

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018986.D
 Acq On : 01 Mar 2019 14:44
 Operator : JU/SJ
 Sample : PB117349BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Manual Integrations
 APPROVED

Sohil
 3/4/2019 12:47:35 PM

Quant Time: Mar 02 01:43:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	203929	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	848901	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	499852	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1127798	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1167256	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1104522	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1769972	142.21	ng	-0.02
7) Phenol-d6	6.86	99	2465463	140.61	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1435564	78.19	ng	-0.04
42) 2,4,6-Tribromophenol	15.84	330	988757	137.23	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	2948556	78.31	ng	-0.03
79) Terphenyl-d14	19.73	244	4760959	84.14	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.23	88	207128	38.209 ng	99
3) Pyridine	3.63	79	574926	38.881 ng	98
4) n-Nitrosodimethylamine	3.55	42	175514	46.658 ng	93
6) Aniline	7.03	93	742742	34.573 ng	99
8) 2-Chlorophenol	7.25	128	637708	46.667 ng	99
9) Benzaldehyde	6.85	77	496544	58.434 ng	98
10) Phenol	6.89	94	861978	46.722 ng	99
11) bis(2-Chloroethyl)ether	7.12	93	579404	41.171 ng	99
12) 1,3-Dichlorobenzene	7.57	146	622123	40.488 ng	98
13) 1,4-Dichlorobenzene	7.72	146	639796	40.900 ng	100
14) 1,2-Dichlorobenzene	8.03	146	615877	40.988 ng	98
15) Benzyl Alcohol	7.93	79	618570	44.399 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	584468	42.910 ng	98
17) 2-Methylphenol	8.13	107	555726	47.327 ng	97
18) Hexachloroethane	8.75	117	234550	41.075 ng	100
19) n-Nitroso-di-n-propylamine	8.49	70	561171	41.336 ng	98
20) 3+4-Methylphenols	8.46	107	753829	46.492 ng	99
22) Acetophenone	8.52	105	921193	39.515 ng	# 99
24) Nitrobenzene	8.89	77	790575	41.485 ng	100
25) Isophorone	9.41	82	1417256	48.381 ng	99
26) 2-Nitrophenol	9.60	139	334162	44.032 ng	97
27) 2,4-Dimethylphenol	9.65	122	596939	53.854 ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	839482	44.316 ng	99
29) 2,4-Dichlorophenol	10.12	162	603466	47.414 ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	596558	40.586 ng	98
31) Naphthalene	10.52	128	1852688	44.749 ng	100
32) Benzoic acid	9.82	122	397005	41.060 ng	95
33) 4-Chloroaniline	10.65	127	375074	20.266 ng	99
34) Hexachlorobutadiene	10.78	225	323265	37.890 ng	99
35) Caprolactam	11.46	113	197070m	37.940 ng	
36) 4-Chloro-3-methylphenol	11.77	107	688004	44.835 ng	98
37) 2-Methylnaphthalene	12.14	142	1378937	47.306 ng	99
38) 1-Methylnaphthalene	12.36	142	1313805	46.091 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	639209	39.976 ng	98

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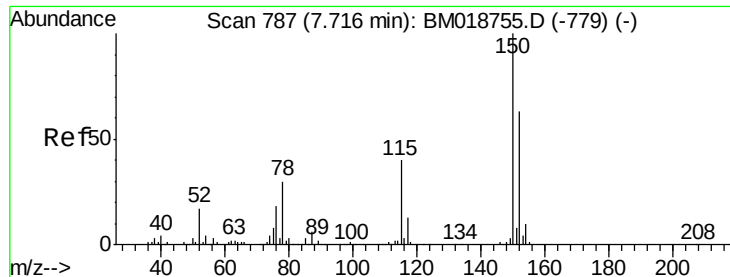
Manual Integrations
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 3/4/2019 12:47:35 PM

Quant Time: Mar 02 01:43:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	831002	101.650	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	474294	44.807	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	506371	45.641	ng	98
46) 1,1'-Biphenyl	13.16	154	1788190	41.560	ng	99
47) 2-Chloronaphthalene	13.20	162	1388753	41.789	ng	99
48) 2-Nitroaniline	13.43	65	481211	43.599	ng	98
49) Acenaphthylene	14.06	152	2264004	45.752	ng	100
50) Dimethylphthalate	13.80	163	1789950	42.968	ng	100
51) 2,6-Dinitrotoluene	13.93	165	398612	44.173	ng	96
52) Acenaphthene	14.40	154	1308210	43.115	ng	99
53) 3-Nitroaniline	14.27	138	278266	27.291	ng	98
54) 2,4-Dinitrophenol	14.47	184	508887	88.235	ng	100
55) Dibenzofuran	14.74	168	2125200	42.613	ng	98
56) 4-Nitrophenol	14.58	139	696975	85.631	ng	95
57) 2,4-Dinitrotoluene	14.72	165	561778	45.183	ng	99
58) Fluorene	15.39	166	1743337	45.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	454159	46.311	ng	99
60) Diethylphthalate	15.17	149	1839100	42.798	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	857161	40.069	ng	98
62) 4-Nitroaniline	15.44	138	400954	40.112	ng	97
63) Azobenzene	15.68	77	1969216	42.740	ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	304261	38.425	ng	95
66) n-Nitrosodiphenylamine	15.60	169	1532559	43.011	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	508450	40.277	ng	98
68) Hexachlorobenzene	16.39	284	590189	40.222	ng	96
69) Atrazine	16.56	200	523668	45.587	ng	100
70) Pentachlorophenol	16.74	266	758929	80.329	ng	99
71) Phenanthrene	17.13	178	2699812	44.544	ng	99
72) Anthracene	17.22	178	2772125	46.991	ng	99
73) Carbazole	17.50	167	2523518	40.944	ng	99
74) Di-n-butylphthalate	18.06	149	3124764	44.083	ng	100
75) Fluoranthene	19.16	202	3066698	43.803	ng	99
77) Benzidine	19.36	184	1985144	75.514	ng	100
78) Pyrene	19.52	202	3149231	46.454	ng	100
80) Butylbenzylphthalate	20.42	149	1463785	47.378	ng	99
81) Benzo(a)anthracene	21.27	228	2966294	43.595	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	754047	28.041	ng	99
83) Chrysene	21.32	228	2852309	43.736	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	2091047	46.242	ng	99
85) Di-n-octyl phthalate	22.07	149	3512290	46.214	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3046140	40.456	ng	100
88) Benzo(b)fluoranthene	22.86	252	2987774	47.279	ng	100
89) Benzo(k)fluoranthene	22.90	252	2859553	45.452	ng	100
90) Benzo(a)pyrene	23.44	252	2787585	46.565	ng	100
91) Dibenzo(a,h)anthracene	25.82	278	2624885	44.256	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2445351	44.286	ng	99

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



#1

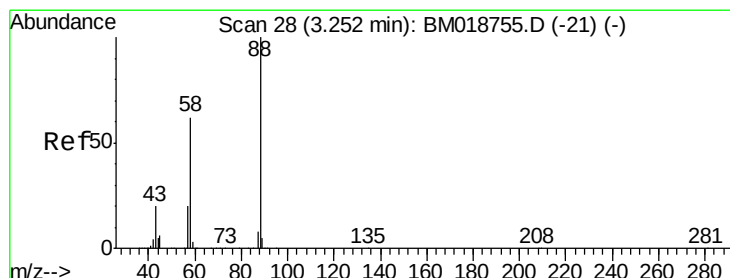
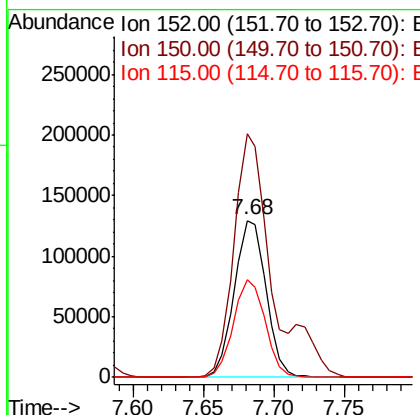
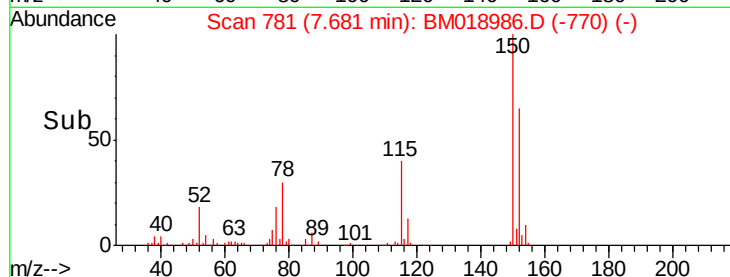
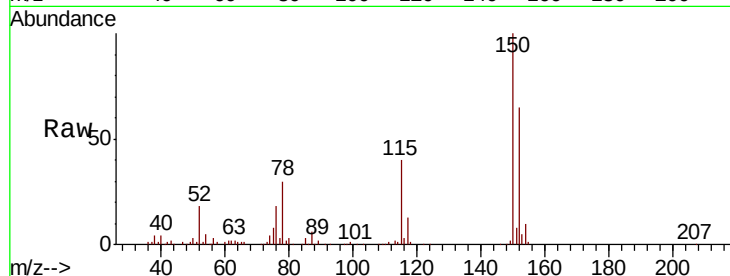
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :
PB117349BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.3	190.9
115	62.2	50.8	76.2

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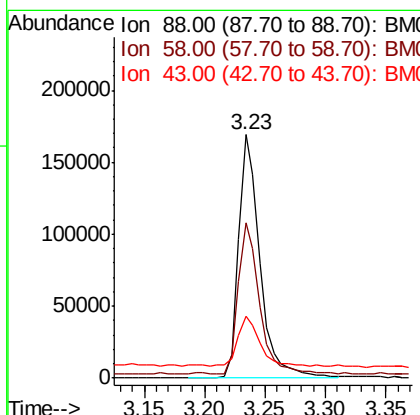
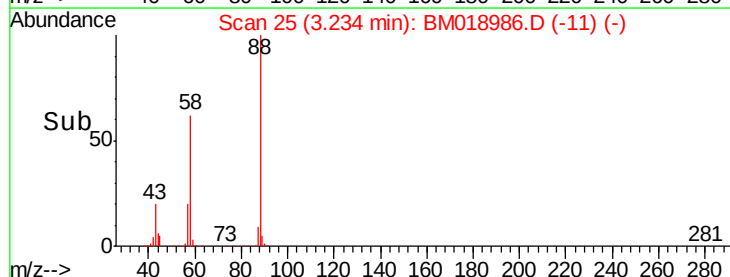
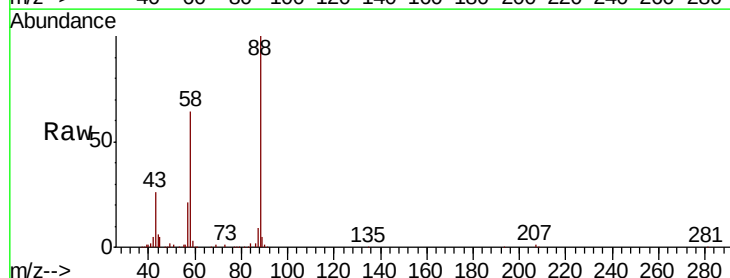
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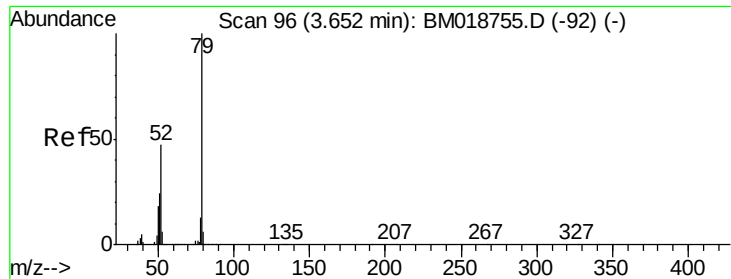


#2

1,4-Dioxane
Concen: 38.209 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.8	49.8	74.6
43	20.3	16.7	25.1





#3

Pvridine

Concen: 38.881 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

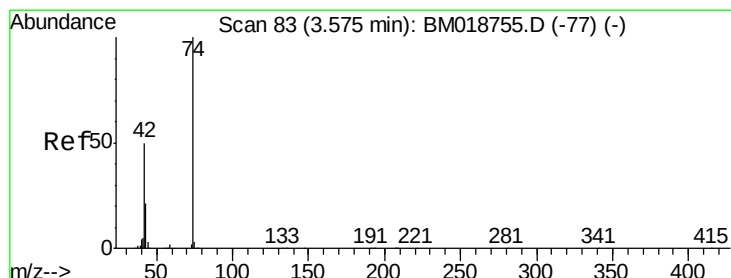
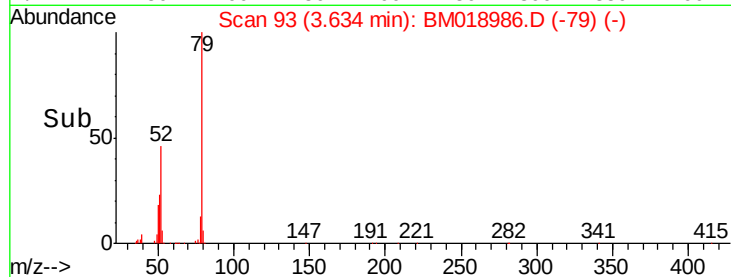
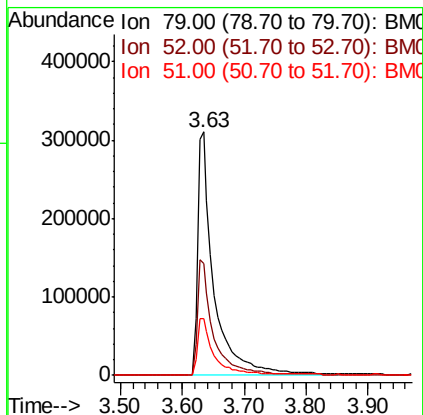
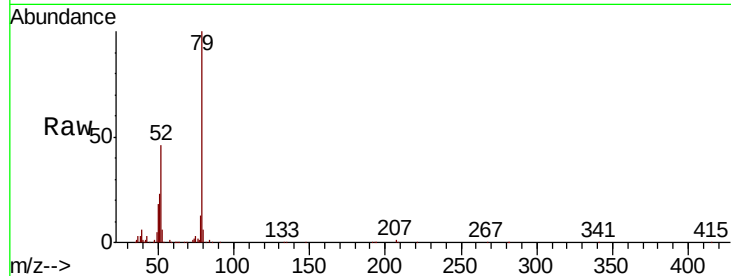
ClientSampleId :

PB117349BS

Tot Ion:	79	Resp:	574926
Ion Ratio	Lower	Upper	
79	100		
52	46.0	37.6	56.4
51	23.2	19.7	29.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.658 ng

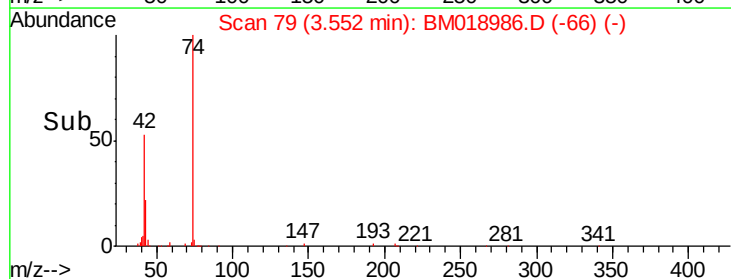
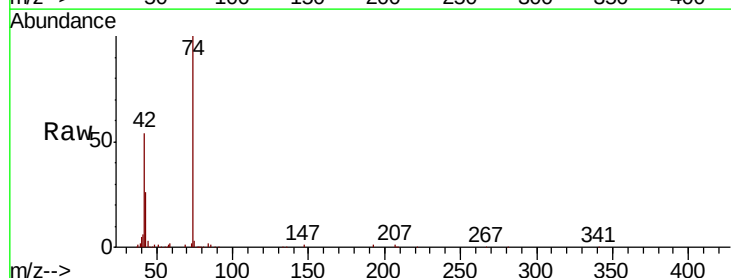
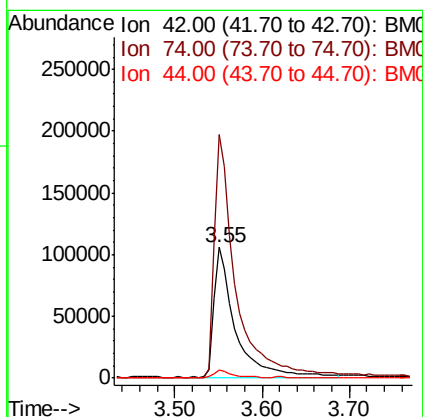
RT: 3.55 min Scan# 79

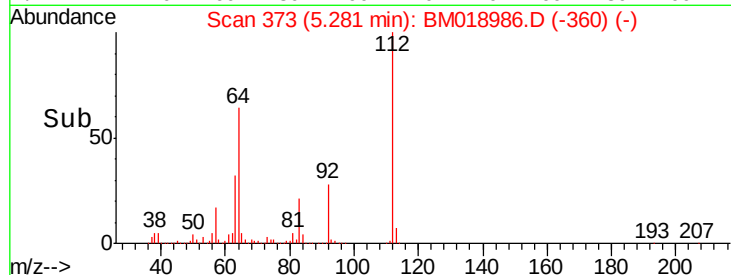
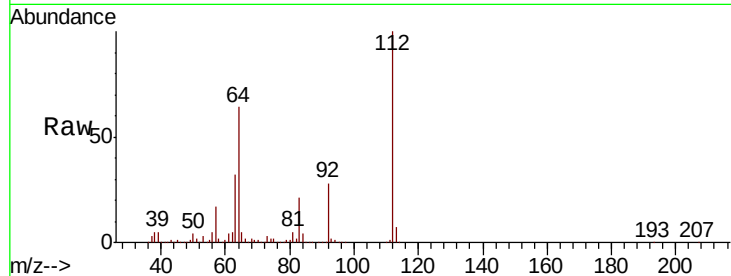
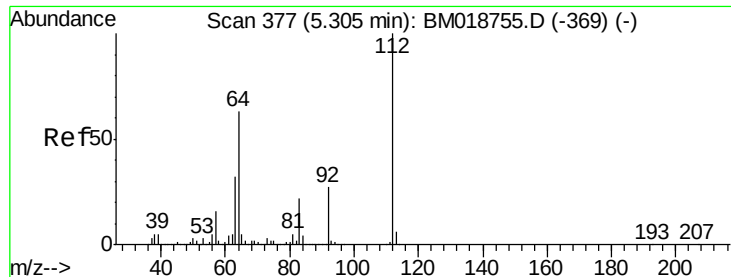
Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tgt Ion:	42	Resp:	175514
Ion Ratio	Lower	Upper	
42	100		
74	186.5	158.1	237.1
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 142.209 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tot Ion:	112	Resp:	1769972
Ion	Ratio	Lower	Upper
112	100		
64	63.5	50.6	75.8
63	32.2	25.7	38.5

Instrument :

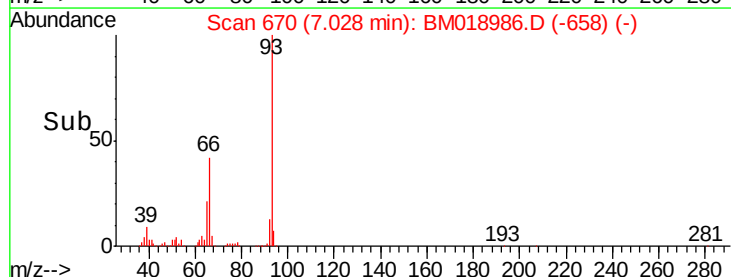
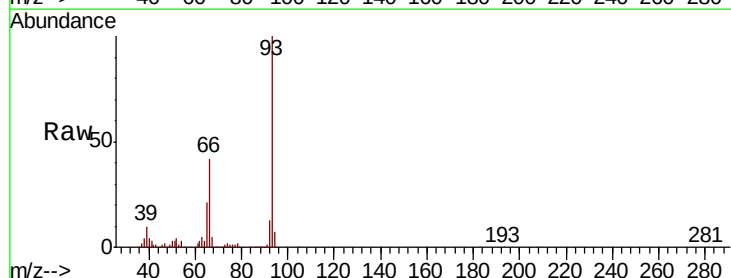
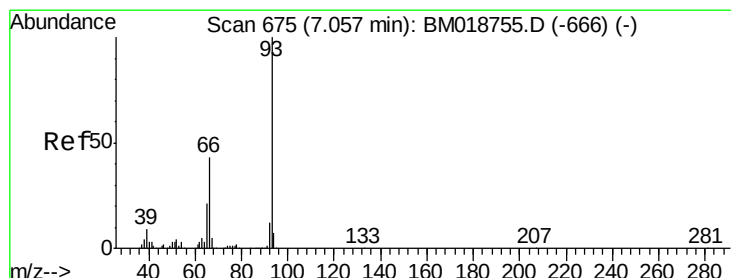
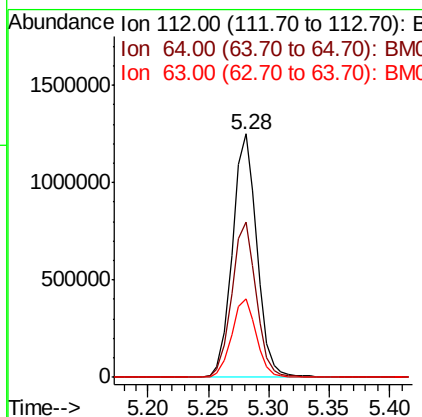
BNA_M

ClientSampleId :

PB117349BS

Manual Integrations
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#6

Aniline

Concen: 34.573 ng

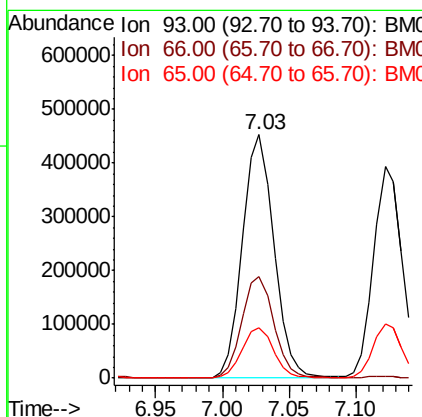
RT: 7.03 min Scan# 670

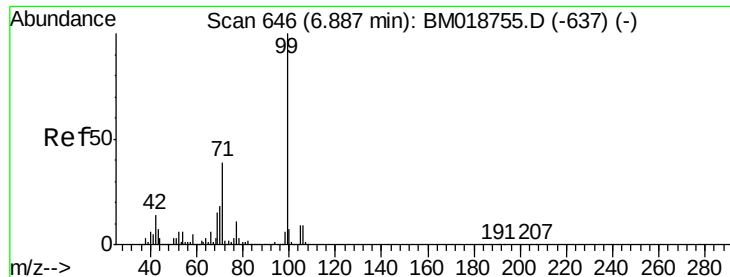
Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tgt Ion:	93	Resp:	742742
Ion	Ratio	Lower	Upper
93	100		
66	41.9	34.1	51.1
65	20.8	16.6	24.8





