.2	12.4
130	23.1	18.4	27.6

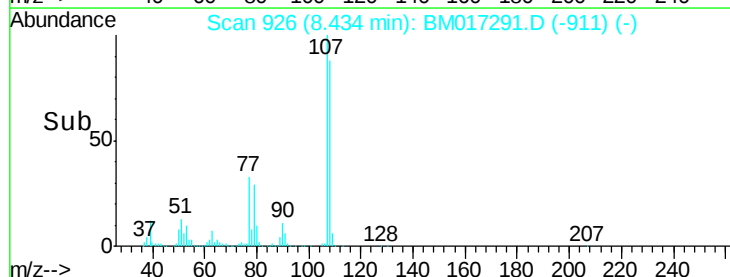
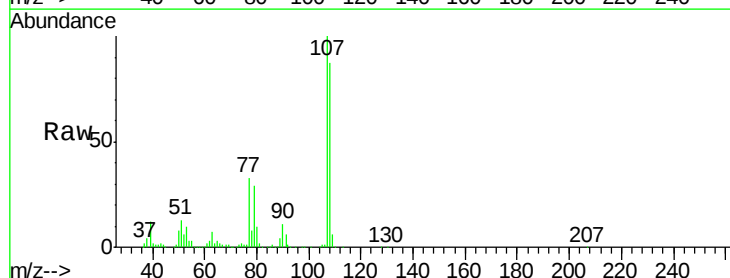
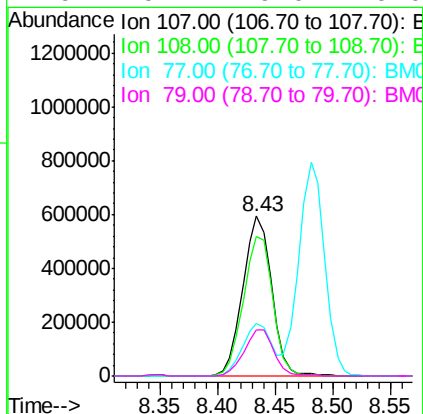
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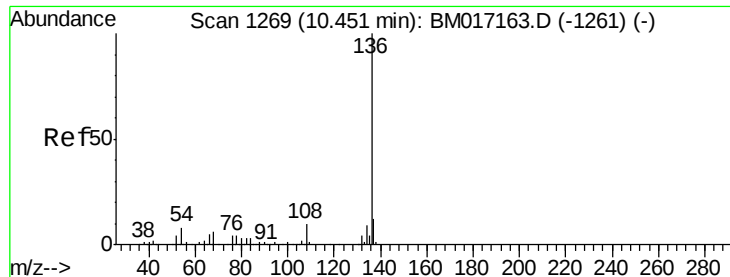
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#20
3+4-Methylphenols
Concen: 47.745 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	69.9	109.9
77	33.0	12.2	52.2
79	29.1	9.0	49.0





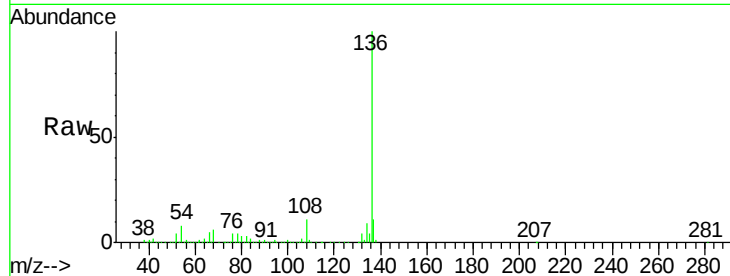
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.7	10.1
68	5.8	4.7	7.1

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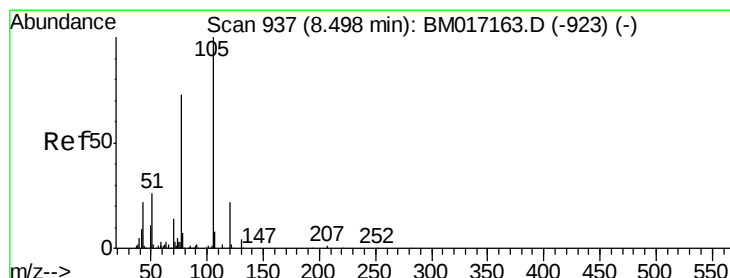
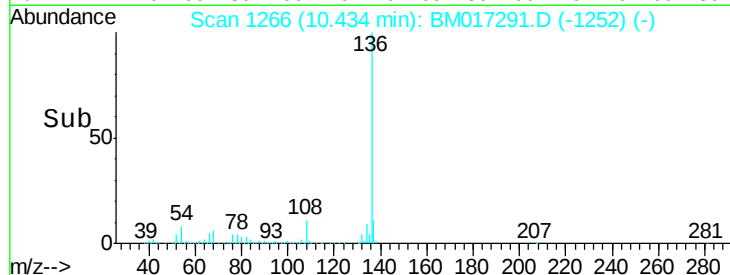
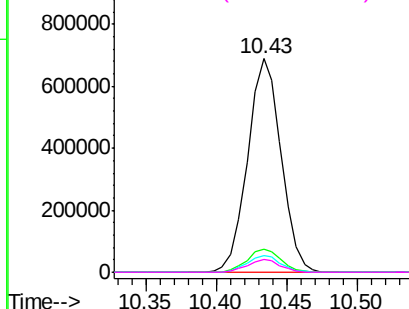
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 56.781 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.0	3.0#
51	25.9	20.6	31.0
120	22.1	17.5	26.3

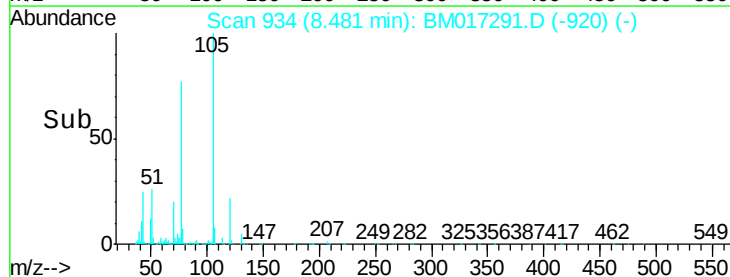
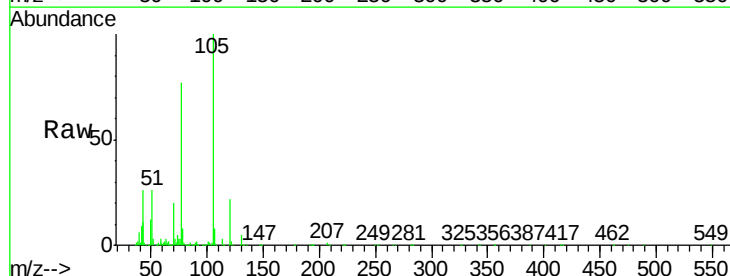
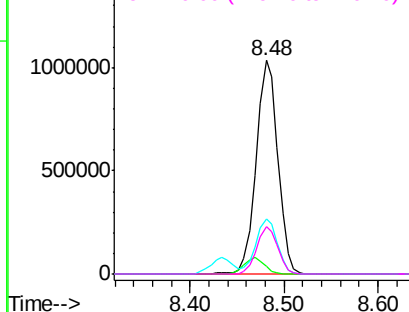
Abundance

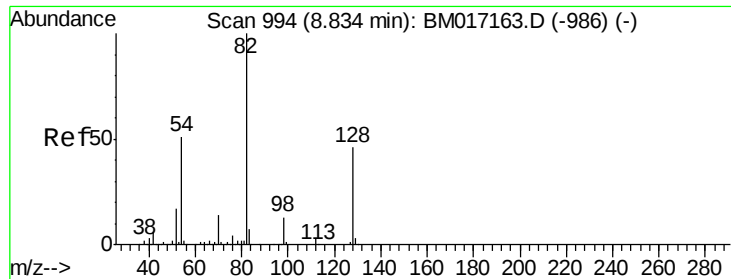
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





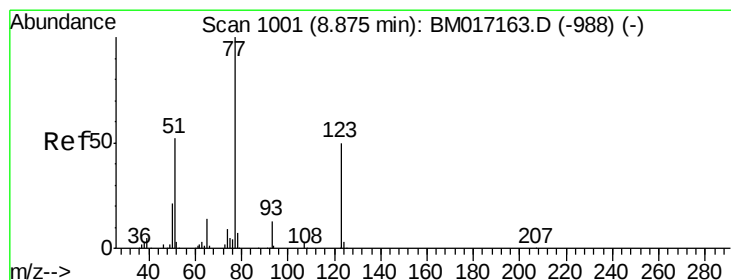
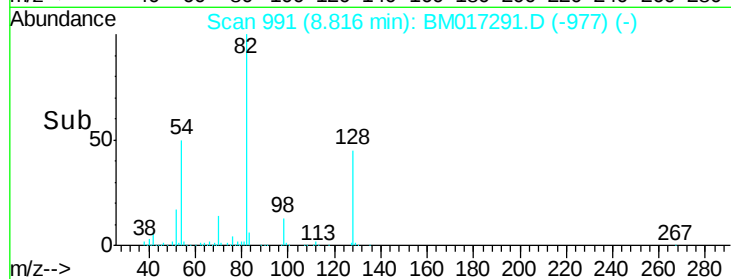
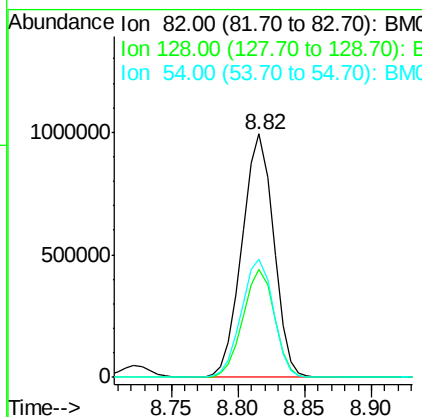
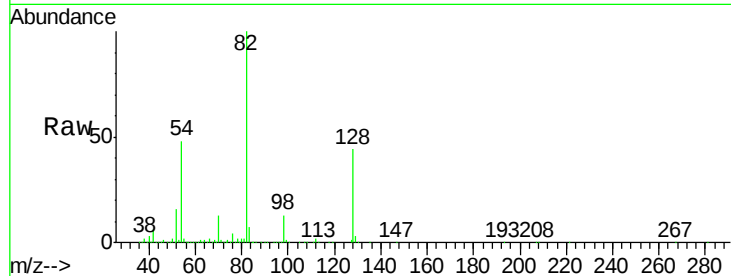
#23
 Nitrobenzene-d5
 Concen: 83.211 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.6
54	48.5	40.7	61.1

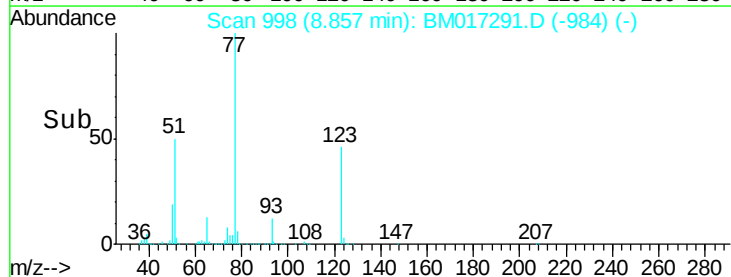
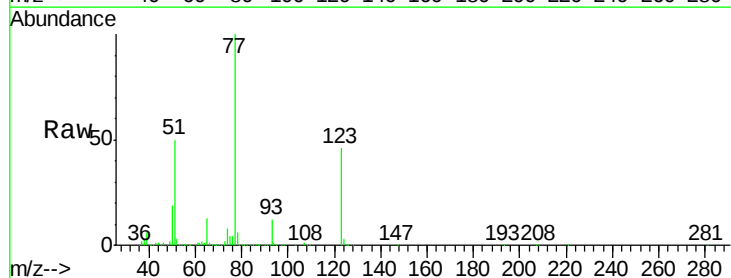
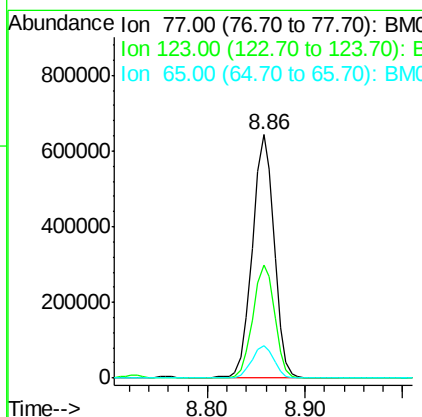
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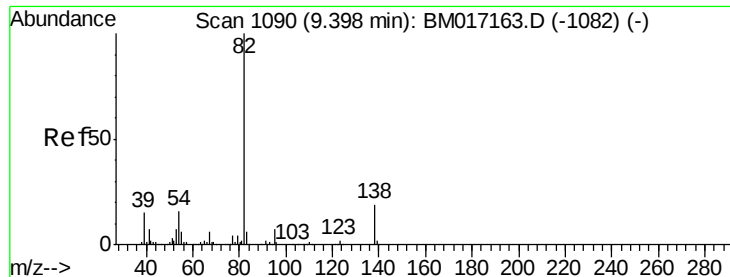
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#24
 Nitrobenzene
 Concen: 48.152 ng
 RT: 8.86 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	40.2	60.4
65	13.5	11.4	17.0





#25

Isophorone

Concen: 58.974 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion: 82 Resp: 1905336

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

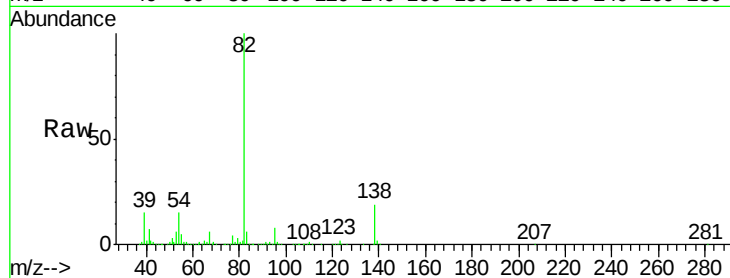
138 18.6 15.4 23.2

Manual Integrations

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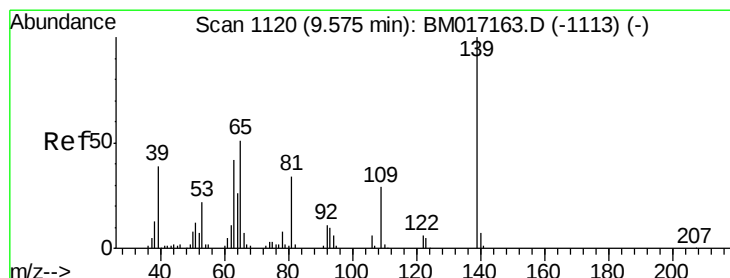
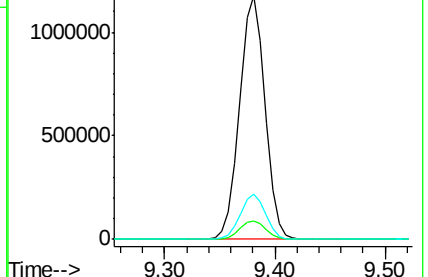
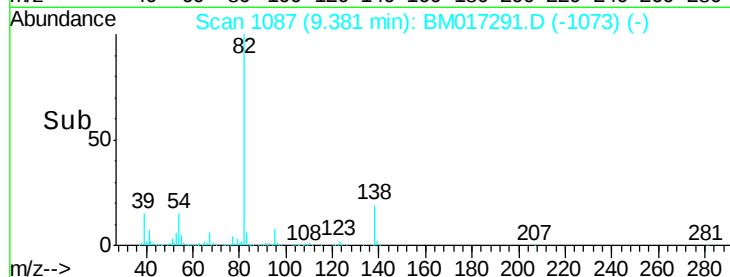
10/24/2018 10:57:26 AM



Abundance Ion 82.00 (81.70 to 82.70): BM017291.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BM017291.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BM017291.D (-1073) (-)



#26

2-Nitrophenol

Concen: 52.033 ng

RT: 9.56 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

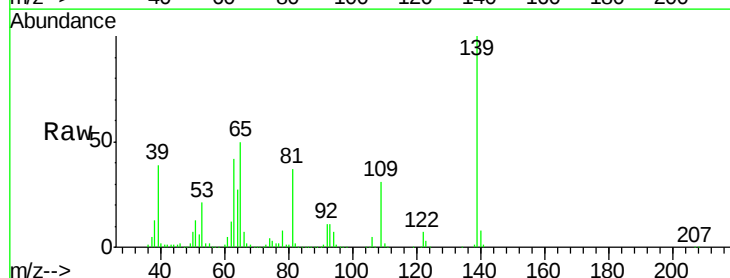
Tgt Ion: 139 Resp: 509248

Ion Ratio Lower Upper

139 100

109 31.1 23.2 34.8

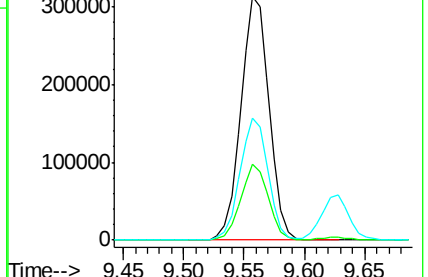
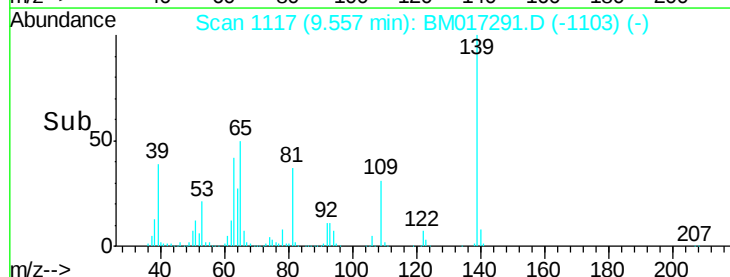
65 50.3 40.6 61.0

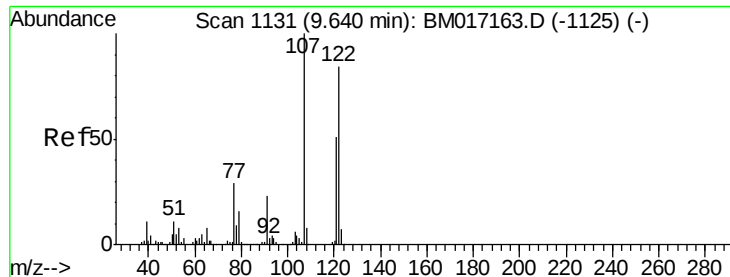


Abundance Ion 139.00 (138.70 to 139.70): BM017291.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM017291.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM017291.D (-1103) (-)





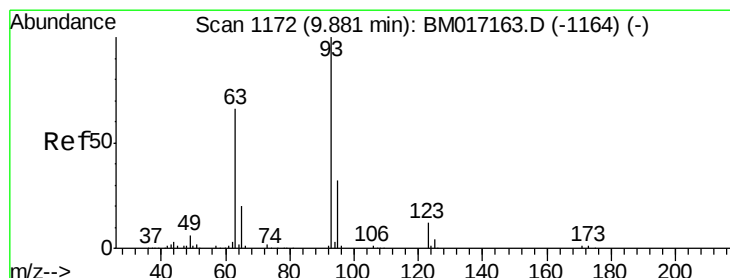
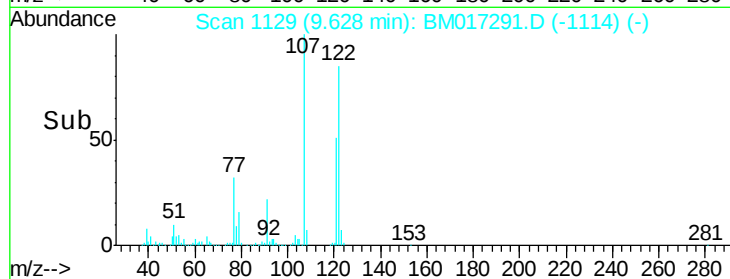
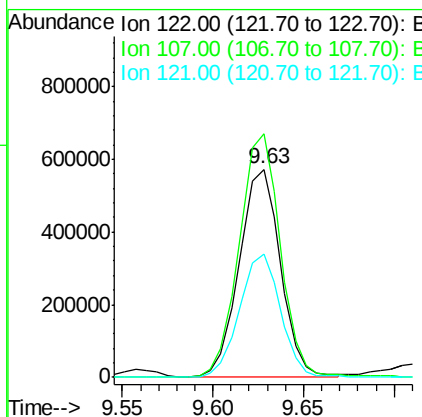
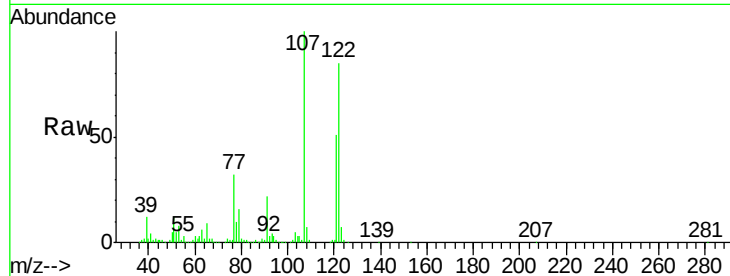
#27
 2,4-Dimethylphenol
 Concen: 63.138 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	901988		
107	117.2	95.0	142.6	
121	59.3	48.2	72.4	

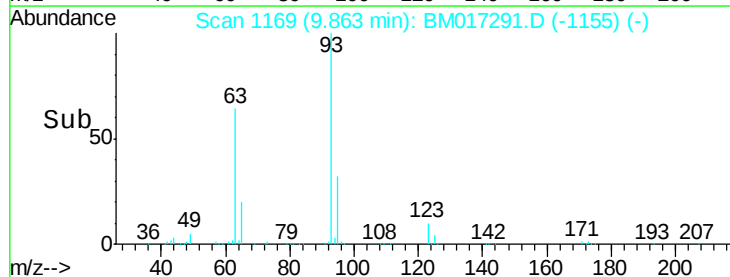
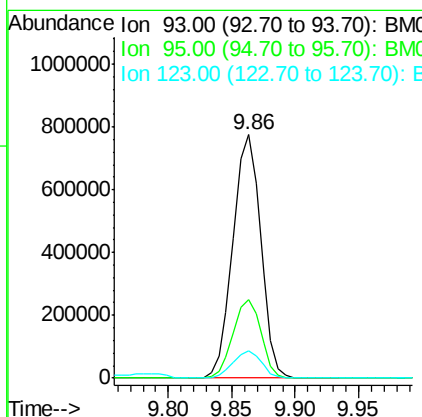
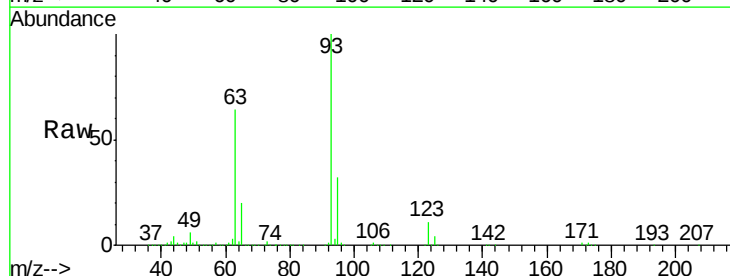
Manual Integrations
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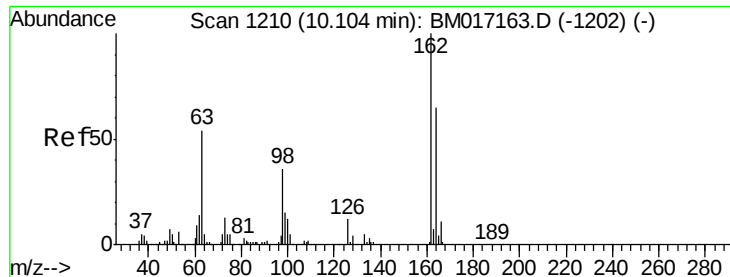
Sohil
 10/24/2018 10:57:26 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.728 ng
 RT: 9.86 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1176280		
95	32.1	25.7	38.5	
123	11.4	9.4	14.0	





