

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017595.D
 Acq On : 09 Nov 2018 17:24
 Operator : MJ/SJ
 Sample : PB114669BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Manual Integrations
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Sohil
 11/12/2018 11:53:10 AM

Quant Time: Nov 12 01:09:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	226343	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	1002365	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	606424	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1395747	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1470080	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1306120	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	2339806	174.84	ng	-0.02
7) Phenol-d6	6.82	99	3170774	173.97	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1553884	90.67	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	1460094	178.04	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3735436	81.96	ng	-0.02
79) Terphenyl-d14	19.66	244	5598654	85.84	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	202562	29.642	ng	# 80
3) Pyridine	3.61	79	600201	38.172	ng	# 76
4) n-Nitrosodimethylamine	3.53	42	329084	52.135	ng	# 63
6) Aniline	6.96	93	898766	39.424	ng	95
8) 2-Chlorophenol	7.19	128	722523	46.669	ng	92
9) Benzaldehyde	6.78	77	450019	38.724	ng	93
10) Phenol	6.84	94	898245	45.792	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	630074	40.294	ng	94
12) 1,3-Dichlorobenzene	7.51	146	722301	40.022	ng	96
13) 1,4-Dichlorobenzene	7.66	146	737049	39.972	ng	97
14) 1,2-Dichlorobenzene	7.96	146	711627	40.056	ng	99
15) Benzyl Alcohol	7.87	79	645282	48.436	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.15	45	956901	43.801	ng	96
17) 2-Methylphenol	8.07	107	612220	48.625	ng	95
18) Hexachloroethane	8.68	117	271187	42.975	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	542710	45.221	ng	96
20) 3+4-Methylphenols	8.39	107	833829	48.421	ng	95
22) Acetophenone	8.44	105	1046798	41.198	ng	# 95
24) Nitrobenzene	8.82	77	806444	44.484	ng	92
25) Isophorone	9.34	82	1436865	50.771	ng	96
26) 2-Nitrophenol	9.52	139	387739	45.973	ng	94
27) 2,4-Dimethylphenol	9.59	122	682056	54.503	ng	97
28) bis(2-Chloroethoxy)methane	9.82	93	904803	45.423	ng	99
29) 2,4-Dichlorophenol	10.05	162	708192	48.741	ng	96
30) 1,2,4-Trichlorobenzene	10.26	180	712674	40.888	ng	97
31) Naphthalene	10.44	128	2176986	44.318	ng	99
32) Benzoic acid	9.76	122	492815m	52.780	ng	
33) 4-Chloroaniline	10.57	127	523295	24.666	ng	96
34) Hexachlorobutadiene	10.72	225	426631	38.630	ng	99
35) Caprolactam	11.43	113	224179m	42.336	ng	
36) 4-Chloro-3-methylphenol	11.69	107	787898	48.107	ng	97
37) 2-Methylnaphthalene	12.06	142	1664512	49.518	ng	99
38) 1-Methylnaphthalene	12.28	142	1574637	48.130	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	855854	40.075	ng	# 98

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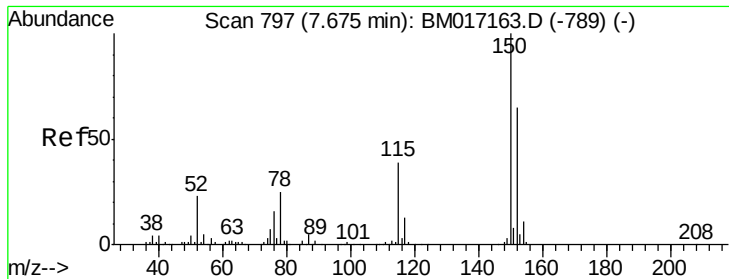
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1183933	114.674	nq	100
43) 2,4,6-Trichlorophenol	12.69	196	598474	48.274	nq	100
44) 2,4,5-Trichlorophenol	12.76	196	637821	47.978	nq	97
46) 1,1'-Biphenyl	13.09	154	2134949	39.122	nq	98
47) 2-Chloronaphthalene	13.13	162	1654959	41.223	nq	99
48) 2-Nitroaniline	13.35	65	539107	47.587	nq	98
49) Acenaphthylene	13.99	152	2755070	47.344	nq	100
50) Dimethylphthalate	13.74	163	2126735	45.457	nq	100
51) 2,6-Dinitrotoluene	13.86	165	477067	46.329	nq	95
52) Acenaphthene	14.33	154	1590718	43.536	nq	98
53) 3-Nitroaniline	14.19	138	356902	32.002	nq	92
54) 2,4-Dinitrophenol	14.40	184	588553	95.635	nq	95
55) Dibenzofuran	14.67	168	2582208	42.498	nq	99
56) 4-Nitrophenol	14.52	139	1147546	110.960	nq	94
57) 2,4-Dinitrotoluene	14.65	165	674277	48.719	nq	# 88
58) Fluorene	15.32	166	2129038	47.339	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	598345	49.377	nq	97
60) Diethylphthalate	15.11	149	2185536	47.104	nq	100
61) 4-Chlorophenyl-phenylether	15.32	204	1069529	41.714	nq	97
62) 4-Nitroaniline	15.36	138	467695	38.610	nq	96
63) Azobenzene	15.62	77	2164677	47.999	nq	96
65) 4,6-Dinitro-2-methylphenol	15.42	198	396035	44.743	nq	94
66) n-Nitrosodiphenylamine	15.54	169	1864048	44.142	nq	97
67) 4-Bromophenyl-phenylether	16.22	248	682802	44.554	nq	98
68) Hexachlorobenzene	16.32	284	749115	42.080	nq	99
69) Atrazine	16.50	200	695291	46.004	nq	99
70) Pentachlorophenol	16.67	266	948133	77.748	nq	99
71) Phenanthrene	17.06	178	3372593	44.786	nq	99
72) Anthracene	17.15	178	3437359	48.039	nq	100
73) Carbazole	17.43	167	3079337	42.130	nq	100
74) Di-n-butylphthalate	18.00	149	3714885	48.188	nq	100
75) Fluoranthene	19.09	202	3877461	45.758	nq	98
77) Benzidine	19.29	184	2292687	61.506	nq	99
78) Pyrene	19.45	202	3975051	48.380	nq	100
80) Butylbenzylphthalate	20.36	149	1680389	52.886	nq	92
81) Benzo(a)anthracene	21.20	228	3835200	46.359	nq	100
82) 3,3'-Dichlorobenzidine	21.14	252	1196862	38.818	nq	100
83) Chrysene	21.26	228	3601596	43.984	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2407829	50.076	nq	99
85) Di-n-octyl phthalate	22.01	149	3948529	48.639	nq	97
86) Indeno(1,2,3-cd)pyrene	25.60	276	3287723m	35.898	nq	
88) Benzo(b)fluoranthene	22.76	252	3555301	49.787	nq	99
89) Benzo(k)fluoranthene	22.80	252	3397305	47.412	nq	99
90) Benzo(a)pyrene	23.32	252	3248526	47.912	nq	99
91) Dibenzo(a,h)anthracene	25.61	278	2758822	40.978	nq	99
92) Benzo(g,h,i)perylene	26.27	276	2621136	39.281	nq	99

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



#1

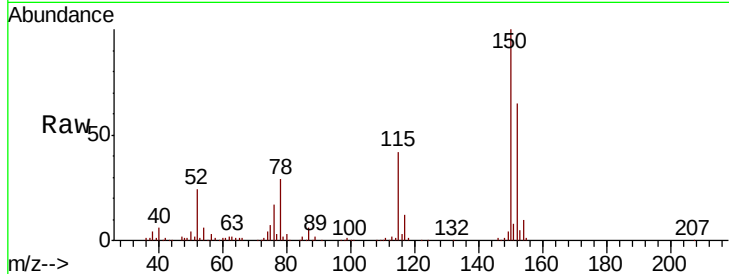
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	63.7	48.1	72.1

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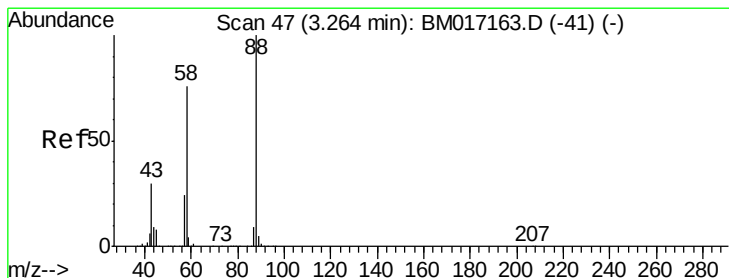
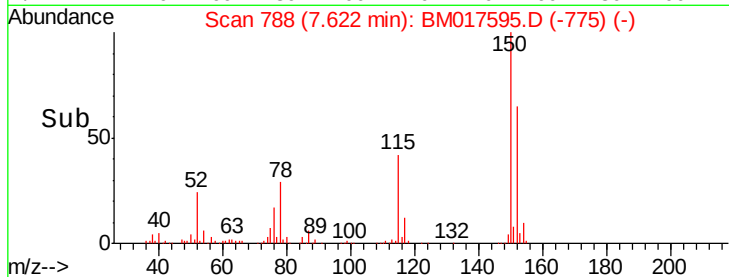
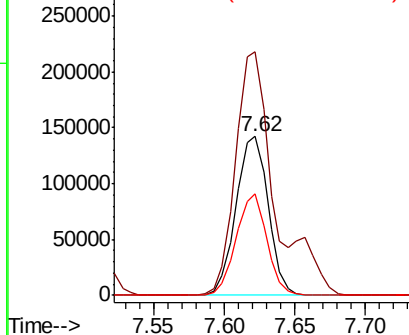


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

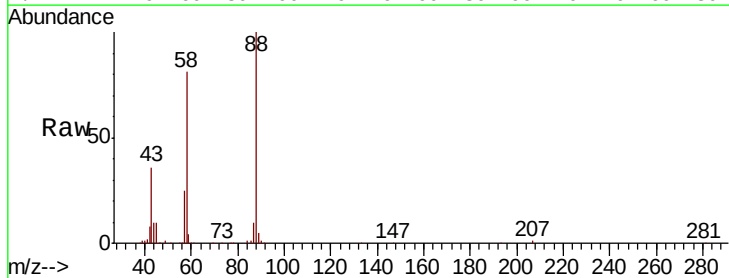
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.642 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	50.2	75.4#
43	32.8	19.3	28.9#

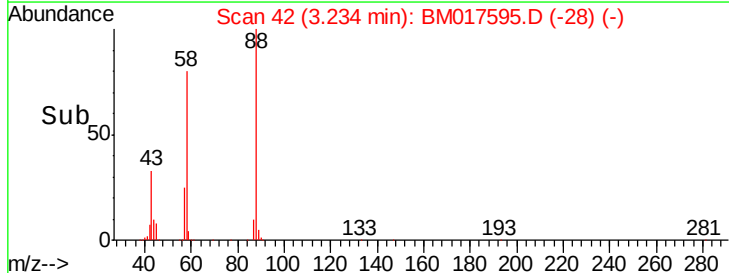
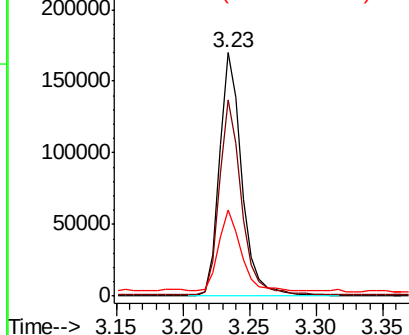


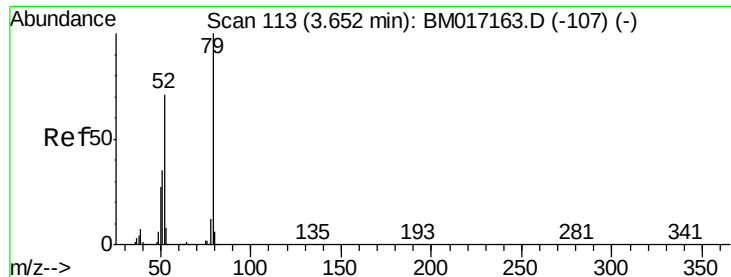
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 38.172 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

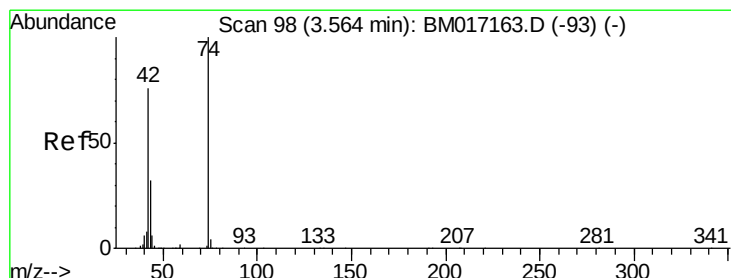
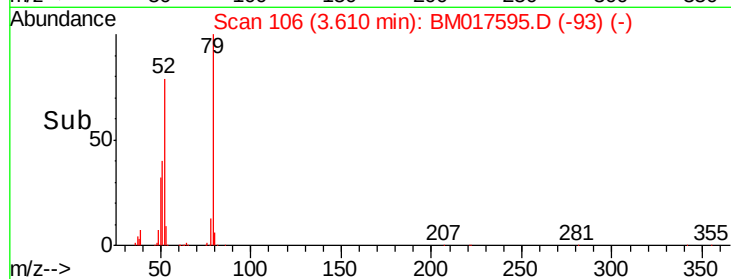
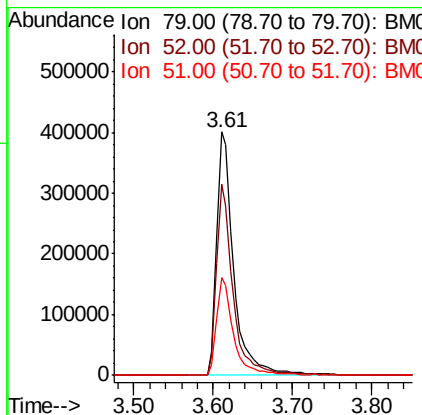
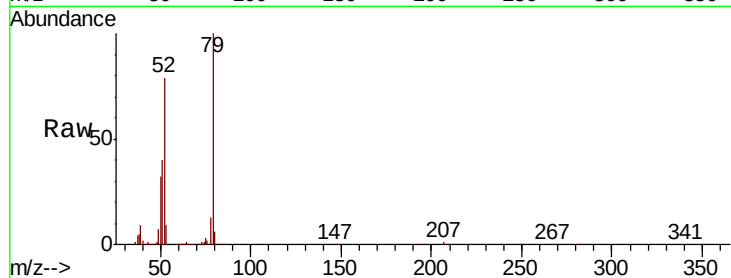
ClientSampleID :

PB114669BS

Tot Ion:	79	Resp:	600201
Ion Ratio	Lower	Upper	
79	100		
52	78.6	46.5	69.7#
51	40.2	24.6	37.0#

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#4

n-Nitrosodimethylamine

Concen: 52.135 ng

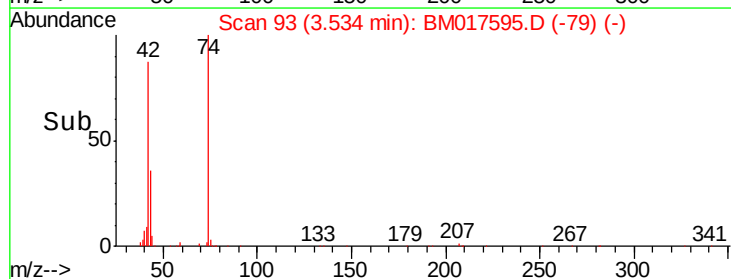
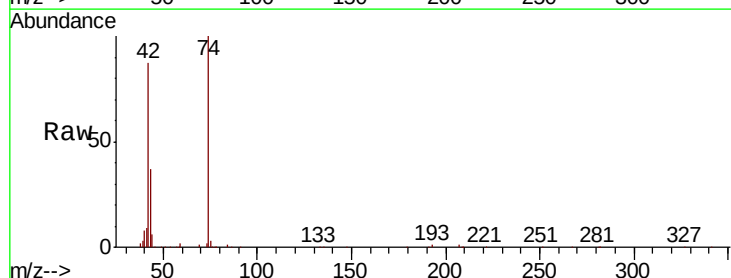
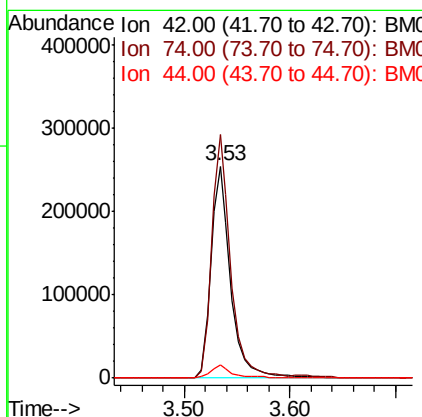
RT: 3.53 min Scan# 93

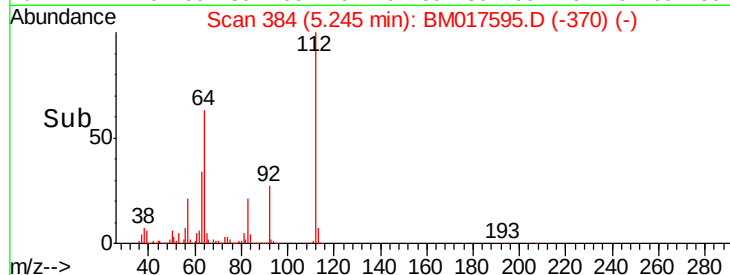
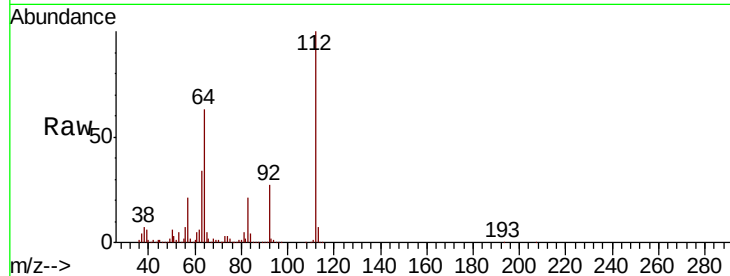
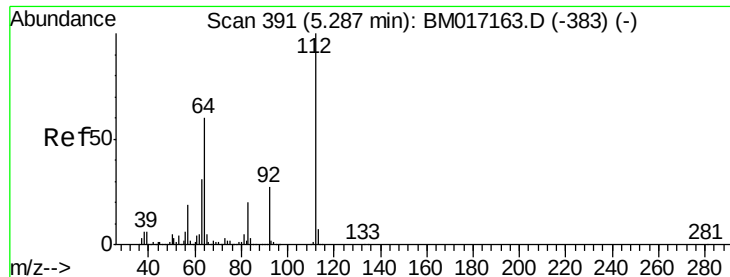
Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:	42	Resp:	329084
Ion Ratio	Lower	Upper	
42	100		
74	114.7	114.4	171.6
44	6.4	48.6	73.0#





#5

2-Fluorophenol

Concen: 174.841 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tot Ion:	112	Resp:	2339806
Ion	Ratio	Lower	Upper
112	100		
64	63.2	41.7	62.5#
63	33.6	23.0	34.4

Instrument :

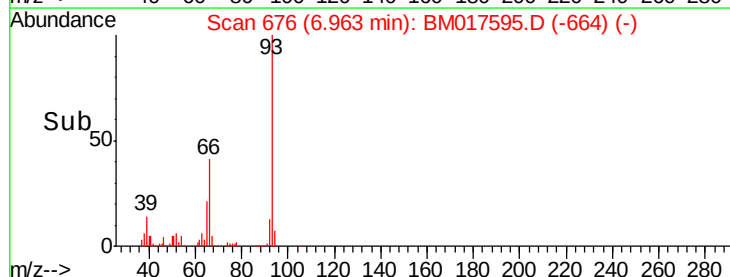
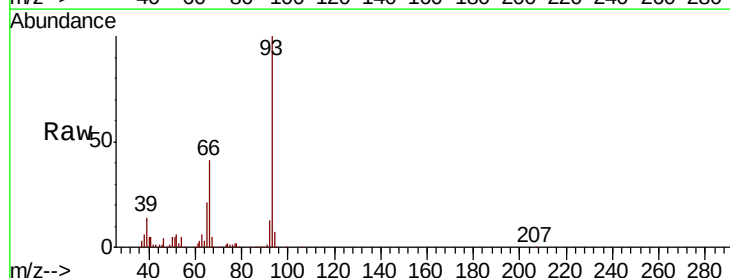
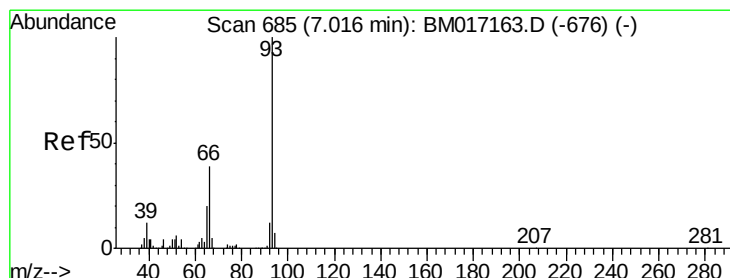
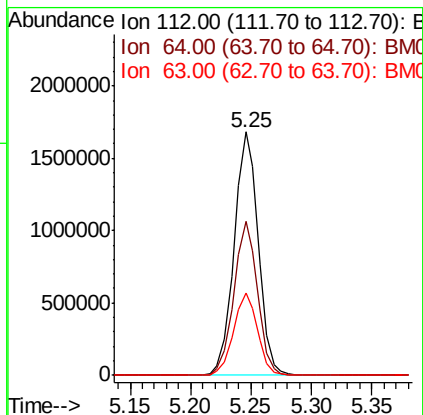
BNA_M

ClientSampleId :

PB114669BS

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#6

Aniline

Concen: 39.424 ng

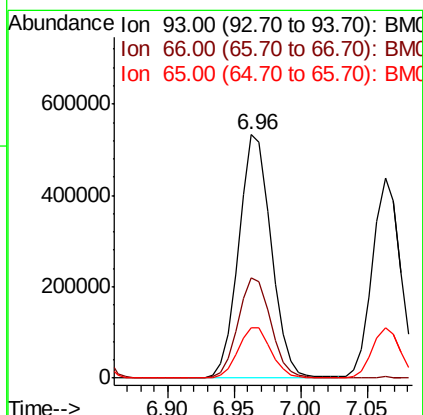
RT: 6.96 min Scan# 676

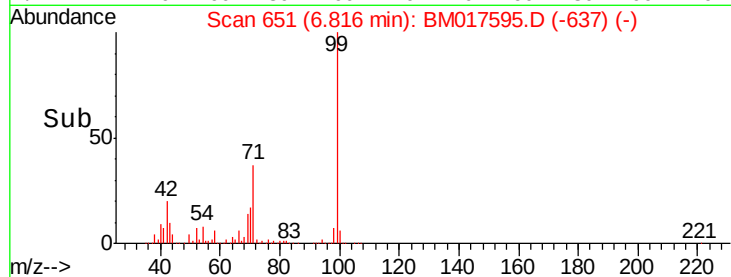
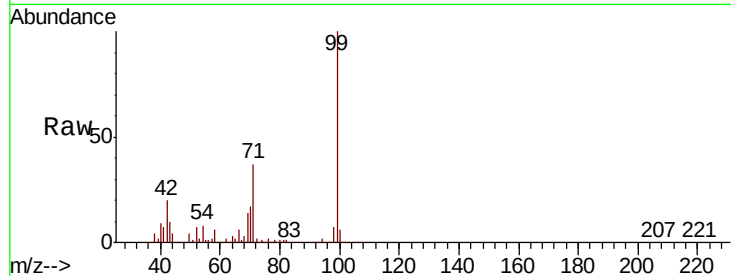
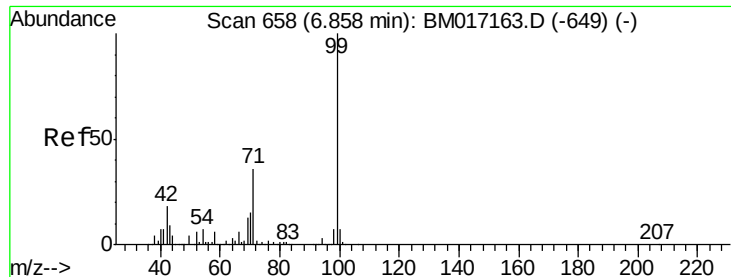
Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:	93	Resp:	898766
Ion	Ratio	Lower	Upper
93	100		
66	41.2	30.4	45.6
65	20.7	15.3	22.9





#7

Phenol-d6

Concen: 173.968 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tot Ion: 99 Resp: 3170774

Ion Ratio Lower Upper

99 100

42 20.4 13.3 19.9#

71 37.4 28.0 42.0

Instrument :

BNA_M

ClientSampled :

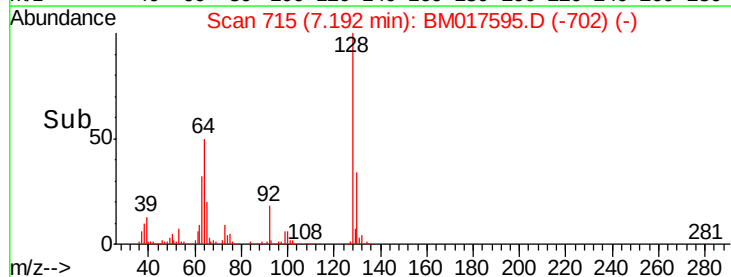
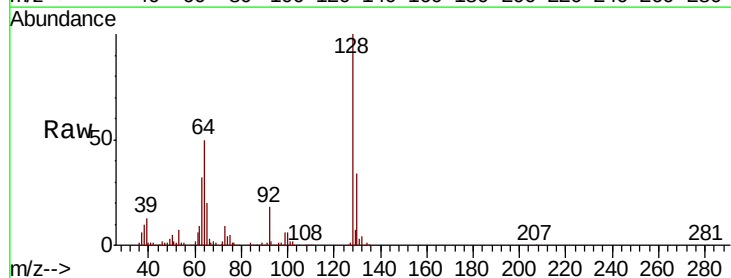
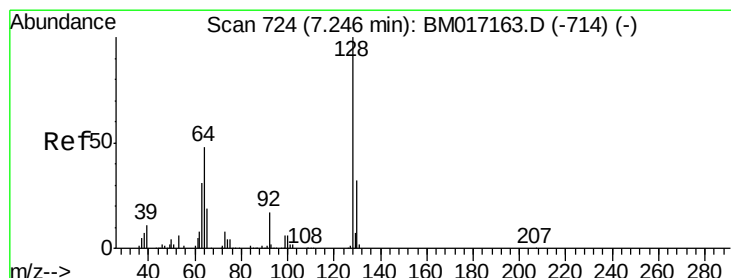
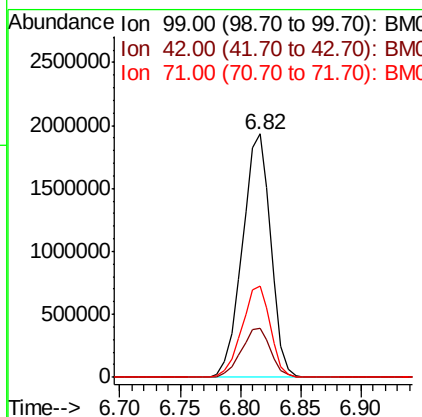
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#8

2-Chlorophenol

Concen: 46.669 ng

RT: 7.19 min Scan# 715

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

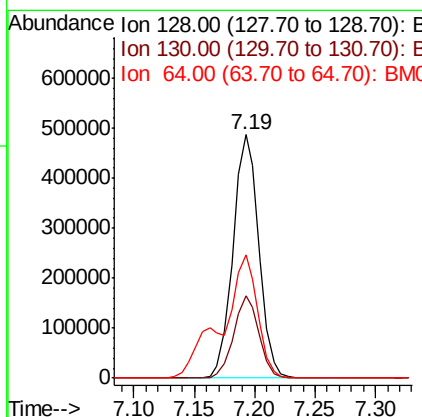
Tgt Ion: 128 Resp: 722523

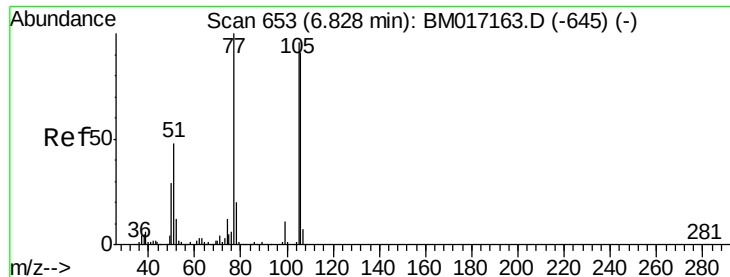
Ion Ratio Lower Upper

128 100

130 33.7 11.0 51.0

64 50.4 24.1 64.1





#9

Benzaldehyde

Concen: 38.724 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

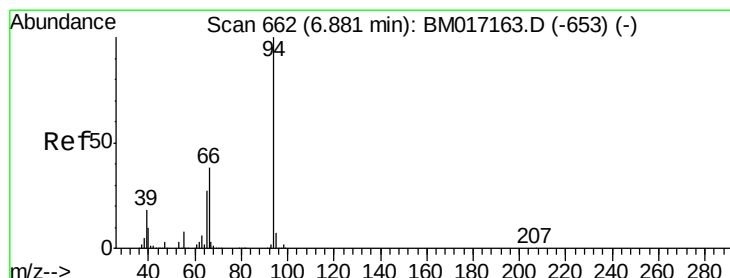
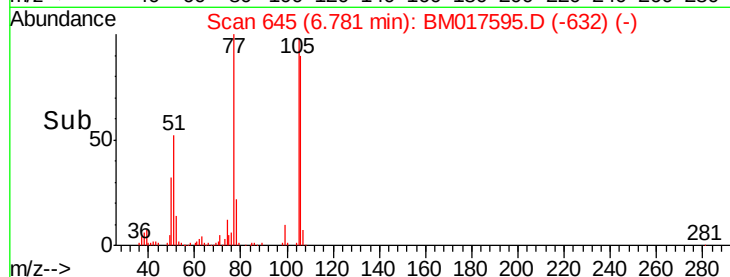
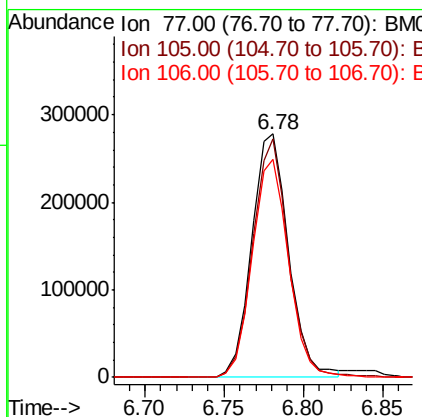
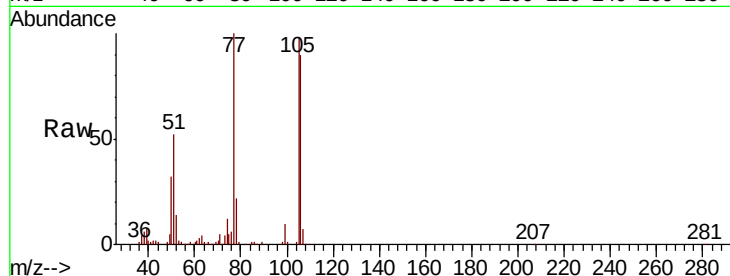
ClientSampleId :