#7

Phenol-d6

Concen: 140.612 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117349BS

Tot Ion: 99 Resp: 2465463

Ion Ratio Lower Upper

99 100

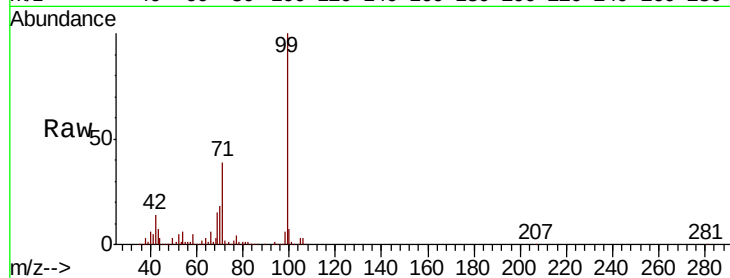
42 13.6 11.0 16.6

71 38.5 31.3 46.9

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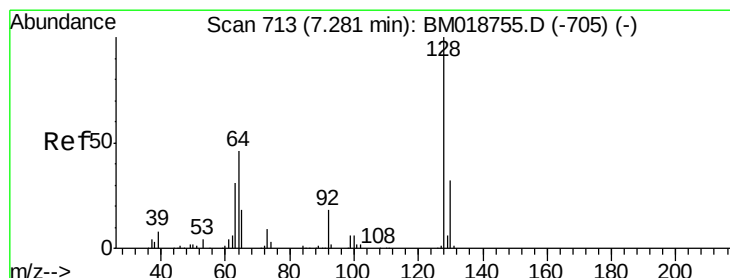
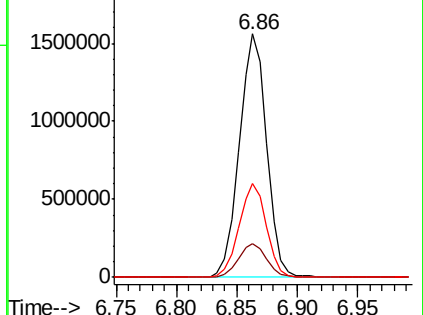
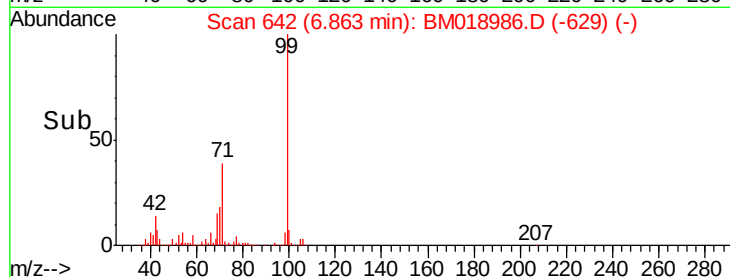
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 46.667 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

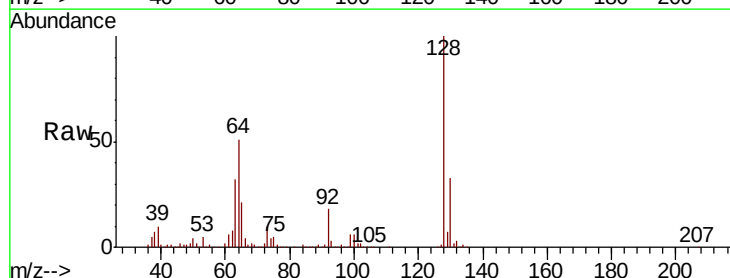
Tgt Ion: 128 Resp: 637708

Ion Ratio Lower Upper

128 100

130 33.1 11.7 51.7

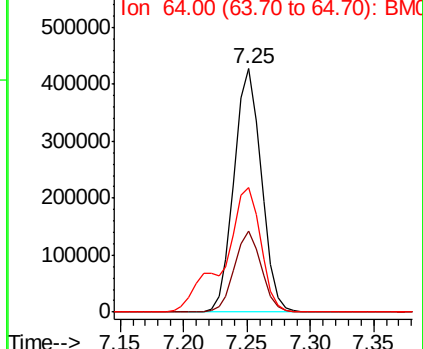
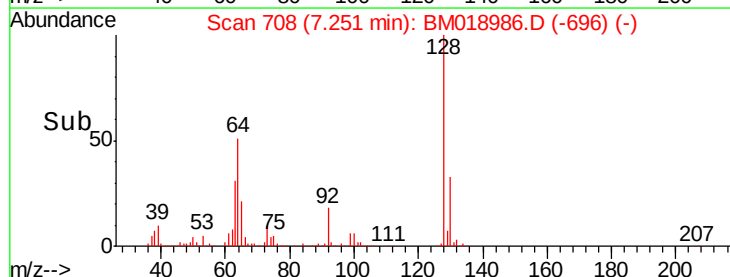
64 51.0 31.0 71.0

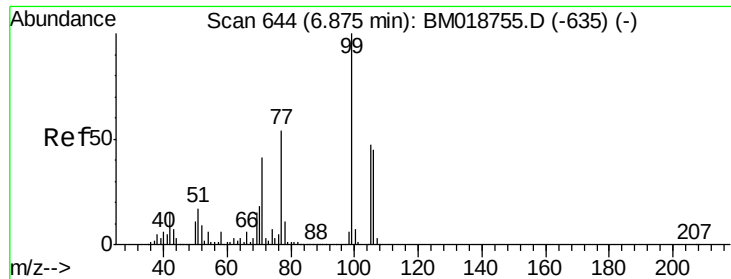


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 58.434 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

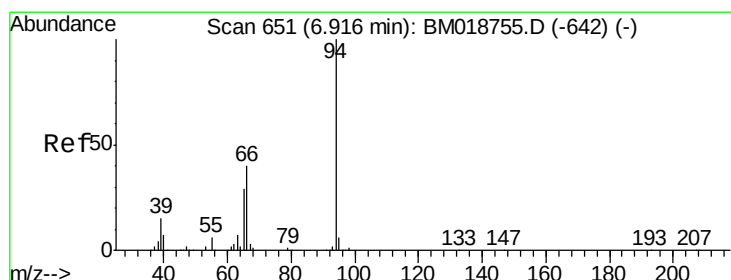
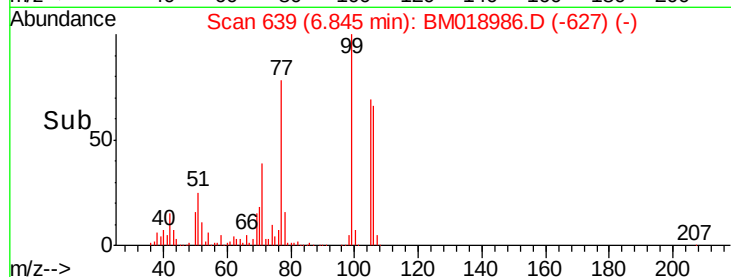
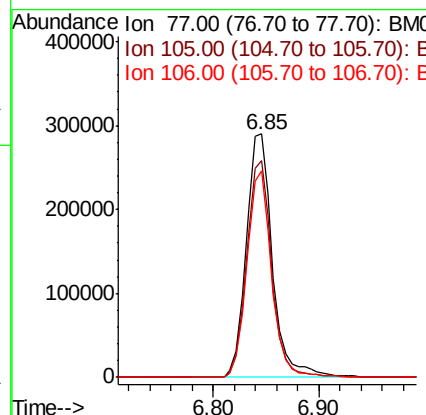
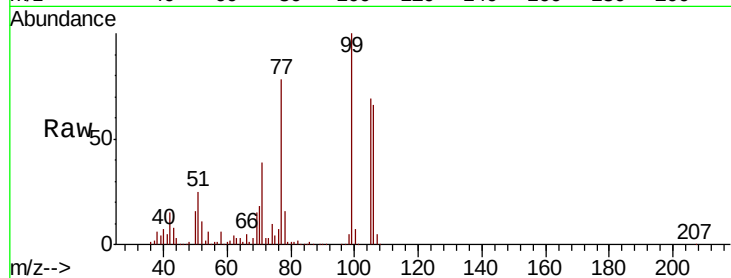
ClientSampleId :

PB117349BS

Tot Ion:	77	Resp:	496544
Ion Ratio	Lower	Upper	
77	100		
105	88.9	67.3	107.3
106	84.6	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 46.722 ng

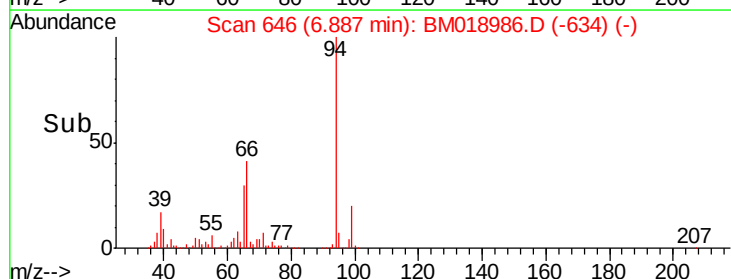
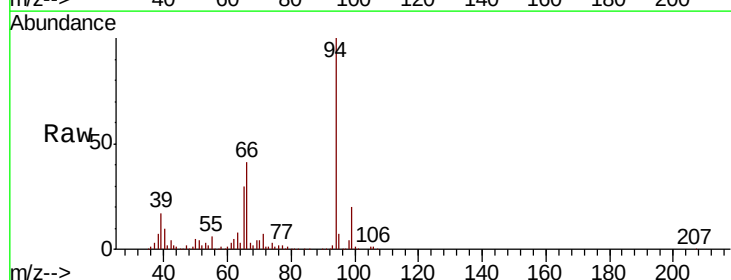
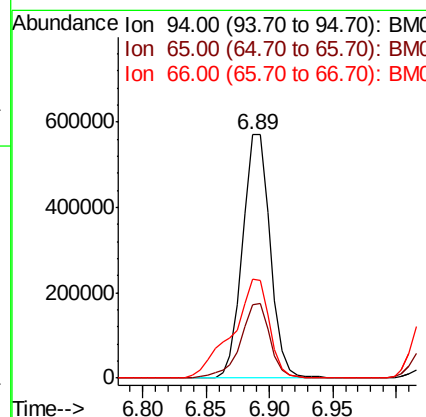
RT: 6.89 min Scan# 646

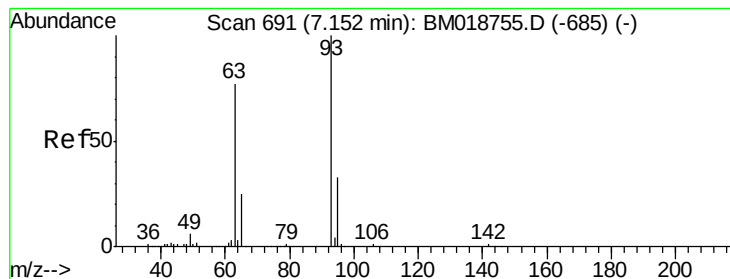
Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tgt Ion:	94	Resp:	861978
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.6	49.6
66	40.7	20.4	60.4





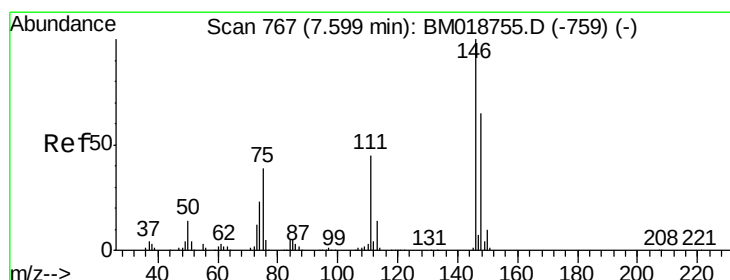
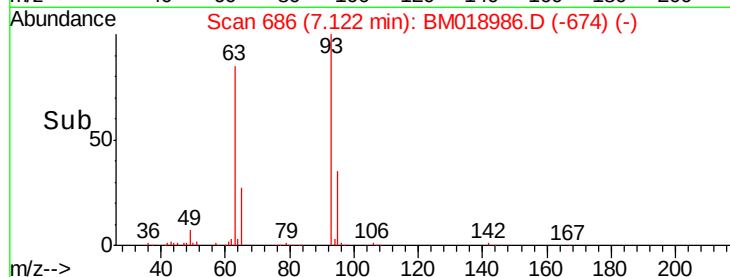
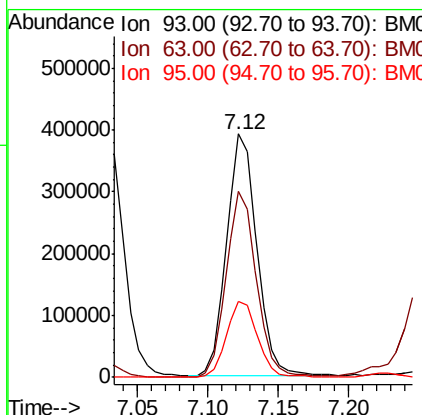
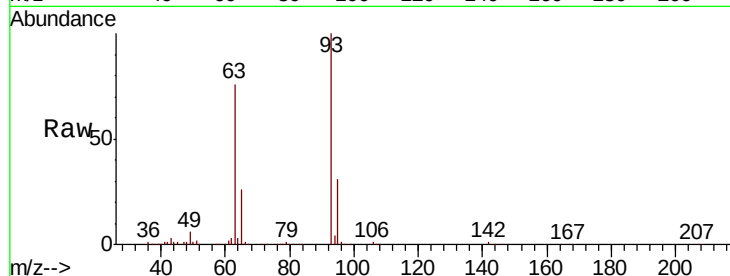
#11
bis(2-Chloroethyl)ether
Concen: 41.171 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.0	97.0
95	31.4	12.4	52.4

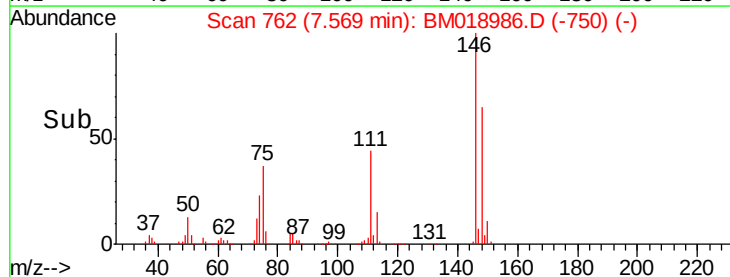
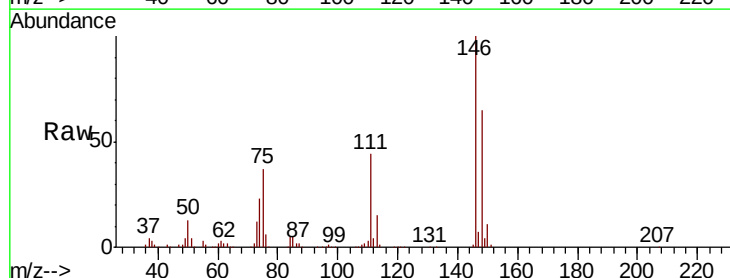
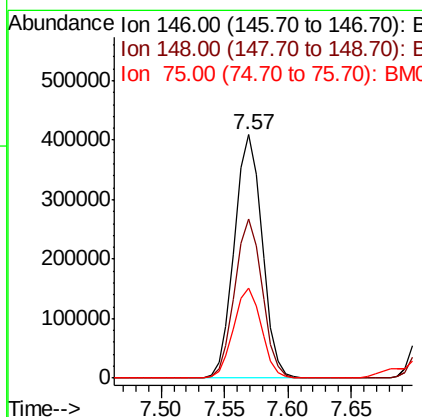
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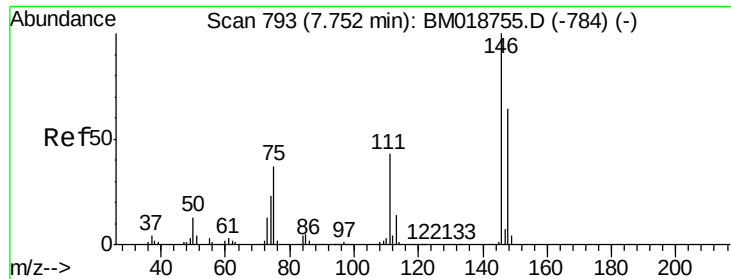
Sohil
3/4/2019 12:47:35 PM



#12
1,3-Dichlorobenzene
Concen: 40.488 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.7	77.5
75	36.8	31.3	46.9





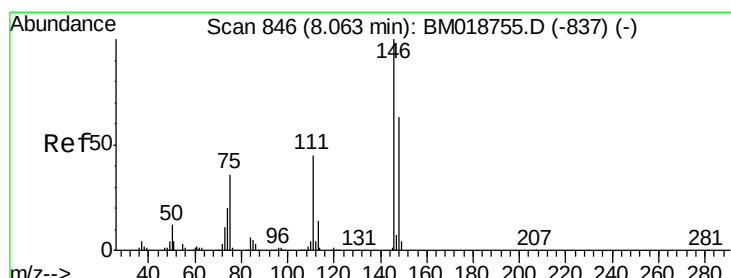
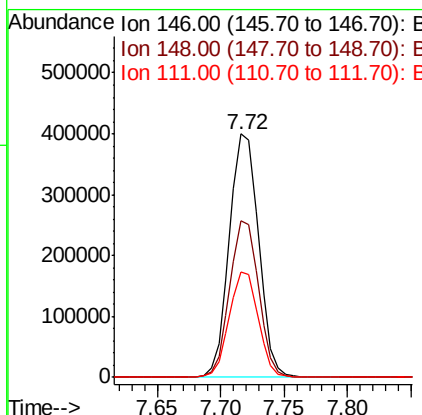
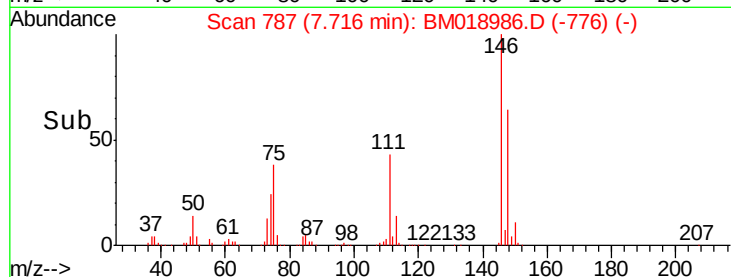
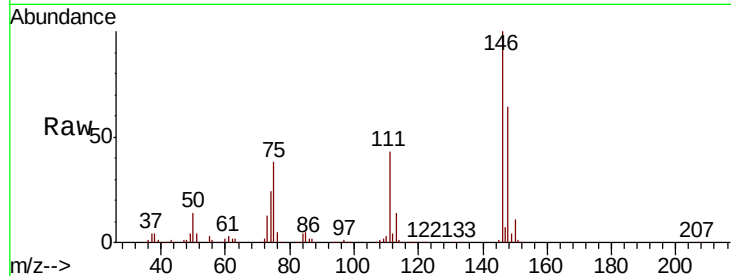
#13
 1,4-Dichlorobenzene
 Concen: 40.900 ng
 RT: 7.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampled :
 PB117349BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	43.2	34.6	52.0

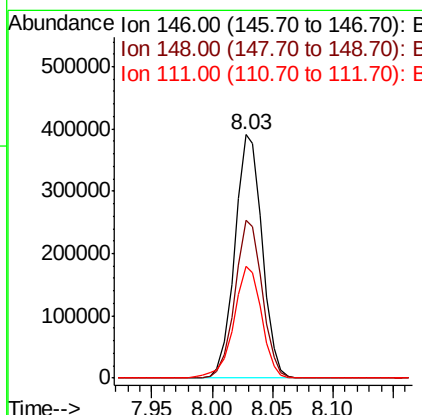
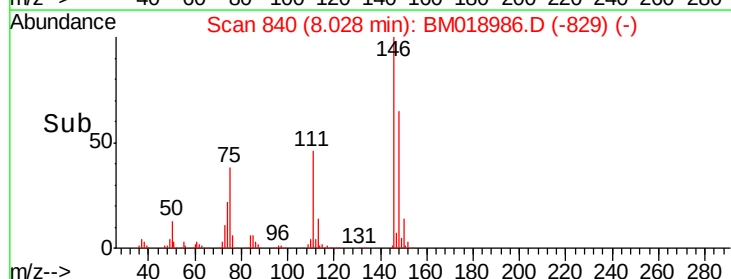
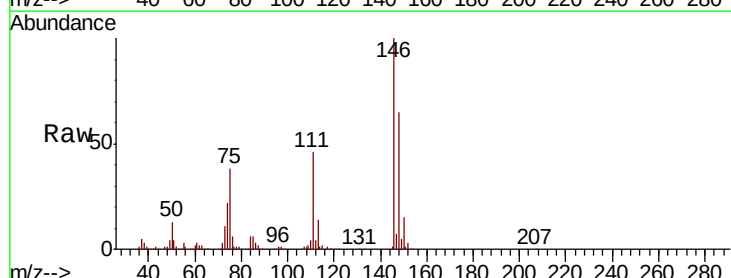
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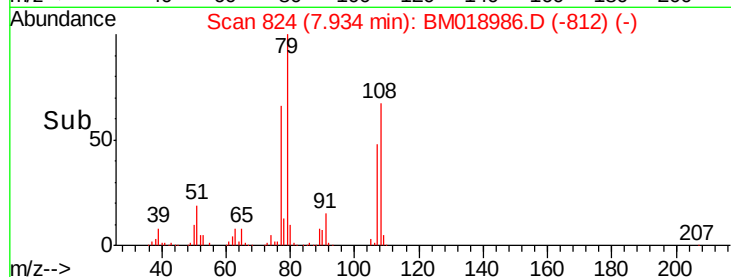
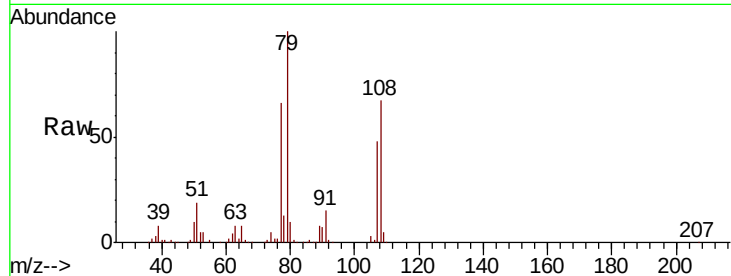
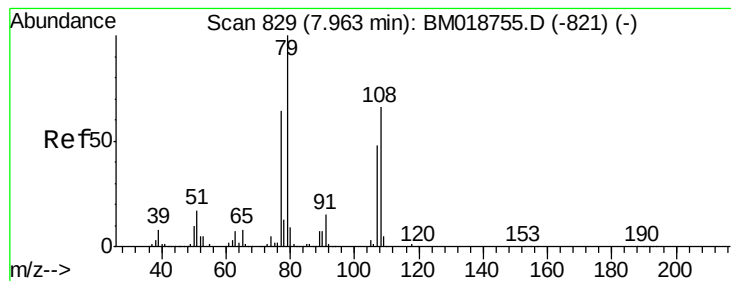
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#14
 1,2-Dichlorobenzene
 Concen: 40.988 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	45.9	35.9	53.9





#15

Benzyl Alcohol

Concen: 44.399 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tot Ion:	79	Resp:	618570
Ion Ratio	Lower	Upper	
79	100		
108	67.0	52.7	79.1
77	65.5	51.0	76.4