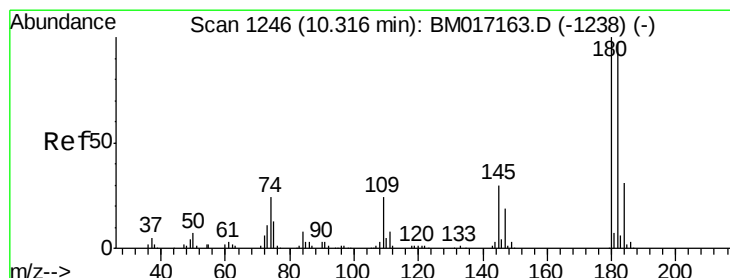
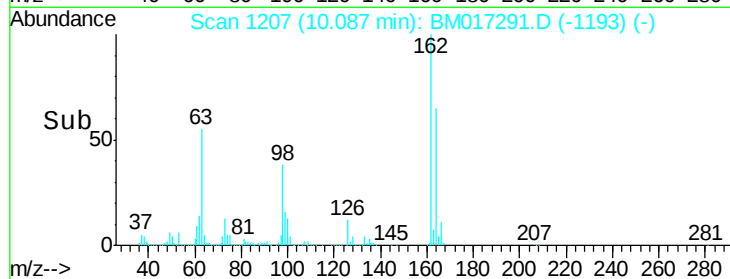
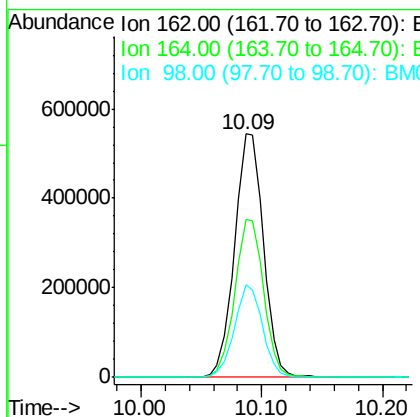
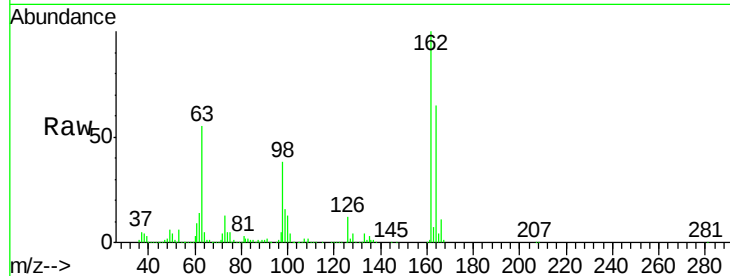
#29
2,4-Dichlorophenol
Concen: 54.934 ng
RT: 10.09 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	44.9	84.9
98	38.1	15.8	55.8

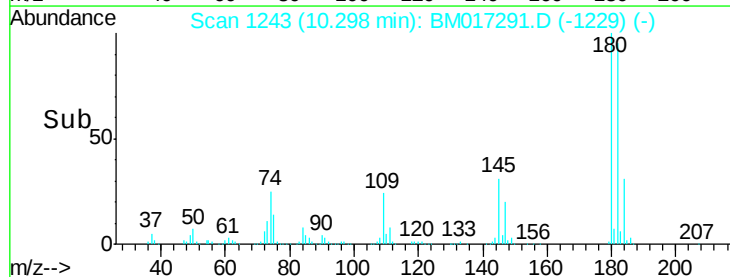
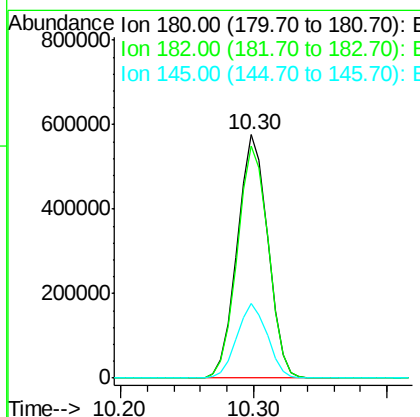
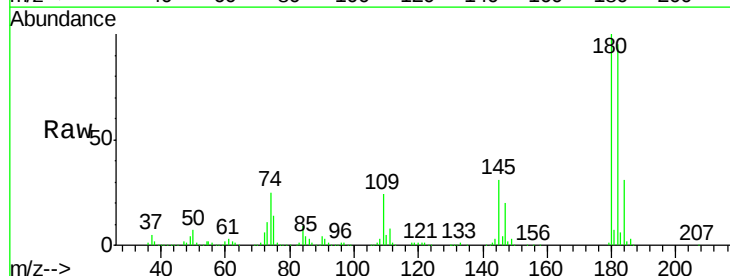
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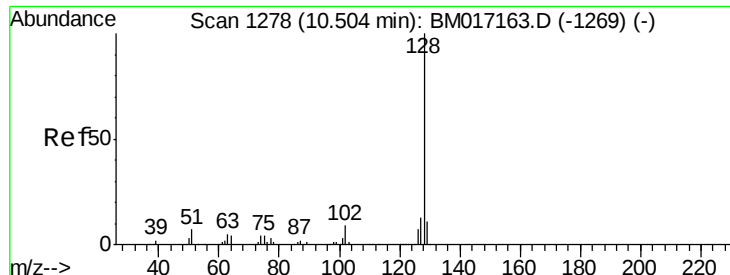
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#30
1,2,4-Trichlorobenzene
Concen: 45.849 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	77.5	116.3
145	30.8	24.0	36.0





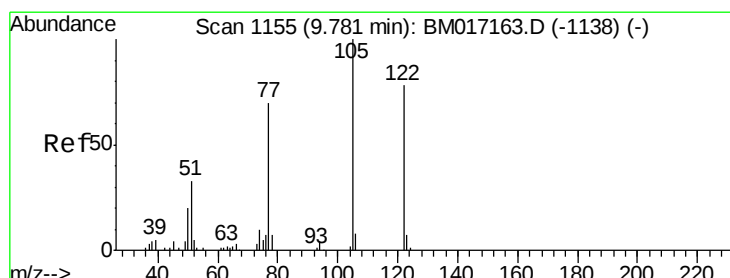
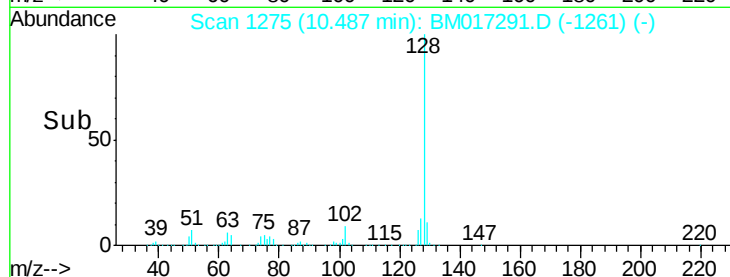
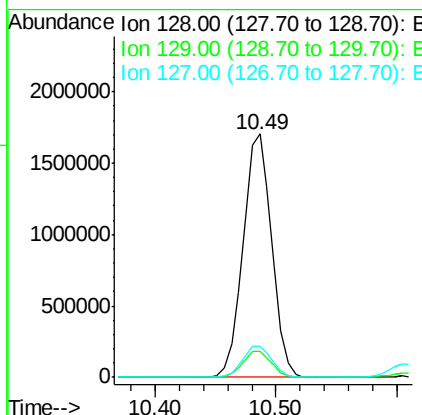
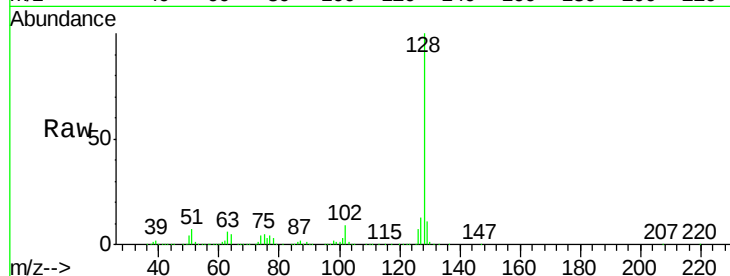
#31
Naphthalene
Concen: 50.156 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion:128 Resp: 2812608
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.3 15.5

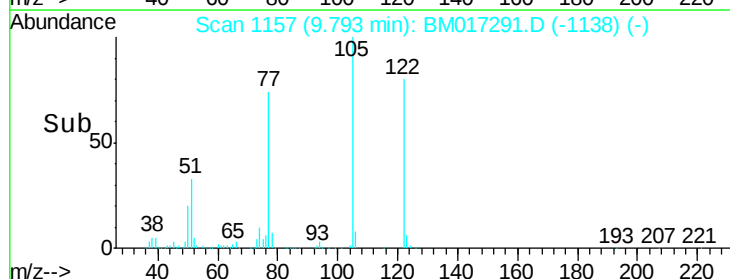
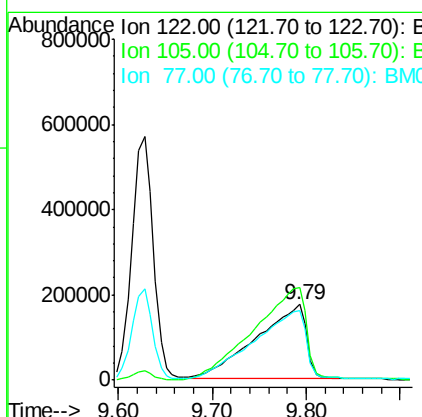
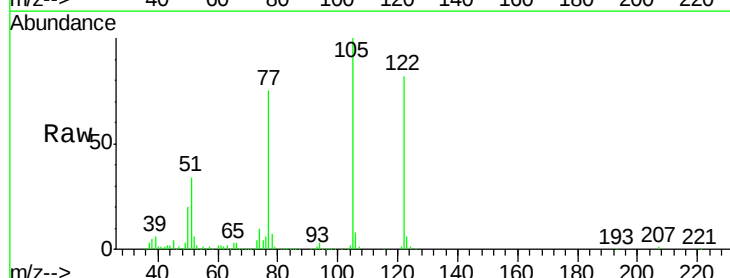
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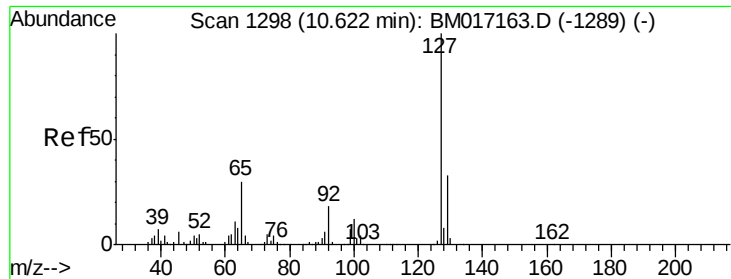
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#32
Benzoic acid
Concen: 60.038 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:122 Resp: 639961
Ion Ratio Lower Upper
122 100
105 122.3 102.0 142.0
77 91.9 67.7 107.7





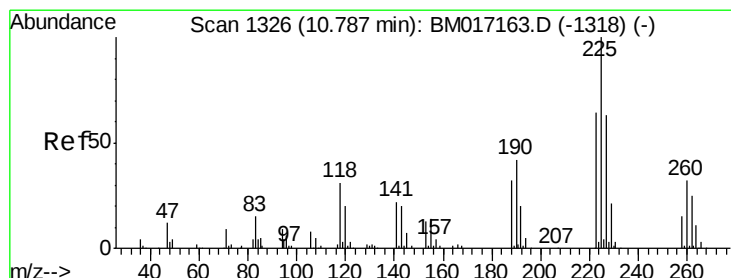
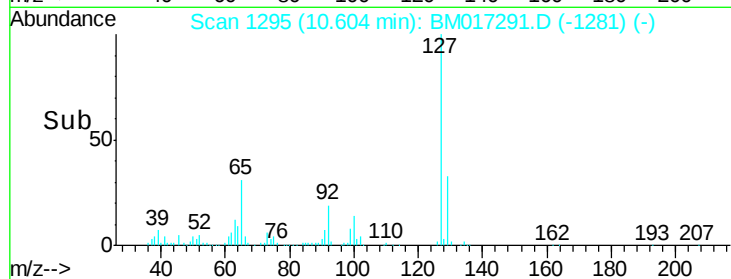
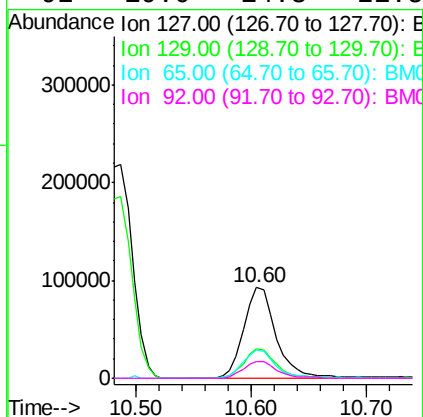
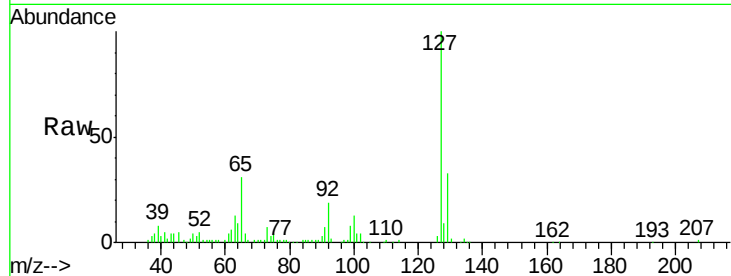
#33
4-Chloroaniline
Concen: 7.462 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	26.2	39.4
65	30.8	23.7	35.5
92	19.0	14.3	21.5

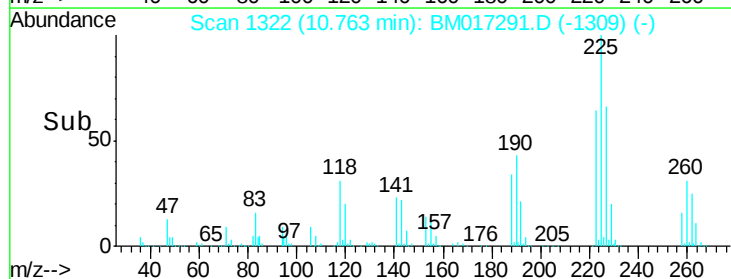
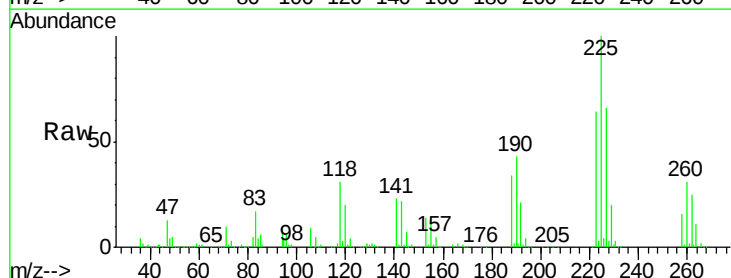
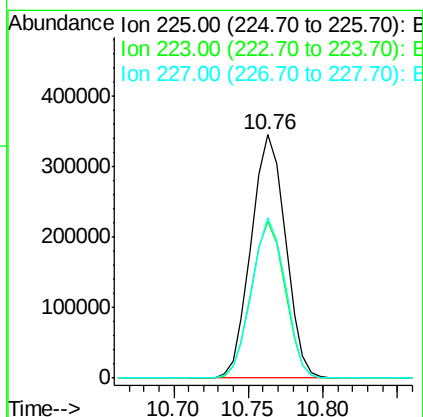
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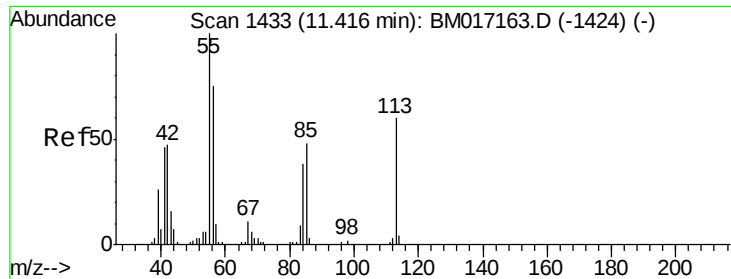
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#34
Hexachlorobutadiene
Concen: 43.665 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.1	51.0	76.6
227	65.8	50.8	76.2





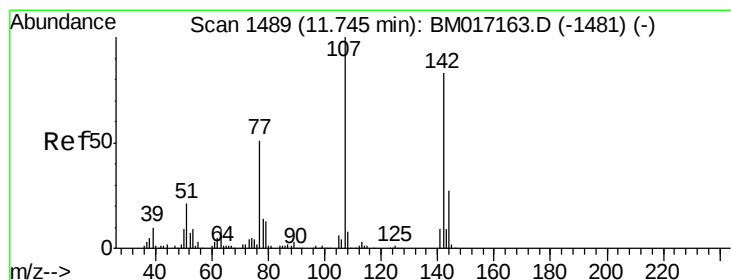
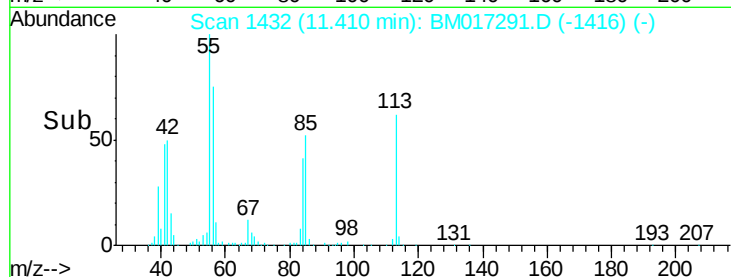
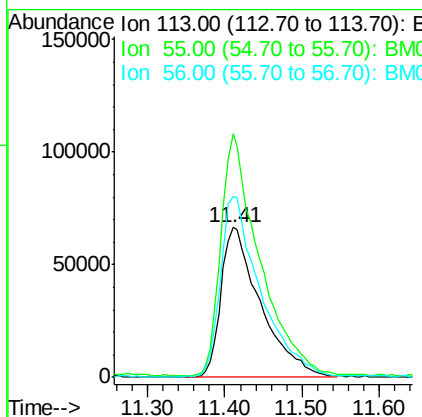
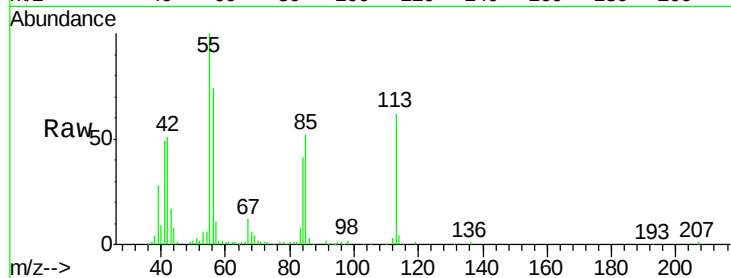
#35
 Caprolactam
 Concen: 39.105 ng m
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion: 113 Resp: 236385
 Ion Ratio Lower Upper
 113 100
 55 162.2 147.0 187.0
 56 120.6 104.5 144.5

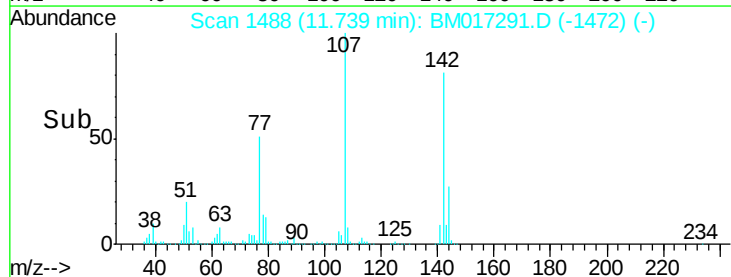
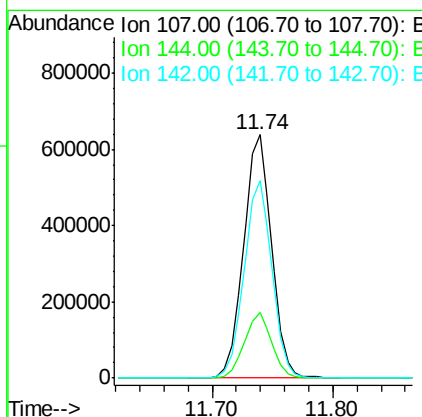
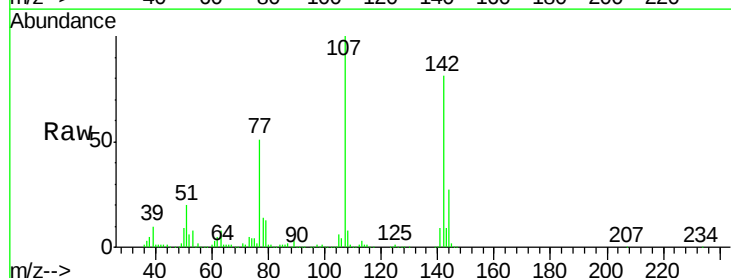
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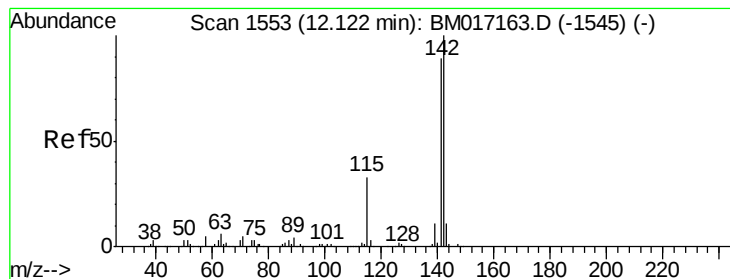
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 55.436 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion: 107 Resp: 1036480
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.6 32.4
 142 81.3 66.0 99.0





#37

2-Methylnaphthalene

Concen: 55.853 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:142 Resp: 2143278

Ion Ratio Lower Upper

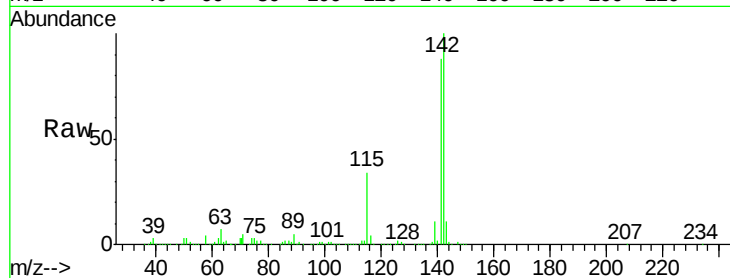
142 100

141 88.0 70.9 106.3

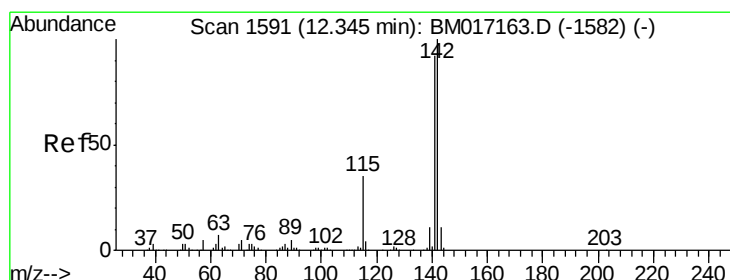
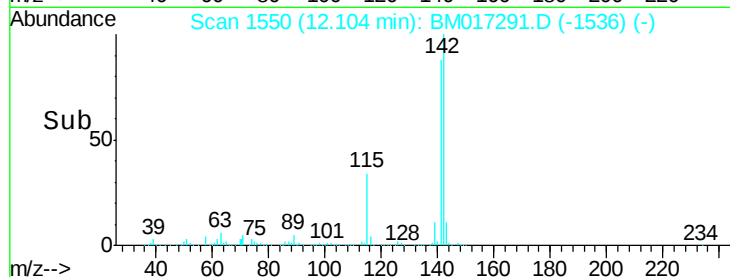
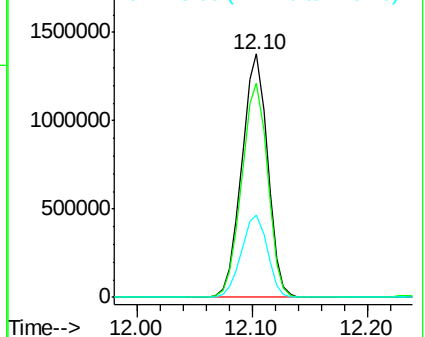
115 33.7 26.4 39.6

Manual Integrations
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.351 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