PB114669BS

Tot Ion:	77	Resp:	450019
Ion	Ratio	Lower	Upper
77	100		
105	97.9	83.9	123.9
106	89.5	78.2	118.2

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#10

Phenol

Concen: 45.792 ng

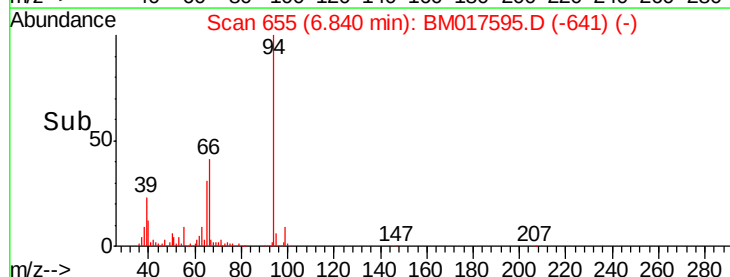
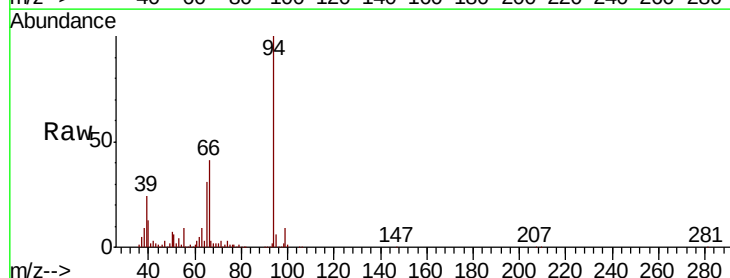
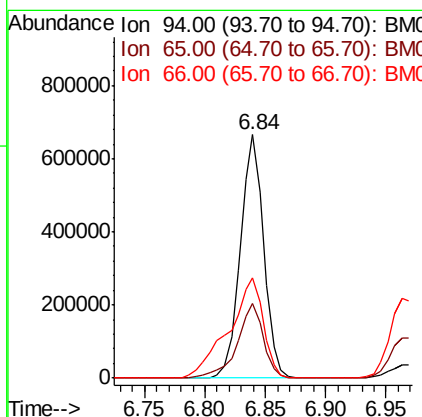
RT: 6.84 min Scan# 655

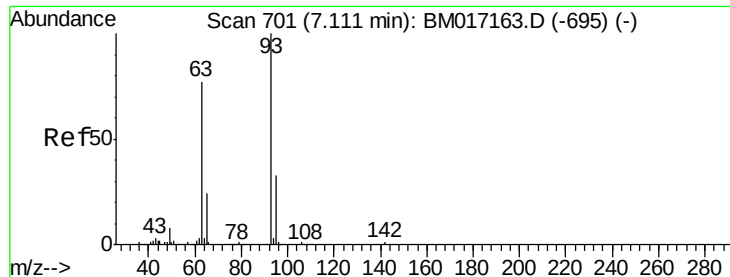
Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:	94	Resp:	898245
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.4	49.4
66	41.3	19.0	59.0





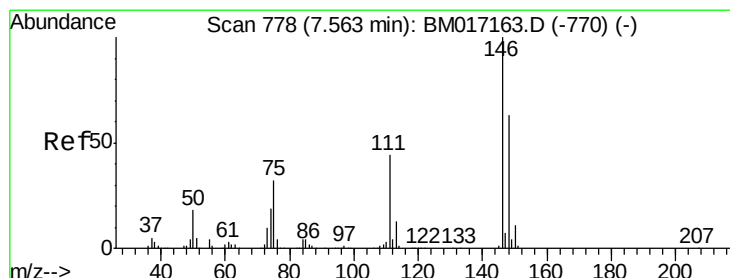
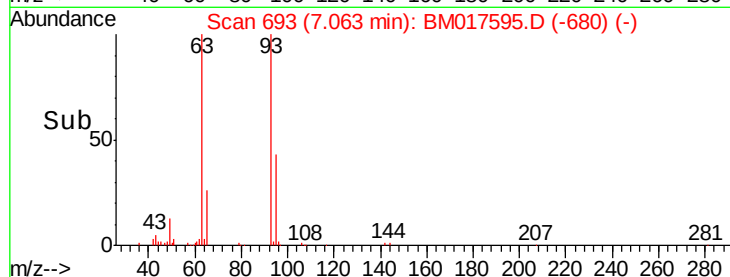
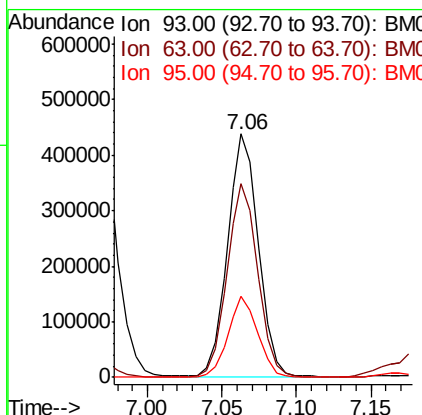
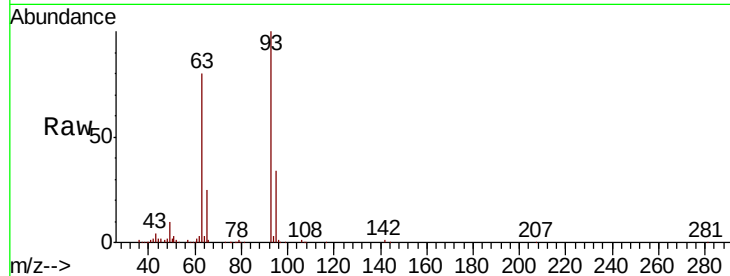
#11
bis(2-Chloroethyl)ether
Concen: 40.294 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampled :
PB114669BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.7	54.0	94.0
95	33.5	11.8	51.8

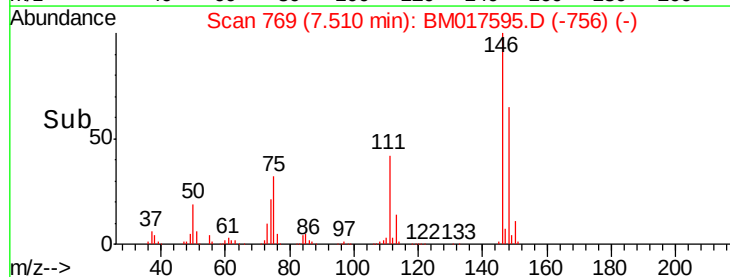
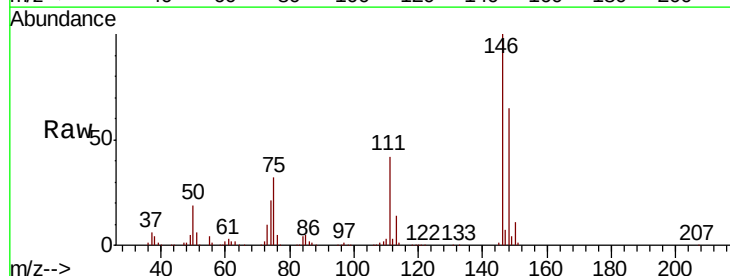
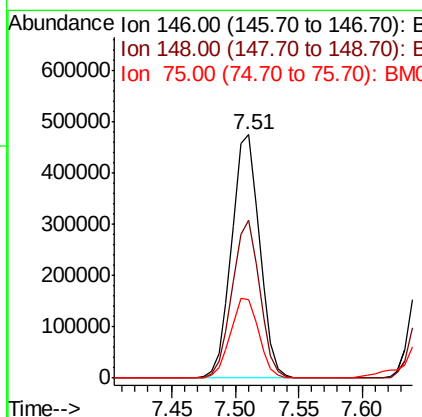
Manual Integrations
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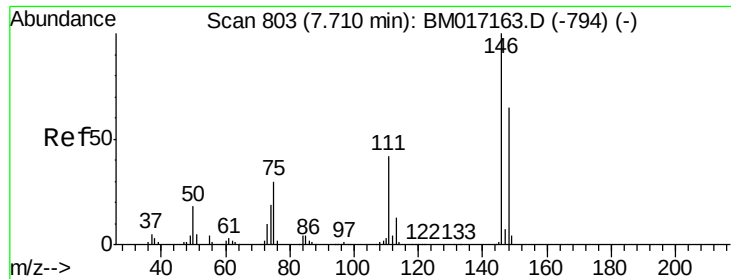
Sohil
11/12/2018 11:53:10 AM



#12
1,3-Dichlorobenzene
Concen: 40.022 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.4
75	32.2	23.3	34.9





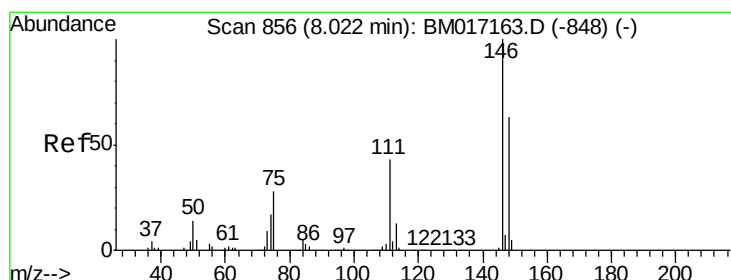
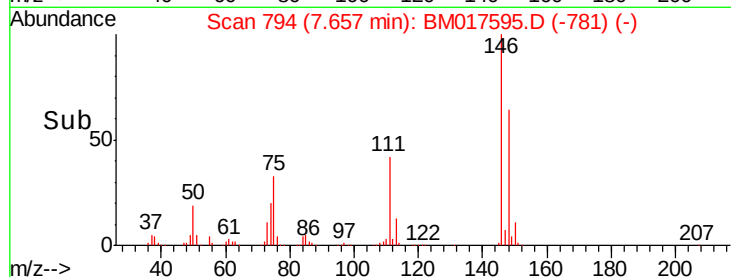
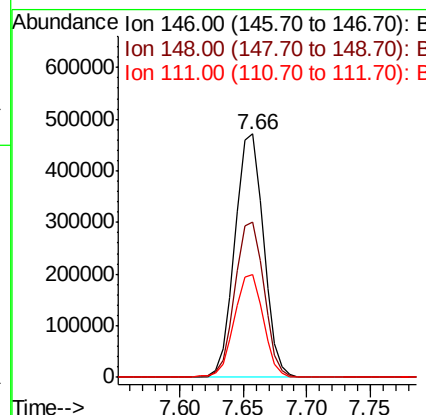
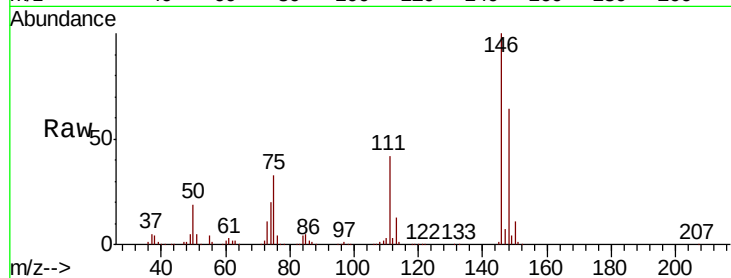
#13
 1,4-Dichlorobenzene
 Concen: 39.972 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.8	74.6
111	42.2	32.1	48.1

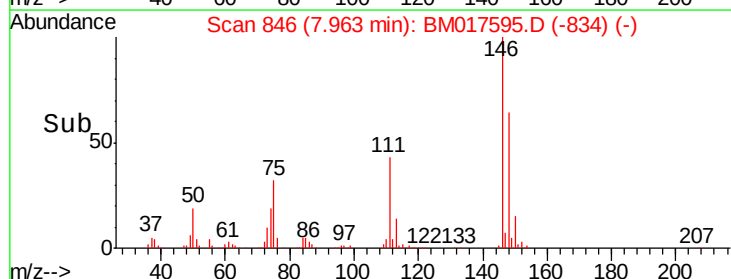
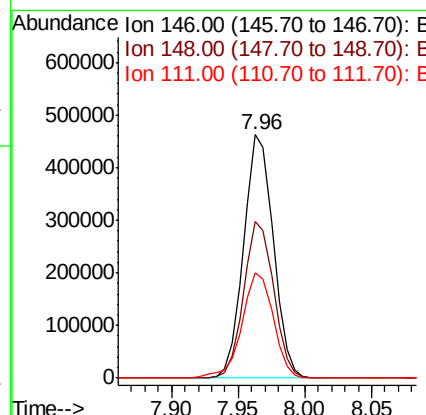
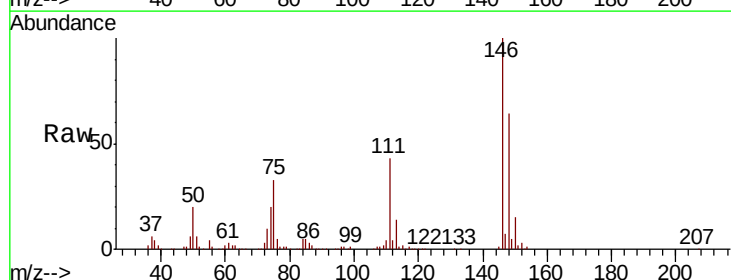
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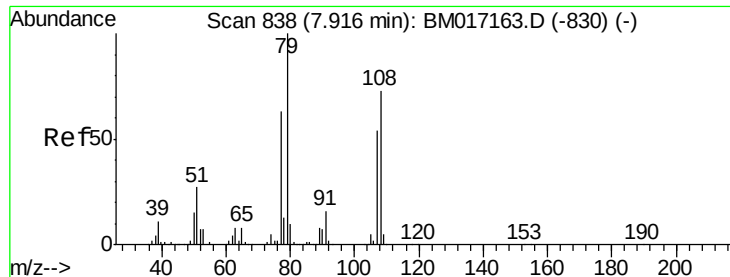
Sohil
 11/12/2018 11:53:10 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.056 ng
 RT: 7.96 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.4	33.8	50.6





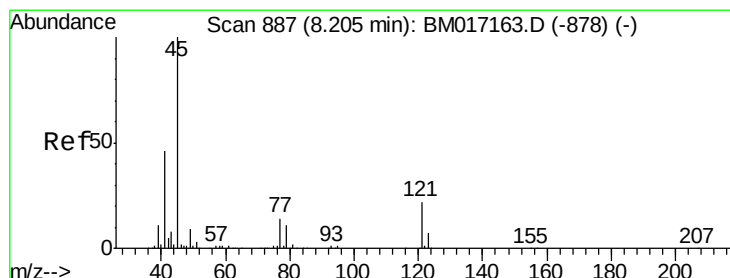
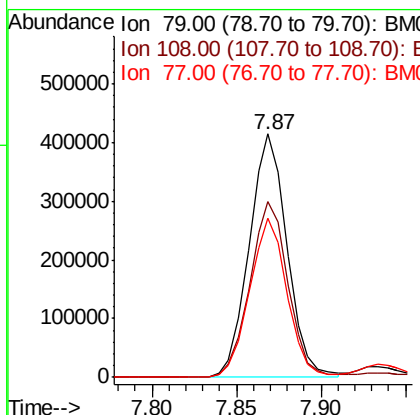
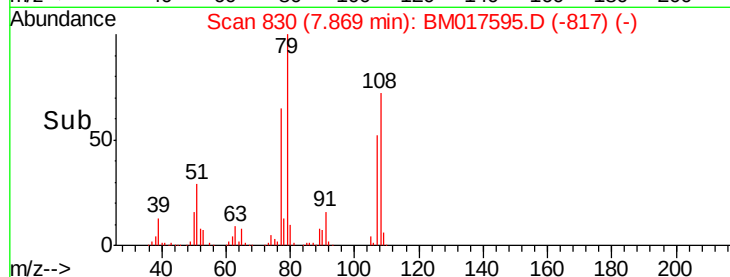
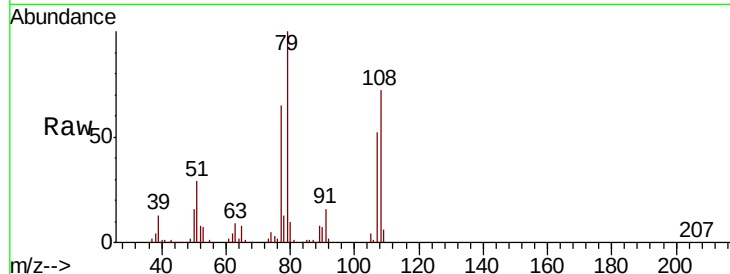
#15
Benzyl Alcohol
Concen: 48.436 ng
RT: 7.87 min Scan# 830
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampled :
PB114669BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	60.3	90.5
77	65.2	54.8	82.2

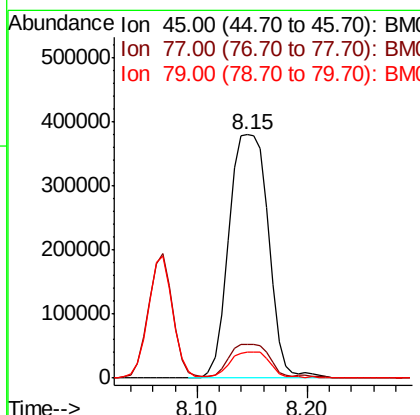
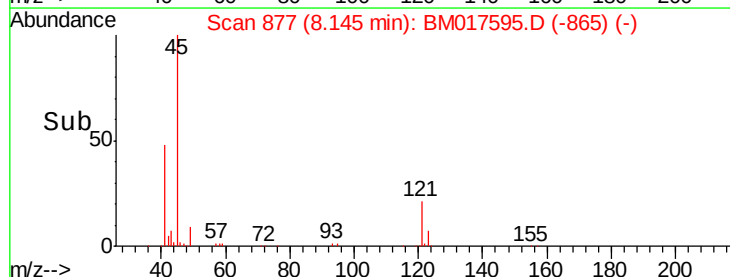
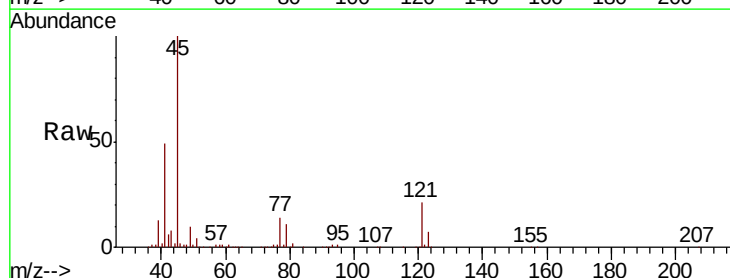
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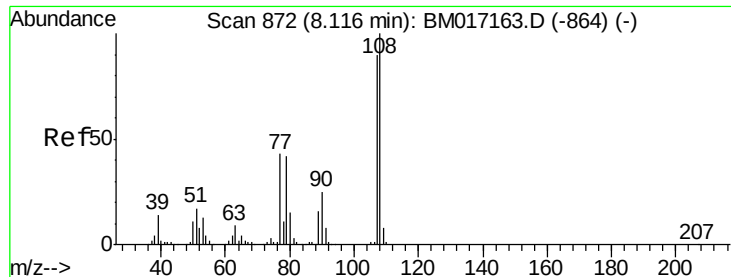
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.801 ng
RT: 8.15 min Scan# 877
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	35.5
79	10.8	0.0	32.1





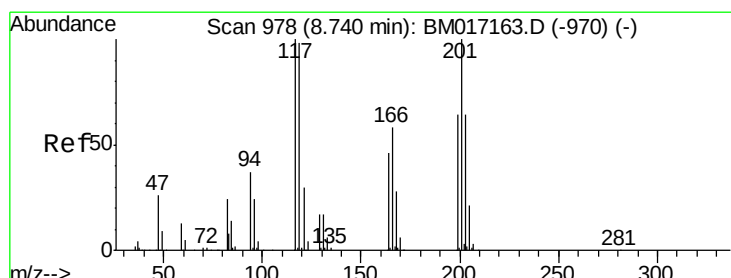
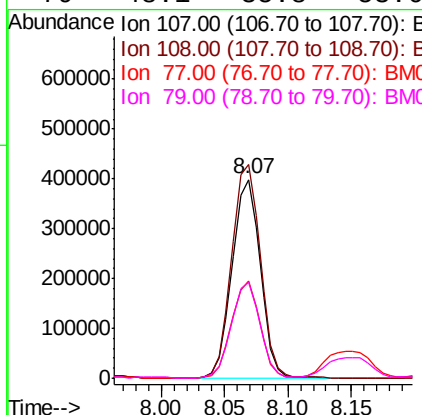
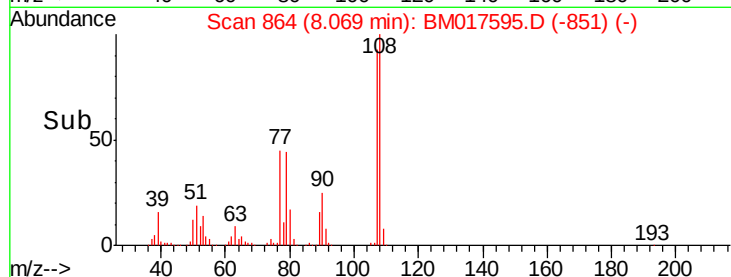
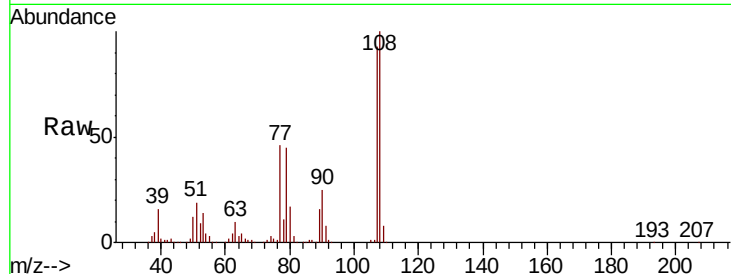
#17
2-Methylphenol
Concen: 48.625 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	90.3	135.5	
77	49.1	37.0	55.4	
79	48.1	35.8	53.6	

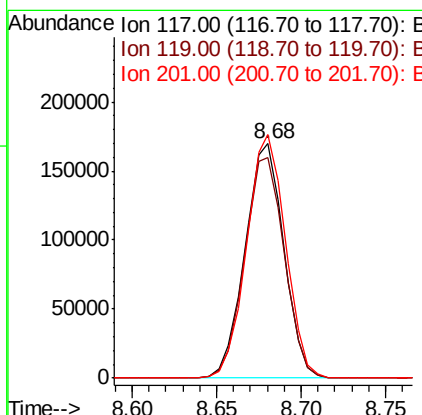
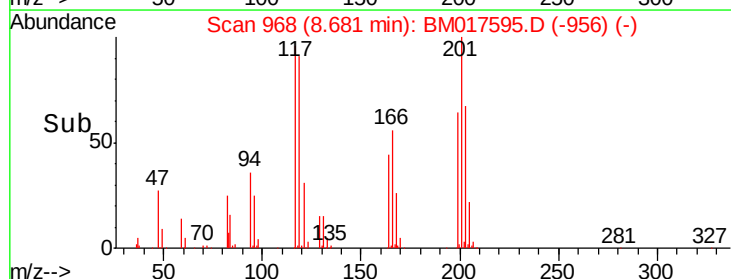
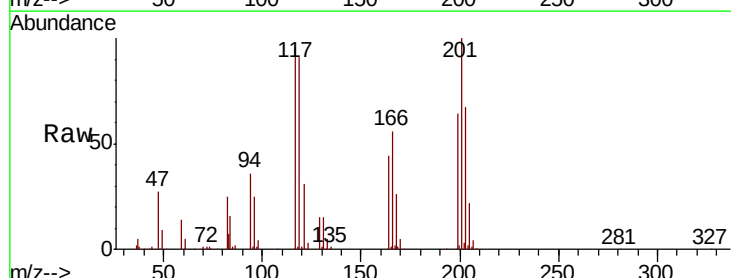
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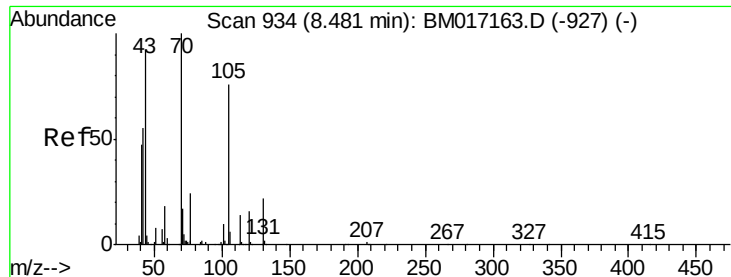
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#18
Hexachloroethane
Concen: 42.975 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	78.2	117.2	
201	103.9	85.3	127.9	





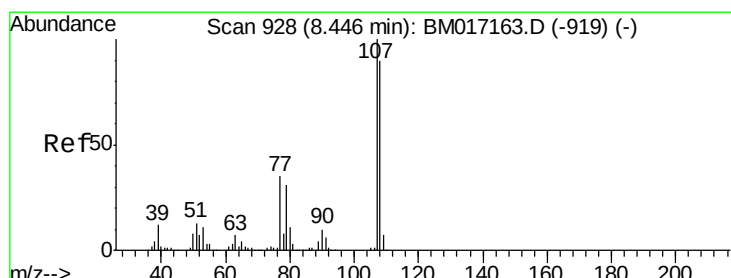
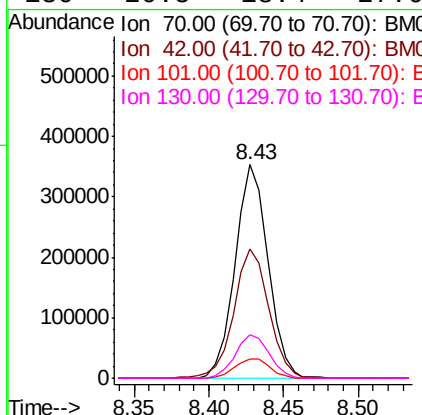
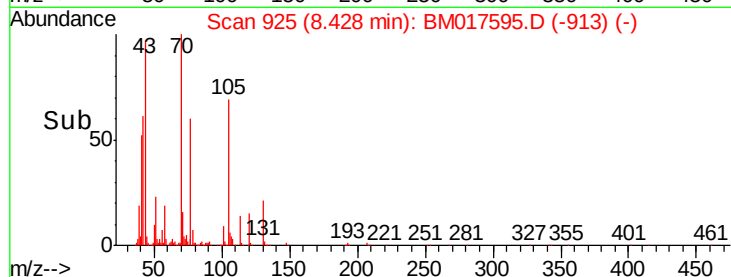
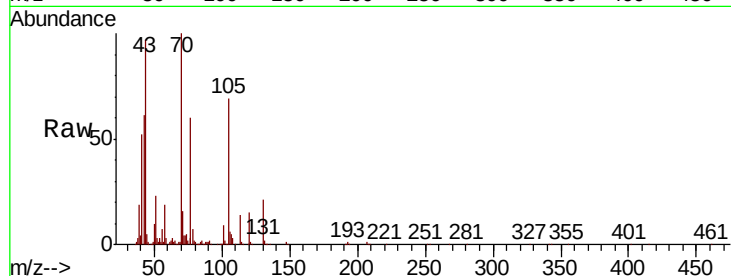
#19
n-Nitroso-di-n-propylamine
Concen: 45.221 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.8	46.1	69.1	
101	9.0	8.2	12.4	
130	20.5	18.4	27.6	

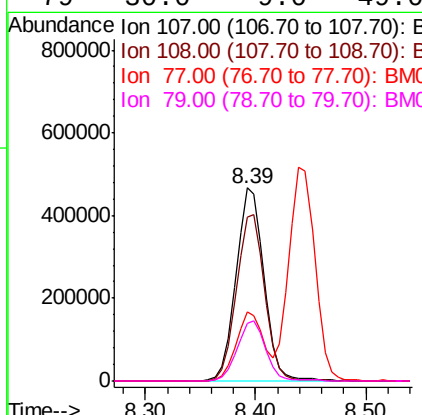
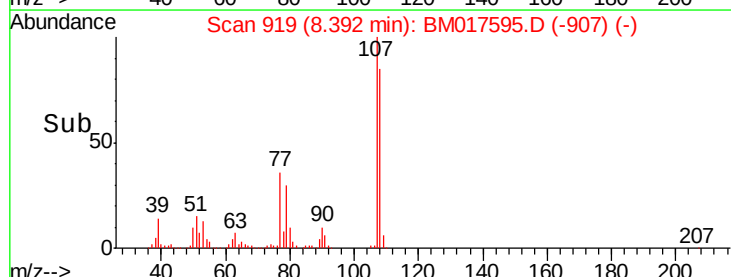
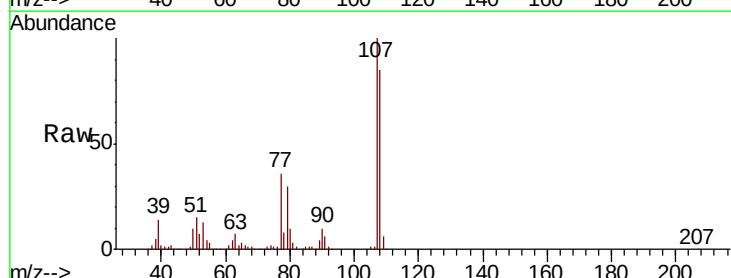
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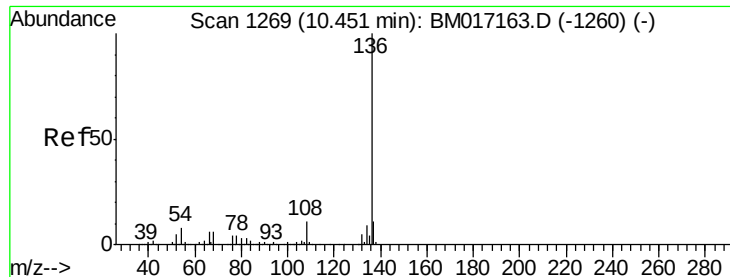
Sohil
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#20
3+4-Methylphenols
Concen: 48.421 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.1	69.9	109.9	
77	35.9	12.2	52.2	
79	30.0	9.0	49.0	





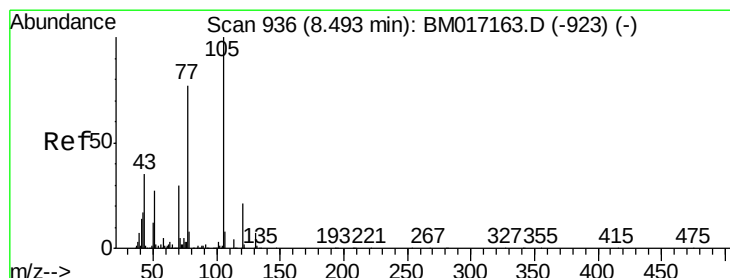
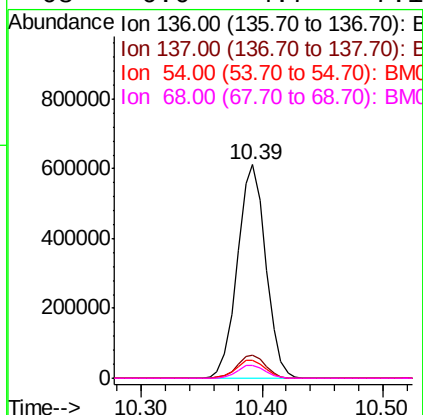
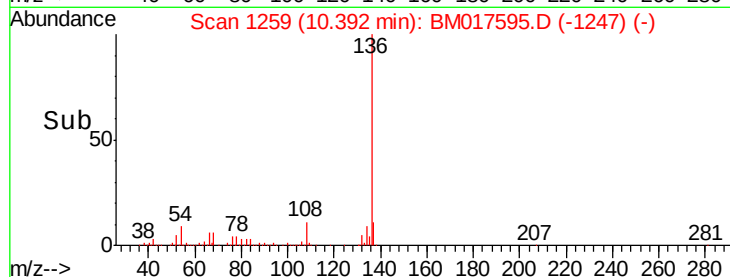
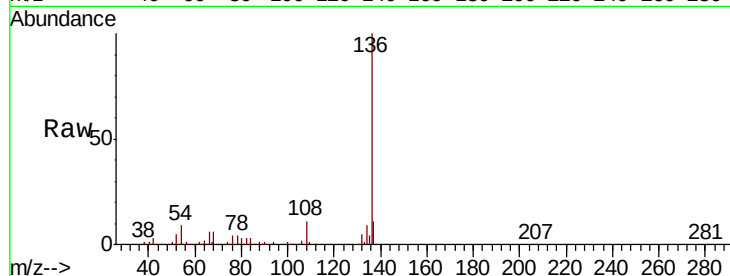
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1002365		
137	10.8		9.2	13.8	
54	8.5		6.7	10.1	
68	6.0		4.7	7.1	

