

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017366.D
 Acq On : 27 Oct 2018 01:59
 Operator : MJ/SJ
 Sample : PB114211BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Manual Integrations
 APPROVED

Sohil
 10/29/2018 2:15:08 PM

Quant Time: Oct 27 04:22:26 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	7.65	152	294504	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1304552	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	827743	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1922549	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2117254	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1959254	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1610445	92.49	ng	-0.01
7) Phenol-d6	6.84	99	2256628	95.16	ng	-0.02
23) Nitrobenzene-d5	8.81	82	2000925	89.71	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1047336	93.56	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	5109832	82.14	ng	-0.02
79) Terphenyl-d14	19.69	244	7921079	84.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	201099	22.617	ng	87
3) Pyridine	3.63	79	625884	30.593	ng	# 85
4) n-Nitrosodimethylamine	3.55	42	306253	37.289	ng	# 73
6) Aniline	6.99	93	607400	20.477	ng	97
8) 2-Chlorophenol	7.22	128	896087	44.483	ng	96
9) Benzaldehyde	6.81	77	380779	25.182	ng	96
10) Phenol	6.87	94	1129302	44.247	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	751603	36.941	ng	99
12) 1,3-Dichlorobenzene	7.54	146	829778	35.336	ng	98
13) 1,4-Dichlorobenzene	7.69	146	851307	35.483	ng	97
14) 1,2-Dichlorobenzene	8.00	146	834009	36.080	ng	99
15) Benzyl Alcohol	7.90	79	797687	46.018	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1041437	36.638	ng	98
17) 2-Methylphenol	8.10	107	773502	47.216	ng	97
18) Hexachloroethane	8.72	117	298402	36.344	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	647088	41.439	ng	98
20) 3+4-Methylphenols	8.43	107	1054635	47.069	ng	98
22) Acetophenone	8.47	105	1256927	38.009	ng	# 99
24) Nitrobenzene	8.85	77	941198	39.891	ng	96
25) Isophorone	9.37	82	1759950	47.782	ng	99
26) 2-Nitrophenol	9.55	139	481921	44.161	ng	98
27) 2,4-Dimethylphenol	9.62	122	890471	54.675	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1121471	43.259	ng	100
29) 2,4-Dichlorophenol	10.08	162	910966	48.174	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	842799	37.153	ng	99
31) Naphthalene	10.47	128	2655823	41.542	ng	99
32) Benzoic acid	9.79	122	617449	50.810	ng	95
33) 4-Chloroaniline	10.60	127	257149	9.313	ng	99
34) Hexachlorobutadiene	10.76	225	503278	35.014	ng	98
35) Caprolactam	11.40	113	302359m	43.874	ng	
36) 4-Chloro-3-methylphenol	11.73	107	1027104	48.186	ng	97
37) 2-Methylnaphthalene	12.09	142	2077706	47.493	ng	99
38) 1-Methylnaphthalene	12.32	142	1981016	46.525	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1054276	36.167	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1316904	93.449	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	773139	45.689	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	836348	46.090	ng	97
46) 1,1'-Biphenyl	13.12	154	2724120	36.571	ng	99
47) 2-Chloronaphthalene	13.16	162	2105053	38.414	ng	100
48) 2-Nitroaniline	13.38	65	661029	43.326	ng	96
49) Acenaphthylene	14.02	152	3543095	44.606	ng	99
50) Dimethylphthalate	13.77	163	2737010	42.859	ng	99
51) 2,6-Dinitrotoluene	13.89	165	616569	43.867	ng	99
52) Acenaphthene	14.36	154	2054647	41.198	ng	98
53) 3-Nitroaniline	14.22	138	300731	19.755	ng	96
54) 2,4-Dinitrophenol	14.43	184	705640	85.003	ng	97
55) Dibenzofuran	14.70	168	3320824	40.041	ng	99
56) 4-Nitrophenol	14.54	139	1533799	108.752	ng	98
57) 2,4-Dinitrotoluene	14.68	165	878627	46.510	ng	99
58) Fluorene	15.35	166	2704806	44.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	782761	47.324	ng	99
60) Diethylphthalate	15.14	149	2749532	43.415	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1367129	39.064	ng	98
62) 4-Nitroaniline	15.39	138	678547	40.740	ng	99
63) Azobenzene	15.64	77	2620385	42.568	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	513299	42.514	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2453096	42.174	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	884292	41.890	ng	96
68) Hexachlorobenzene	16.35	284	968111	39.481	ng	100
69) Atrazine	16.53	200	890477	42.774	ng	97
70) Pentachlorophenol	16.70	266	1211028	72.095	ng	99
71) Phenanthrene	17.09	178	4384555	42.270	ng	99
72) Anthracene	17.18	178	4477201	45.426	ng	99
73) Carbazole	17.46	167	4088260	40.607	ng	100
74) Di-n-butylphthalate	18.03	149	4760187	44.828	ng	99
75) Fluoranthene	19.12	202	5111260	43.790	ng	99
77) Benzidine	19.31	184	1903531	35.457	ng	98
78) Pyrene	19.47	202	5195523	43.905	ng	99
80) Butylbenzylphthalate	20.39	149	2217122	49.052	ng	97
81) Benzo(a)anthracene	21.23	228	5246178	44.031	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1112618	25.055	ng	98
83) Chrysene	21.29	228	4925485	41.766	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3119208	45.576	ng	100
85) Di-n-octyl phthalate	22.04	149	5505500	47.266	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	4616431	34.998	ng	100
88) Benzo(b)fluoranthene	22.80	252	4963589	46.337	ng	99
89) Benzo(k)fluoranthene	22.84	252	4899371	45.581	ng	99
90) Benzo(a)pyrene	23.36	252	4603300	45.260	ng	100
91) Dibenzo(a,h)anthracene	25.67	278	3971147	39.322	ng	99
92) Benzo(g,h,i)perylene	26.34	276	3607043	36.036	ng	100

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

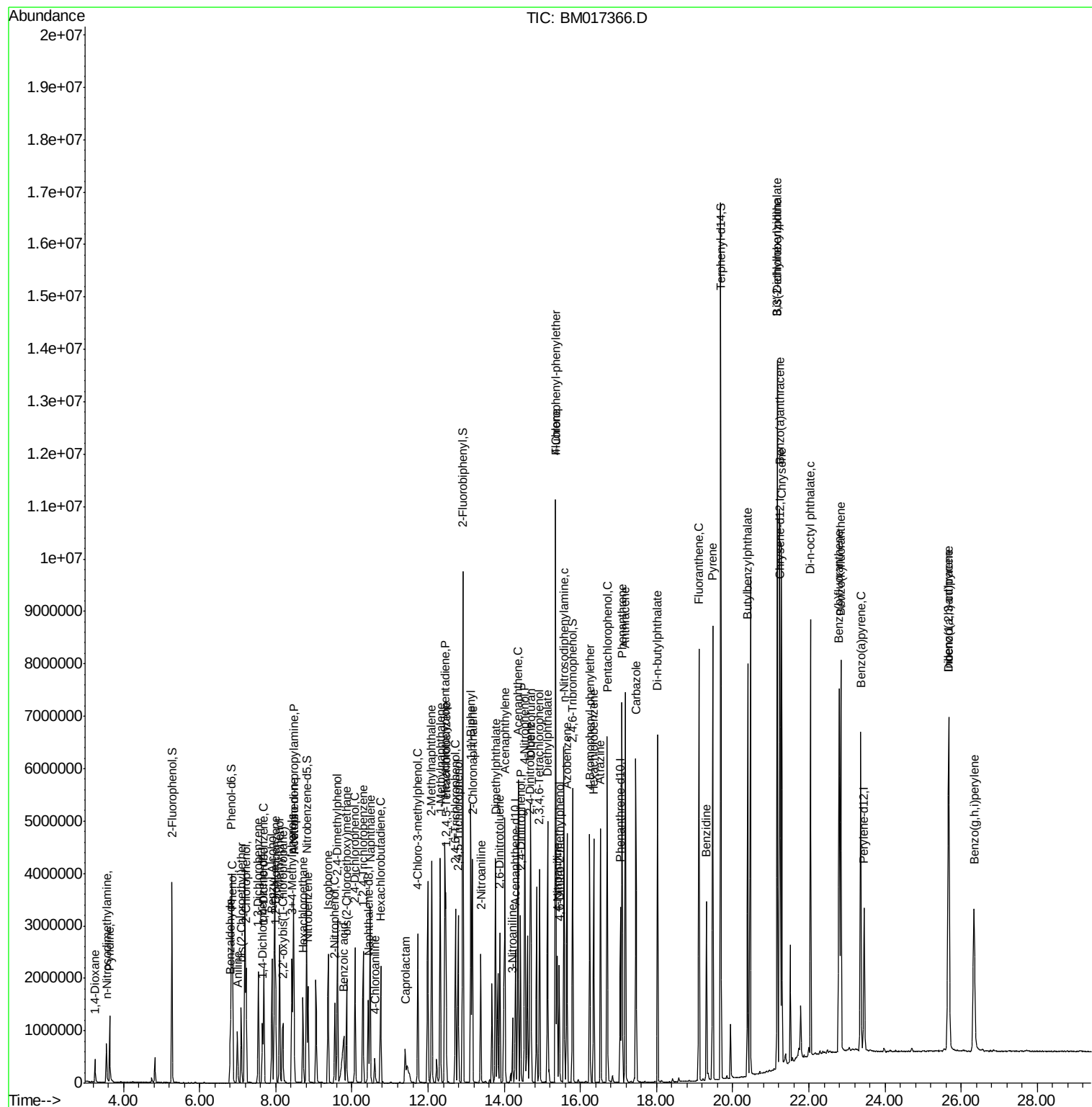
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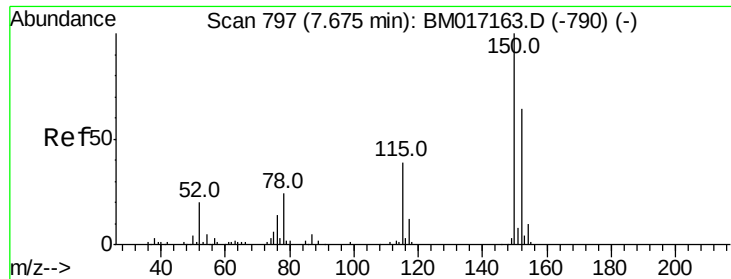
Instrument :
BNA_M
ClientSampleId :
PB114211BS

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#1

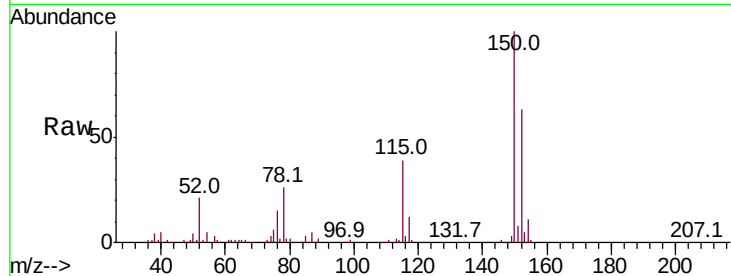
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.3	186.5
115	60.9	48.1	72.1

Manual Integrations
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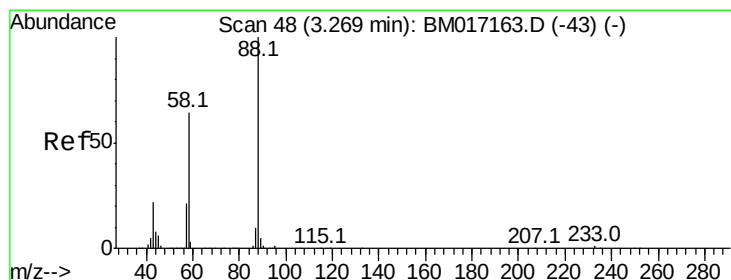
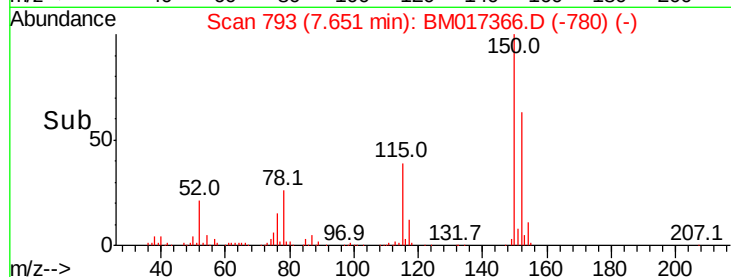
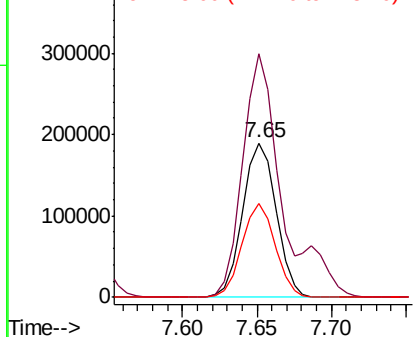


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

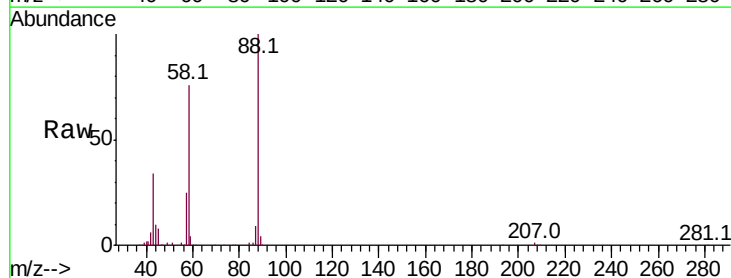
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.617 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	50.2	75.4
43	28.3	19.3	28.9

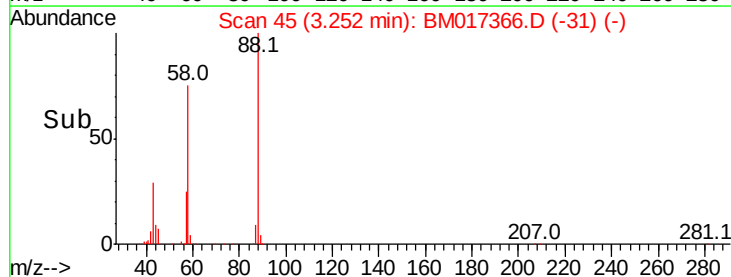
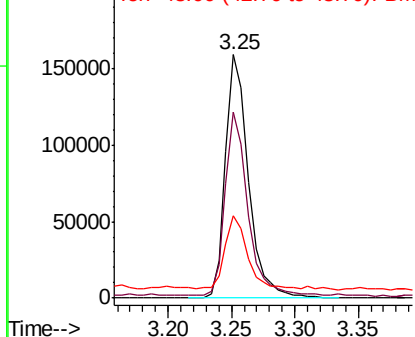


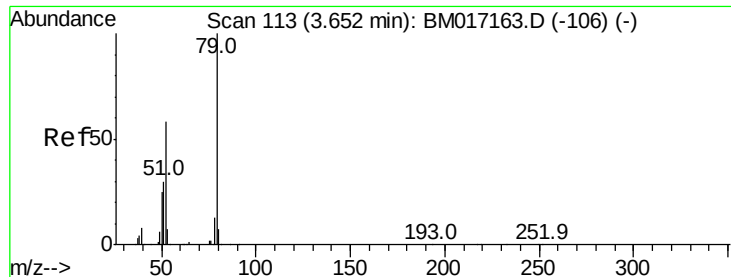
Abundance

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

Pvridine

Concen: 30.593 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

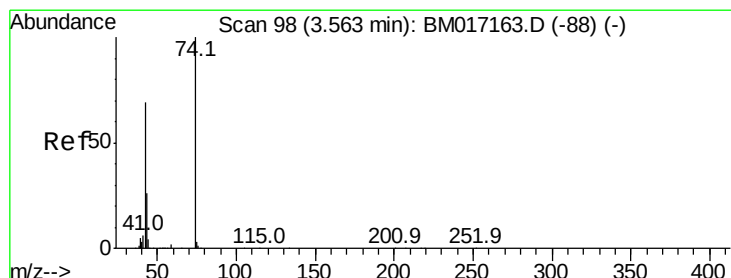
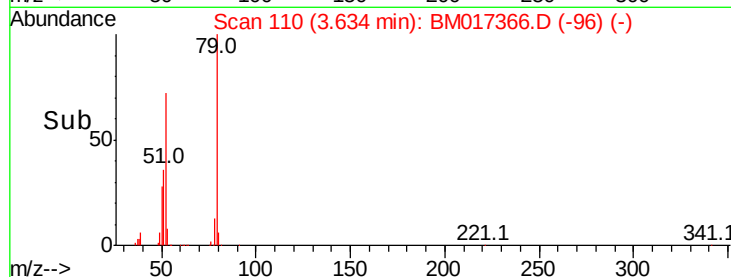
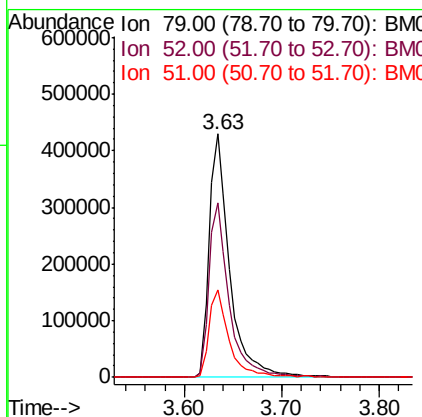
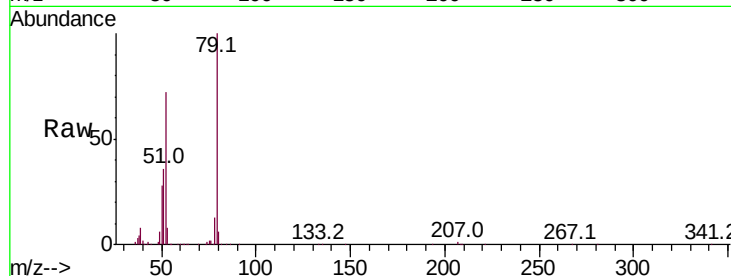
ClientSampleId :

PB114211BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.8	46.5	69.7#
51	36.0	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 37.289 ng

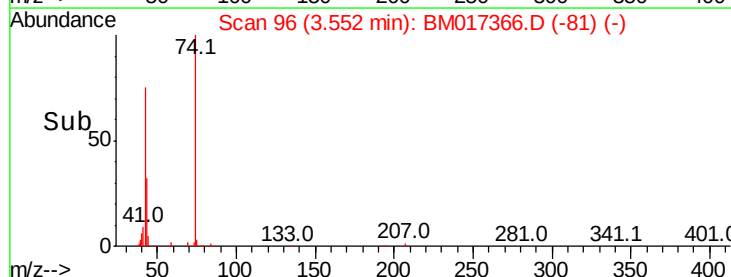
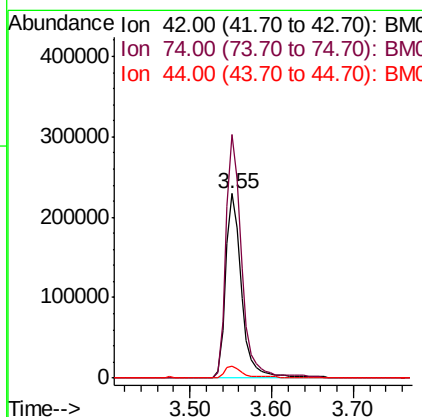
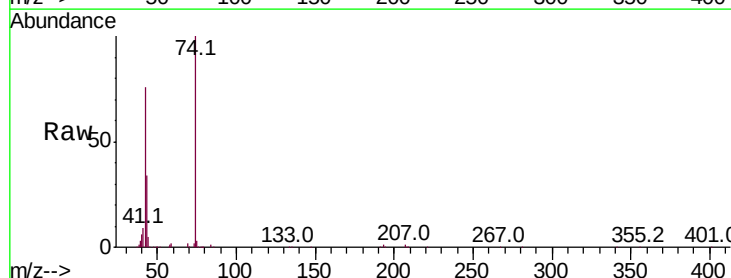
RT: 3.55 min Scan# 96

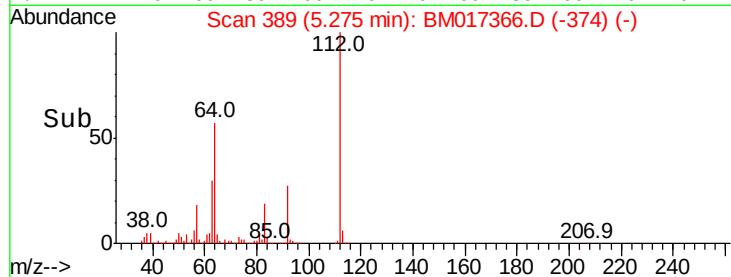
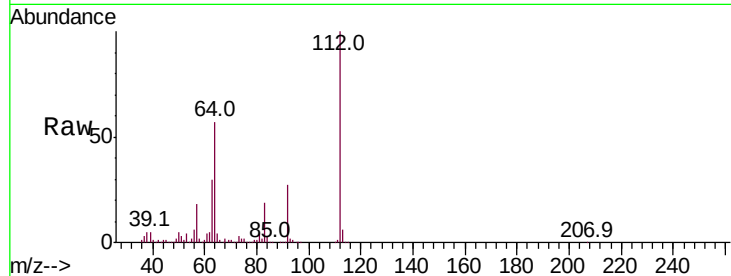
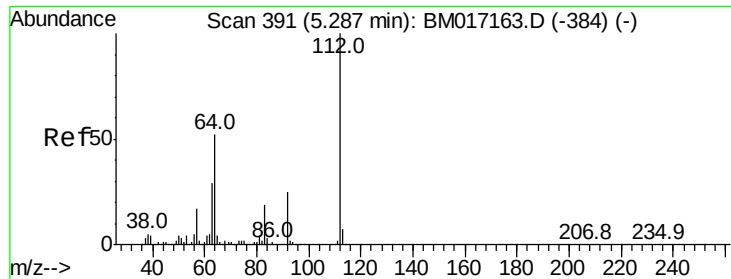
Delta R.T. -0.01 min

Lab File: BM017366.D

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Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.2	114.4	171.6
44	6.8	48.6	73.0#





#5

2-Fluorophenol

Concen: 92.488 ng

RT: 5.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tot Ion:	112	Resp:	1610445
Ion	Ratio	Lower	Upper
112	100		
64	57.2	41.7	62.5
63	29.5	23.0	34.4

Instrument :

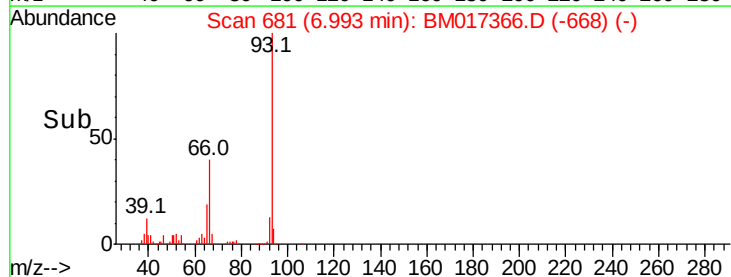
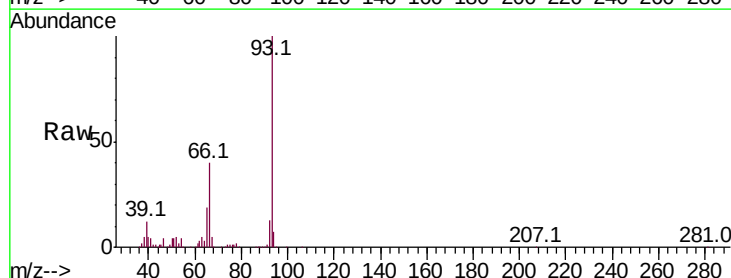
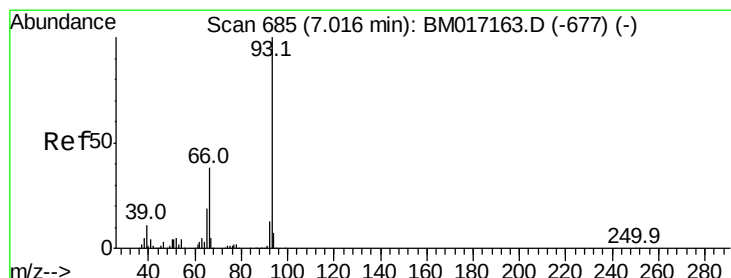
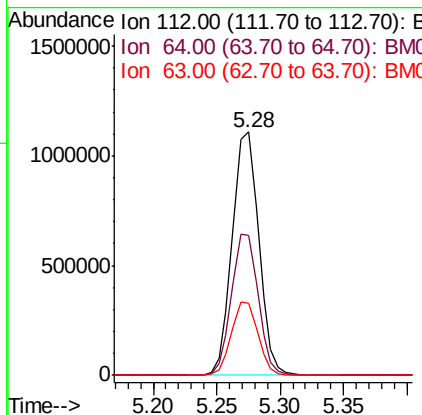
BNA_M

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#6

Aniline

Concen: 20.477 ng

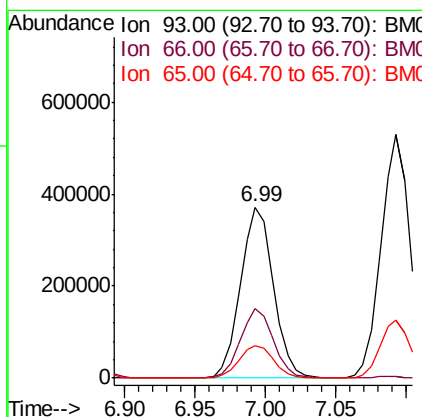
RT: 6.99 min Scan# 681

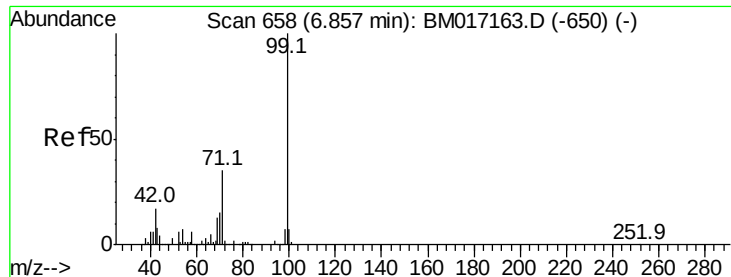
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion:	93	Resp:	607400
Ion	Ratio	Lower	Upper
93	100		
66	40.4	30.4	45.6
65	19.2	15.3	22.9





#7

Phenol-d6

Concen: 95.157 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion: 99 Resp: 2256628

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

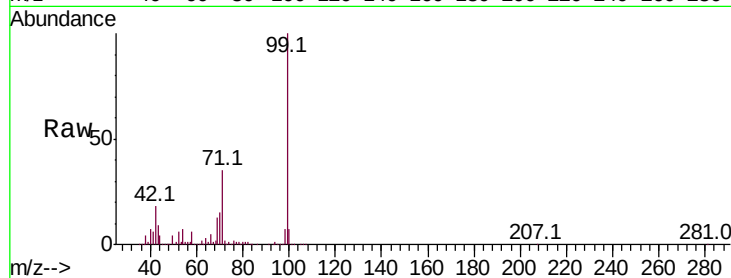
71 35.4 28.0 42.0

Manual Integrations

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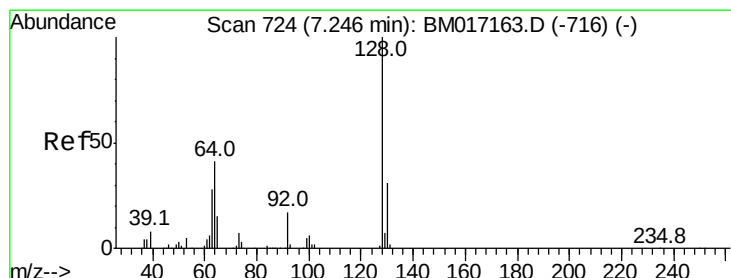
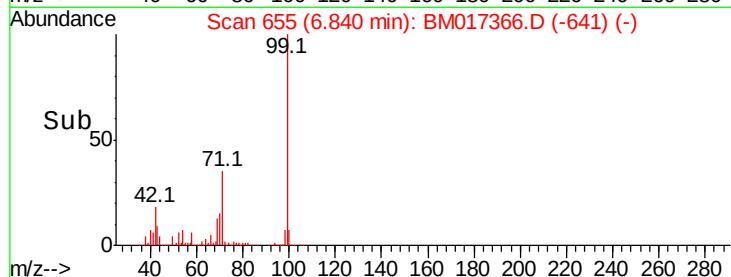
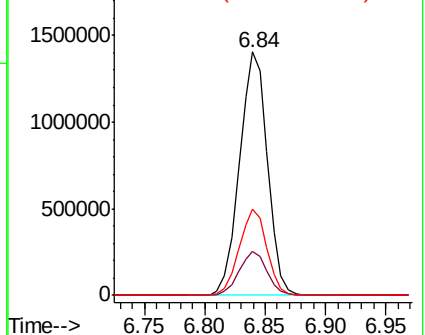
10/29/2018 2:15:08 PM



Abundance Ion 99.00 (98.70 to 99.70): BM017366.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017366.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017366.D (-641) (-)



#8

2-Chlorophenol

Concen: 44.483 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

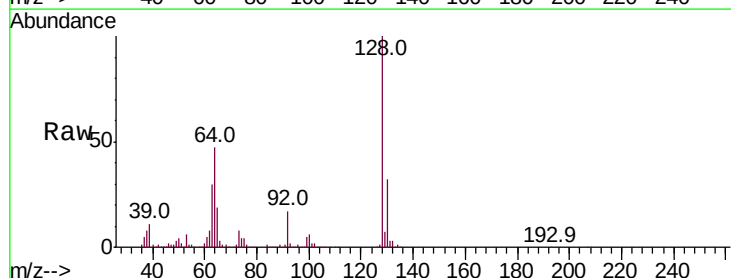
Tgt Ion: 128 Resp: 896087

Ion Ratio Lower Upper

128 100

130 32.2 11.0 51.0

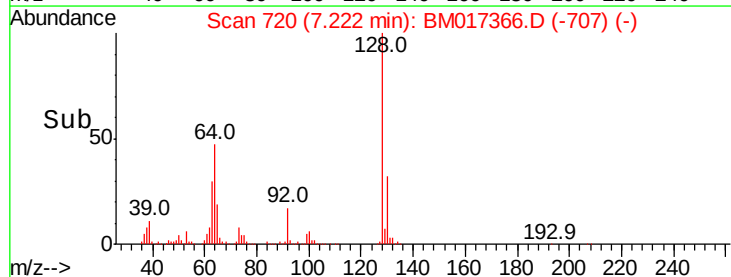
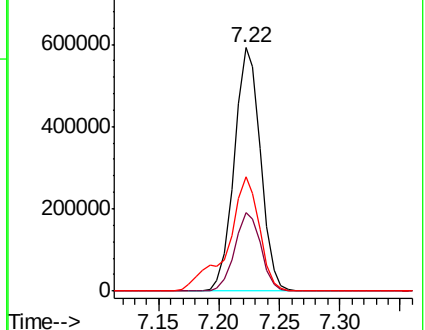
64 47.1 24.1 64.1

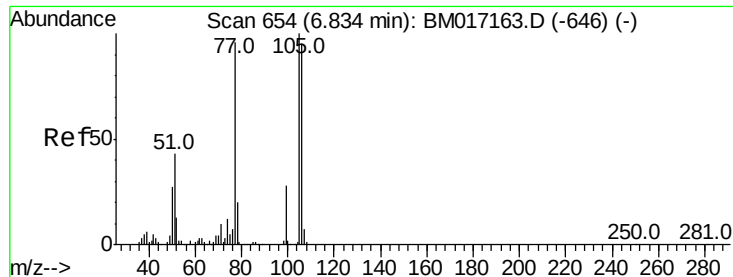


Abundance Ion 128.00 (127.70 to 128.70): BM017366.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017366.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017366.D (-707) (-)