Instrument :

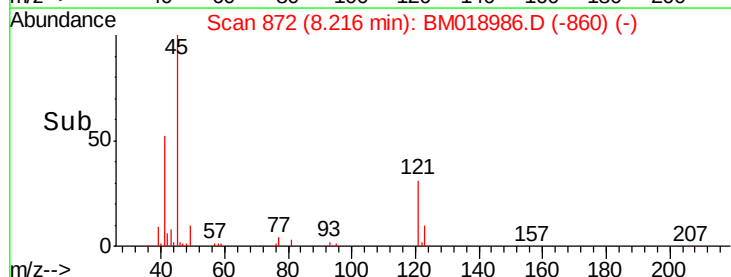
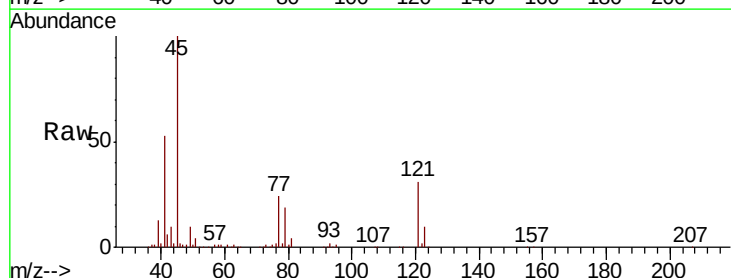
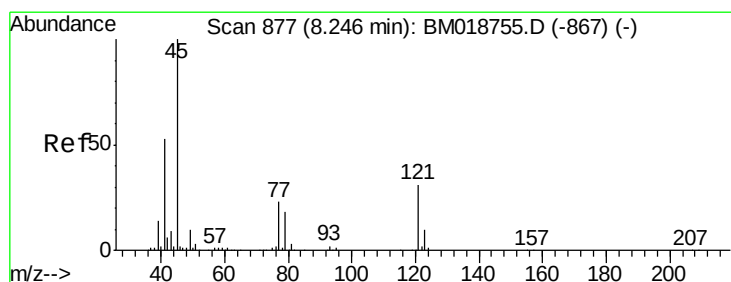
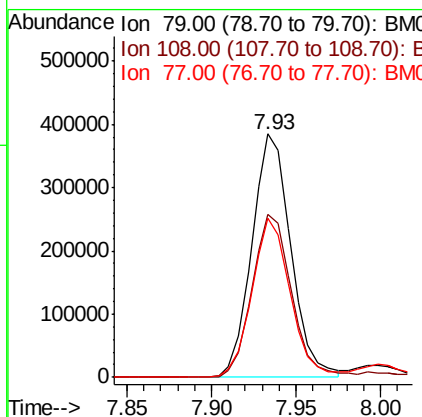
BNA_M

ClientSampled :

PB117349BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.910 ng

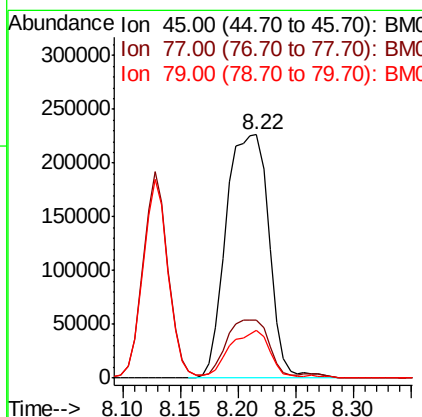
RT: 8.22 min Scan# 872

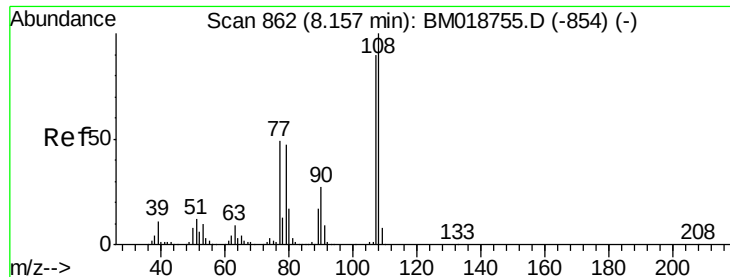
Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tgt Ion:	45	Resp:	584468
Ion Ratio	Lower	Upper	
45	100		
77	23.6	5.0	45.0
79	19.4	0.0	39.3





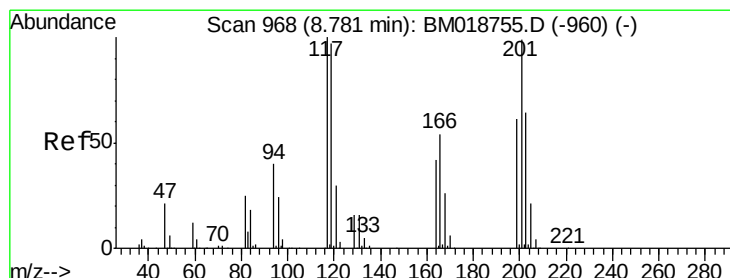
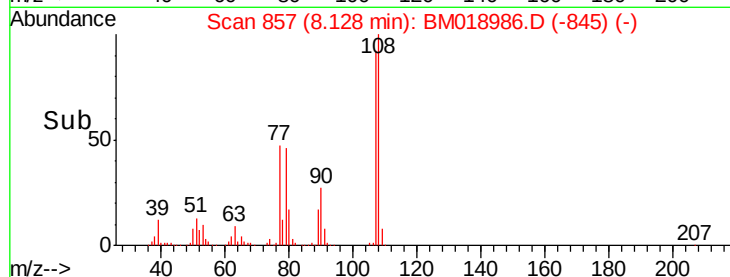
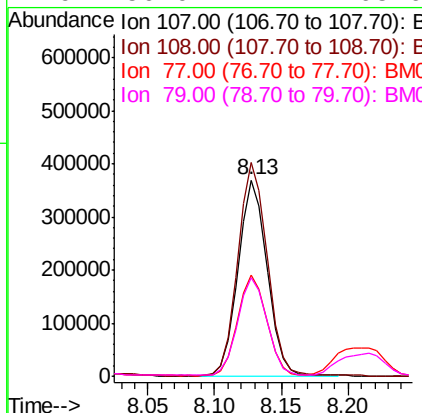
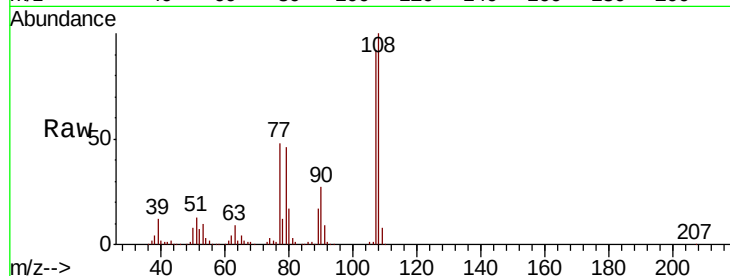
#17
2-Methylphenol
Concen: 47.327 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	88.8	133.2	
77	51.8	44.0	66.0	
79	50.0	42.4	63.6	

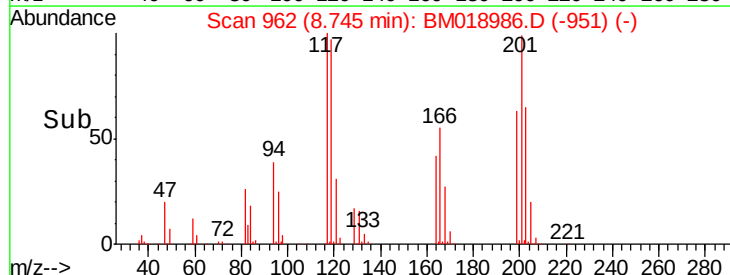
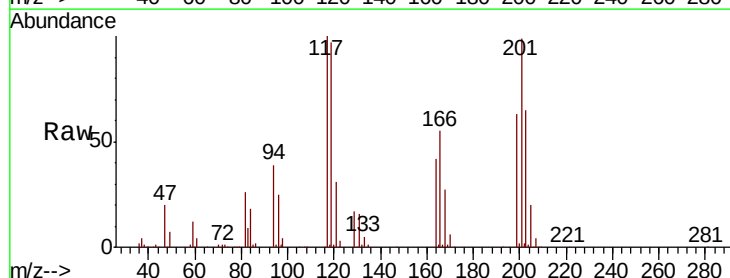
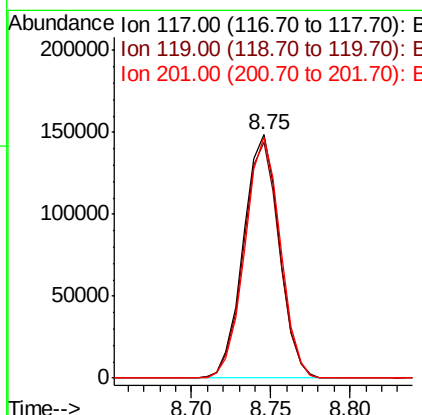
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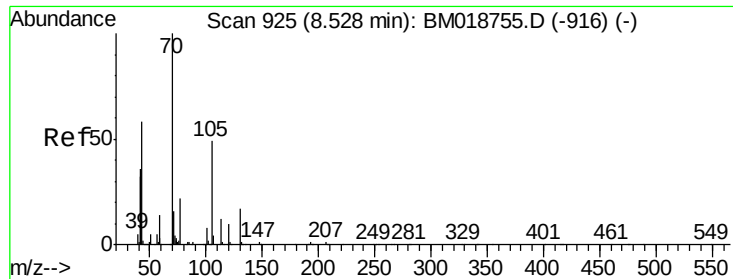
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#18
Hexachloroethane
Concen: 41.075 ng
RT: 8.75 min Scan# 962
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.9	116.9	
201	98.9	79.2	118.8	





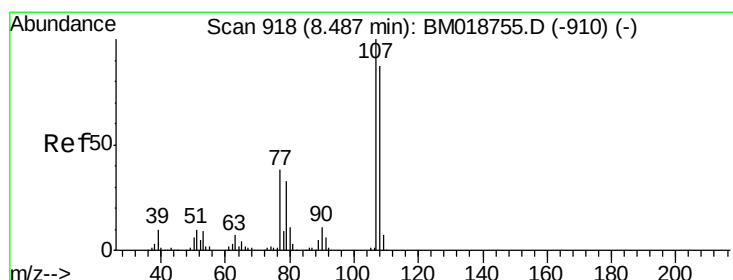
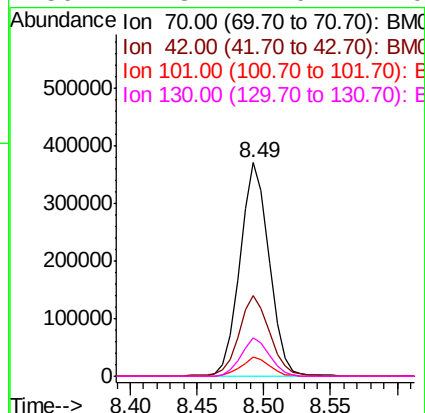
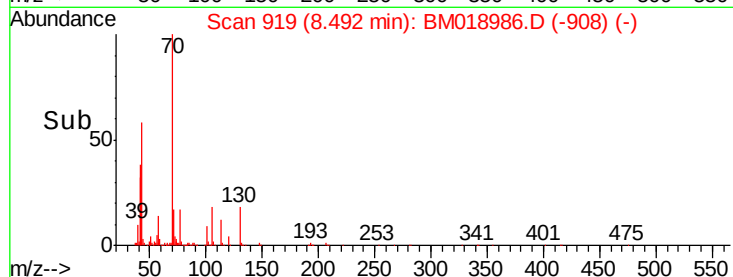
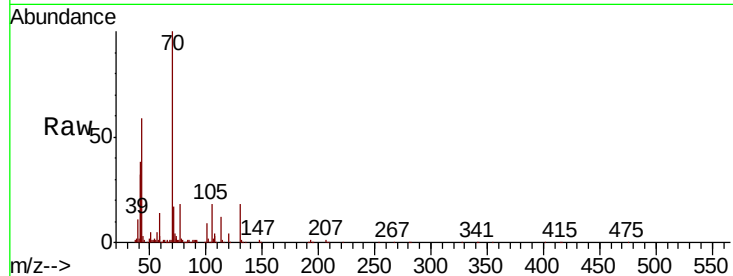
#19
n-Nitroso-di-n-propylamine
Concen: 41.336 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.0	29.4	44.0	
101	8.8	6.7	10.1	
130	17.8	14.0	21.0	

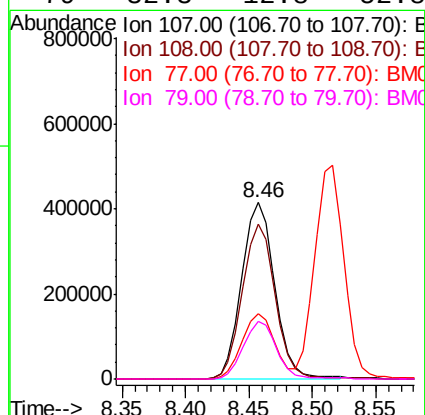
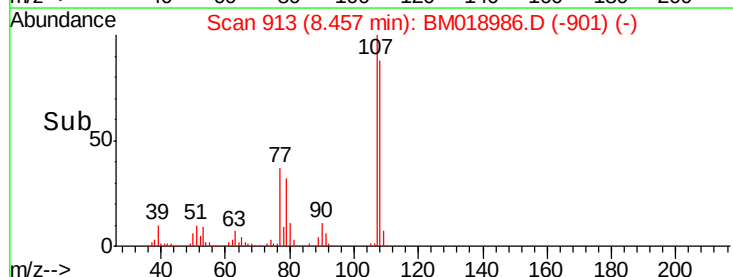
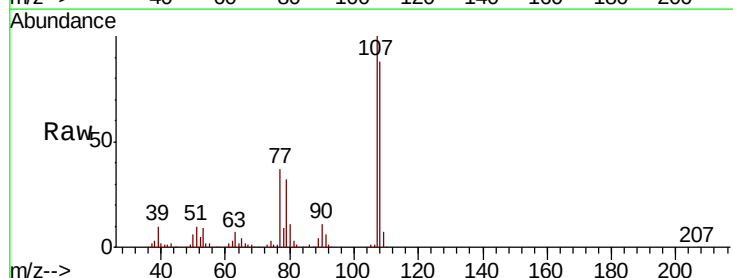
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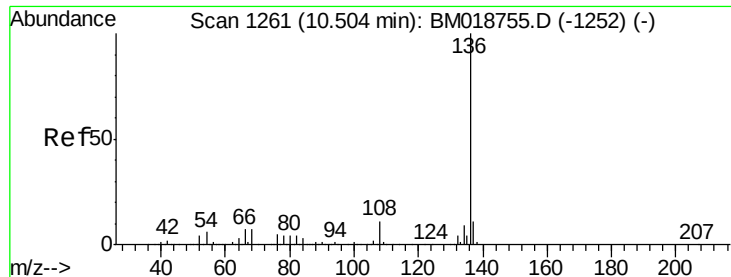
Sohil
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#20
3+4-Methylphenols
Concen: 46.492 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	67.3	107.3	
77	37.3	18.0	58.0	
79	32.3	12.8	52.8	





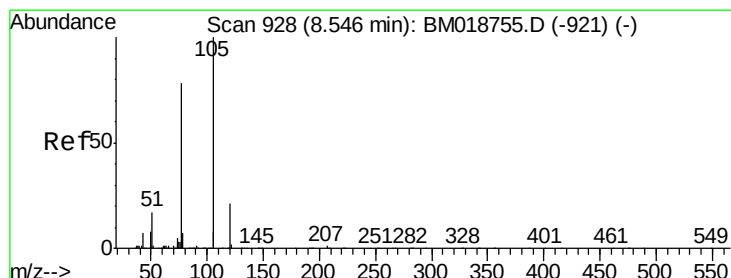
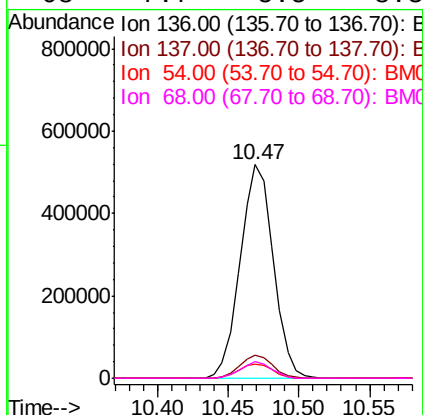
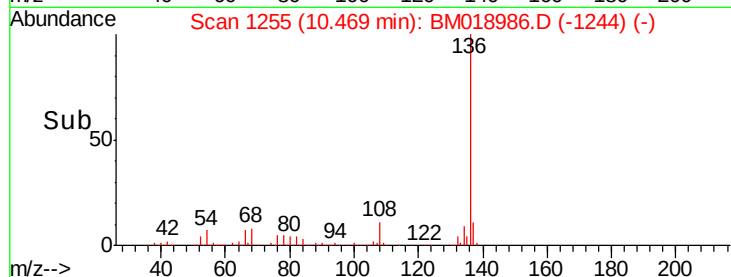
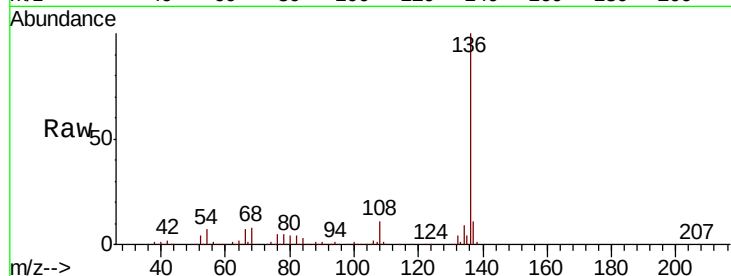
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	848901		
137	10.9		8.8	13.2
54	6.8		5.0	7.6
68	7.7		5.5	8.3

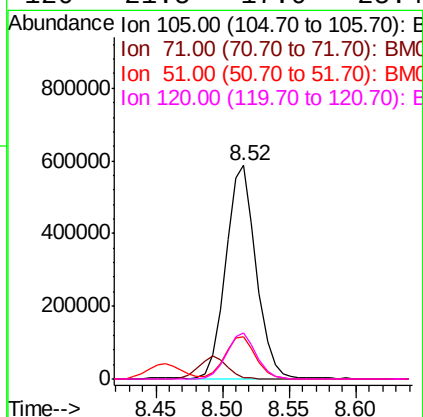
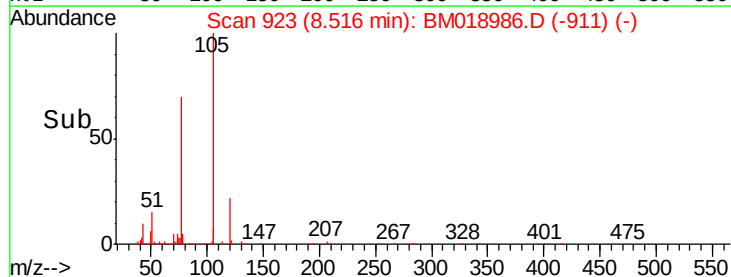
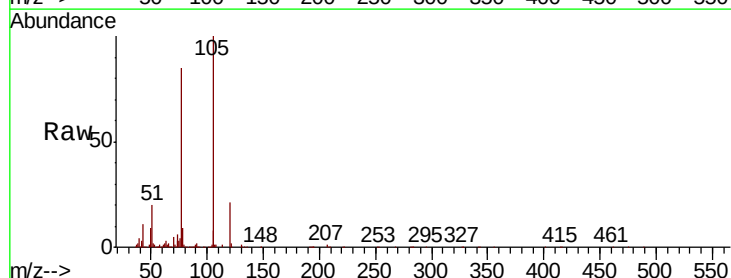
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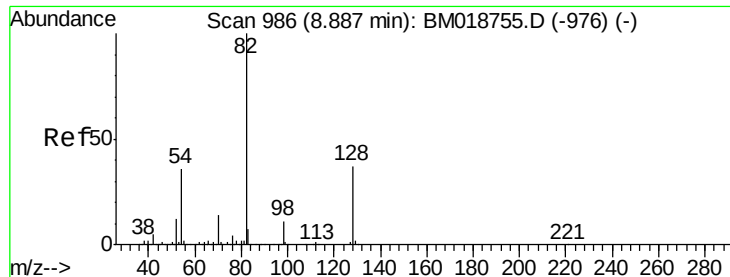
Sohil
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#22
Acetophenone
Concen: 39.515 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	921193		
71	0.8		1.1	1.7#
51	20.0		15.5	23.3
120	21.5		17.0	25.4





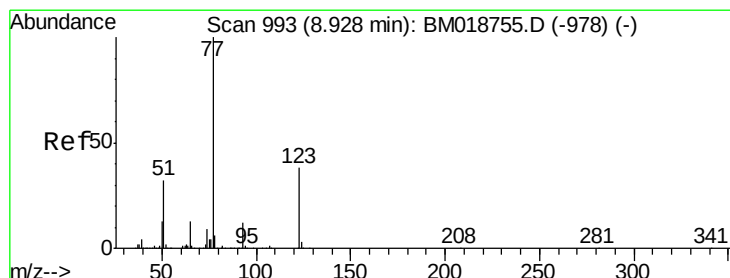
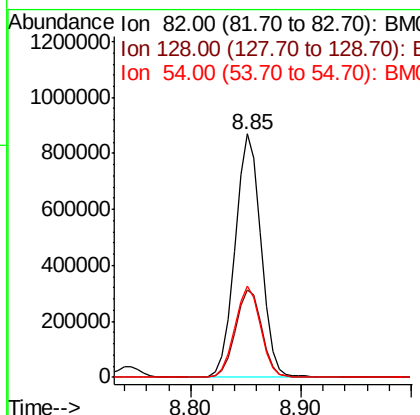
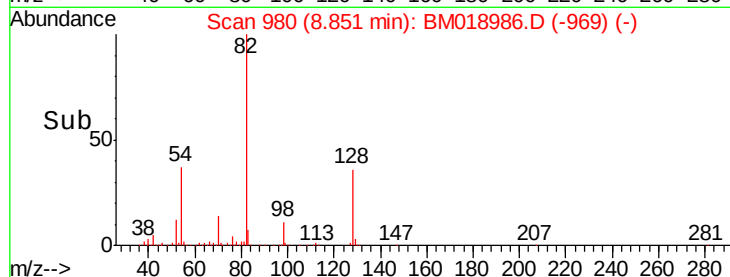
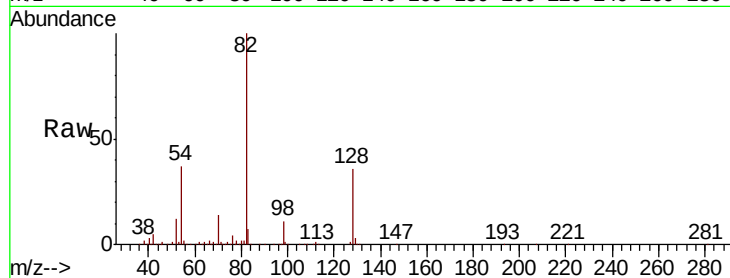
#23
 Nitrobenzene-d5
 Concen: 78.193 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampled :
 PB117349BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.9	44.9
54	37.3	29.1	43.7