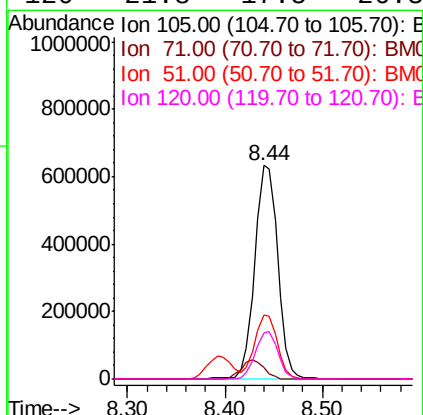
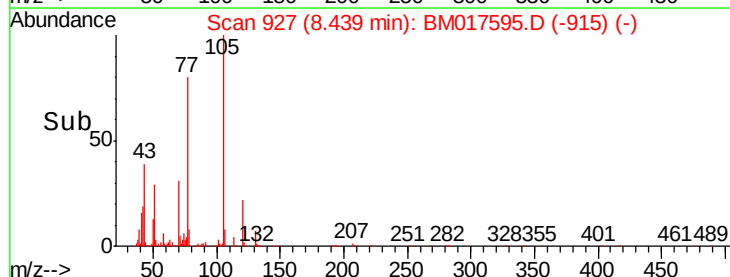
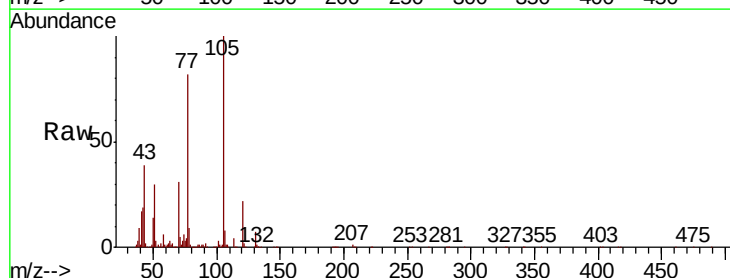
Manual Integrations
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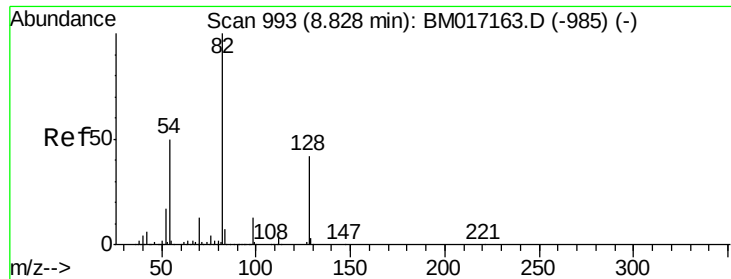
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#22
Acetophenone
Concen: 41.198 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1046798		
71	5.2		2.0	3.0#	
51	30.3		20.6	31.0	
120	21.8		17.5	26.3	





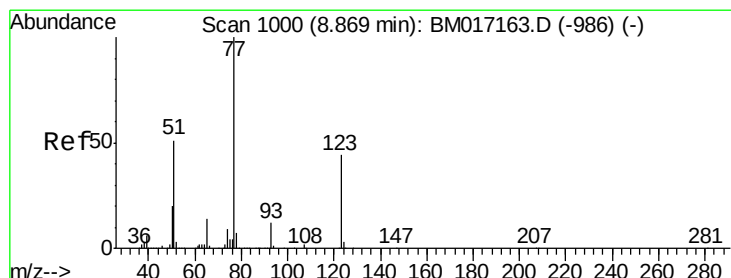
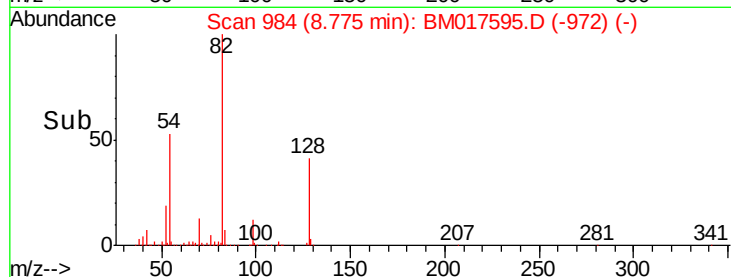
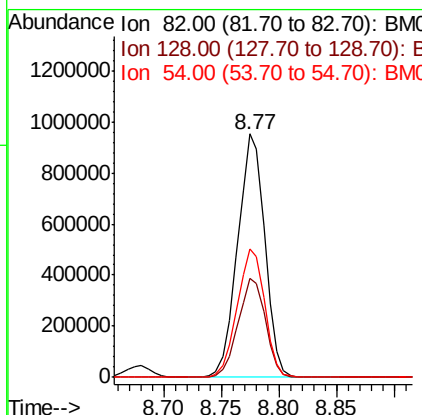
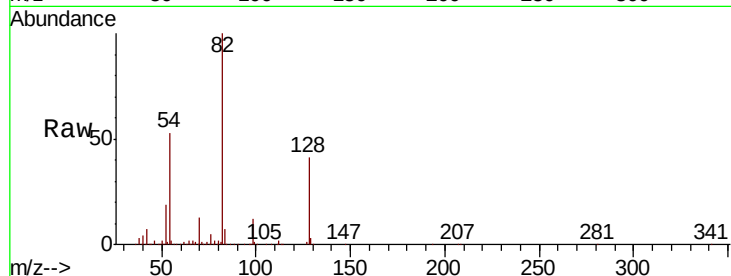
#23
 Nitrobenzene-d5
 Concen: 90.665 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	82	Resp	1553884
Ion	Ratio	Lower	Upper
82	100		
128	40.8	37.0	55.6
54	52.9	40.7	61.1

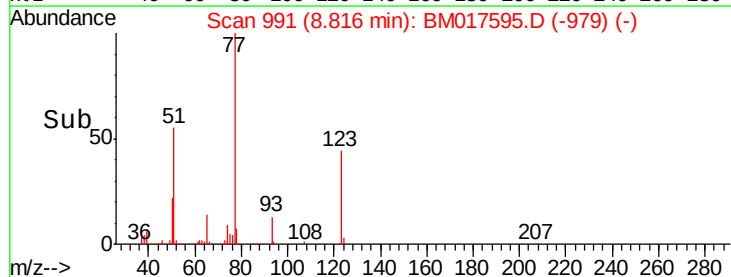
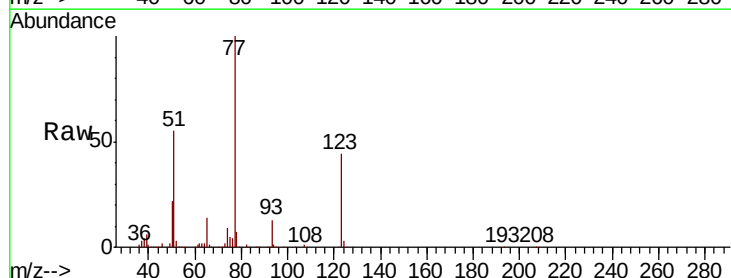
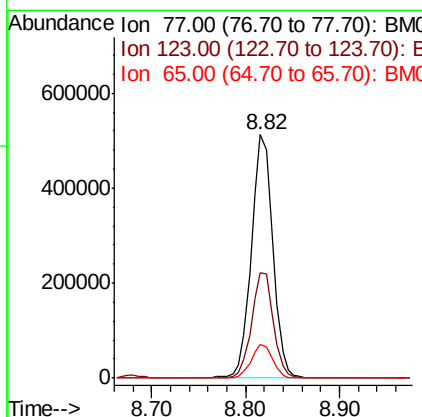
Manual Integrations
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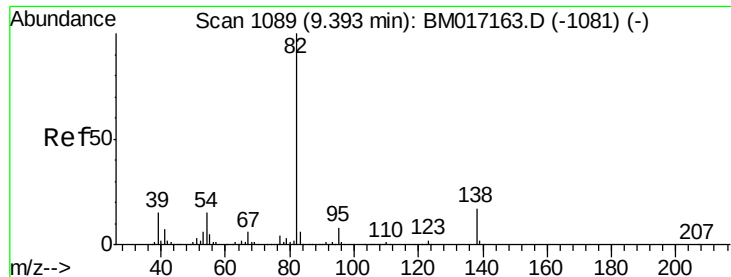
Sohil
 11/12/2018 11:53:10 AM



#24
 Nitrobenzene
 Concen: 44.484 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	77	Resp	806444
Ion	Ratio	Lower	Upper
77	100		
123	43.5	40.2	60.4
65	13.7	11.4	17.0





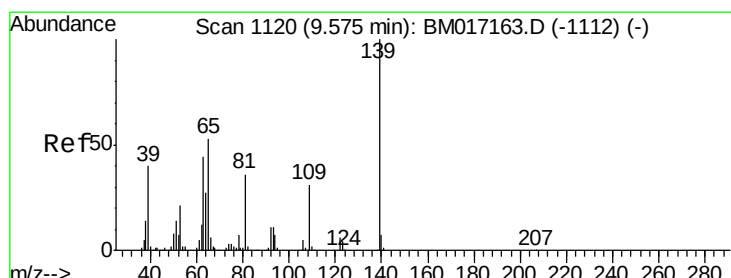
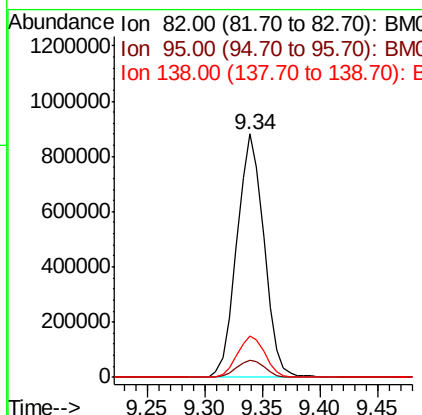
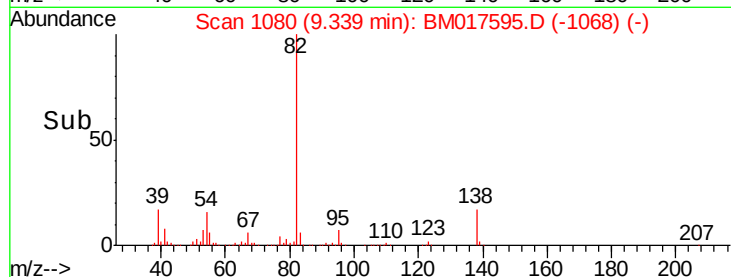
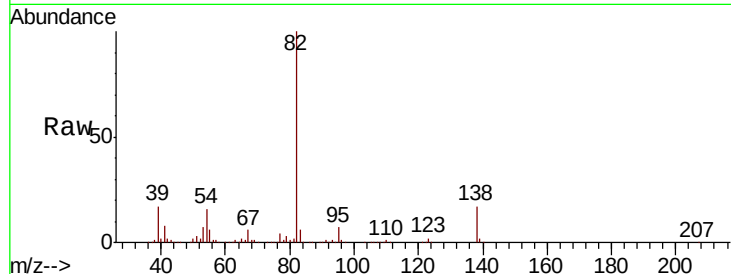
#25
Isophorone
Concen: 50.771 ng
RT: 9.34 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion: 82 Resp: 1436865
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.0 15.4 23.2

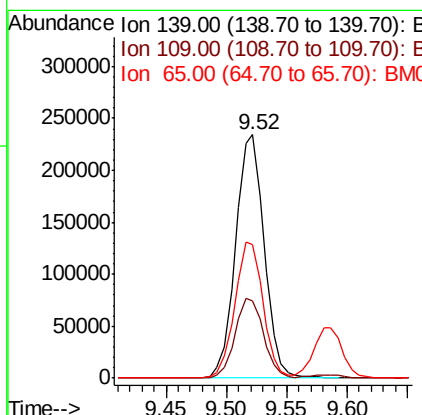
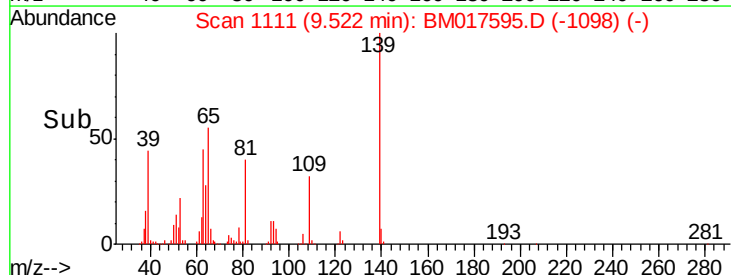
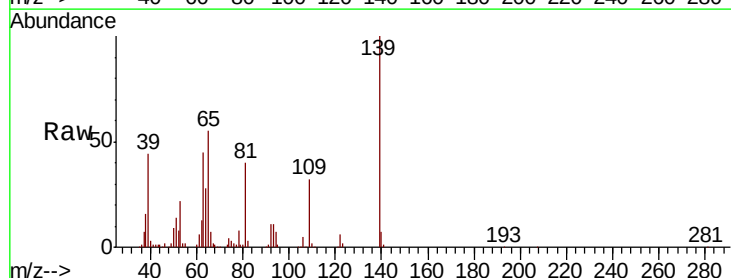
Manual Integrations
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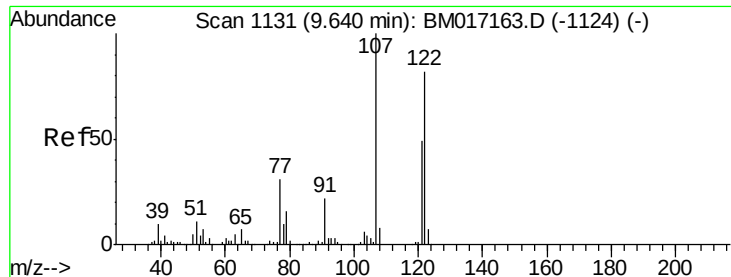
Sohil
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#26
2-Nitrophenol
Concen: 45.973 ng
RT: 9.52 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion: 139 Resp: 387739
Ion Ratio Lower Upper
139 100
109 31.9 23.2 34.8
65 54.8 40.6 61.0





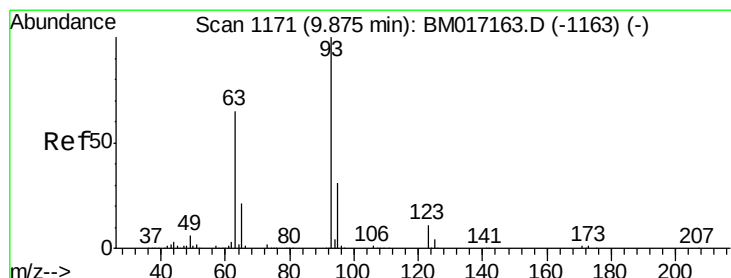
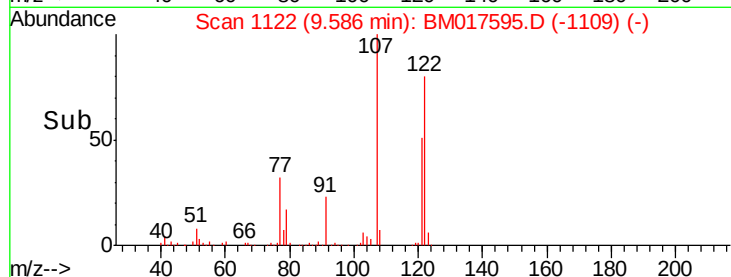
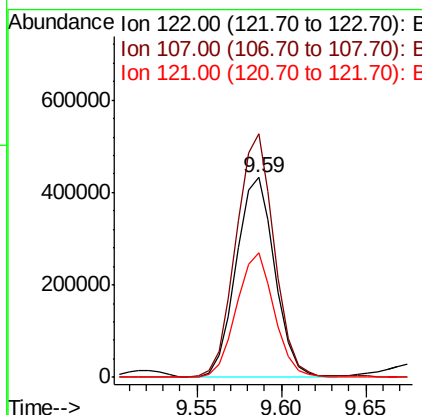
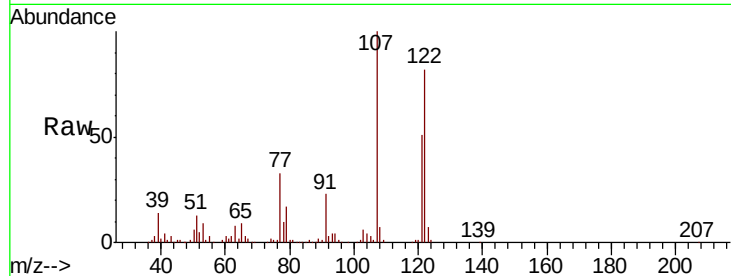
#27
 2,4-Dimethylphenol
 Concen: 54.503 ng
 RT: 9.59 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	682056		
107	121.9	95.0	142.6	
121	62.3	48.2	72.4	

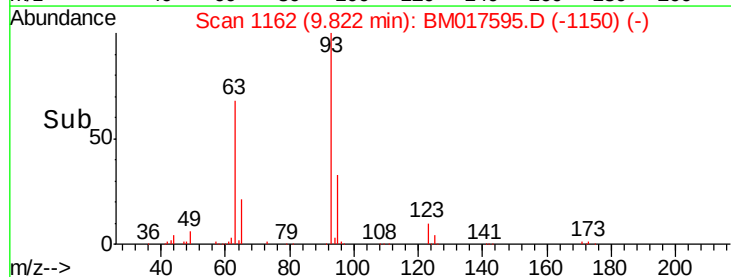
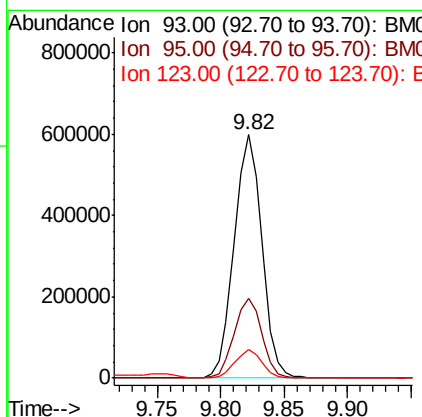
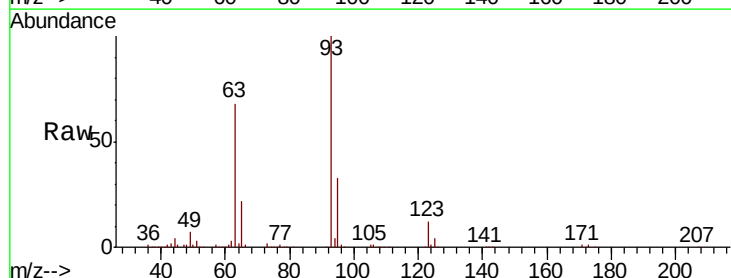
Manual Integrations
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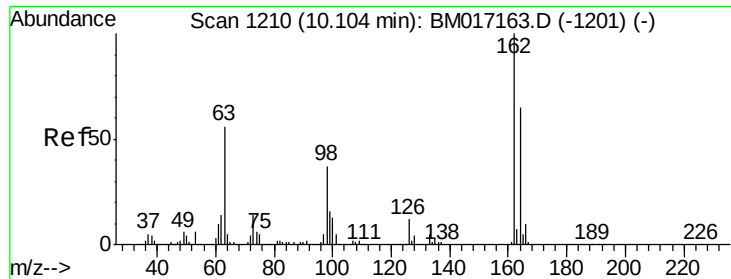
Sohil
 11/12/2018 11:53:10 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.423 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	904803		
95	32.6	25.7	38.5	
123	11.7	9.4	14.0	





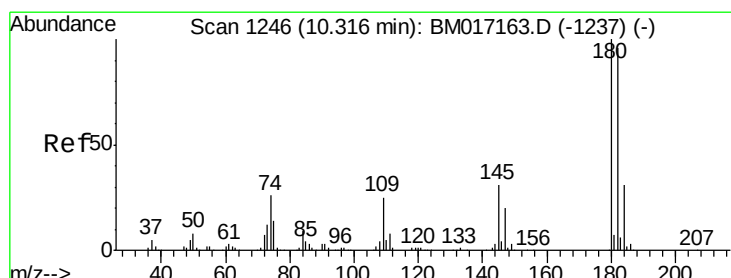
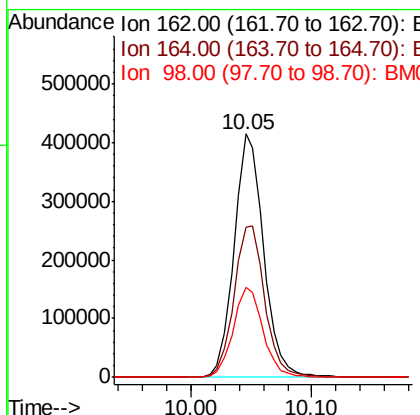
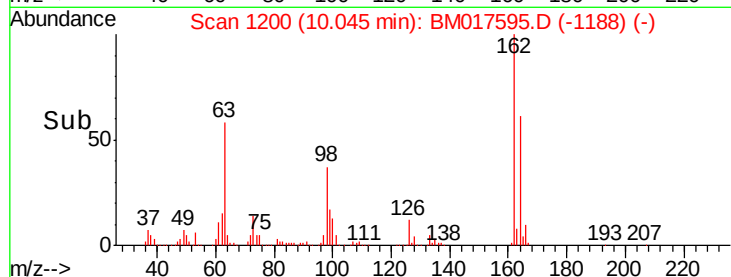
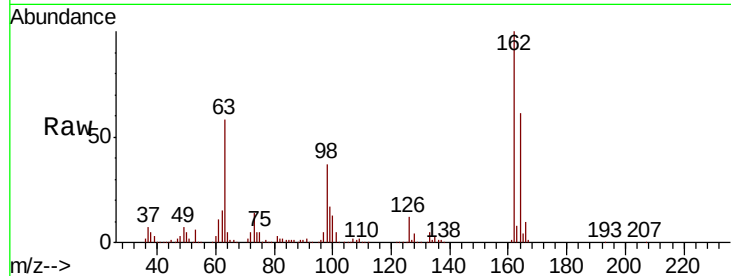
#29
 2,4-Dichlorophenol
 Concen: 48.741 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleID :
 PB114669BS

Tot Ion:	162	Resp:	708192
Ion Ratio	Lower	Upper	
162	100		
164	61.5	44.9	84.9
98	37.0	15.8	55.8

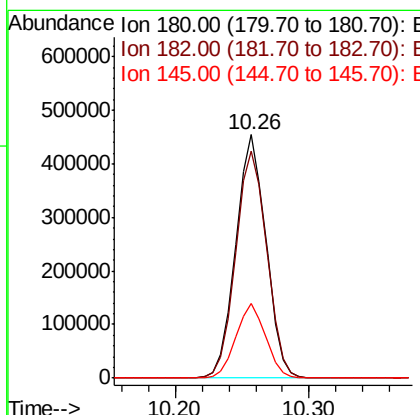
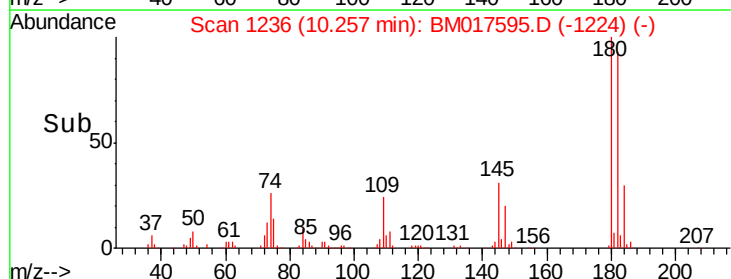
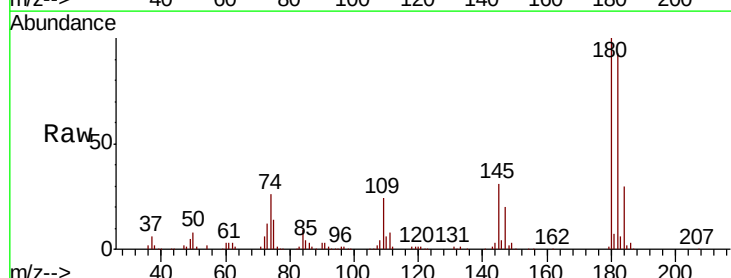
Manual Integrations
 APPROVED

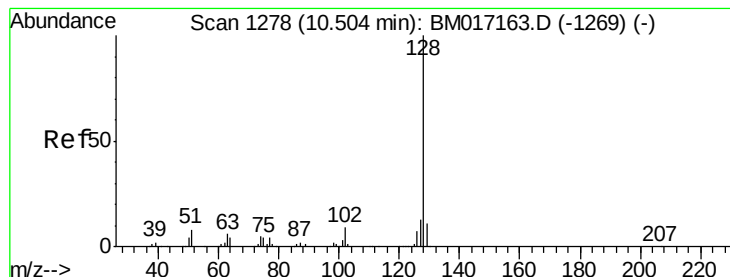
Sohil
 11/12/2018 11:53:10 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.888 ng
 RT: 10.26 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion:	180	Resp:	712674
Ion Ratio	Lower	Upper	
180	100		
182	93.1	77.5	116.3
145	30.7	24.0	36.0





#31

Naphthalene

Concen: 44.318 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion:128 Resp: 2176986

Ion Ratio Lower Upper

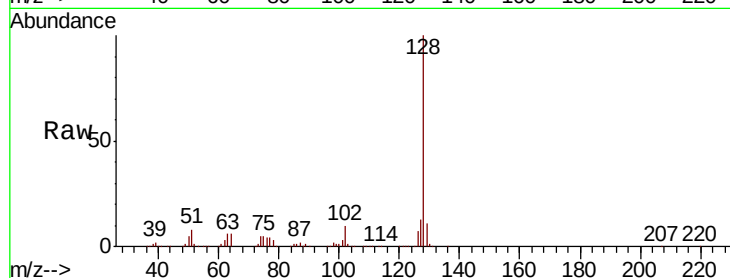
128 100

129 11.2 8.5 12.7

127 12.9 10.3 15.5

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11/12/2018 11:53:10 AM

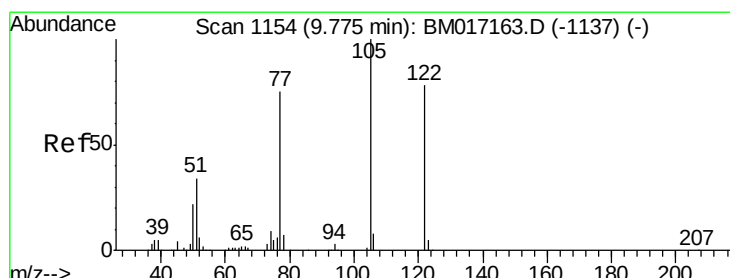
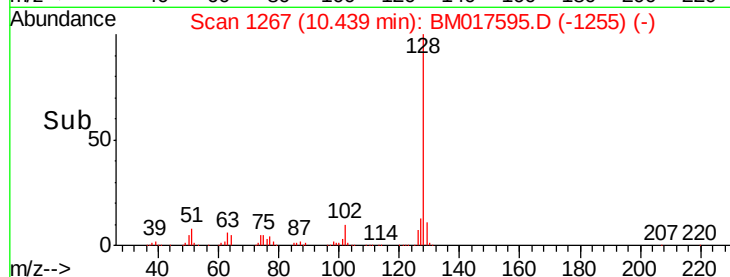
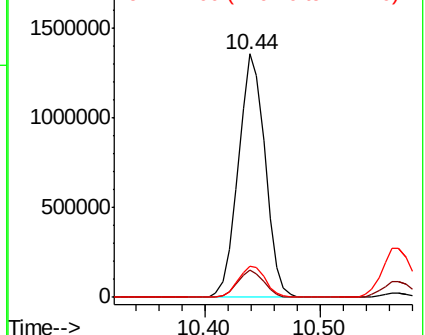


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.780 ng m

RT: 9.76 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

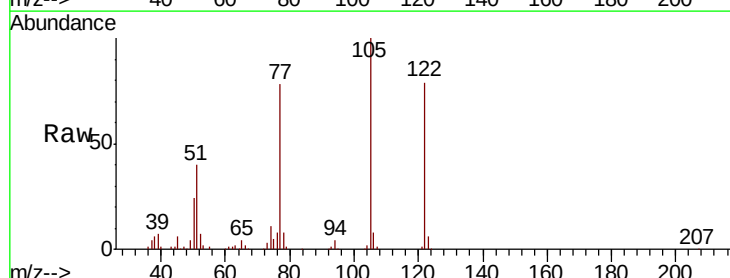
Tgt Ion:122 Resp: 492815

Ion Ratio Lower Upper

122 100

105 127.0 102.0 142.0

77 99.5 67.7 107.7

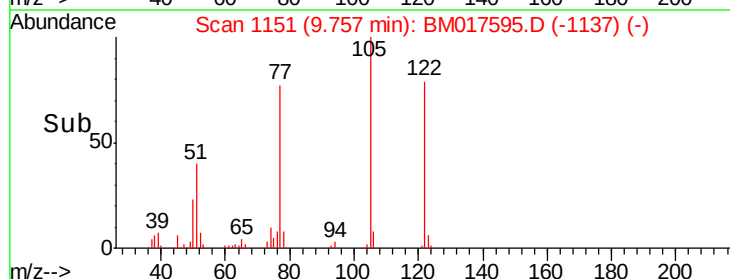
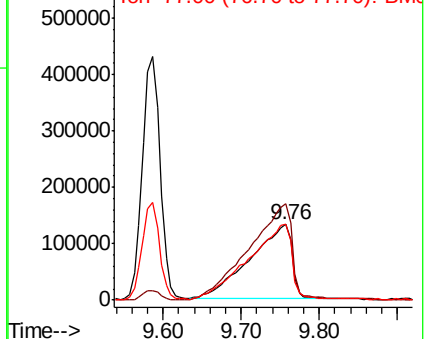


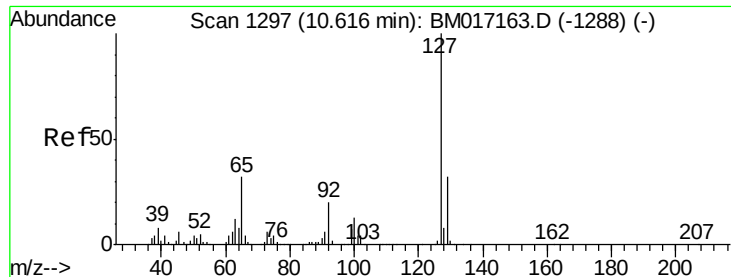
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