#9

Benzaldehyde

Concen: 25.182 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

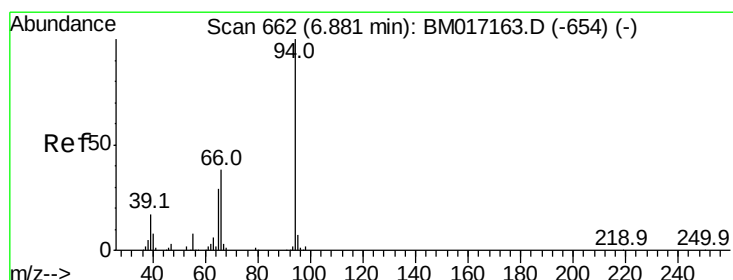
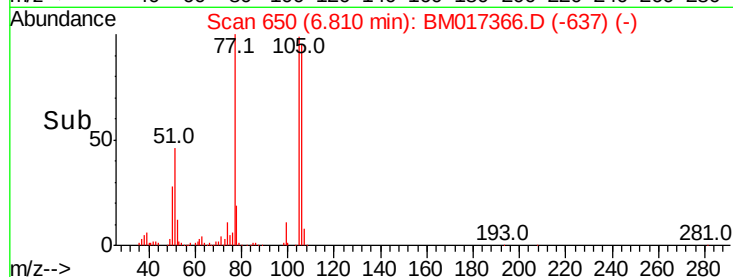
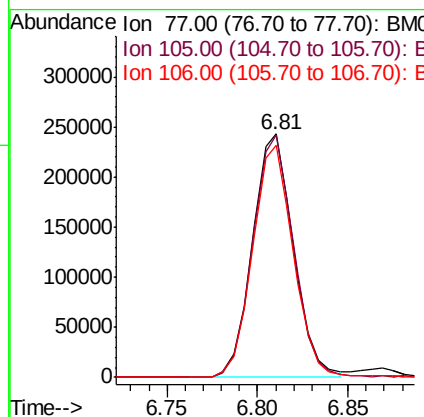
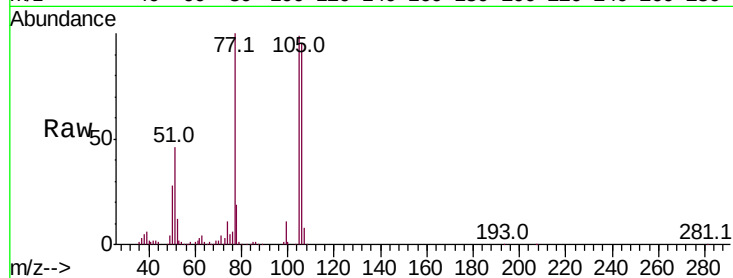
ClientSampleId :

PB114211BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.4	83.9	123.9
106	95.5	78.2	118.2

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#10

Phenol

Concen: 44.247 ng

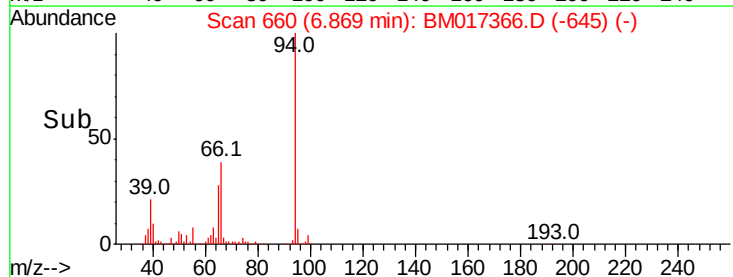
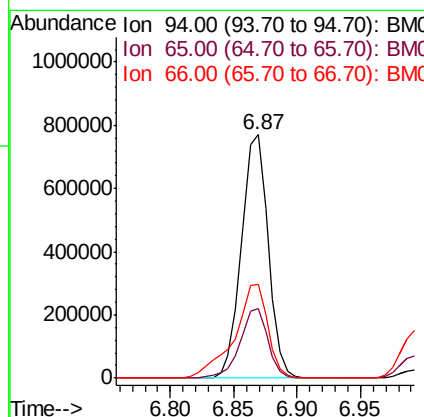
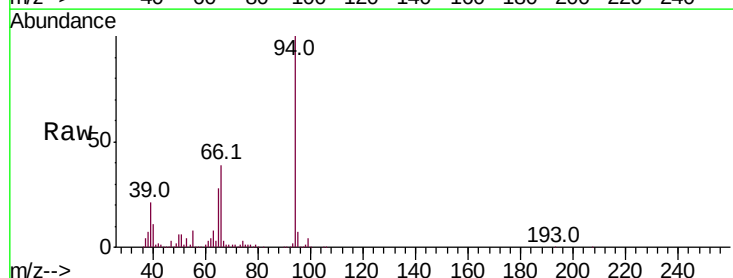
RT: 6.87 min Scan# 660

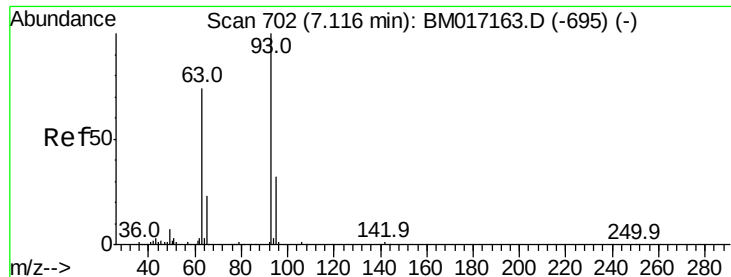
Delta R.T. -0.01 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.4	49.4
66	38.7	19.0	59.0





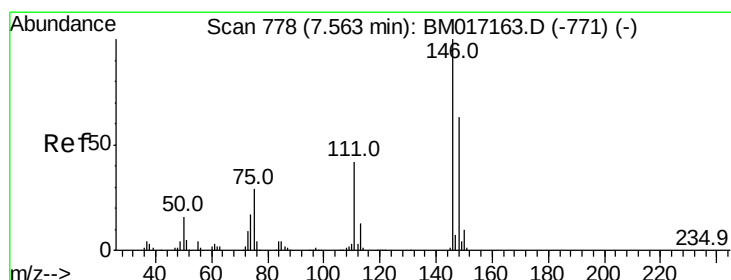
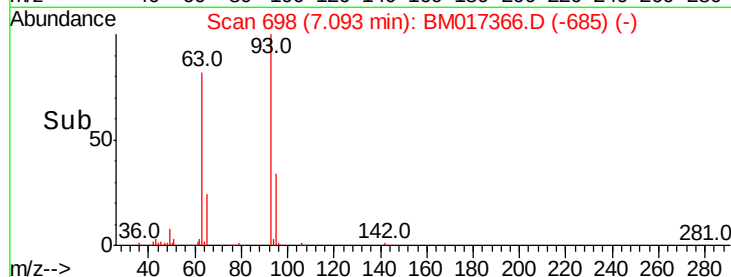
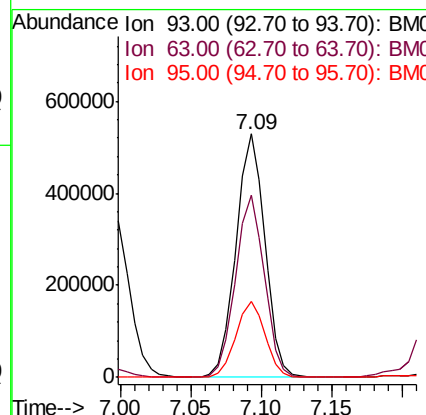
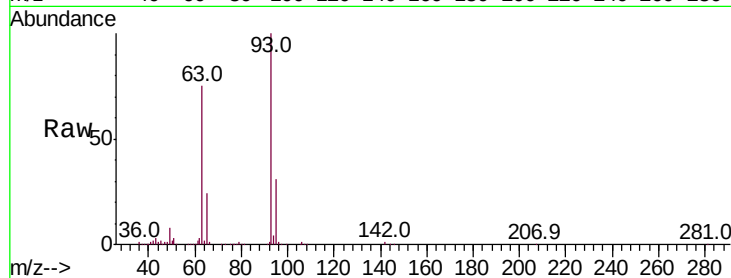
#11
bis(2-Chloroethyl)ether
Concen: 36.941 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	54.0	94.0
95	31.1	11.8	51.8

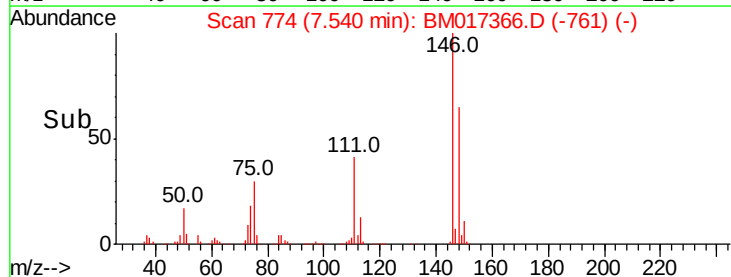
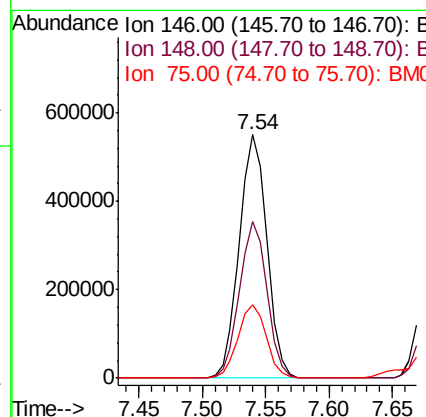
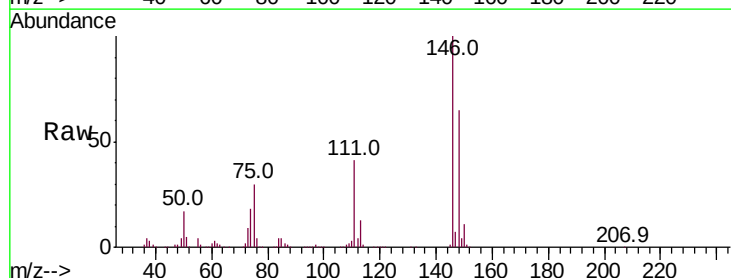
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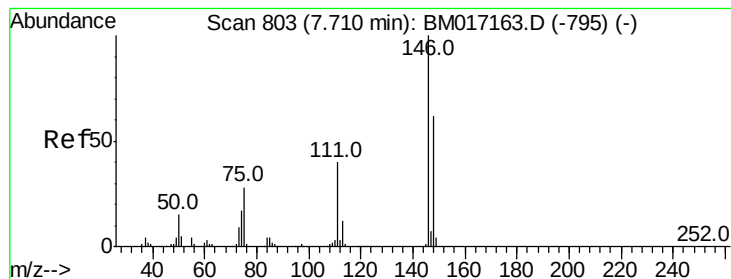
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#12
1,3-Dichlorobenzene
Concen: 35.336 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.2	75.4
75	30.3	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 35.483 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

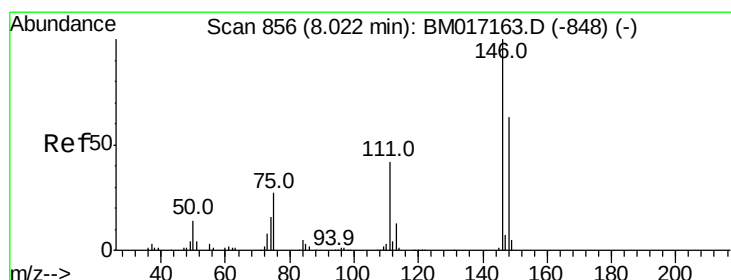
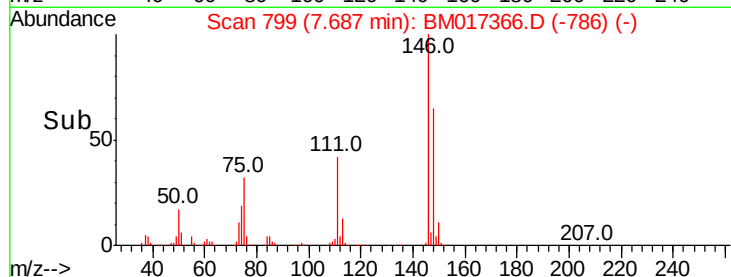
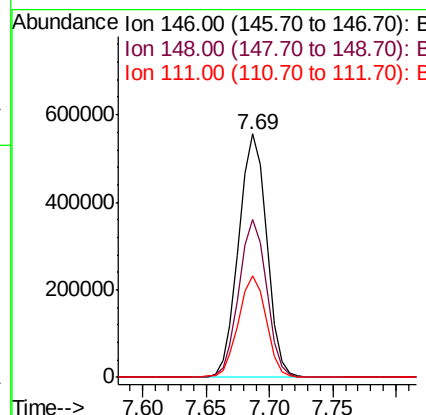
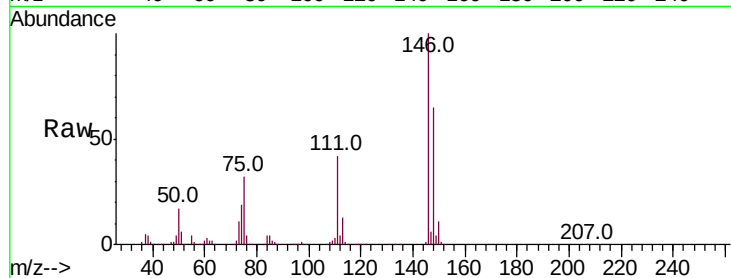
ClientSampleId :

PB114211BS

Tot Ion:	146	Resp:	851307
Ion Ratio	Lower	Upper	
146	100		
148	64.9	49.8	74.6
111	41.8	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 36.080 ng

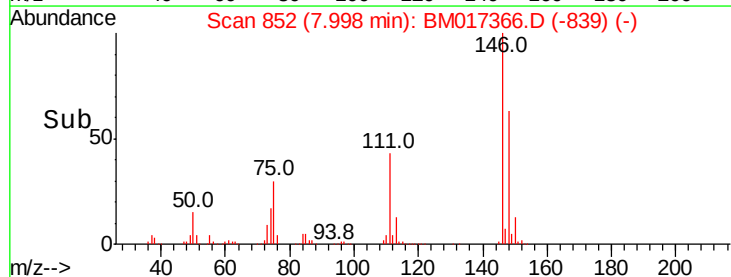
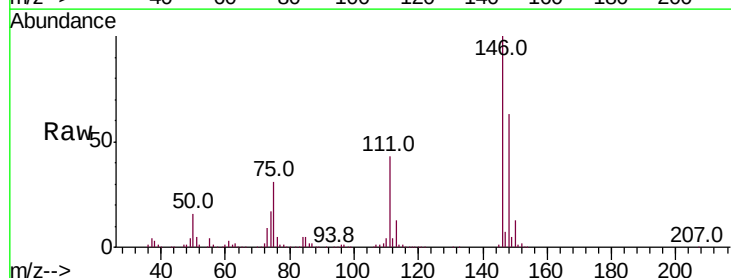
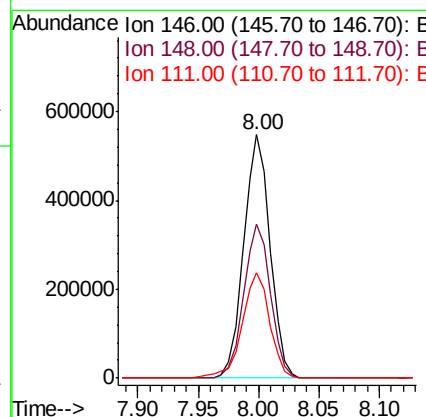
RT: 8.00 min Scan# 852

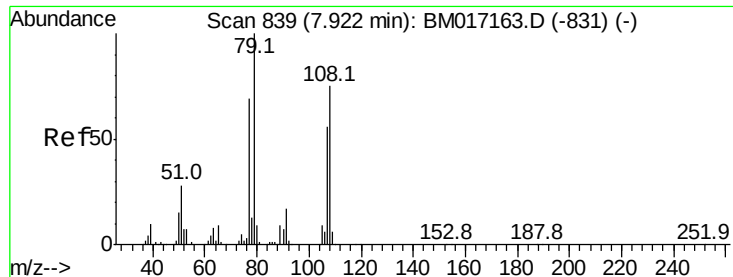
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion:	146	Resp:	834009
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
111	43.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 46.018 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

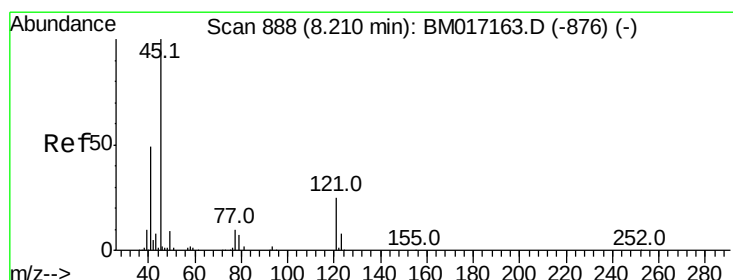
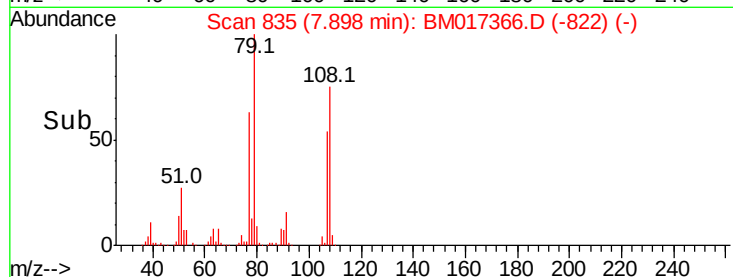
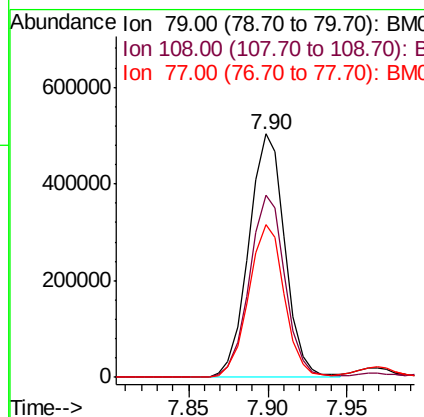
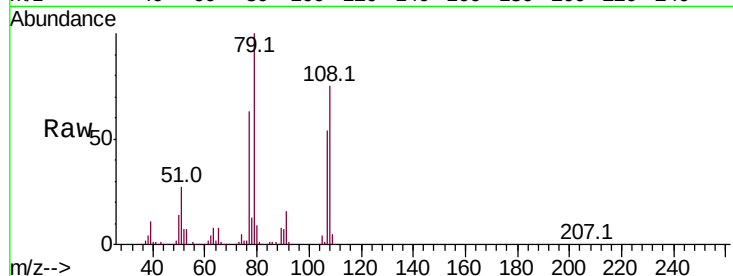
ClientSampleId :

PB114211BS

Tot Ion:	79	Resp:	797687
Ion Ratio	Lower	Upper	
79	100		
108	75.0	60.3	90.5
77	63.0	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.638 ng

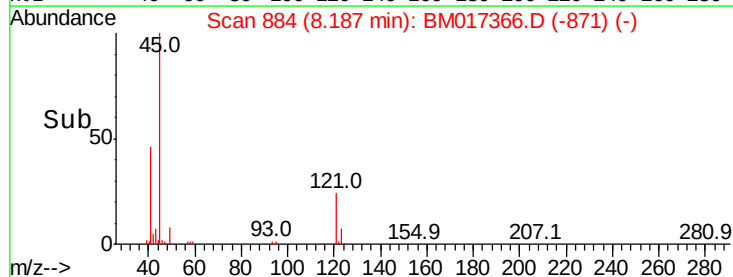
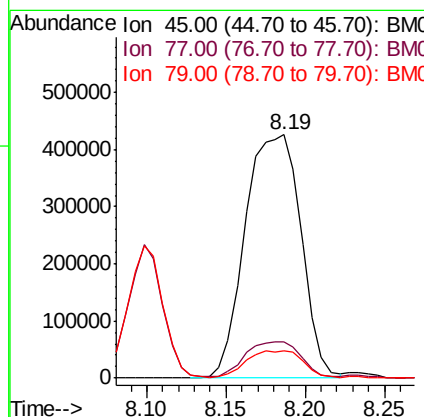
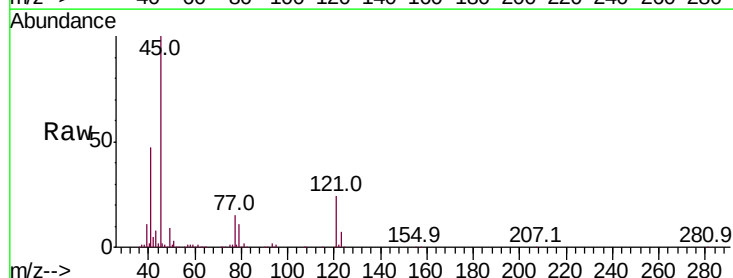
RT: 8.19 min Scan# 884

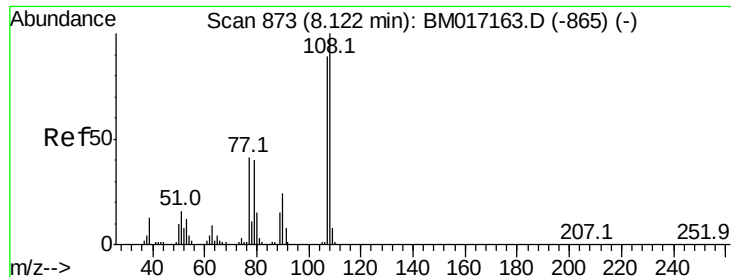
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion:	45	Resp:	1041437
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.5
79	11.3	0.0	32.1





#17

2-Methylphenol

Concen: 47.216 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

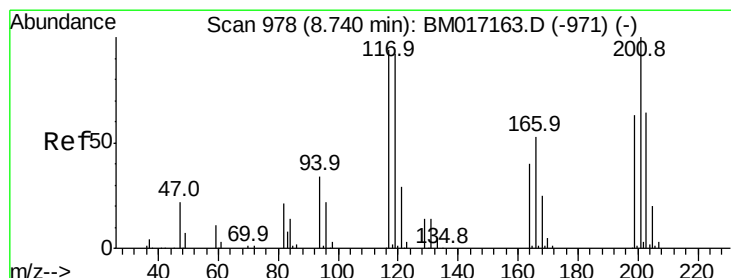
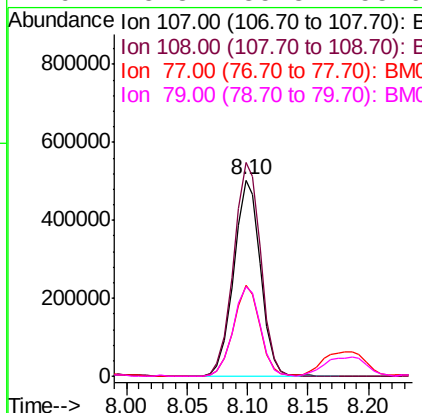
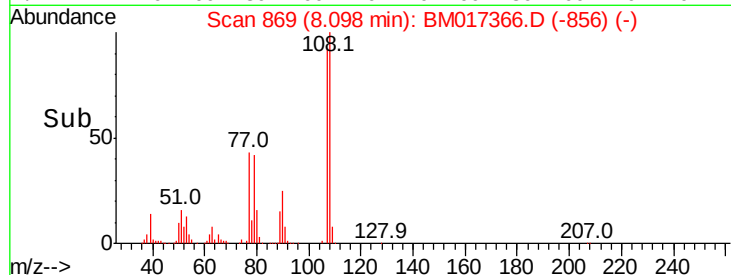
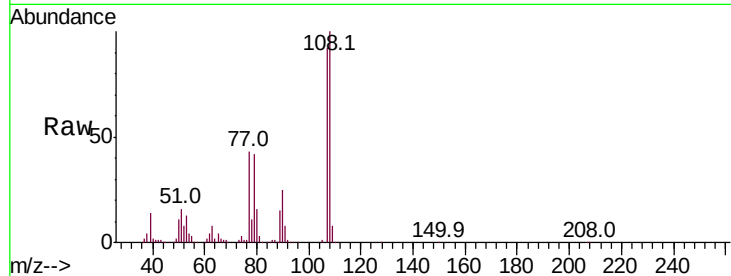
ClientSampleId :

PB114211BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	90.3	135.5	
77	46.5	37.0	55.4	
79	45.8	35.8	53.6	

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#18

Hexachloroethane

Concen: 36.344 ng

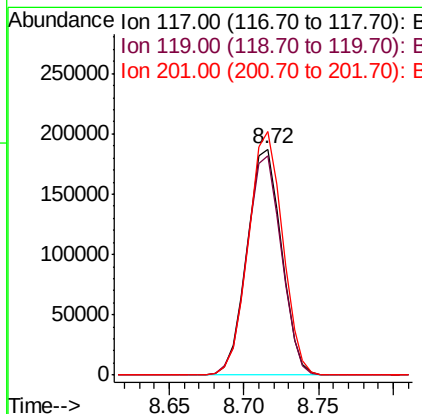
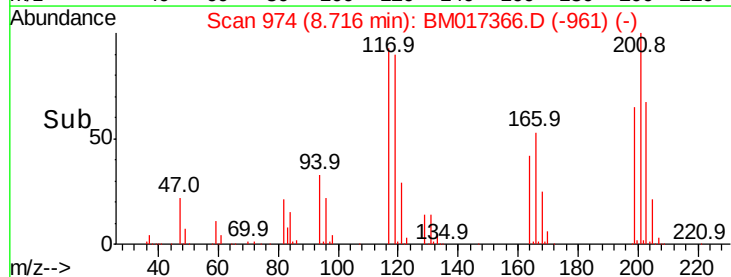
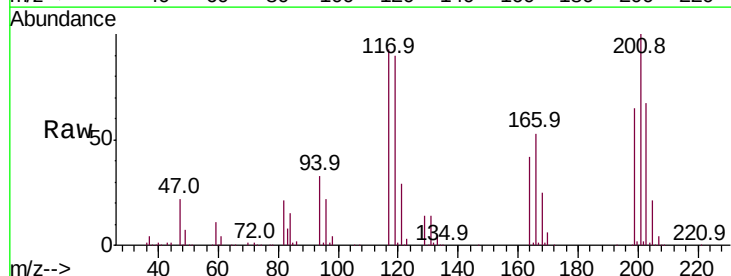
RT: 8.72 min Scan# 974

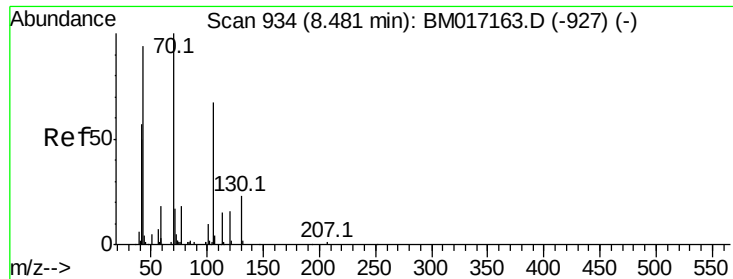
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	78.2	117.2	
201	107.8	85.3	127.9	





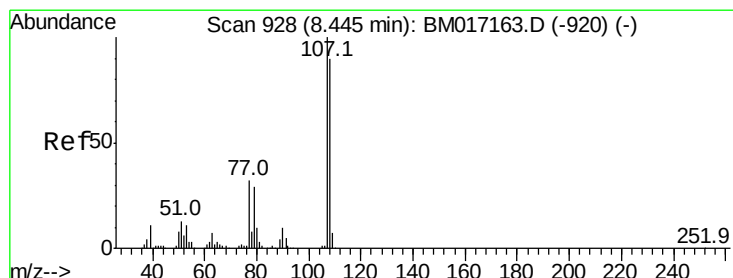
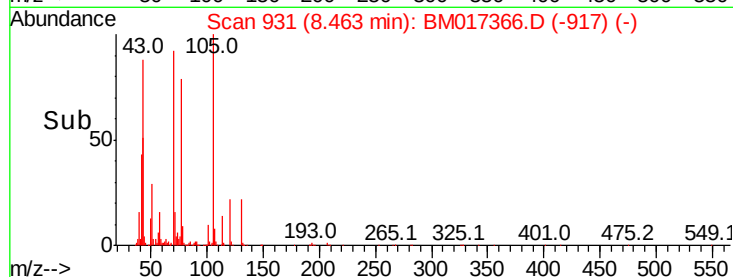
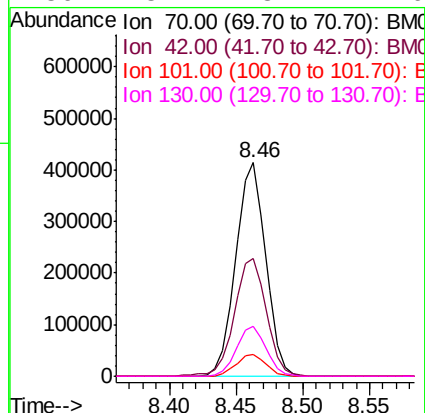
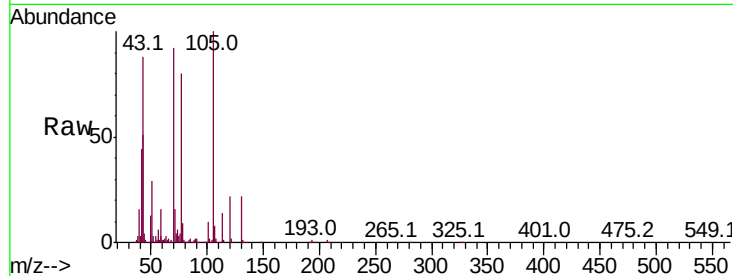
#19
n-Nitroso-di-n-propylamine
Concen: 41.439 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	46.1	69.1	
101	10.5	8.2	12.4	
130	23.4	18.4	27.6	

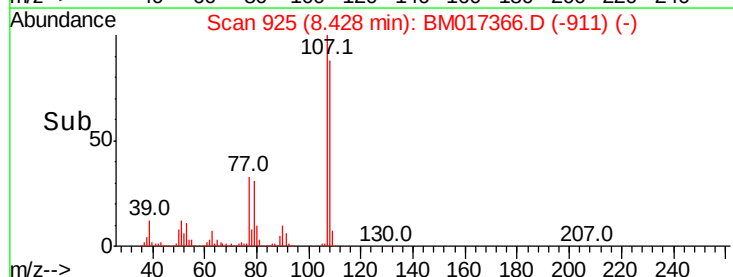
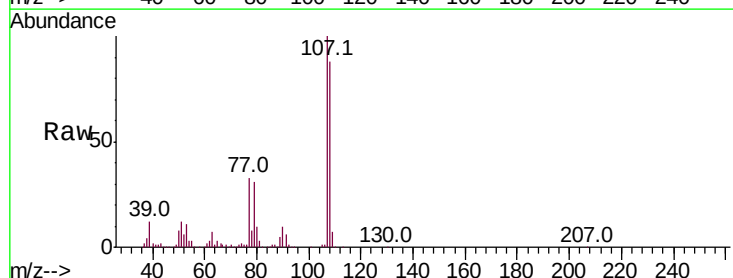
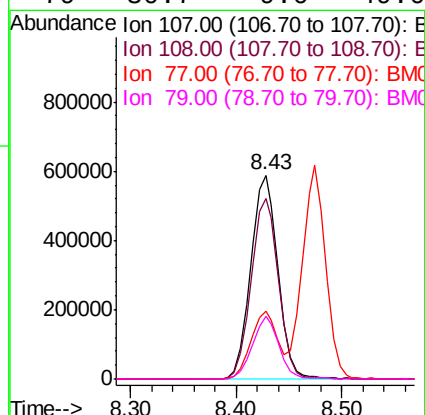
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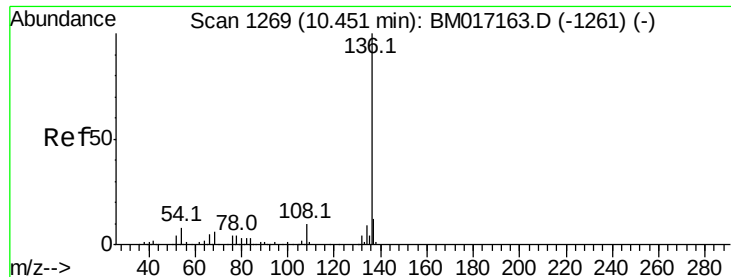
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#20
3+4-Methylphenols
Concen: 47.069 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	69.9	109.9	
77	33.2	12.2	52.2	
79	30.7	9.0	49.0	