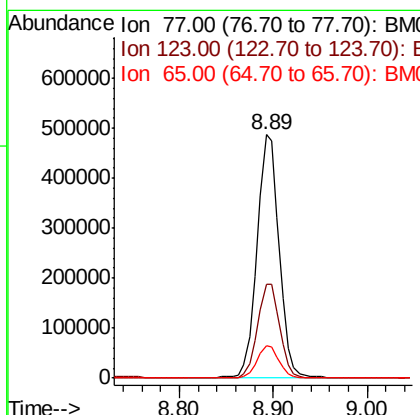
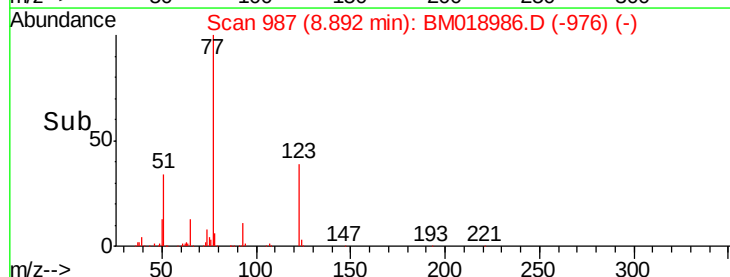
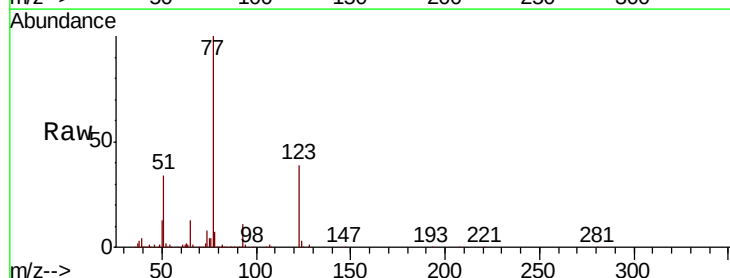
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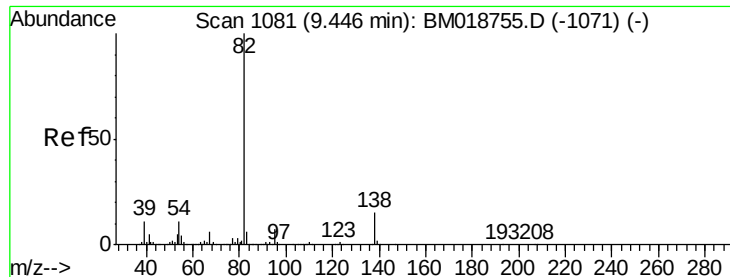
Sohil
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#24
 Nitrobenzene
 Concen: 41.485 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	30.7	46.1
65	13.2	10.5	15.7





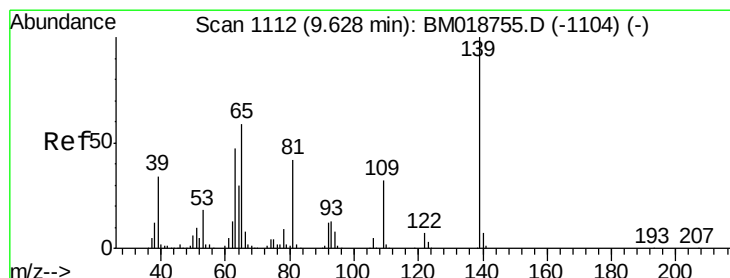
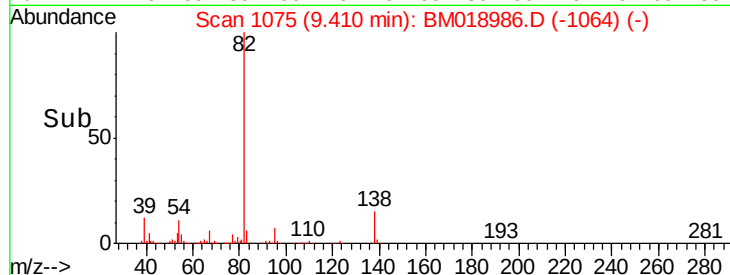
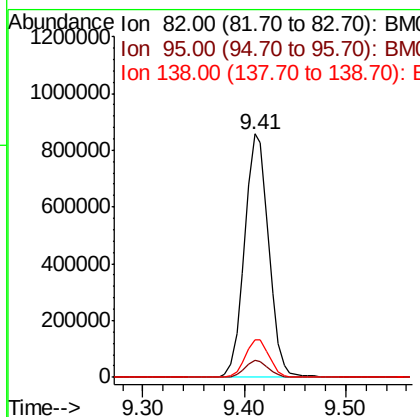
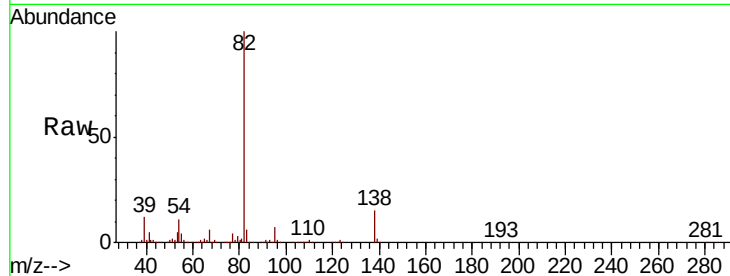
#25
Isophorone
Concen: 48.381 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion: 82 Resp: 1417256
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 15.2 12.3 18.5

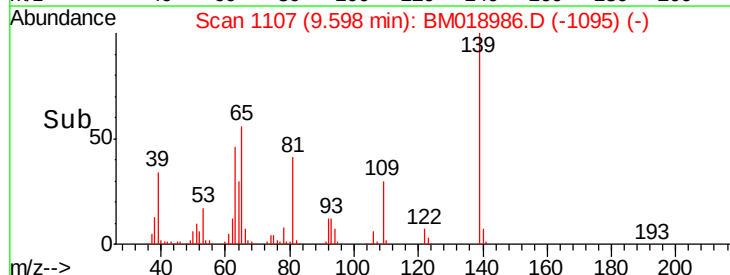
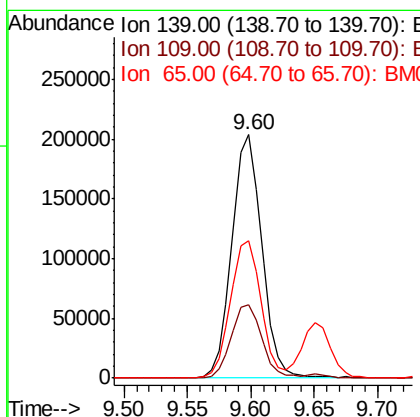
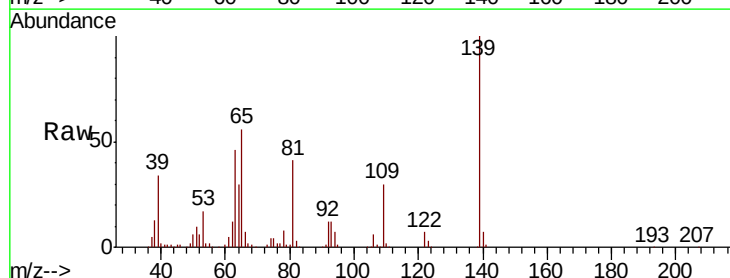
Manual Integrations
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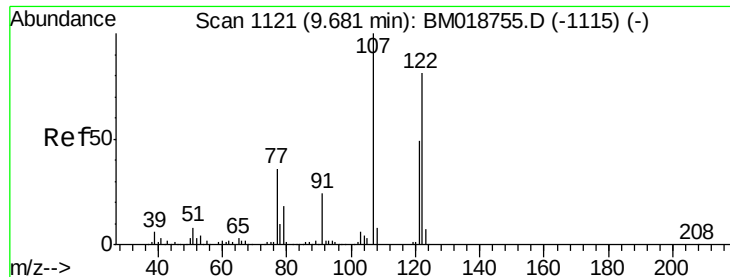
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#26
2-Nitrophenol
Concen: 44.032 ng
RT: 9.60 min Scan# 1107
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion: 139 Resp: 334162
Ion Ratio Lower Upper
139 100
109 30.0 25.2 37.8
65 56.3 47.0 70.4





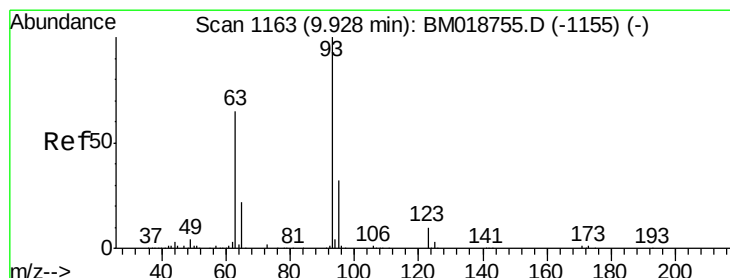
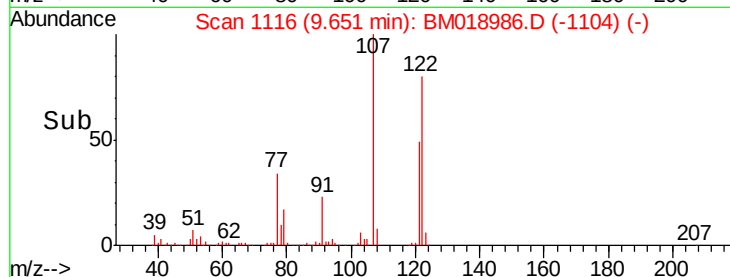
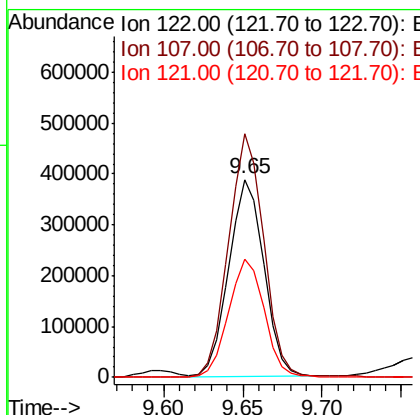
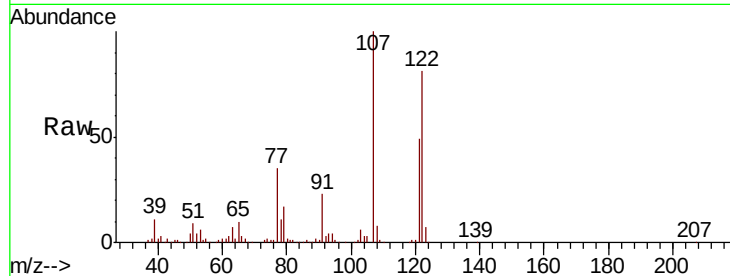
#27
2,4-Dimethylphenol
Concen: 53.854 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		596939		
107	123.0	97.6		146.4	
121	59.9	47.9		71.9	

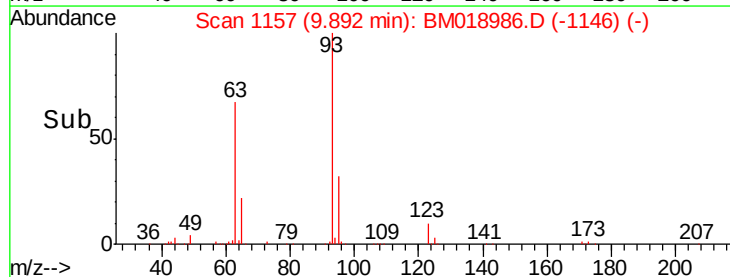
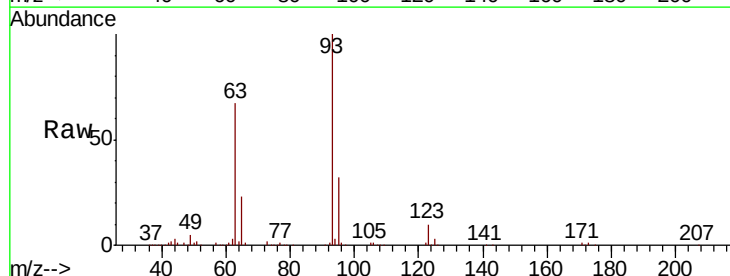
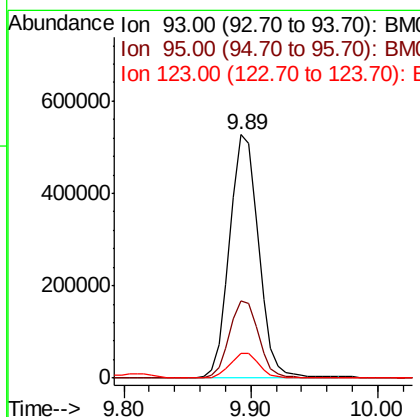
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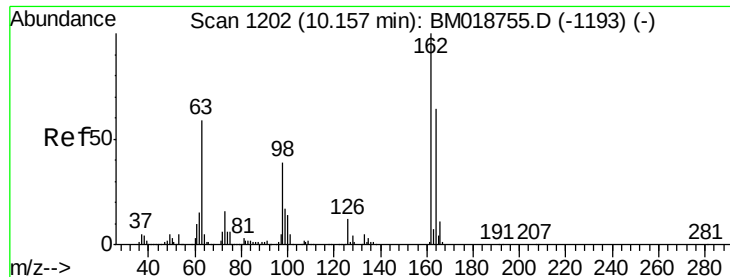
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.316 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		839482		
95	31.5	25.6		38.4	
123	10.3	8.2		12.4	





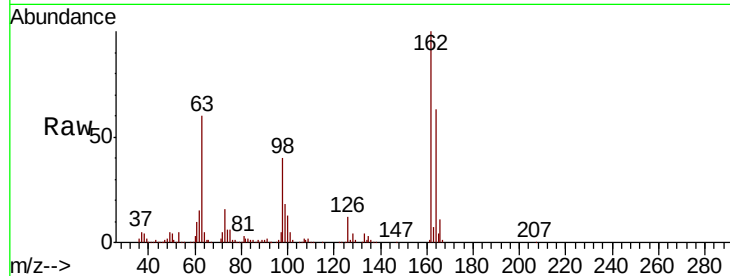
#29
2,4-Dichlorophenol
Concen: 47.414 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :
PB117349BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.9	44.1	84.1
98	39.6	19.4	59.4

Manual Integrations
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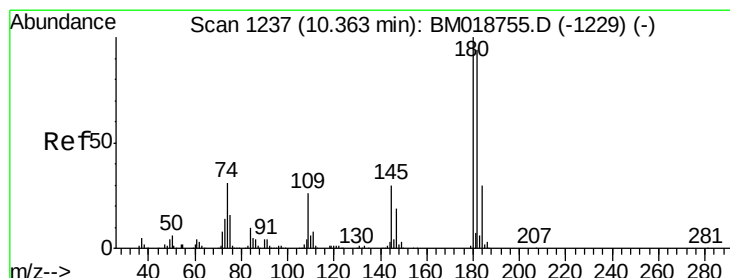
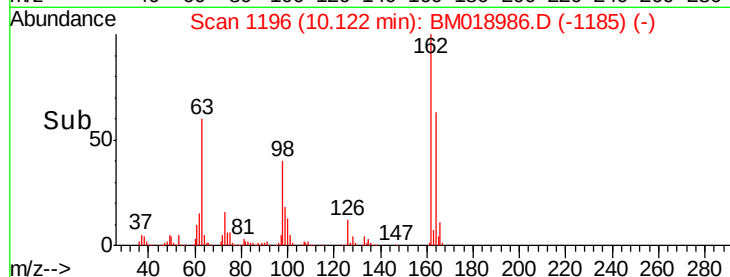
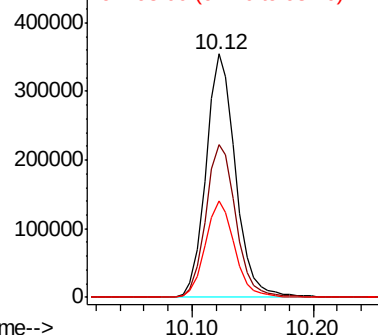


Abundance

Ion 162.00 (161.70 to 162.70): E

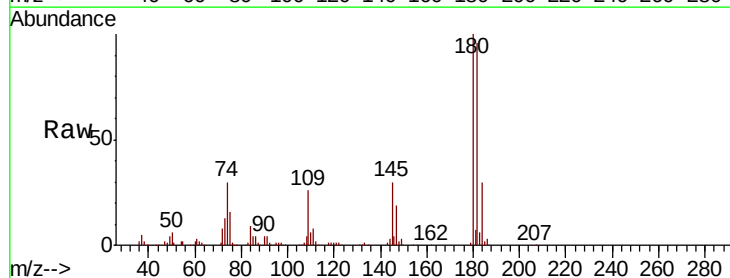
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 40.586 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.2	75.0	112.6
145	30.3	24.1	36.1

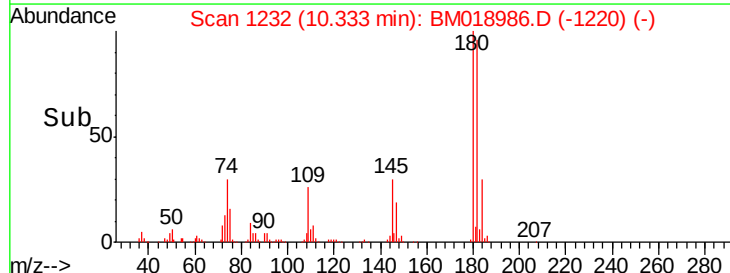
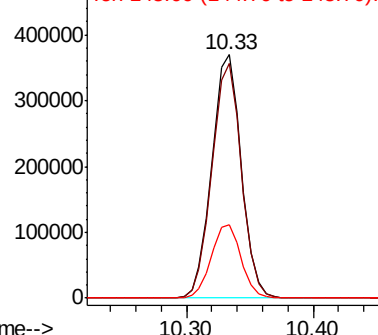


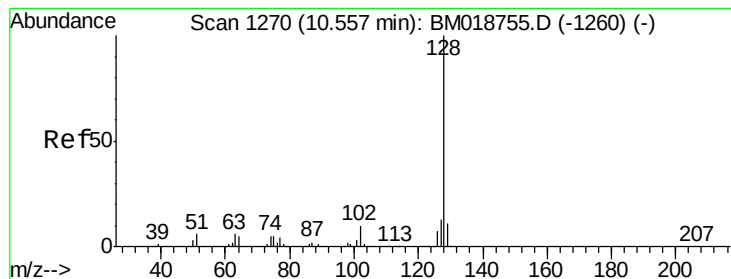
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.749 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.04 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117349BS

Tot Ion:128 Resp: 1852688

Ion Ratio Lower Upper

128 100

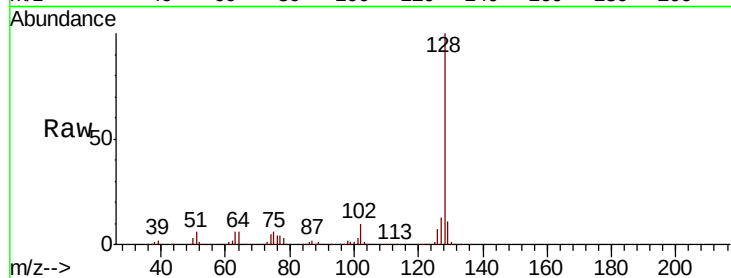
129 10.9 9.0 13.4

127 13.3 10.7 16.1

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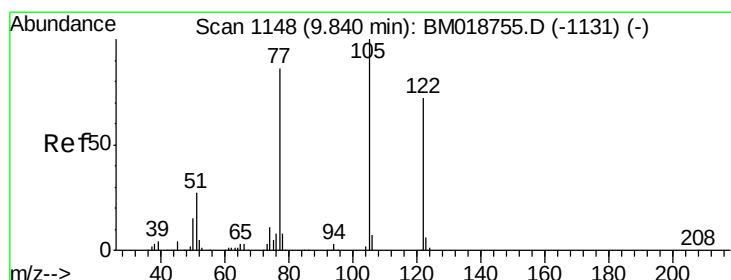
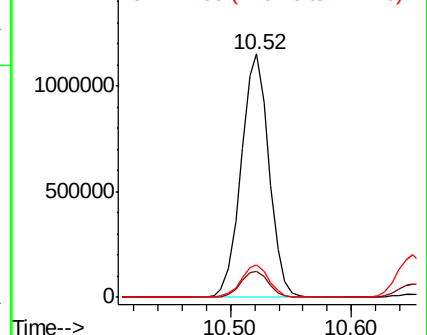
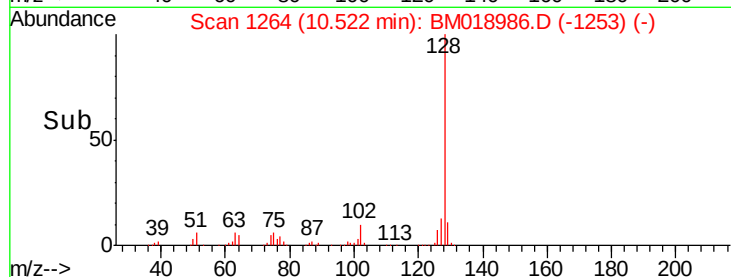


Abundance

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: 41.060 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

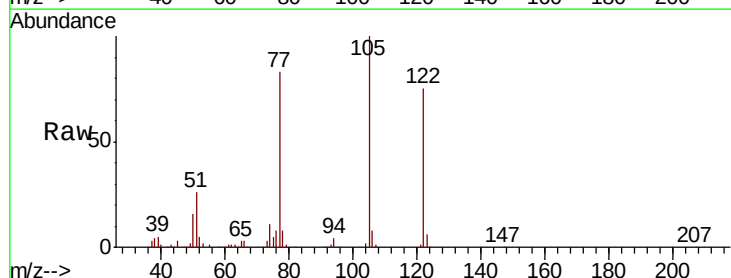
Tgt Ion:122 Resp: 397005

Ion Ratio Lower Upper

122 100

105 133.5 117.5 157.5

77 110.3 98.5 138.5

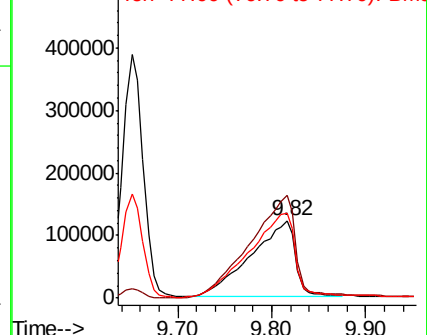
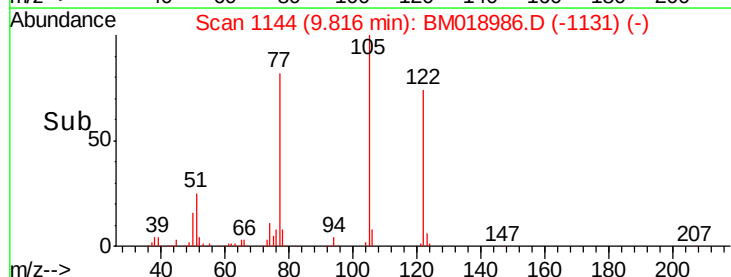