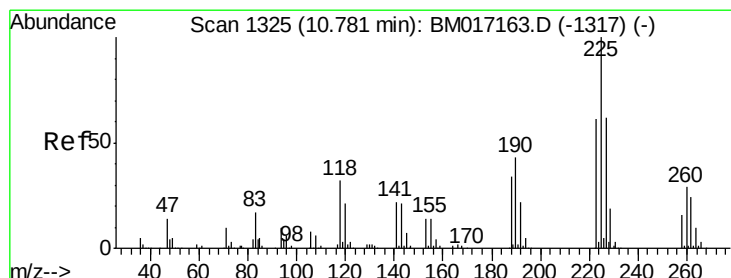
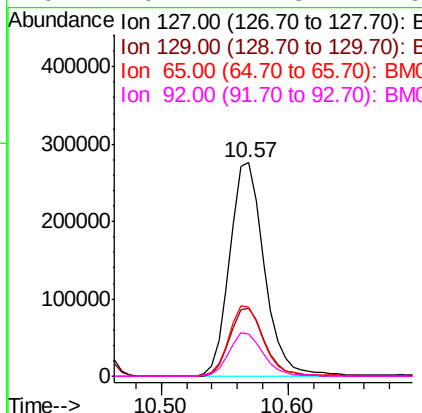
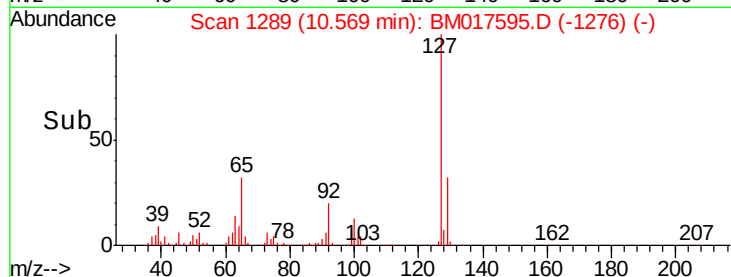
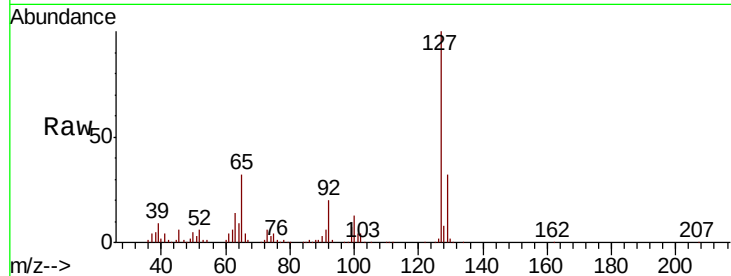
#33
4-Chloroaniline
Concen: 24.666 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.2	39.4		
65	32.2	23.7	35.5		
92	19.7	14.3	21.5		

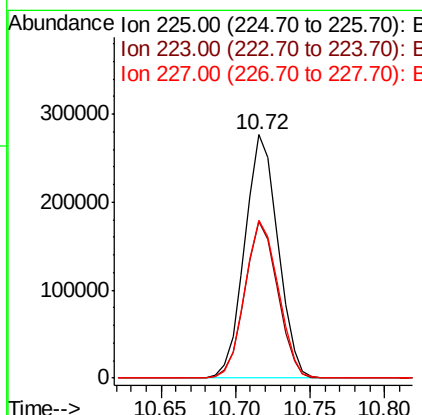
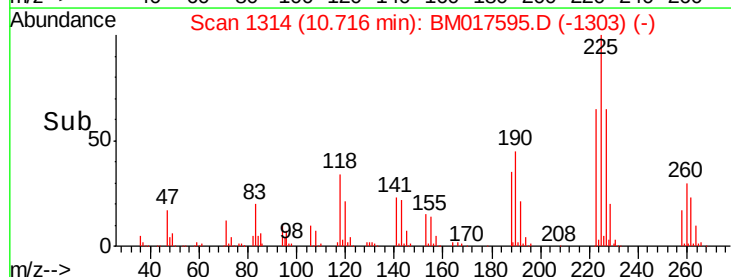
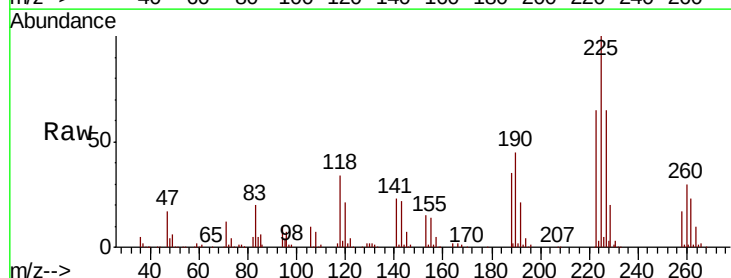
Manual Integrations
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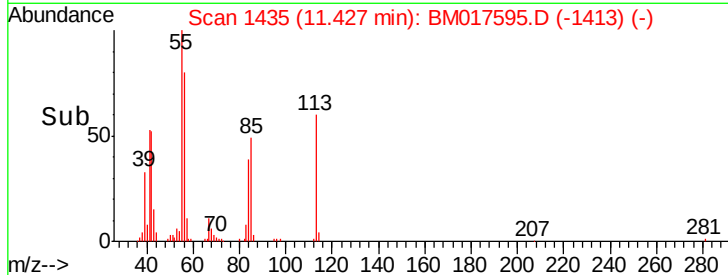
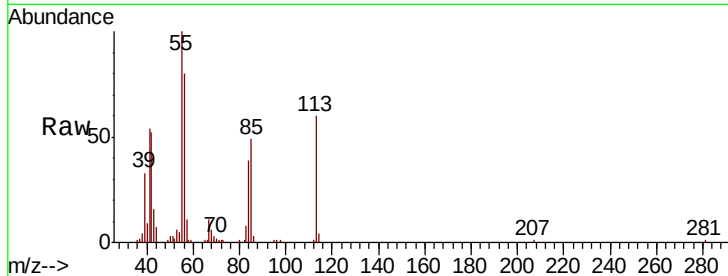
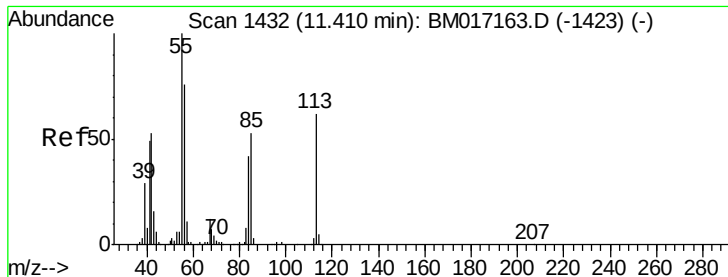
Sohil
11/12/2018 11:53:10 AM



#34
Hexachlorobutadiene
Concen: 38.630 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	51.0	76.6		
227	64.7	50.8	76.2		





#35

Caprolactam

Concen: 42.336 ng/ml

RT: 11.43 min Scan# 1435

Delta R.T. 0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion:113 Resp: 224179

Ion Ratio Lower Upper

113 100

55 165.3 147.0 187.0

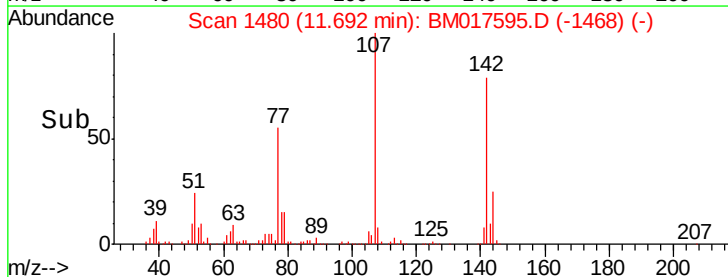
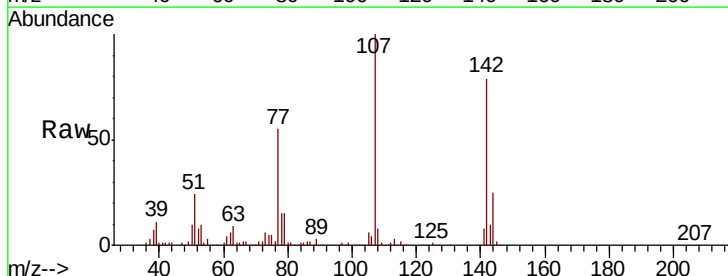
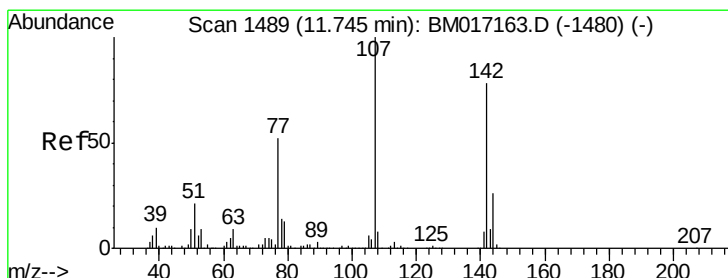
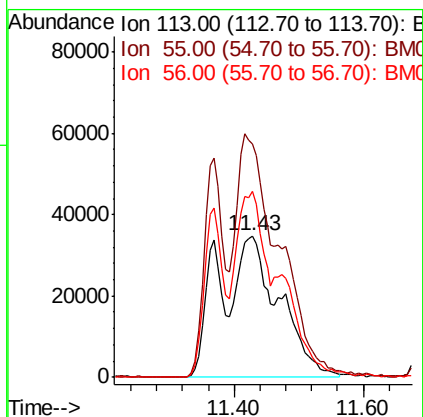
56 131.6 104.5 144.5

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#36

4-Chloro-3-methylphenol

Concen: 48.107 ng/ml

RT: 11.69 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

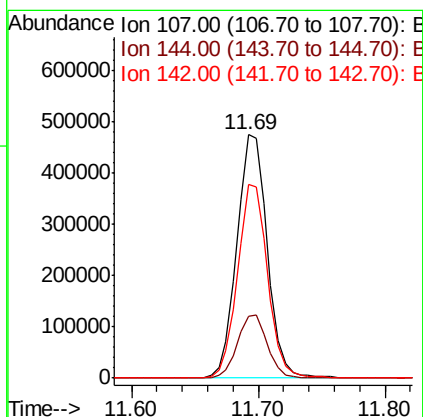
Tgt Ion:107 Resp: 787898

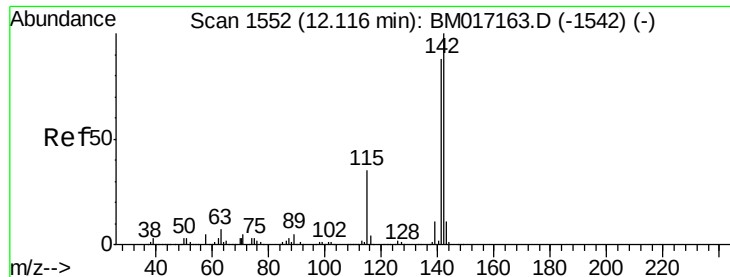
Ion Ratio Lower Upper

107 100

144 25.4 21.6 32.4

142 79.3 66.0 99.0





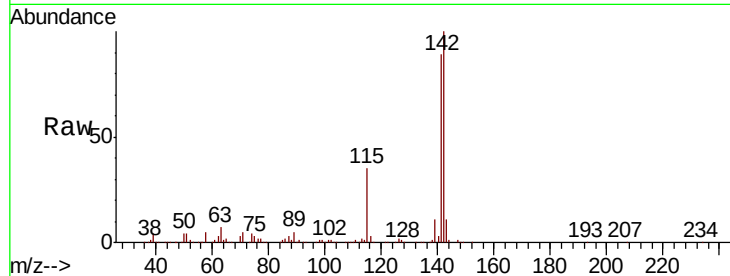
#37
2-Methylnaphthalene
Concen: 49.518 ng
RT: 12.06 min Scan# 1543
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	35.5	26.4	39.6

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11/12/2018 11:53:10 AM

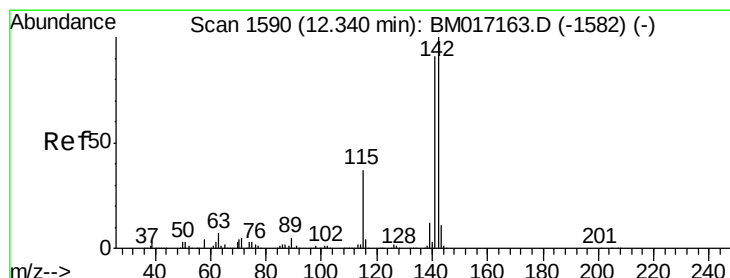
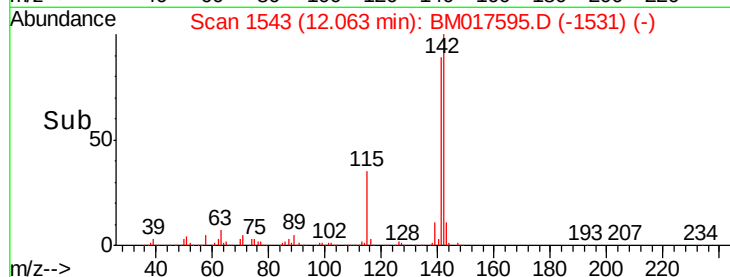
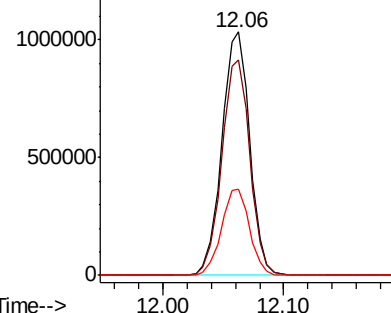


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.130 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

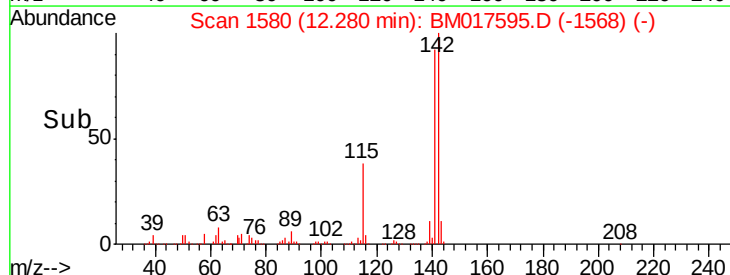
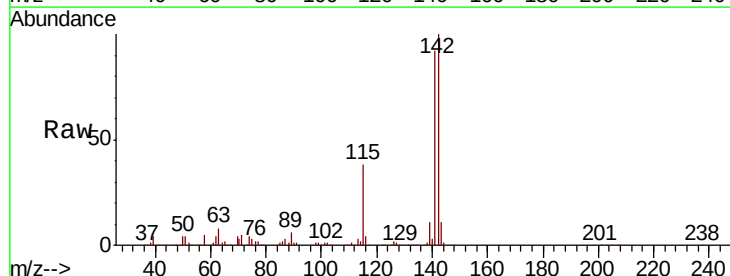
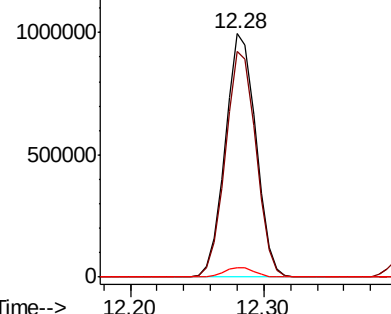
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.6
116	3.8	2.9	4.3

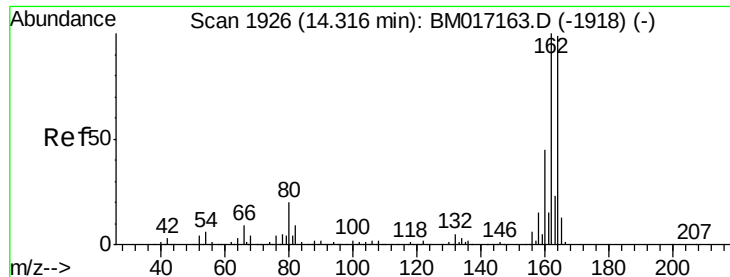
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





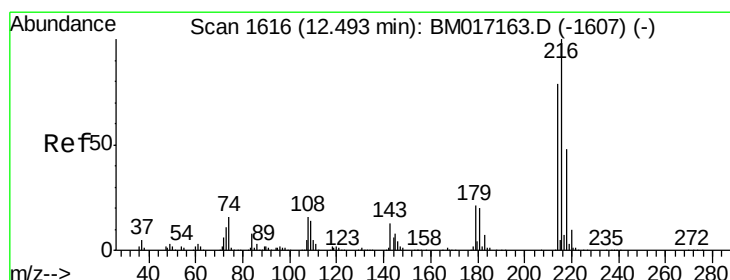
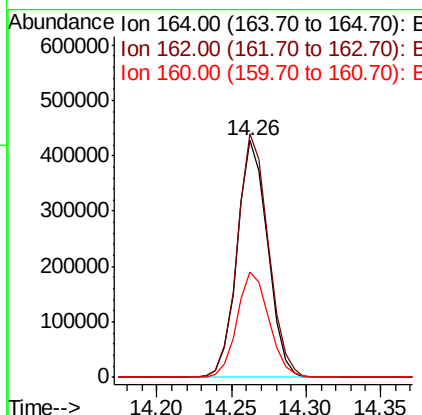
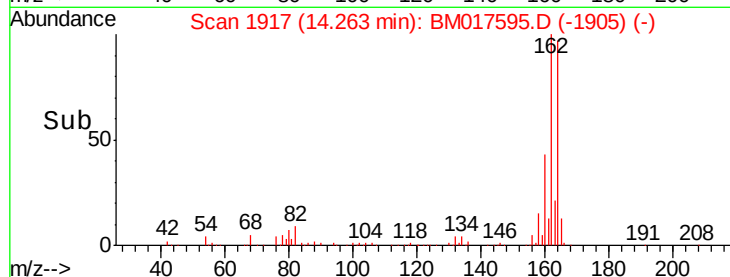
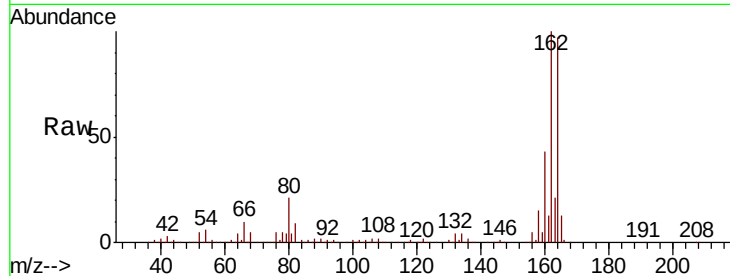
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	44.6	40.2	60.2

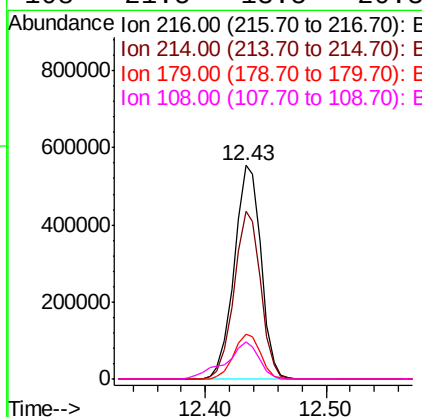
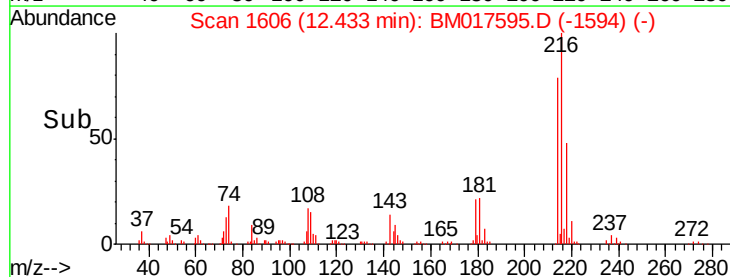
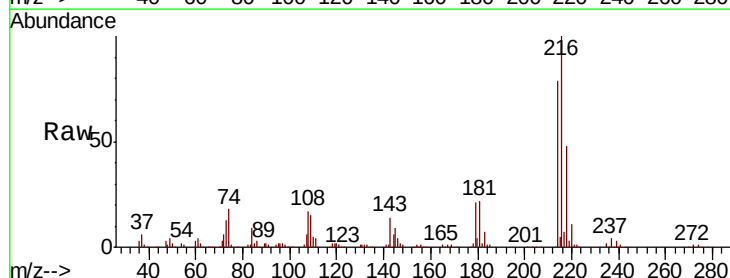
Manual Integrations
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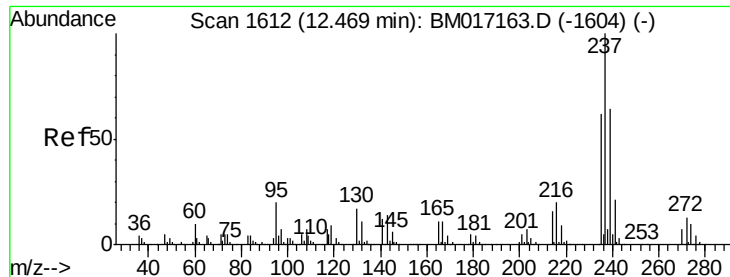
Sohil
11/12/2018 11:53:10 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.075 ng
RT: 12.43 min Scan# 1606
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	93.8
179	21.0	16.6	24.8
108	21.5	13.5	20.3





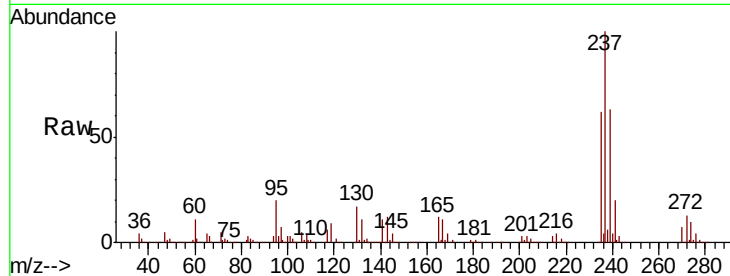
#41
Hexachlorocyclopentadiene
Concen: 114.674 ng
RT: 12.41 min Scan# 1602
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.4	82.4
272	12.8	0.0	33.0

Manual Integrations
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Sohil
11/12/2018 11:53:10 AM

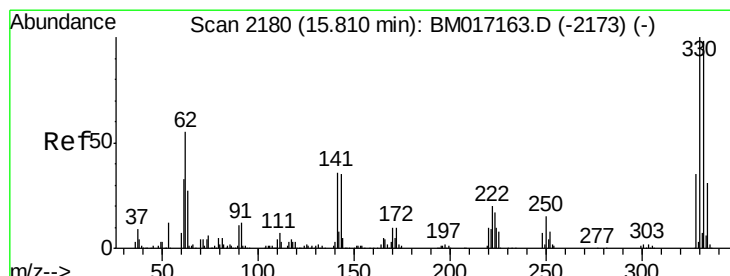
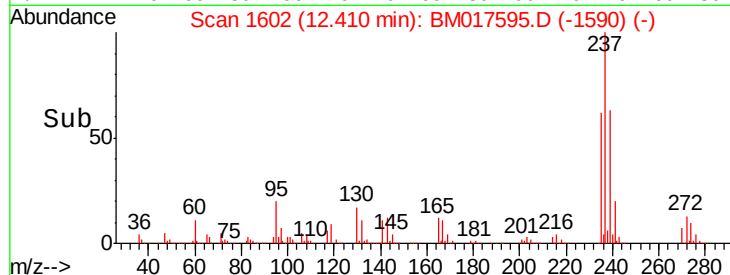
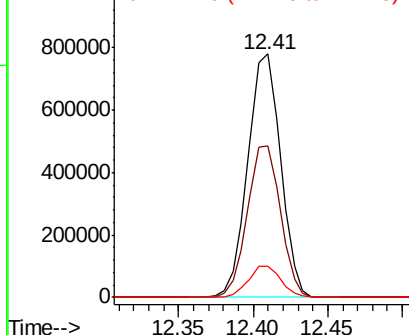


Abundance

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: 178.039 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

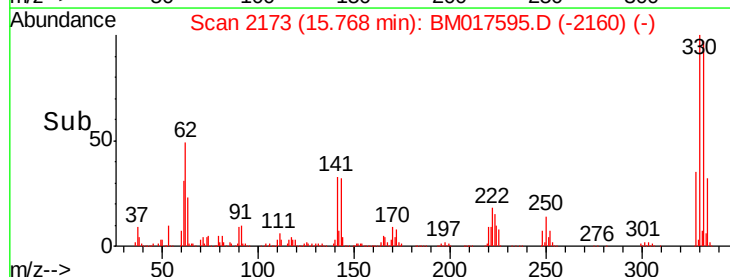
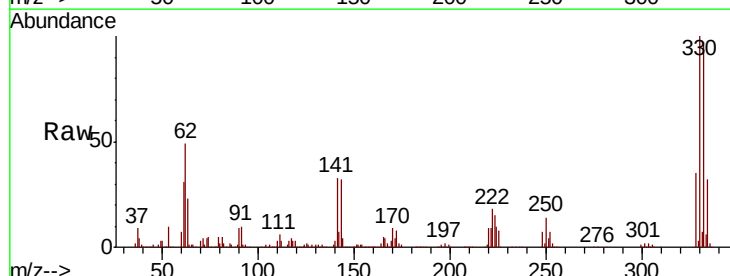
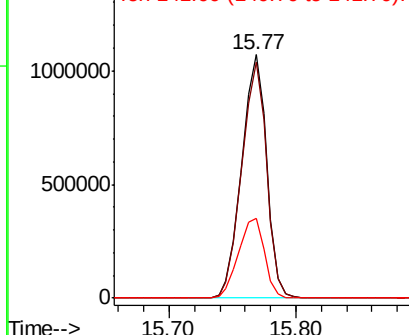
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	34.0	27.4	41.0

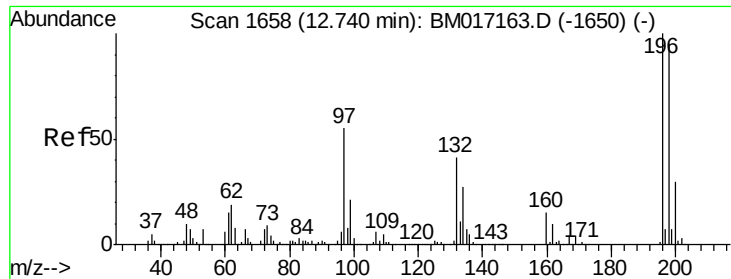
Abundance

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





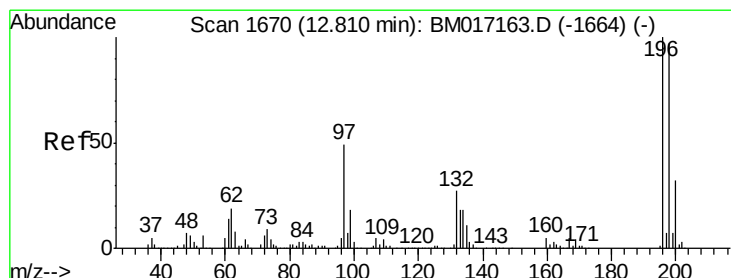
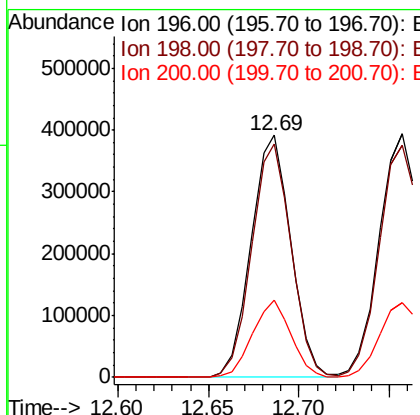
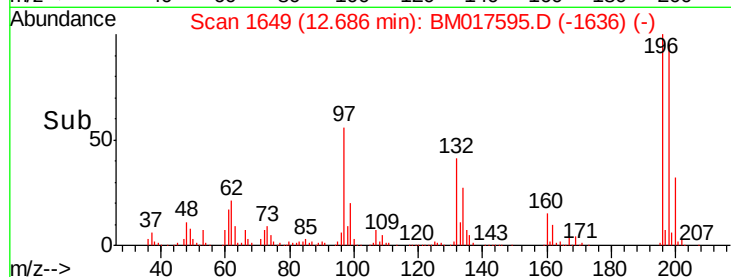
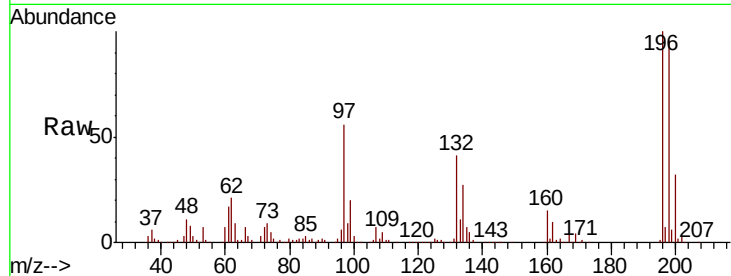
#43
 2,4,6-Trichlorophenol
 Concen: 48.274 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampled :
 PB114669BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
200	31.9	25.0	37.4

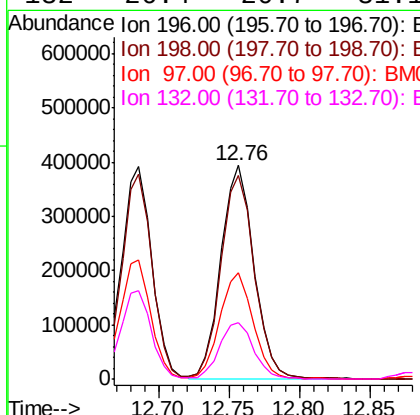
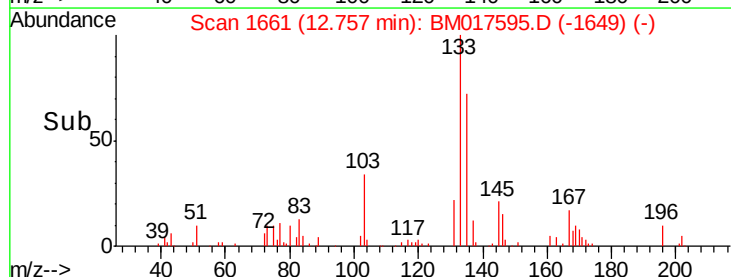
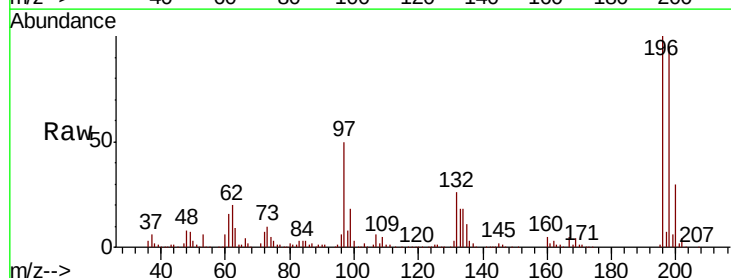
Manual Integrations
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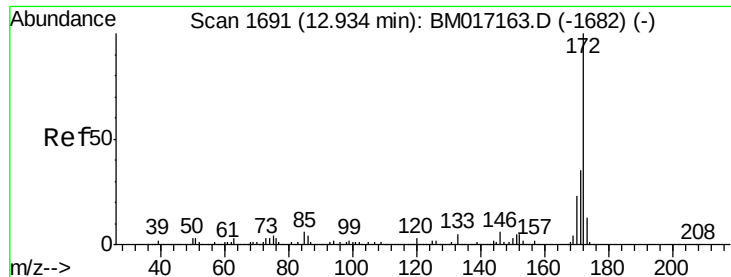
Sohil
 11/12/2018 11:53:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.978 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	115.0
97	50.0	35.5	53.3
132	26.4	20.7	31.1