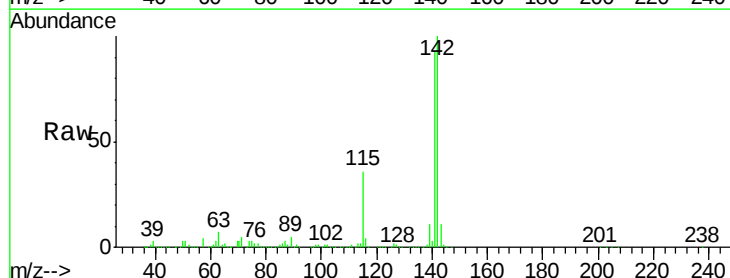
Tgt Ion:142 Resp: 2029909

Ion Ratio Lower Upper

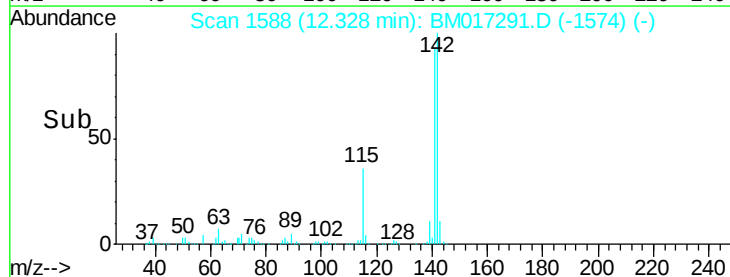
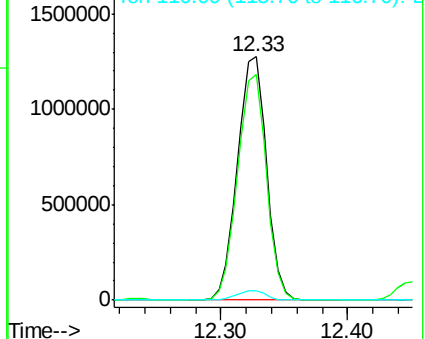
142 100

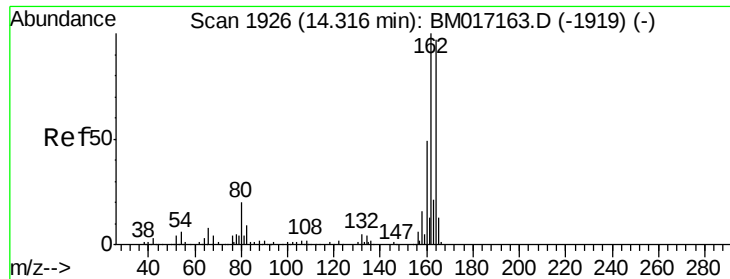
141 92.8 73.8 110.6

116 3.6 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





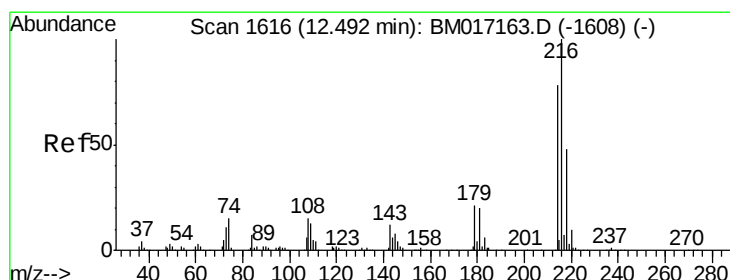
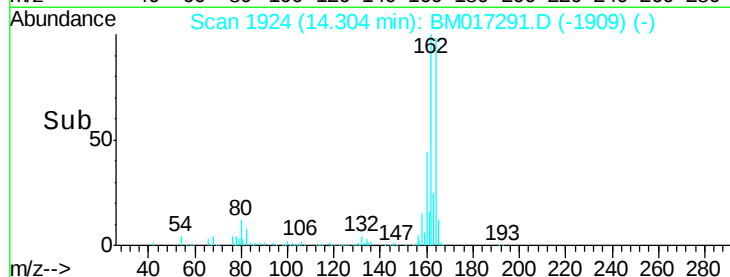
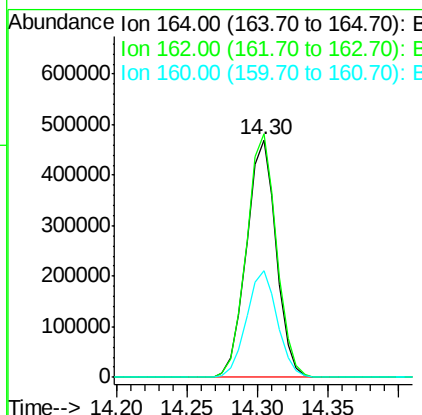
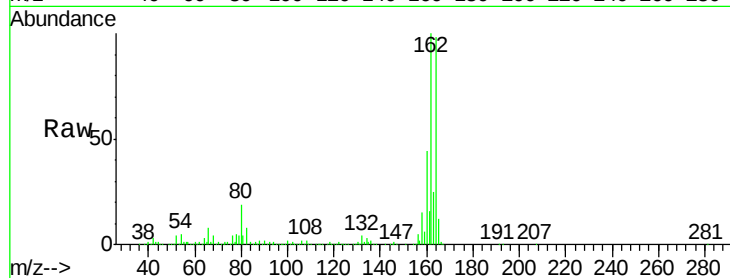
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	44.9	40.2	60.2

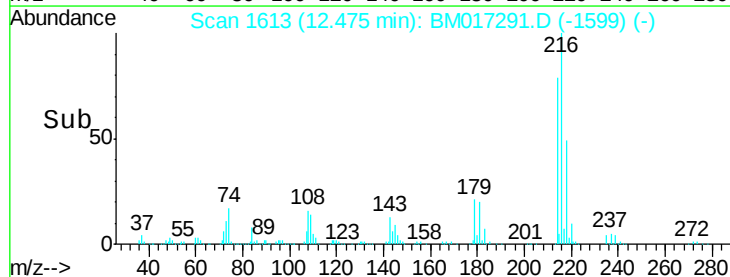
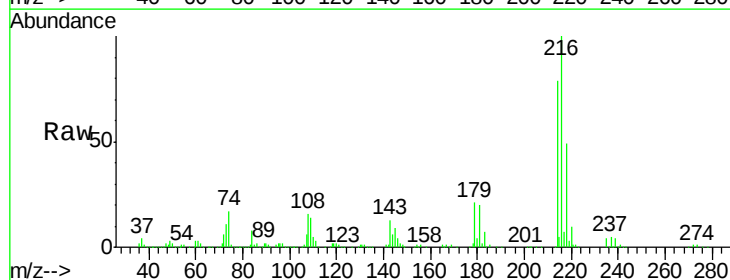
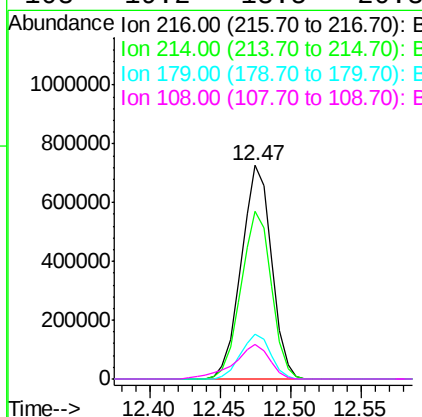
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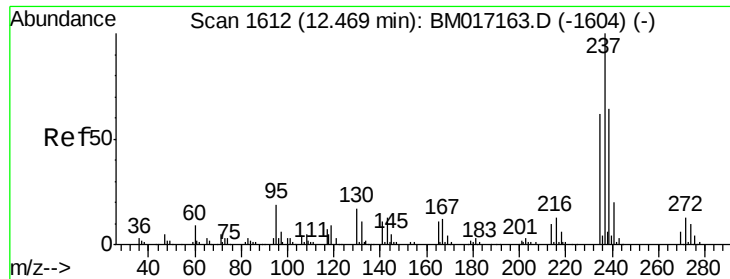
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.804 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	21.0	16.6	24.8
108	19.2	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 106.569 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

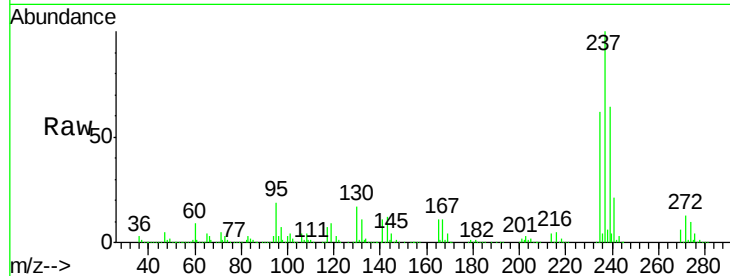
ClientSampleId :

MS-VB-29736-BOX-2MS

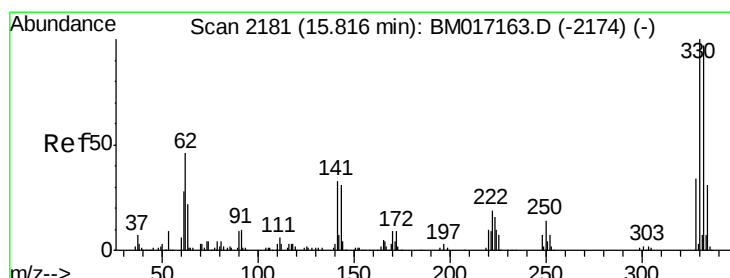
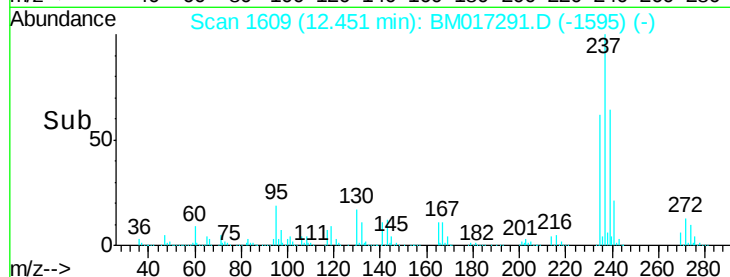
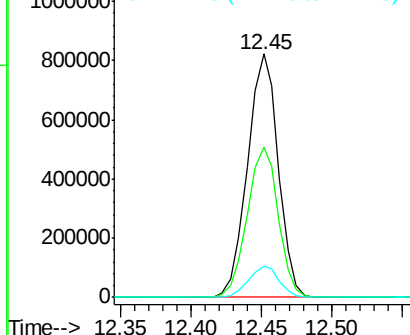
Tgt Ion:	237	Resp:	1256176
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.4	82.4
272	12.8	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 134.397 ng

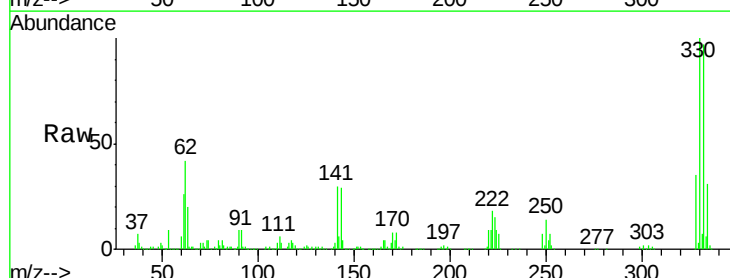
RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

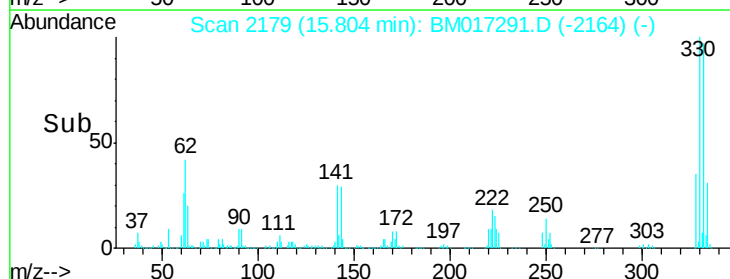
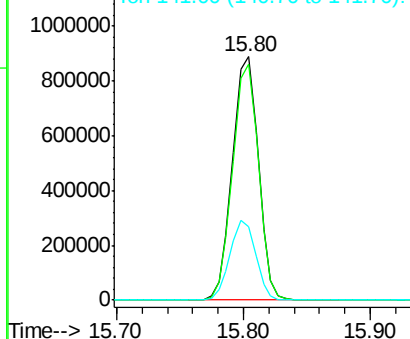
Lab File: BM017291.D

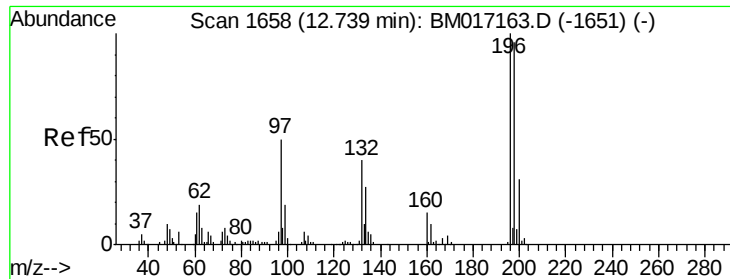
Acq: 23 Oct 2018 19:02

Tgt Ion:	330	Resp:	1258393
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.9	27.4	41.0



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





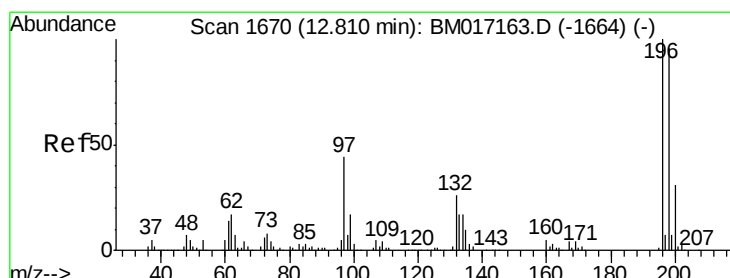
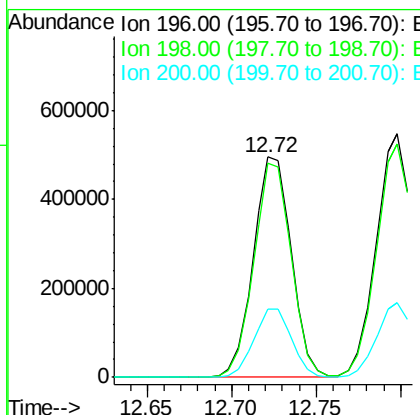
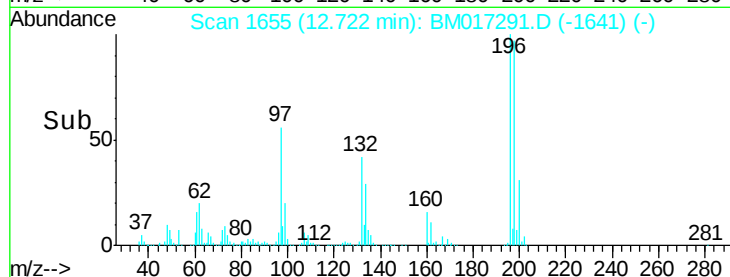
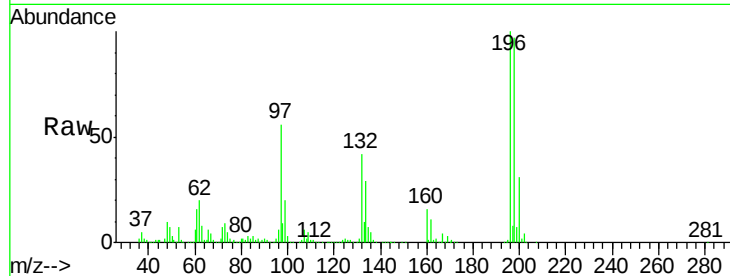
#43
 2,4,6-Trichlorophenol
 Concen: 54.812 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	775828		
198	97.4	77.1	115.7	
200	30.8	25.0	37.4	

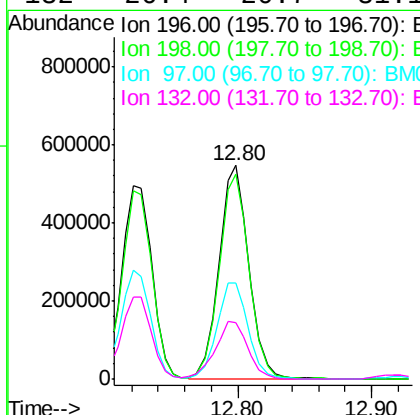
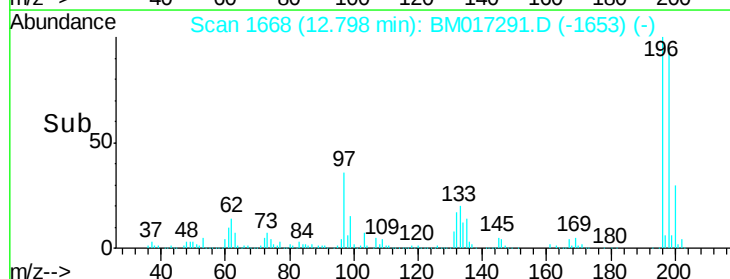
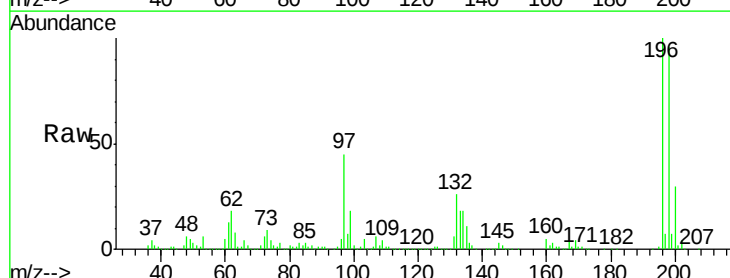
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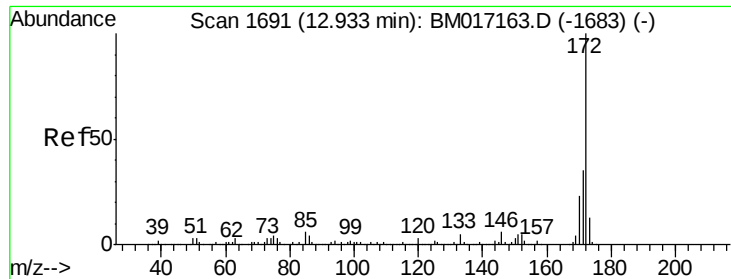
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#44
 2,4,5-Trichlorophenol
 Concen: 56.021 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	850294		
198	95.7	76.6	115.0	
97	45.1	35.5	53.3	
132	26.4	20.7	31.1	





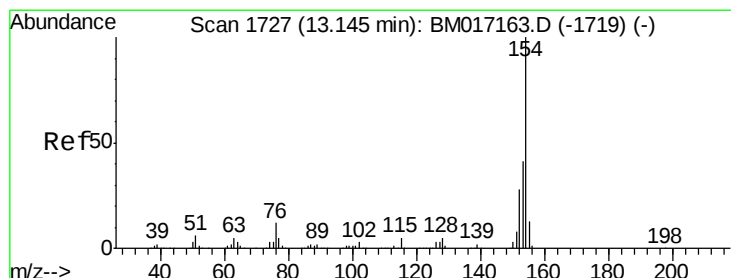
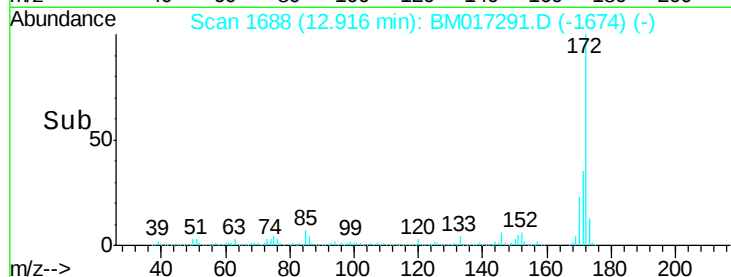
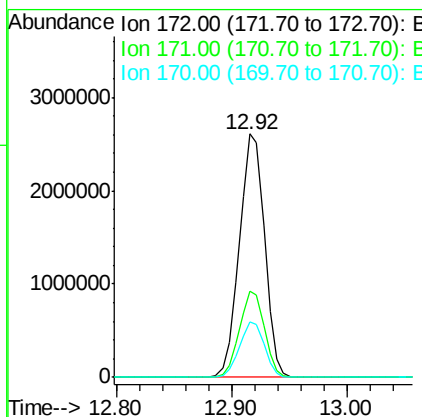
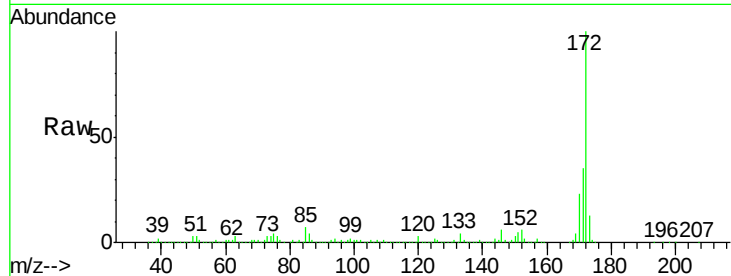
#45
2-Fluorobiphenyl
Concen: 75.687 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion:172 Resp: 3938458
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.6 18.3 27.5

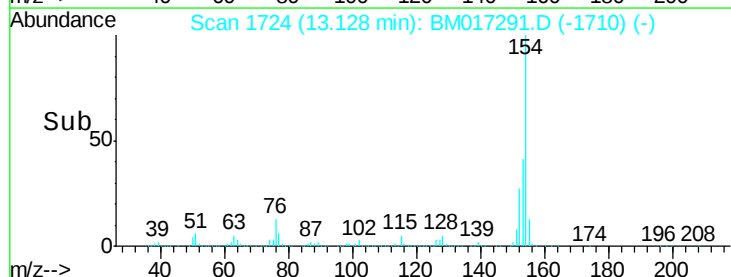
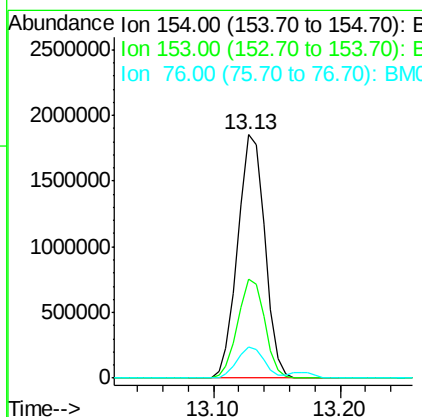
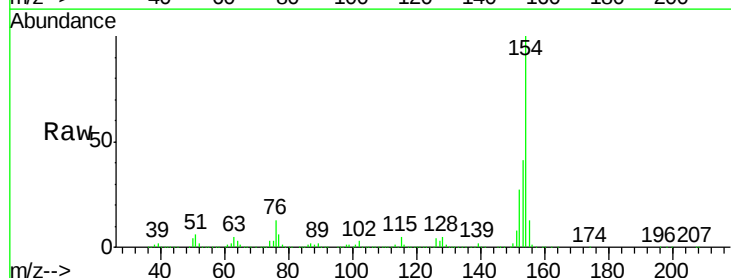
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#46
1,1'-Biphenyl
Concen: 43.974 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:154 Resp: 2739831
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 12.7 0.0 31.8





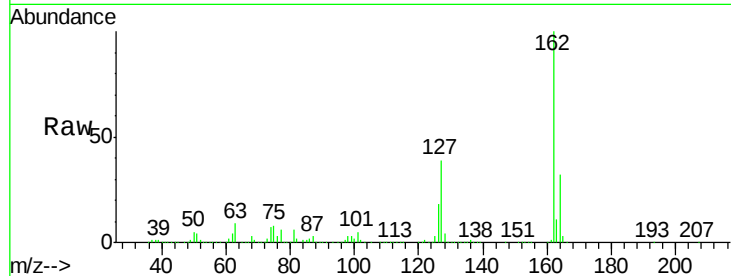
#47
2-Chloronaphthalene
Concen: 46.593 ng
RT: 13.17 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