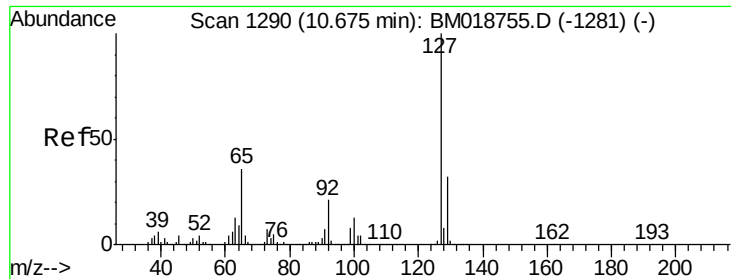
Abundance

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





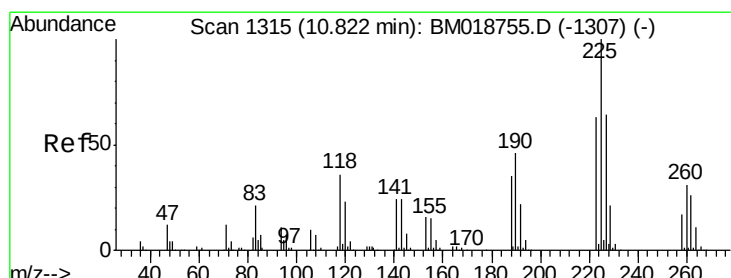
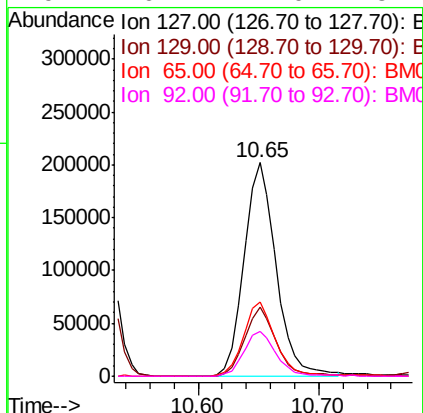
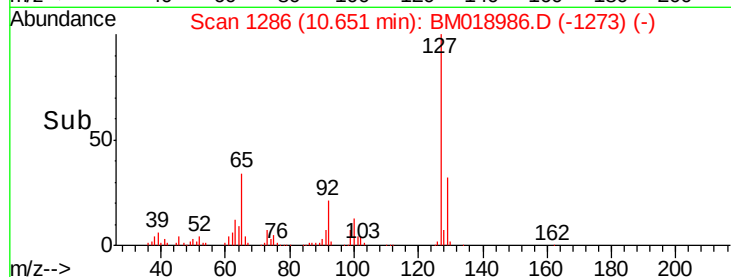
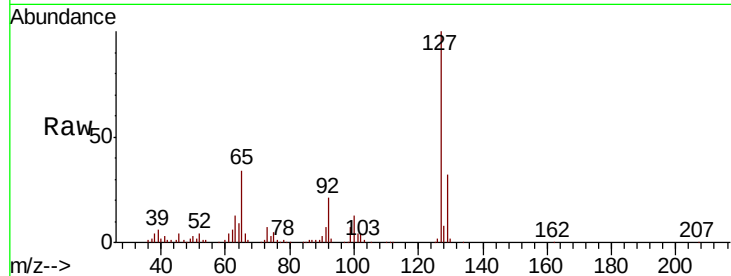
#33
4-Chloroaniline
Concen: 20.266 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	34.5	28.7	43.1
92	20.7	17.0	25.4

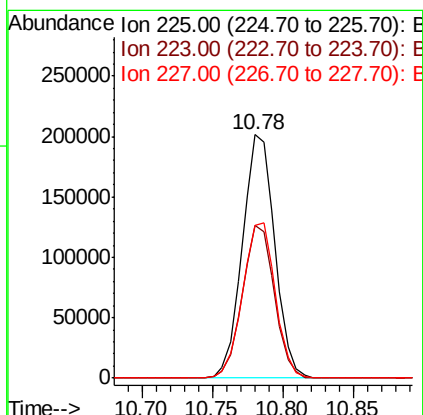
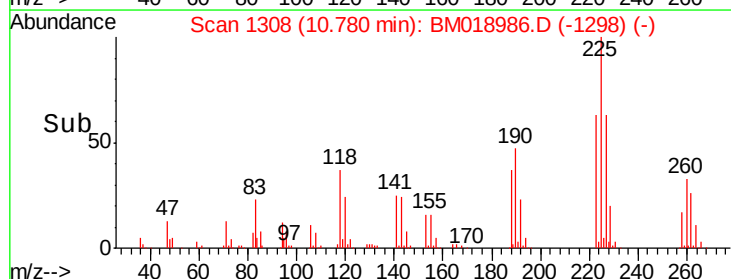
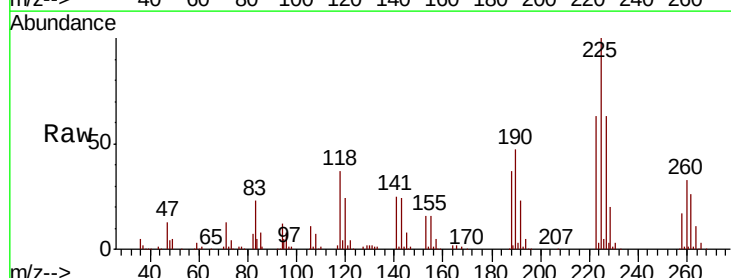
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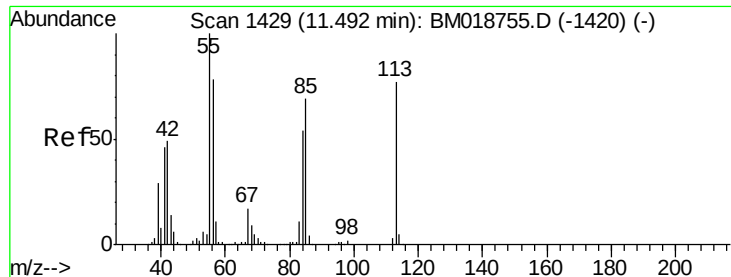
Sohil
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#34
Hexachlorobutadiene
Concen: 37.890 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	62.8	51.4	77.0





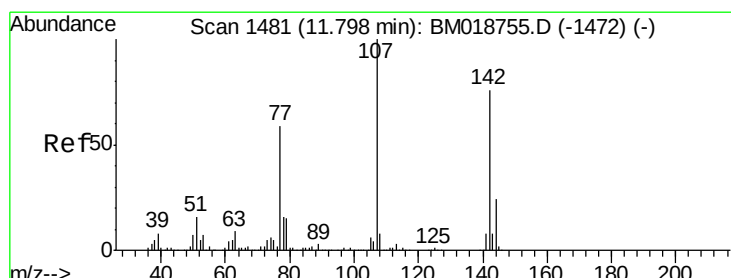
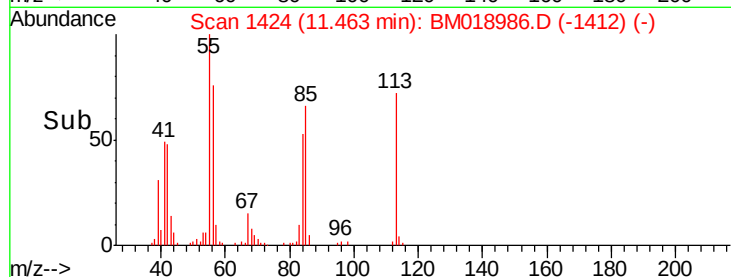
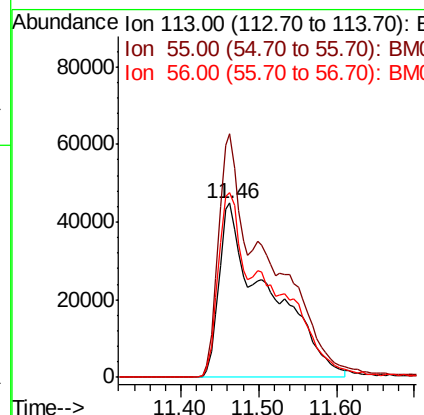
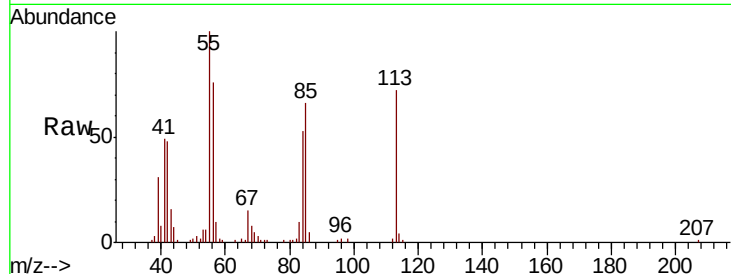
#35
 Caprolactam
 Concen: 37.940 ng/ml
 RT: 11.46 min Scan# 1424
 Delta R.T. -0.03 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.6	110.7	150.7
56	105.9	82.4	122.4

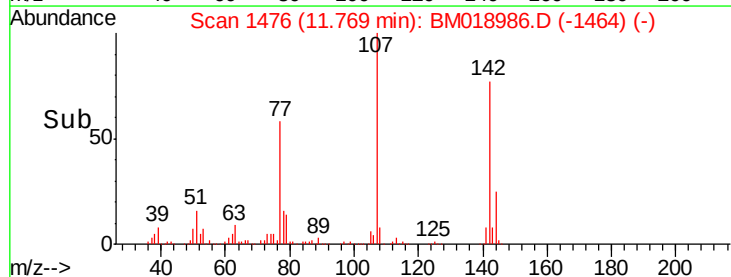
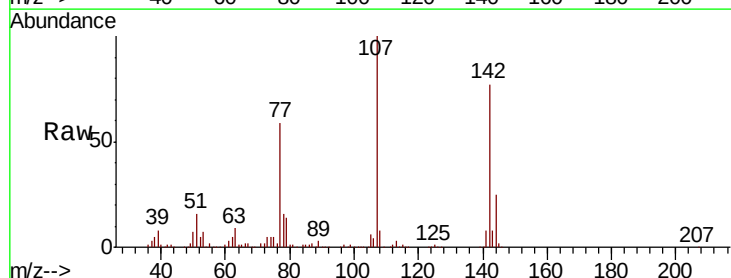
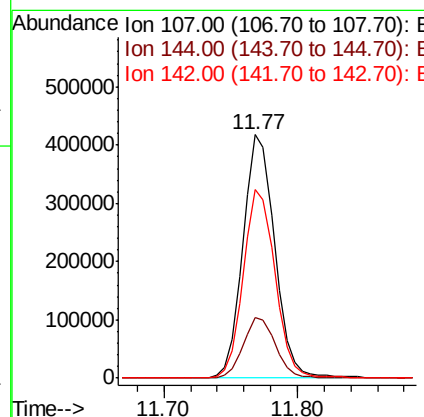
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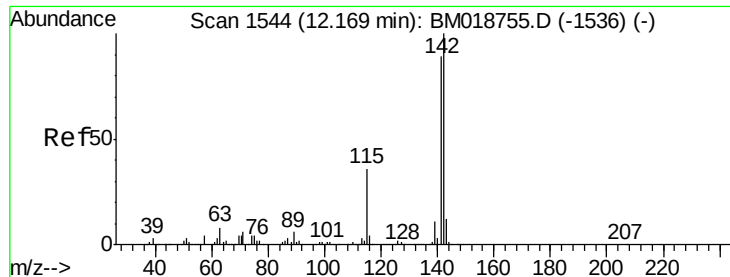
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#36
 4-Chloro-3-methylphenol
 Concen: 44.835 ng/ml
 RT: 11.77 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.3	28.9
142	77.2	60.5	90.7





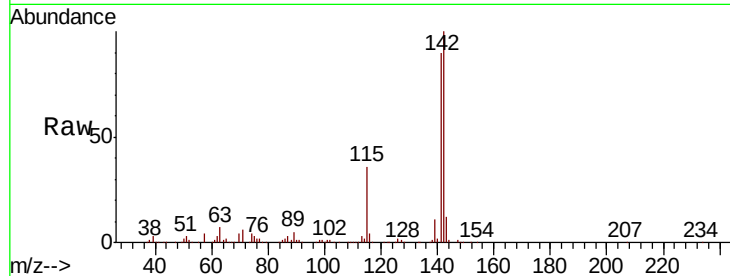
#37
2-Methylnaphthalene
Concen: 47.306 ng
RT: 12.14 min Scan# 1539
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :
PB117349BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	35.6	29.1	43.7

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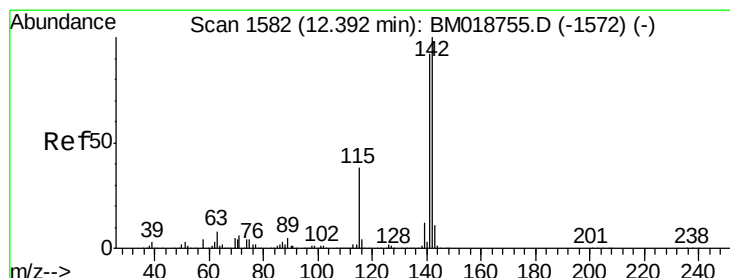
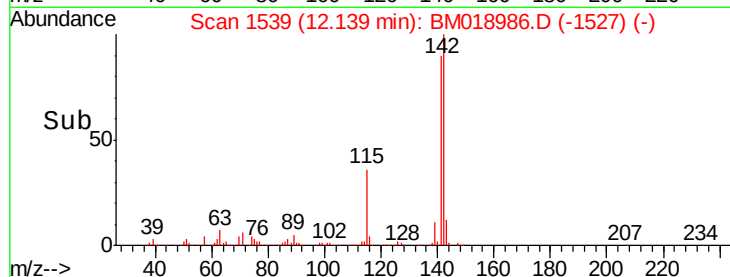
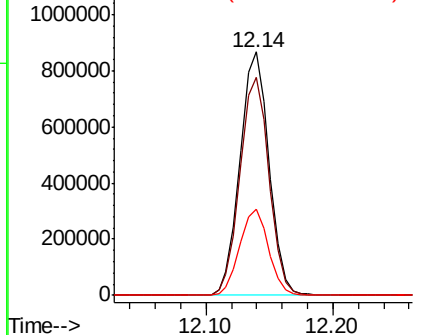


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.091 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

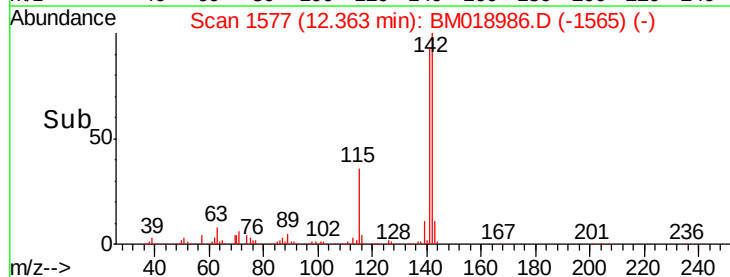
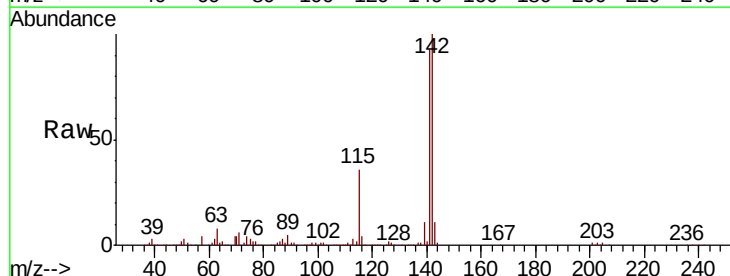
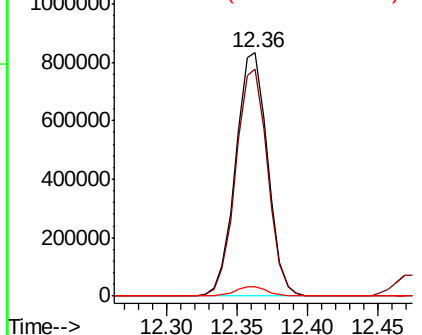
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.9	110.9
116	3.7	3.0	4.4

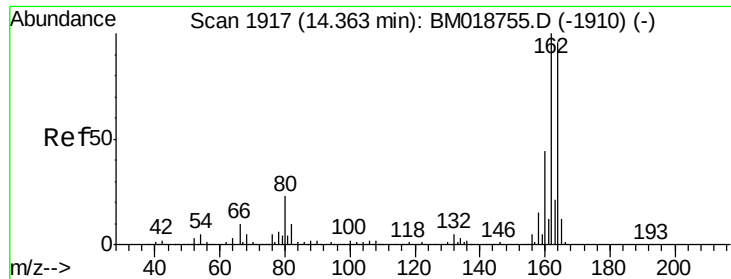
Abundance

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





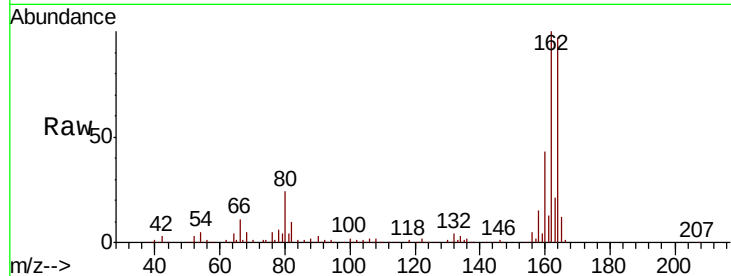
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.4	125.0
160	45.0	36.6	55.0

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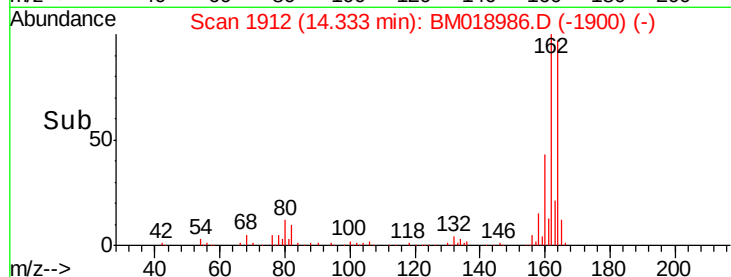
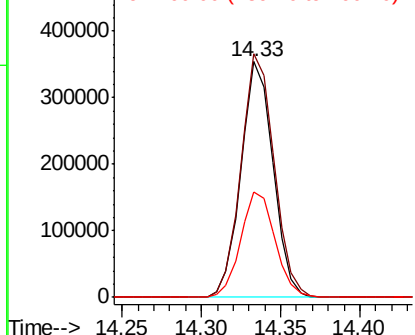


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.976 ng
RT: 12.51 min Scan# 1602
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.2	94.8
179	22.8	17.8	26.8
108	23.6	16.4	24.6

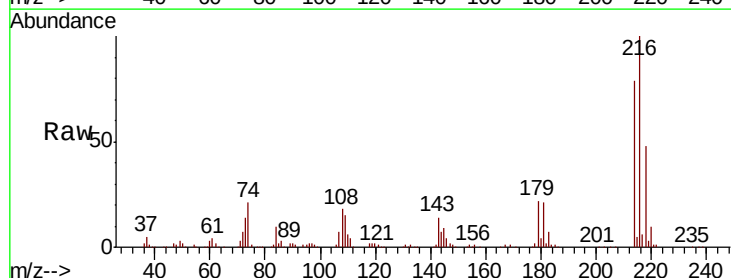
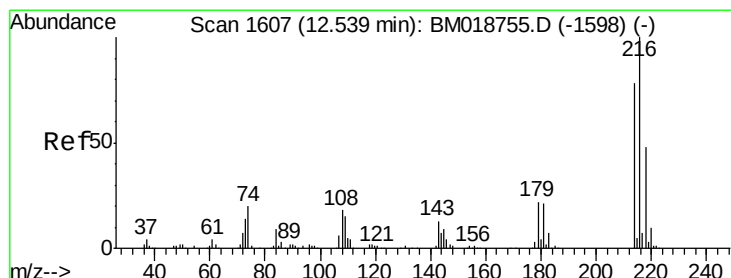
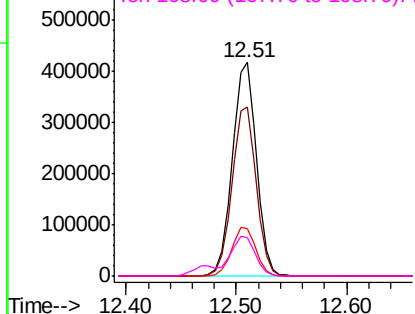
Abundance

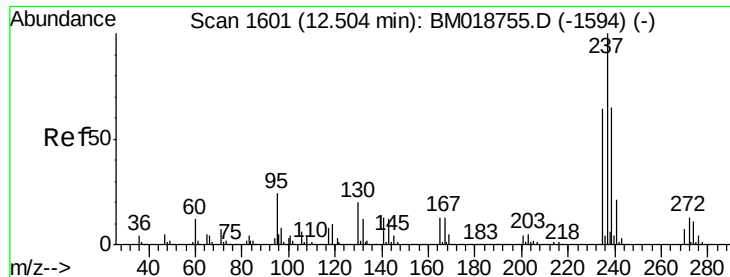
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





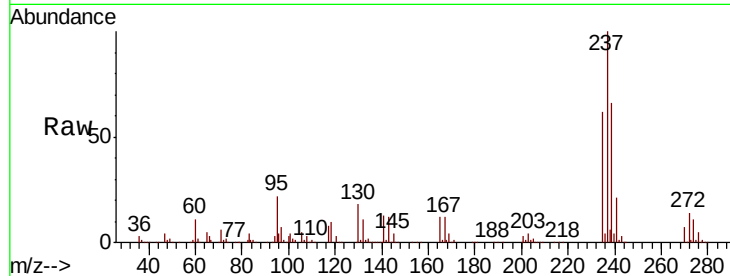
#41
Hexachlorocyclopentadiene
Concen: 101.650 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	831002		
235	62.0	43.7	83.7	
272	14.0	0.0	33.3	

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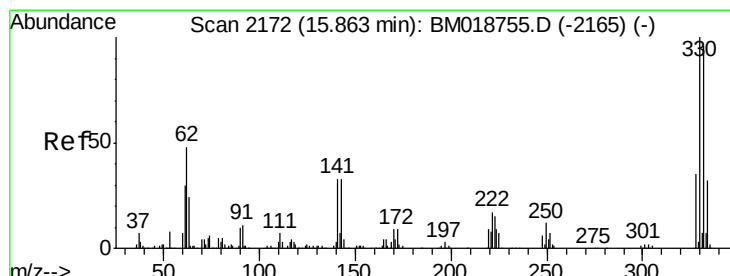
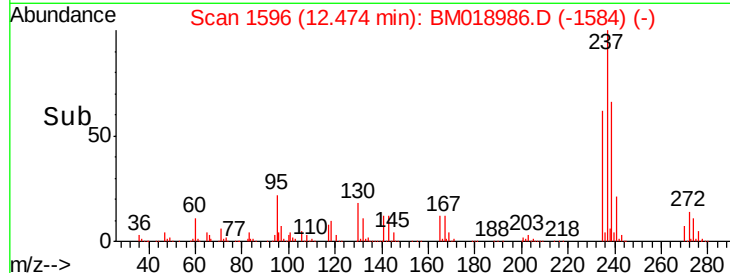
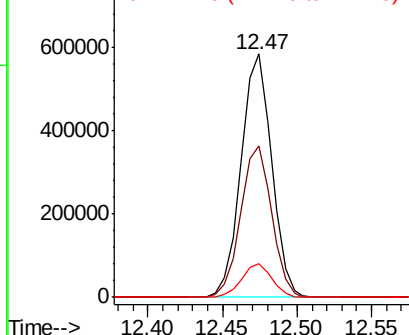