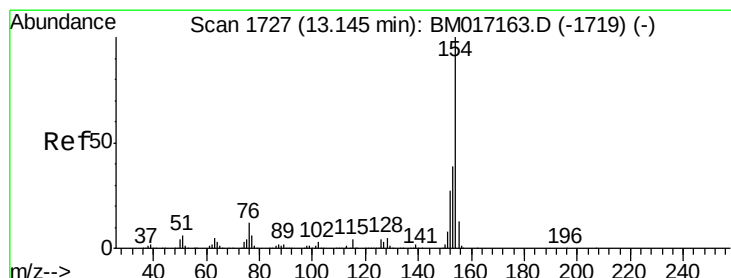
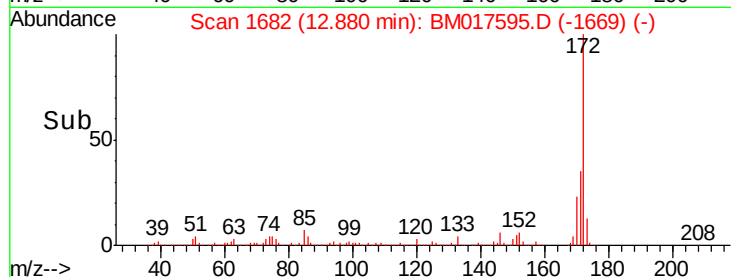
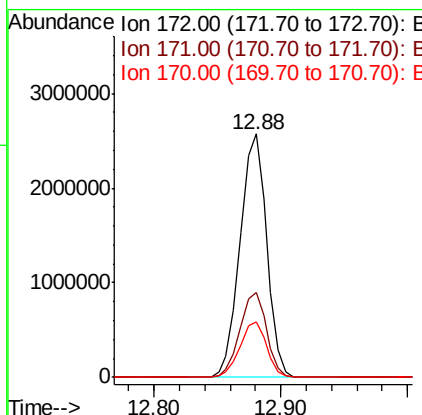
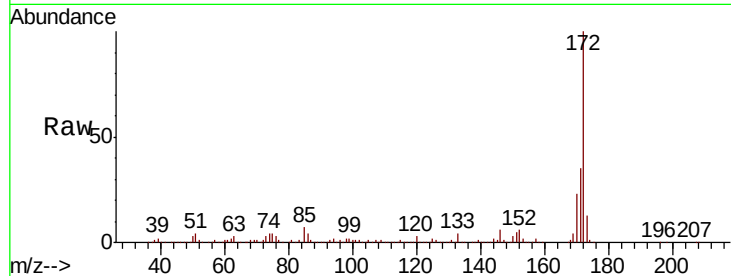
#45
2-Fluorobiphenyl
Concen: 81.958 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.6	18.3	27.5

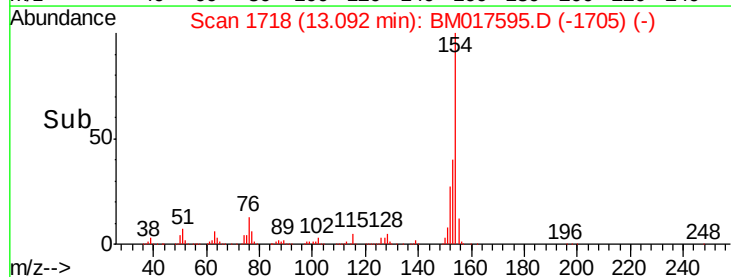
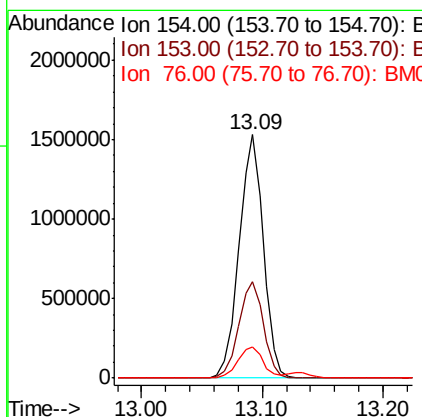
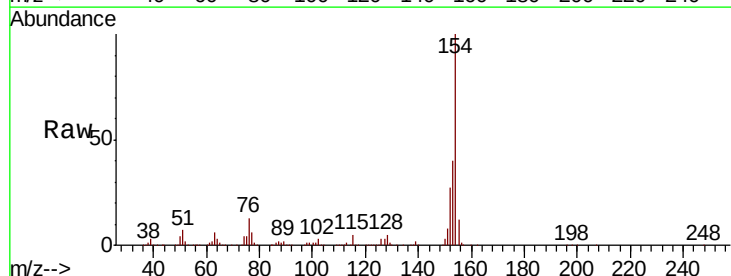
Manual Integrations
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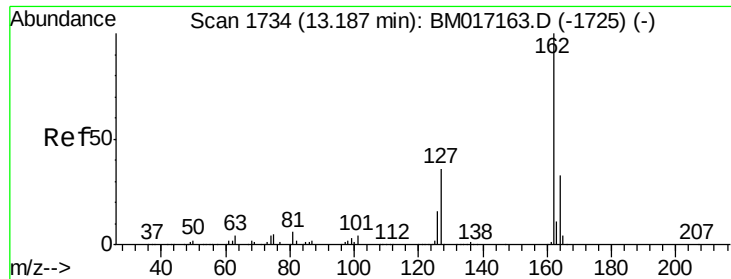
Sohil
11/12/2018 11:53:10 AM



#46
1,1'-Biphenyl
Concen: 39.122 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.5	60.5
76	12.9	0.0	31.8





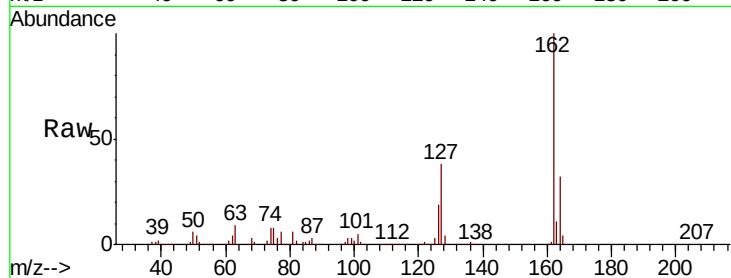
#47
2-Chloronaphthalene
Concen: 41.223 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampled :
PB114669BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.4
164	32.4	26.6	39.8

Manual Integrations
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11/12/2018 11:53:10 AM

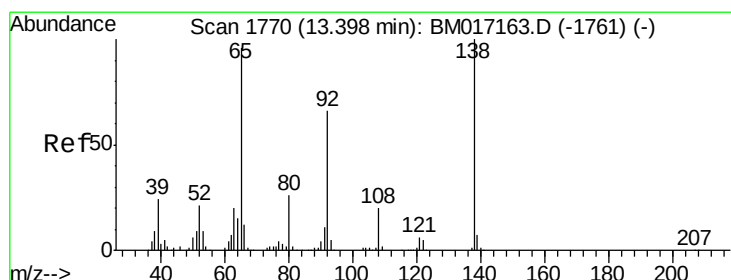
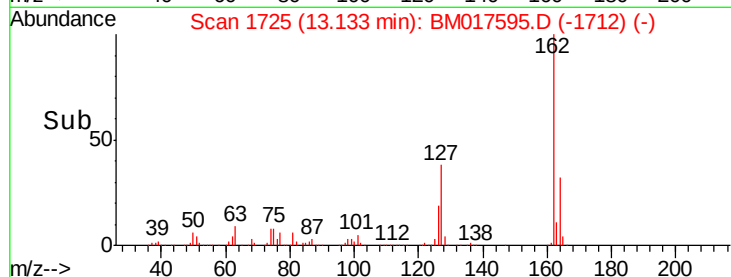
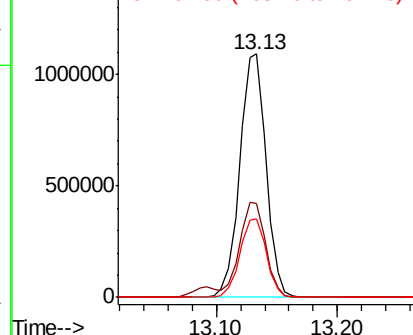


Abundance

Ion 162.00 (161.70 to 162.70): E

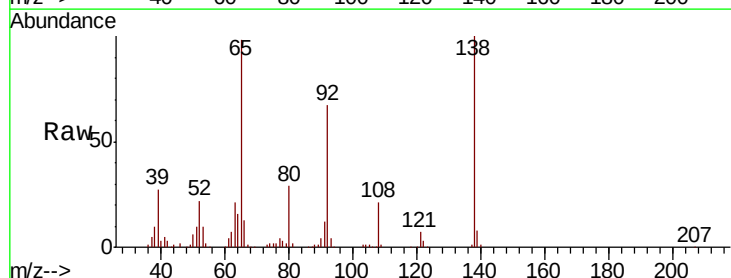
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.587 ng
RT: 13.35 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.9	82.3
138	102.0	83.7	125.5

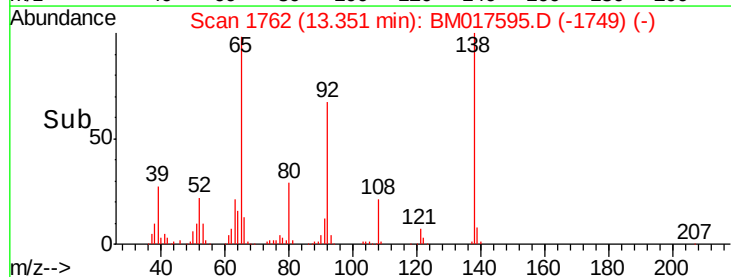
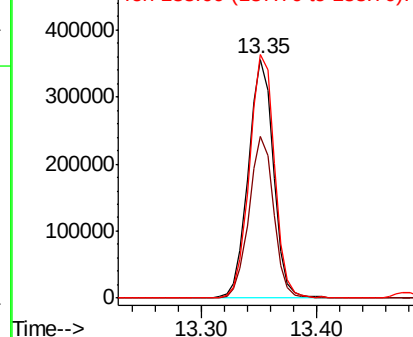


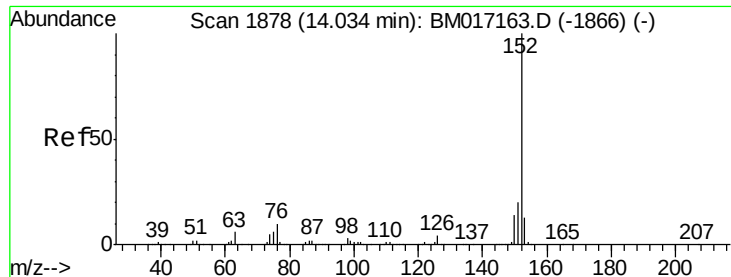
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.344 ng

RT: 13.99 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion:152 Resp: 2755070

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

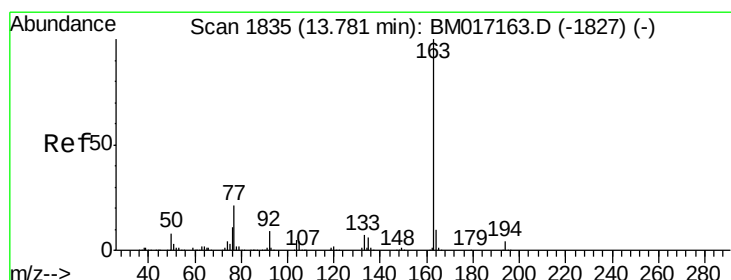
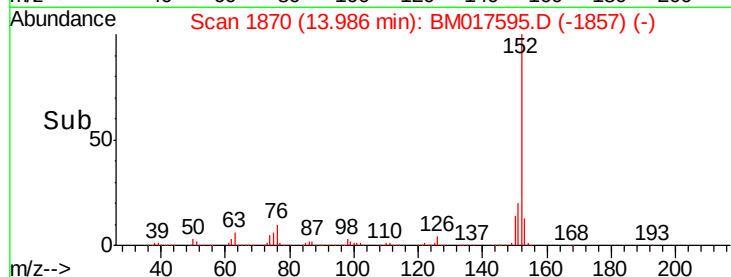
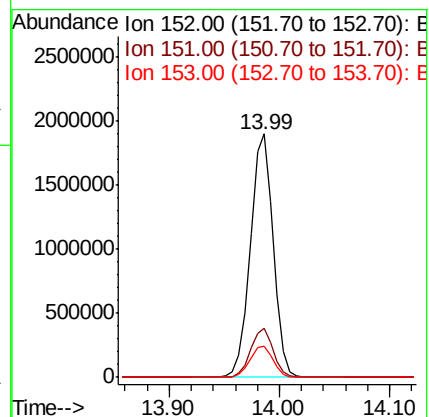
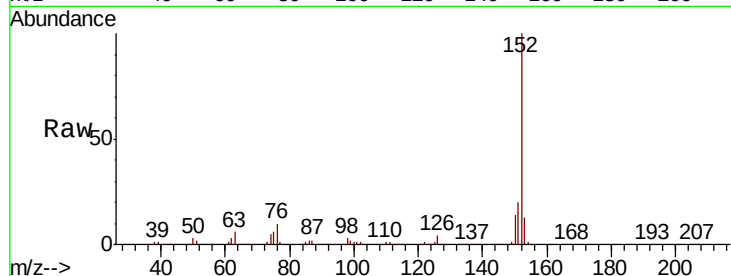
153 12.9 10.4 15.6

Manual Integrations

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#50

Dimethylphthalate

Concen: 45.457 ng

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

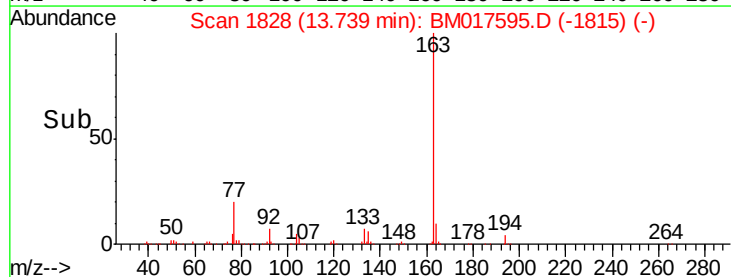
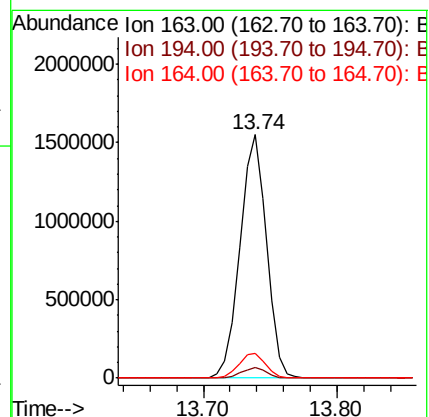
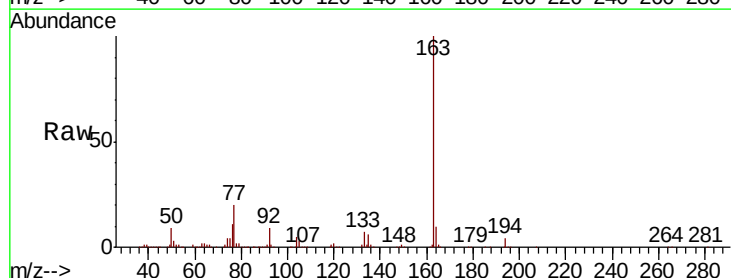
Tgt Ion:163 Resp: 2126735

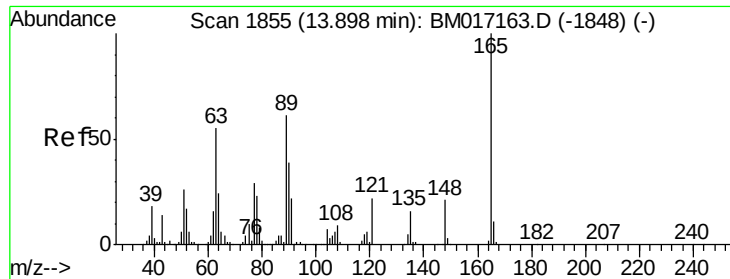
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 7.8 11.8





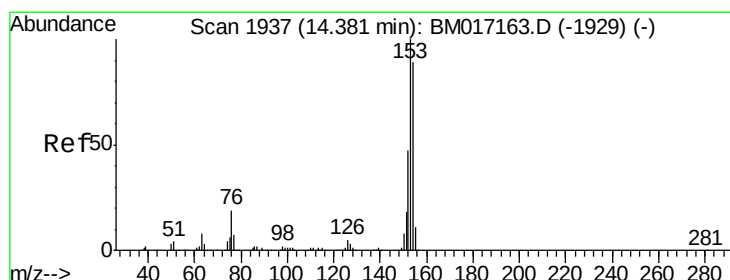
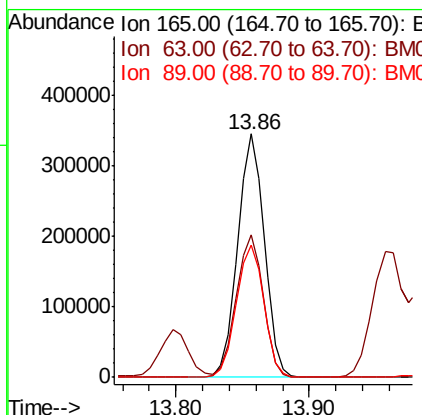
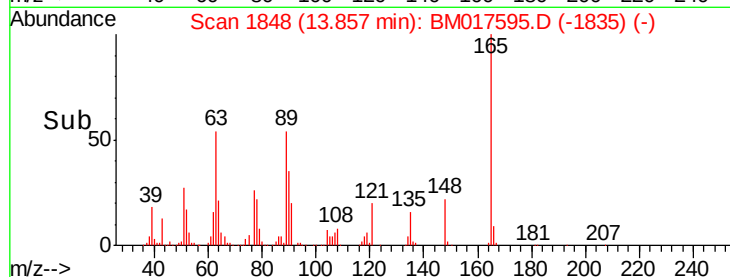
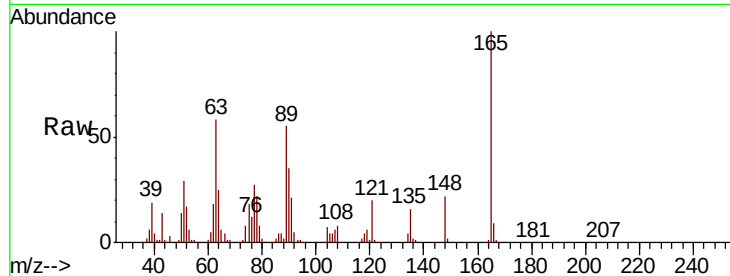
#51
 2,6-Dinitrotoluene
 Concen: 46.329 ng
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	42.7	64.1
89	54.6	42.1	63.1

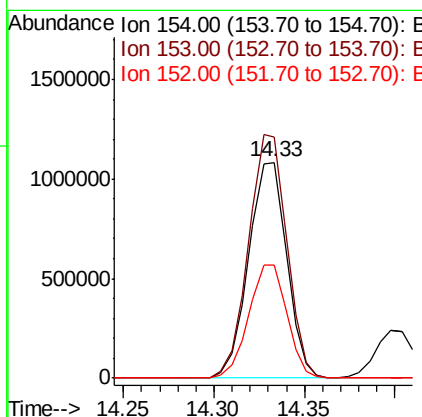
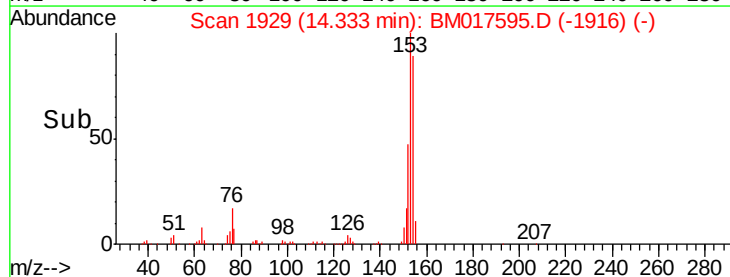
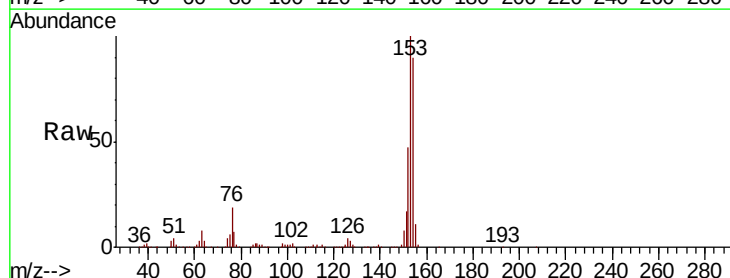
Manual Integrations
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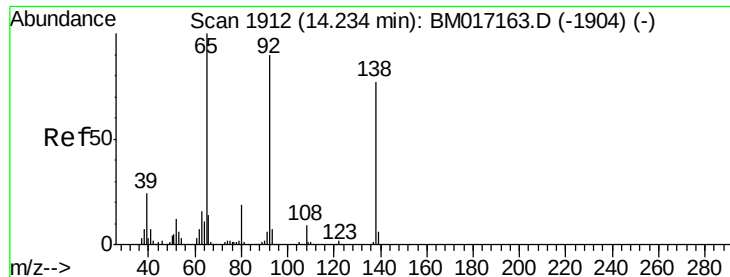
Sohil
 11/12/2018 11:53:10 AM



#52
 Acenaphthene
 Concen: 43.536 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.2	135.2
152	52.7	44.2	66.4





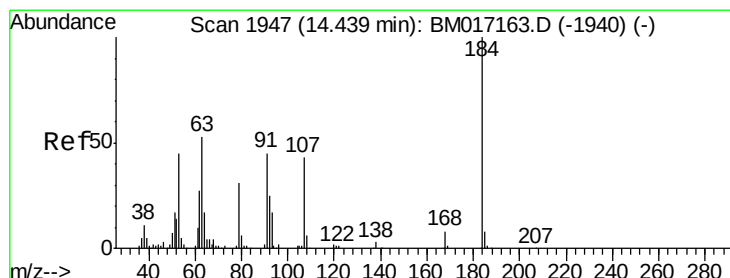
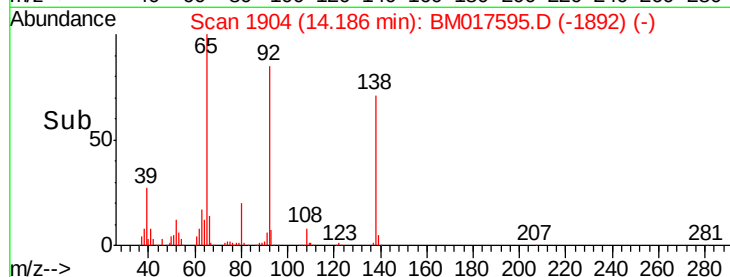
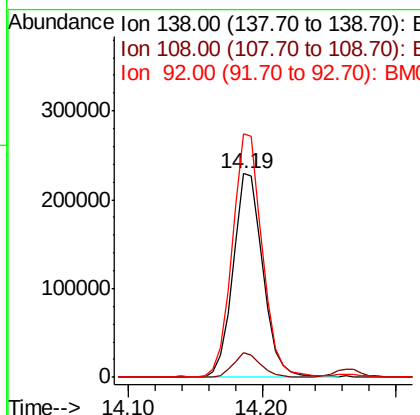
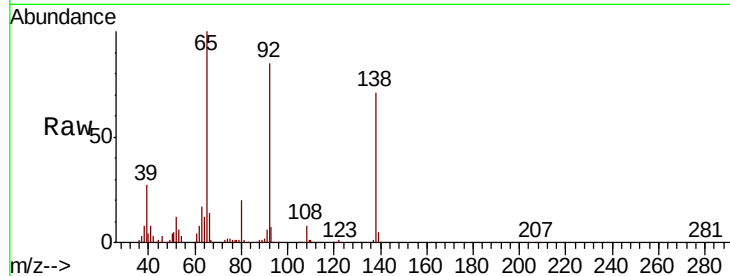
#53
3-Nitroaniline
Concen: 32.002 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.7	13.1
92	119.4	87.9	131.9

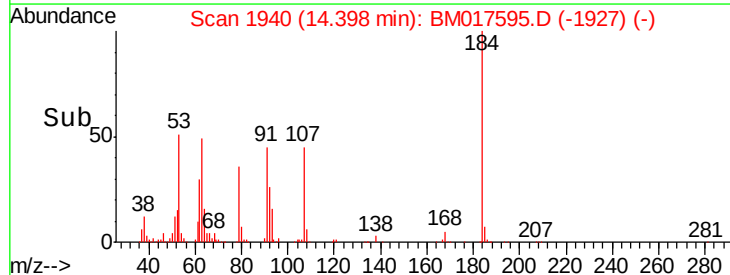
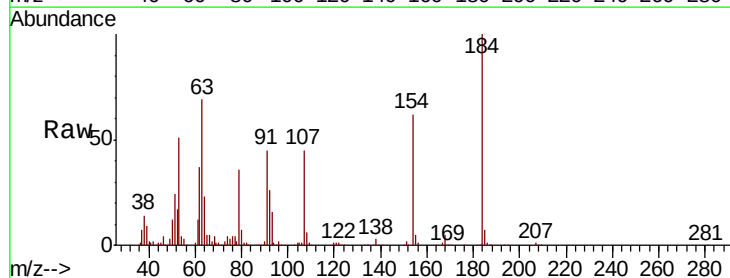
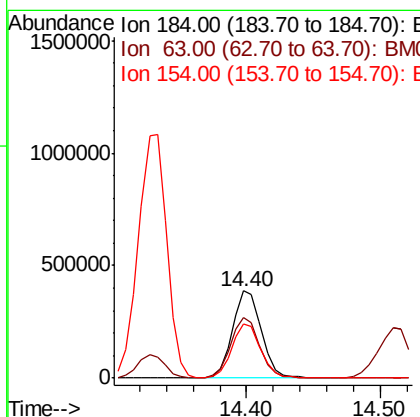
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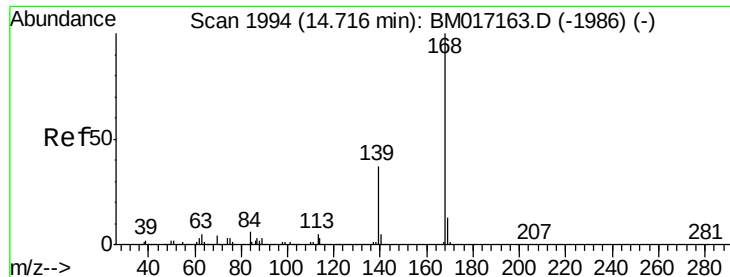
Sohil
11/12/2018 11:53:10 AM



#54
2,4-Dinitrophenol
Concen: 95.635 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	51.2	76.8
154	62.5	47.8	71.8





#55

Dibenzofuran

Concen: 42.498 ng

RT: 14.67 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion:168 Resp: 2582208

Ion Ratio Lower Upper

168 100

139 37.0 29.3 43.9

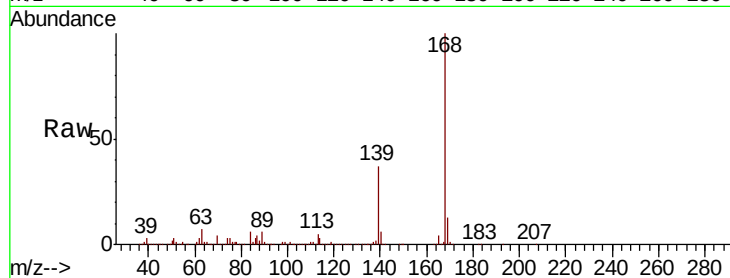
169 13.1 10.6 15.8

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Sohil

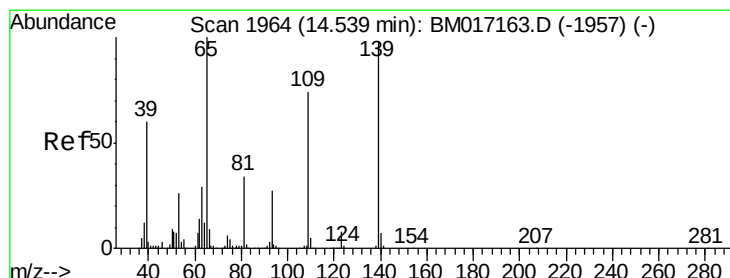
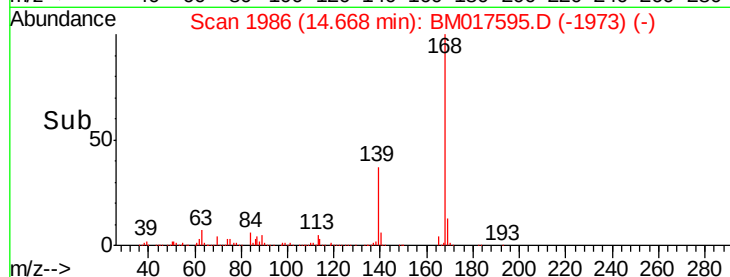
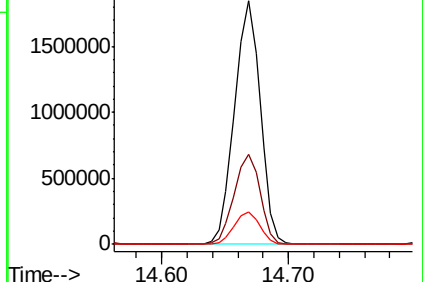
11/12/2018 11:53:10 AM



Abundance Ion 168.00 (167.70 to 168.70): E

2500000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 110.960 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

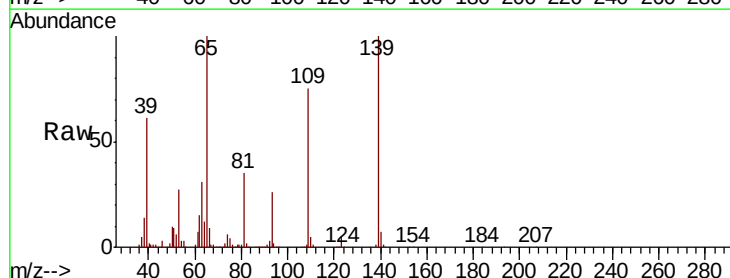
Tgt Ion:139 Resp: 1147546

Ion Ratio Lower Upper

139 100

109 75.2 51.8 91.8

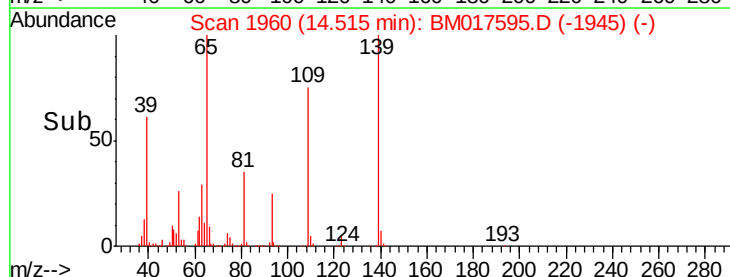
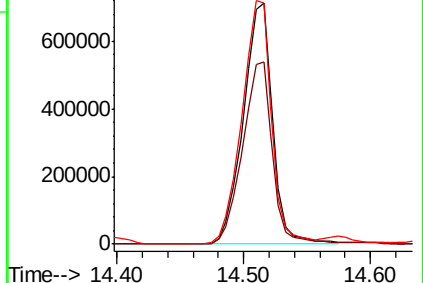
65 100.0 72.1 112.1