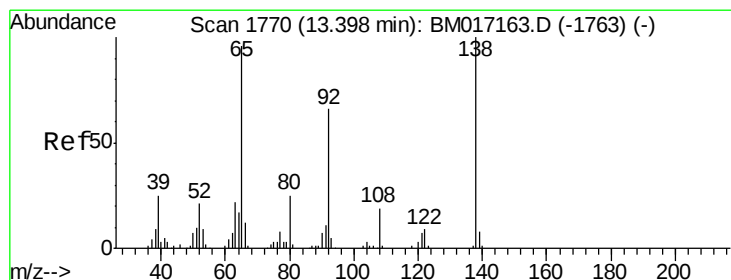
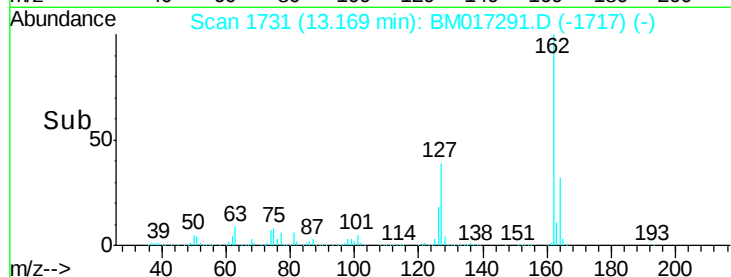
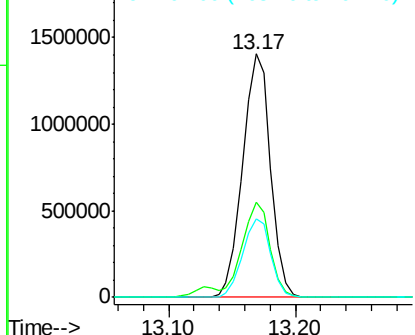
Tgt Ion: 162 Resp: 2135664
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.4
164 32.1 26.6 39.8

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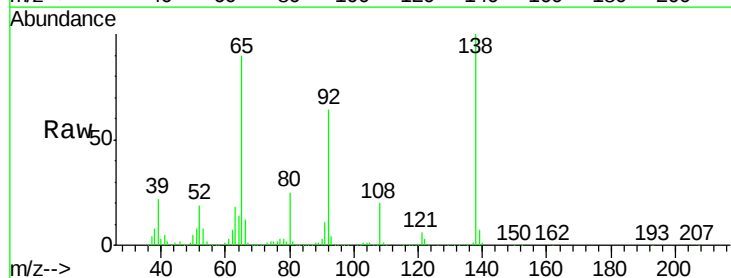


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

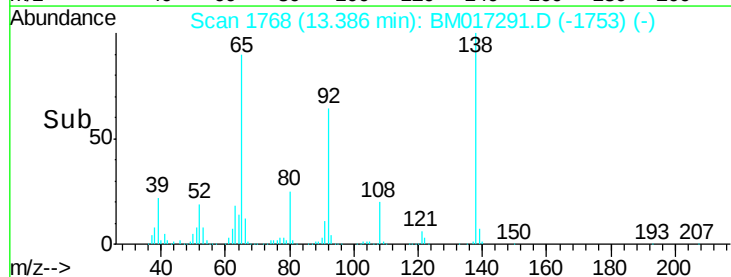
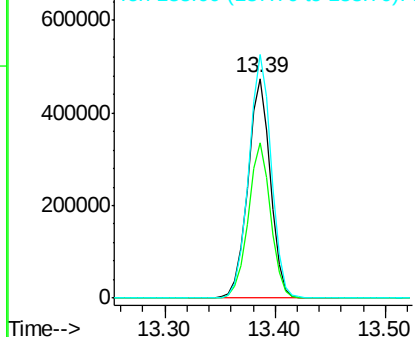


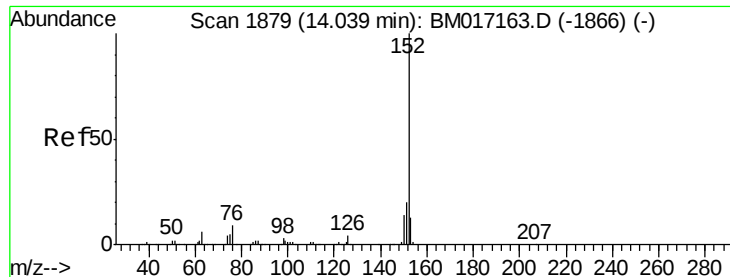
#48
2-Nitroaniline
Concen: 51.908 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion: 65 Resp: 678995
Ion Ratio Lower Upper
65 100
92 70.8 54.9 82.3
138 110.8 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: 53.341 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

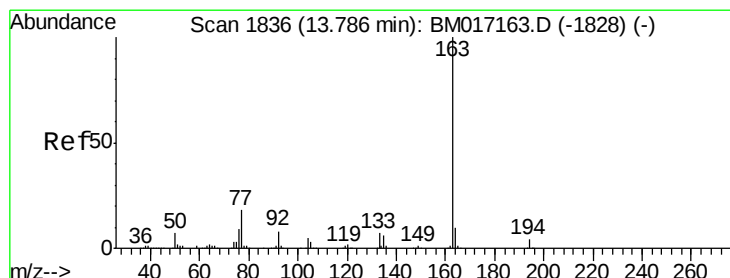
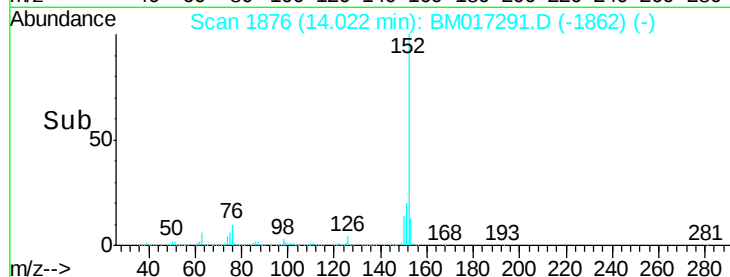
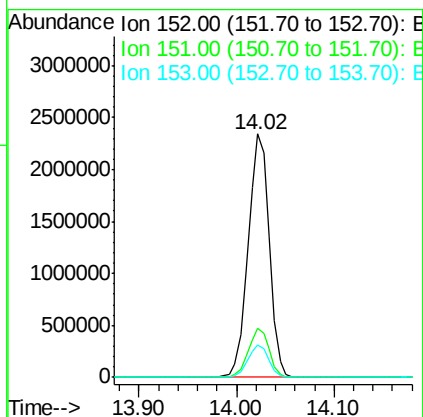
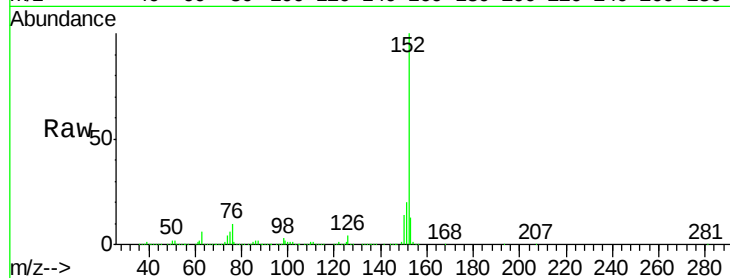
ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:	152	Resp:	3543955
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 53.268 ng

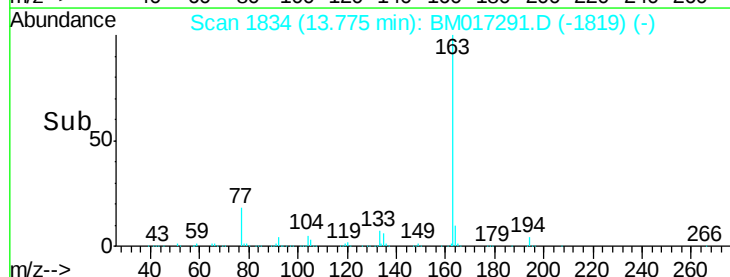
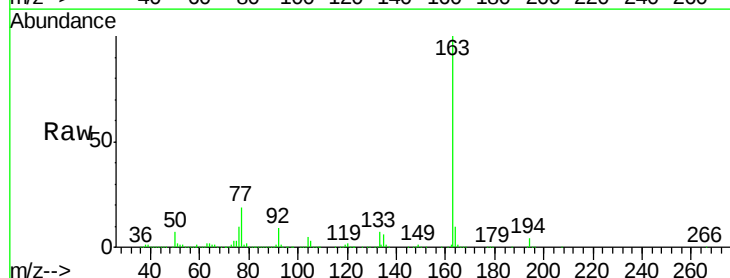
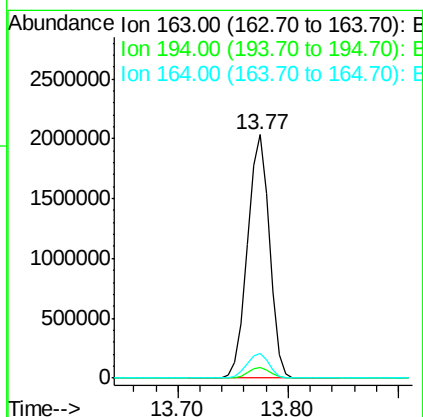
RT: 13.77 min Scan# 1834

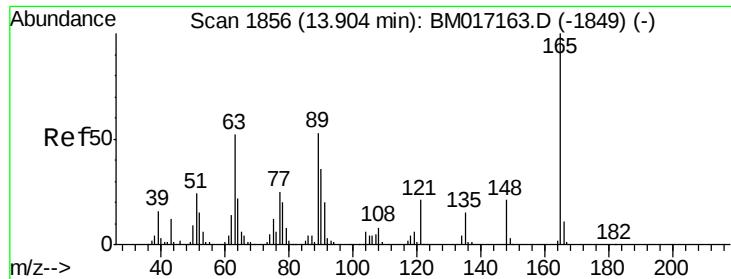
Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:	163	Resp:	2845384
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	7.8	11.8





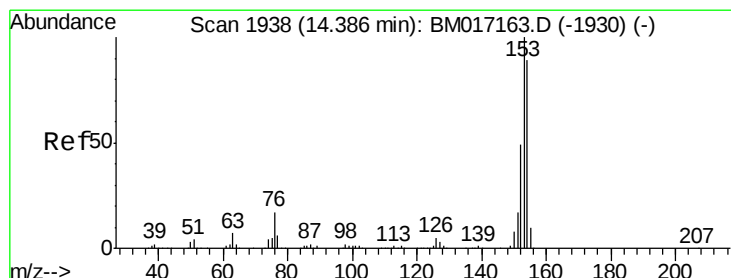
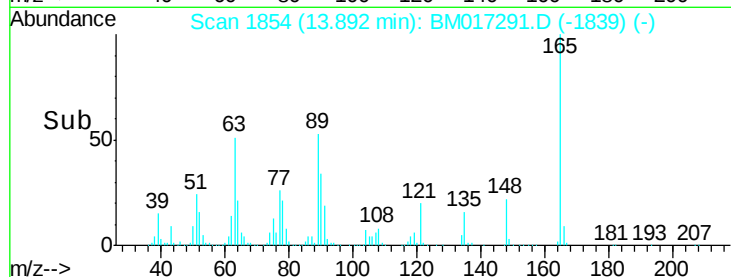
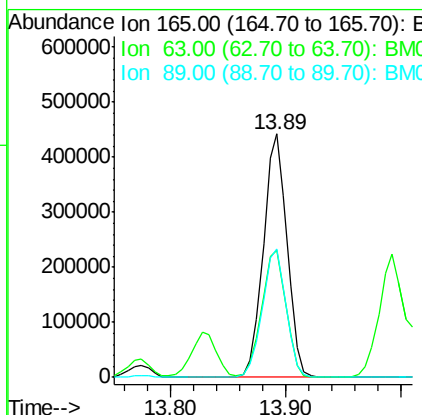
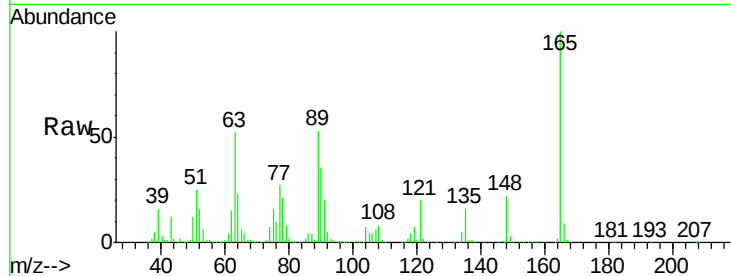
#51
 2,6-Dinitrotoluene
 Concen: 53.798 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	632483		
63	52.1	42.7	64.1	
89	52.7	42.1	63.1	

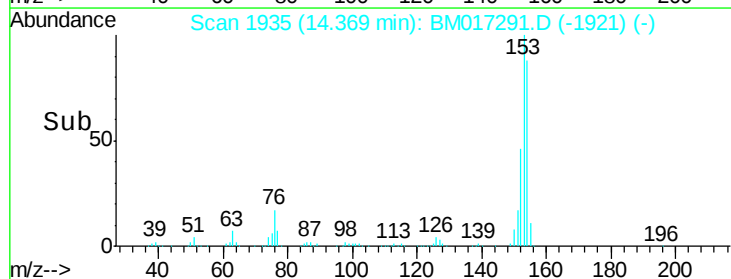
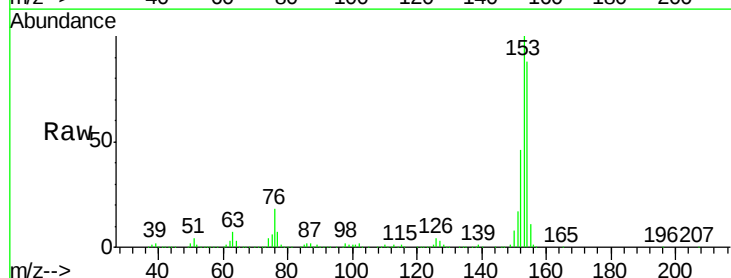
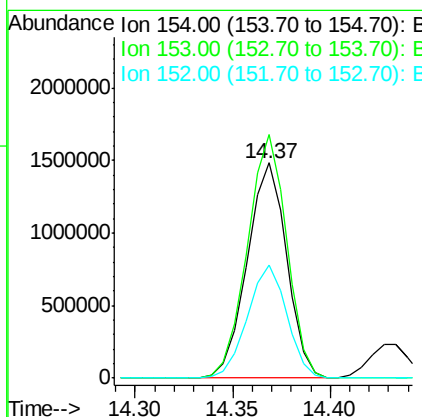
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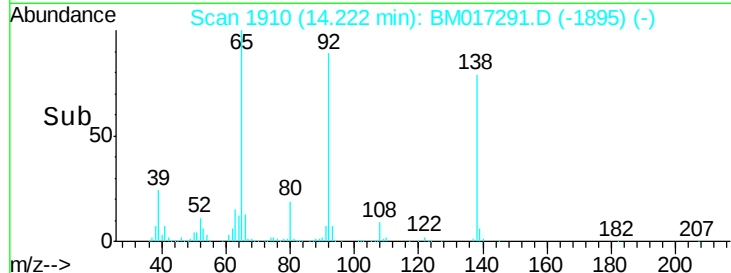
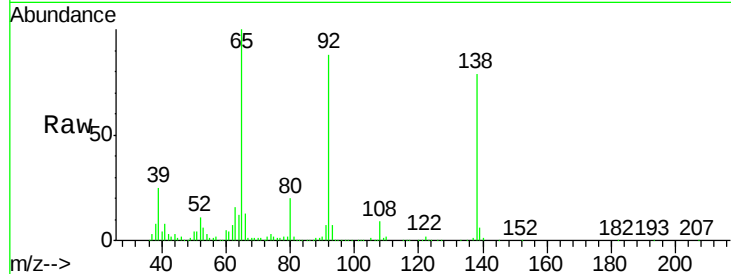
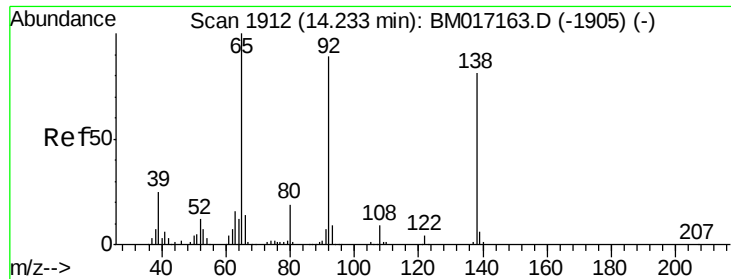
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#52
 Acenaphthene
 Concen: 49.902 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2081721		
153	113.1	90.2	135.2	
152	52.3	44.2	66.4	





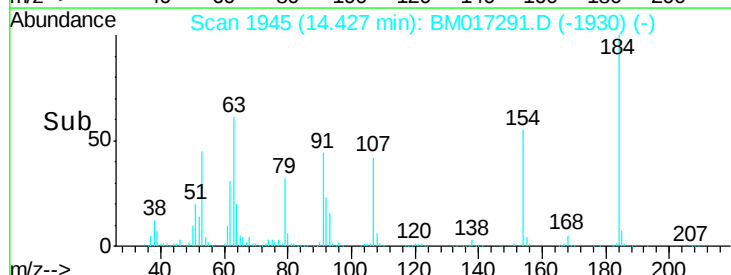
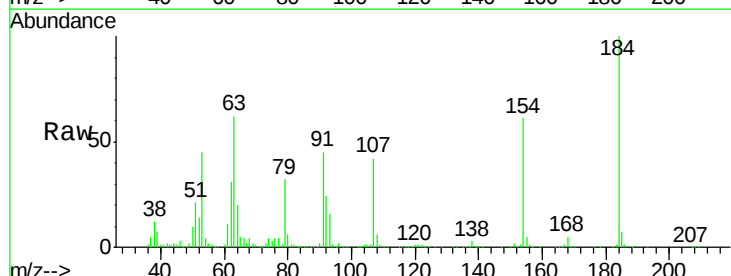
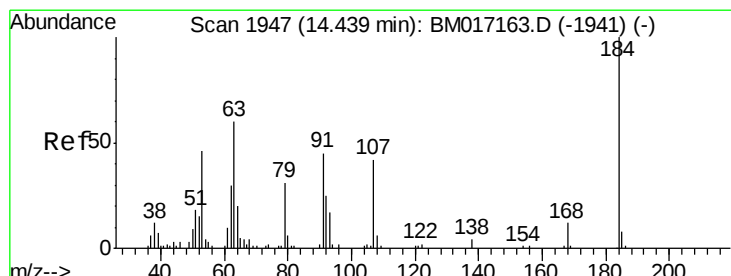
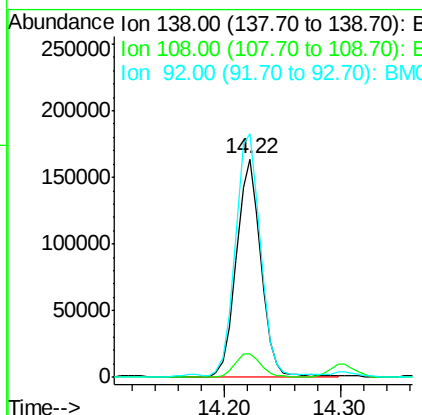
#53
3-Nitroaniline
Concen: 19.135 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	243645		
108	10.9	8.7	13.1	
92	111.4	87.9	131.9	

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

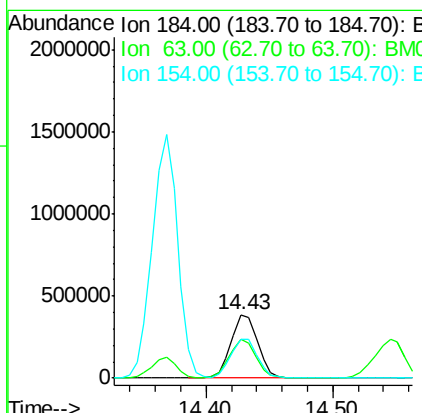
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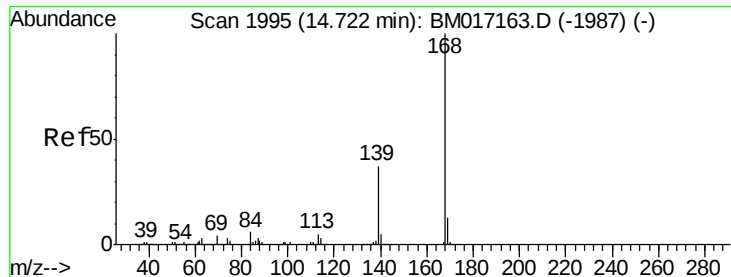
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#54
2,4-Dinitrophenol
Concen: 81.779 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	565447		
63	62.0	51.2	76.8	
154	60.7	47.8	71.8	





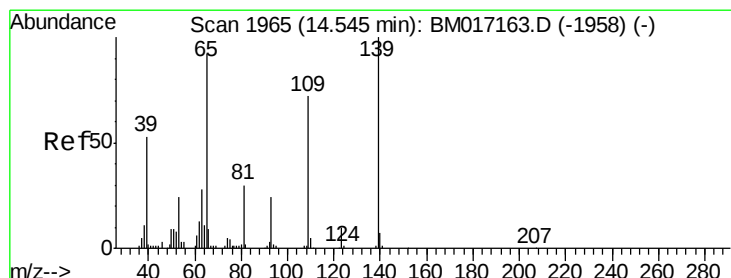
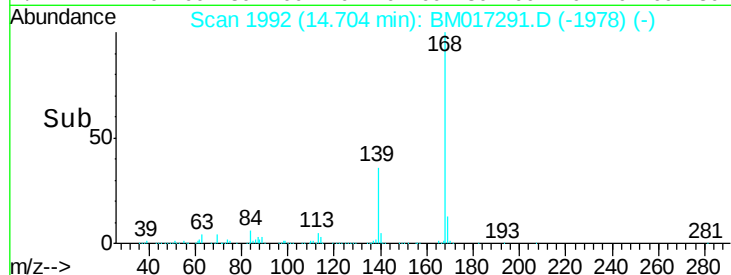
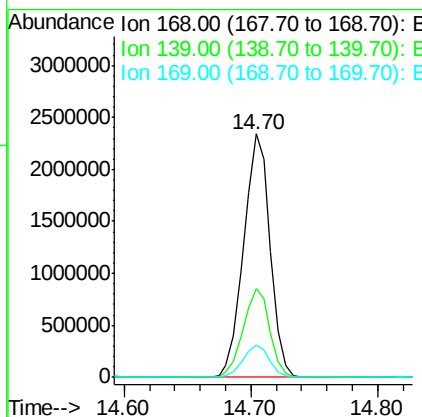
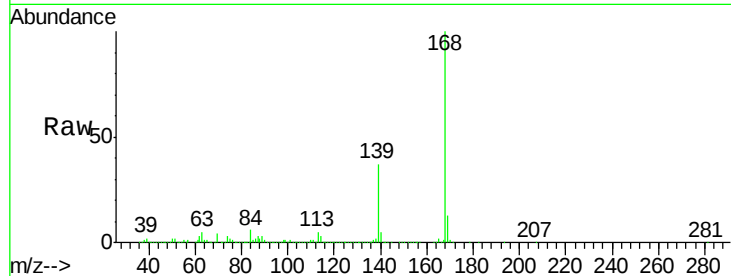
#55
Dibenzofuran
Concen: 48.623 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion:168 Resp: 3373062
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9
169 13.4 10.6 15.8