Abundance

Ion 236.80 (236.50 to 237.50): E

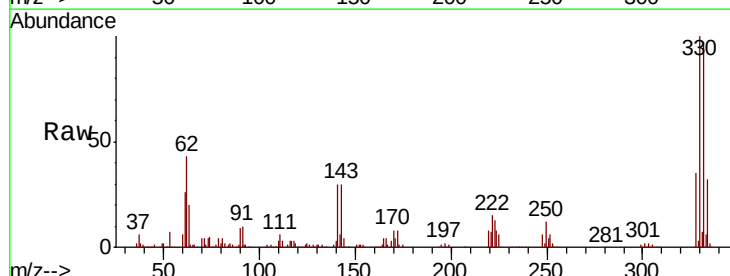
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 137.228 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	988757		
332	96.8	76.9	115.3	
141	34.1	28.7	43.1	

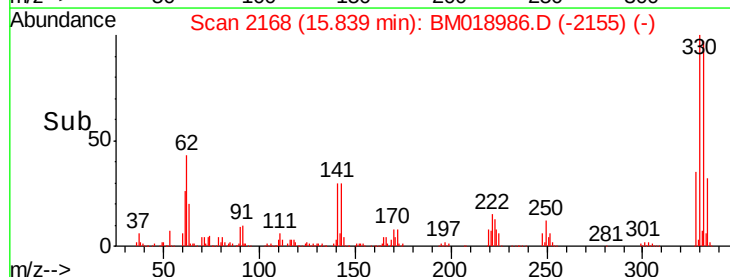
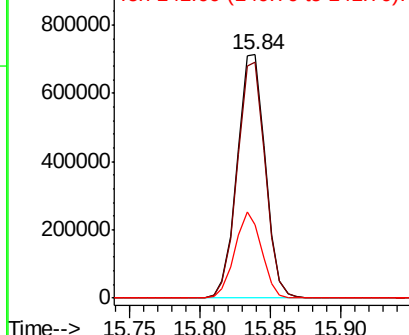


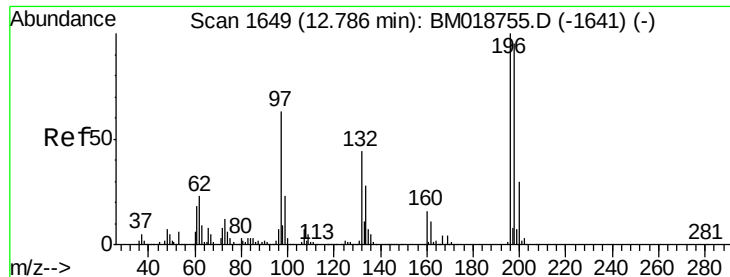
Abundance

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





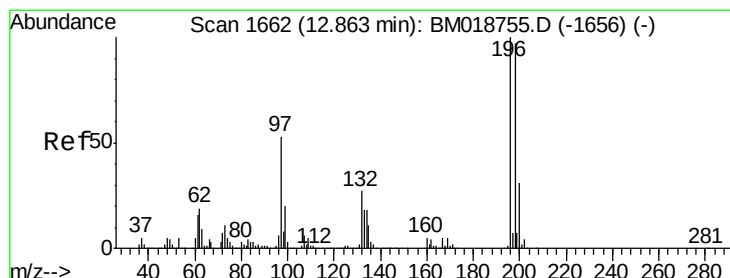
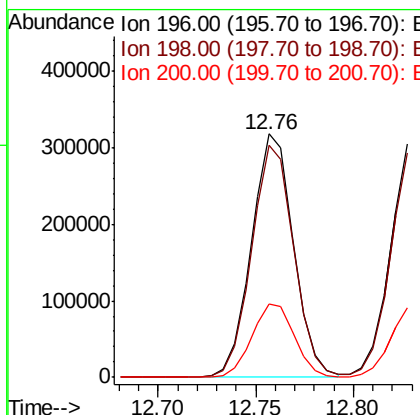
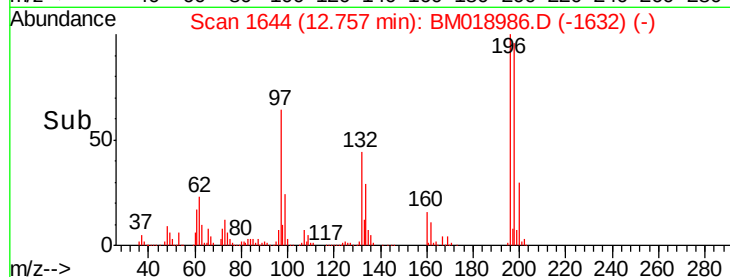
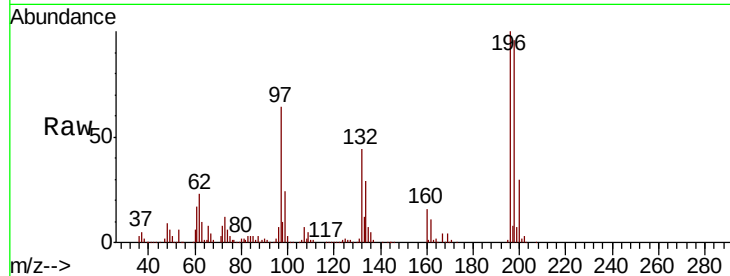
#43
 2,4,6-Trichlorophenol
 Concen: 44.807 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
200	30.3	24.2	36.2

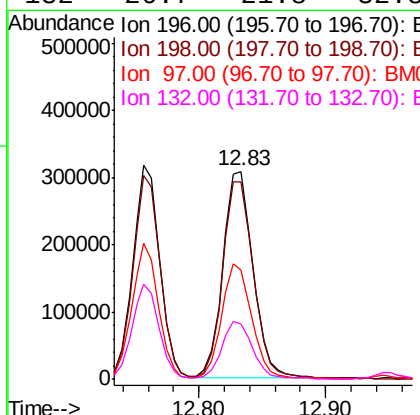
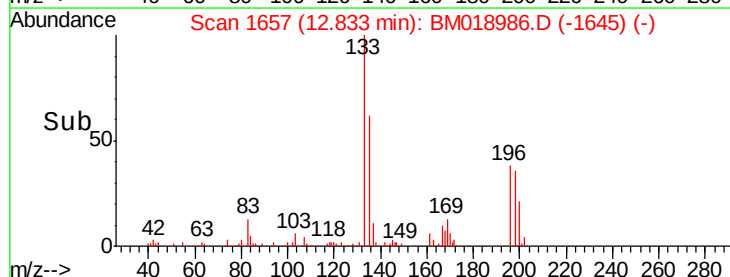
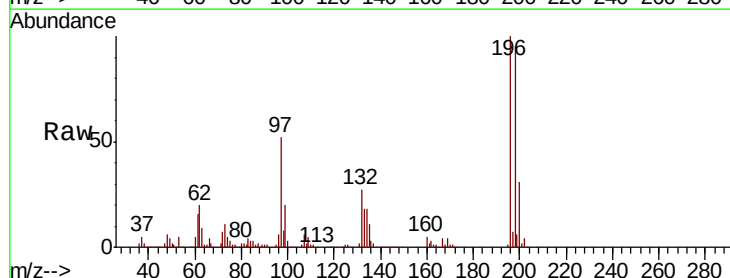
Manual Integrations
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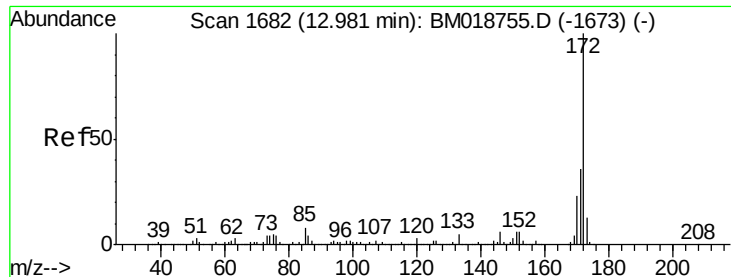
Sohil
 3/4/2019 12:47:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.641 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.6	116.4
97	52.5	42.8	64.2
132	26.7	21.8	32.8





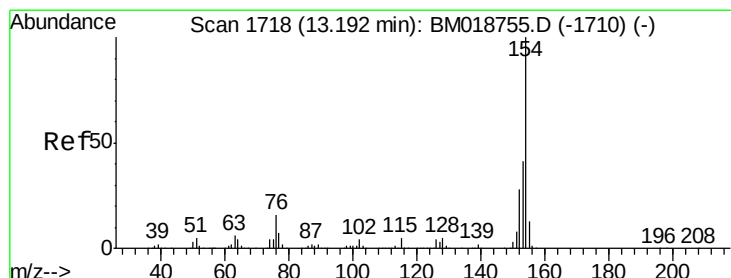
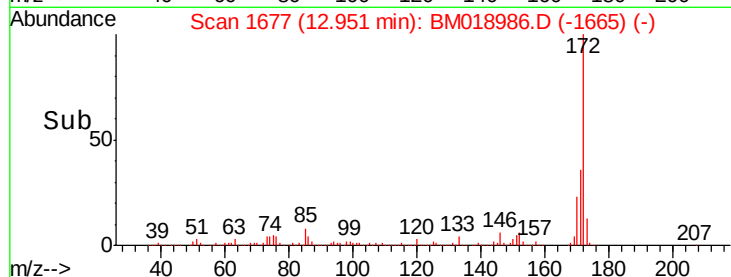
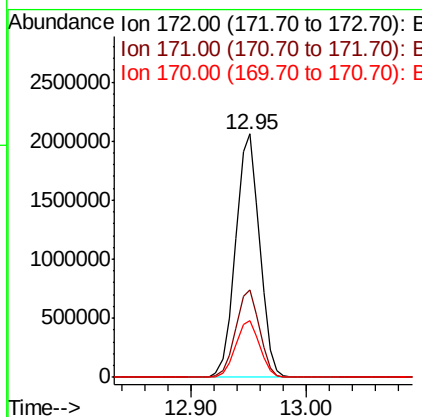
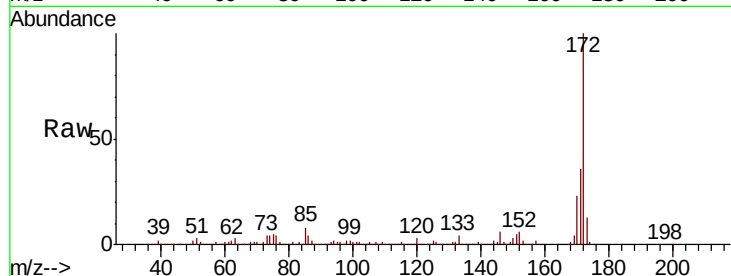
#45
2-Fluorobiphenyl
Concen: 78.306 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.3	18.6	28.0

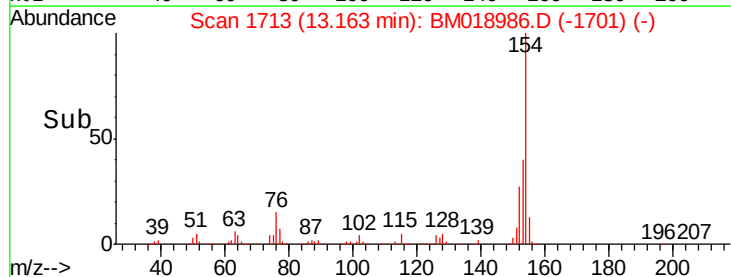
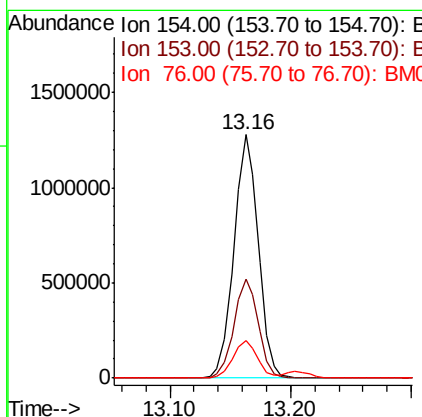
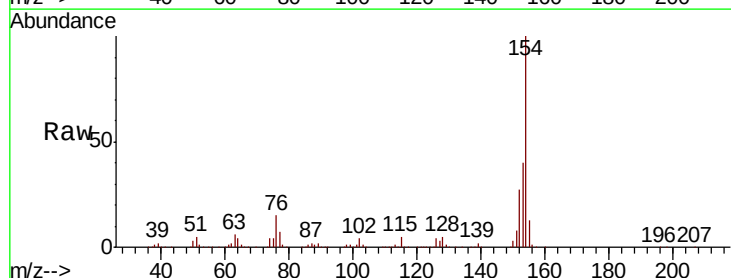
Manual Integrations
APPROVED

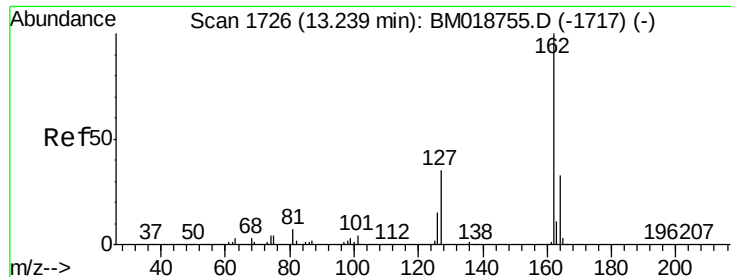
Sohil
3/4/2019 12:47:35 PM



#46
1,1'-Biphenyl
Concen: 41.560 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.1	61.1
76	15.3	0.0	35.7





#47

2-Chloronaphthalene

Concen: 41.789 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.04 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117349BS

Tot Ion: 162 Resp: 1388753

Ion Ratio Lower Upper

162 100

127 39.1 31.1 46.7

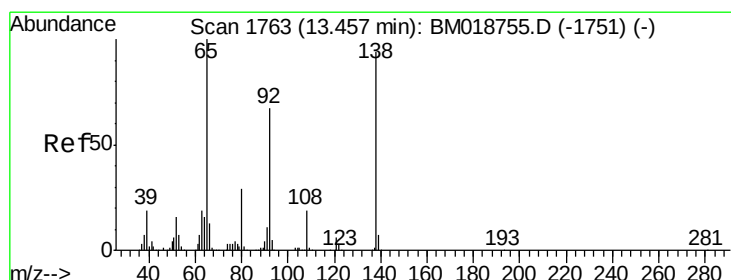
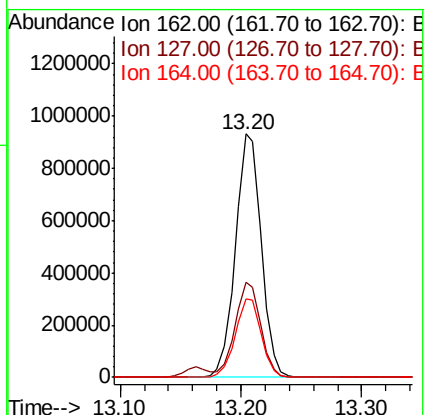
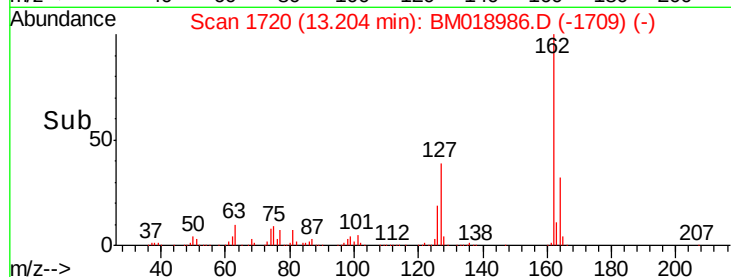
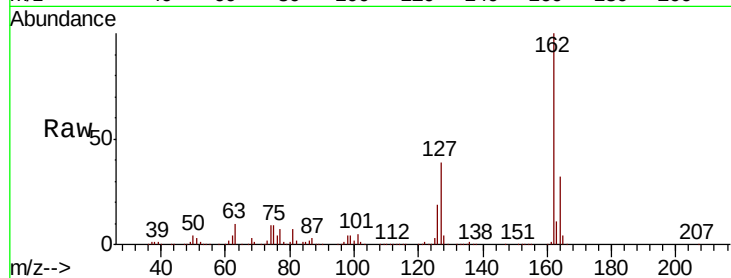
164 32.3 26.4 39.6

Manual Integrations

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#48

2-Nitroaniline

Concen: 43.599 ng

RT: 13.43 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

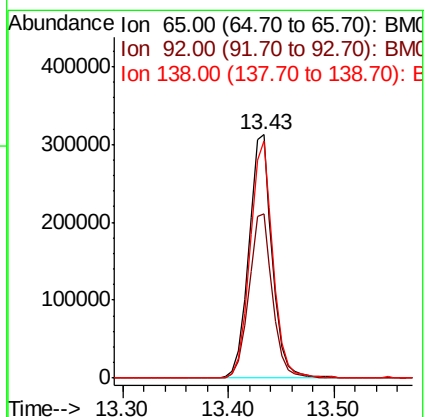
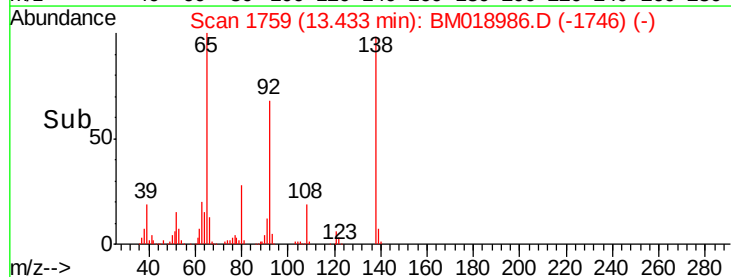
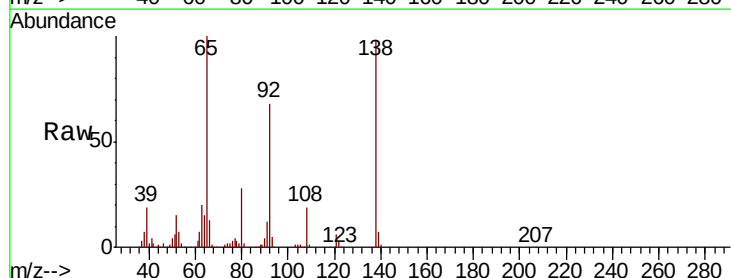
Tgt Ion: 65 Resp: 481211

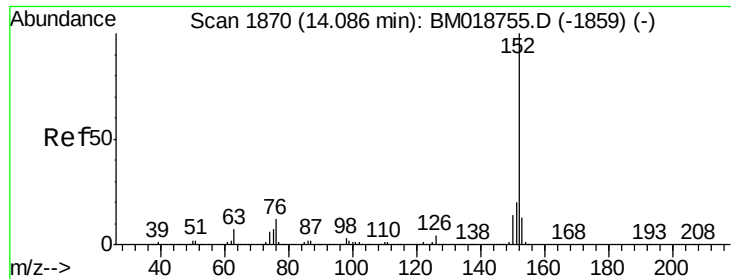
Ion Ratio Lower Upper

65 100

92 67.6 54.0 81.0

138 97.6 74.9 112.3





#49

Acenaphthylene

Concen: 45.752 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117349BS

Tot Ion:152 Resp: 2264004

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

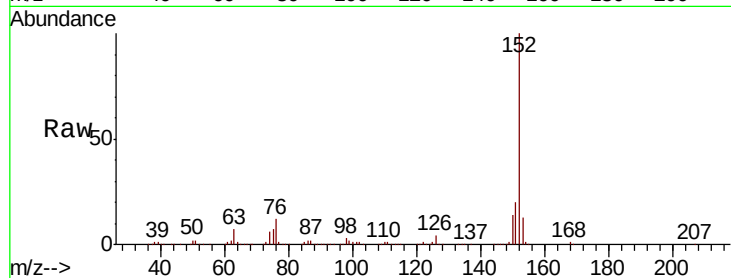
153 13.0 10.5 15.7

Manual Integrations

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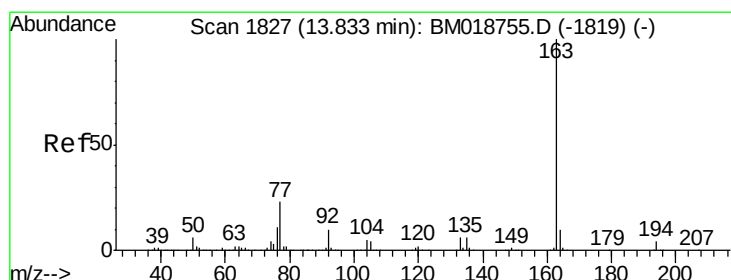
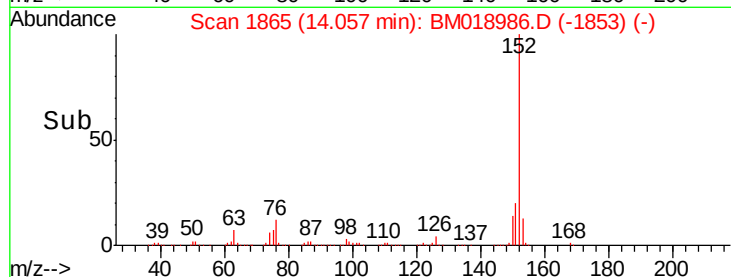
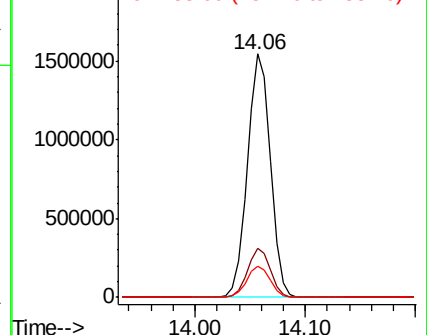


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.968 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

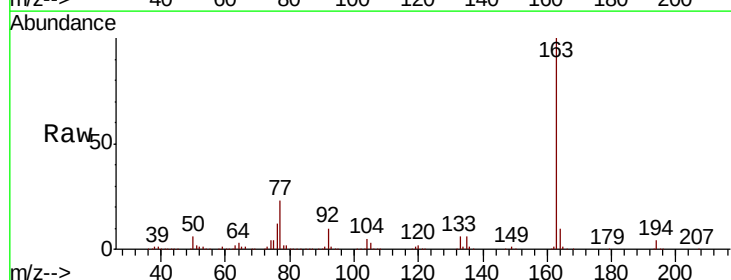
Tgt Ion:163 Resp: 1789950

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 7.8 11.8

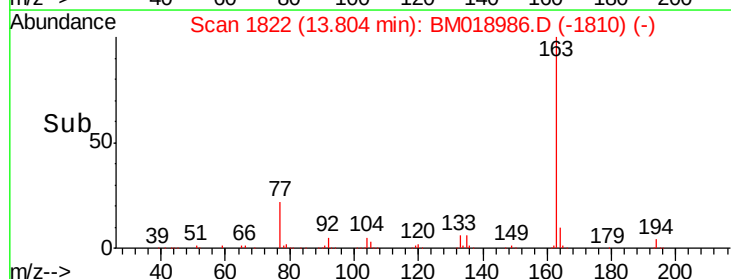
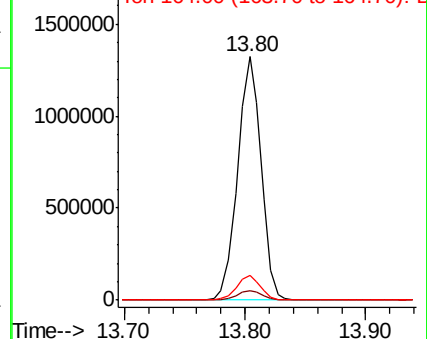