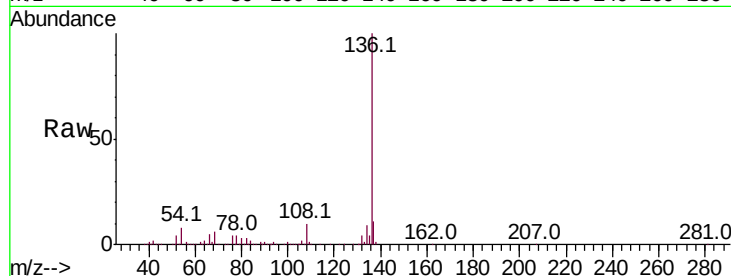
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

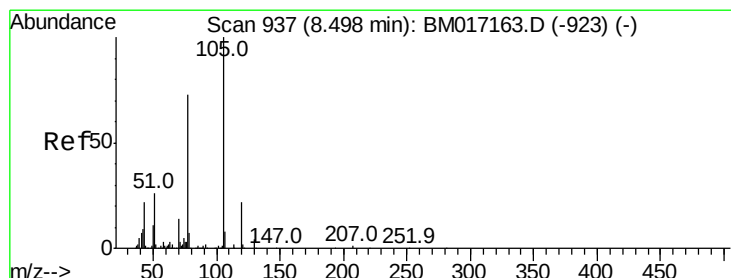
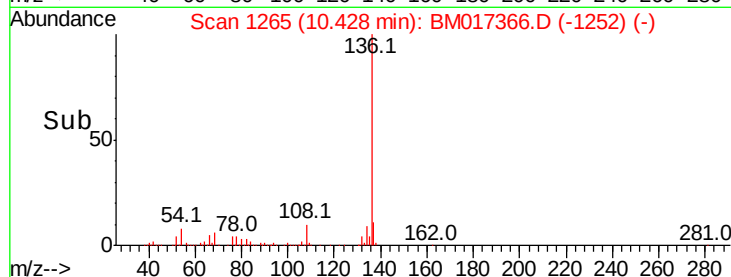
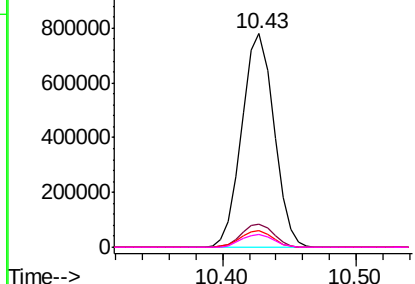
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.6	6.7	10.1
68	6.0	4.7	7.1

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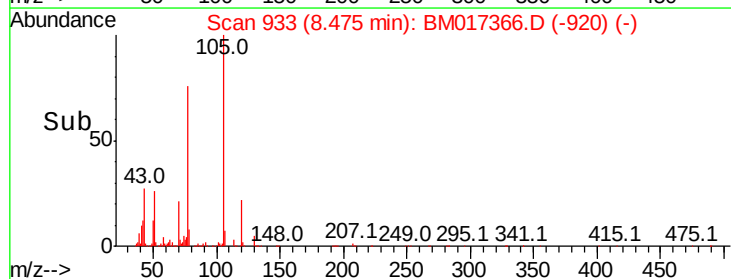
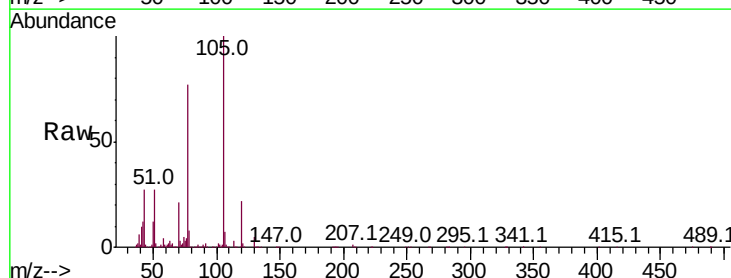
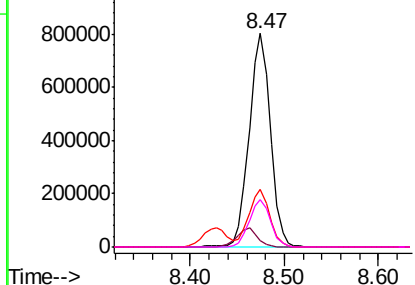
Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BM
800000
Ion 68.00 (67.70 to 68.70): BM

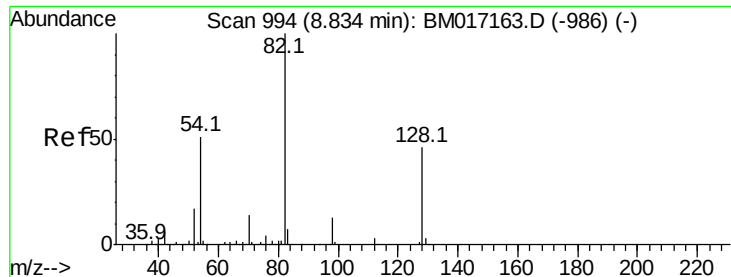


#22
Acetophenone
Concen: 38.009 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.0	3.0#
51	26.8	20.6	31.0
120	21.9	17.5	26.3

Abundance Ion 105.00 (104.70 to 105.70): E
1200000
Ion 71.00 (70.70 to 71.70): BM
1000000
Ion 51.00 (50.70 to 51.70): BM
800000
Ion 120.00 (119.70 to 120.70): E





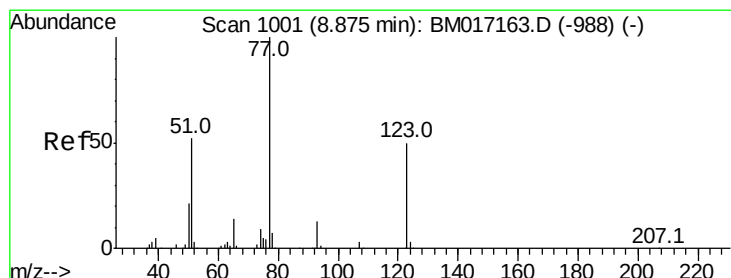
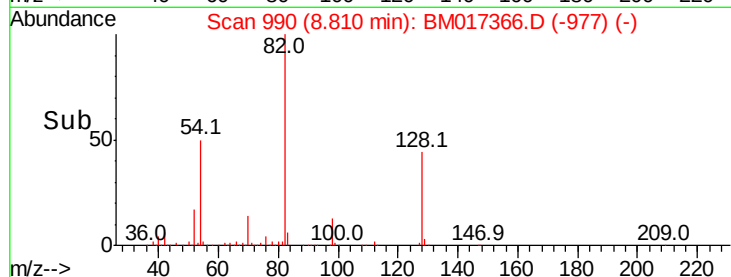
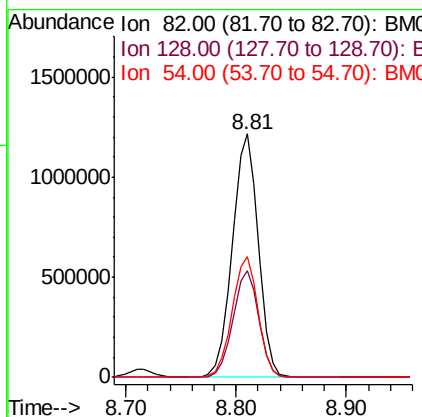
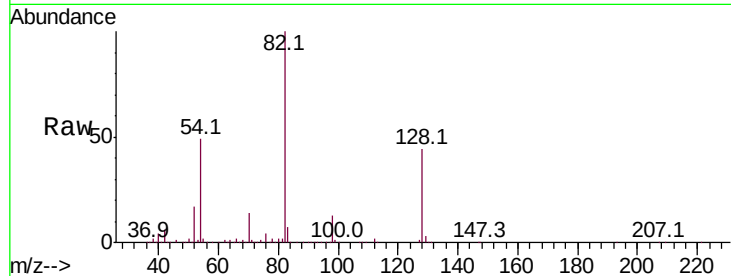
#23
Nitrobenzene-d5
Concen: 89.705 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion: 82 Resp: 2000925
Ion Ratio Lower Upper
82 100
128 43.9 37.0 55.6
54 49.4 40.7 61.1

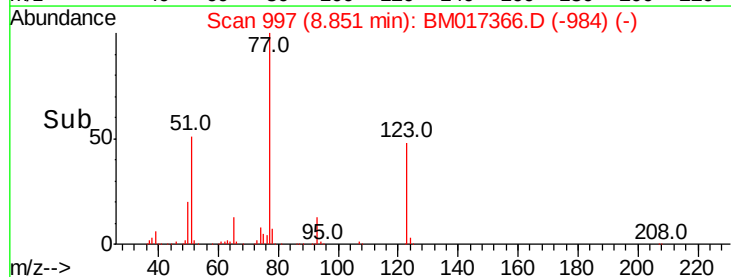
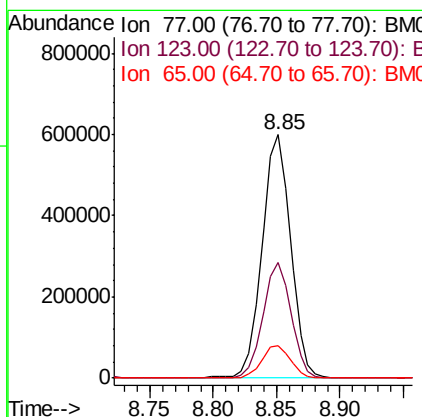
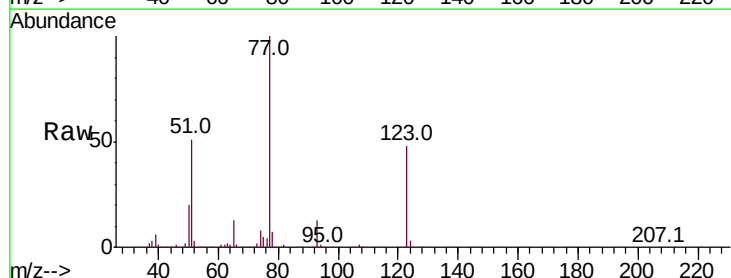
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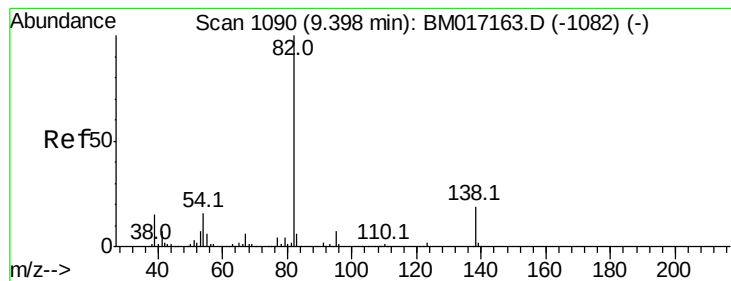
Sohil
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#24
Nitrobenzene
Concen: 39.891 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion: 77 Resp: 941198
Ion Ratio Lower Upper
77 100
123 47.5 40.2 60.4
65 13.3 11.4 17.0





#25

Isophorone

Concen: 47.782 ng

RT: 9.37 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion: 82 Resp: 1759950

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

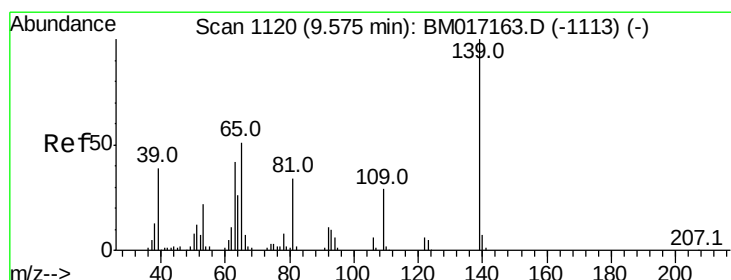
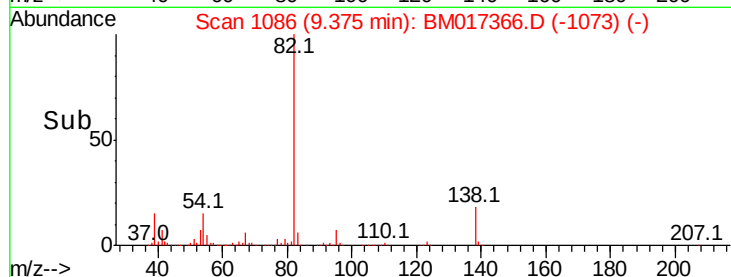
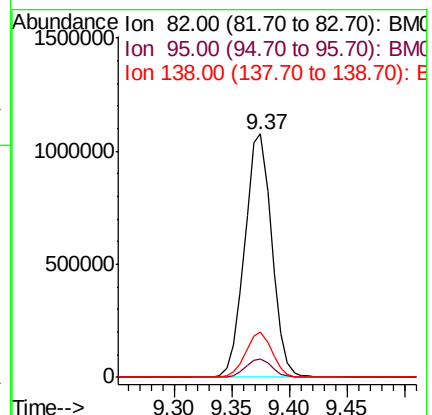
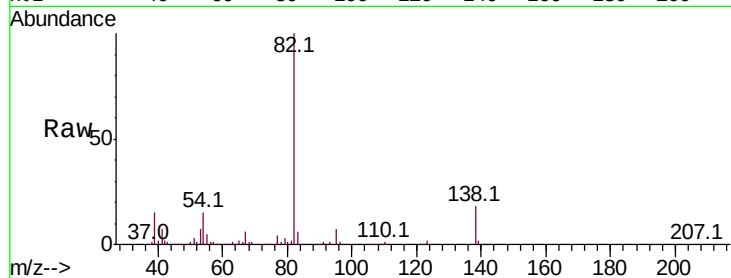
138 18.5 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.161 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

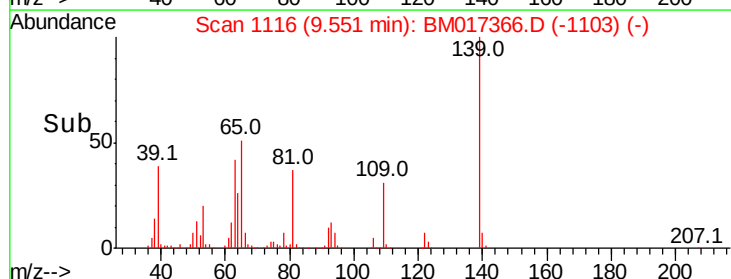
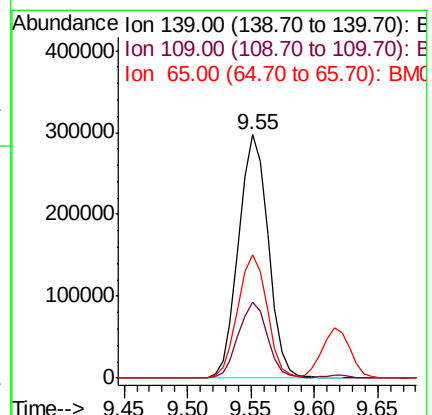
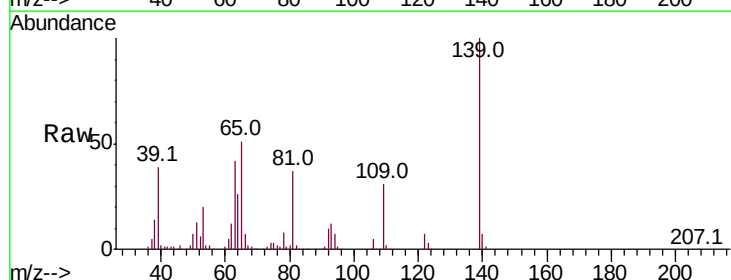
Tgt Ion: 139 Resp: 481921

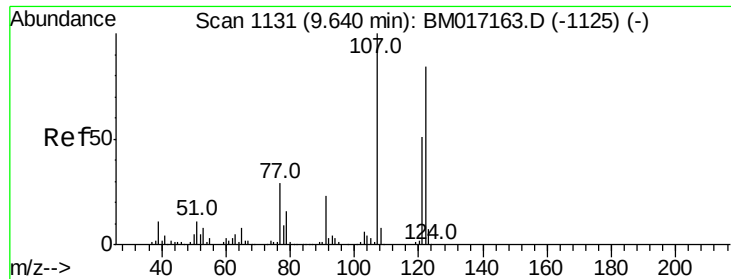
Ion Ratio Lower Upper

139 100

109 31.3 23.2 34.8

65 50.5 40.6 61.0





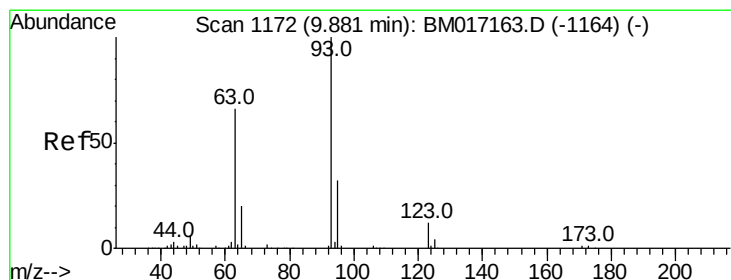
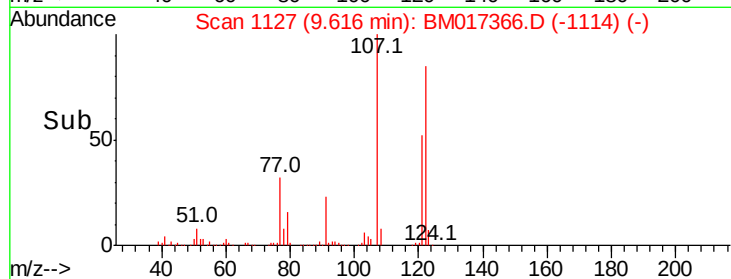
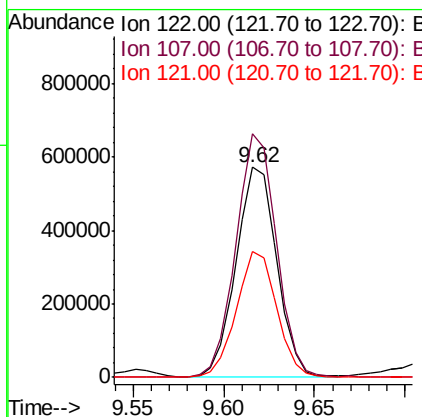
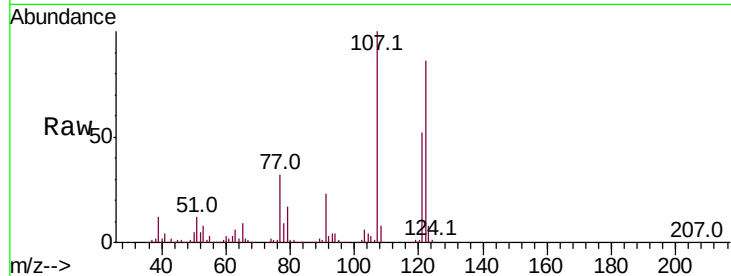
#27
2,4-Dimethylphenol
Concen: 54.675 ng
RT: 9.62 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampled :
PB114211BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	890471		
107	116.0	95.0	142.6	
121	60.0	48.2	72.4	

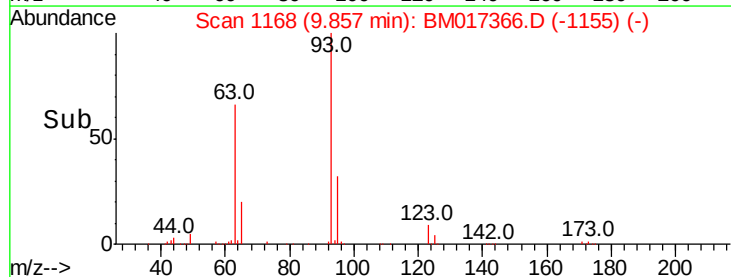
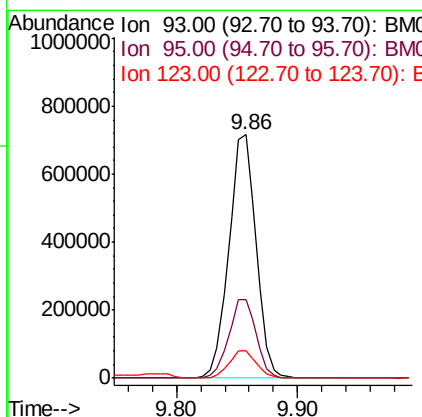
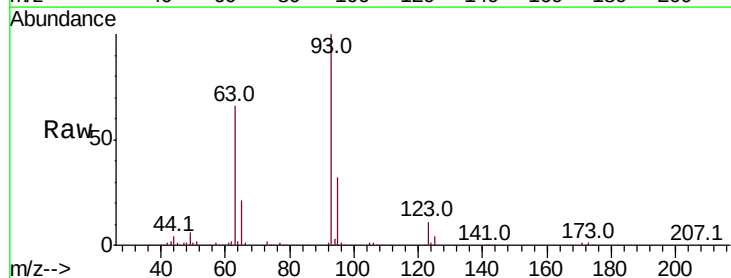
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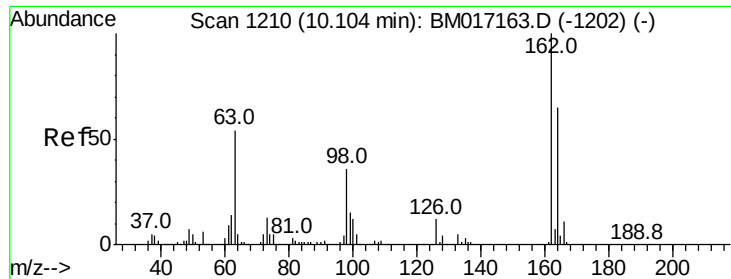
Sohil
10/29/2018 2:15:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.259 ng
RT: 9.86 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1121471		
95	32.1	25.7	38.5	
123	11.1	9.4	14.0	





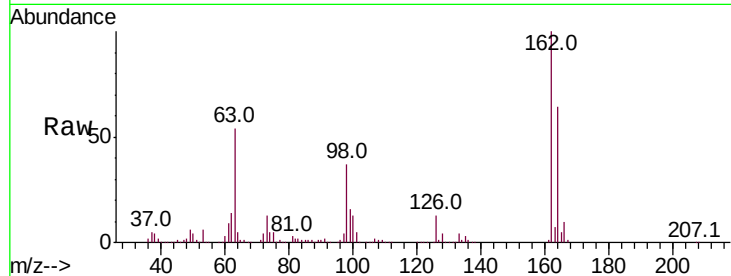
#29
2,4-Dichlorophenol
Concen: 48.174 ng
RT: 10.08 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	44.9	84.9
98	36.6	15.8	55.8

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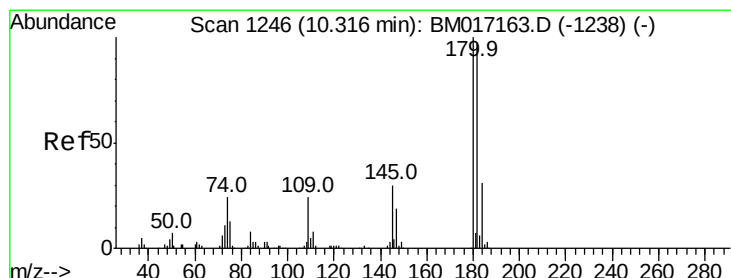
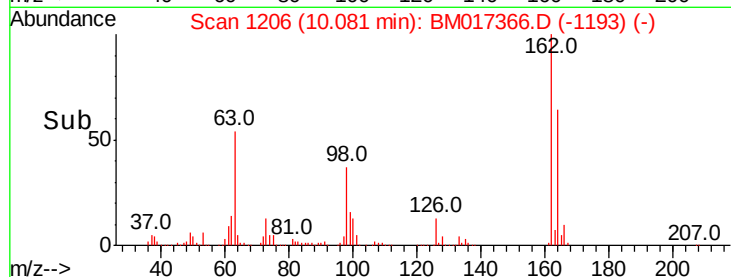
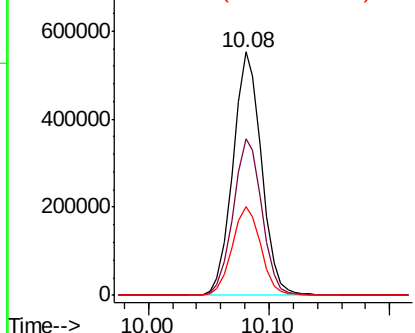


Abundance

Ion 162.00 (161.70 to 162.70): E

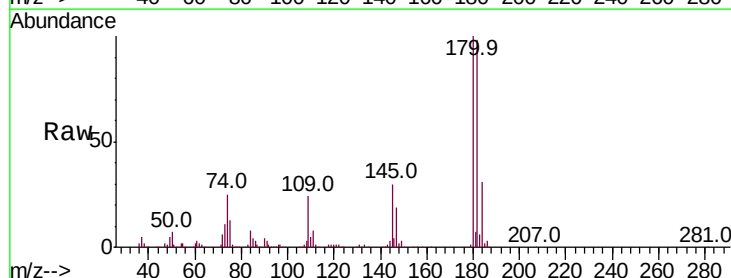
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 37.153 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.6	77.5	116.3
145	29.5	24.0	36.0

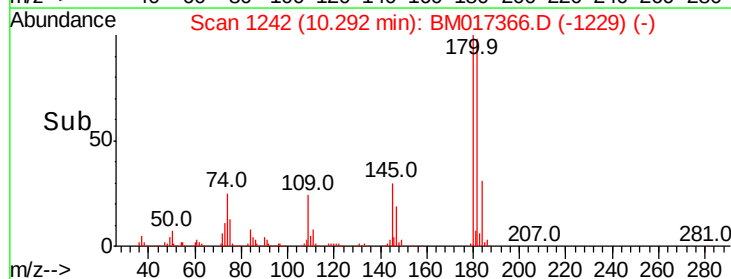
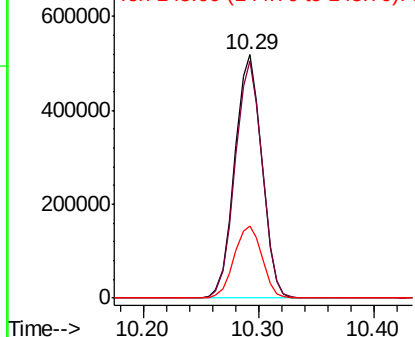


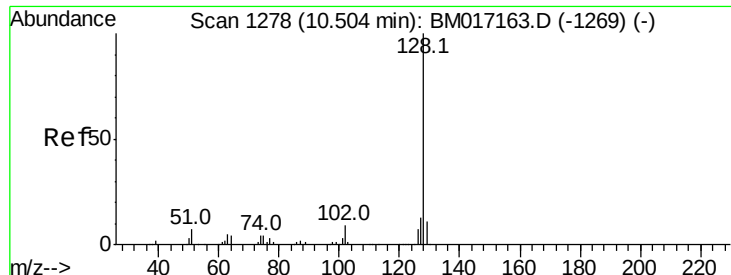
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





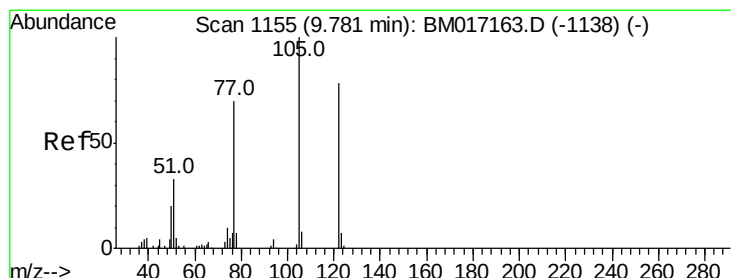
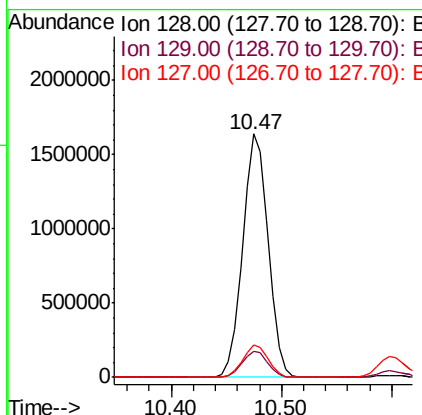
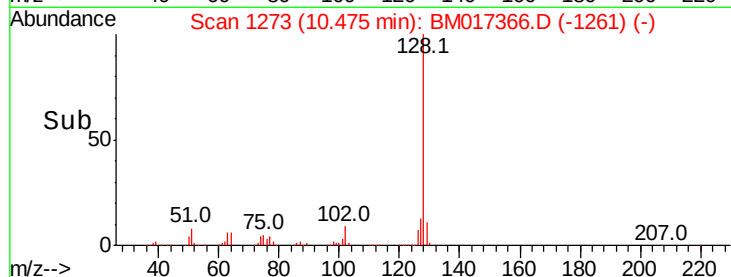
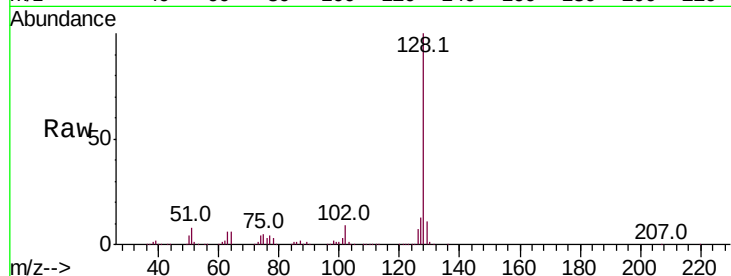
#31
Naphthalene
Concen: 41.542 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion:128 Resp: 2655823
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 10.3 15.5

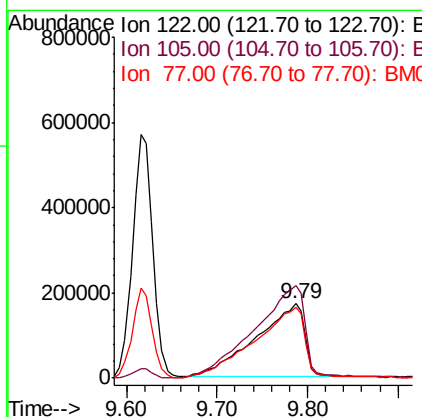
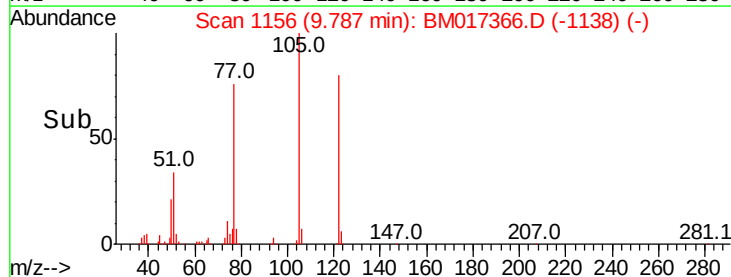
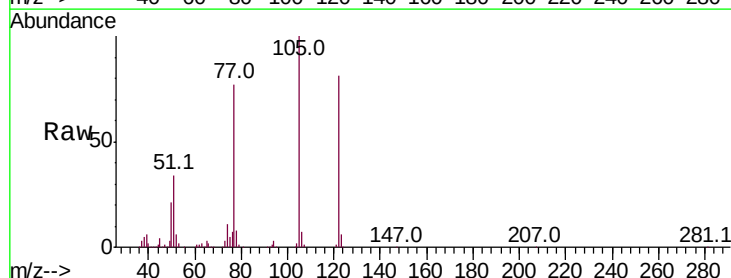
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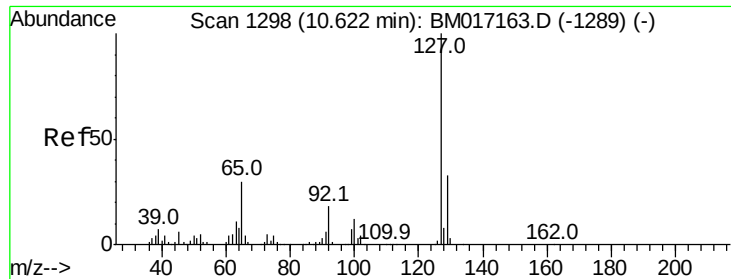
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#32
Benzoic acid
Concen: 50.810 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion:122 Resp: 617449
Ion Ratio Lower Upper
122 100
105 124.0 102.0 142.0
77 95.4 67.7 107.7