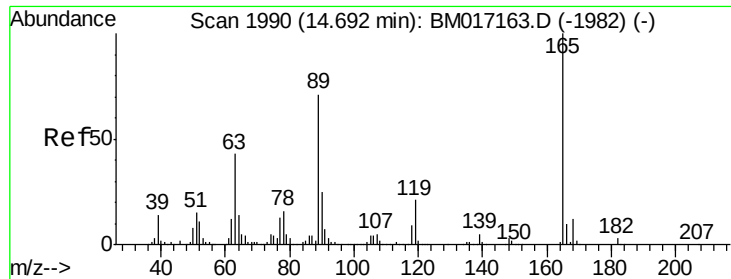


Abundance Ion 139.00 (138.70 to 139.70): E

1000000 Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





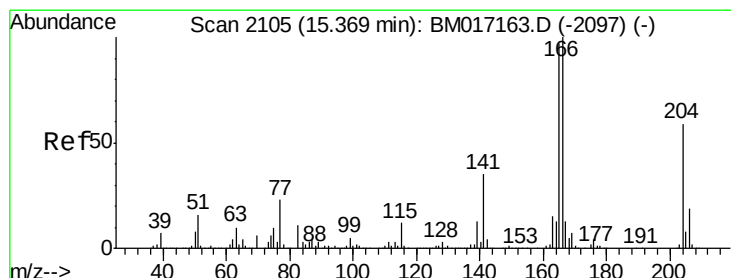
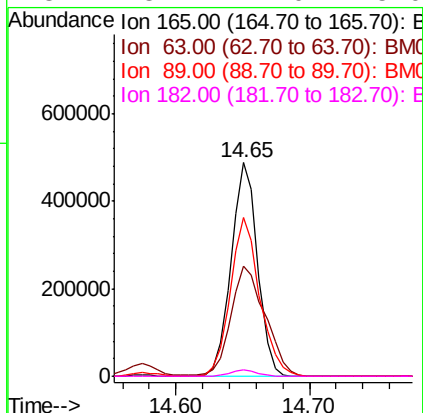
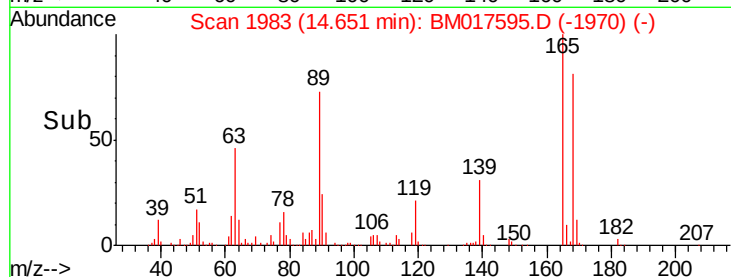
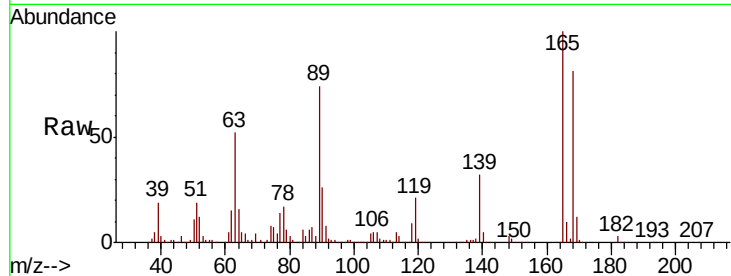
#57
2,4-Dinitrotoluene
Concen: 48.719 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	33.8	50.8#
89	74.3	53.1	79.7
182	3.1	2.0	3.0#

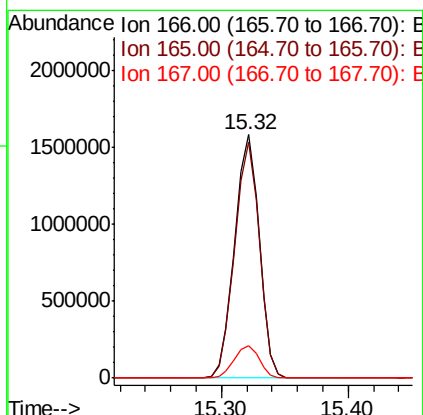
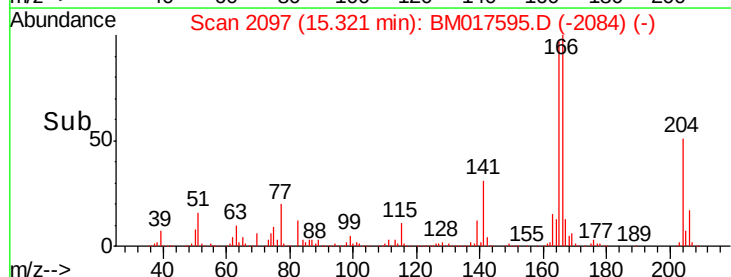
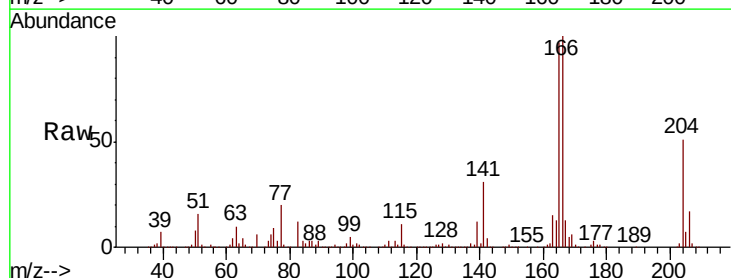
Manual Integrations
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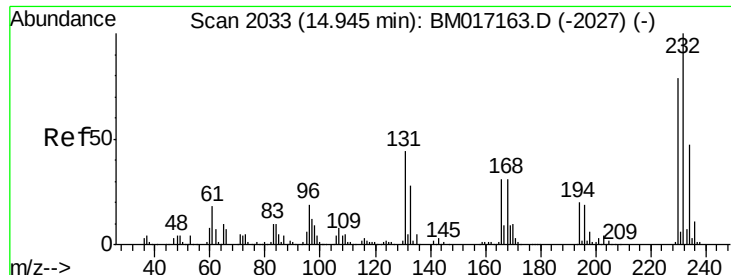
Sohil
11/12/2018 11:53:10 AM



#58
Fluorene
Concen: 47.339 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.1	117.1
167	13.3	10.6	16.0





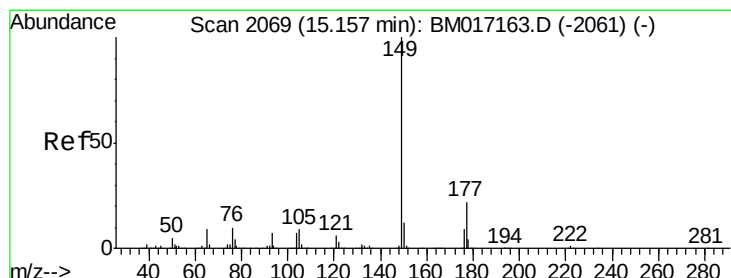
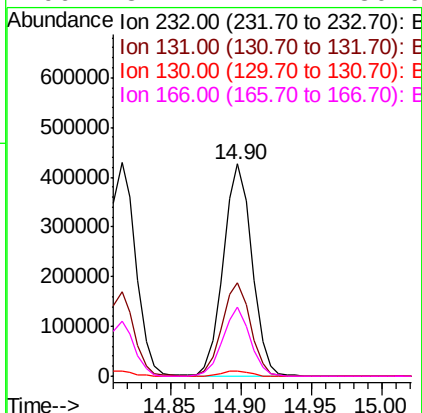
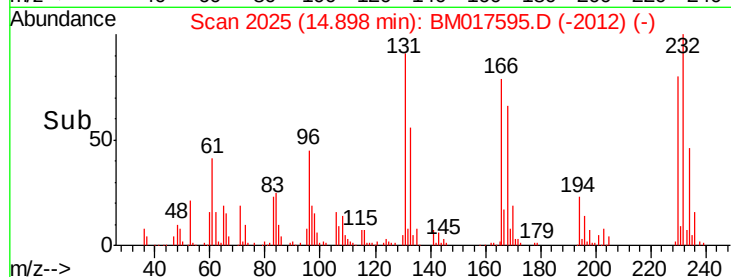
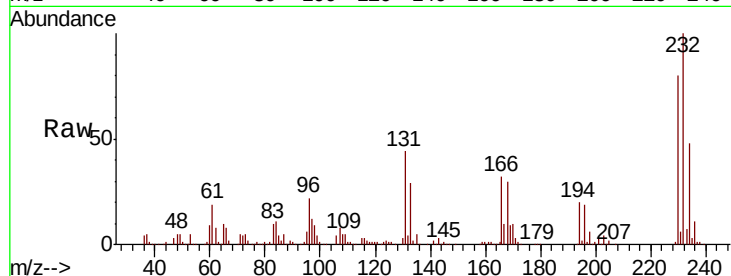
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.377 ng
 RT: 14.90 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	598345		
131	44.4		33.1	49.7
130	2.4		1.7	2.5
166	31.4		24.4	36.6

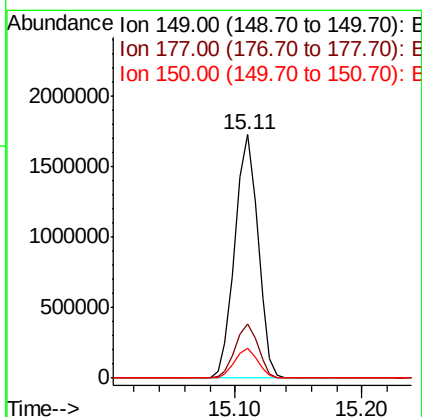
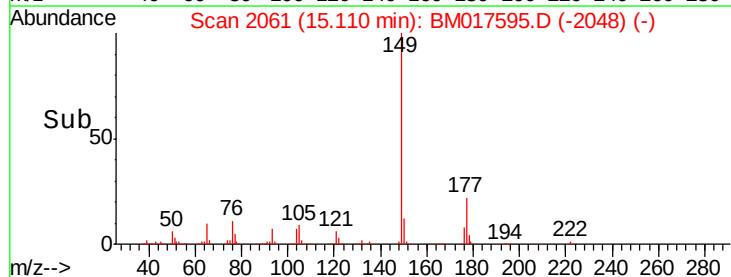
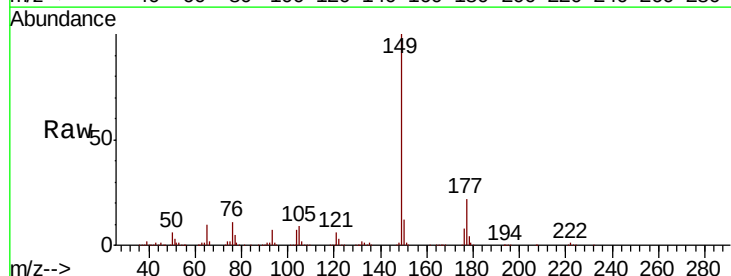
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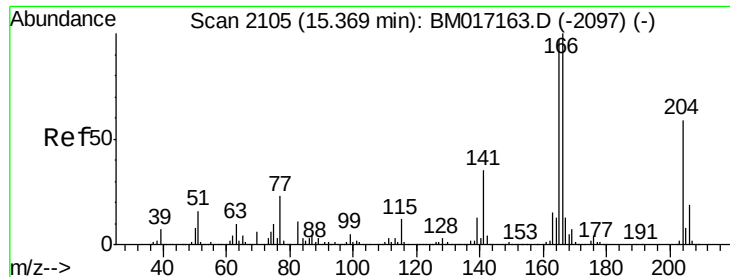
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#60
 Diethylphthalate
 Concen: 47.104 ng
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2185536		
177	22.0		17.7	26.5
150	12.3		10.0	15.0





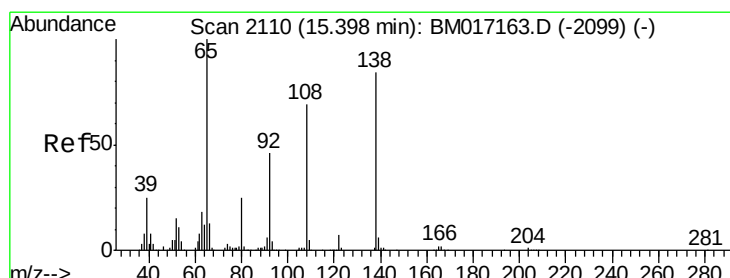
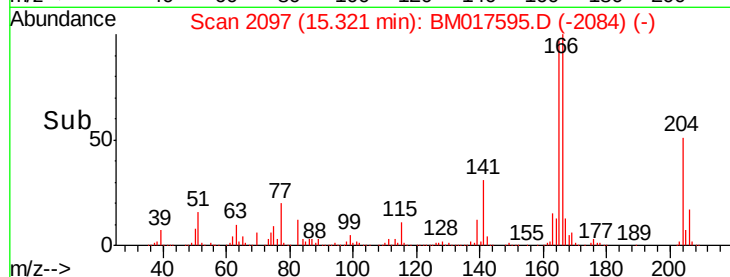
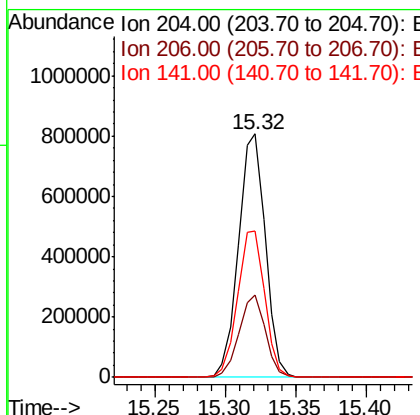
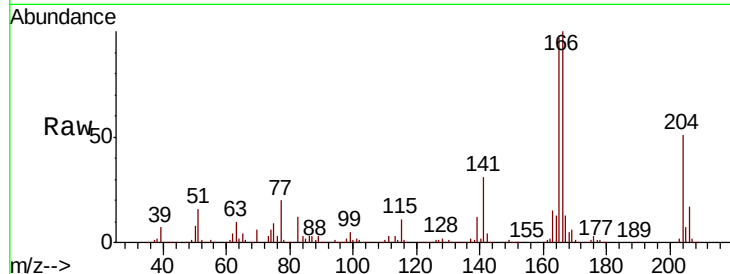
#61
4-Chlorophenyl-phenylether
Concen: 41.714 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:204 Resp: 1069529
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 59.9 45.4 68.2

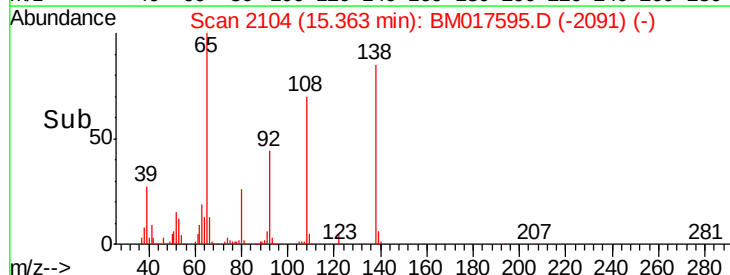
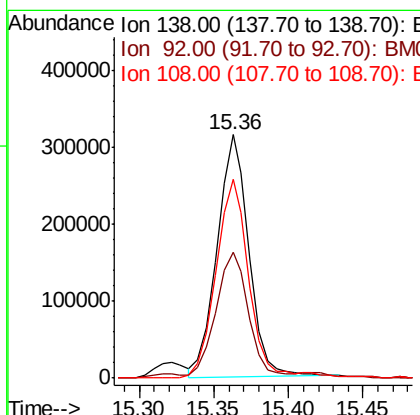
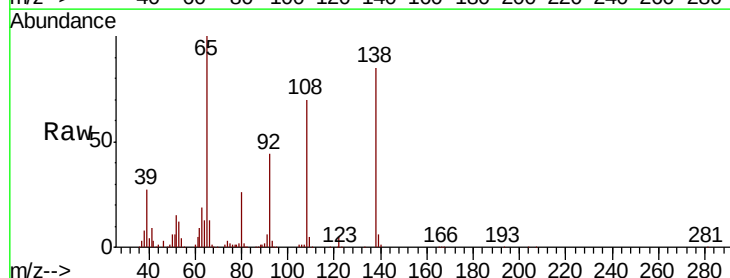
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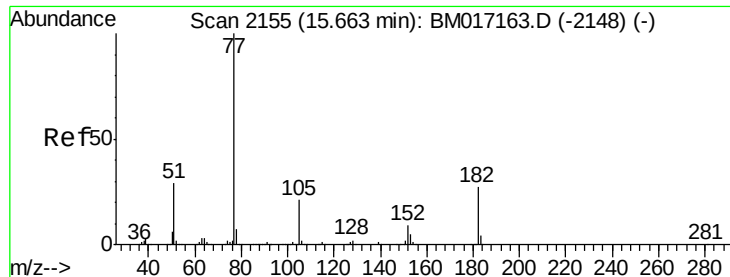
Sohil
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#62
4-Nitroaniline
Concen: 38.610 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:138 Resp: 467695
Ion Ratio Lower Upper
138 100
92 51.8 31.2 71.2
108 81.4 55.5 95.5





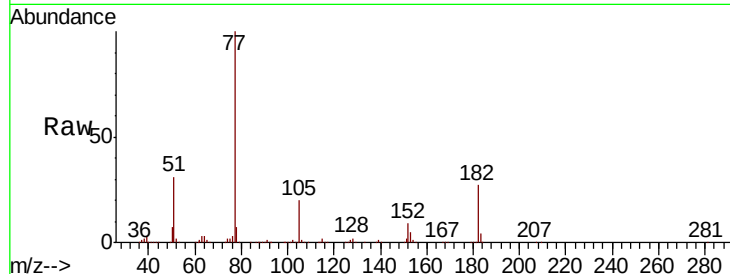
#63
Azobenzene
Concen: 47.999 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	8.3	48.3
105	20.0	1.5	41.5
51	31.1	8.8	48.8

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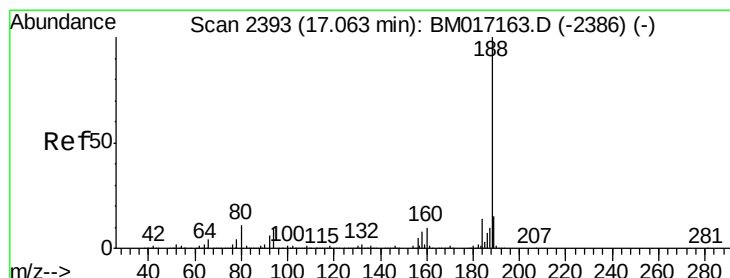
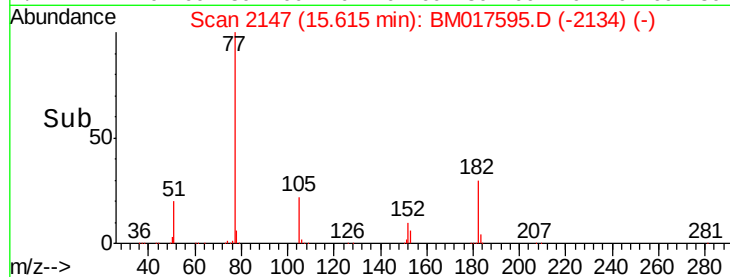
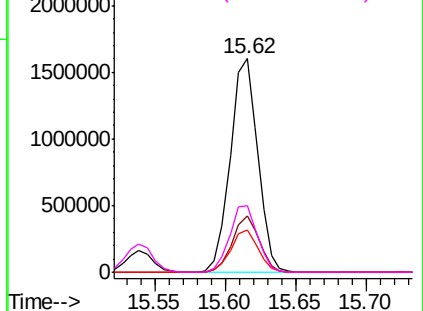


Abundance Ion 77.00 (76.70 to 77.70): BM017595.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017595.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017595.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017595.D (-2148) (-)



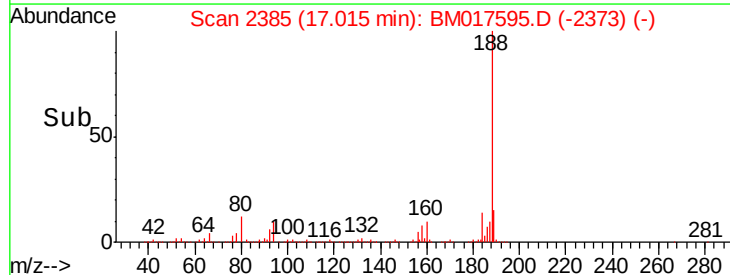
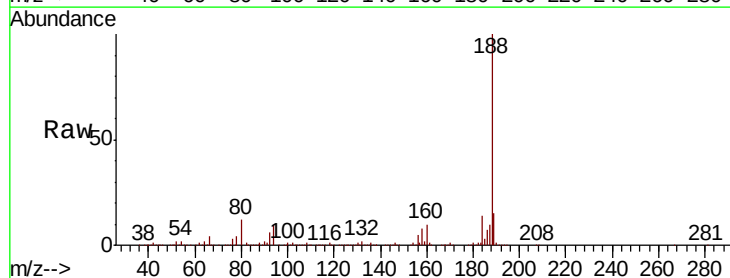
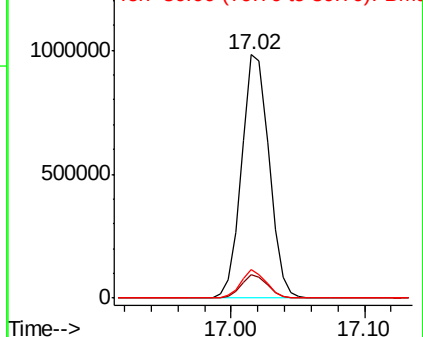
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

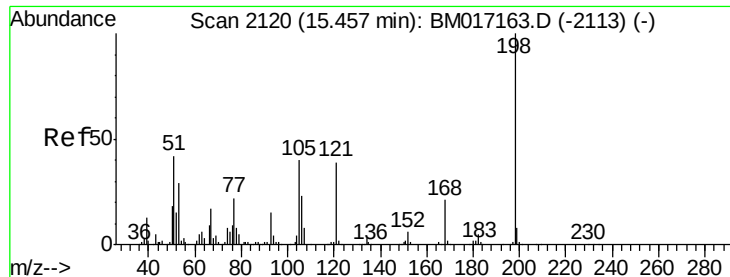
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	11.7	7.7	11.5#

Abundance Ion 188.00 (187.70 to 188.70): BM017595.D (-2373) (-)

Ion 94.00 (93.70 to 94.70): BM017595.D (-2373) (-)

Ion 80.00 (79.70 to 80.70): BM017595.D (-2373) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.743 ng

RT: 15.42 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion:198 Resp: 396035
Ion Ratio Lower Upper

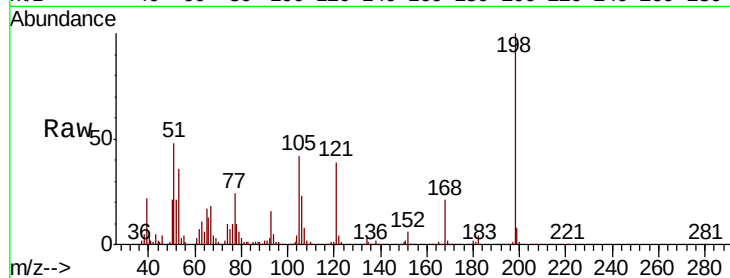
198 100

51 48.3 20.3 60.3

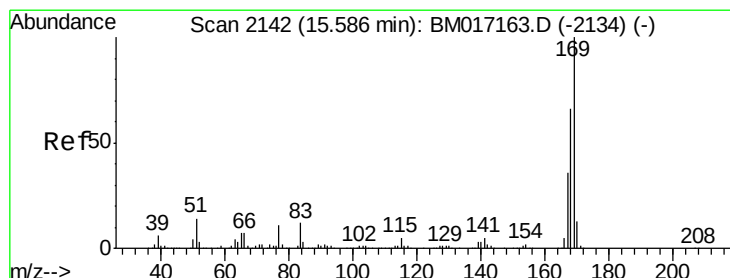
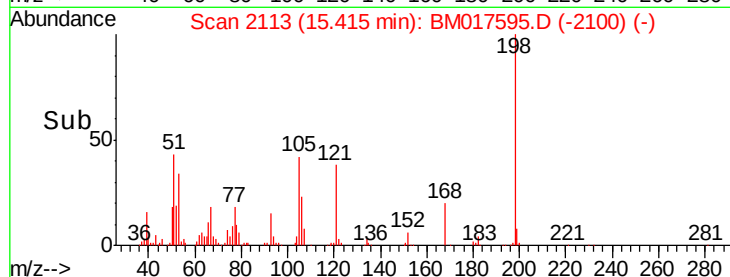
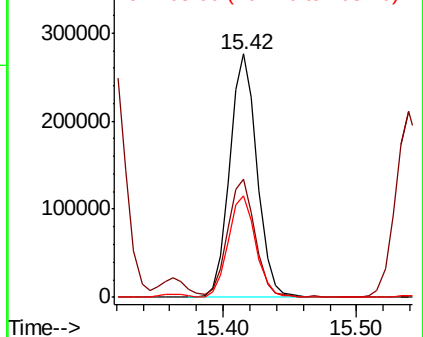
105 41.9 21.9 61.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.142 ng

RT: 15.54 min Scan# 2134

Delta R.T. -0.02 min

Lab File: BM017595.D

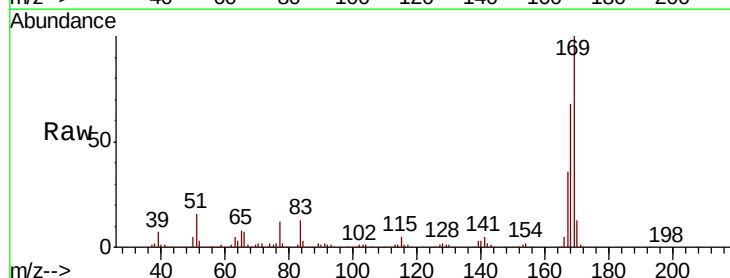
Acq: 09 Nov 2018 17:24

Tgt Ion:169 Resp: 1864048
Ion Ratio Lower Upper

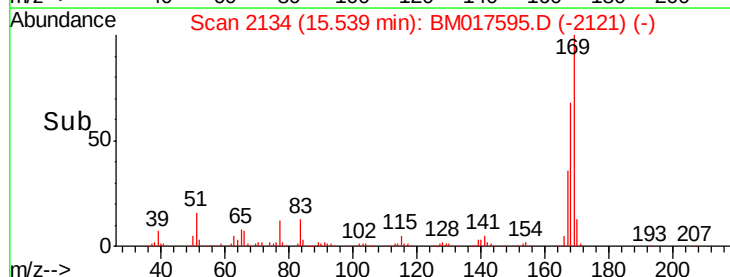
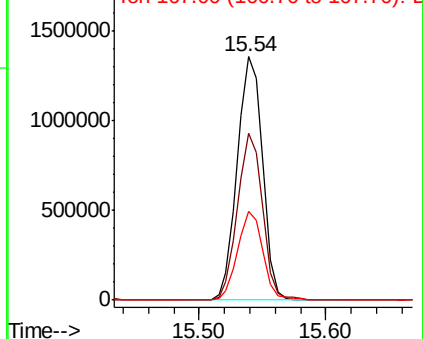
169 100

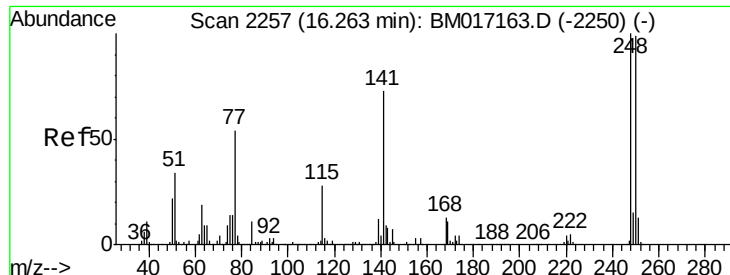
168 68.3 52.2 78.4

167 36.3 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





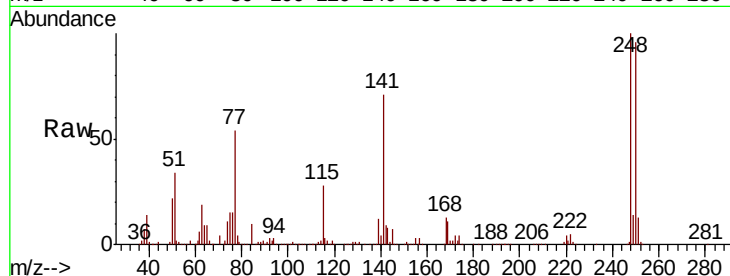
#67
4-Bromophenyl-phenylether
Concen: 44.554 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	75.1	112.7
141	71.4	55.6	83.4

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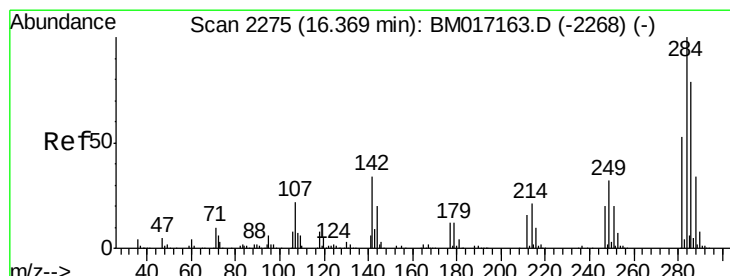
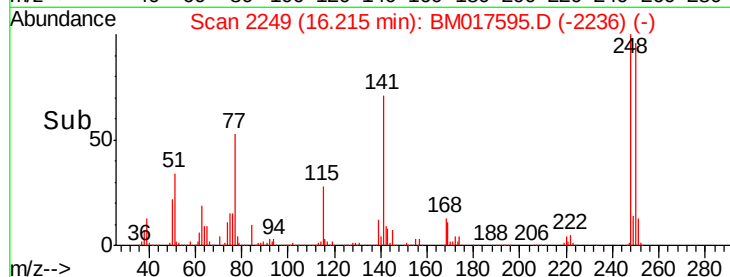
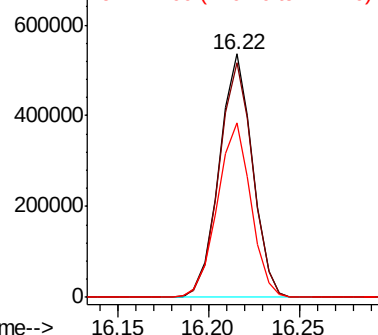


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.080 ng
RT: 16.32 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