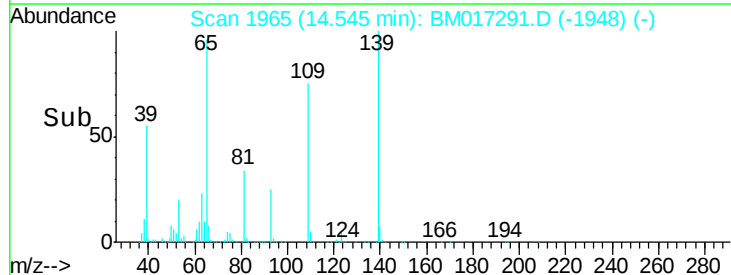
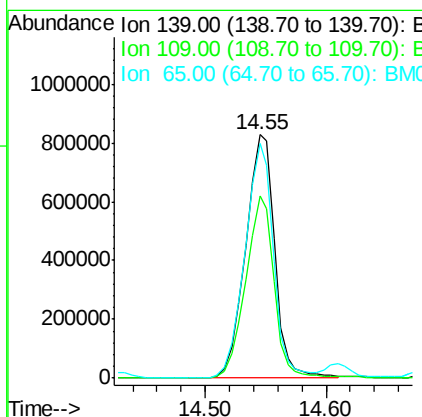
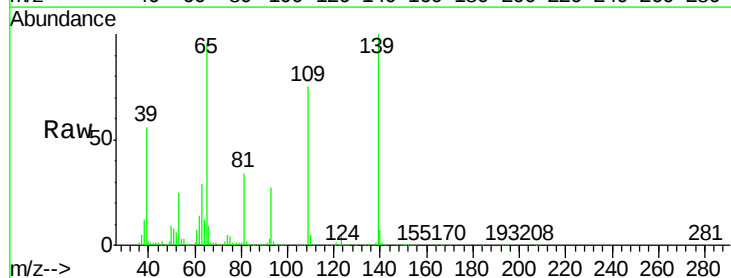
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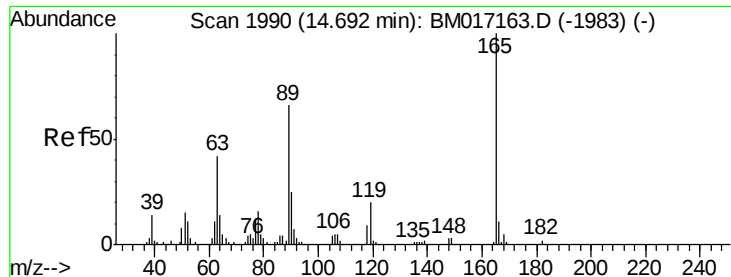
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#56
4-Nitrophenol
Concen: 118.549 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:139 Resp: 1403764
Ion Ratio Lower Upper
139 100
109 74.6 51.8 91.8
65 96.4 72.1 112.1





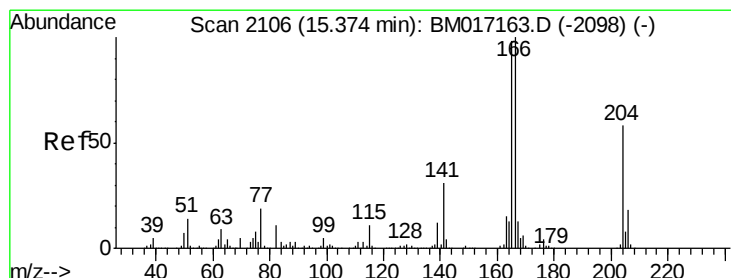
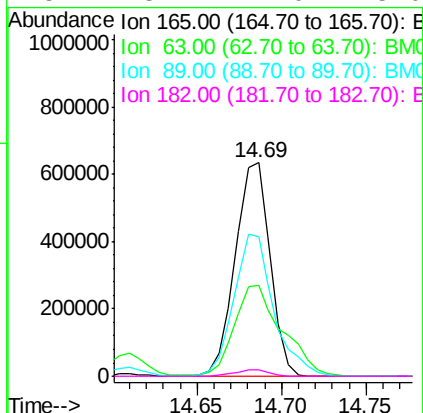
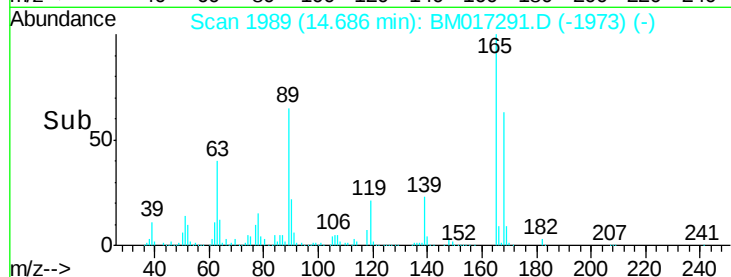
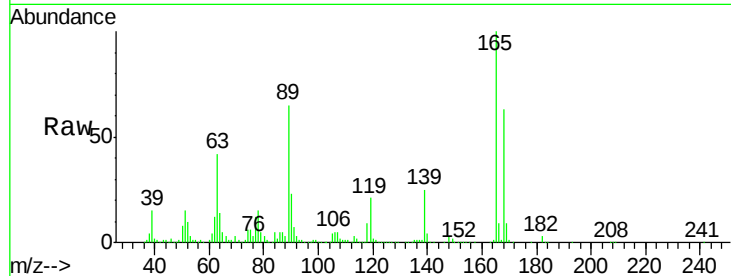
#57
 2,4-Dinitrotoluene
 Concen: 57.830 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	913810		
63	42.5	33.8	50.8	
89	65.3	53.1	79.7	
182	3.1	2.0	3.0	

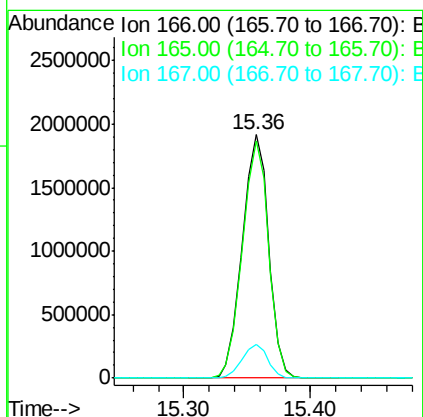
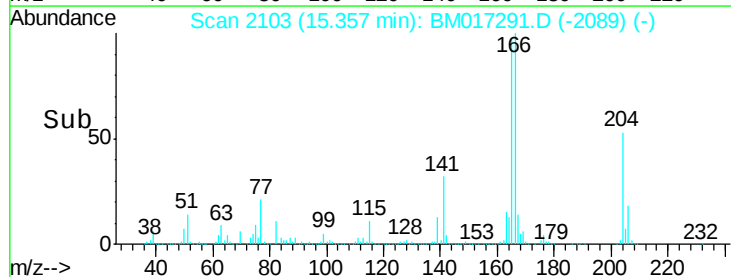
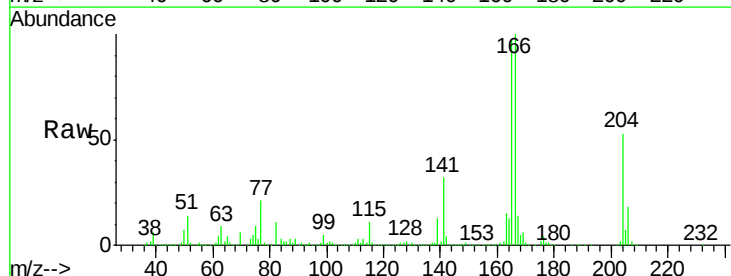
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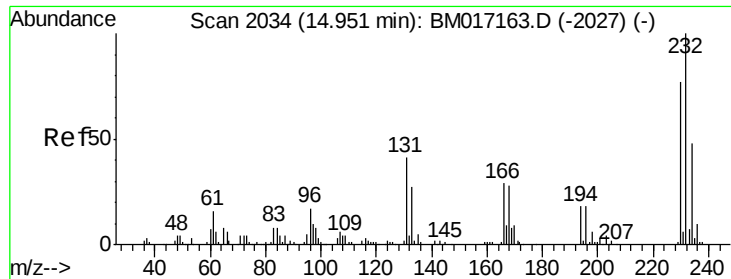
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#58
 Fluorene
 Concen: 53.744 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2759624		
165	97.3	78.1	117.1	
167	13.9	10.6	16.0	





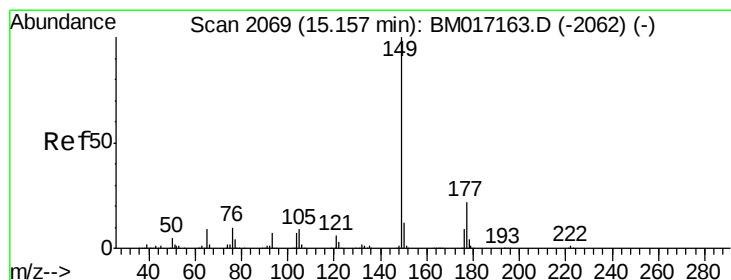
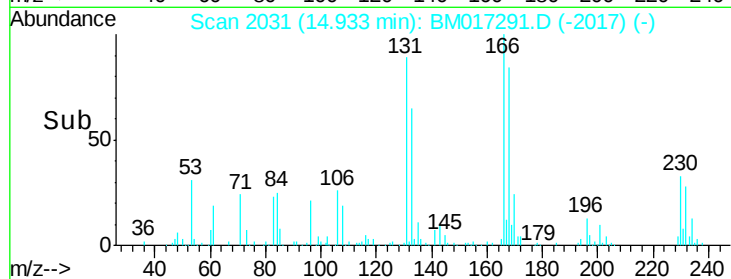
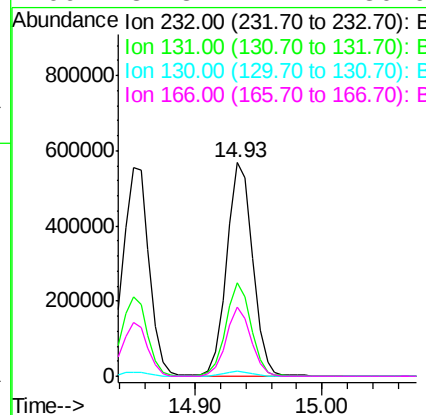
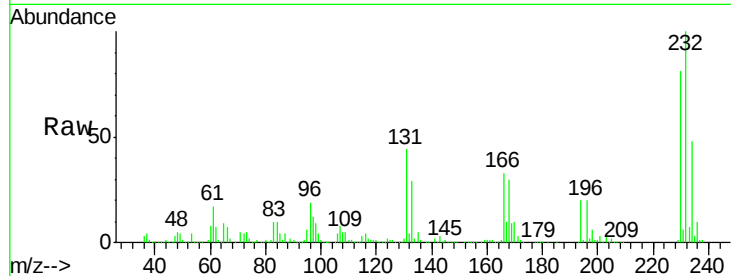
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.858 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	800483		
131	42.8		33.1	49.7
130	2.3		1.7	2.5
166	31.3		24.4	36.6

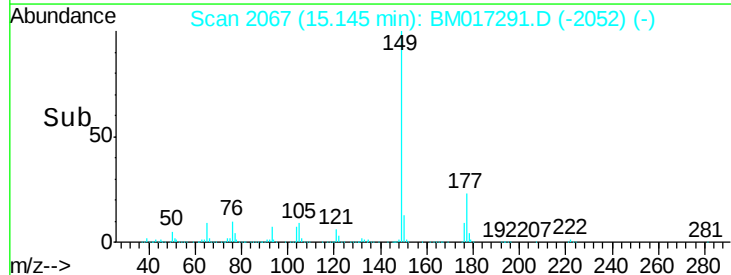
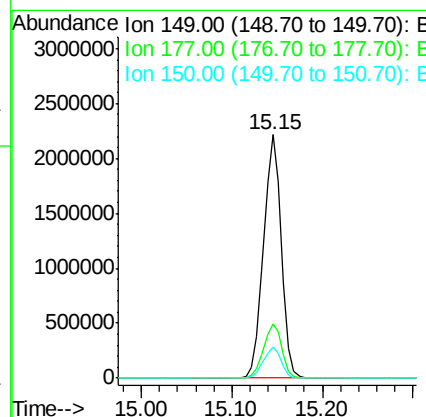
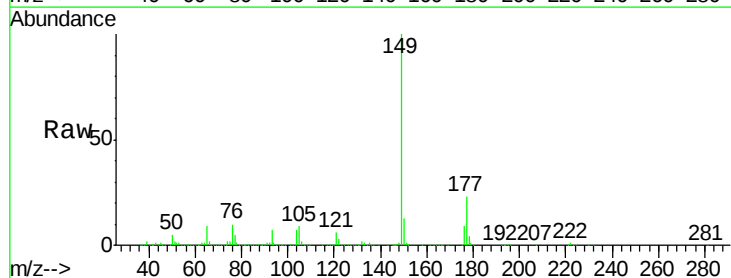
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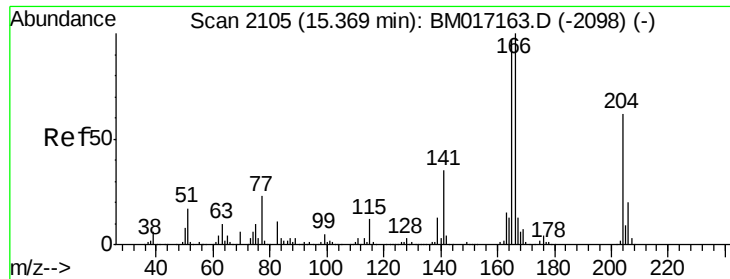
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#60
 Diethylphthalate
 Concen: 56.585 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2997537		
177	22.5		17.7	26.5
150	12.5		10.0	15.0





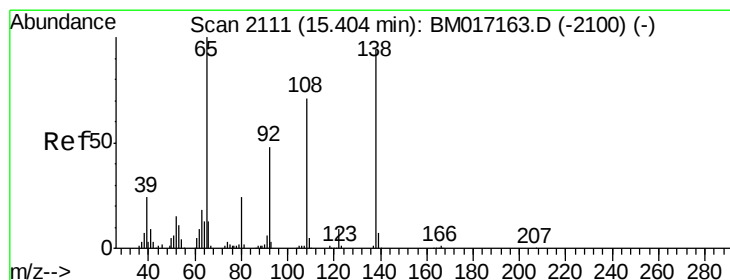
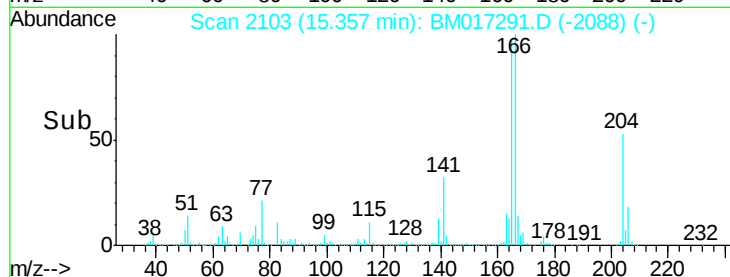
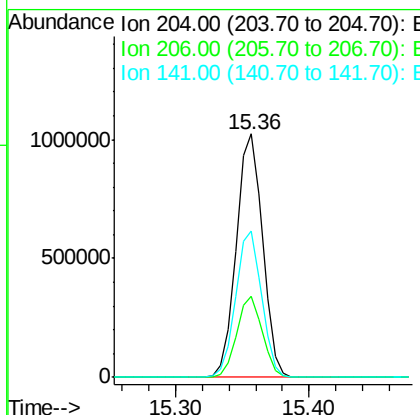
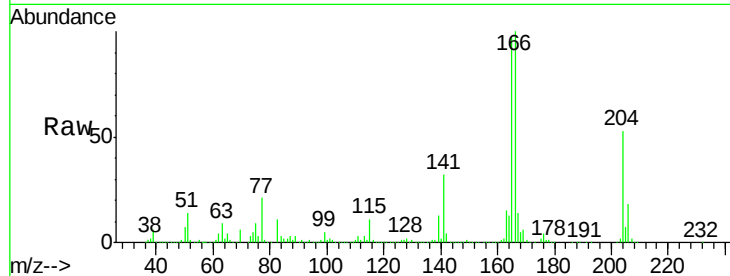
#61
4-Chlorophenyl-phenylether
Concen: 47.632 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion: 204 Resp: 1394332
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 59.9 45.4 68.2

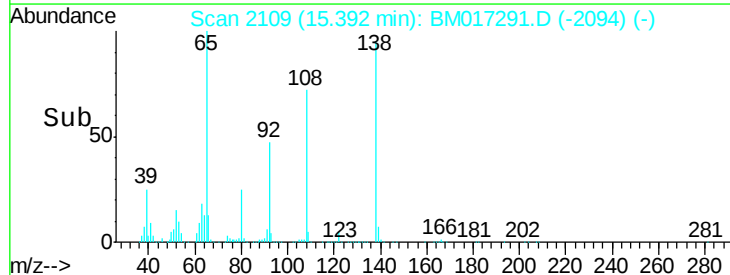
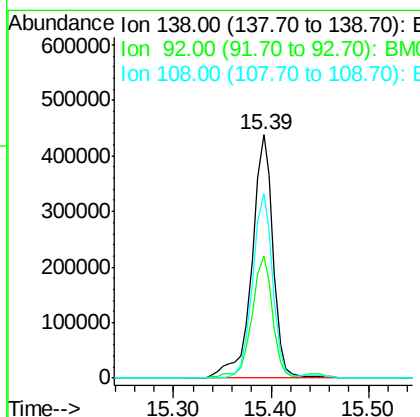
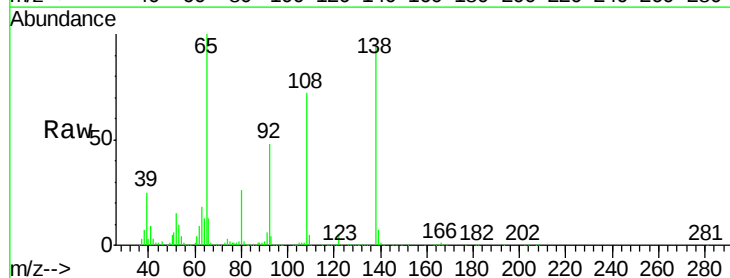
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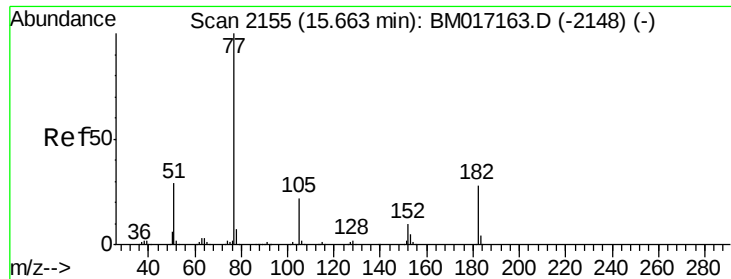
Sohil
10/24/2018 10:57:26 AM



#62
4-Nitroaniline
Concen: 47.409 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion: 138 Resp: 672765
Ion Ratio Lower Upper
138 100
92 50.0 31.2 71.2
108 75.6 55.5 95.5





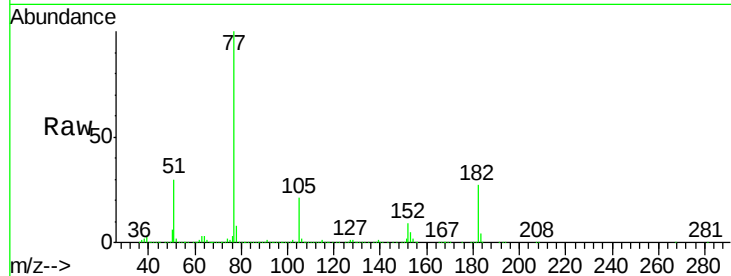
#63
Azobenzene
Concen: 51.660 ng
RT: 15.65 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

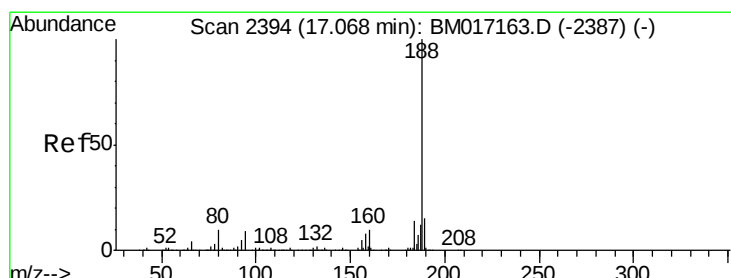
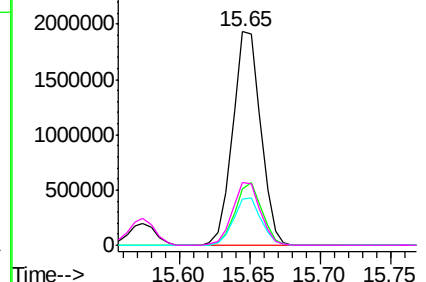
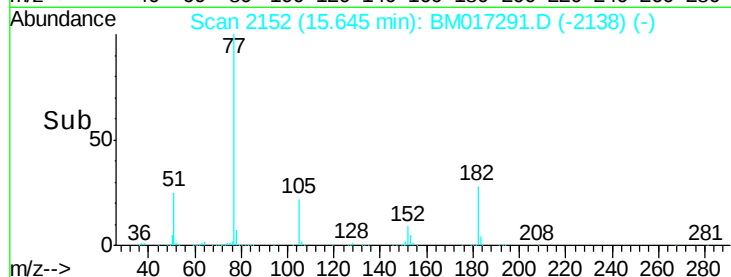
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.3	48.3
105	21.5	1.5	41.5
51	29.6	8.8	48.8

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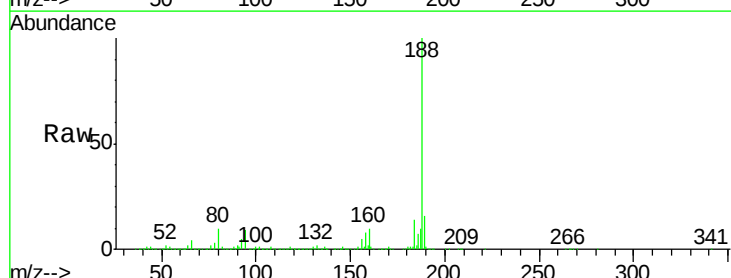


Abundance Ion 77.00 (76.70 to 77.70): BM017291.D (-2138) (-)
Ion 182.00 (181.70 to 182.70): BM017291.D (-2138) (-)
Ion 105.00 (104.70 to 105.70): BM017291.D (-2138) (-)
Ion 51.00 (50.70 to 51.70): BM017291.D (-2138) (-)

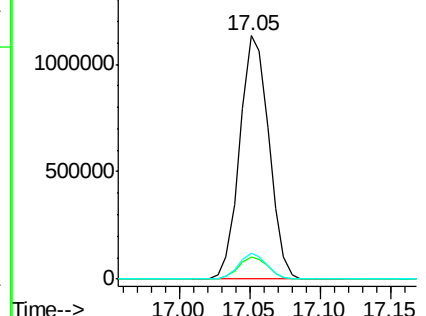
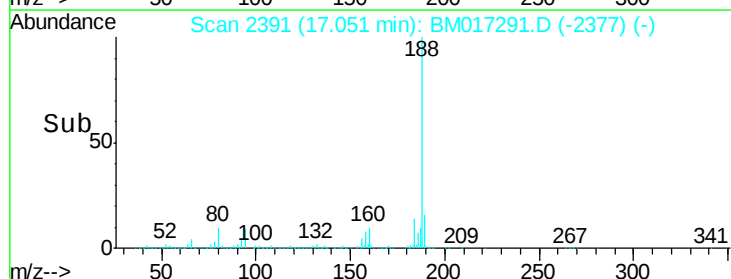


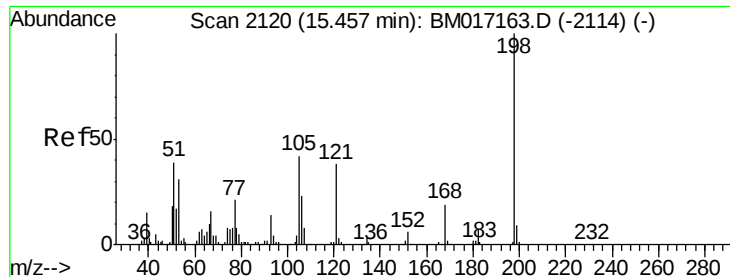
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.5	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017291.D (-2377) (-)
Ion 94.00 (93.70 to 94.70): BM017291.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM017291.D (-2377) (-)