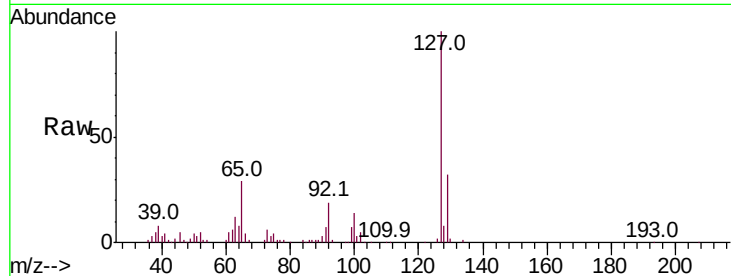
#33
4-Chloroaniline
Concen: 9.313 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.2	39.4	
65	29.3	23.7	35.5	
92	19.2	14.3	21.5	

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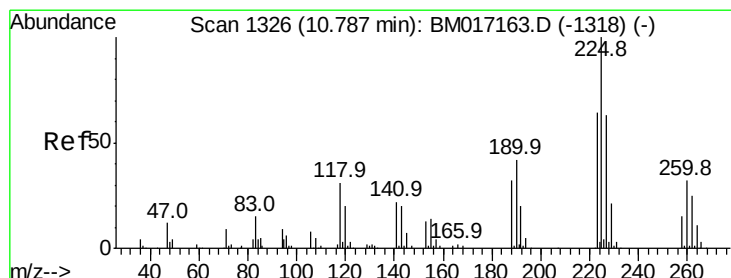
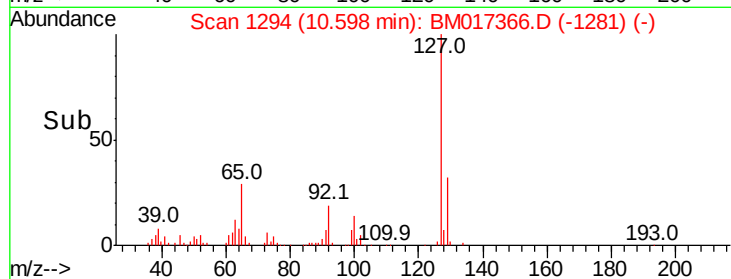
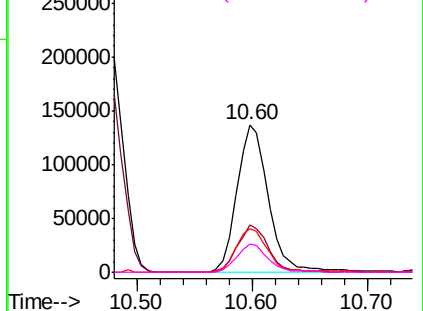
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

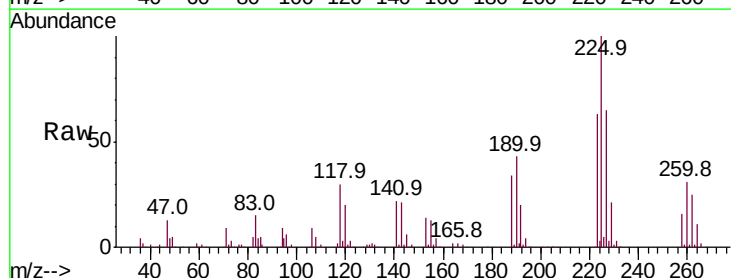
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 35.014 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	51.0	76.6	
227	64.8	50.8	76.2	

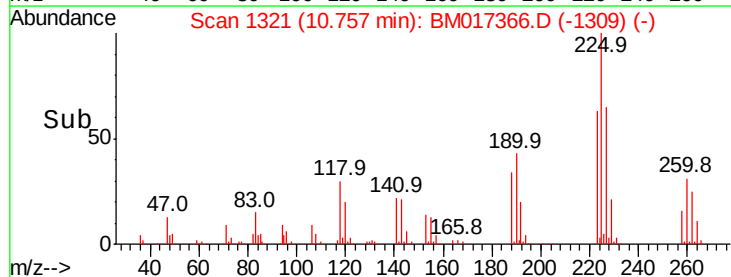
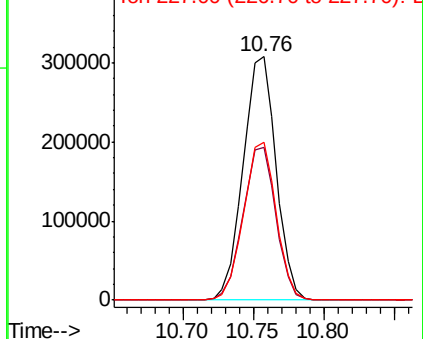


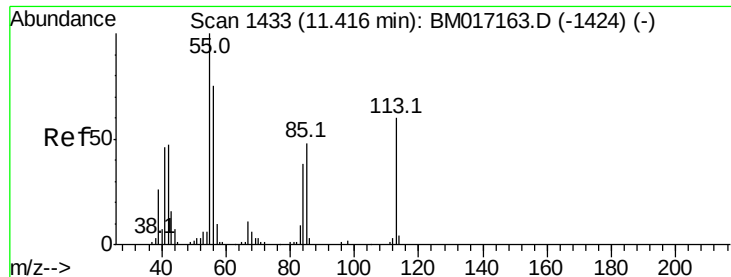
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.874 ng/mL

RT: 11.40 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleID :

PB114211BS

Tot Ion:113 Resp: 302359

Ion Ratio Lower Upper

113 100

55 164.4 147.0 187.0

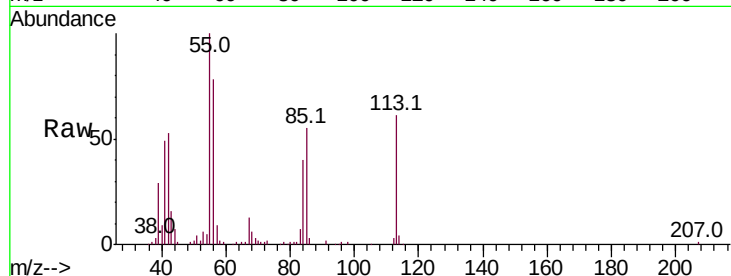
56 127.6 104.5 144.5

Manual Integrations

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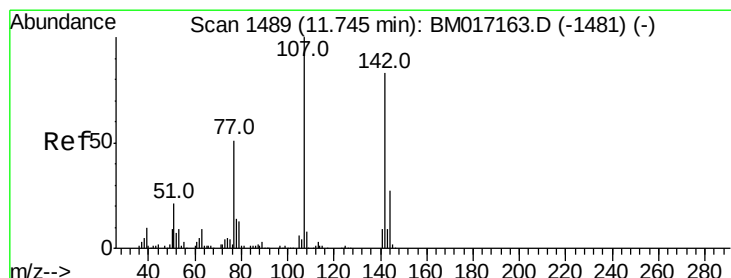
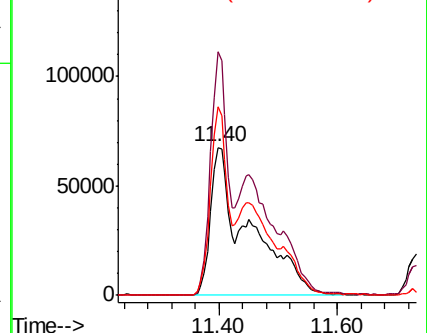
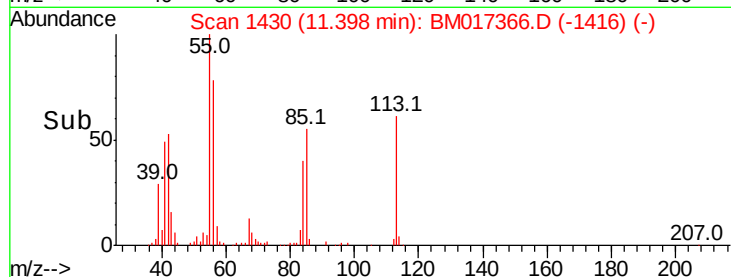
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 48.186 ng/mL

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

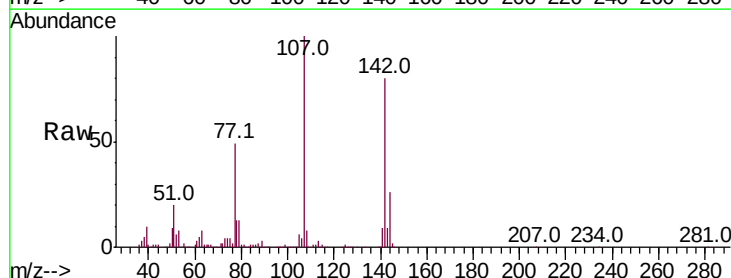
Tgt Ion:107 Resp: 1027104

Ion Ratio Lower Upper

107 100

144 26.3 21.6 32.4

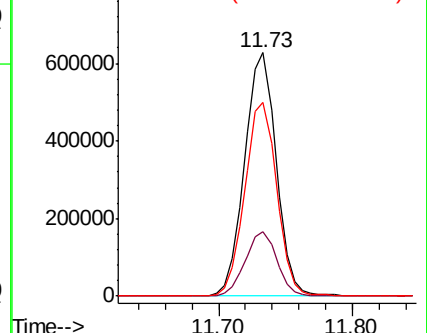
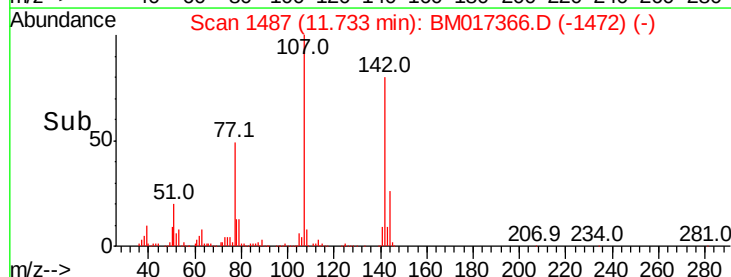
142 79.7 66.0 99.0

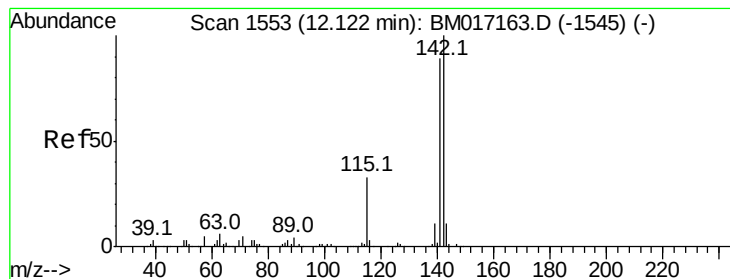


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37
 2-Methylnaphthalene
 Concen: 47.493 ng
 RT: 12.09 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

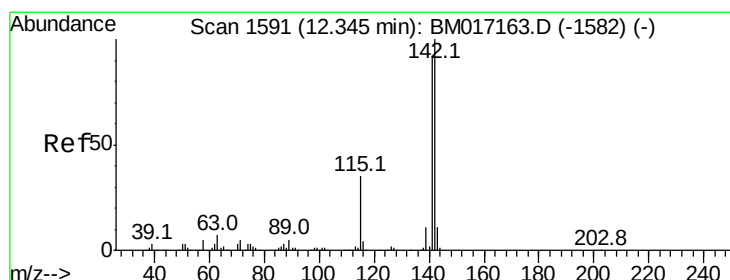
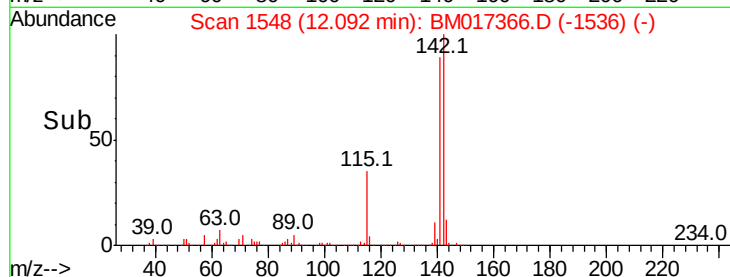
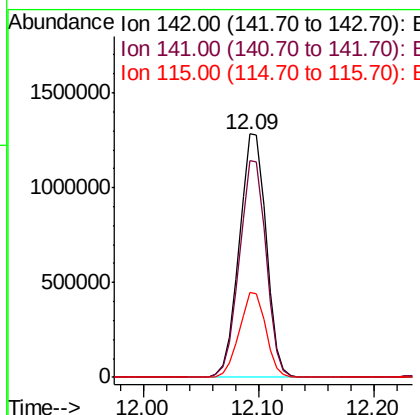
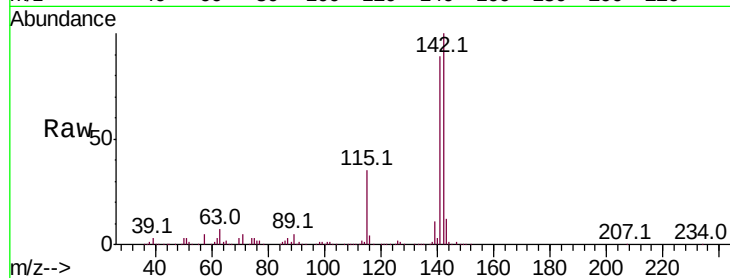
Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Tot Ion:142 Resp: 2077706

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3
115	34.8	26.4	39.6

Manual Integrations
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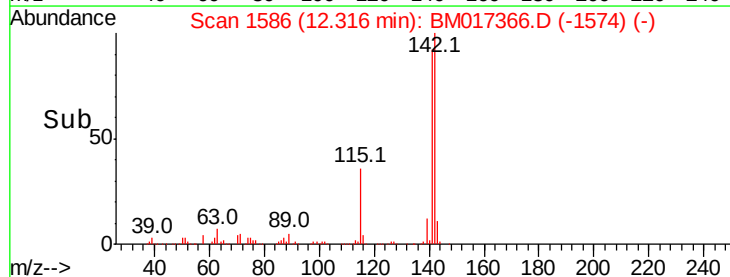
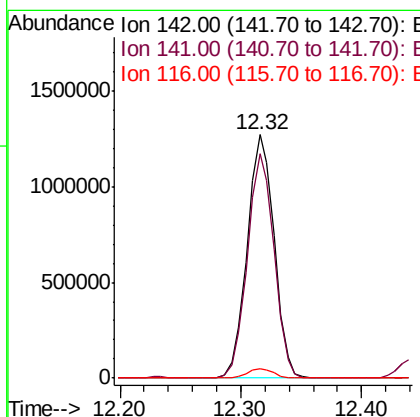
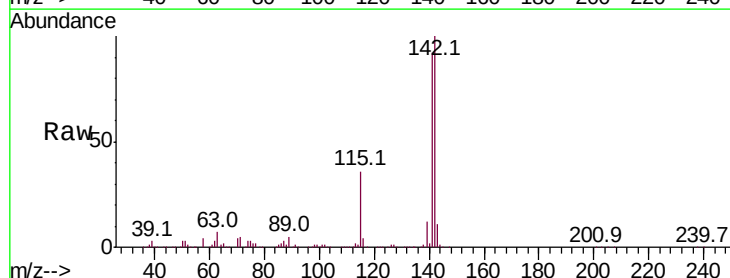
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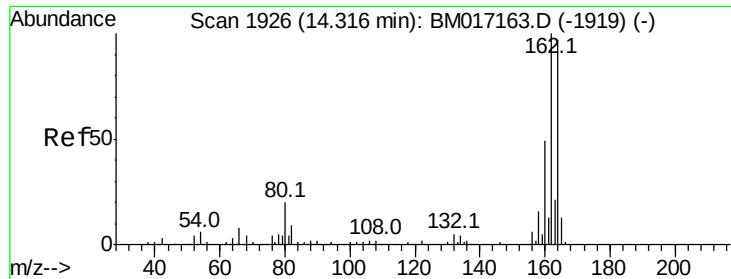


#38
 1-Methylnaphthalene
 Concen: 46.525 ng
 RT: 12.32 min Scan# 1586
 Delta R.T. -0.03 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Tgt Ion:142 Resp: 1981016

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.6
116	3.9	2.9	4.3





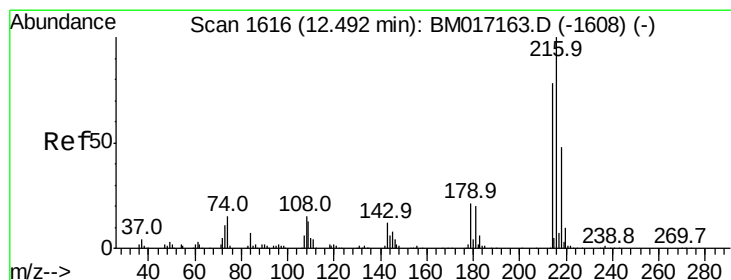
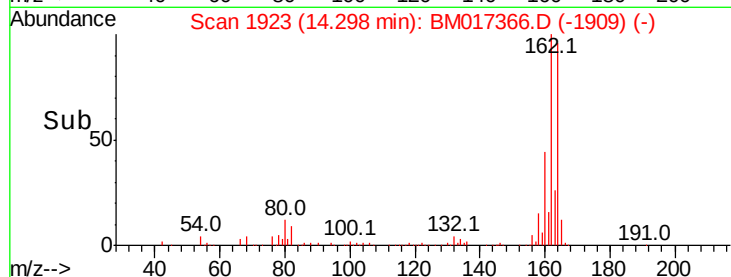
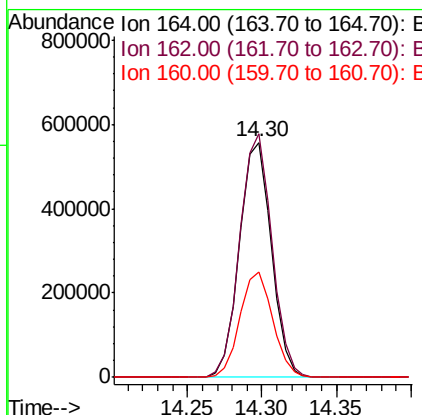
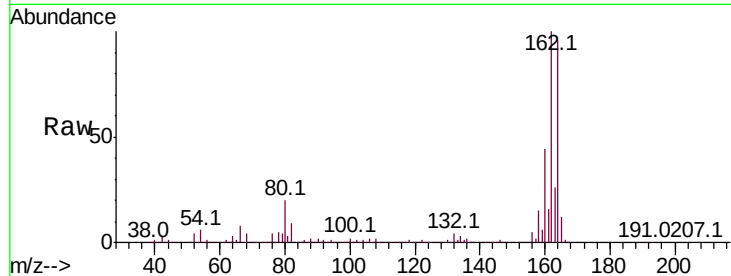
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.1	123.1
160	45.2	40.2	60.2

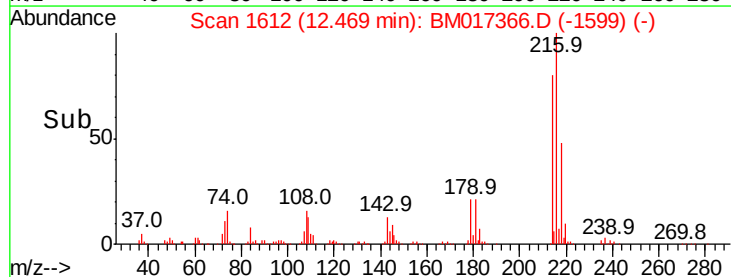
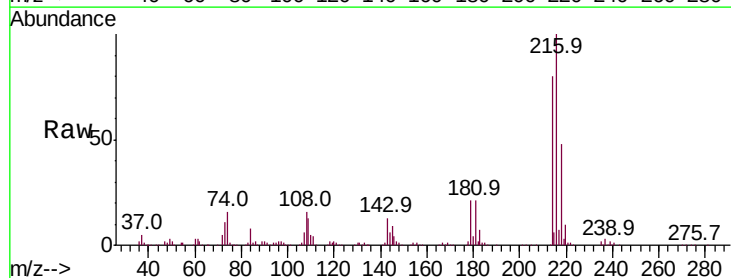
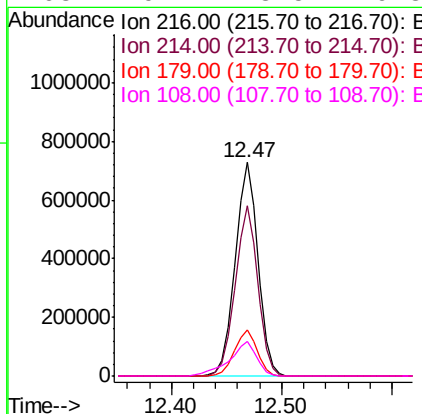
Manual Integrations
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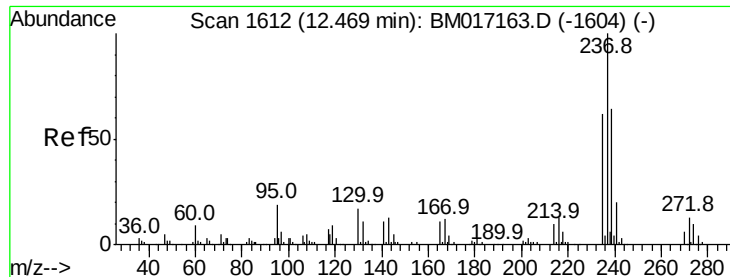
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.167 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	93.8
179	21.3	16.6	24.8
108	19.4	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 93.449 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.03 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion:237 Resp: 1316904

Ion Ratio Lower Upper

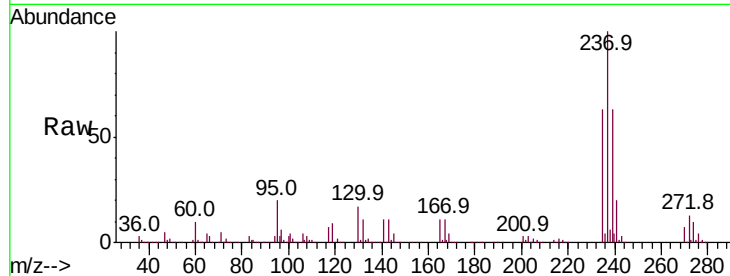
237 100

235 62.8 42.4 82.4

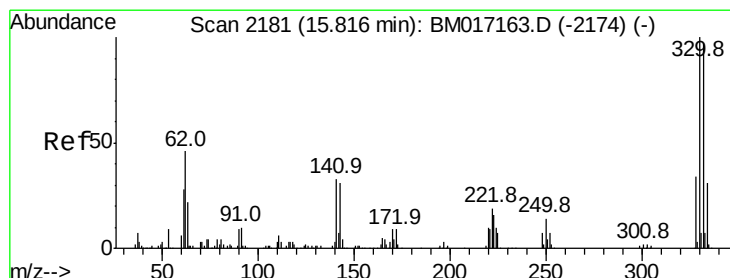
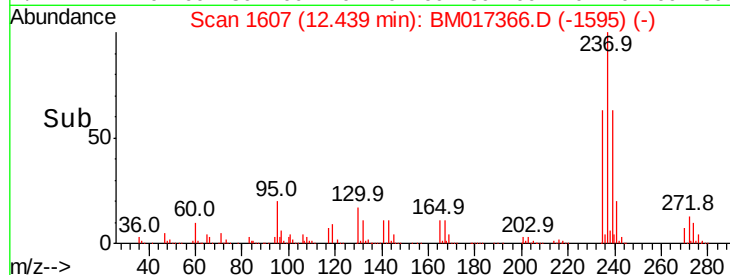
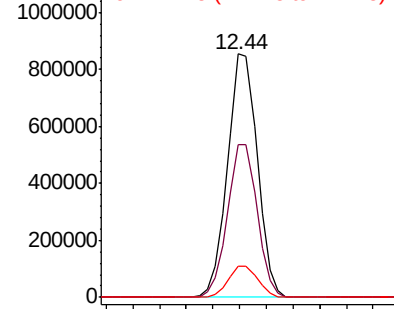
272 12.9 0.0 33.0

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: 93.562 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

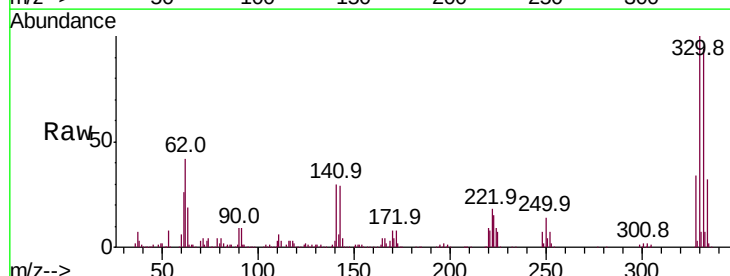
Tgt Ion:330 Resp: 1047336

Ion Ratio Lower Upper

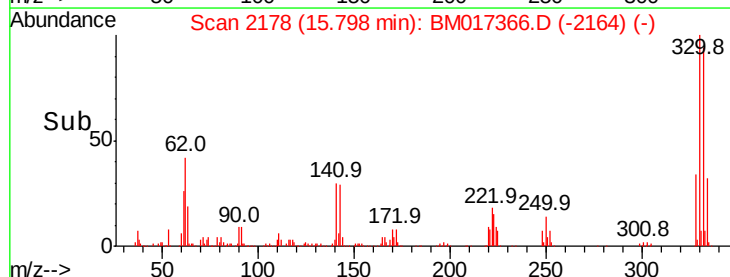
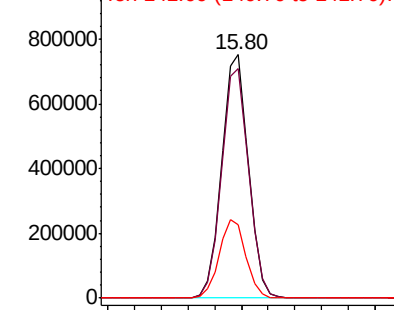
330 100

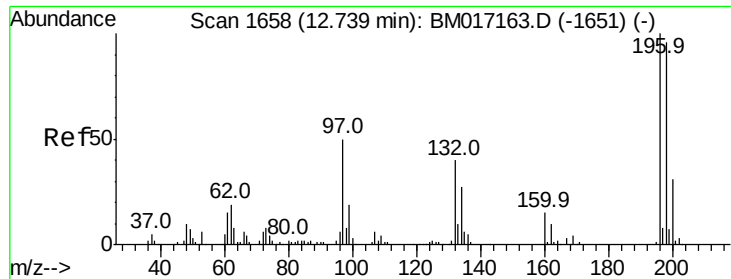
332 96.1 77.3 115.9

141 32.3 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: 45.689 ng

RT: 12.72 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

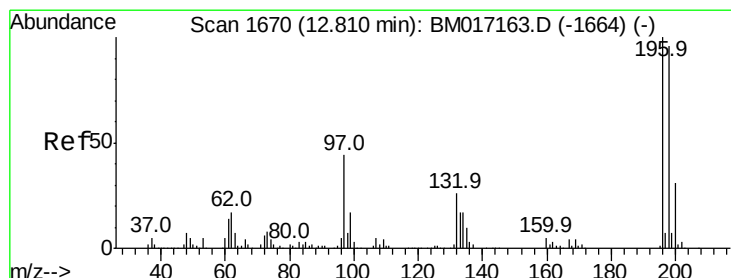
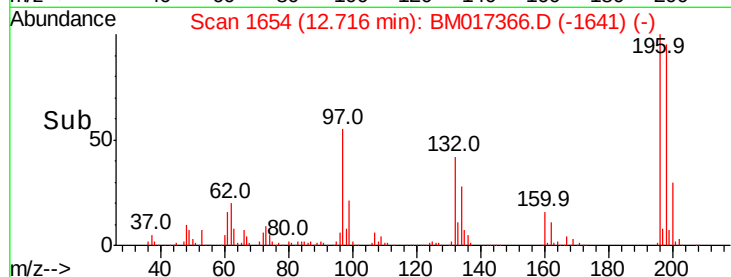
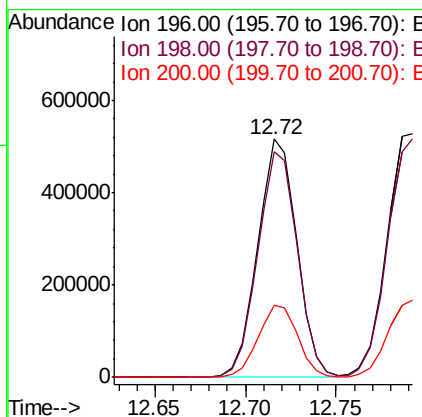
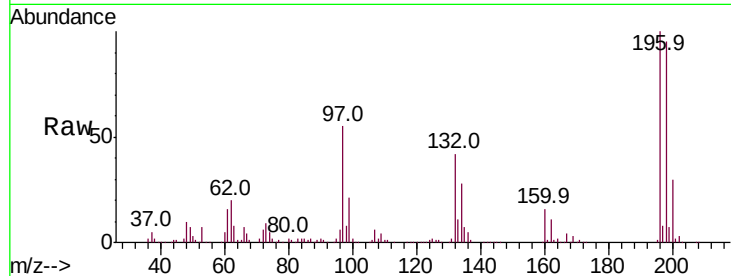
ClientSampleId :

PB114211BS

Tot Ion:	196	Resp:	773139
Ion Ratio	Lower	Upper	
196	100		
198	95.0	77.1	115.7
200	30.4	25.0	37.4

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 46.090 ng

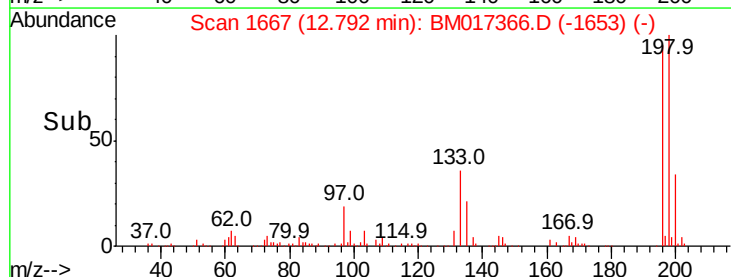
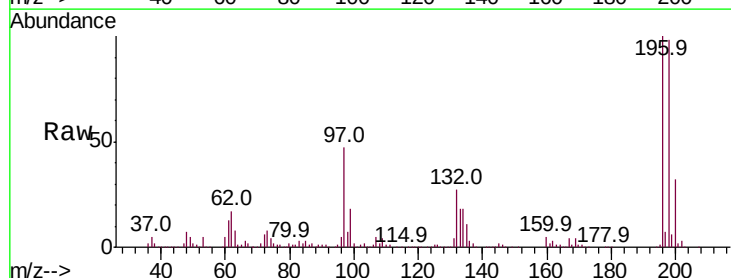
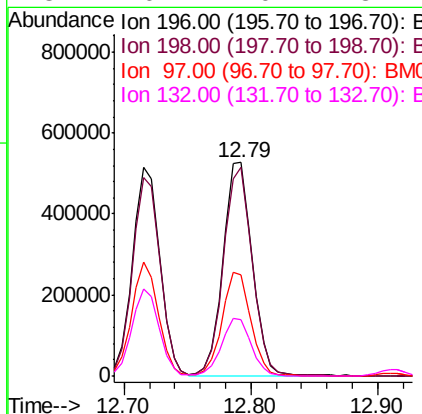
RT: 12.79 min Scan# 1667