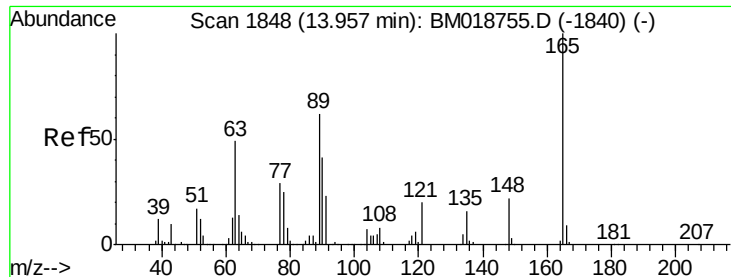
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





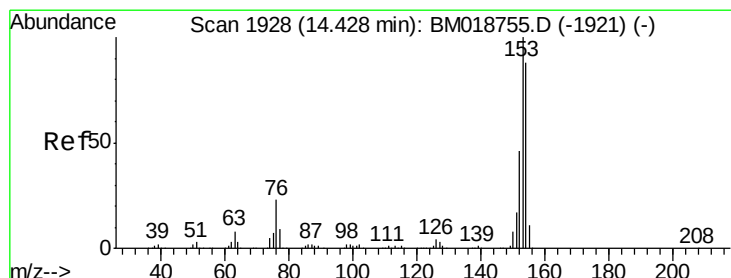
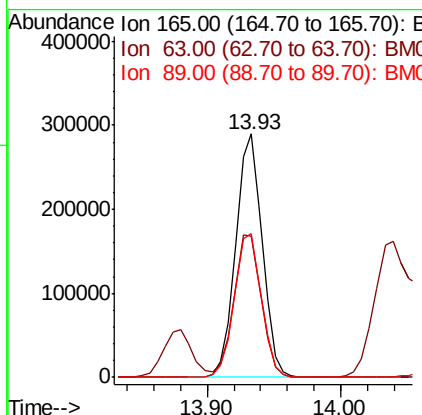
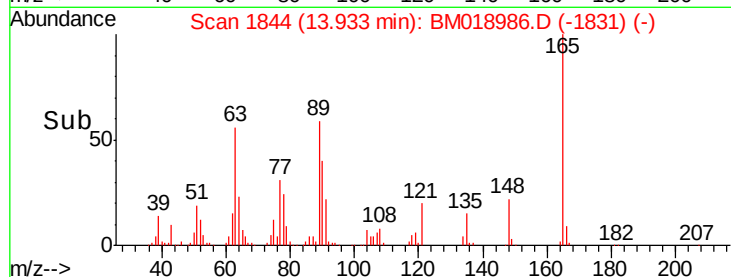
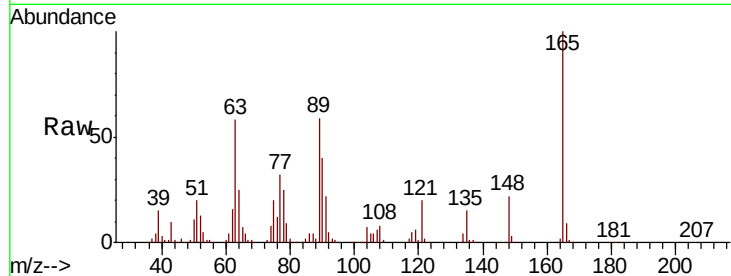
#51
2,6-Dinitrotoluene
Concen: 44.173 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :
PB117349BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	398612		
63	58.1	48.9	73.3	
89	59.0	49.4	74.0	

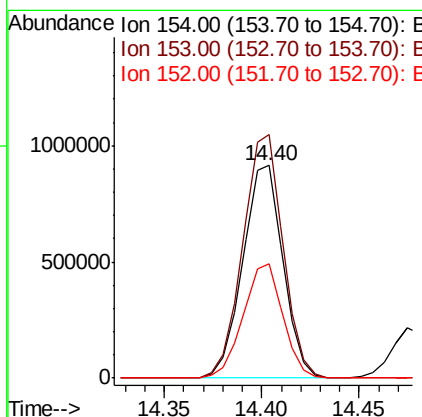
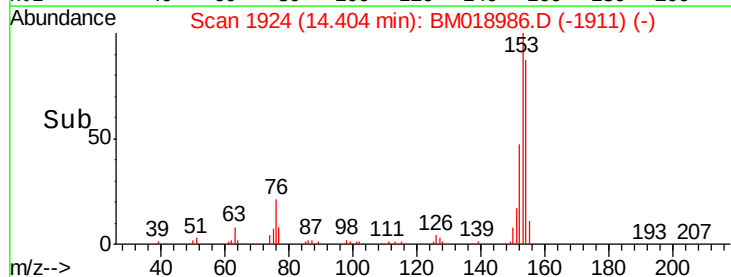
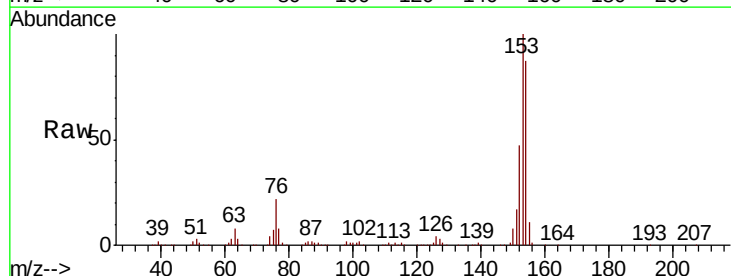
Manual Integrations
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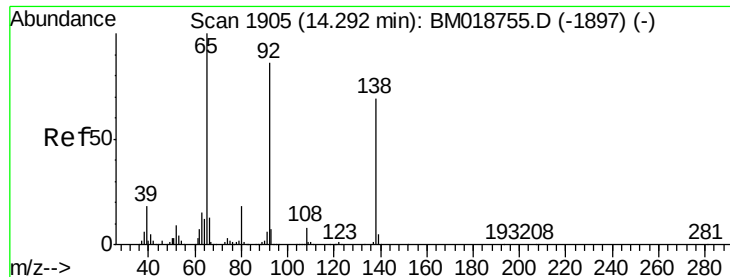
Sohil
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#52
Acenaphthene
Concen: 43.115 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1308210		
153	114.5	91.3	136.9	
152	53.5	42.2	63.4	





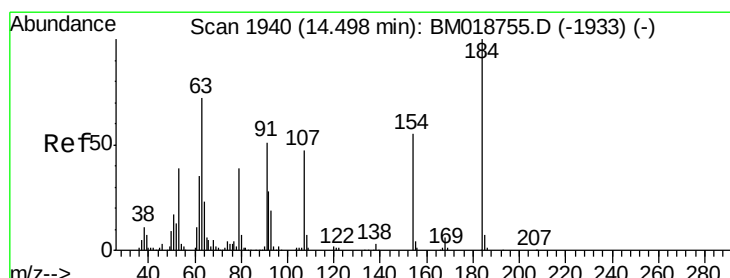
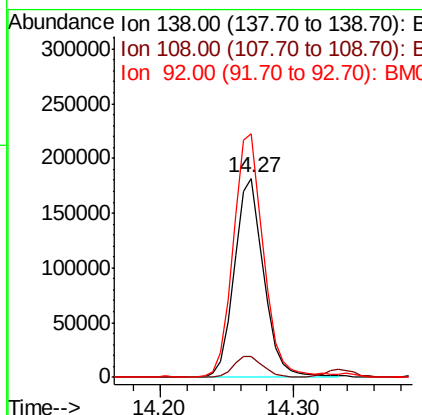
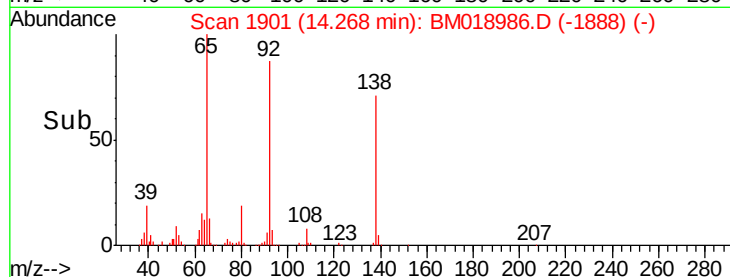
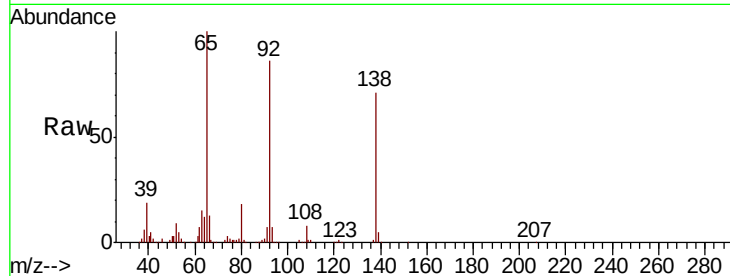
#53
3-Nitroaniline
Concen: 27.291 ng
RT: 14.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	122.2	99.7	149.5

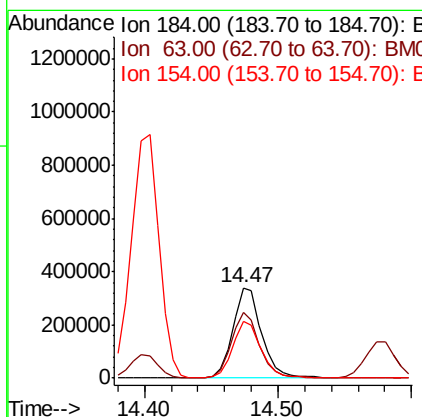
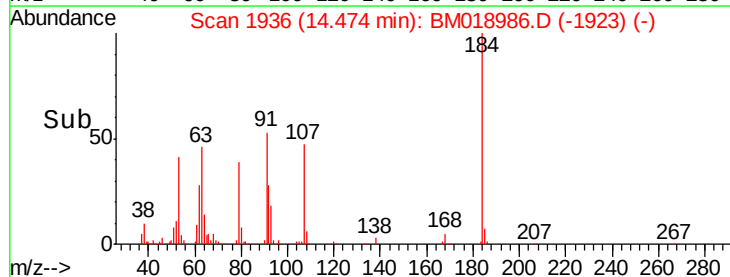
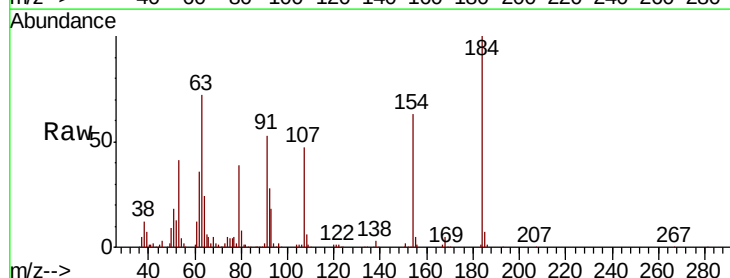
Manual Integrations
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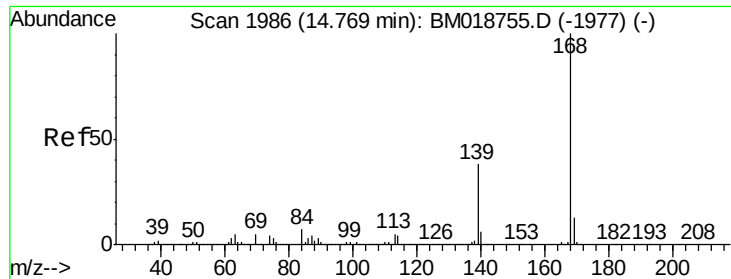
Sohil
3/4/2019 12:47:35 PM



#54
2,4-Dinitrophenol
Concen: 88.235 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.0	58.0	87.0
154	62.9	50.3	75.5





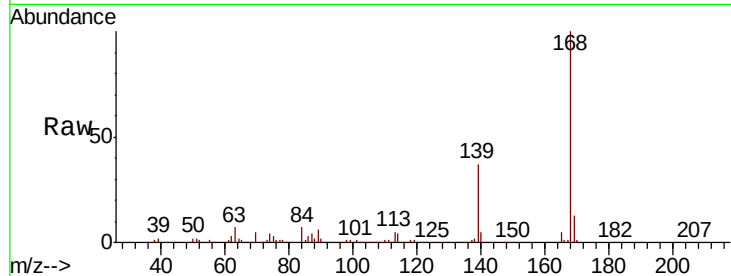
#55
Dibenzofuran
Concen: 42.613 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.7	46.1
169	13.4	10.3	15.5

Manual Integrations
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3/4/2019 12:47:35 PM

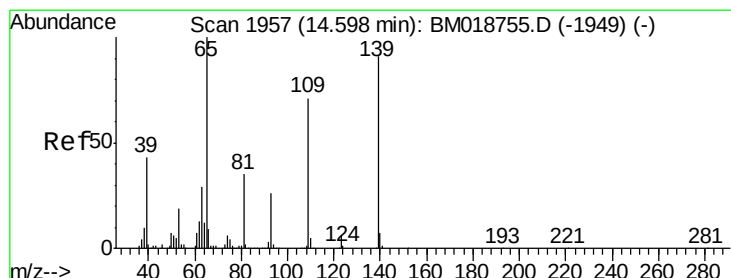
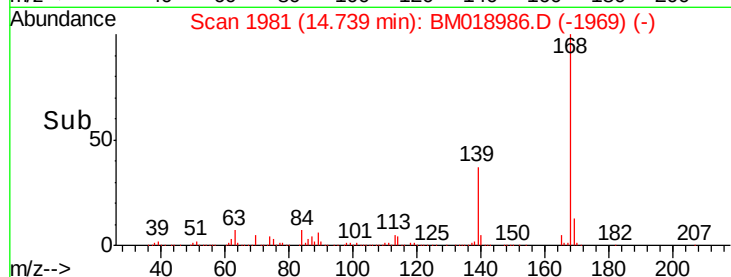
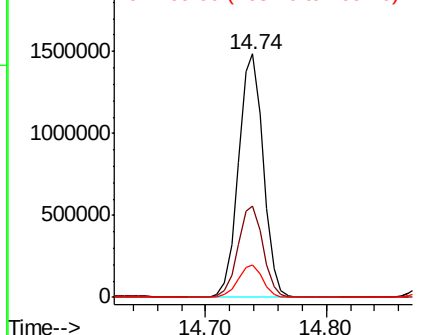


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 85.631 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

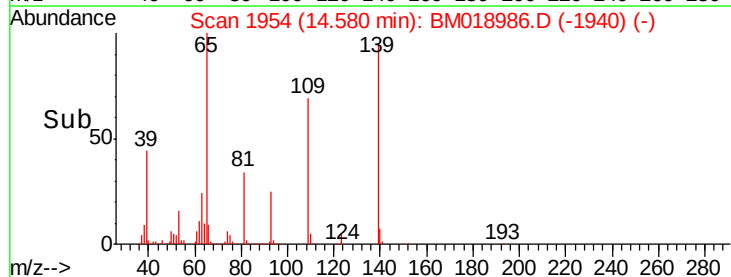
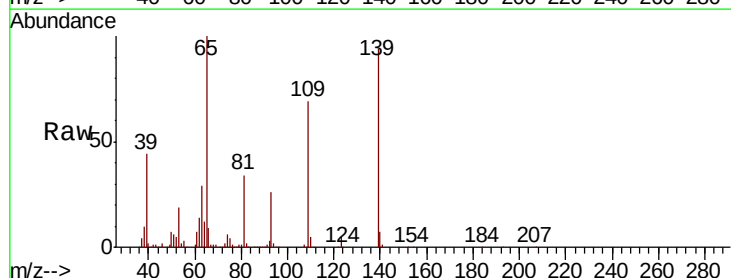
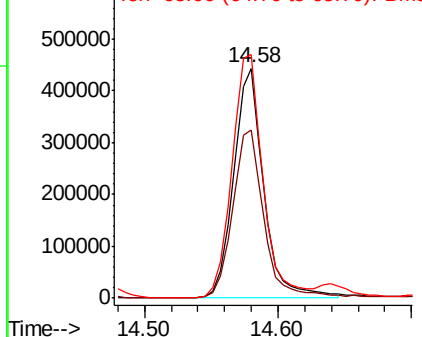
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	58.4	98.4
65	106.1	89.8	129.8

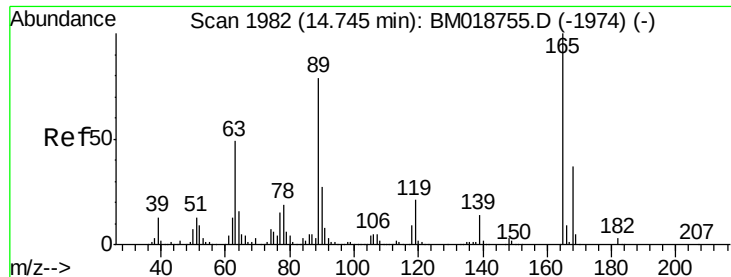
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





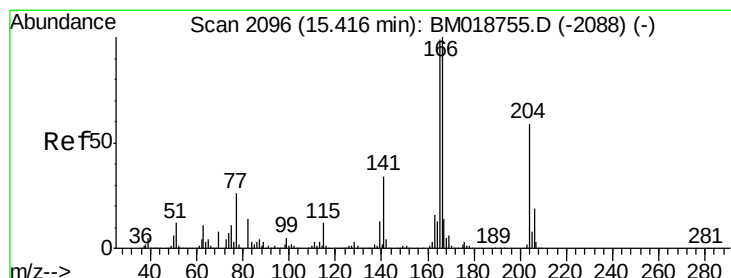
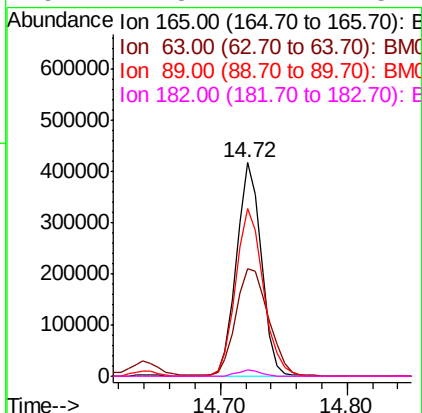
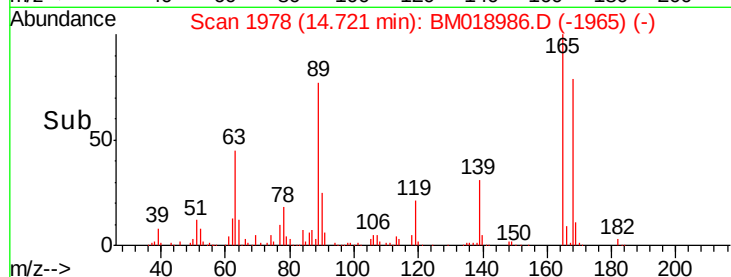
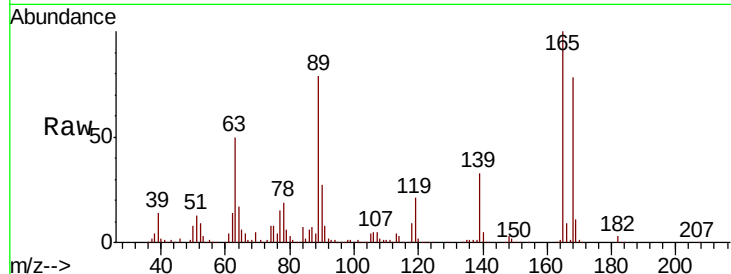
#57
 2,4-Dinitrotoluene
 Concen: 45.183 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		561778		
63	50.5	39.6	59.4		
89	78.8	63.5	95.3		
182	2.8	2.2	3.4		

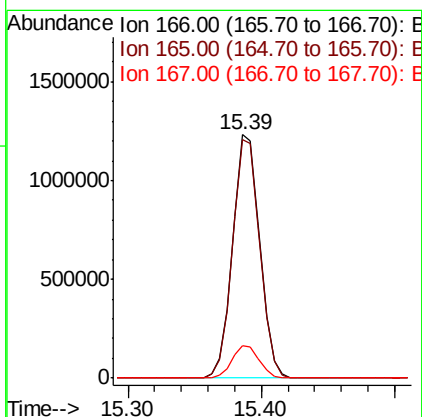
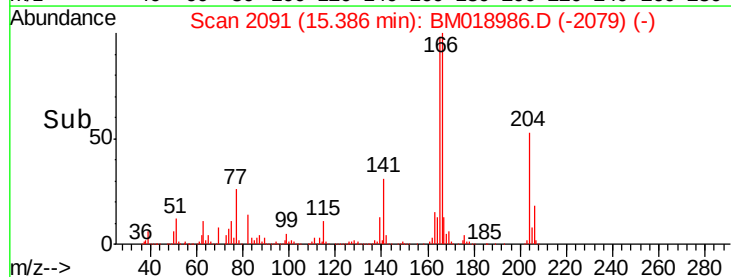
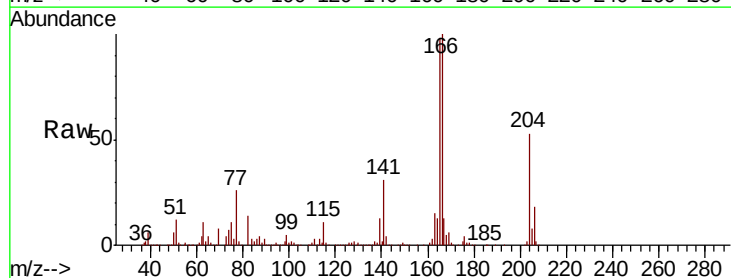
Manual Integrations
 APPROVED

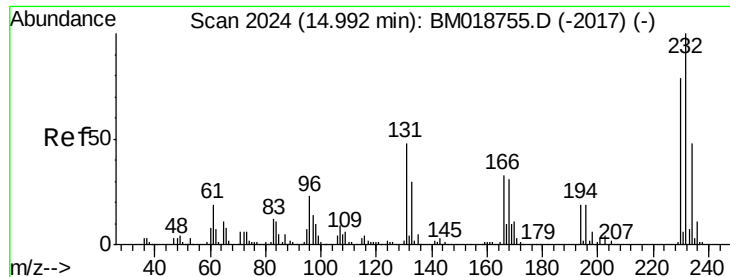
Sohil
 3/4/2019 12:47:35 PM



#58
 Fluorene
 Concen: 45.692 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1743337		
165	98.1	79.1	118.7		
167	13.5	11.0	16.4		