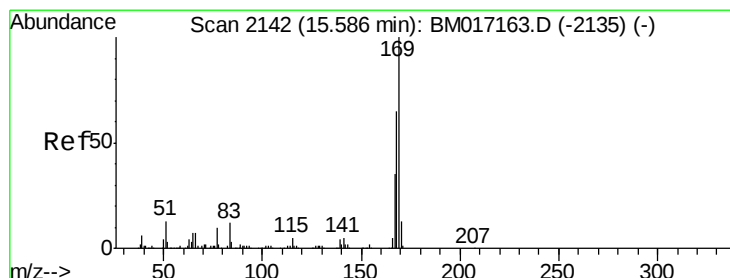
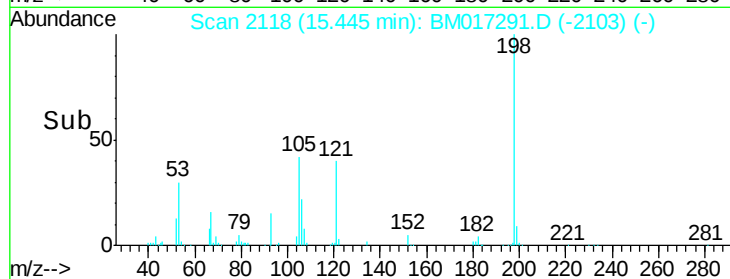
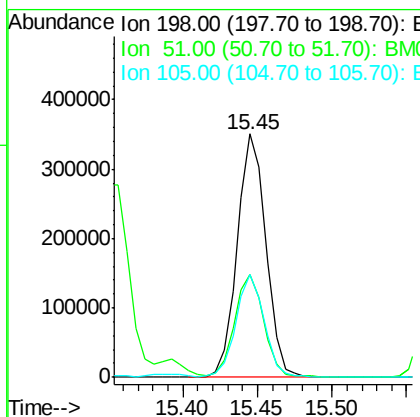
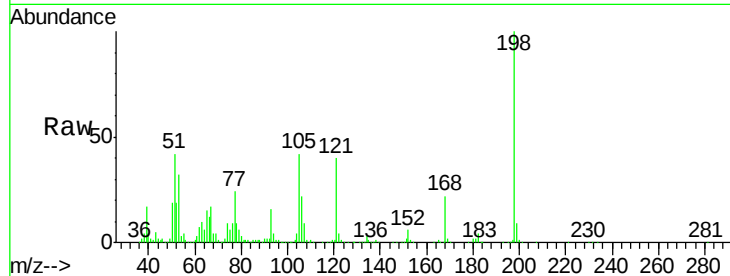
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.269 ng
 RT: 15.45 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	470140		
51	42.2	20.3	60.3	
105	42.3	21.9	61.9	

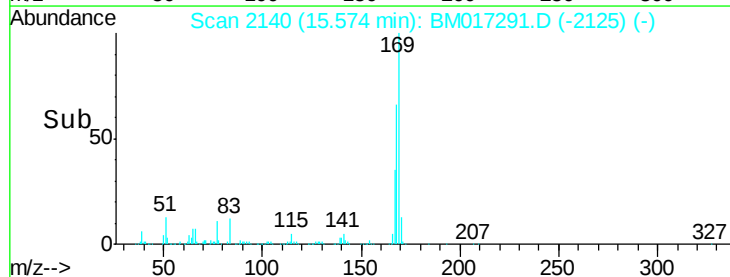
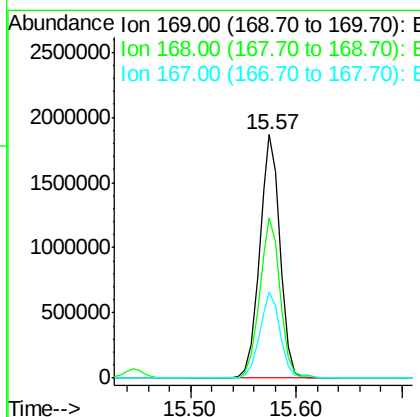
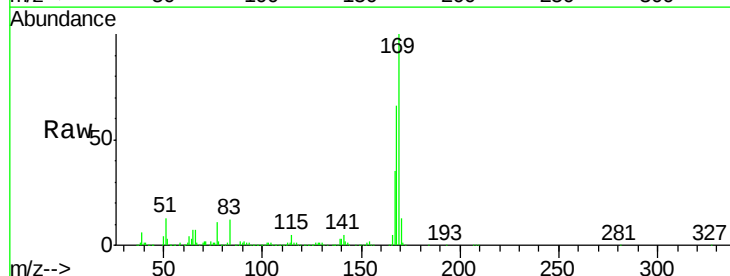
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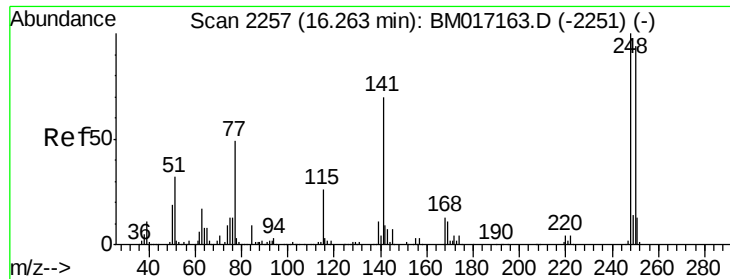
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 50.755 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2509291		
168	65.7	52.2	78.4	
167	35.4	28.4	42.6	





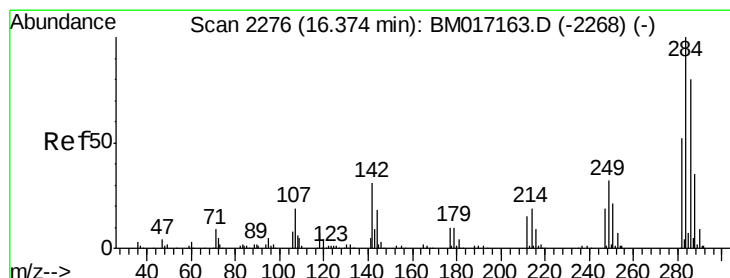
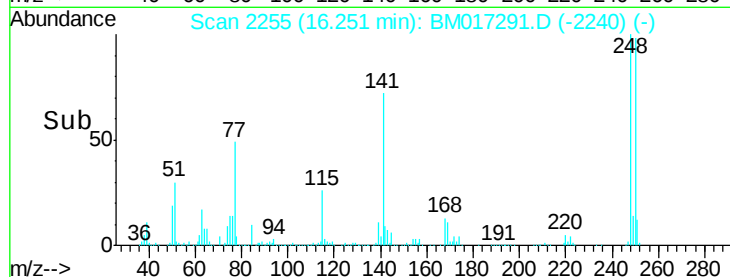
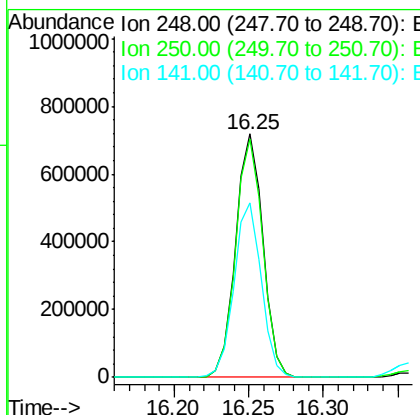
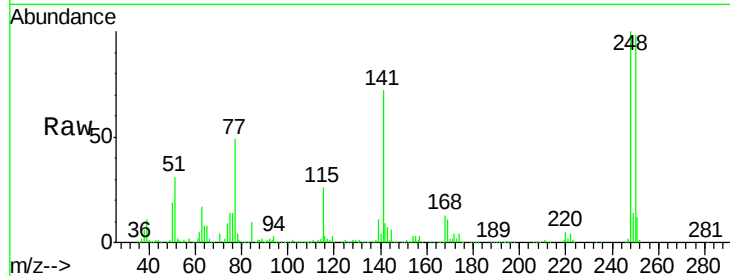
#67
 4-Bromophenyl-phenylether
 Concen: 51.141 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.1	112.7
141	71.7	55.6	83.4

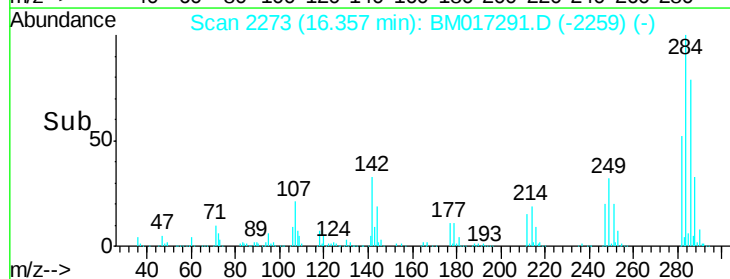
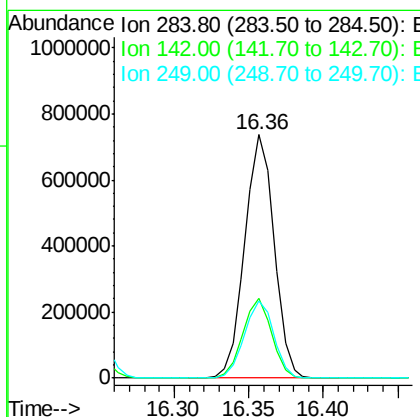
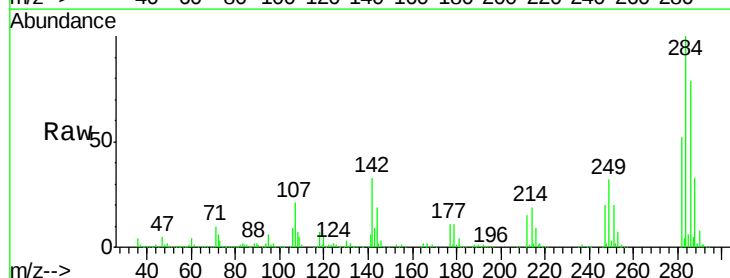
Manual Integrations
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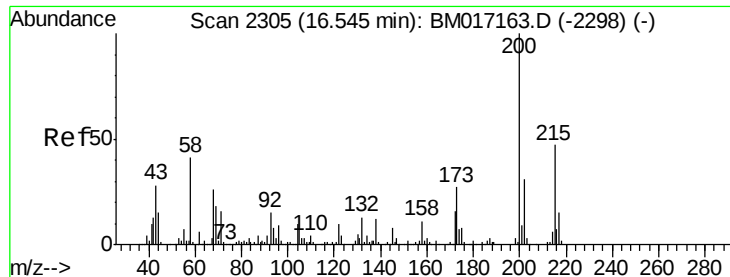
Sohil
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#68
 Hexachlorobenzene
 Concen: 48.001 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.0	37.6
249	31.7	25.5	38.3





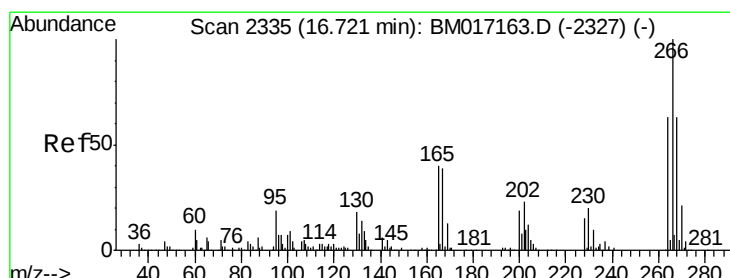
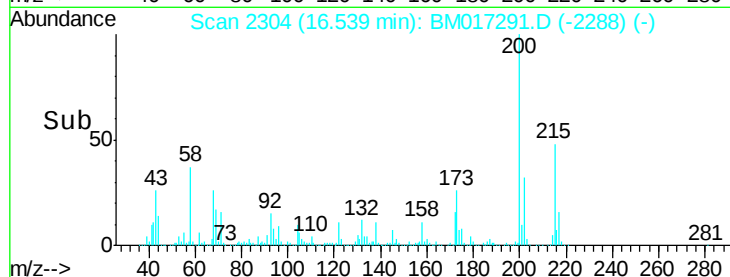
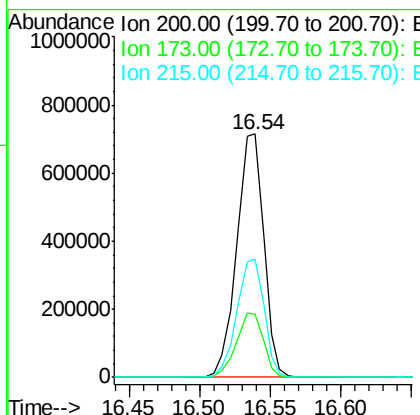
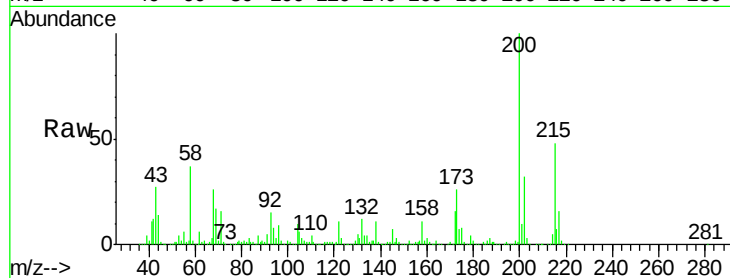
#69
Atrazine
Concen: 54.068 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.0	7.0	47.0
215	48.3	27.3	67.3

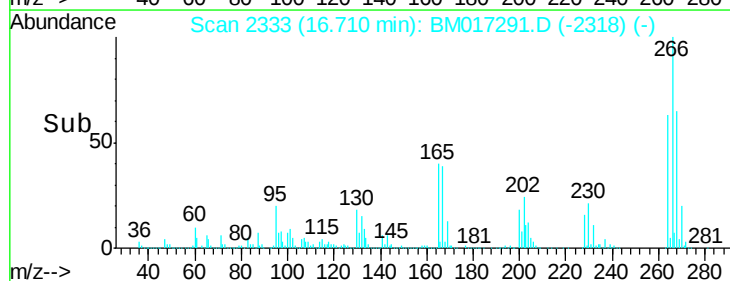
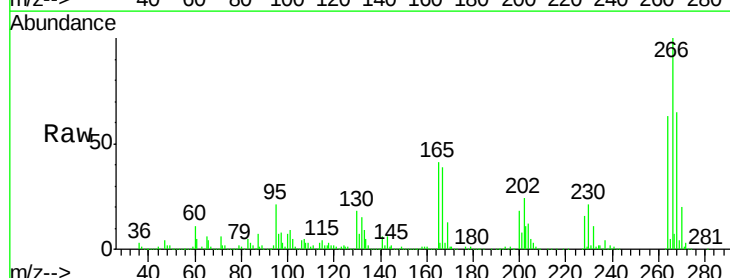
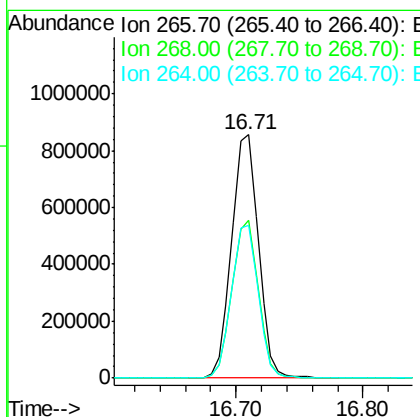
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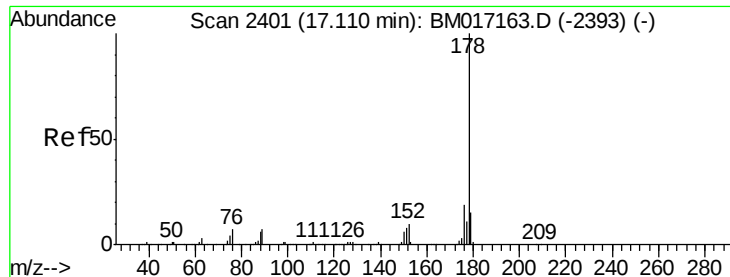
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#70
Pentachlorophenol
Concen: 87.812 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	50.7	76.1
264	63.0	50.4	75.6





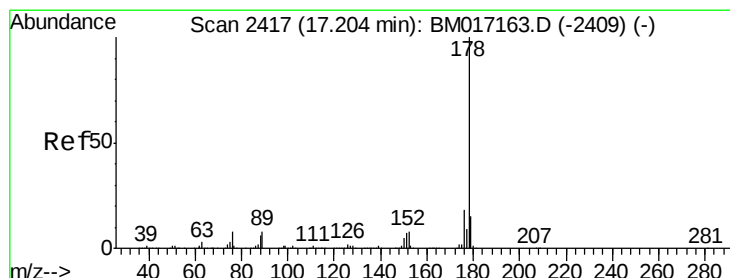
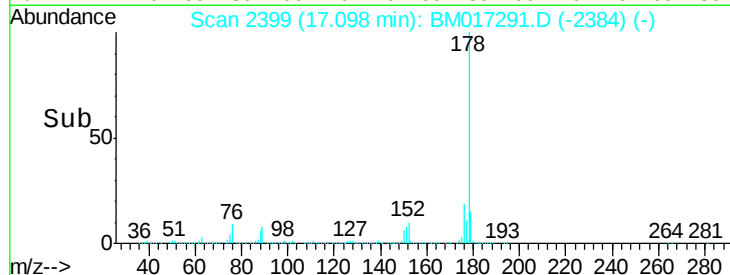
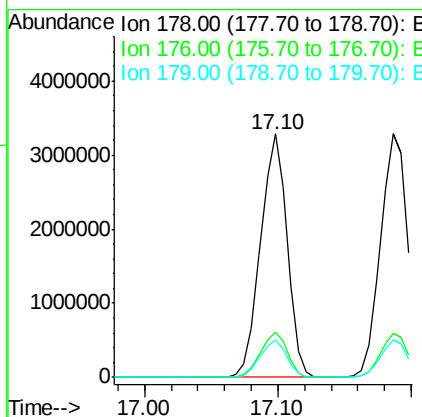
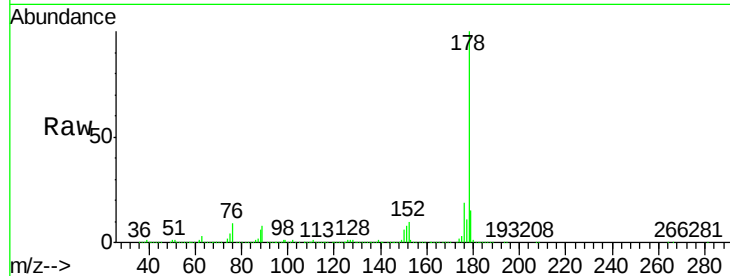
#71
Phenanthrene
Concen: 51.113 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion:178 Resp: 4506428
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.4 12.3 18.5

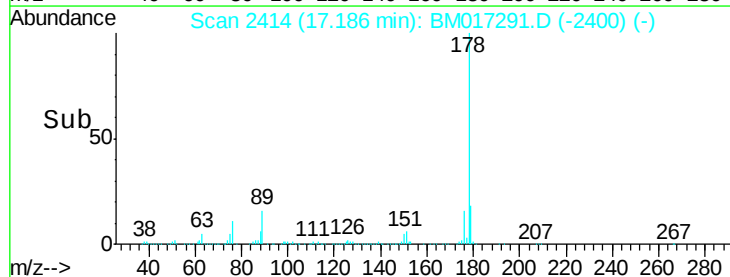
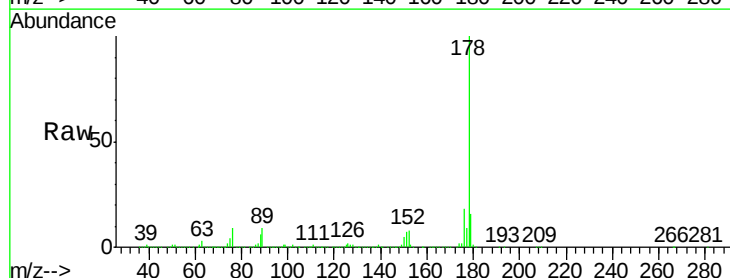
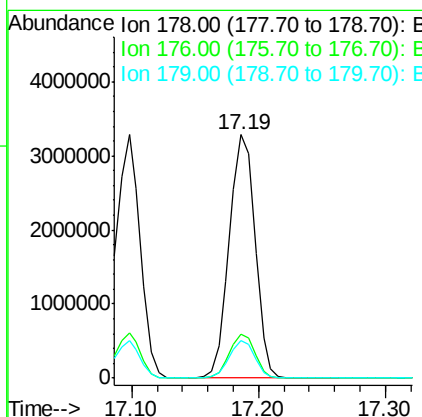
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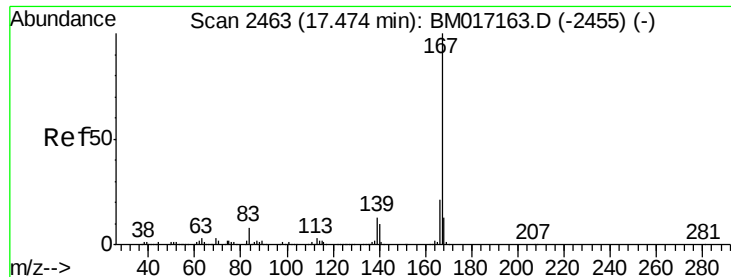
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#72
Anthracene
Concen: 55.250 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:178 Resp: 4628441
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.6 12.2 18.2





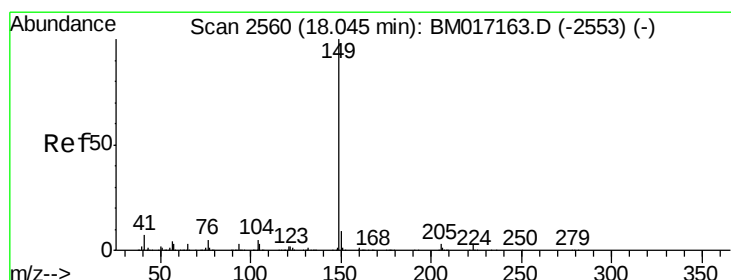
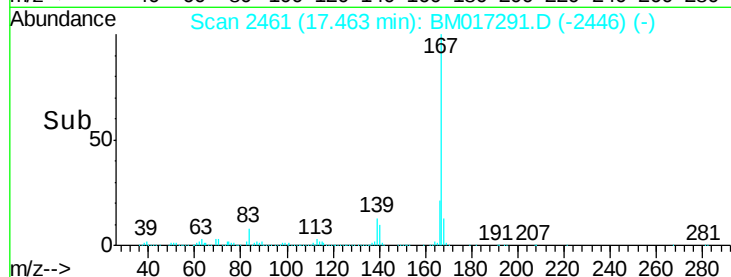
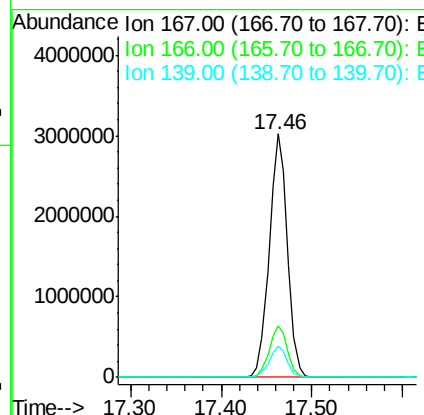
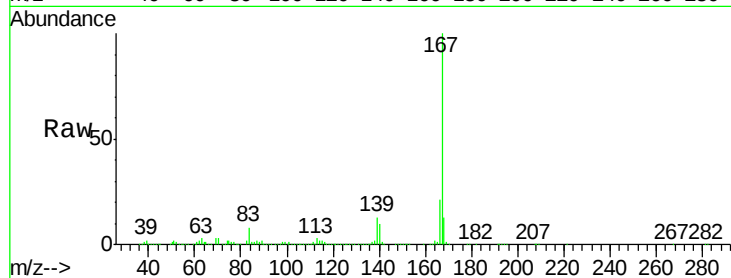
#73
 Carbazole
 Concen: 49.407 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion:167 Resp: 4227950
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.7 10.1 15.1