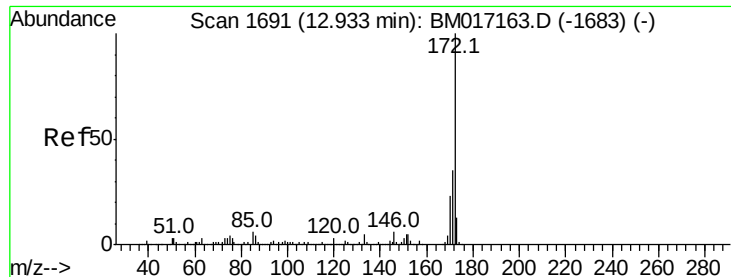
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion:	196	Resp:	836348
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.6	115.0
97	47.3	35.5	53.3
132	26.7	20.7	31.1





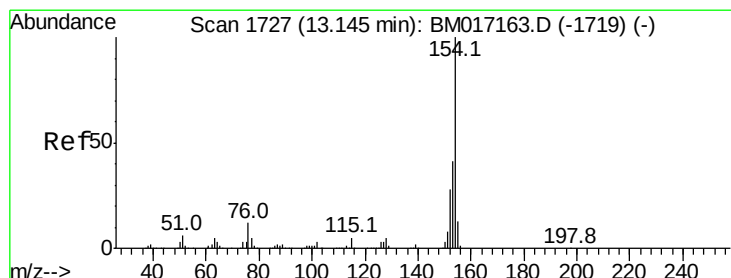
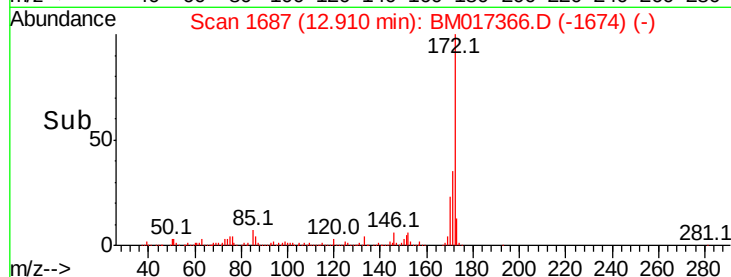
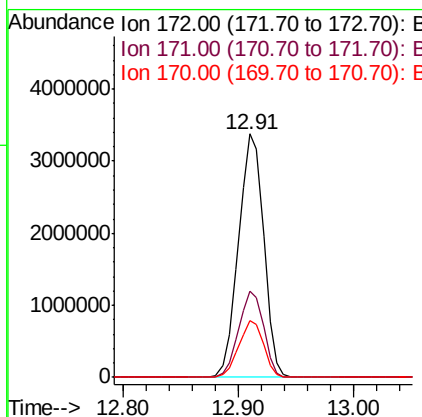
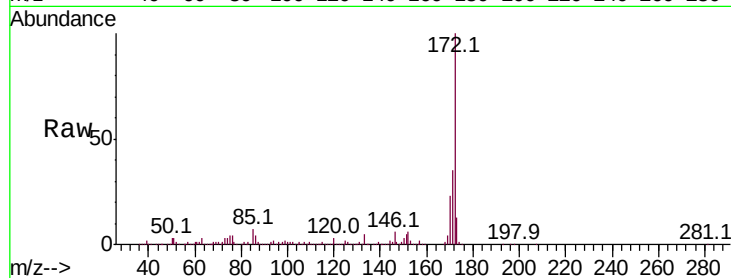
#45
2-Fluorobiphenyl
Concen: 82.137 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion:172 Resp: 5109832
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 18.3 27.5

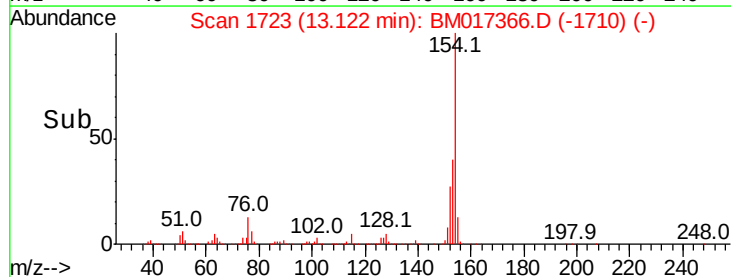
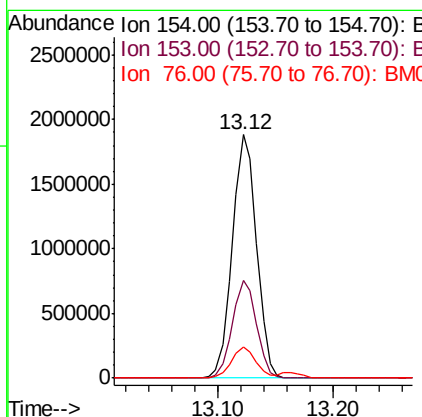
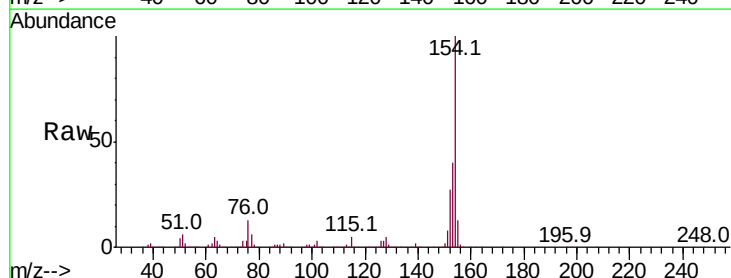
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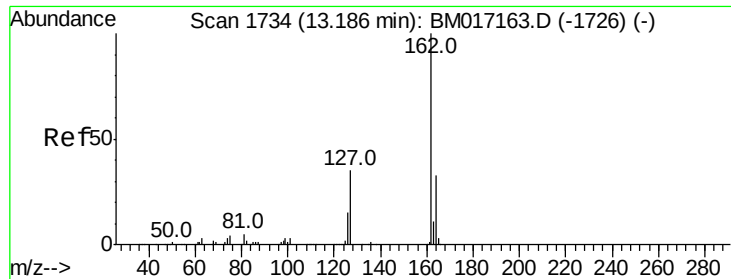
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#46
1,1'-Biphenyl
Concen: 36.571 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion:154 Resp: 2724120
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.7 0.0 31.8





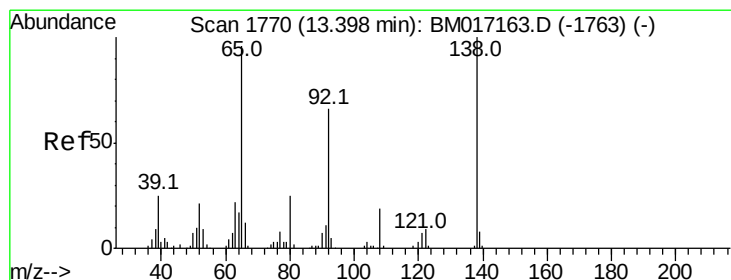
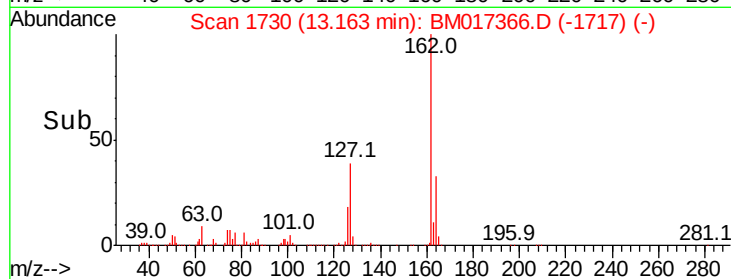
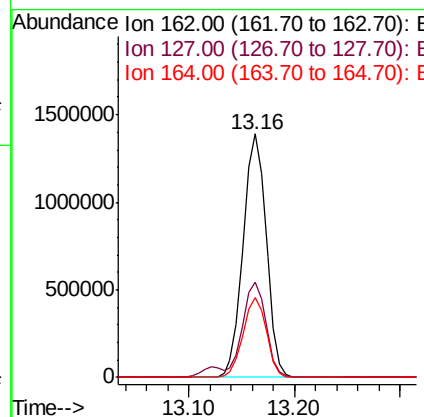
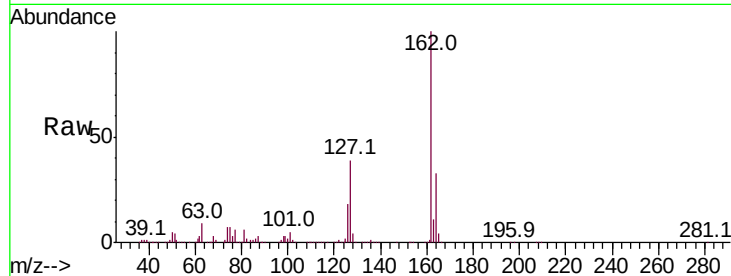
#47
2-Chloronaphthalene
Concen: 38.414 ng
RT: 13.16 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.4
164	33.0	26.6	39.8

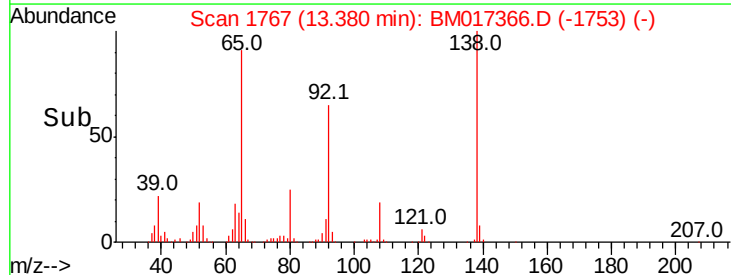
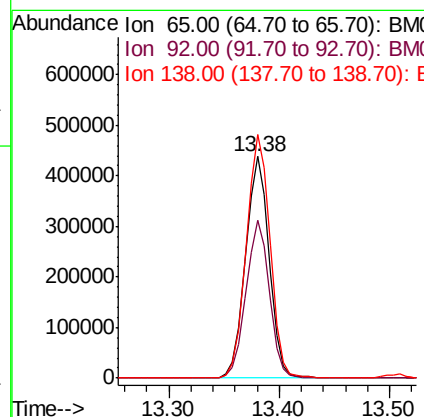
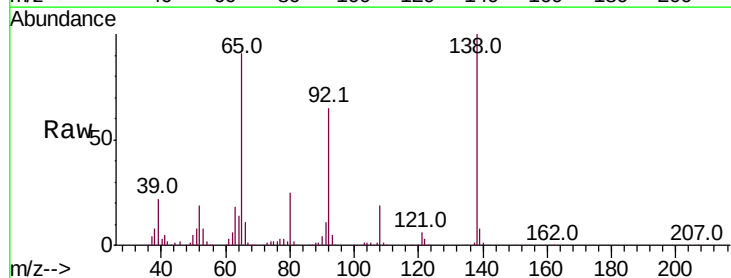
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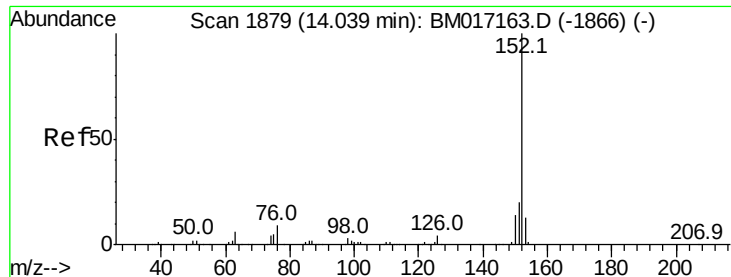
Sohil
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#48
2-Nitroaniline
Concen: 43.326 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	54.9	82.3
138	109.9	83.7	125.5





#49

Acenaphthylene

Concen: 44.606 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion:152 Resp: 3543095

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

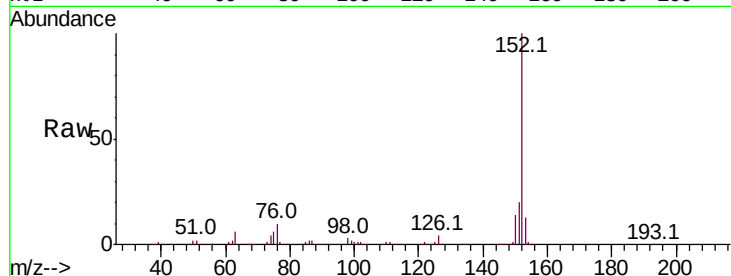
153 13.4 10.4 15.6

Manual Integrations

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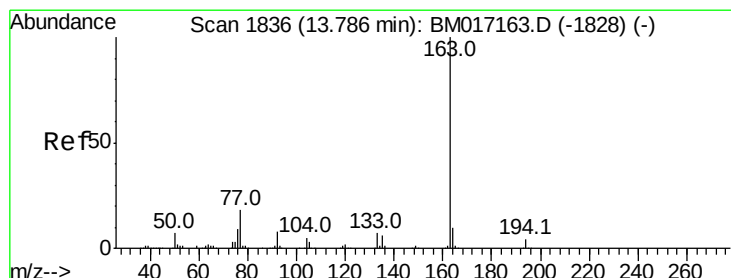
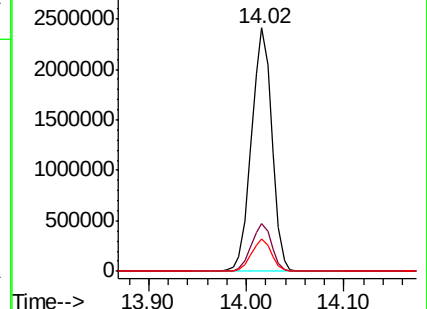
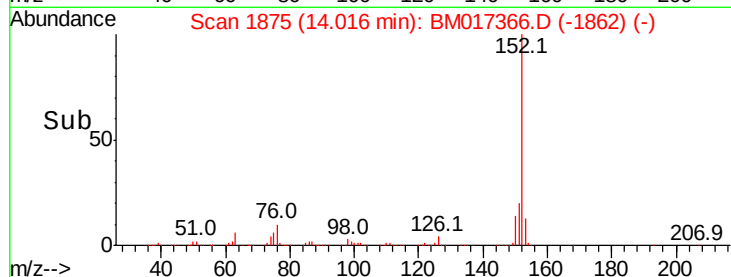
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.859 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

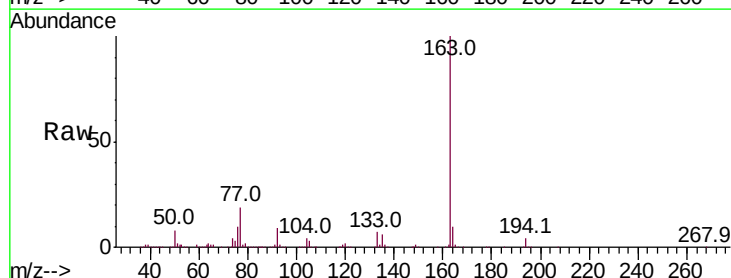
Tgt Ion:163 Resp: 2737010

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

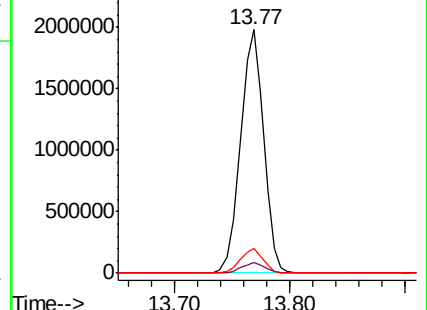
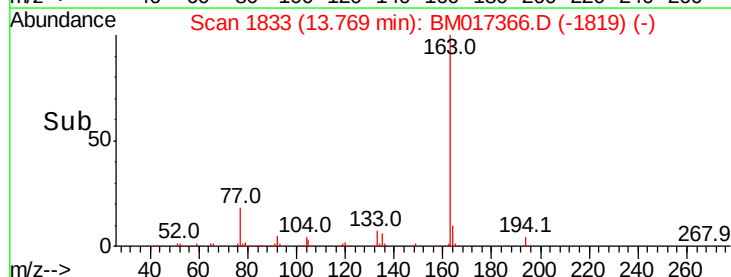
164 10.1 7.8 11.8

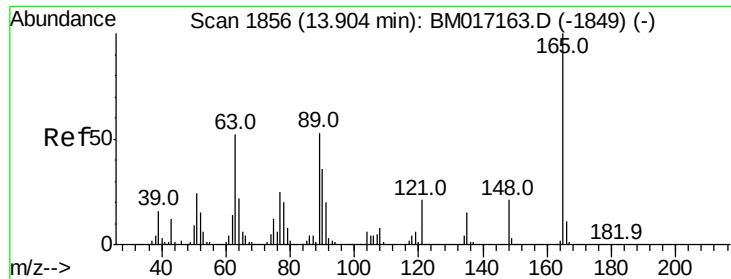


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.867 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion:165 Resp: 616569

Ion Ratio Lower Upper

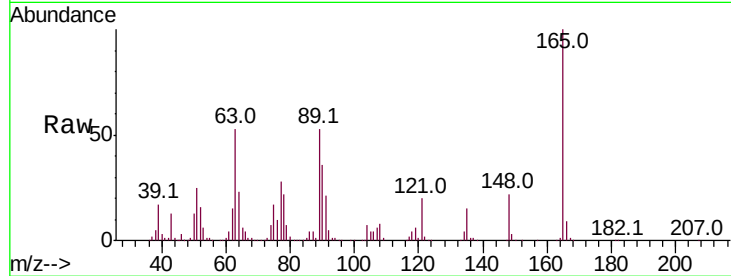
165 100

63 52.7 42.7 64.1

89 52.8 42.1 63.1

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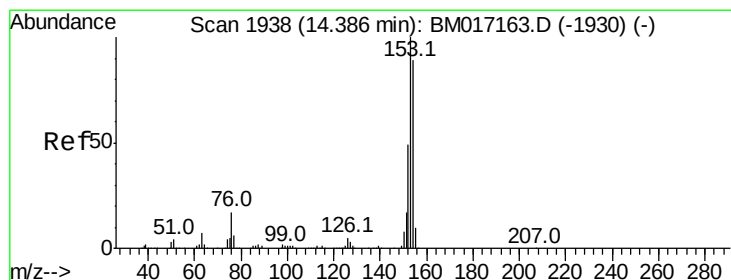
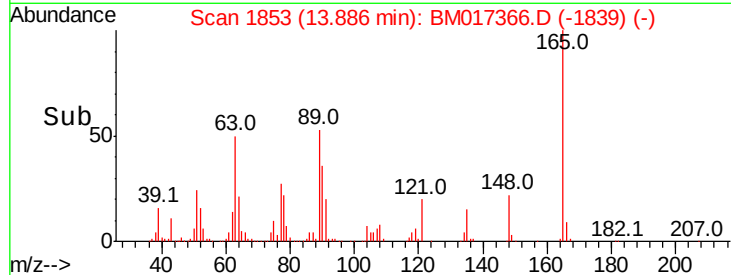
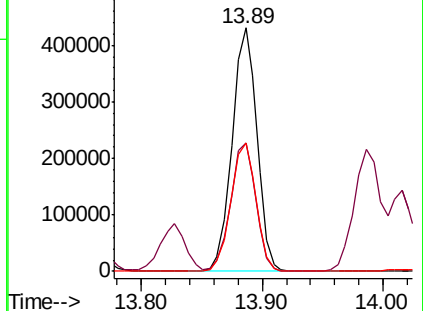
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 41.198 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

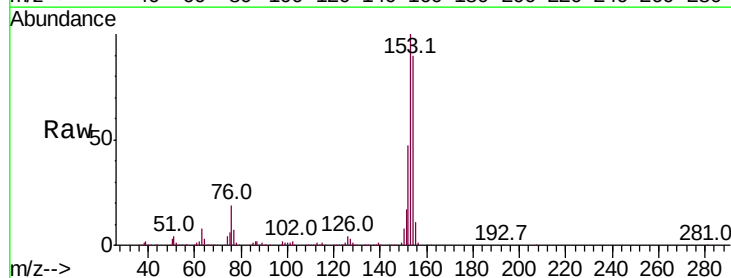
Tgt Ion:154 Resp: 2054647

Ion Ratio Lower Upper

154 100

153 111.4 90.2 135.2

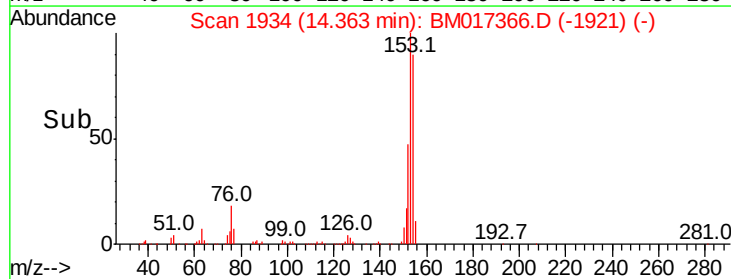
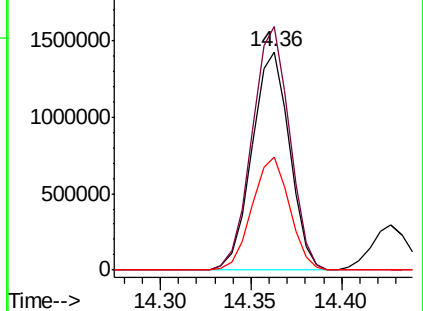
152 52.0 44.2 66.4

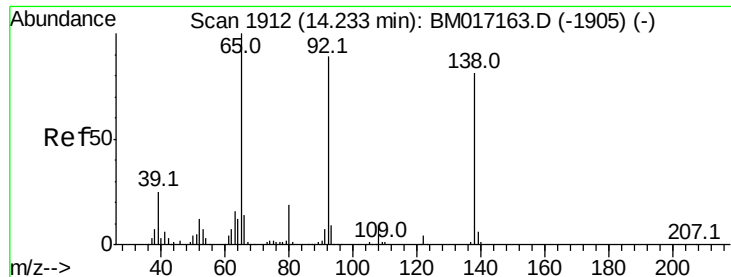


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





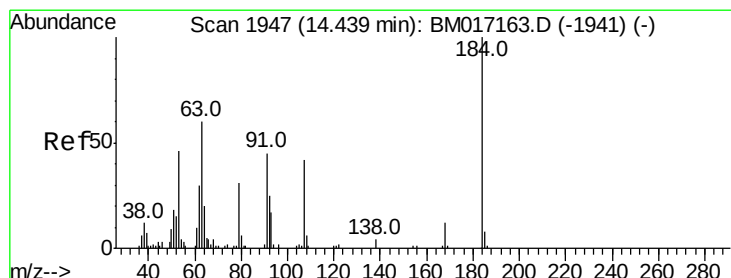
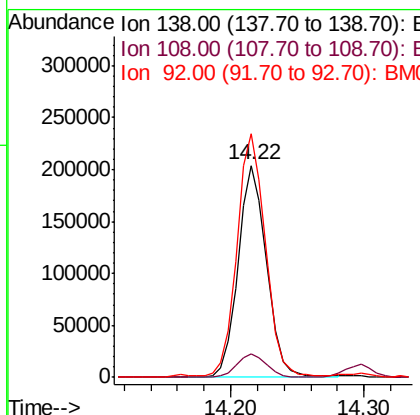
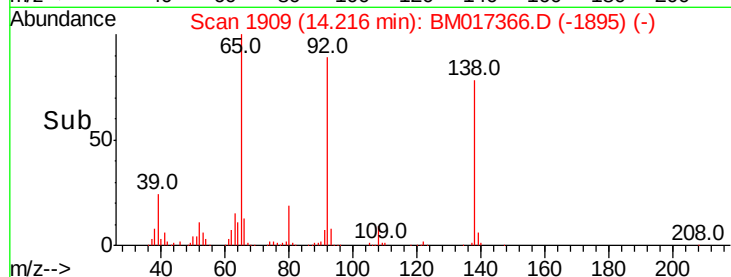
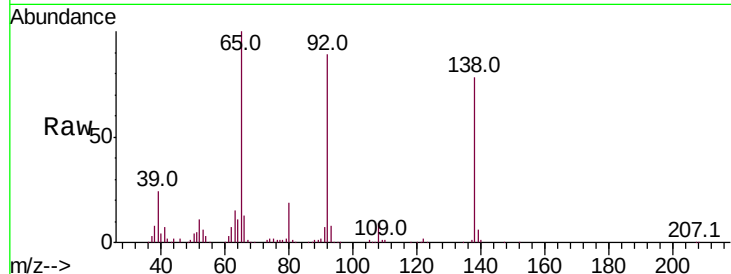
#53
 3-Nitroaniline
 Concen: 19.755 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.7	13.1
92	114.8	87.9	131.9

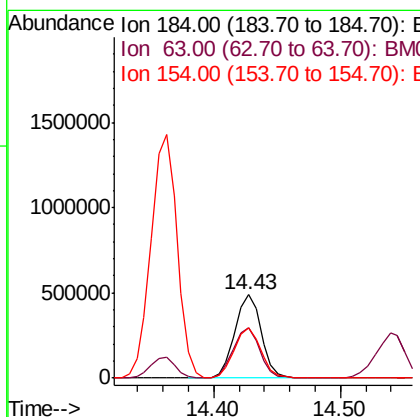
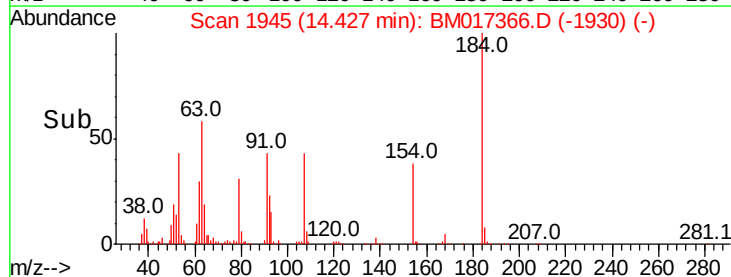
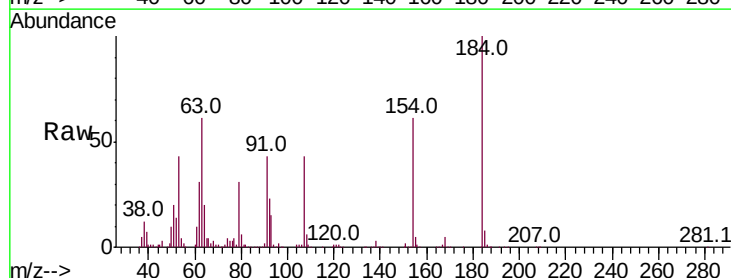
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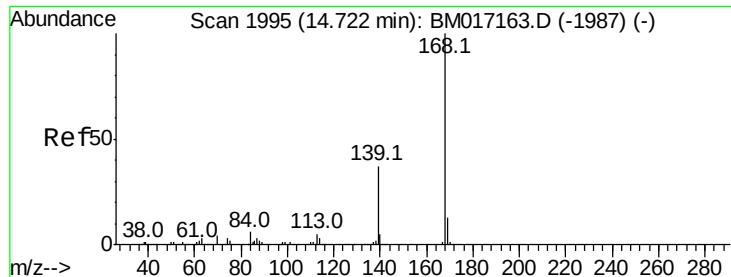
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 85.003 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	51.2	76.8
154	60.9	47.8	71.8





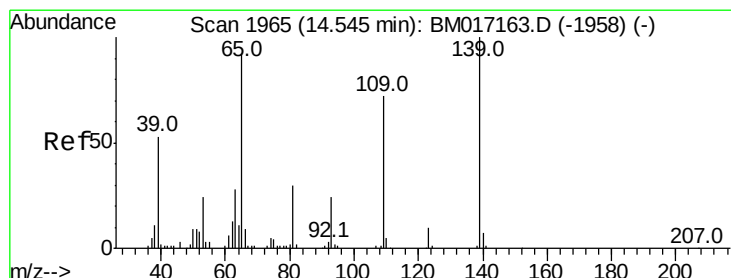
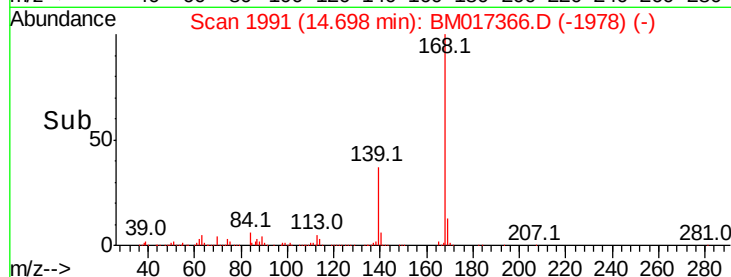
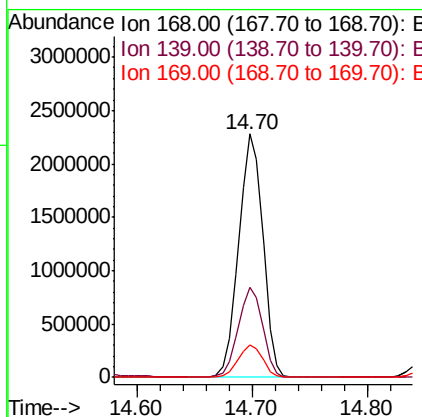
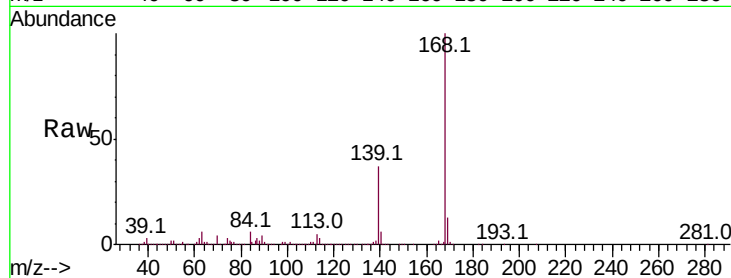
#55
Dibenzofuran
Concen: 40.041 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion:168 Resp: 3320824
Ion Ratio Lower Upper
168 100
139 37.0 29.3 43.9
169 13.3 10.6 15.8

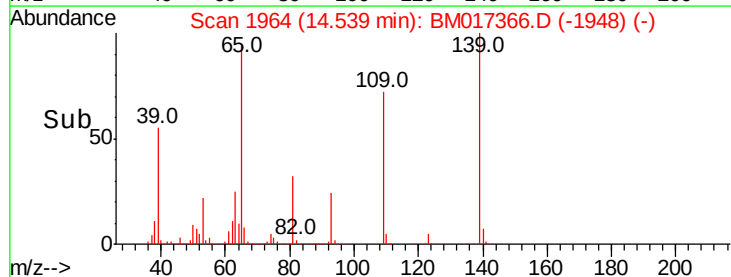
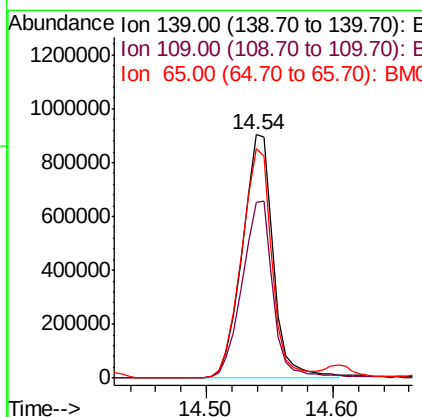
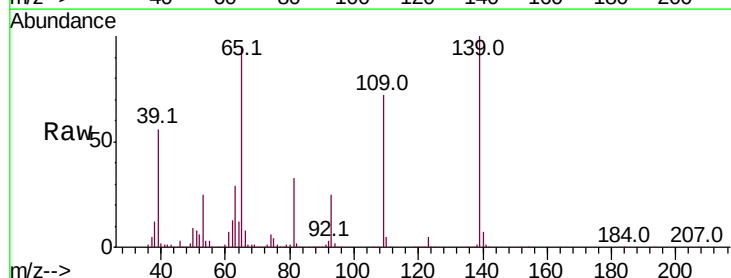
Manual Integrations
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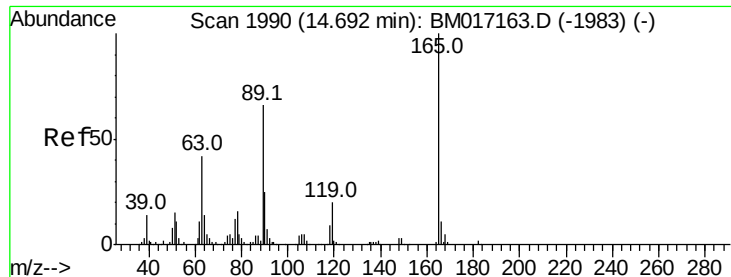
Sohil
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#56
4-Nitrophenol
Concen: 108.752 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion:139 Resp: 1533799
Ion Ratio Lower Upper
139 100
109 72.4 51.8 91.8
65 94.5 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 46.510 ng