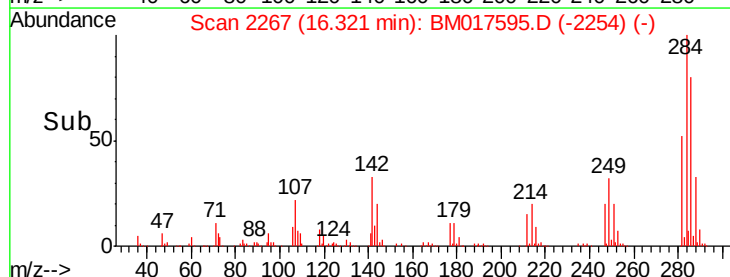
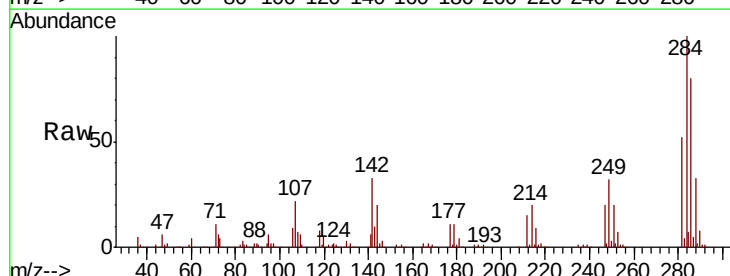
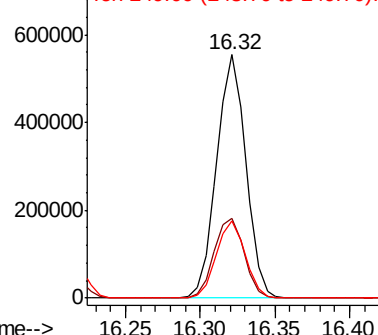
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.0	37.6
249	31.7	25.5	38.3

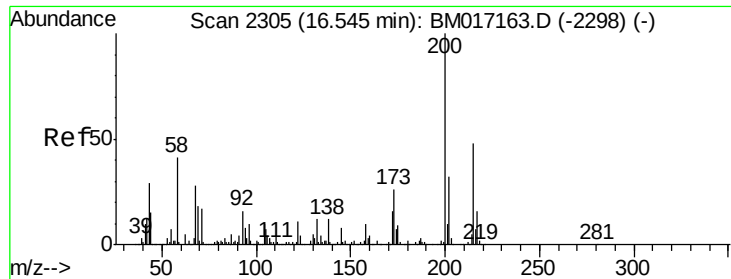
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





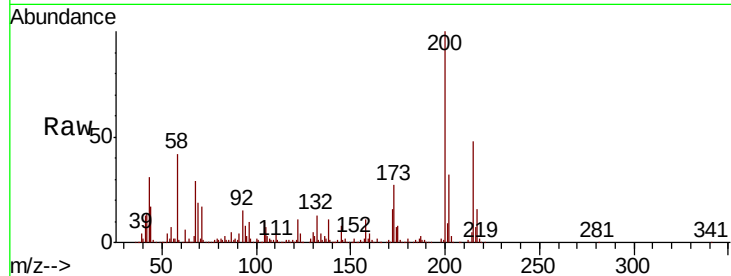
#69
Atrazine
Concen: 46.004 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	695291		
173	26.5	7.0	47.0	
215	47.9	27.3	67.3	

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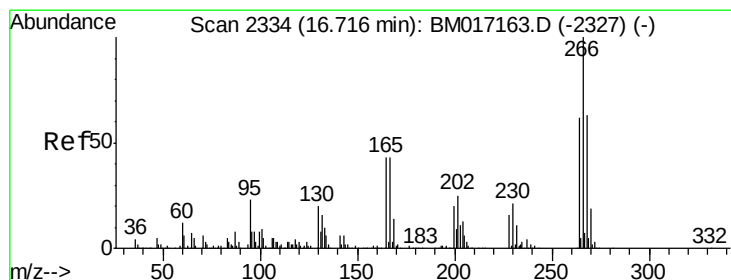
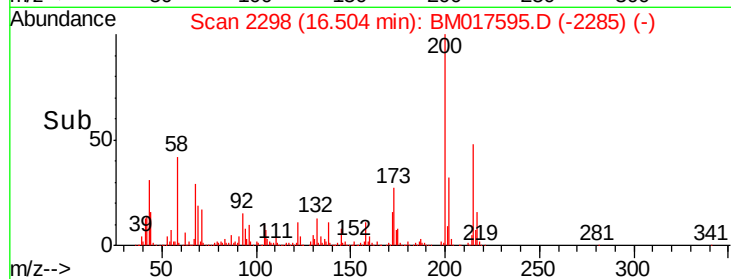
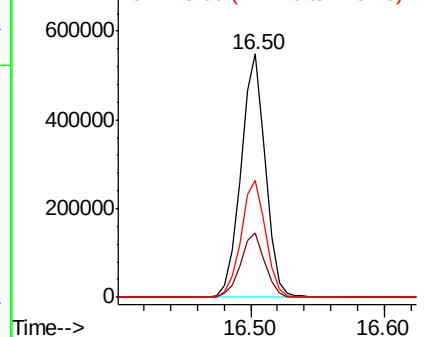


Abundance

Ion 200.00 (199.70 to 200.70): E

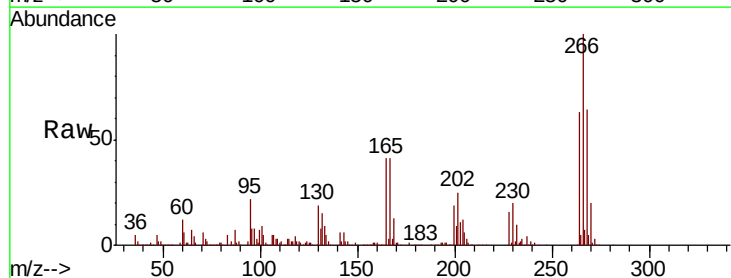
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.748 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	948133		
268	64.1	50.7	76.1	
264	63.3	50.4	75.6	

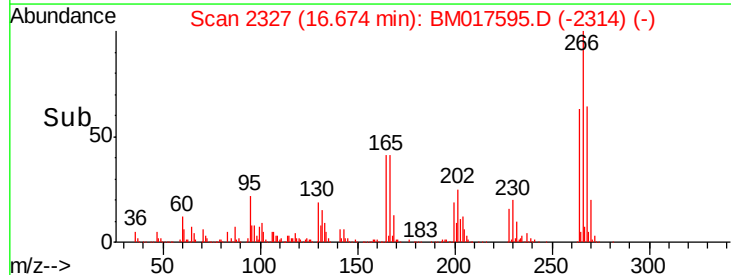
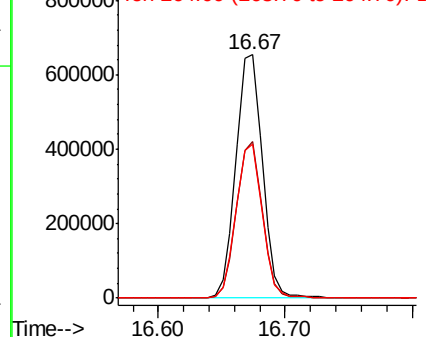


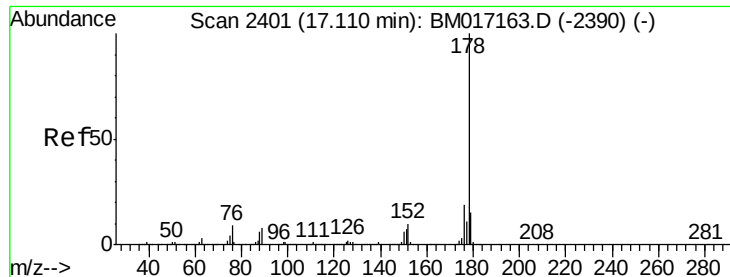
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





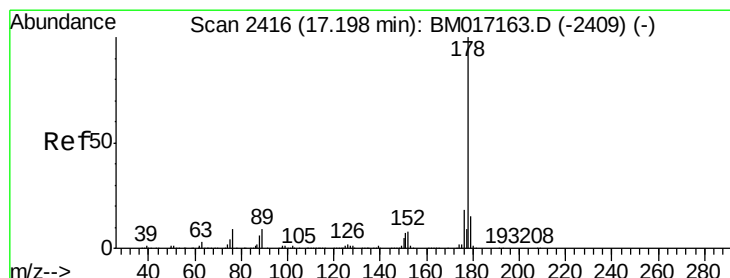
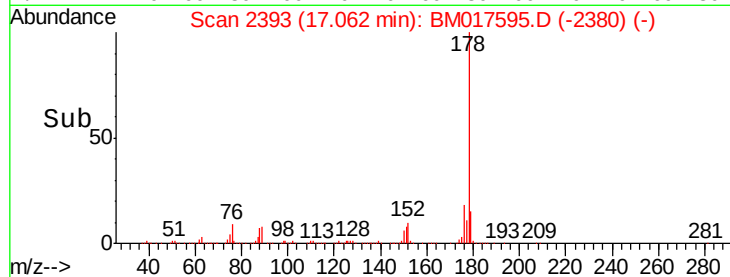
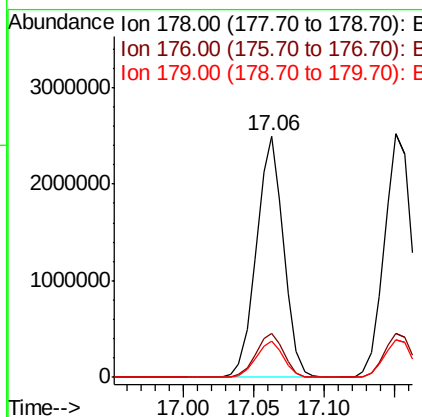
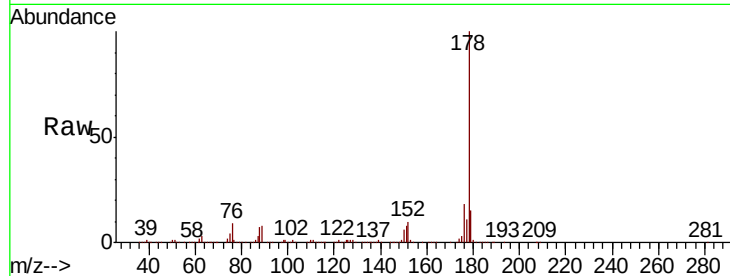
#71
Phenanthrene
Concen: 44.786 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:178 Resp: 3372593
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.3 18.5

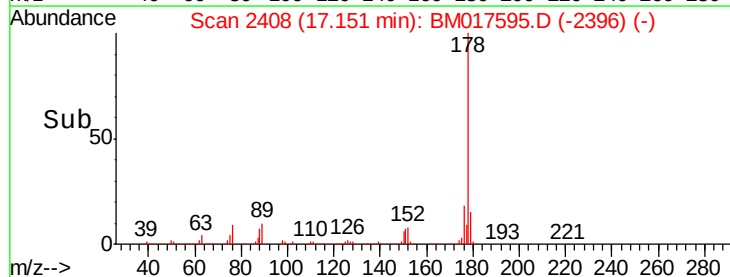
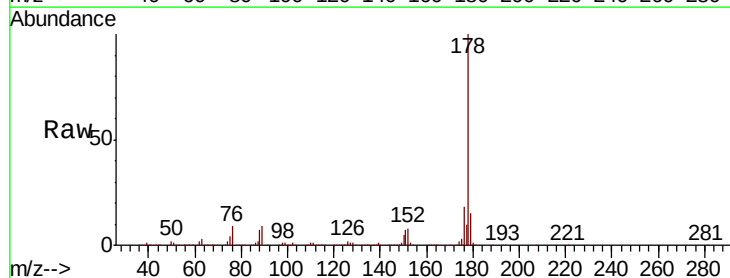
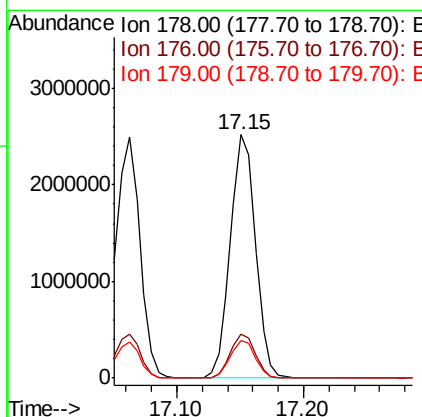
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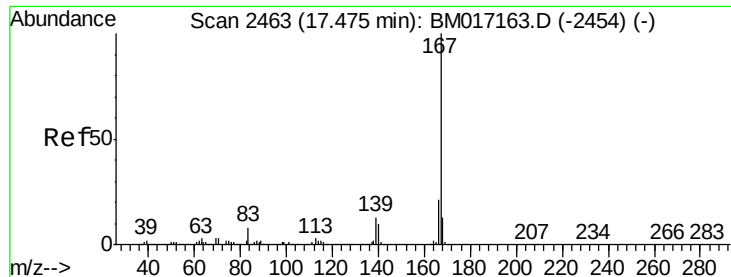
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#72
Anthracene
Concen: 48.039 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:178 Resp: 3437359
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.2 12.2 18.2





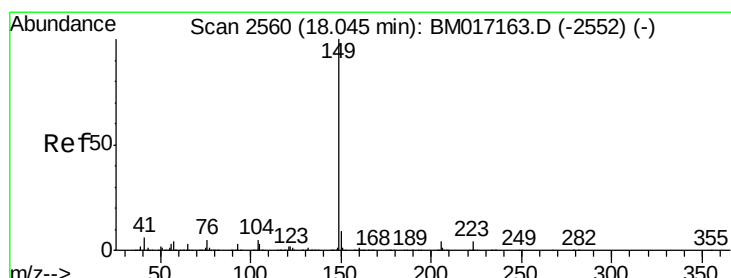
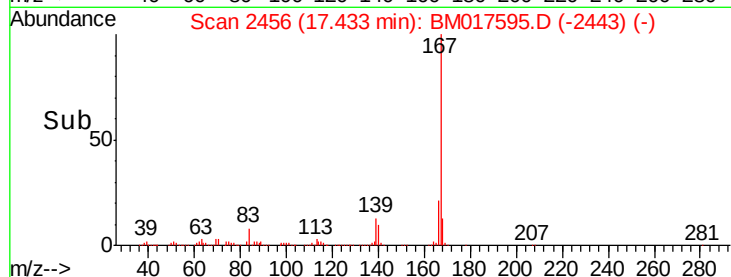
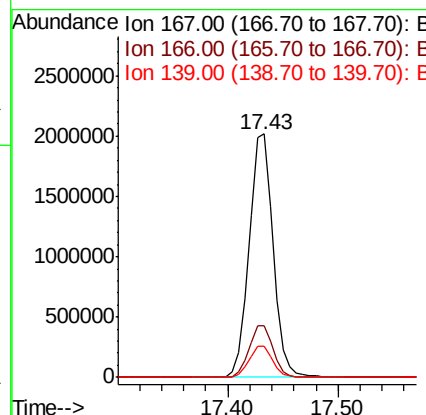
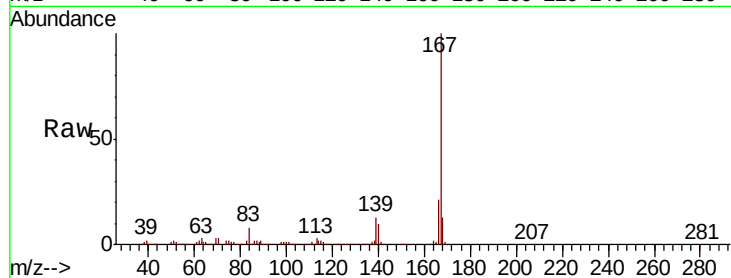
#73
 Carbazole
 Concen: 42.130 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.1	17.1	25.7	
139	12.6	10.1	15.1	

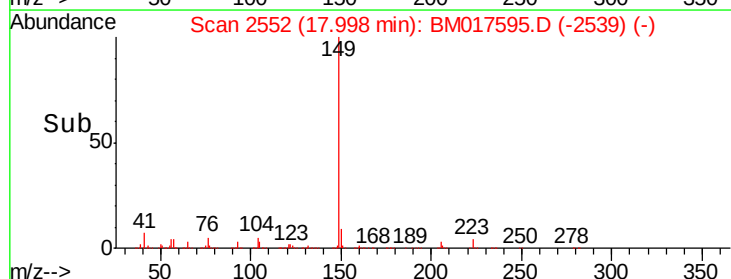
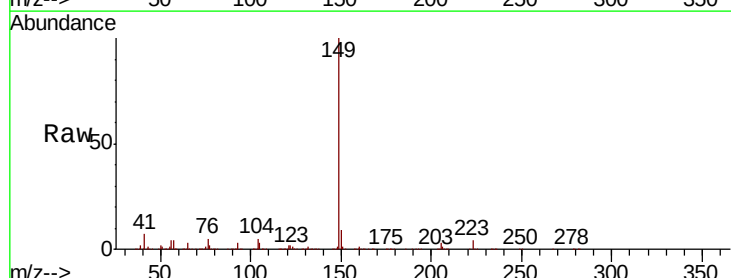
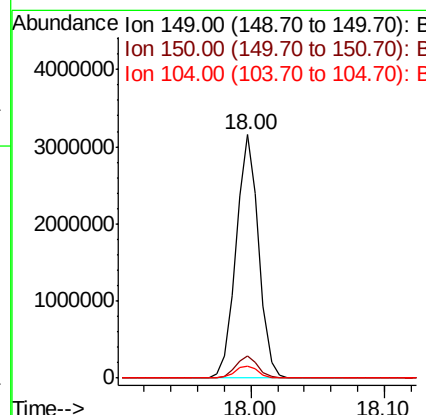
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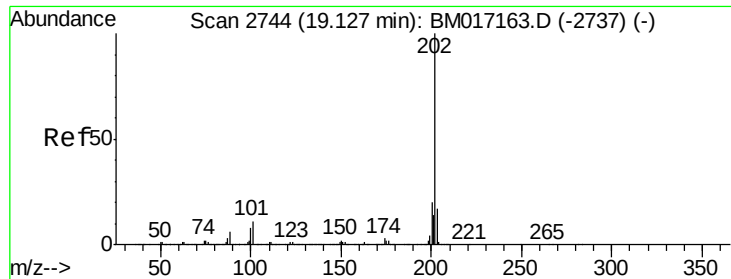
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#74
 Di-n-butylphthalate
 Concen: 48.188 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.3	7.4	11.0	
104	5.1	4.3	6.5	





#75

Fluoranthene

Concen: 45.758 ng

RT: 19.09 min Scan# 2737

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

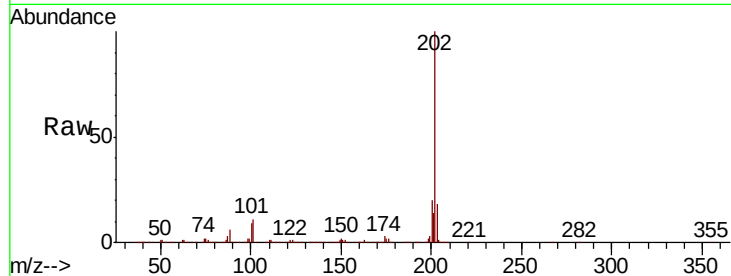
ClientSampleId :

PB114669BS

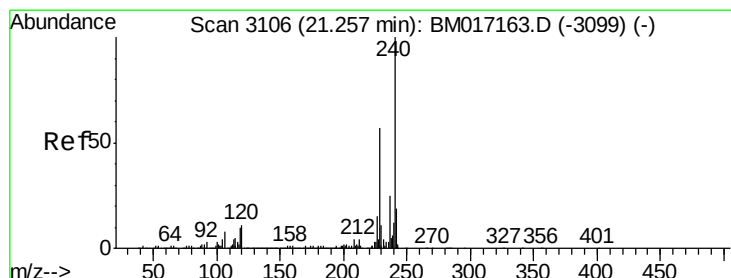
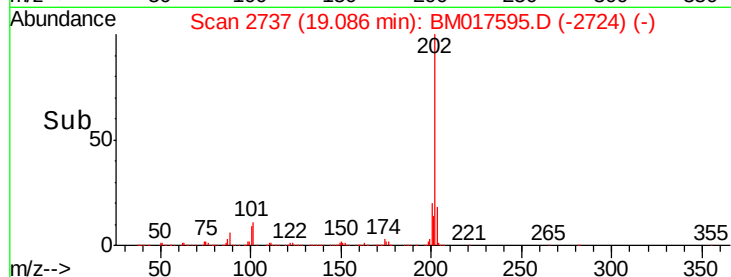
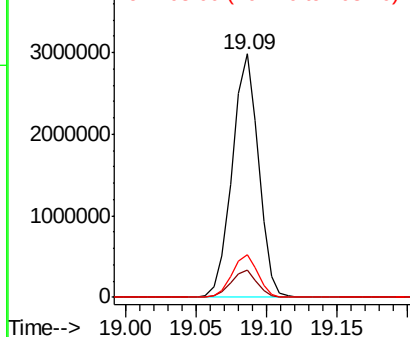
Tot Ion:	202	Resp:	3877461
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.0
203	17.6	0.0	37.2

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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: 21.22 min Scan# 3100

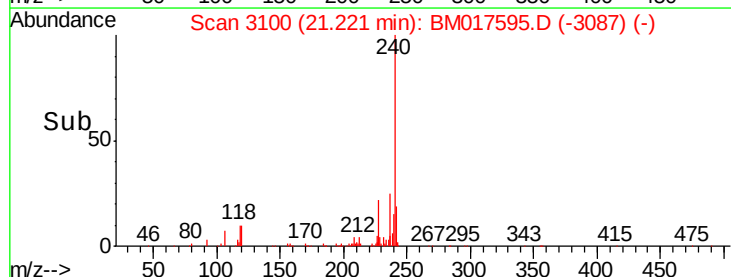
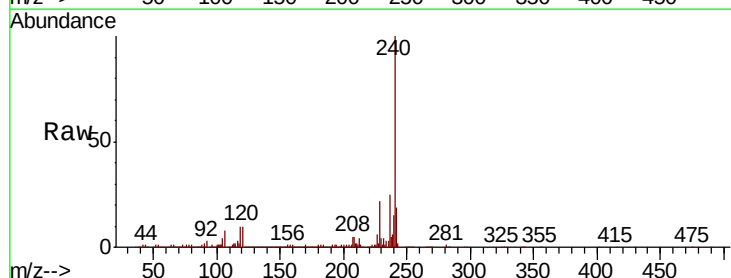
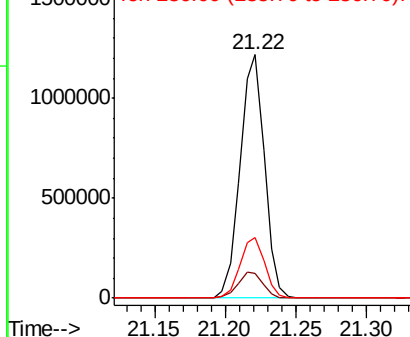
Delta R.T. -0.02 min

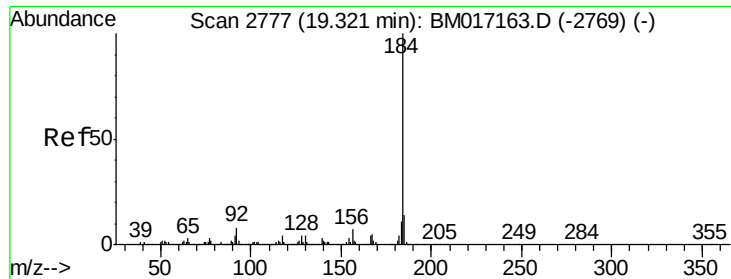
Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Tgt Ion:	240	Resp:	1470080
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	24.7	19.9	29.9

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





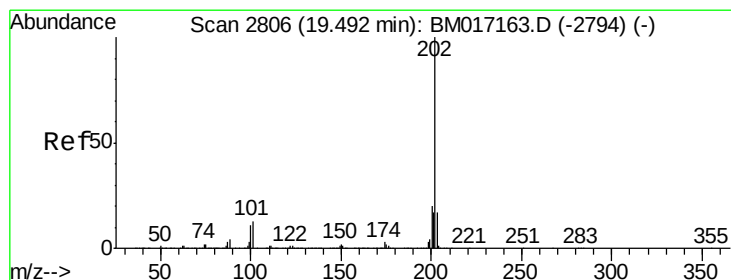
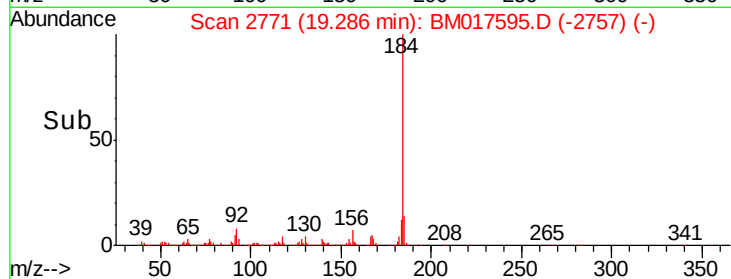
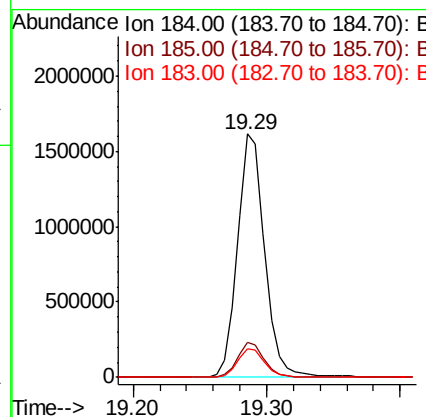
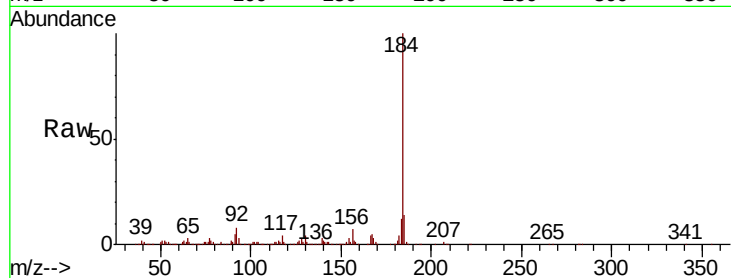
#77
Benzidine
Concen: 61.506 ng
RT: 19.29 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.9	9.7	14.5

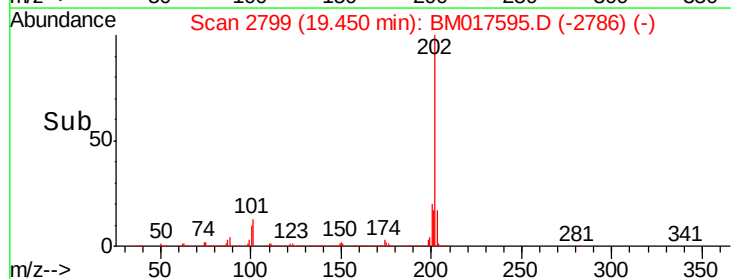
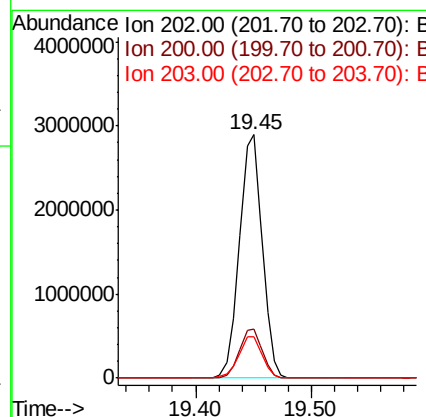
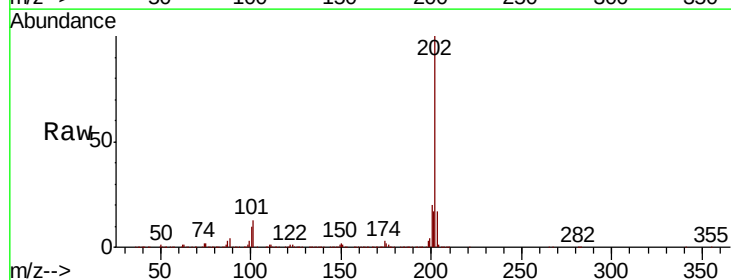
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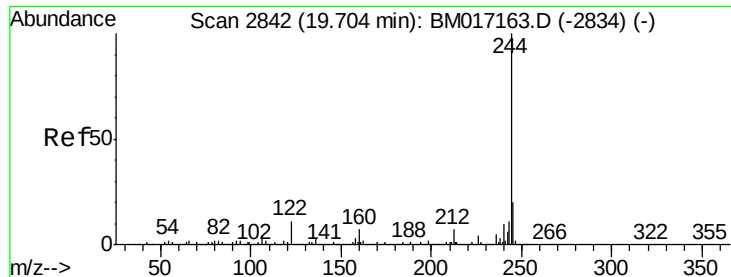
Sohil
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#78
Pyrene
Concen: 48.380 ng
RT: 19.45 min Scan# 2799
Delta R.T. -0.02 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.2	13.9	20.9





#79

Terphenyl-d14

Concen: 85.841 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion:244 Resp: 5598654

Ion Ratio Lower Upper

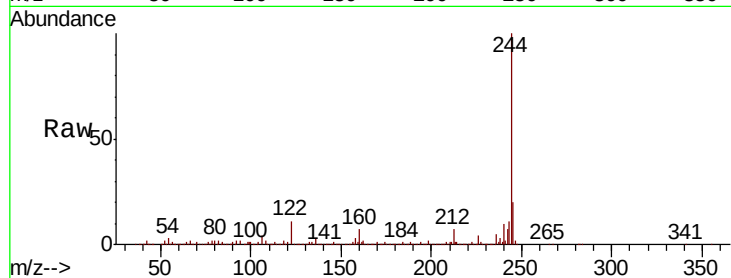
244 100

212 7.1 5.5 8.3

122 10.7 8.4 12.6

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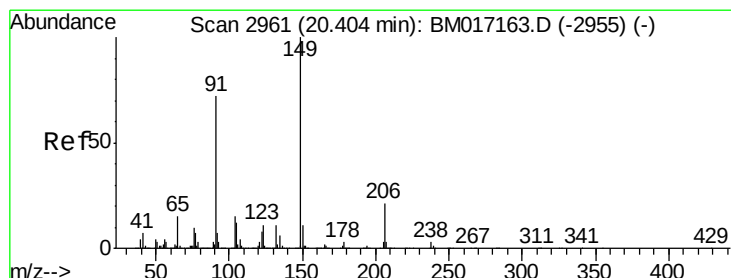
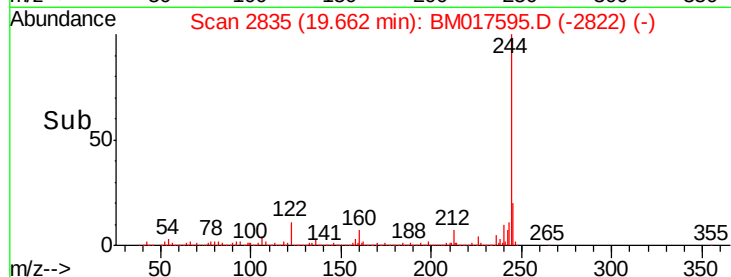
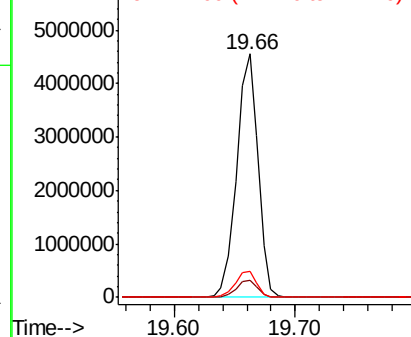


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.886 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