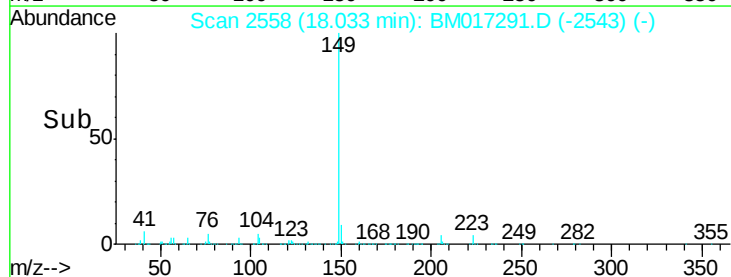
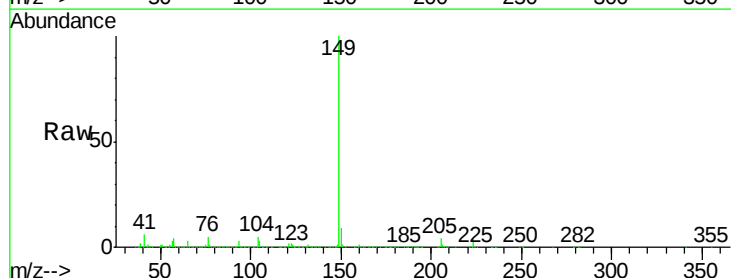
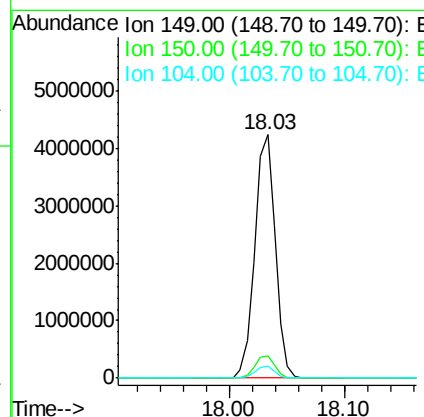
Manual Integrations
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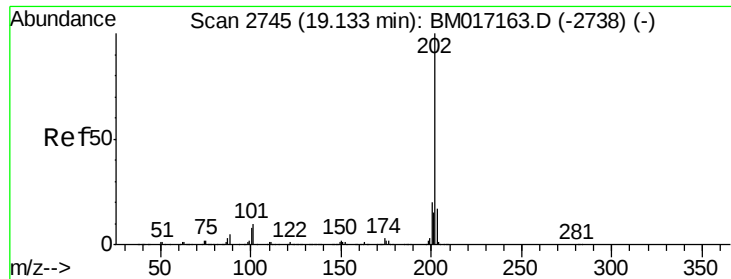
Sohil
 10/24/2018 10:57:26 AM



#74
 Di-n-butylphthalate
 Concen: 57.842 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion:149 Resp: 5220662
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 53.574 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

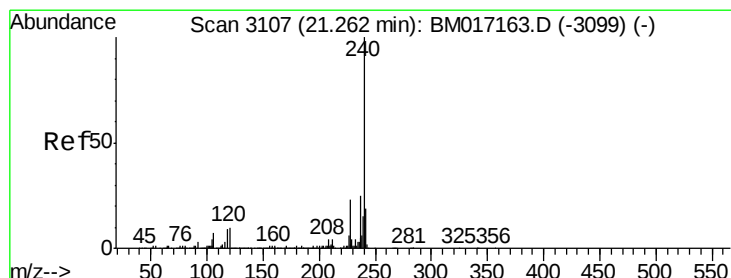
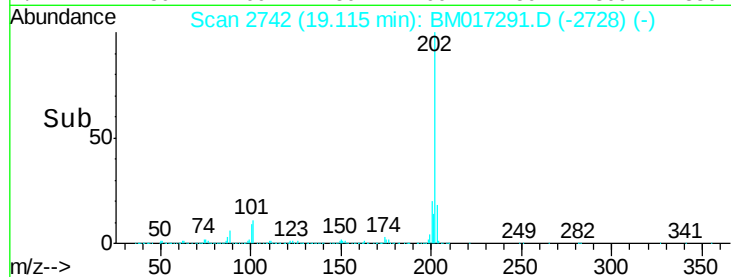
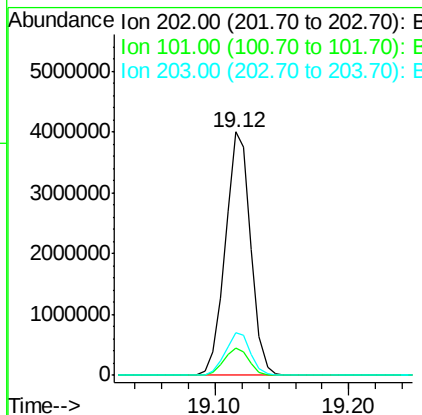
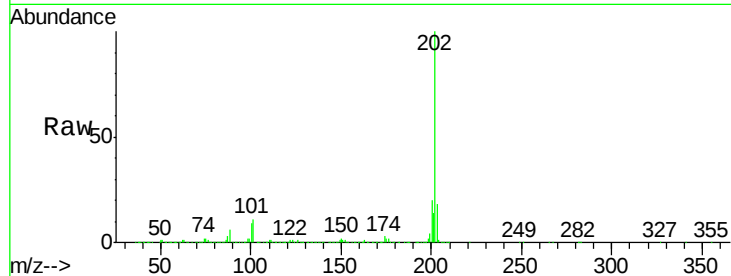
MS-VB-29736-BOX-2MS

Tgt Ion:202 Resp: 5315063

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.0
203	17.6	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

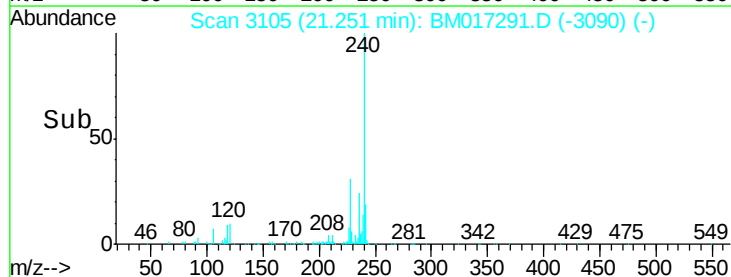
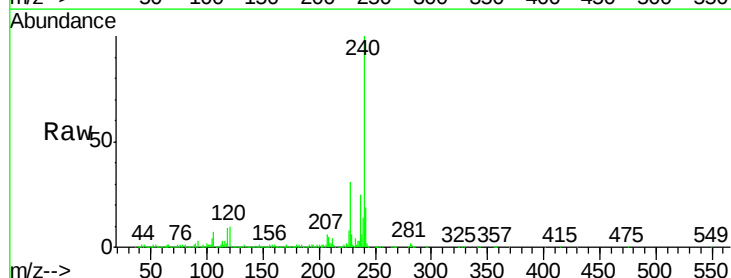
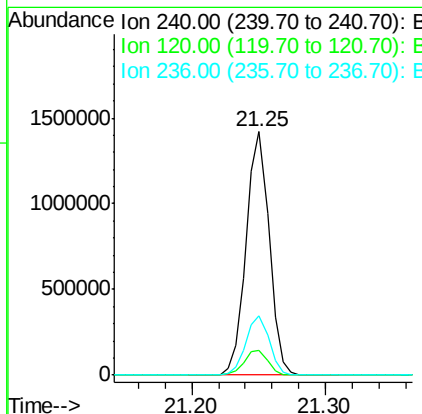
Delta R.T. -0.01 min

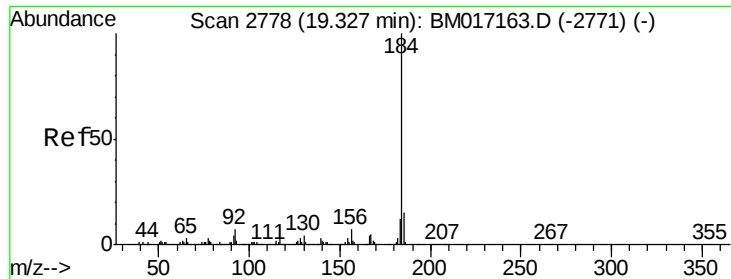
Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:240 Resp: 1692102

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	24.6	19.9	29.9





#77

Benzidine

Concen: 29.696 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:184 Resp: 1274119

Ion Ratio Lower Upper

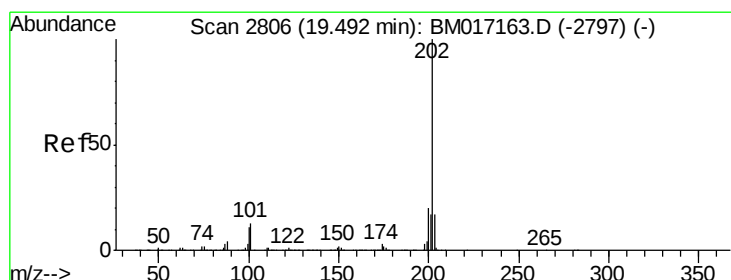
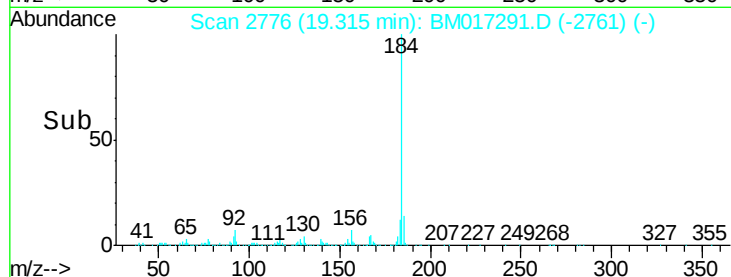
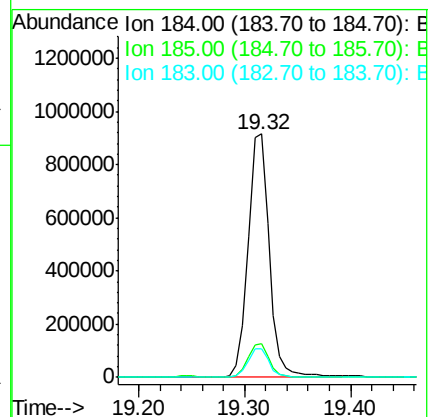
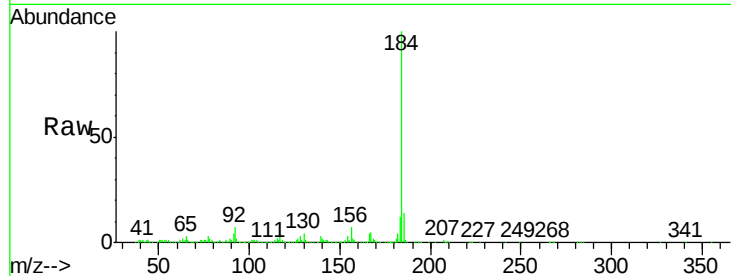
184 100

185 13.8 11.8 17.8

183 11.7 9.7 14.5

Manual Integrations
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#78

Pyrene

Concen: 57.141 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

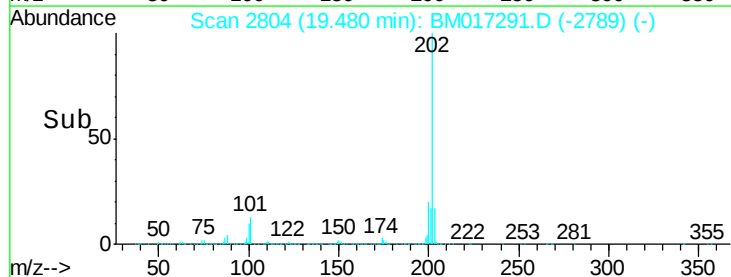
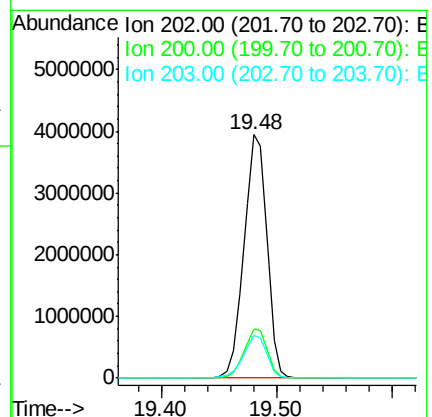
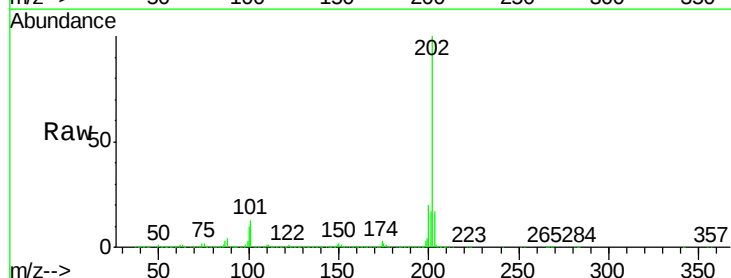
Tgt Ion:202 Resp: 5403991

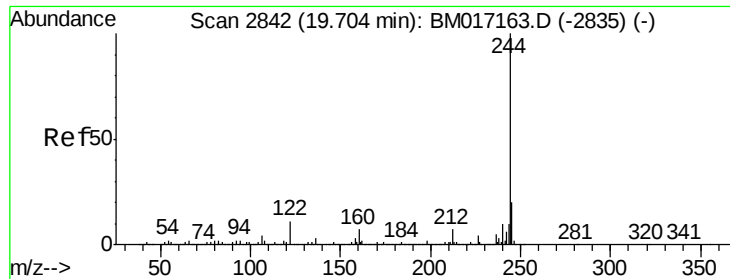
Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

203 17.5 13.9 20.9





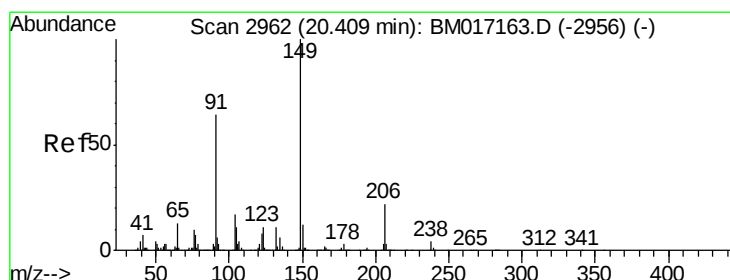
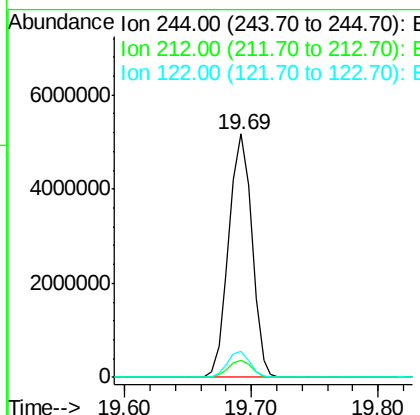
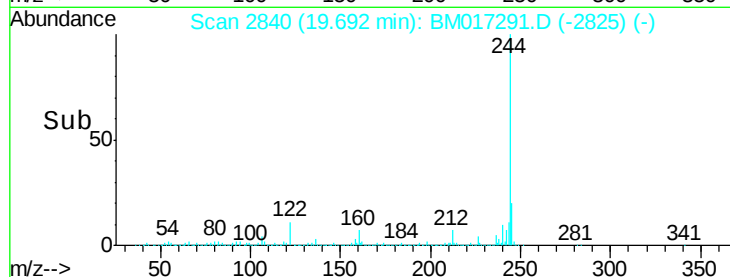
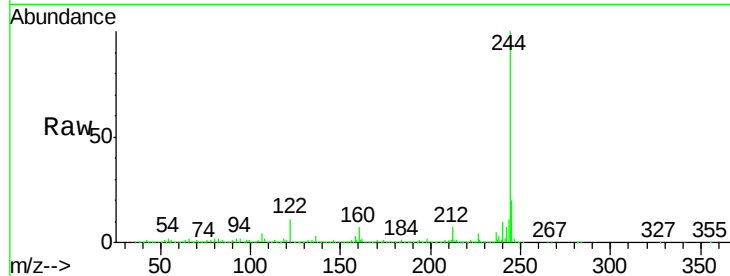
#79
 Terphenyl-d14
 Concen: 87.003 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MS

Tgt Ion:244 Resp: 6531380
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.8 8.4 12.6

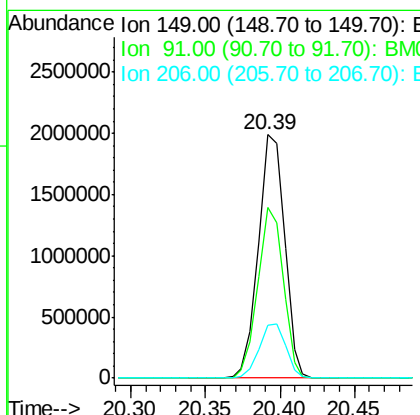
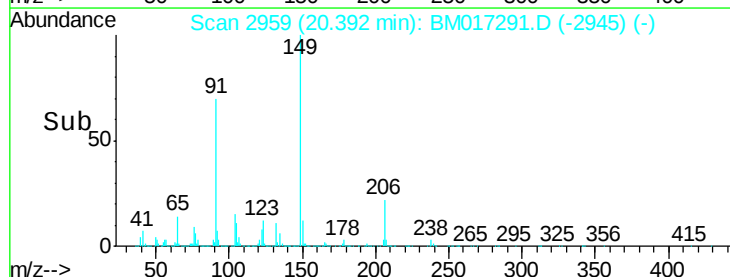
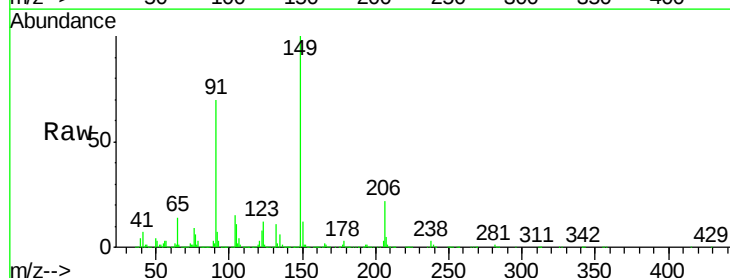
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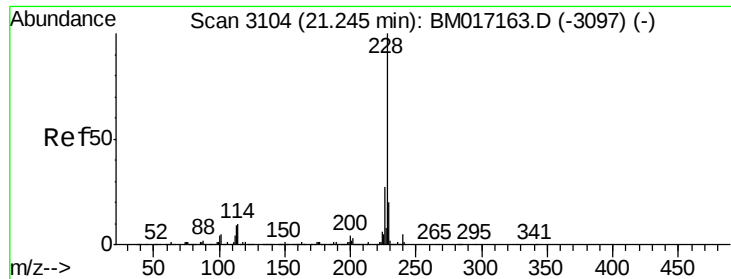
Sohil
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#80
 Butylbenzylphthalate
 Concen: 63.943 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017291.D
 Acq: 23 Oct 2018 19:02

Tgt Ion:149 Resp: 2402025
 Ion Ratio Lower Upper
 149 100
 91 69.9 51.3 76.9
 206 21.8 18.0 27.0





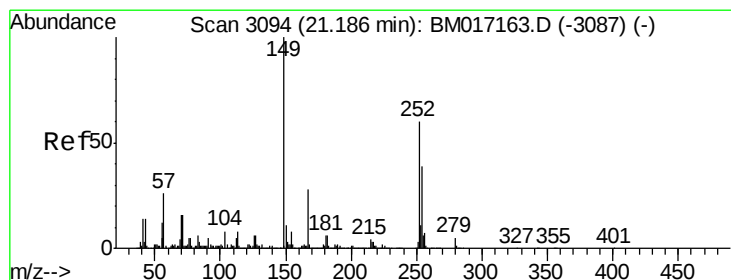
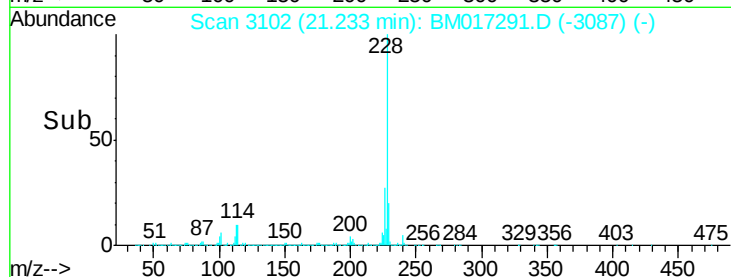
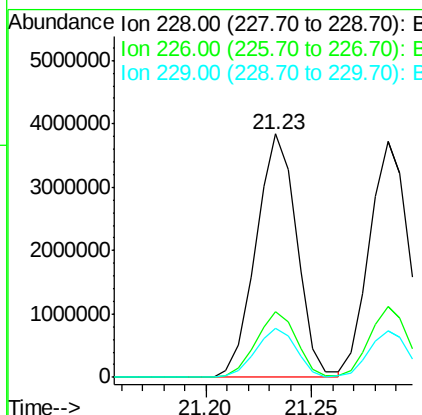
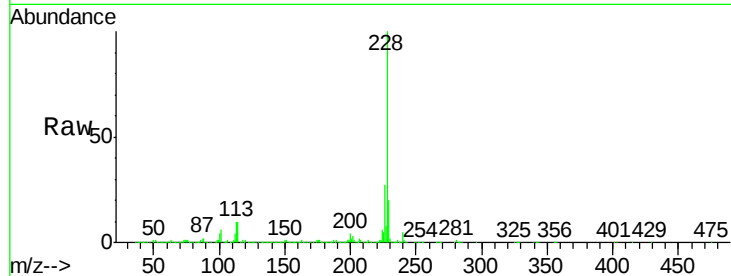
#81
Benzo(a)anthracene
Concen: 54.246 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion:228 Resp: 5165407
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.9 15.9 23.9

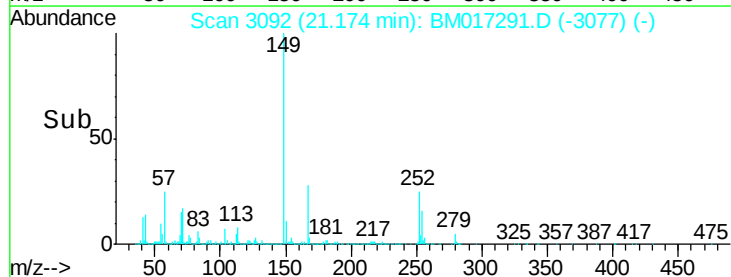
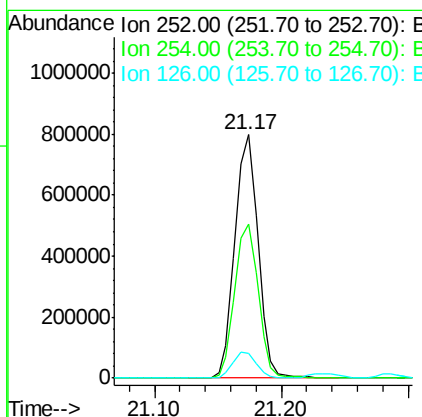
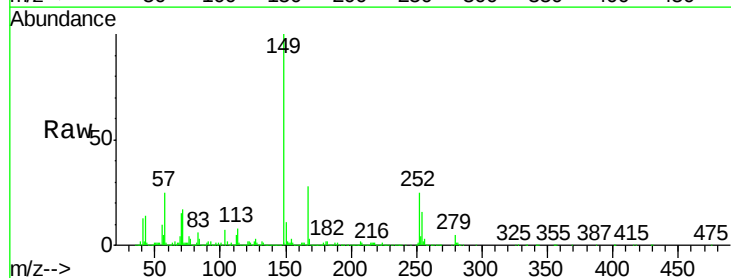
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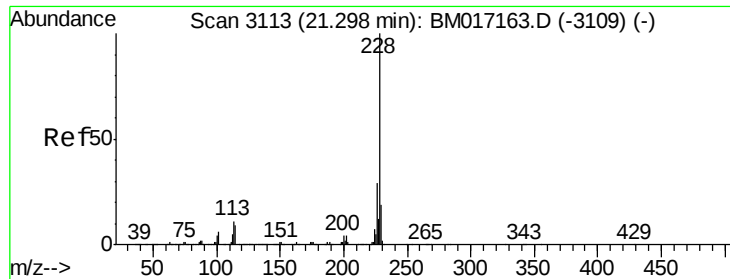
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#82
3,3'-Dichlorobenzidine
Concen: 28.537 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:252 Resp: 1012764
Ion Ratio Lower Upper
252 100
254 63.3 52.1 78.1
126 9.9 8.6 12.8