RT: 14.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

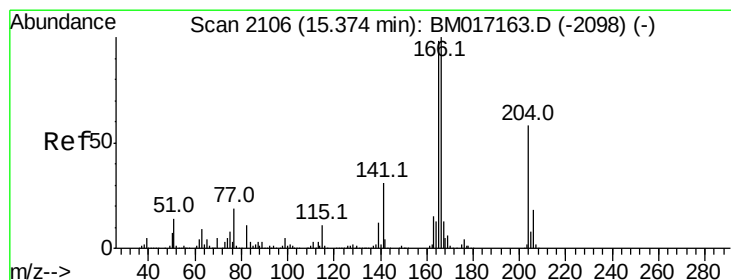
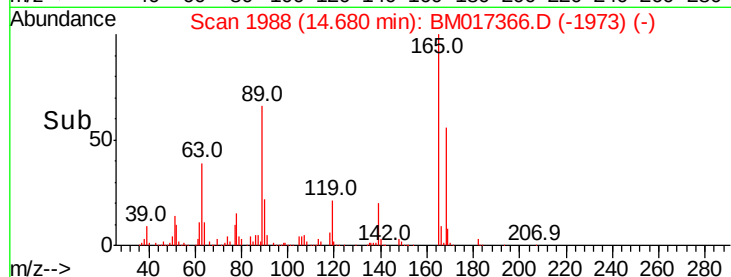
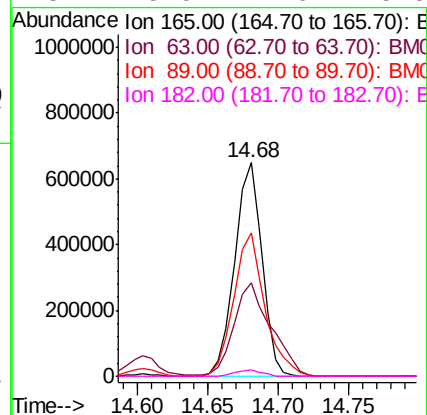
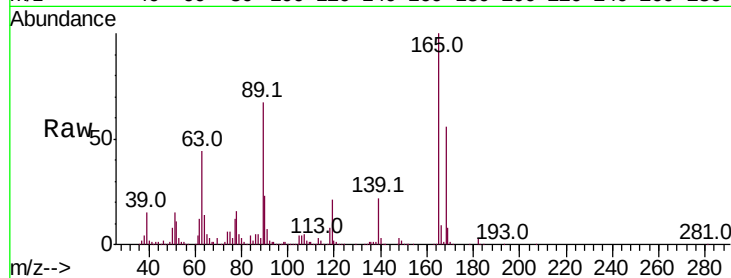
ClientSampled :

PB114211BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	878627		
63	43.8		33.8	50.8
89	67.0		53.1	79.7
182	3.0		2.0	3.0

Manual Integrations
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10/29/2018 2:15:08 PM



#58

Fluorene

Concen: 44.061 ng

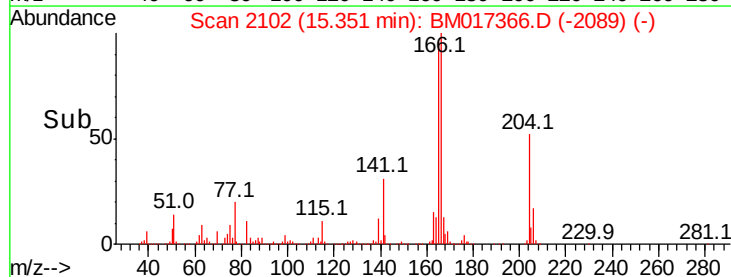
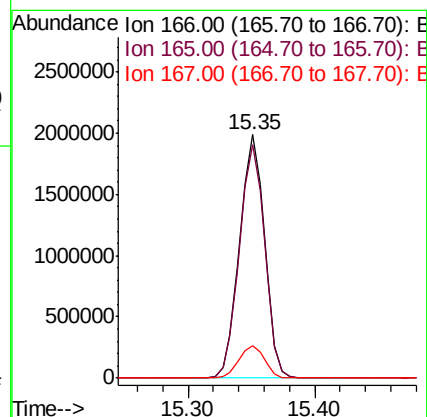
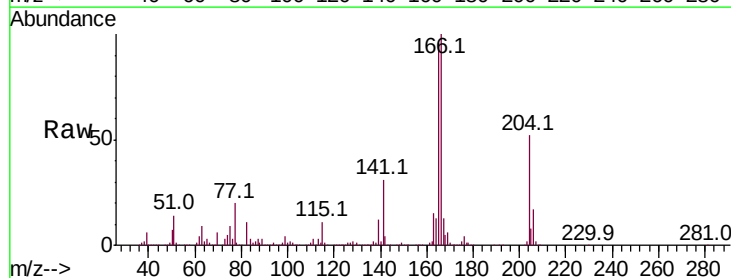
RT: 15.35 min Scan# 2102

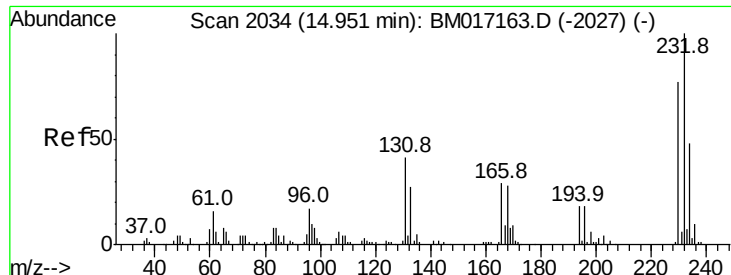
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2704806		
165	96.1		78.1	117.1
167	13.4		10.6	16.0





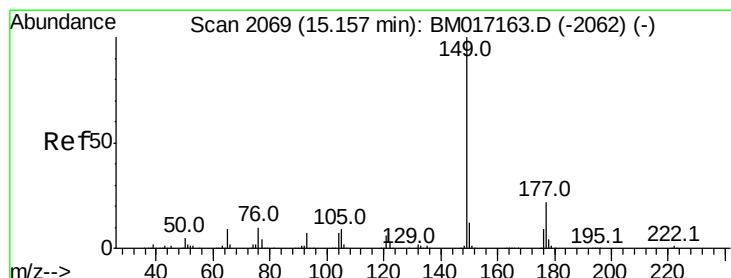
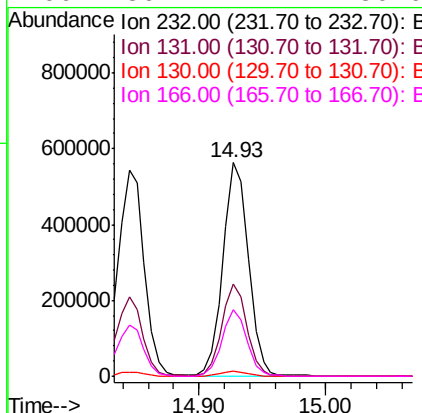
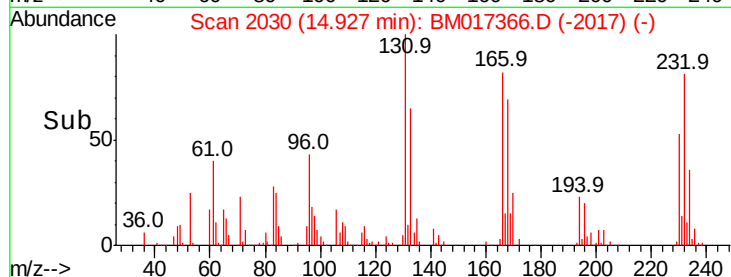
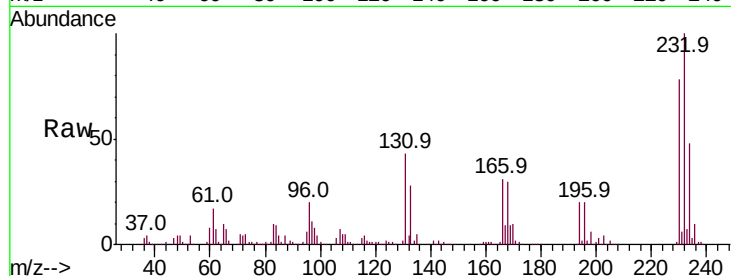
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.324 ng
 RT: 14.93 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	782761		
131	42.7		33.1	49.7
130	2.3		1.7	2.5
166	30.7		24.4	36.6

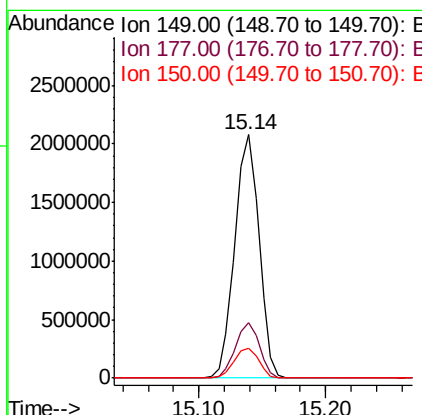
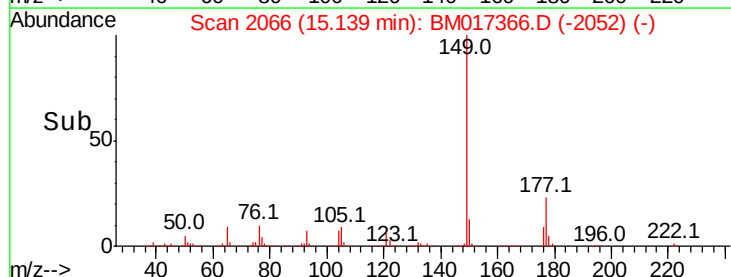
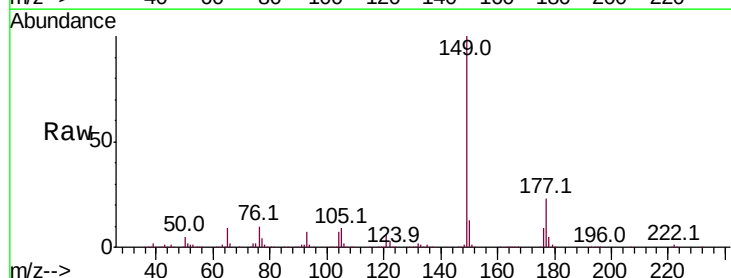
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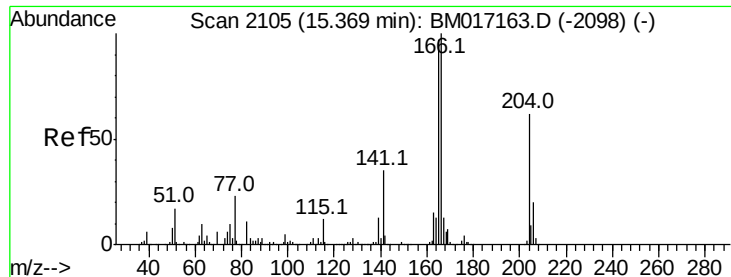
Sohil
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#60
 Diethylphthalate
 Concen: 43.415 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2749532		
177	23.0		17.7	26.5
150	12.5		10.0	15.0





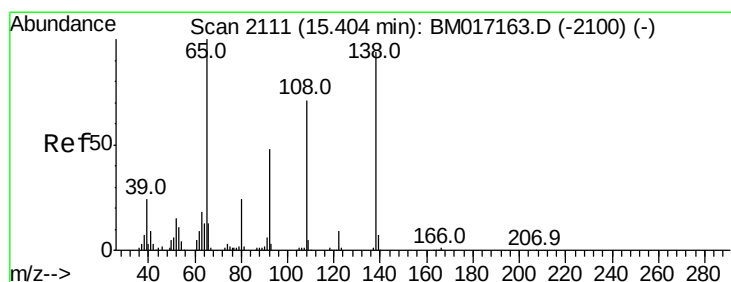
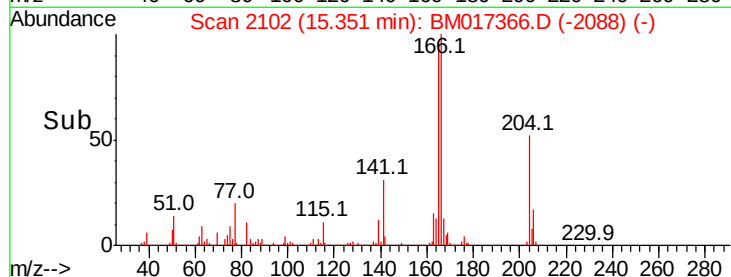
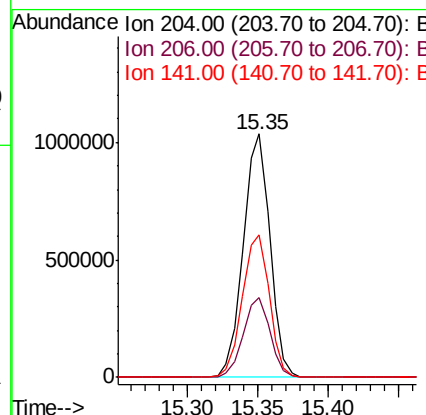
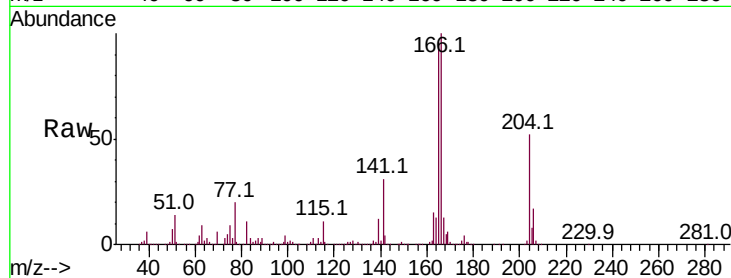
#61
4-Chlorophenyl-phenylether
Concen: 39.064 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	58.5	45.4	68.2

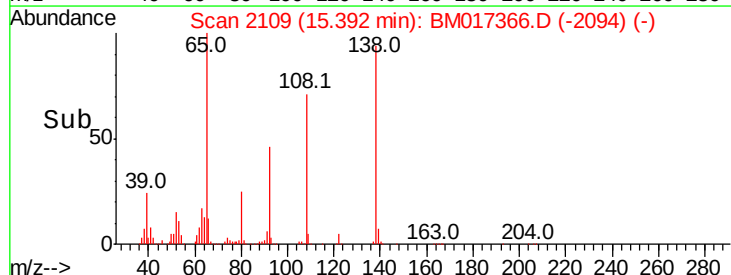
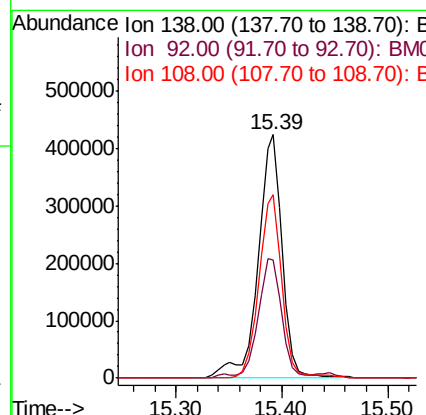
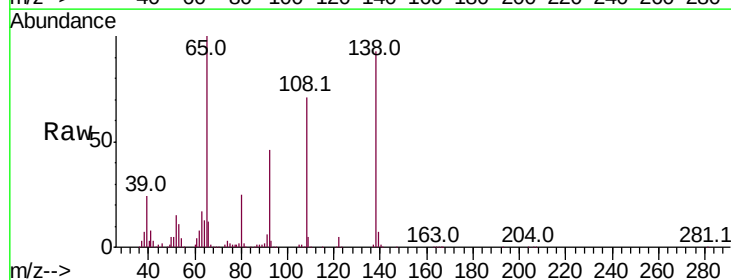
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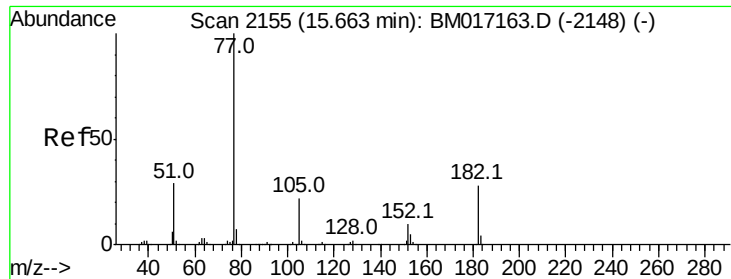
Sohil
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#62
4-Nitroaniline
Concen: 40.740 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.2	71.2
108	75.5	55.5	95.5





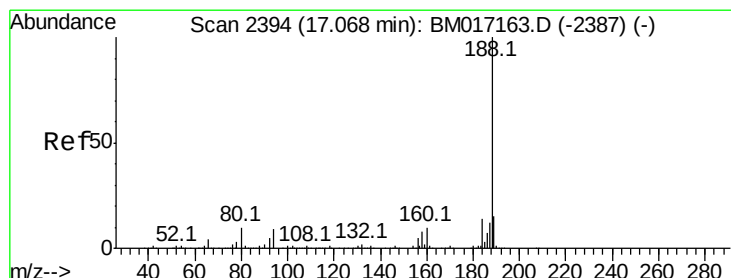
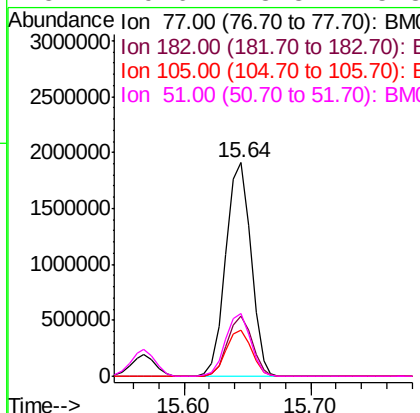
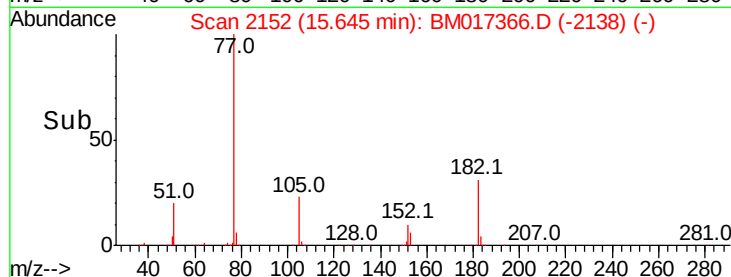
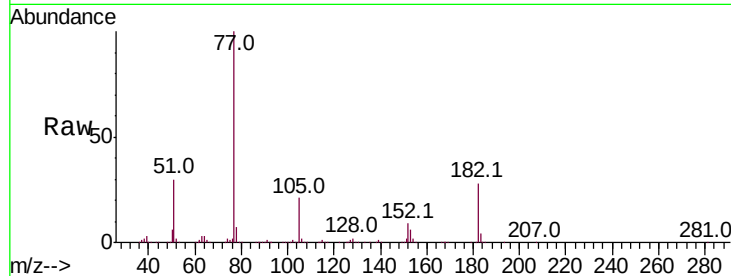
#63
Azobenzene
Concen: 42.568 ng
RT: 15.64 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampled :
PB114211BS

Tot Ion	77	Resp	2620385
Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.3	48.3
105	21.4	1.5	41.5
51	29.6	8.8	48.8

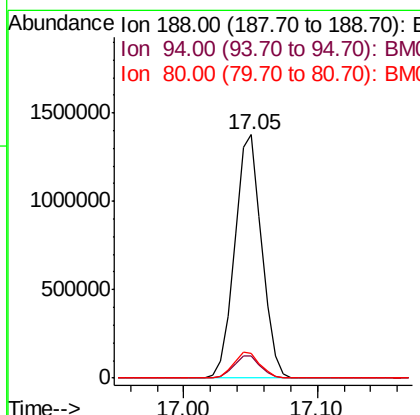
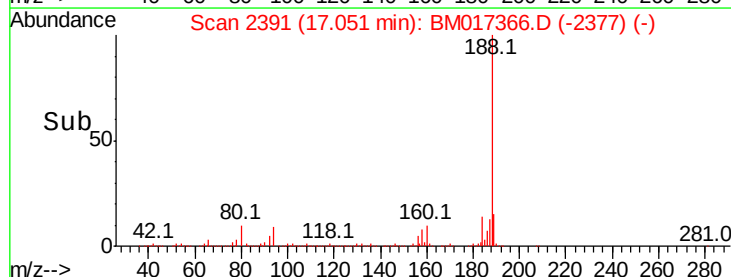
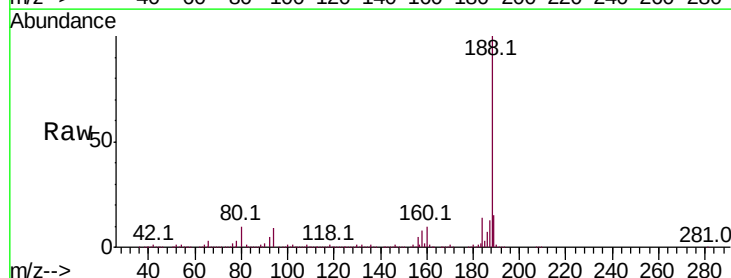
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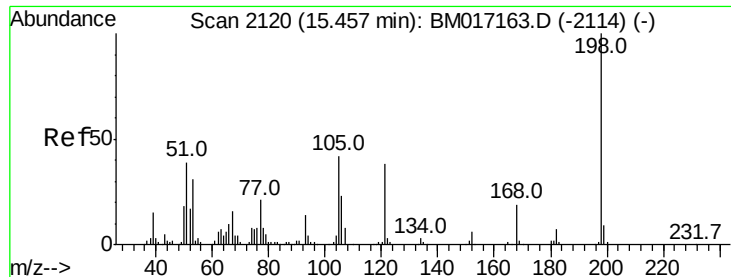
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	188	Resp	1922549
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.9	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 42.514 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

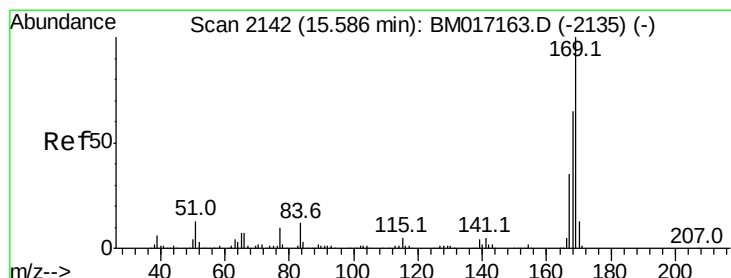
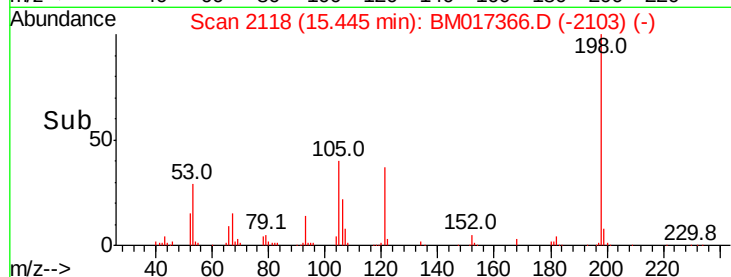
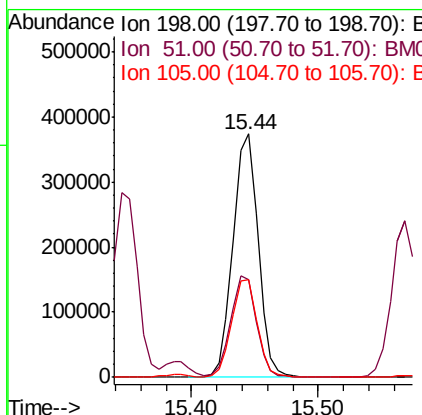
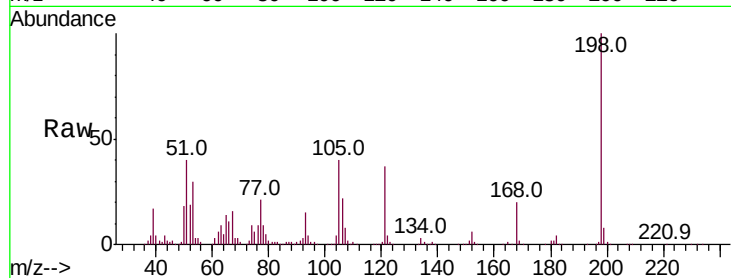
ClientSampleId :

PB114211BS

Tot Ion:	198	Resp:	513299
Ion Ratio	Lower	Upper	
198	100		
51	40.0	20.3	60.3
105	40.2	21.9	61.9

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#66

n-Nitrosodiphenylamine

Concen: 42.174 ng

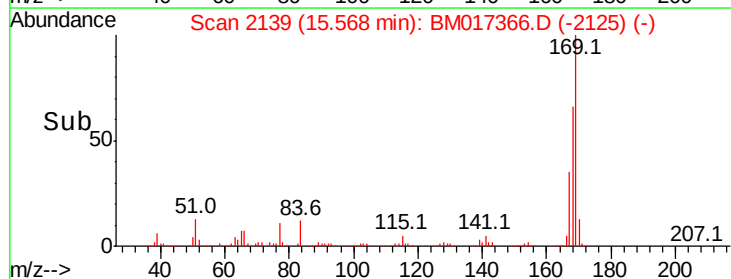
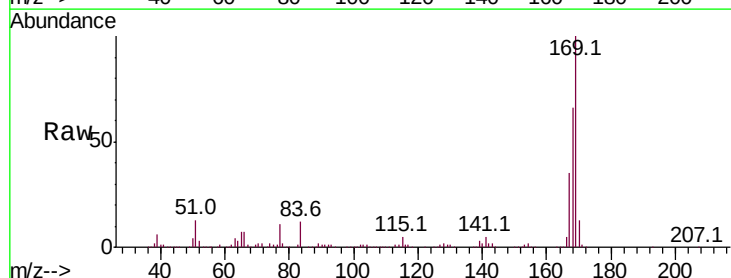
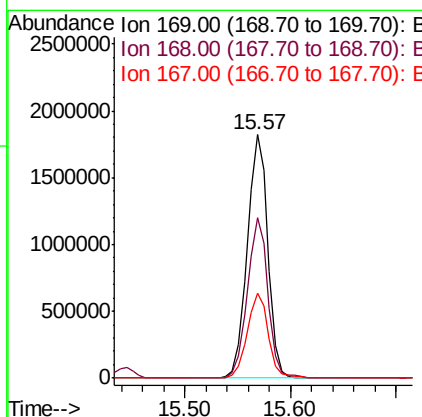
RT: 15.57 min Scan# 2139

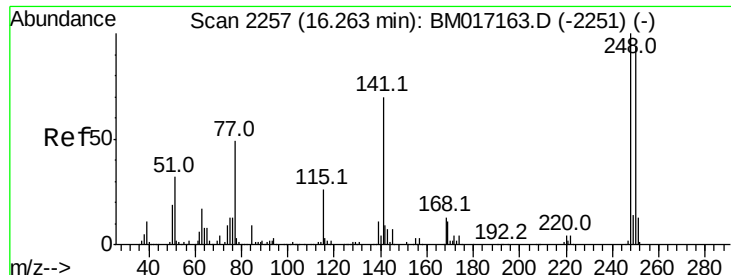
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion:	169	Resp:	2453096
Ion Ratio	Lower	Upper	
169	100		
168	66.0	52.2	78.4
167	35.1	28.4	42.6





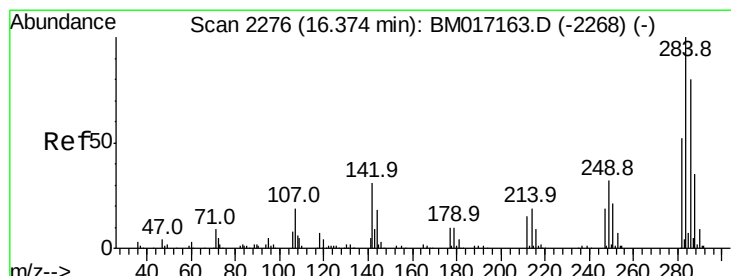
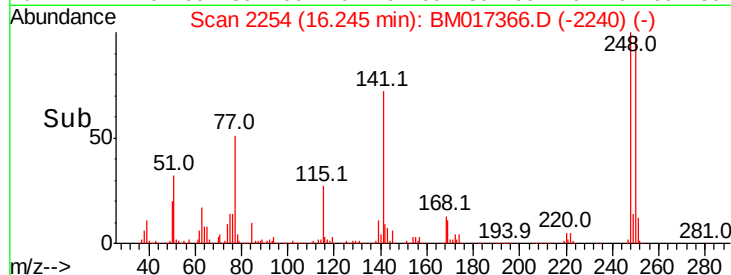
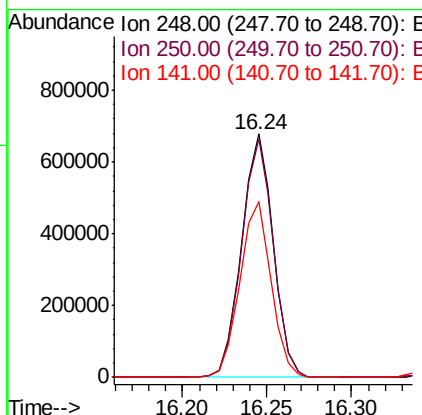
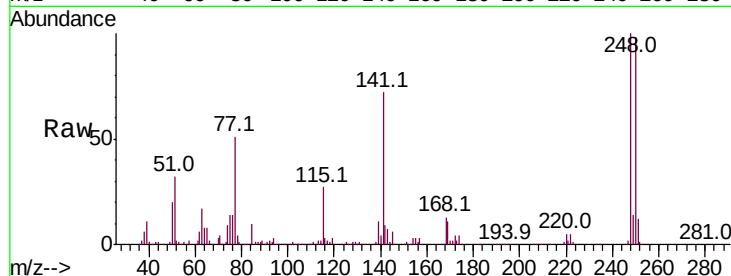
#67
 4-Bromophenyl-phenylether
 Concen: 41.890 ng
 RT: 16.24 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Tot Ion:	248	Resp:	884292
Ion Ratio	Lower	Upper	
248	100		
250	97.8	75.1	112.7
141	72.3	55.6	83.4