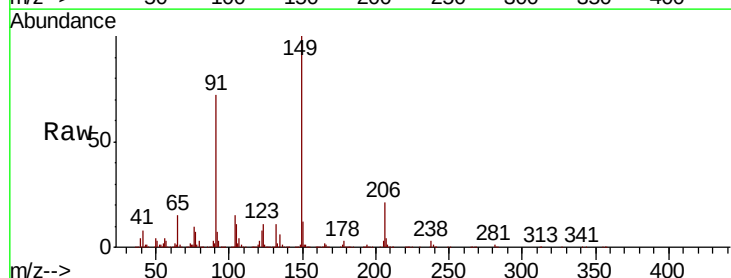
Tgt Ion:149 Resp: 1680389

Ion Ratio Lower Upper

149 100

91 72.1 51.3 76.9

206 21.2 18.0 27.0

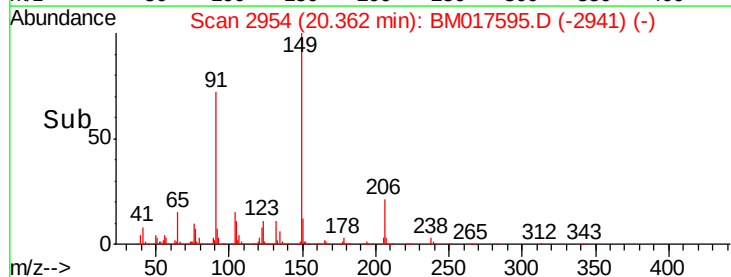
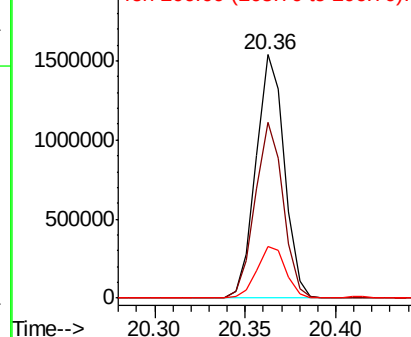


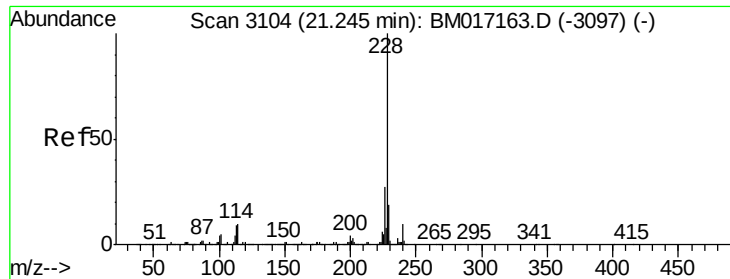
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.359 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tot Ion:228 Resp: 3835200

Ion Ratio Lower Upper

228 100

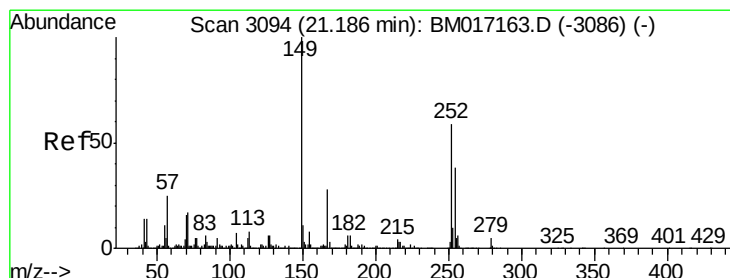
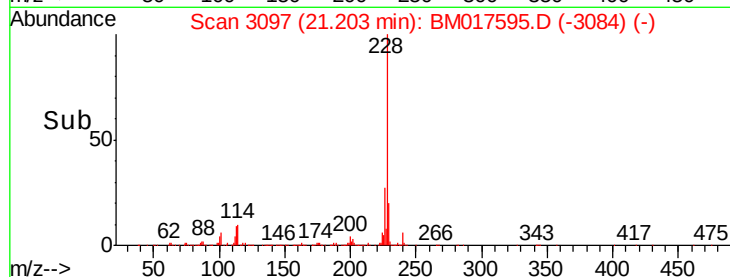
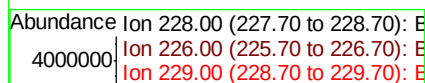
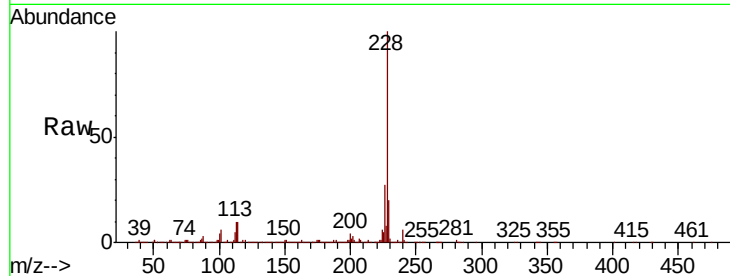
226 26.9 21.4 32.0

229 19.6 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 38.818 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM017595.D

Acq: 09 Nov 2018 17:24

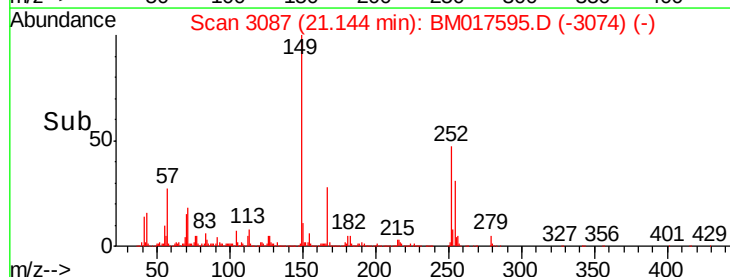
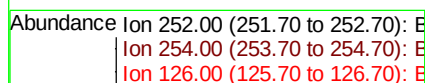
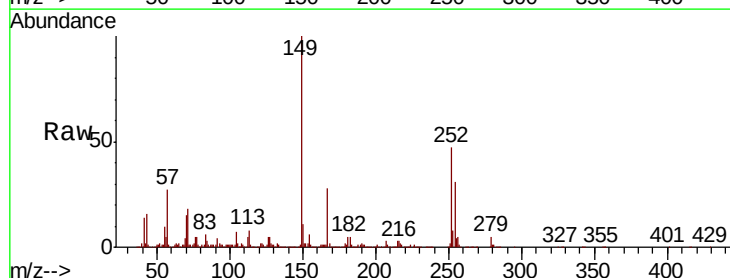
Tgt Ion:252 Resp: 1196862

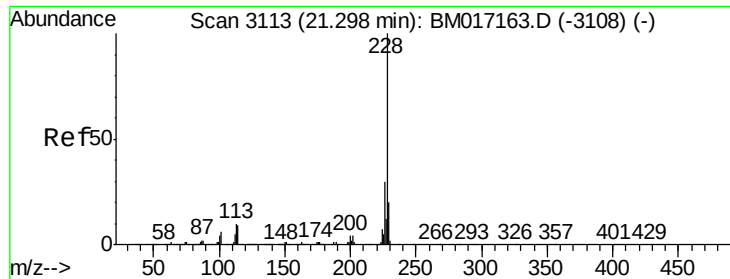
Ion Ratio Lower Upper

252 100

254 65.2 52.1 78.1

126 11.0 8.6 12.8





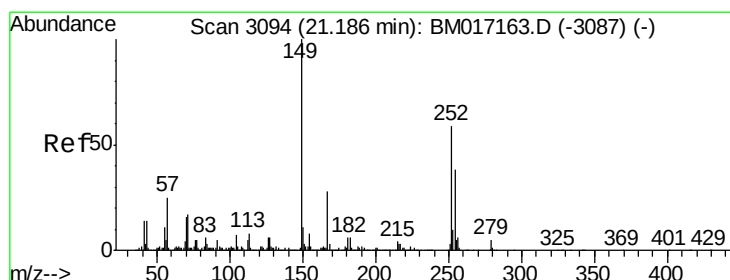
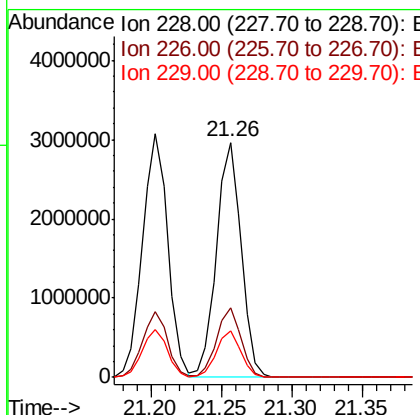
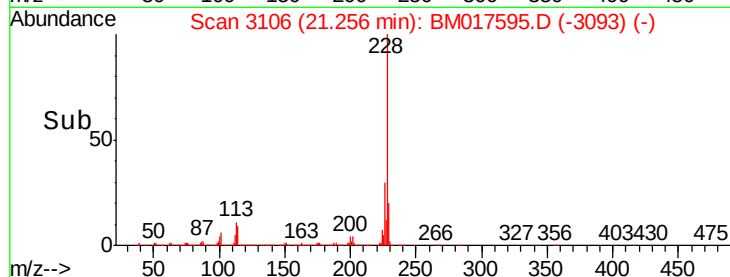
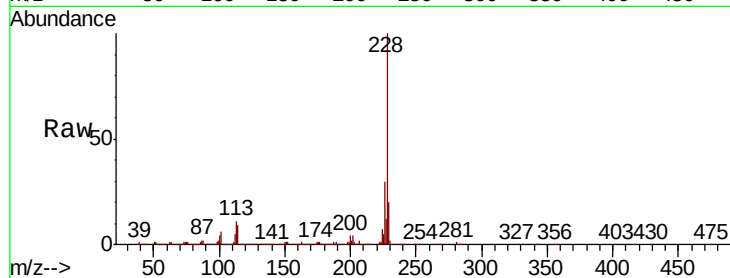
#83
 Chrysene
 Concen: 43.984 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	19.6	15.6	23.4

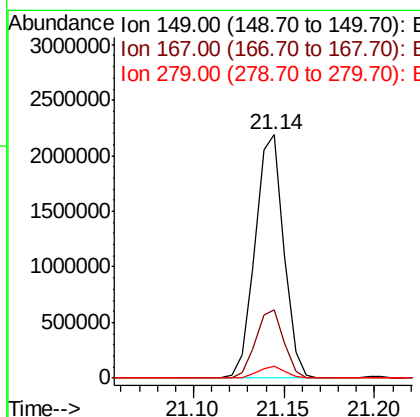
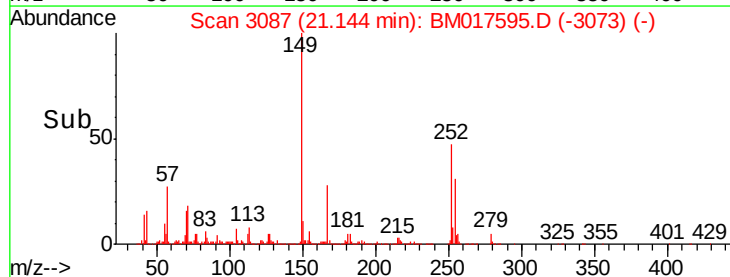
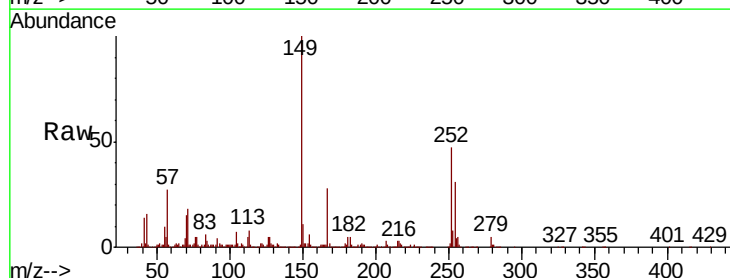
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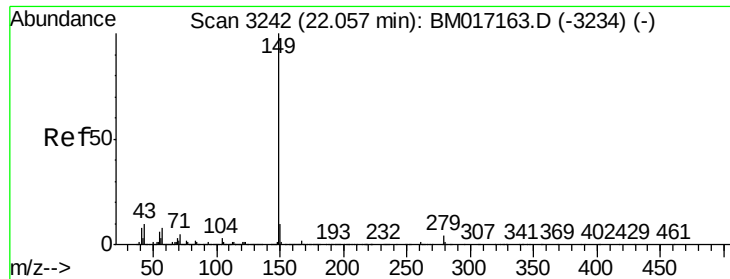
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.076 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017595.D
 Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.9	3.6	5.4





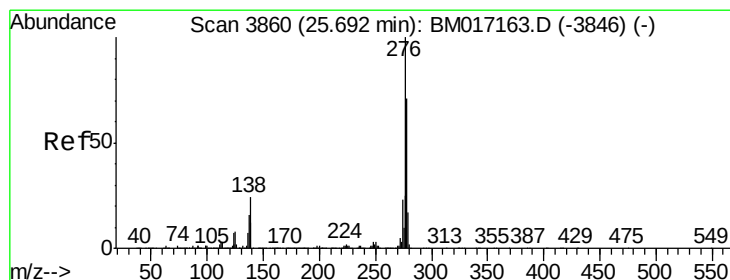
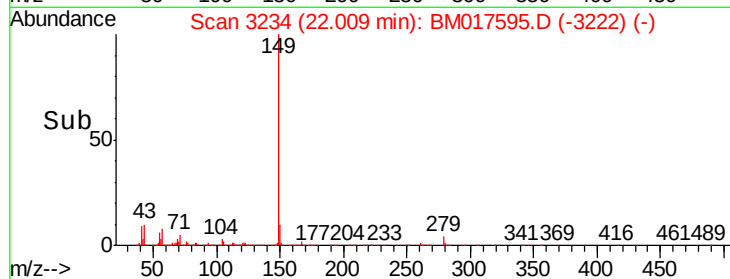
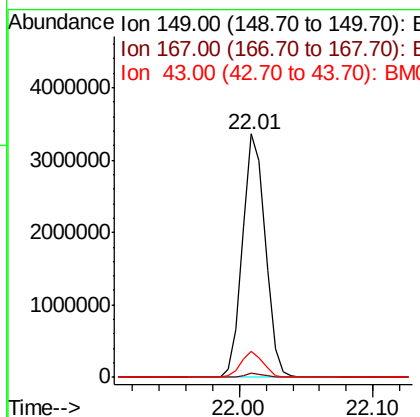
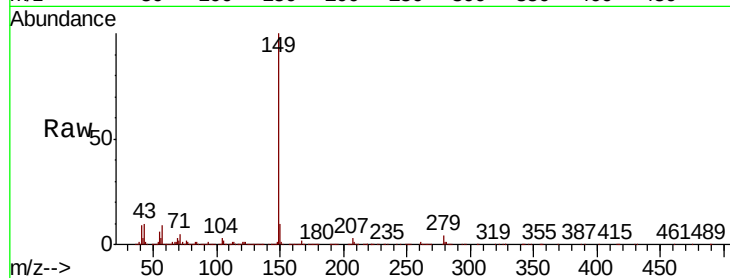
#85
Di-n-octyl phthalate
Concen: 48.639 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.2	7.2	10.8

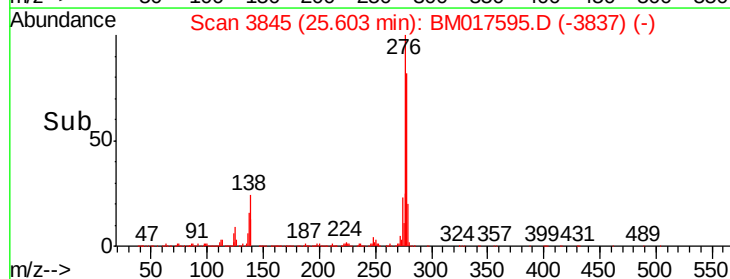
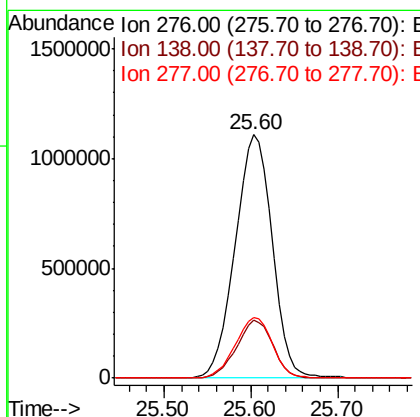
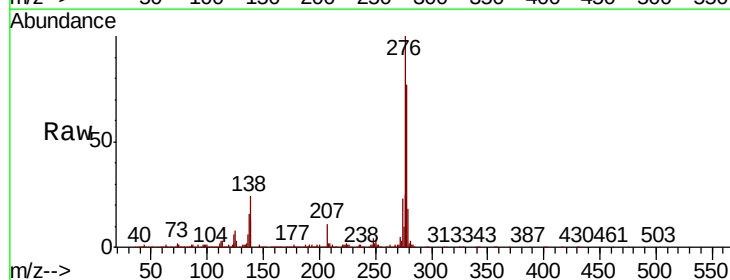
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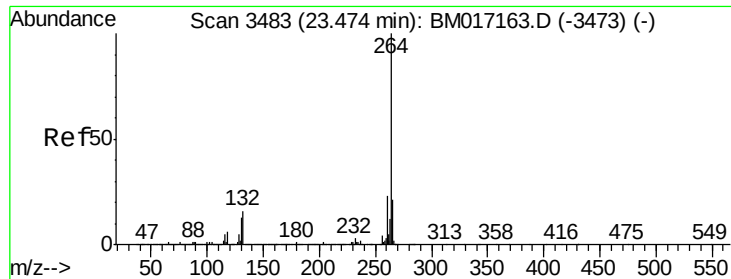
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.898 ng m
RT: 25.60 min Scan# 3845
Delta R.T. -0.05 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.5	29.3
277	24.5	20.1	30.1





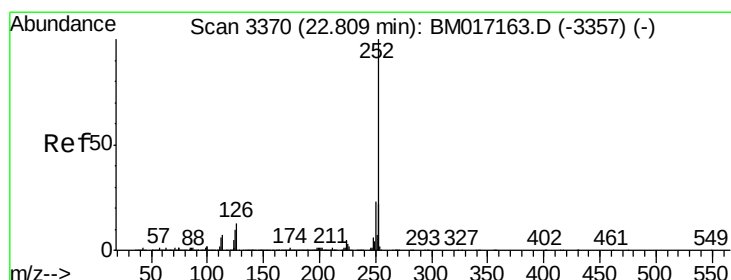
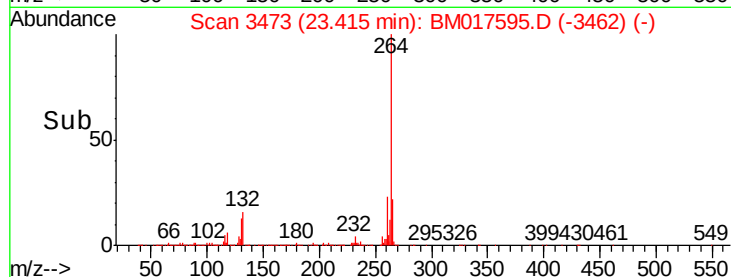
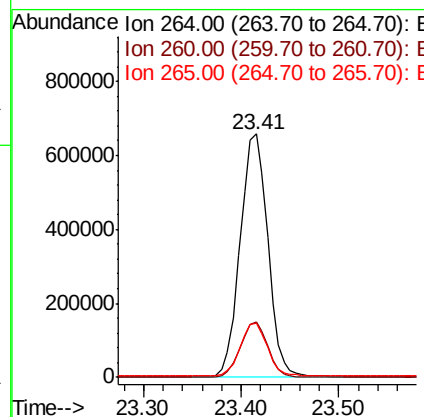
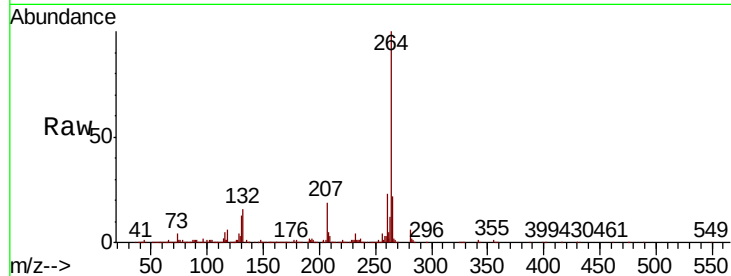
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3473
Delta R.T. -0.04 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	22.3	17.8	26.8

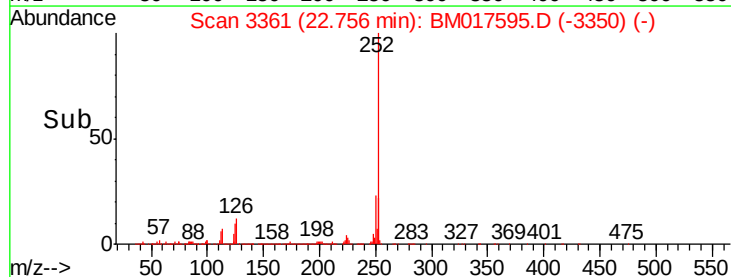
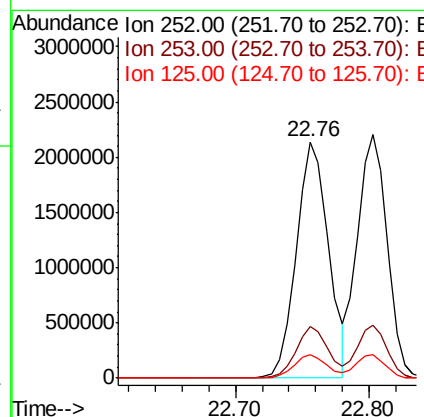
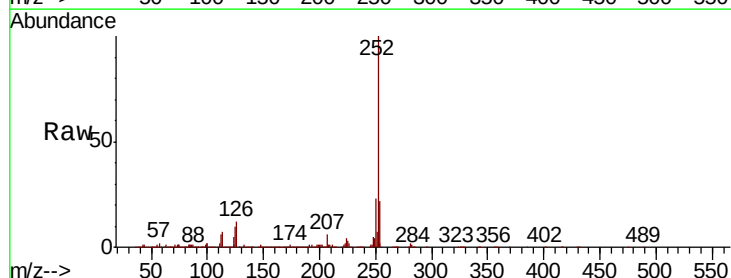
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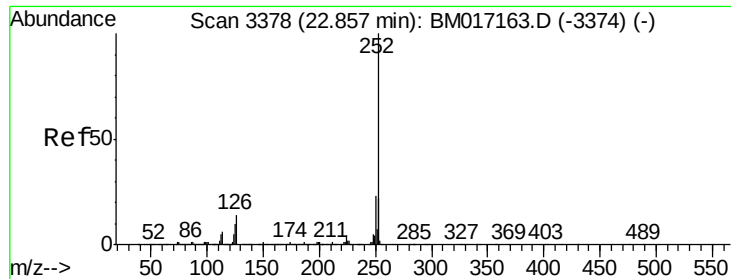
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#88
Benzo(b)fluoranthene
Concen: 49.787 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.9	7.5	11.3





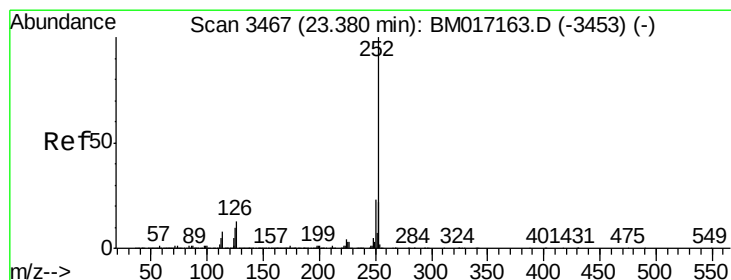
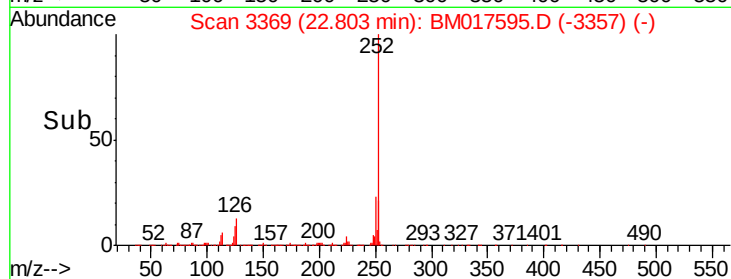
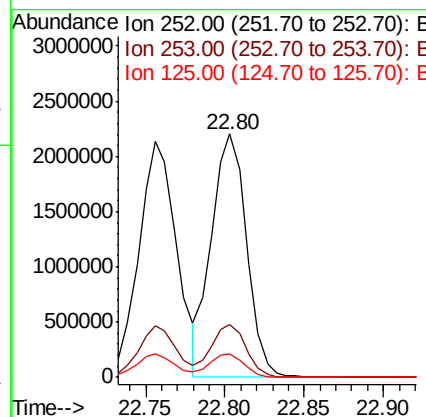
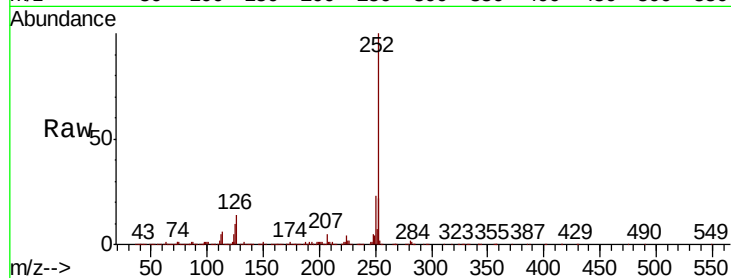
#89
Benzo(k)fluoranthene
Concen: 47.412 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tot Ion:252 Resp: 3397305
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.7 8.2 12.2

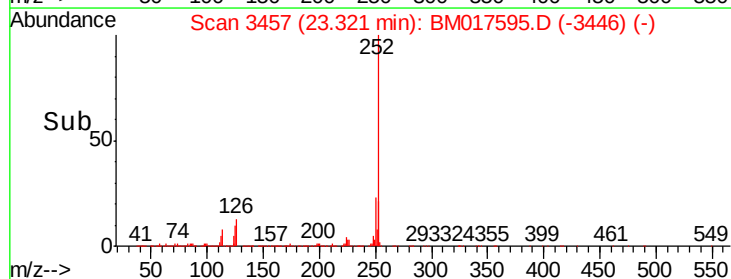
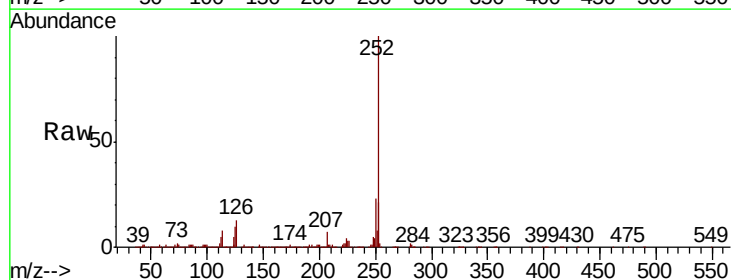
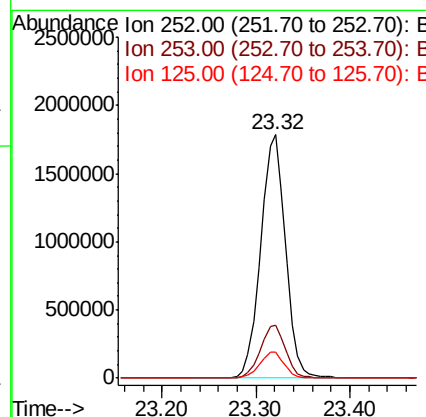
Manual Integrations
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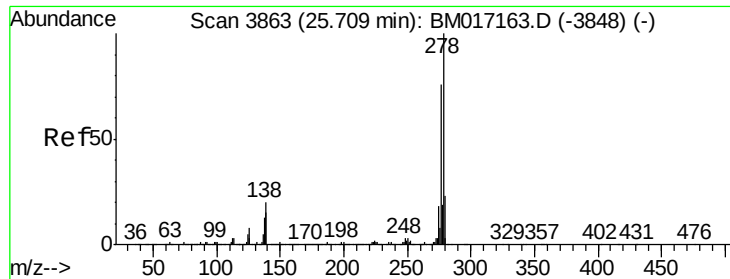
Sohil
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#90
Benzo(a)pyrene
Concen: 47.912 ng
RT: 23.32 min Scan# 3457
Delta R.T. -0.04 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion:252 Resp: 3248526
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.4 8.6 13.0





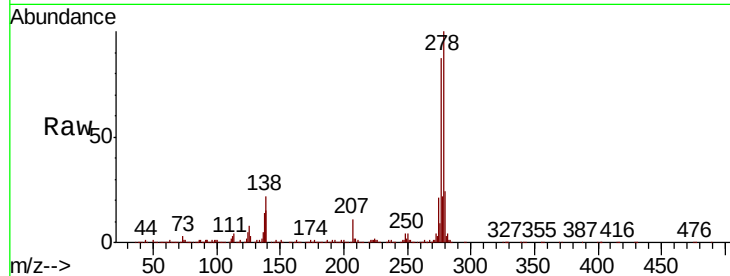
#91
Dibenzo(a,h)anthracene
Concen: 40.978 ng
RT: 25.61 min Scan# 3847
Delta R.T. -0.05 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Instrument :
BNA_M
ClientSampled :
PB114669BS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.4	12.7	19.1	
279	23.6	18.7	28.1	

Manual Integrations
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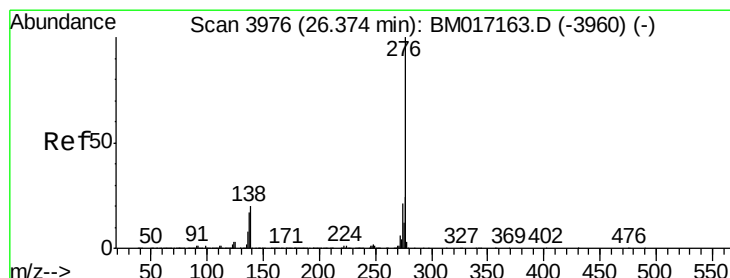
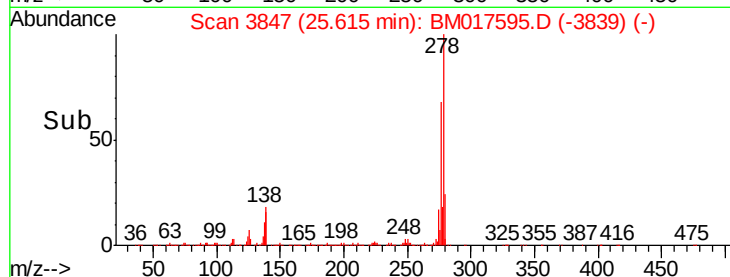
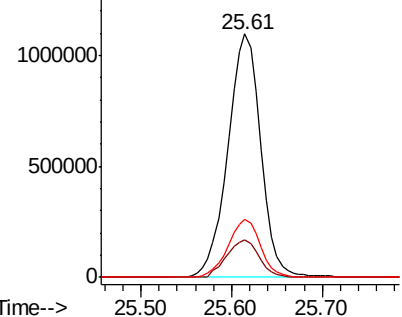


Abundance

Ion 278.00 (277.70 to 278.70): E

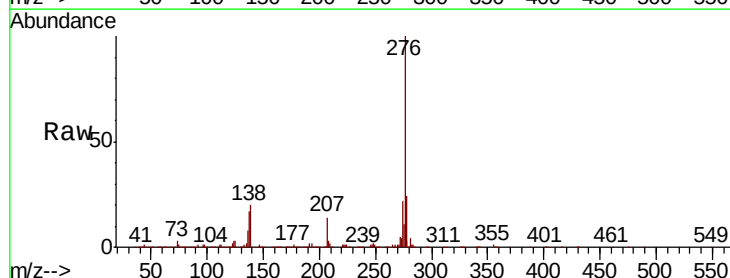
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.281 ng
RT: 26.27 min Scan# 3959
Delta R.T. -0.05 min
Lab File: BM017595.D
Acq: 09 Nov 2018 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.6	18.6	28.0	
138	19.7	16.4	24.6	



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