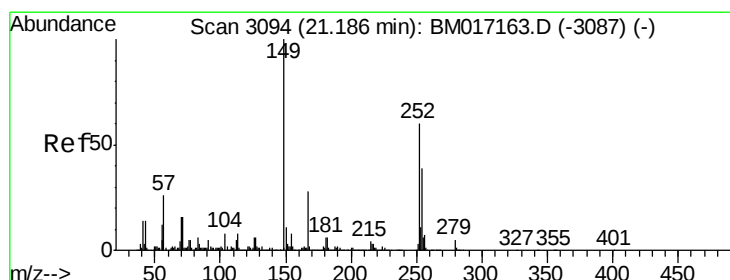
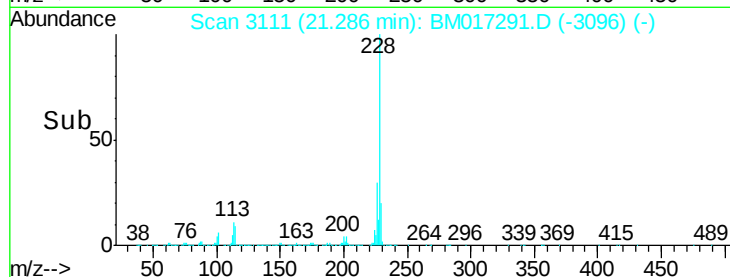
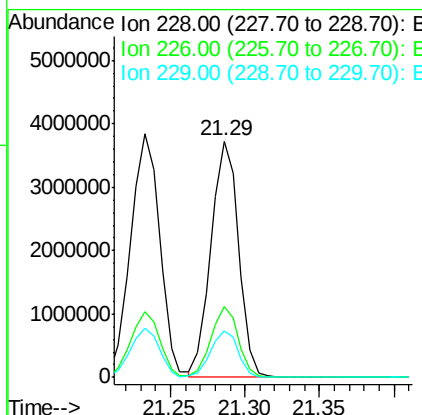
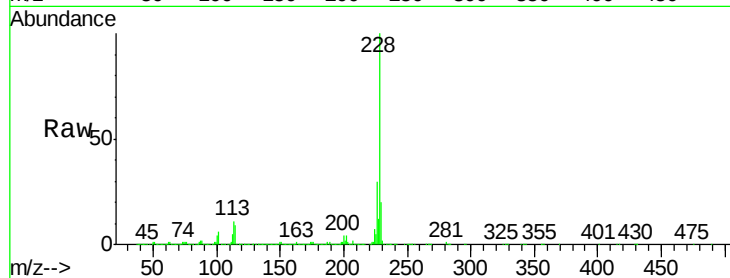
#83
Chrysene
Concen: 51.005 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion:228 Resp: 4807257
Ion Ratio Lower Upper
228 100
226 29.7 23.3 34.9
229 19.8 15.6 23.4

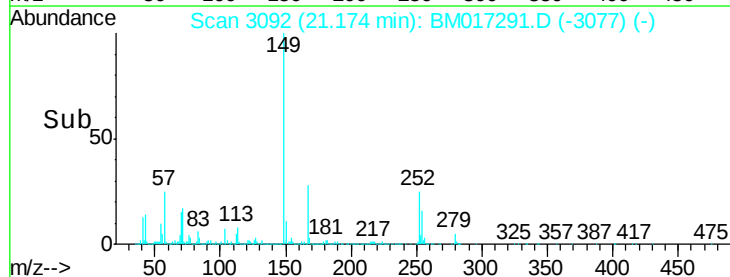
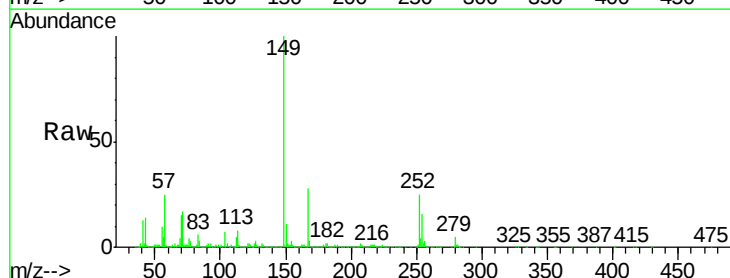
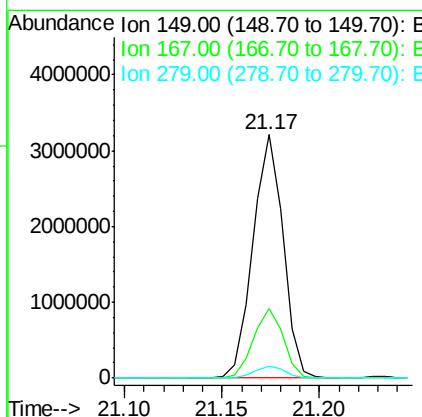
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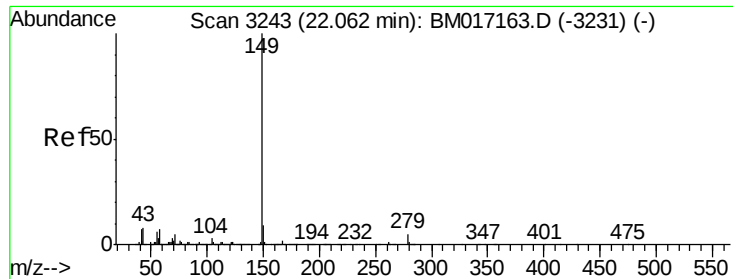
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#84
Bis(2-ethylhexyl)phthalate
Concen: 60.823 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion:149 Resp: 3436768
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 58.501 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

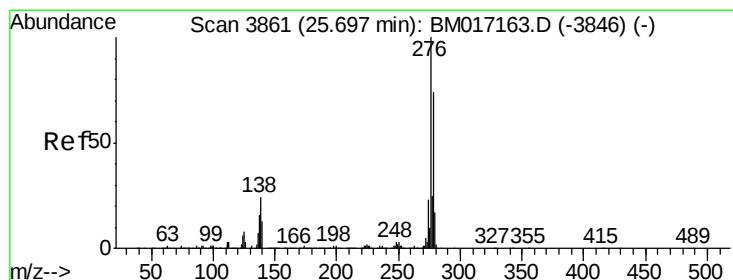
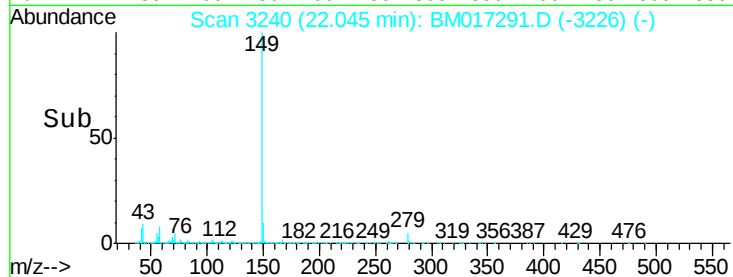
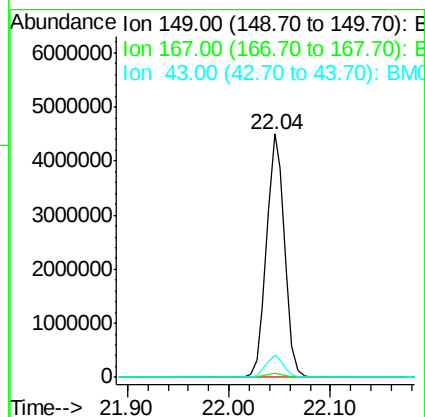
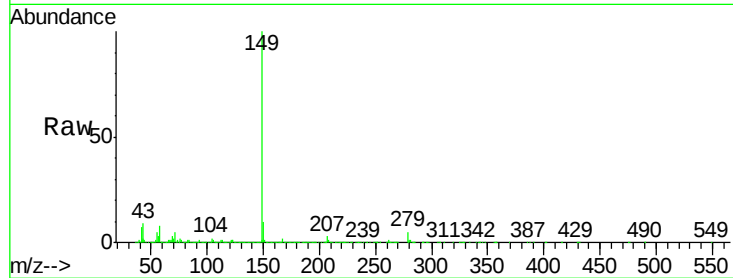
ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:	149	Resp:	5585627
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.7	7.2	10.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.054 ng

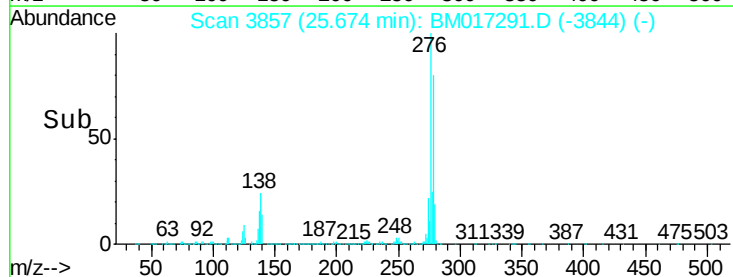
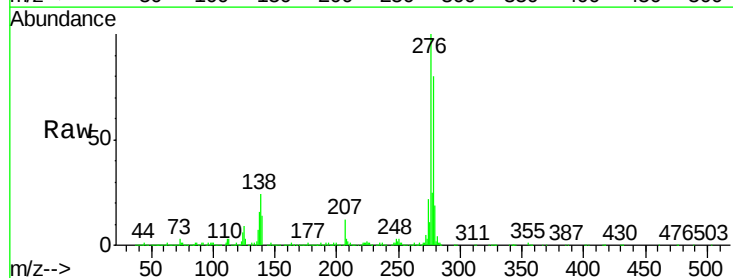
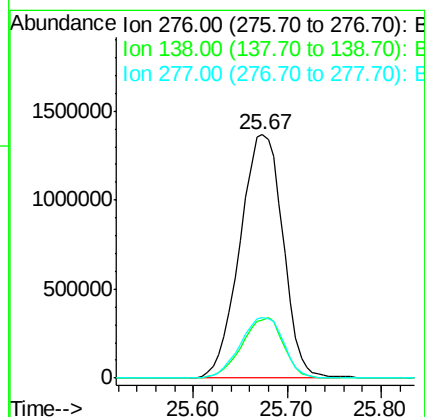
RT: 25.67 min Scan# 3857

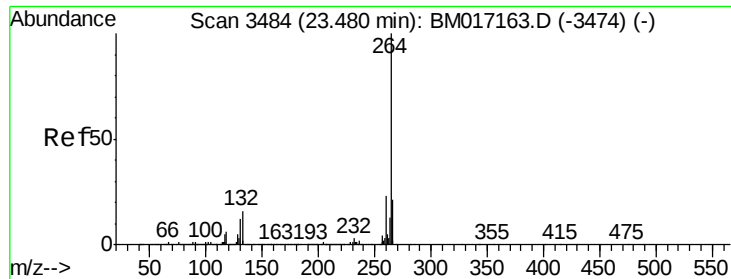
Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:	276	Resp:	4327758
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.5	29.3
277	25.1	20.1	30.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:264 Resp: 1427914

Ion Ratio Lower Upper

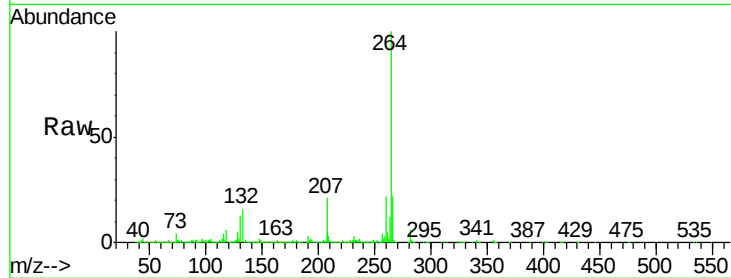
264 100

260 22.3 18.6 27.8

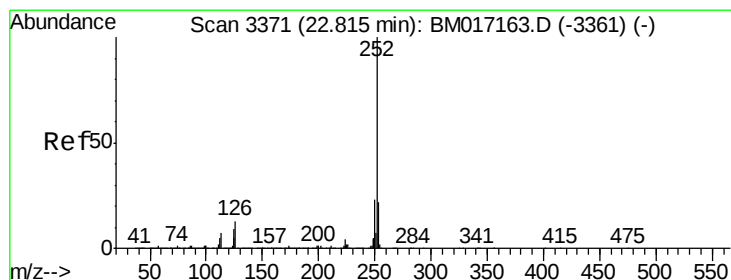
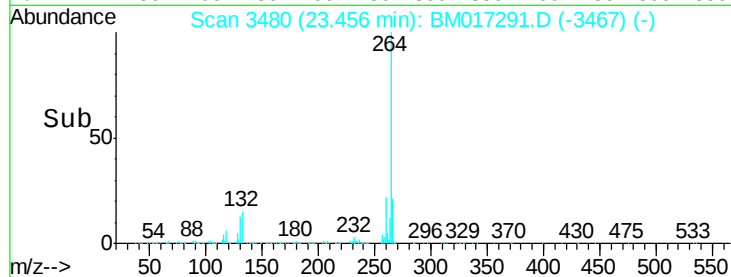
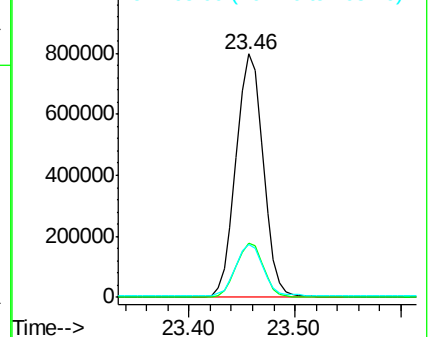
265 21.7 17.8 26.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 57.949 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Tgt Ion:252 Resp: 4524061

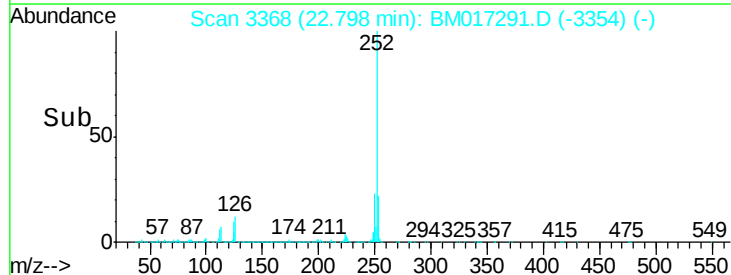
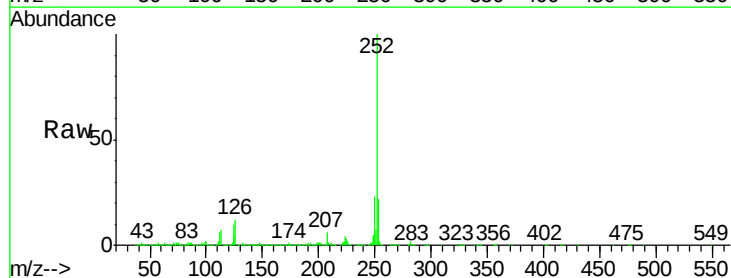
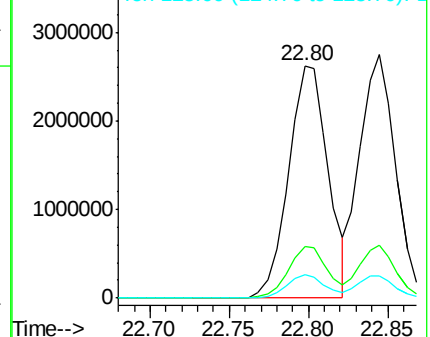
Ion Ratio Lower Upper

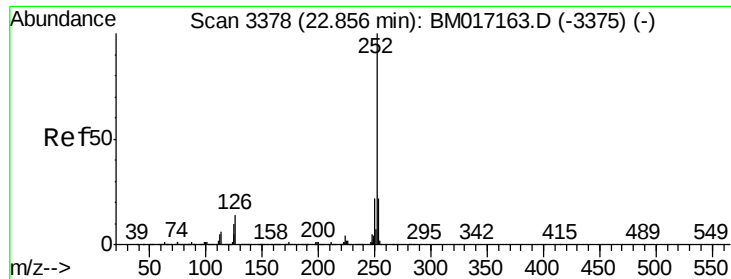
252 100

253 22.2 17.4 26.2

125 10.0 7.5 11.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





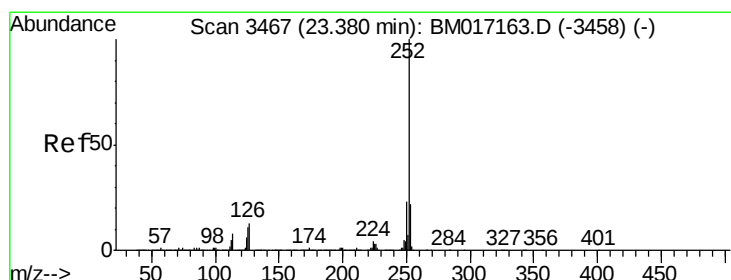
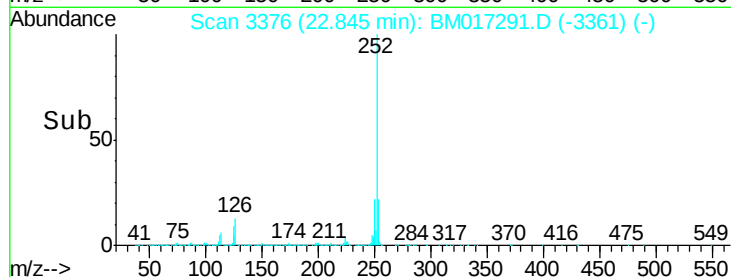
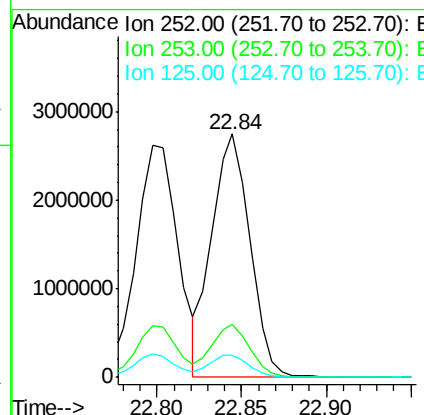
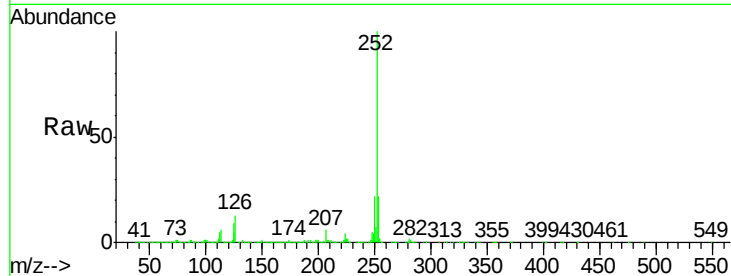
#89
Benzo(k)fluoranthene
Concen: 55.002 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.3	8.2	12.2

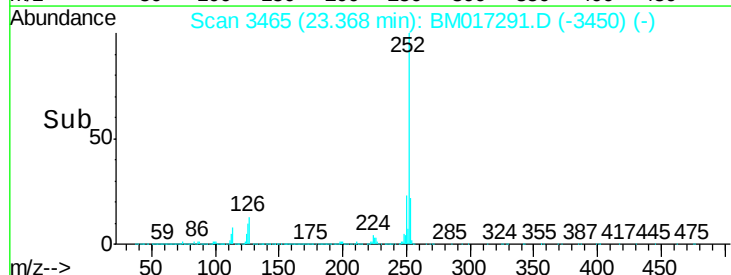
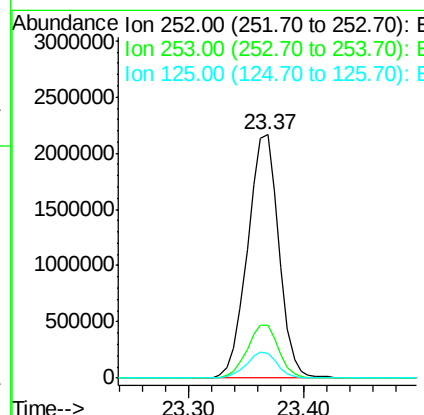
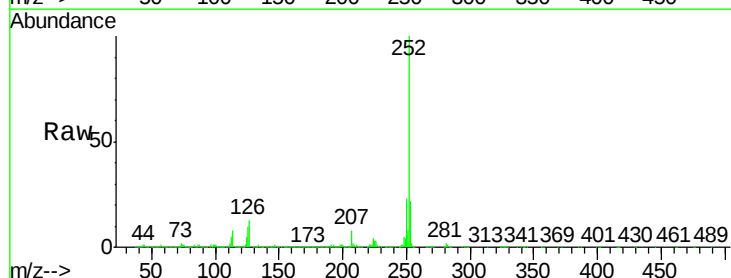
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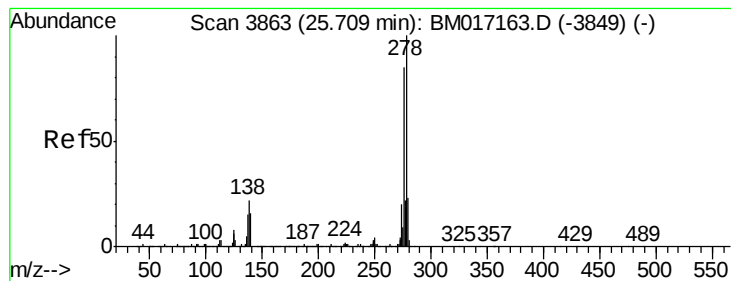
Sohil
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#90
Benzo(a)pyrene
Concen: 55.032 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017291.D
Acq: 23 Oct 2018 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.0	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.801 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MS

Tgt Ion:278 Resp: 3665506

Ion Ratio Lower Upper

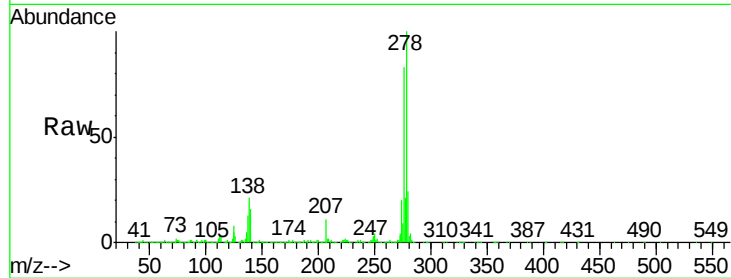
278 100

139 15.6 12.7 19.1

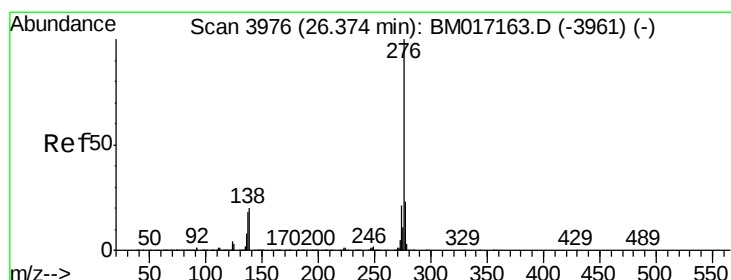
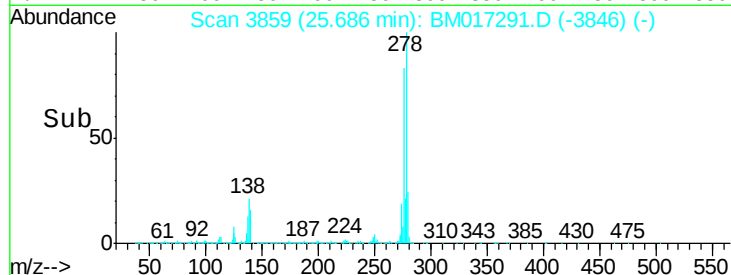
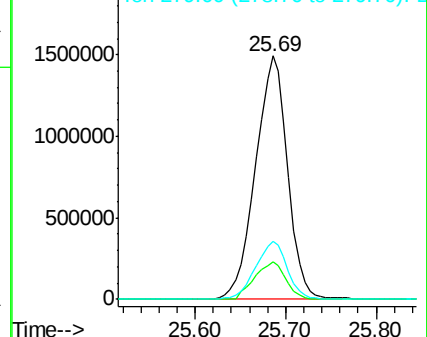
279 23.9 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/24/2018 10:57:26 AM



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



#92

Benzo(g,h,i)perylene

Concen: 49.667 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017291.D

Acq: 23 Oct 2018 19:02

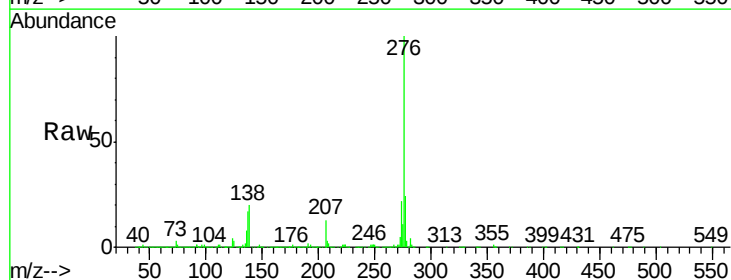
Tgt Ion:276 Resp: 3623181

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 20.0 16.4 24.6



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