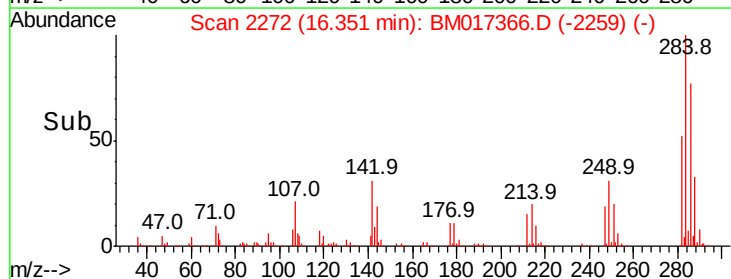
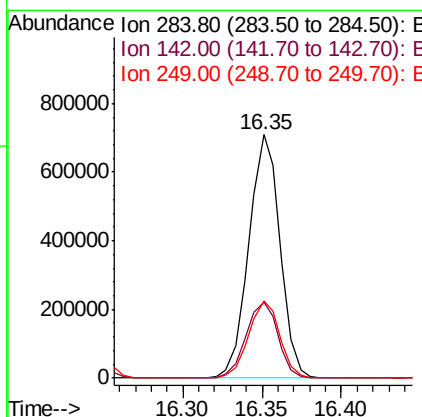
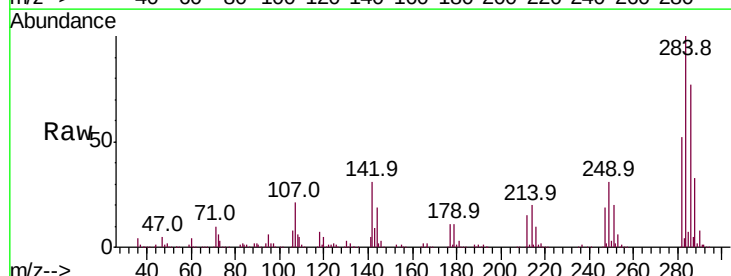
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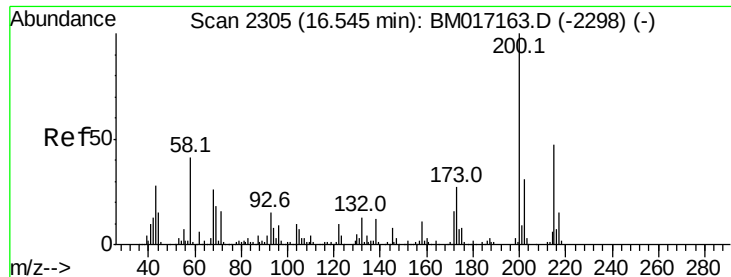
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#68
 Hexachlorobenzene
 Concen: 39.481 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Tgt Ion:	284	Resp:	968111
Ion Ratio	Lower	Upper	
284	100		
142	31.2	25.0	37.6
249	31.5	25.5	38.3





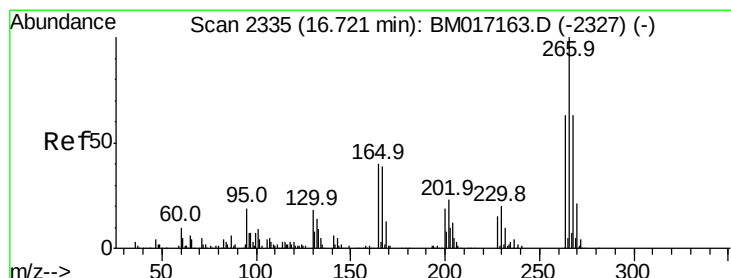
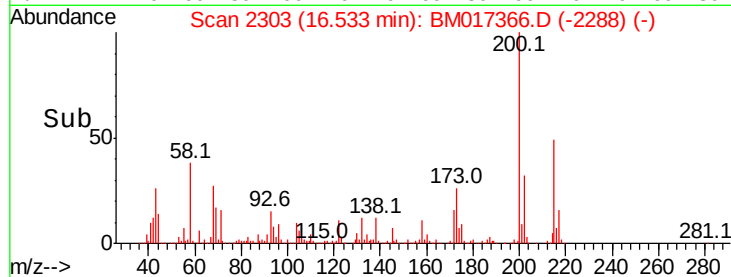
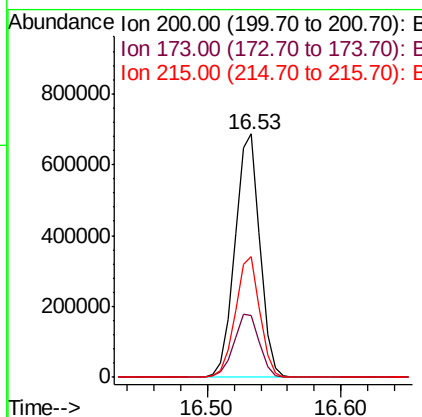
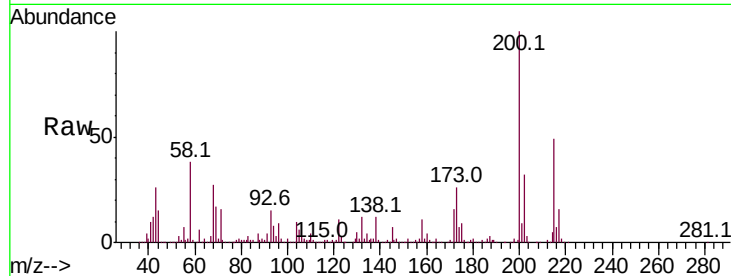
#69
Atrazine
Concen: 42.774 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.0	47.0
215	49.4	27.3	67.3

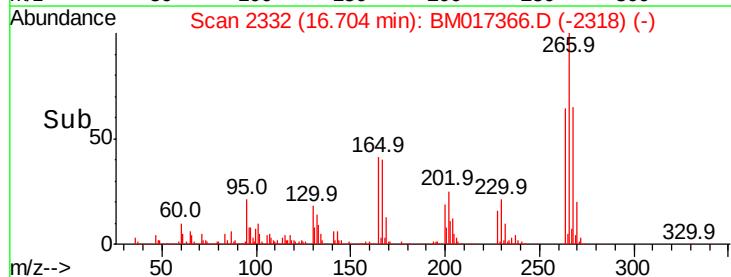
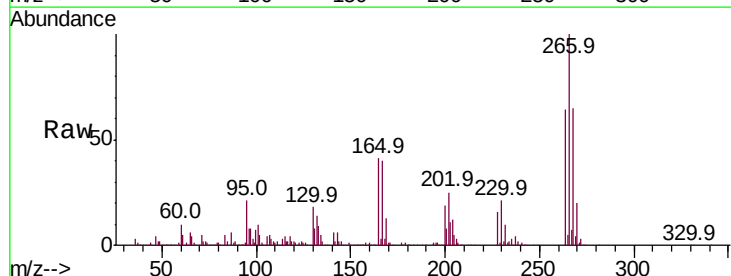
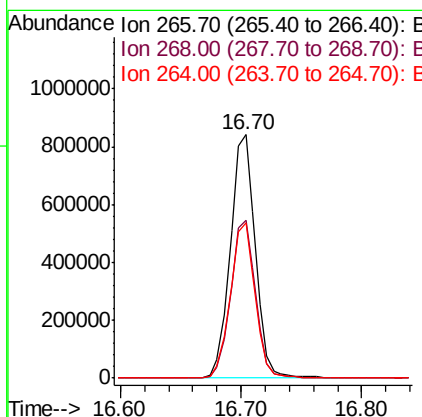
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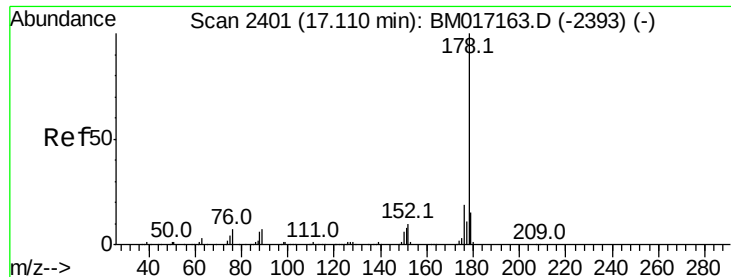
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#70
Pentachlorophenol
Concen: 72.095 ng
RT: 16.70 min Scan# 2332
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.7	76.1
264	63.6	50.4	75.6





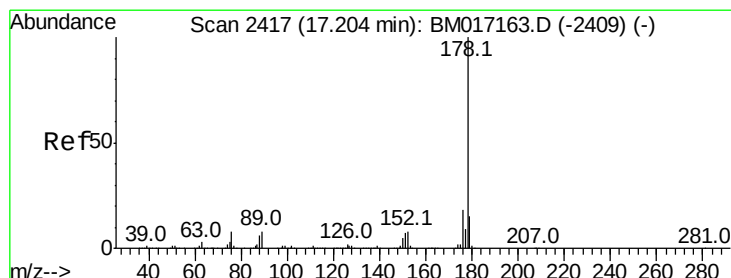
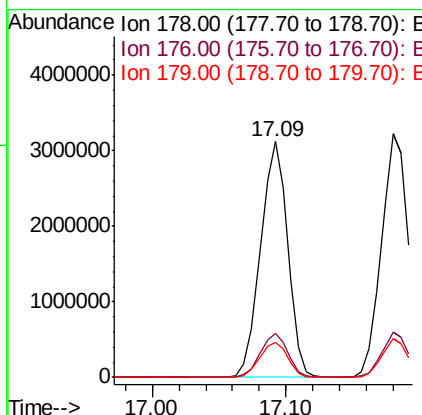
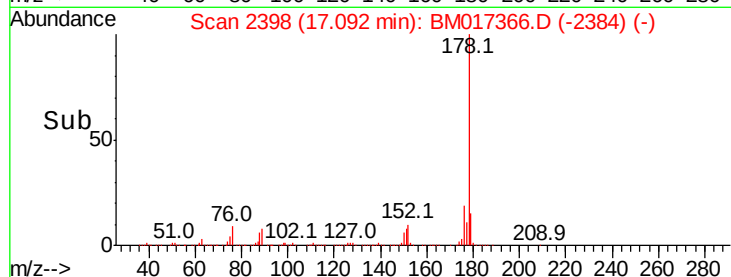
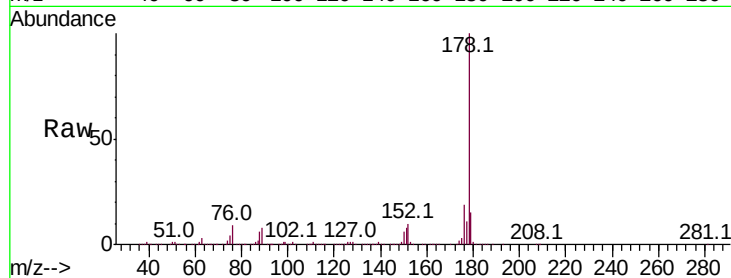
#71
Phenanthrene
Concen: 42.270 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion:178 Resp: 4384555
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.0 12.3 18.5

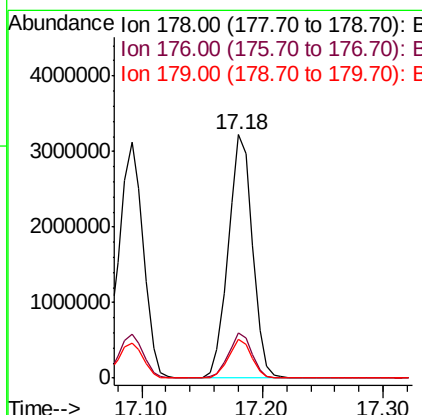
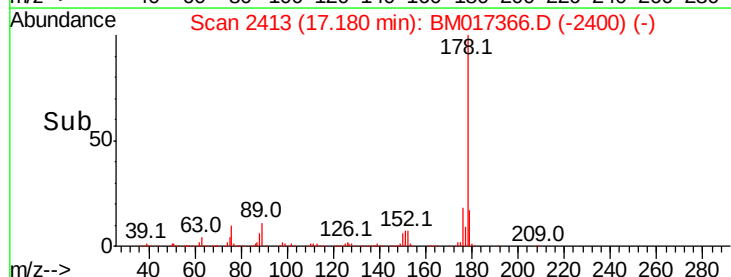
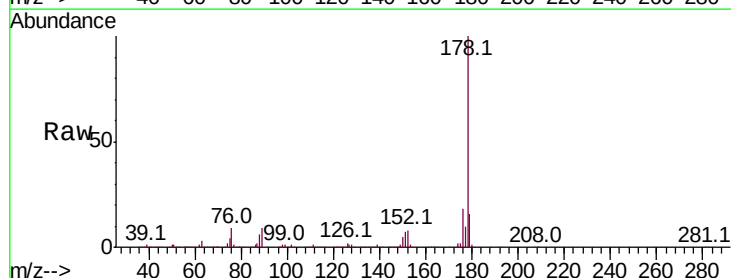
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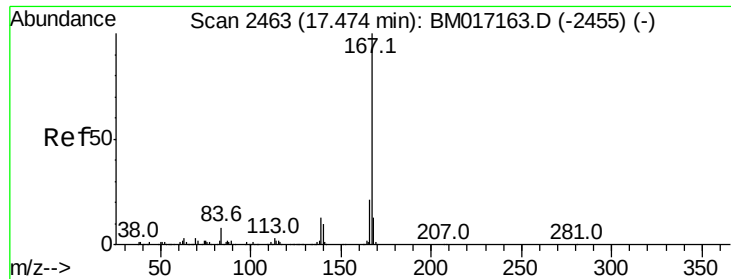
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#72
Anthracene
Concen: 45.426 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion:178 Resp: 4477201
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.8 12.2 18.2





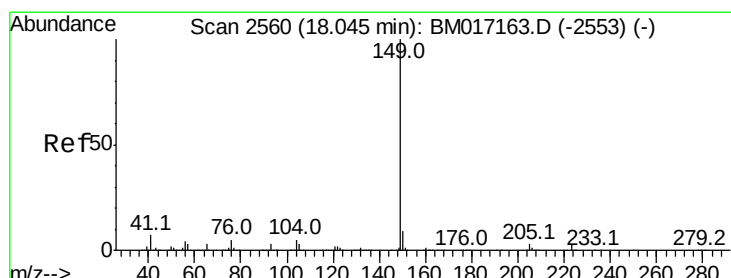
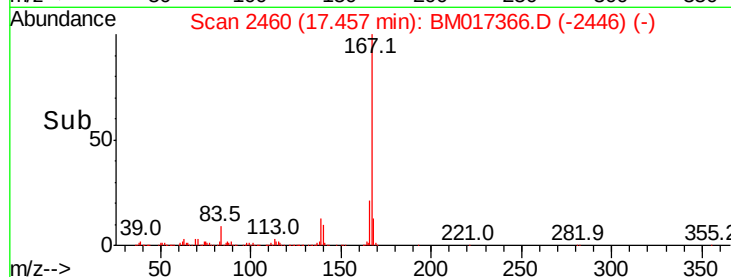
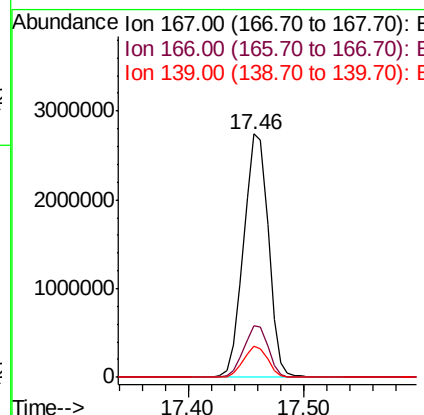
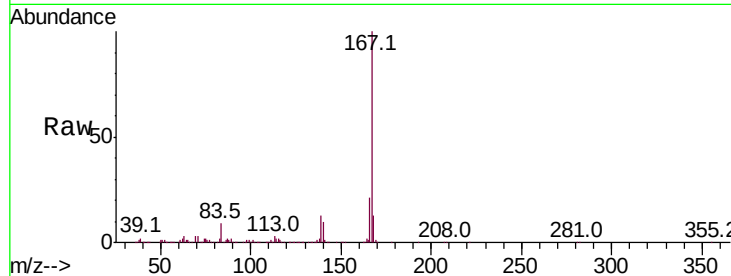
#73
 Carbazole
 Concen: 40.607 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.6	10.1	15.1

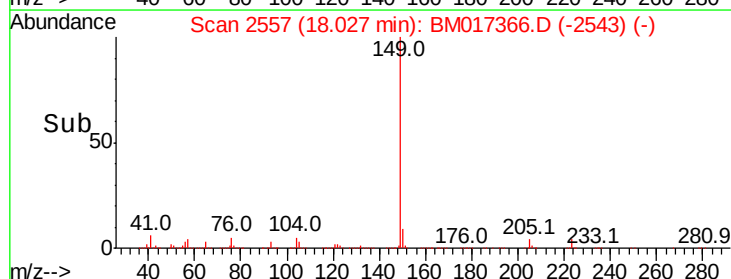
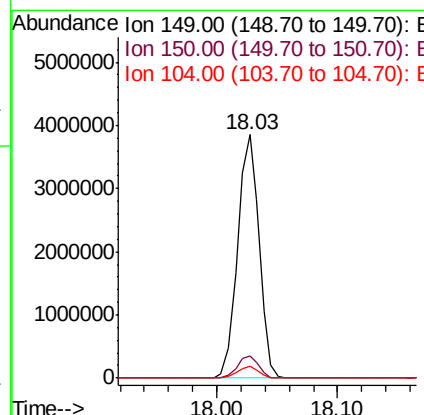
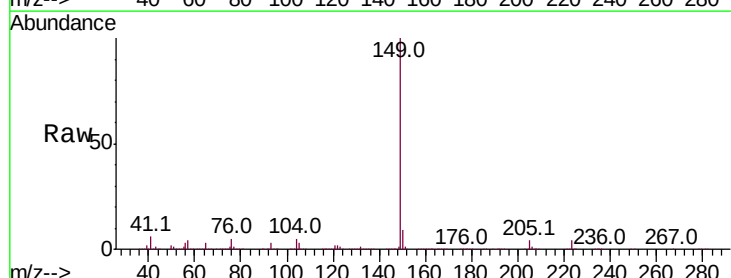
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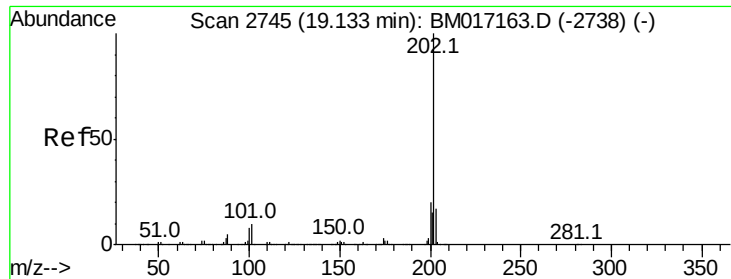
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#74
 Di-n-butylphthalate
 Concen: 44.828 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.3	6.5





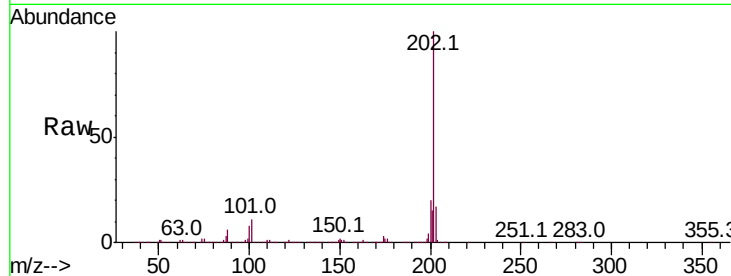
#75
 Fluoranthene
 Concen: 43.790 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.0
203	17.3	0.0	37.2

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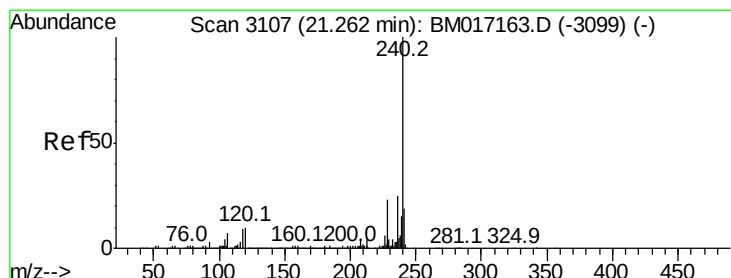
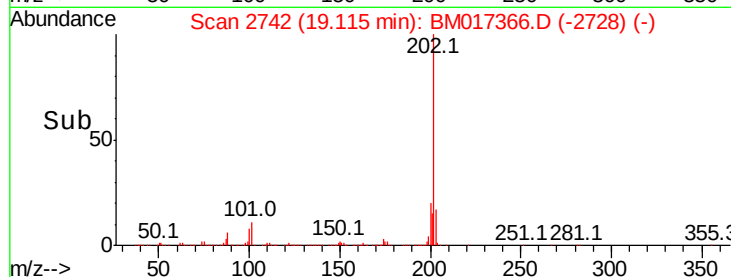
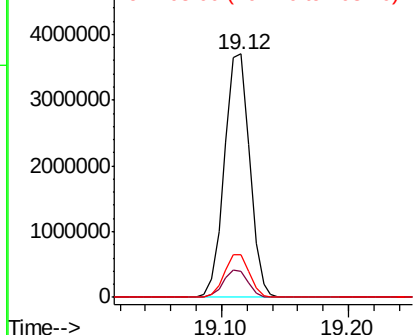


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

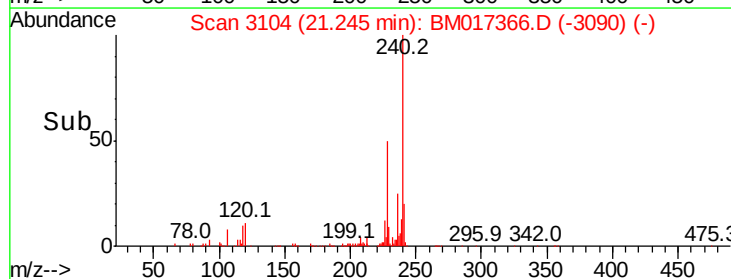
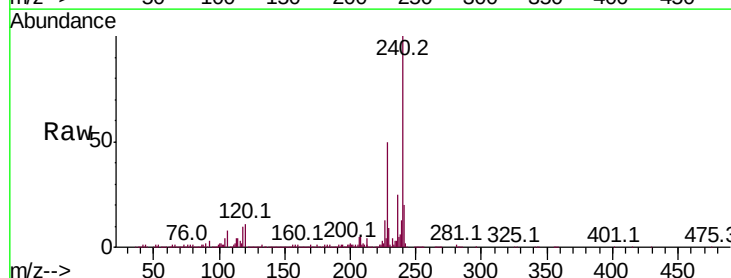
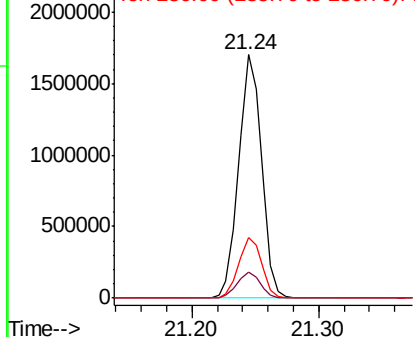
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	24.8	19.9	29.9

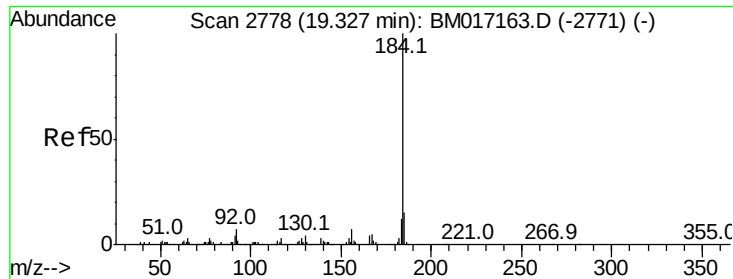
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.457 ng

RT: 19.31 min Scan# 2775

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

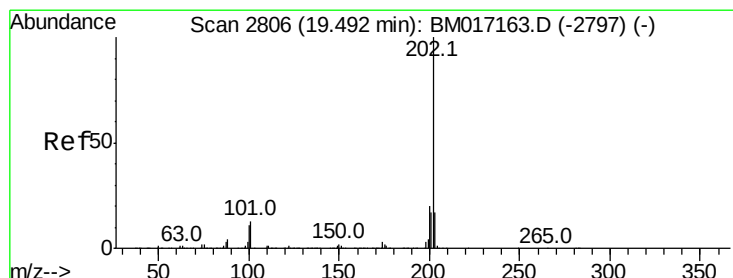
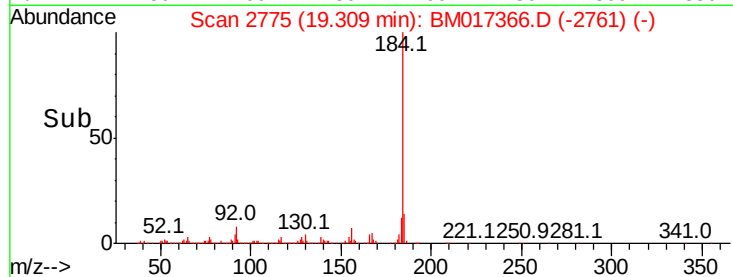
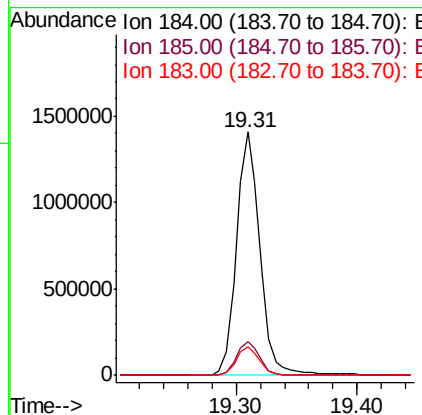
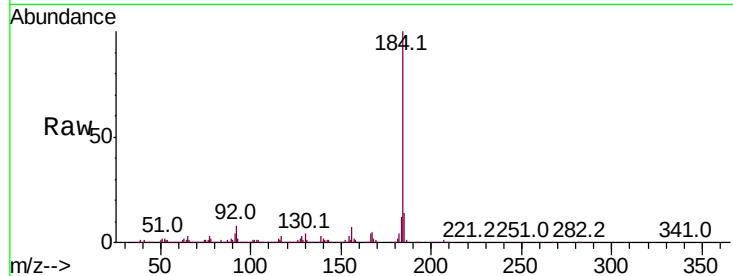
ClientSampleId :

PB114211BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.8
183	11.6	9.7	14.5

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#78

Pyrene

Concen: 43.905 ng

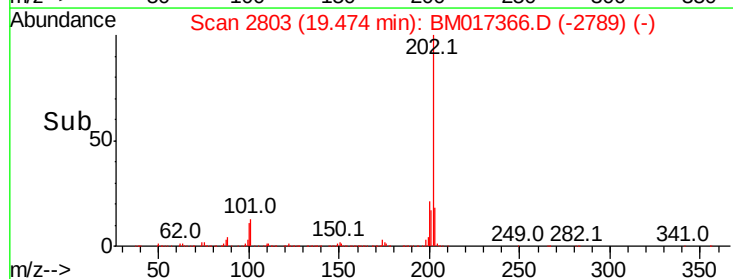
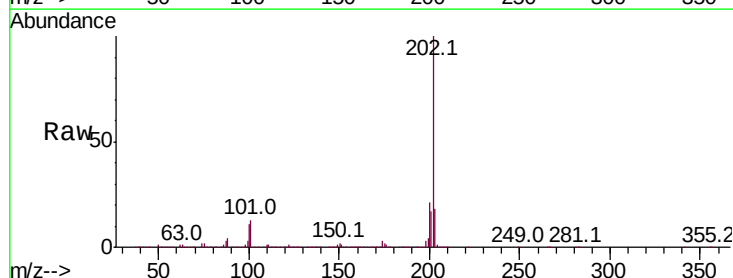
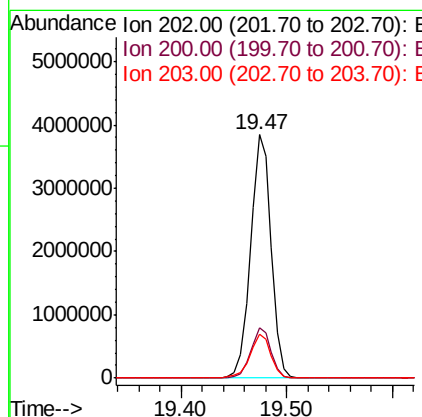
RT: 19.47 min Scan# 2803

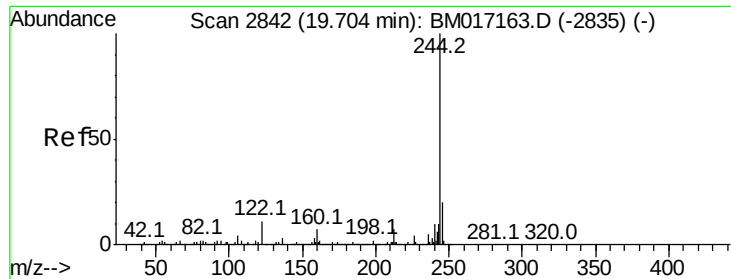
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.8	13.9	20.9





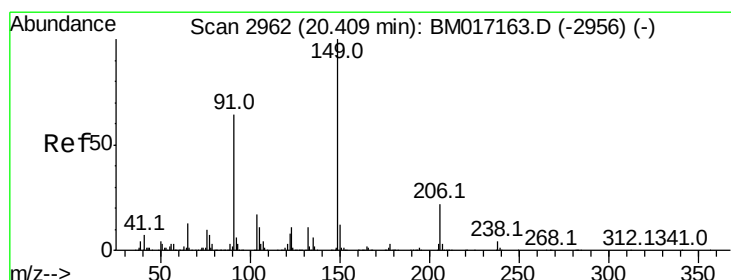
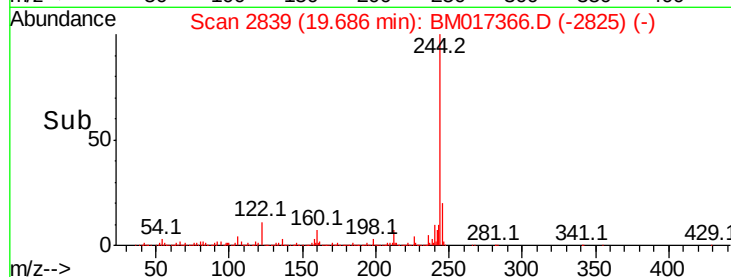
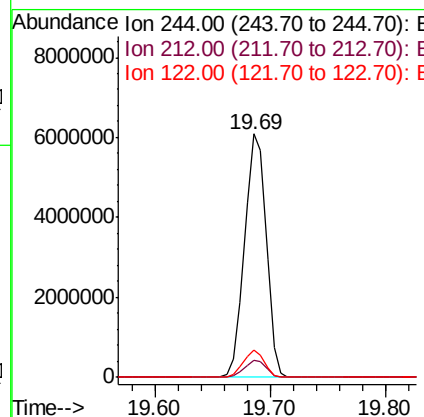
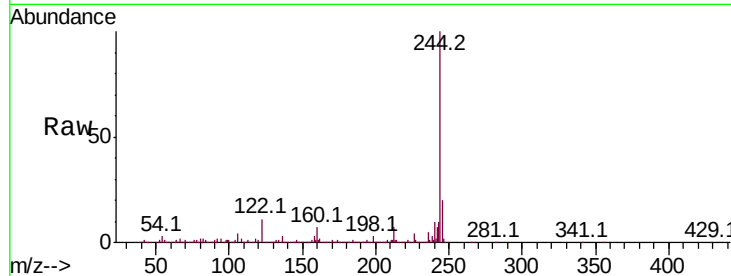
#79
 Terphenyl-d14
 Concen: 84.327 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	11.4	8.4	12.6

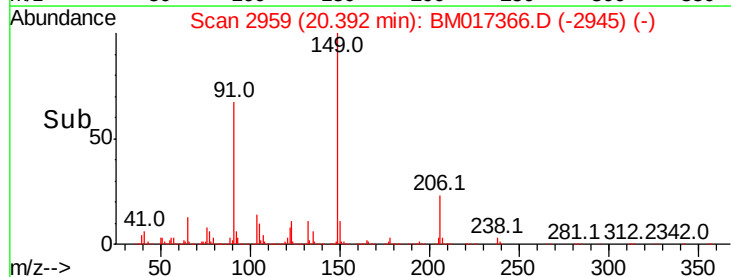
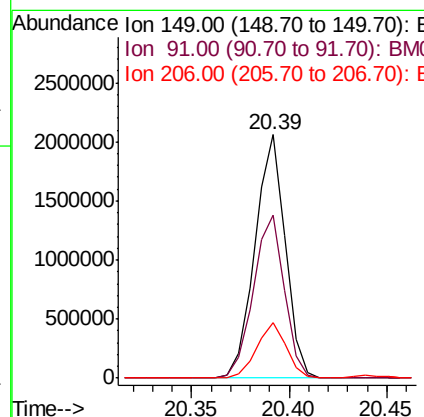
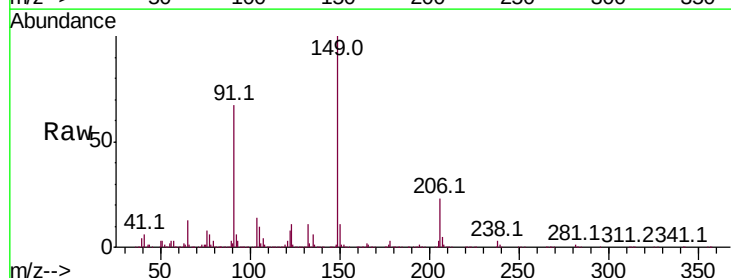
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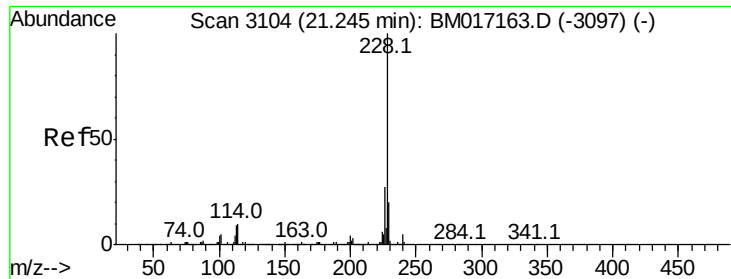
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#80
 Butylbenzylphthalate
 Concen: 49.052 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017366.D
 Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	51.3	76.9
206	22.7	18.0	27.0





#81

Benzo(a)anthracene

Concen: 44.031 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion:228 Resp: 5246178

Ion Ratio Lower Upper

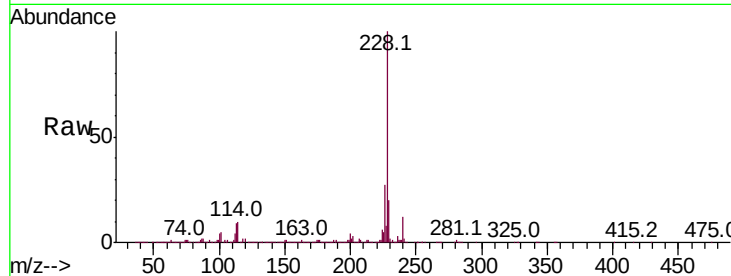
228 100

226 26.5 21.4 32.0

229 19.6 15.9 23.9

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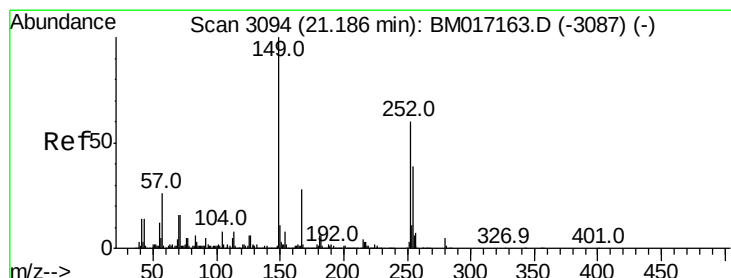
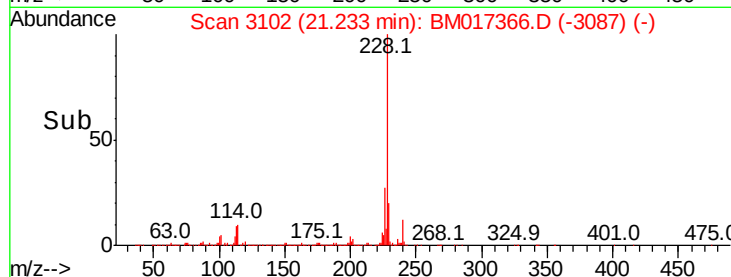
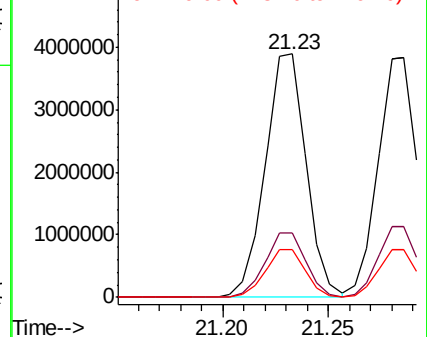


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.055 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

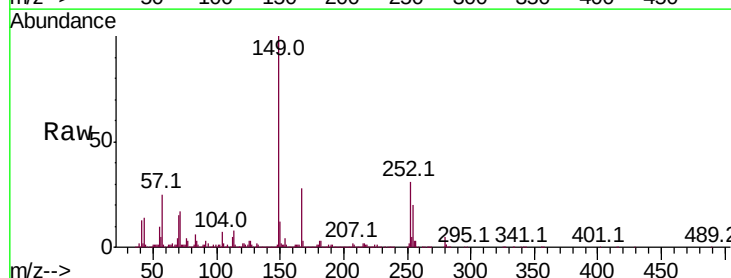
Tgt Ion:252 Resp: 1112618

Ion Ratio Lower Upper

252 100

254 63.7 52.1 78.1

126 10.9 8.6 12.8

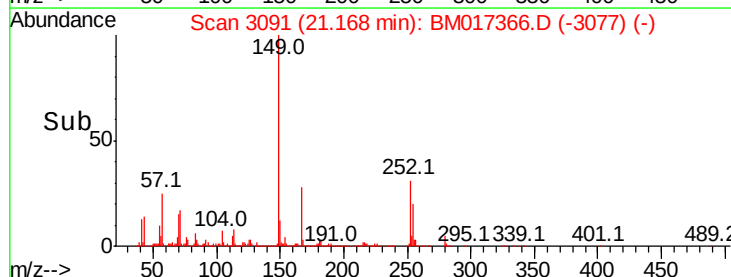
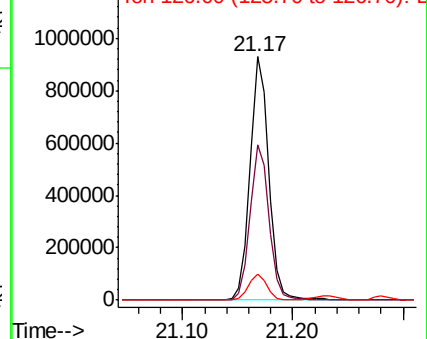


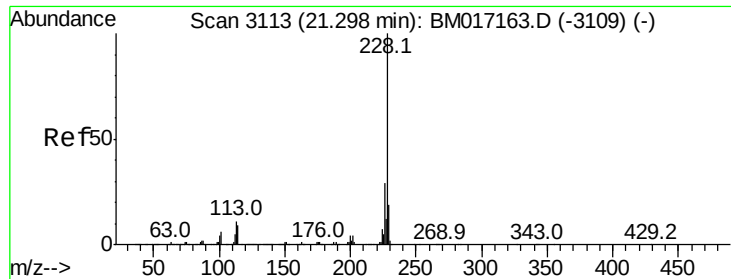
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.766 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion:228 Resp: 4925485

Ion Ratio Lower Upper

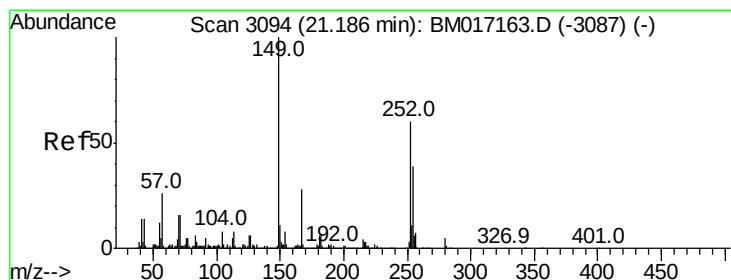
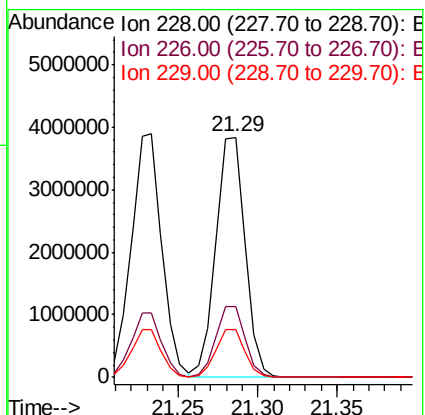
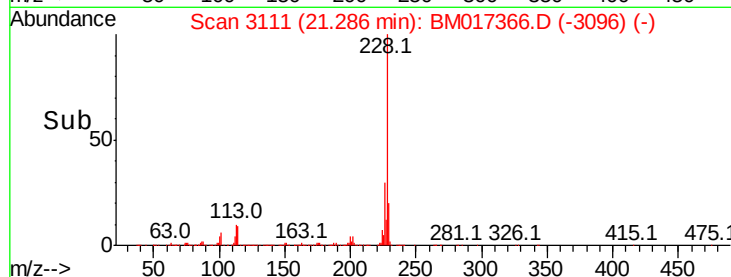
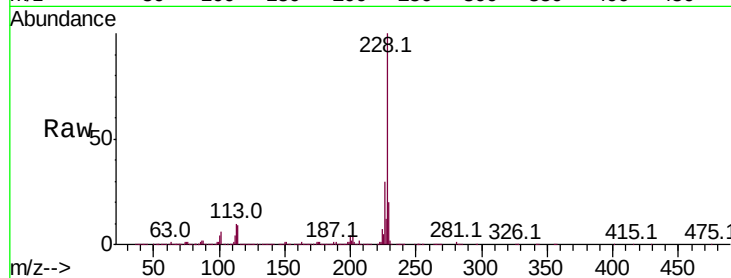
228 100

226 29.5 23.3 34.9

229 19.7 15.6 23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.576 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

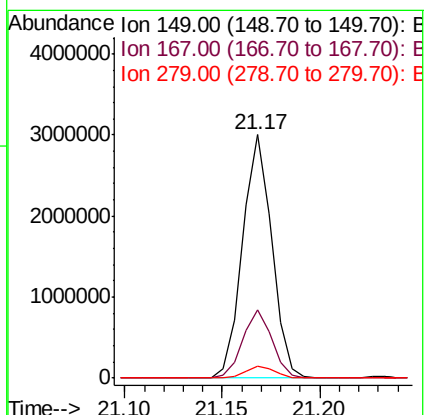
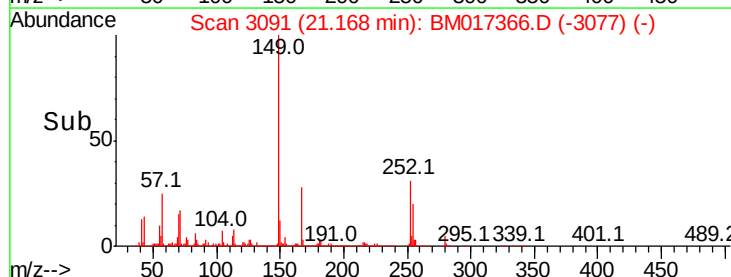
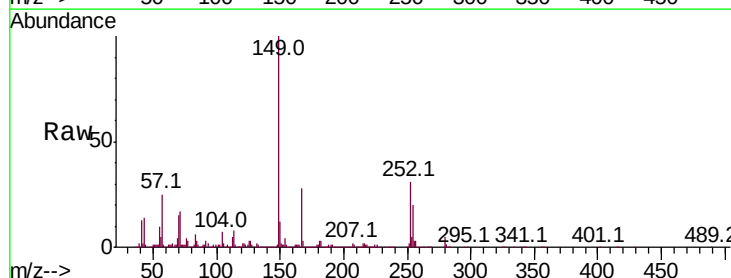
Tgt Ion:149 Resp: 3119208

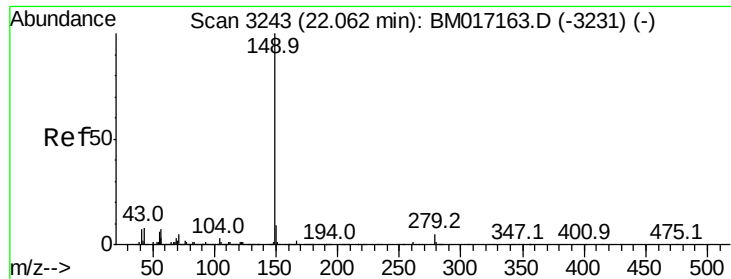
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.266 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

ClientSampleId :

PB114211BS

Tot Ion:149 Resp: 5505500

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

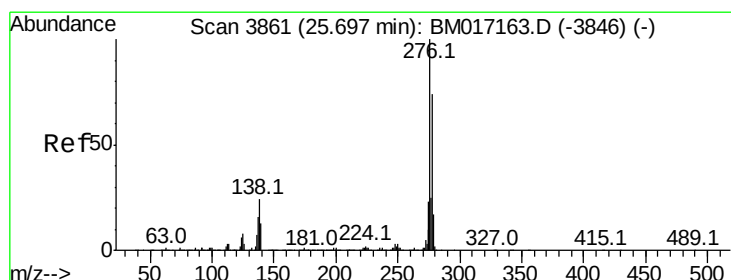
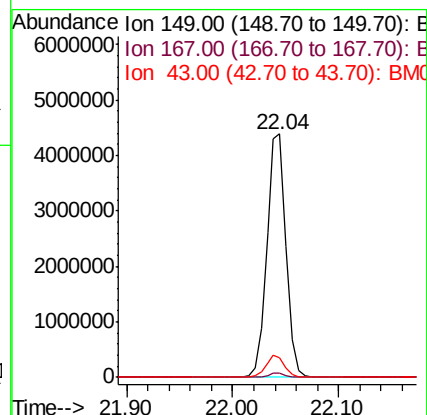
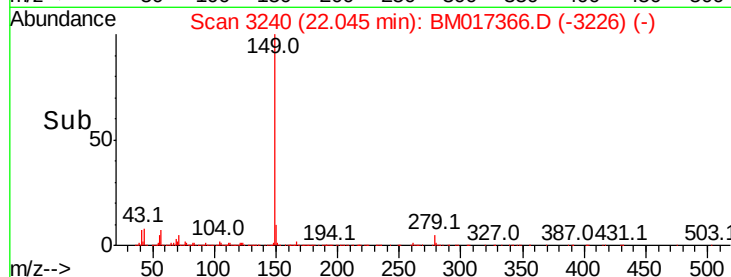
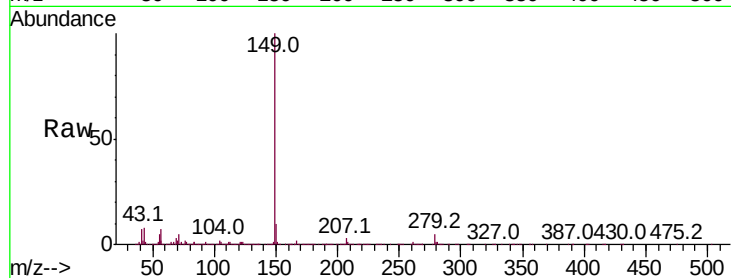
43 8.9 7.2 10.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.998 ng

RT: 25.67 min Scan# 3856

Delta R.T. -0.03 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

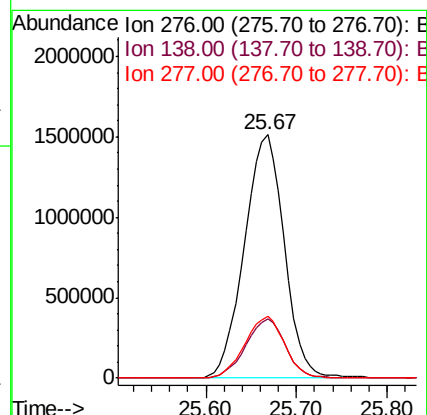
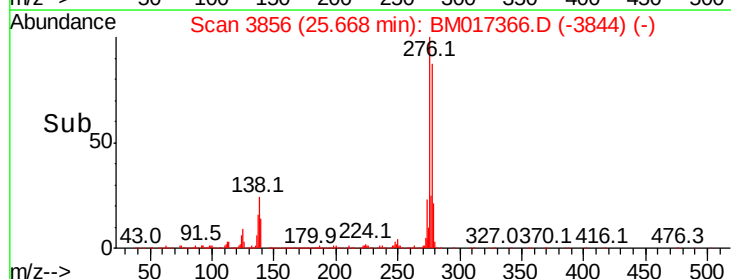
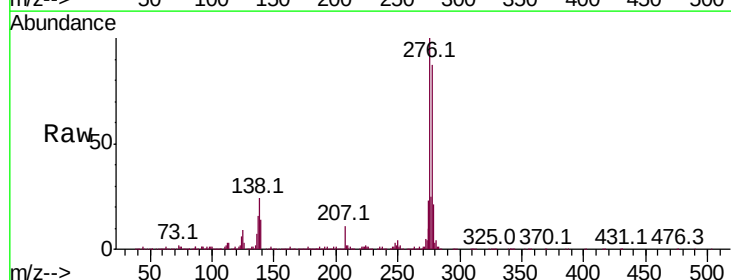
Tgt Ion:276 Resp: 4616431

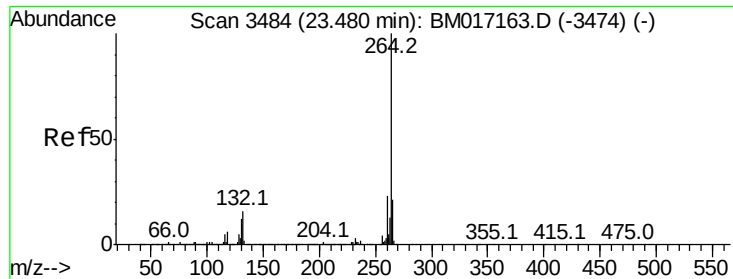
Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

277 25.3 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3479

Delta R.T. -0.03 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Instrument :

BNA_M

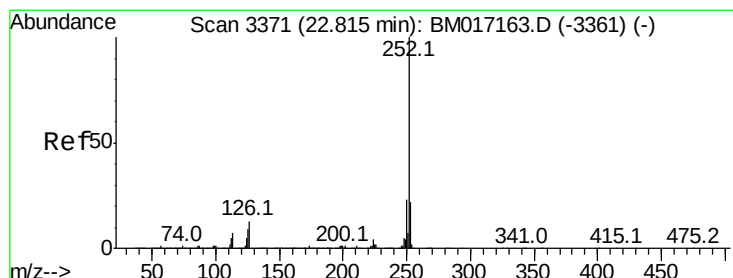
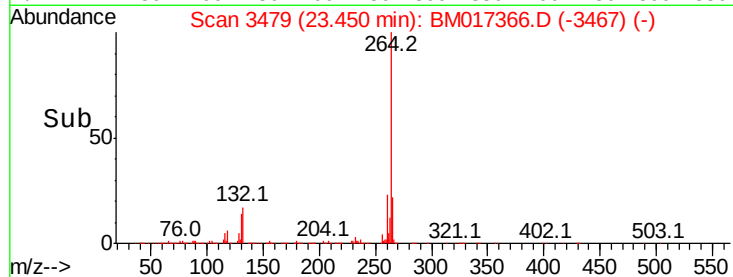
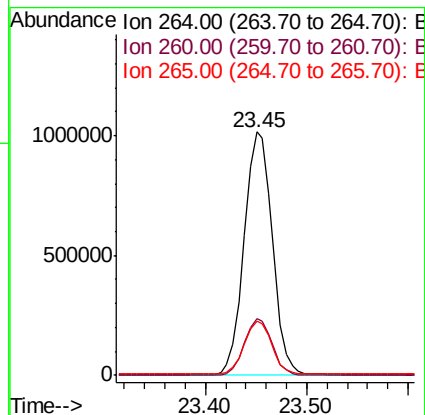
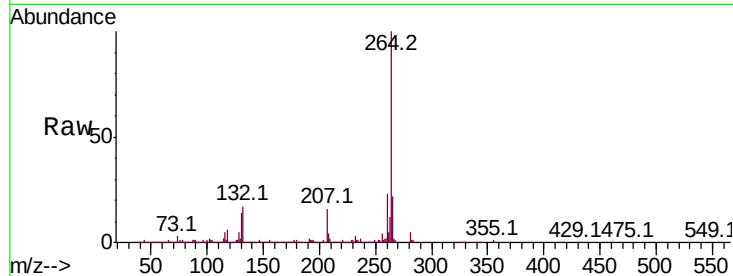
ClientSampleId :

PB114211BS

Tot Ion:	264	Resp:	1959254
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.2	17.8	26.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 46.337 ng

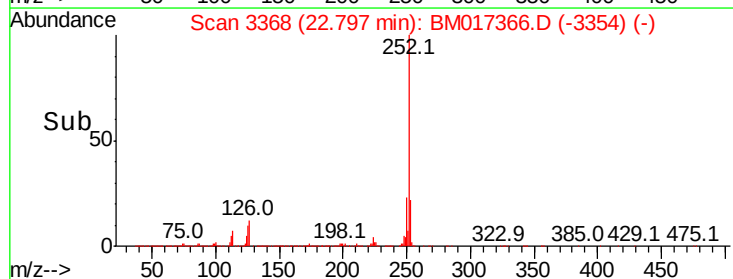
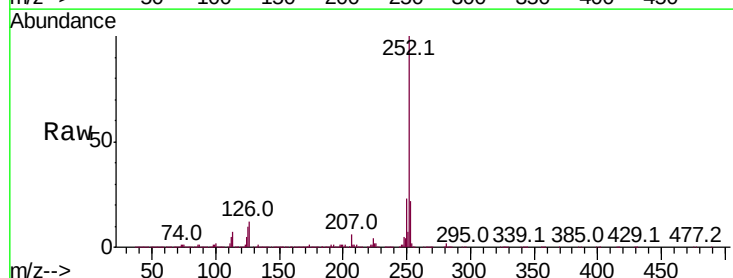
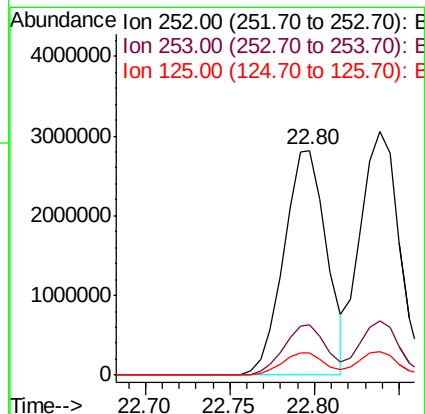
RT: 22.80 min Scan# 3368

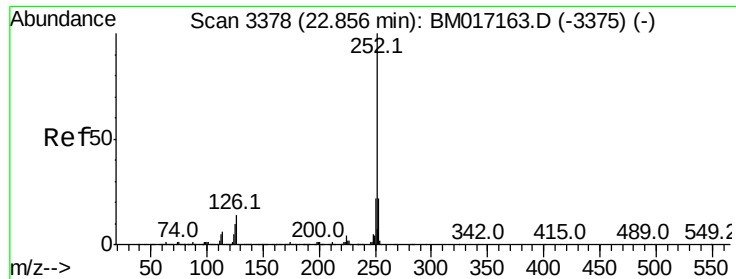
Delta R.T. -0.02 min

Lab File: BM017366.D

Acq: 27 Oct 2018 01:59

Tgt Ion:	252	Resp:	4963589
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.7	7.5	11.3





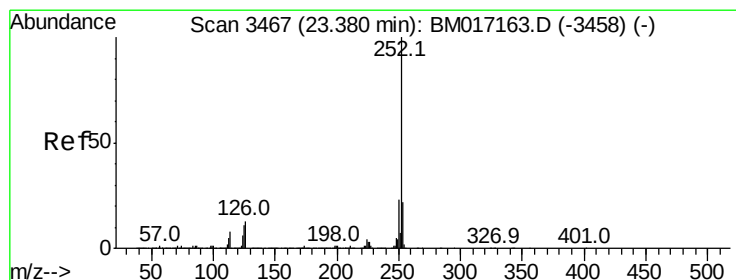
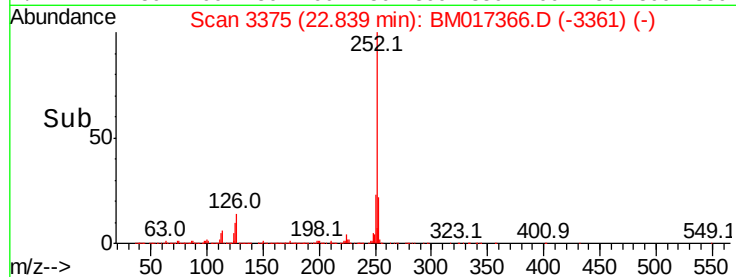
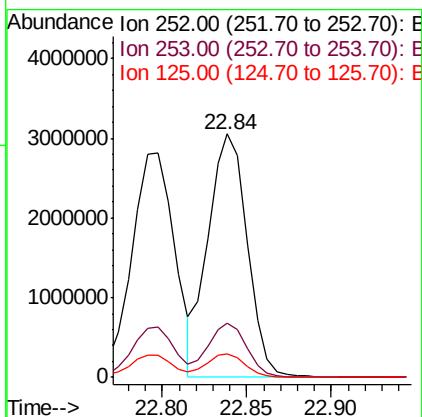
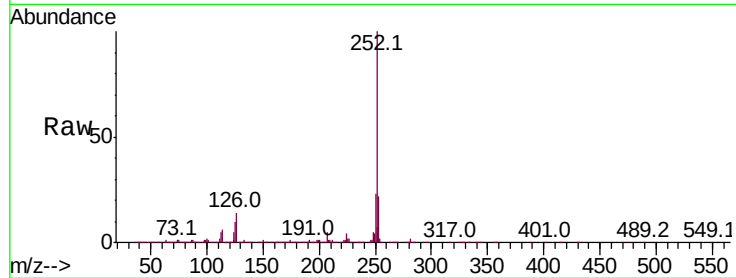
#89
Benzo(k)fluoranthene
Concen: 45.581 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.8	8.2	12.2

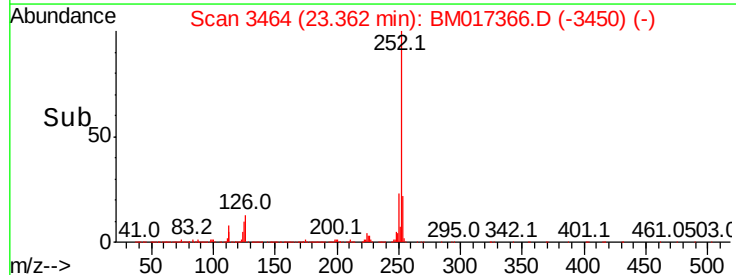
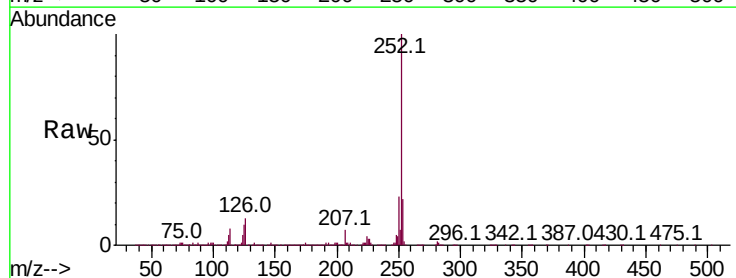
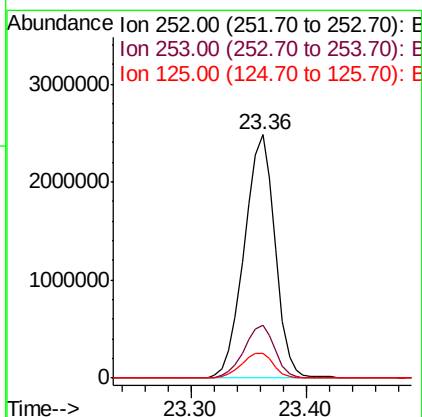
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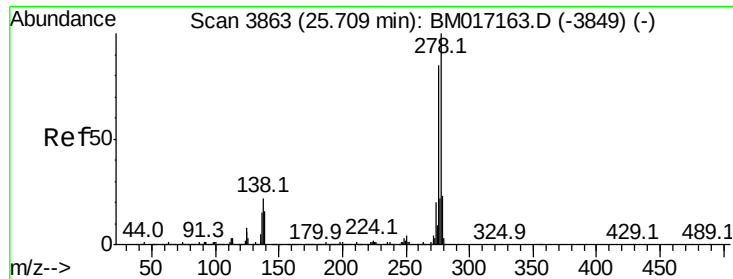
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#90
Benzo(a)pyrene
Concen: 45.260 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.4	8.6	13.0





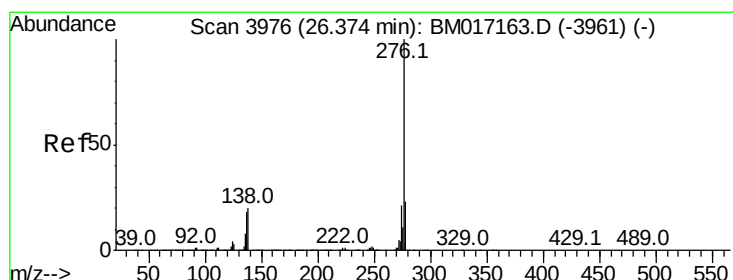
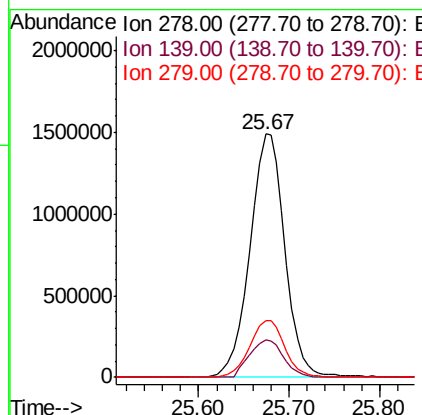
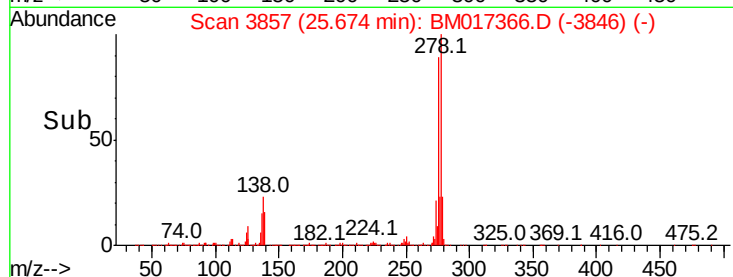
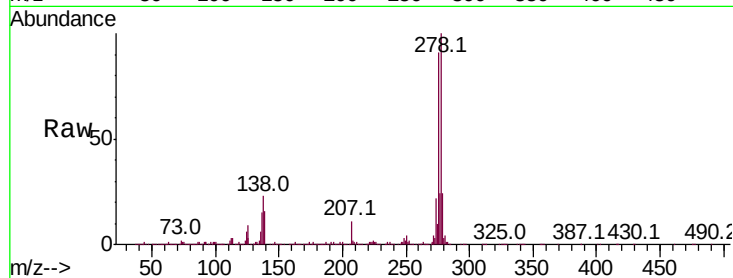
#91
Dibenzo(a,h)anthracene
Concen: 39.322 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.04 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	23.5	18.7	28.1

Manual Integrations
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10/29/2018 2:15:08 PM



#92
Benzo(g,h,i)perylene
Concen: 36.036 ng
RT: 26.34 min Scan# 3970
Delta R.T. -0.04 min
Lab File: BM017366.D
Acq: 27 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	20.5	16.4	24.6