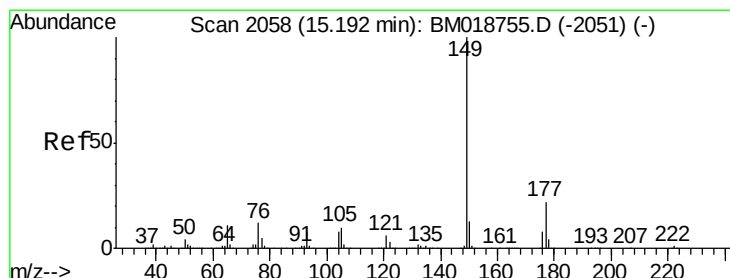
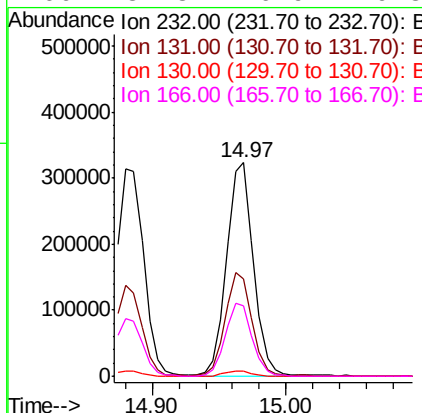
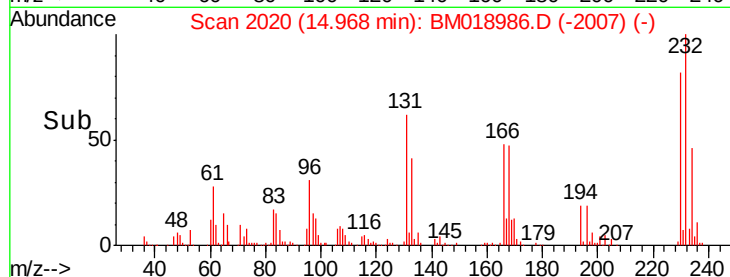
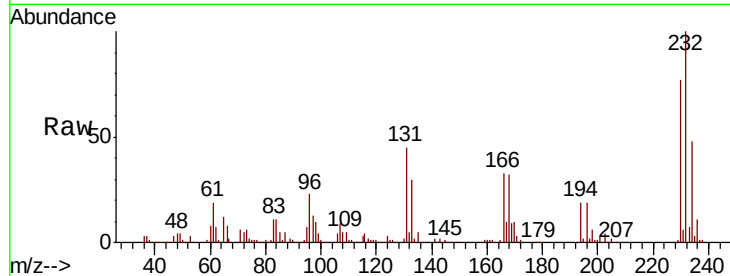
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.311 ng
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampled :
 PB117349BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	454159		
131	48.4		38.6	57.8
130	2.6		2.0	3.0
166	34.8		26.9	40.3

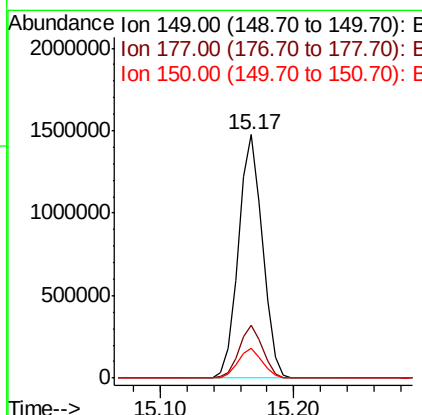
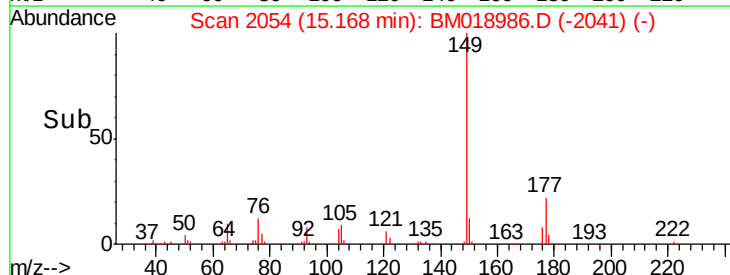
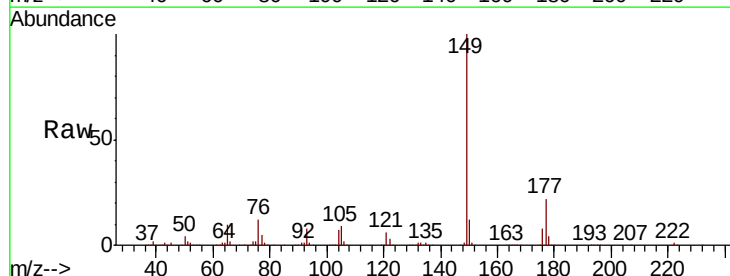
Manual Integrations
 APPROVED

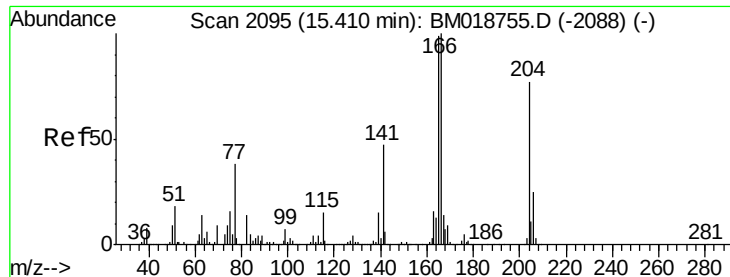
Sohil
 3/4/2019 12:47:35 PM



#60
 Diethylphthalate
 Concen: 42.798 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1839100		
177	21.7		17.2	25.8
150	12.3		10.2	15.2





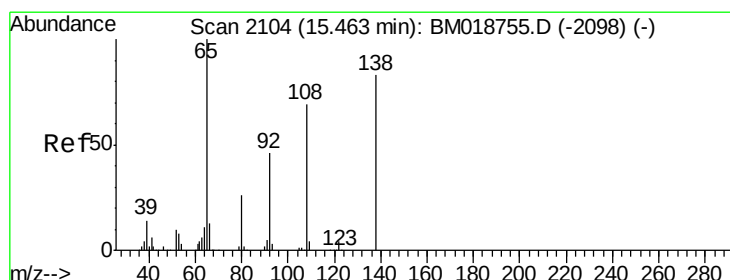
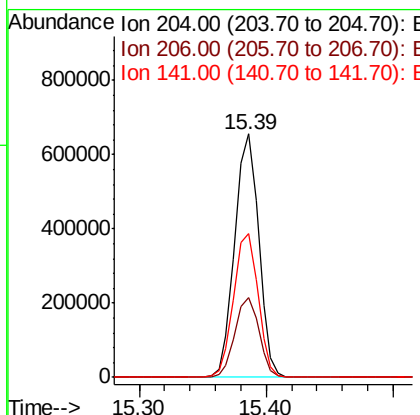
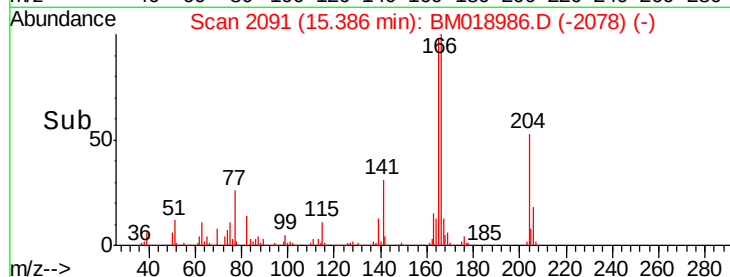
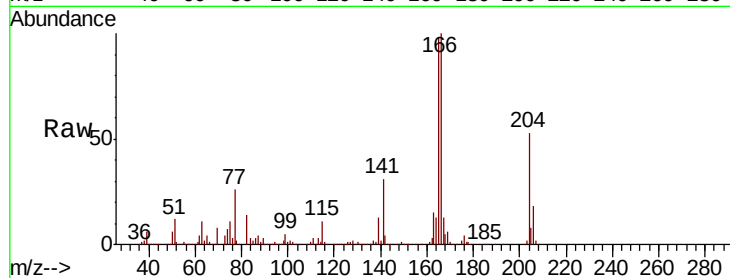
#61
4-Chlorophenyl-phenylether
Concen: 40.069 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	857161		
206	32.9	26.2	39.2	
141	58.8	49.2	73.8	

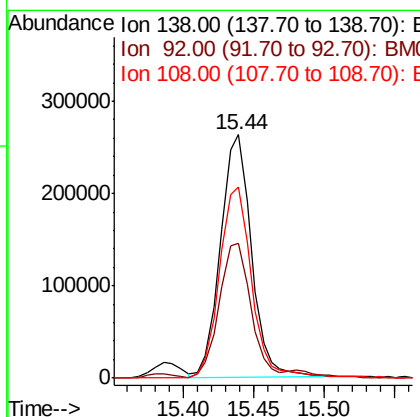
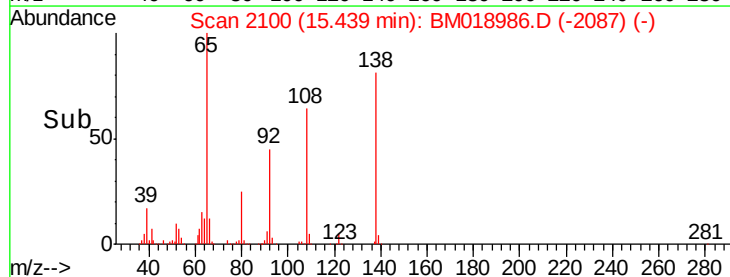
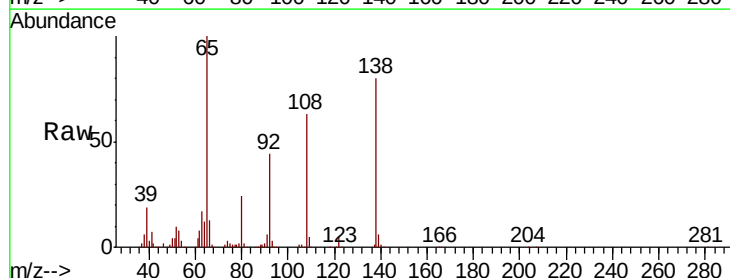
Manual Integrations
APPROVED

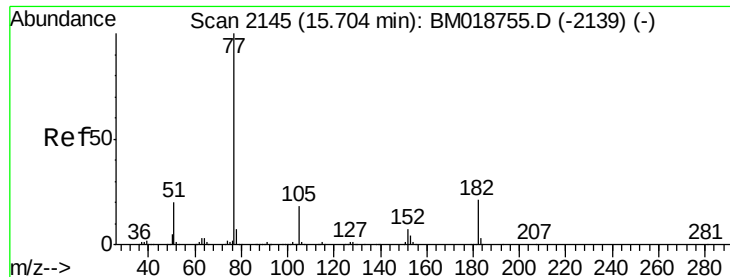
Sohil
3/4/2019 12:47:35 PM



#62
4-Nitroaniline
Concen: 40.112 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	400954		
92	55.3	35.5	75.5	
108	78.3	62.4	102.4	





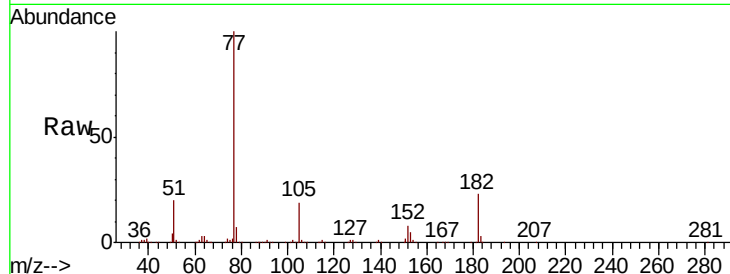
#63
Azobenzene
Concen: 42.740 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.6	1.0	41.0	
105	18.5	0.0	37.7	
51	20.5	0.3	40.3	

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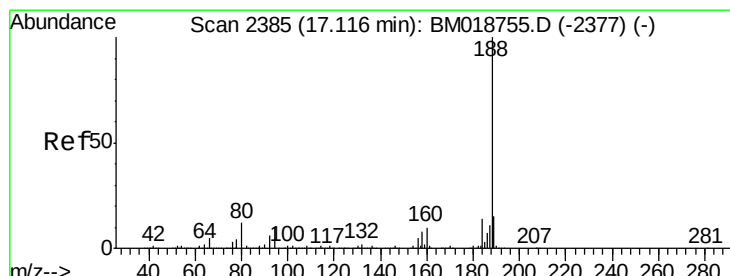
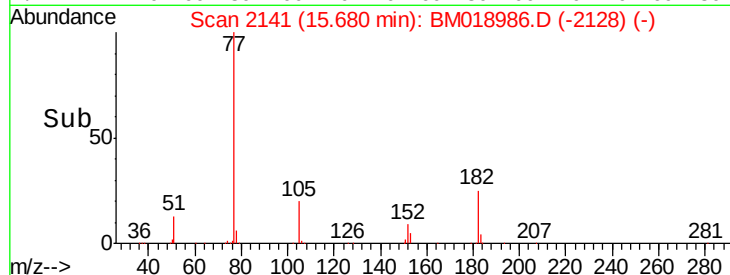
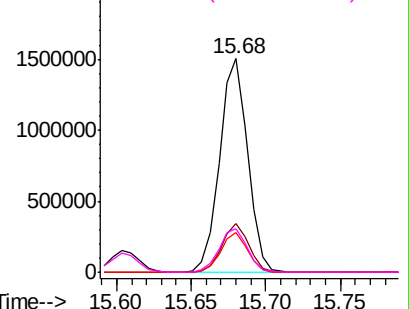


Abundance Ion 77.00 (76.70 to 77.70): BM018986.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018986.D (-2128) (-)



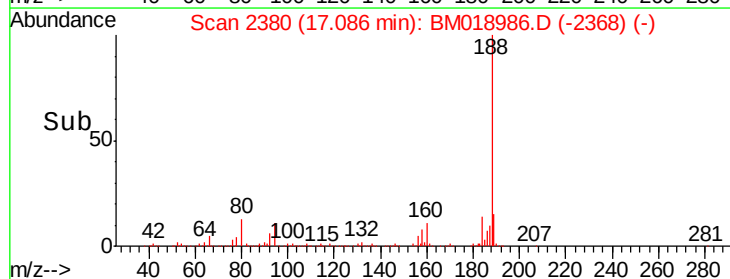
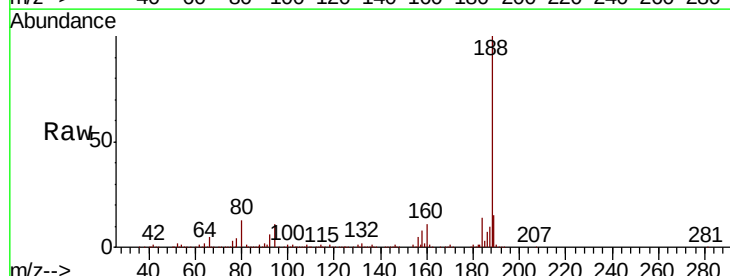
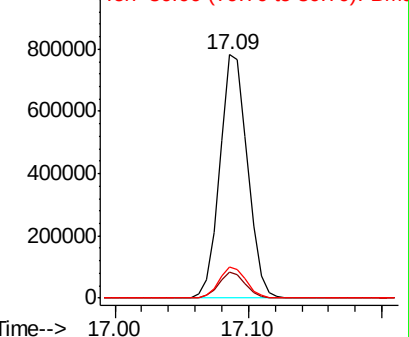
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

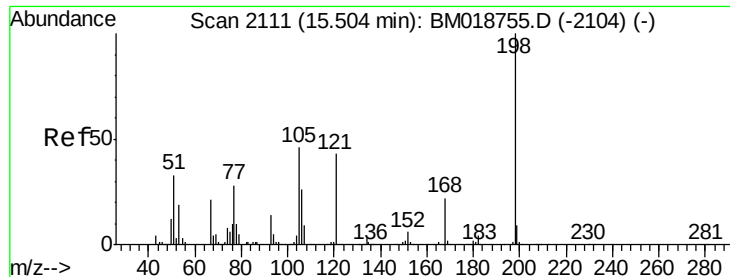
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.7	8.2	12.2	
80	12.9	9.7	14.5	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018986.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018986.D (-2368) (-)





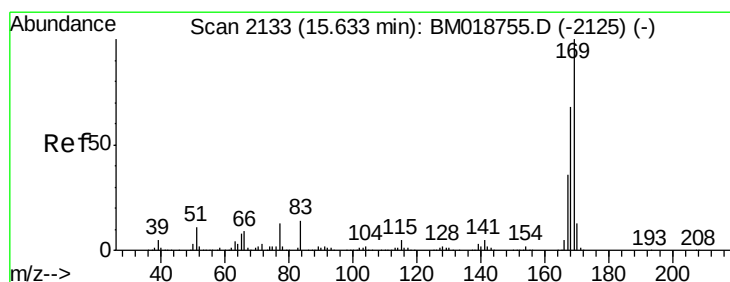
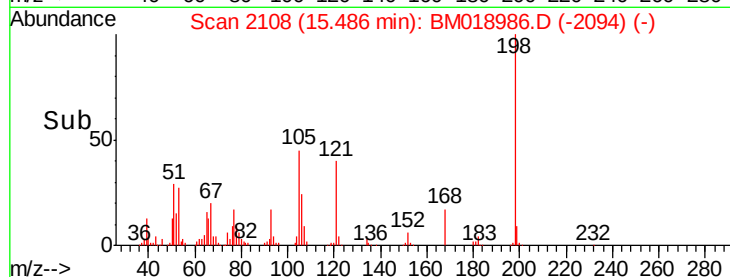
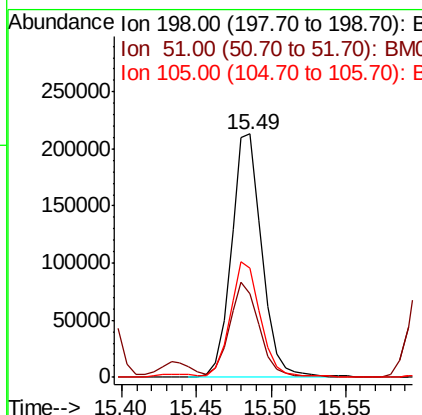
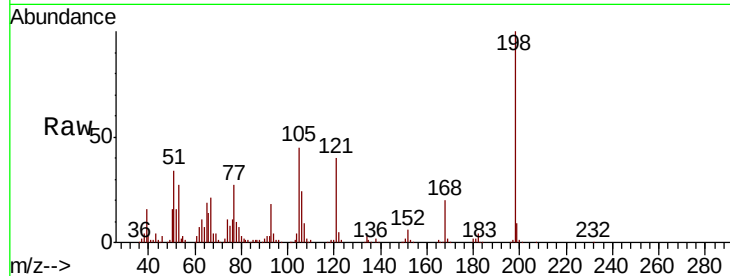
#65
4,6-Dinitro-2-methylphenol
Concen: 38.425 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :
PB117349BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.4	18.4	58.4
105	44.8	27.2	67.2

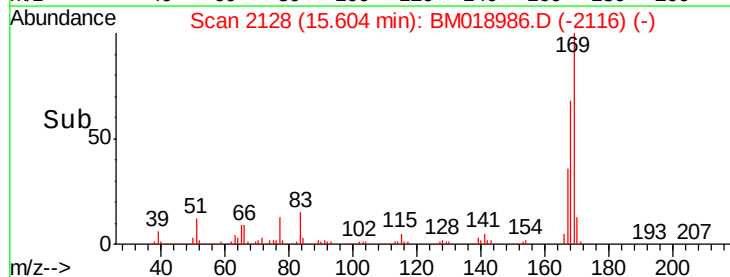
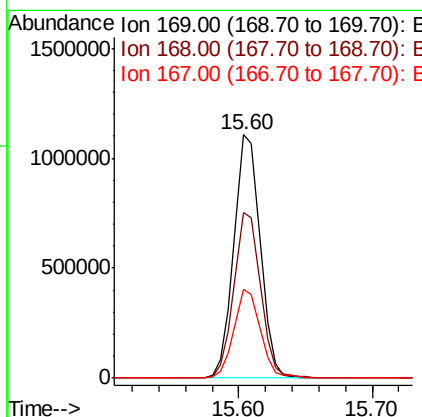
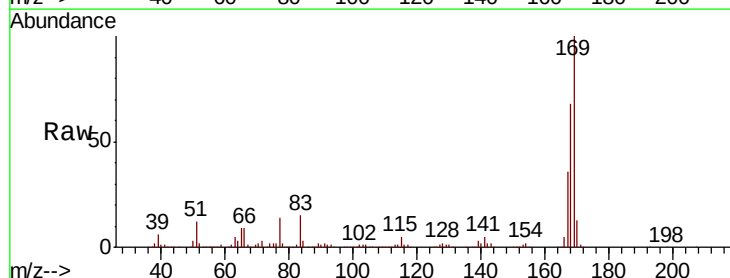
Manual Integrations
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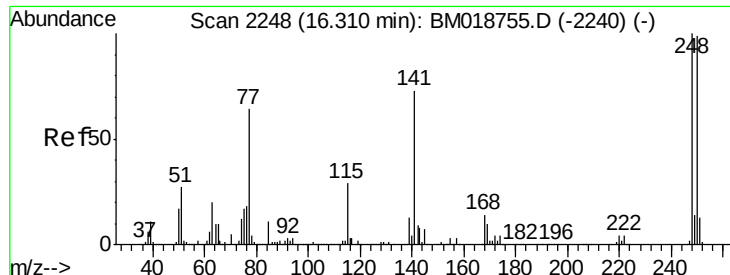
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 43.011 ng
RT: 15.60 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	36.4	29.0	43.6





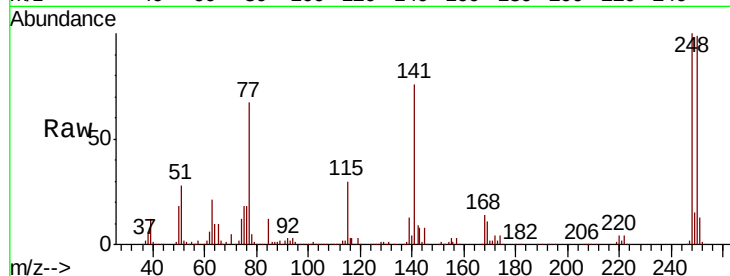
#67
4-Bromophenyl-phenylether
Concen: 40.277 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :
PB117349BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.0	118.6
141	75.9	58.6	88.0

Manual Integrations
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3/4/2019 12:47:35 PM

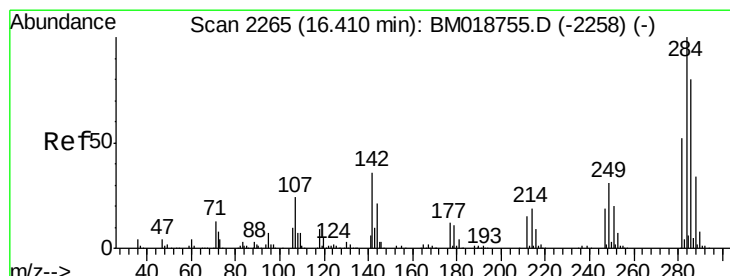
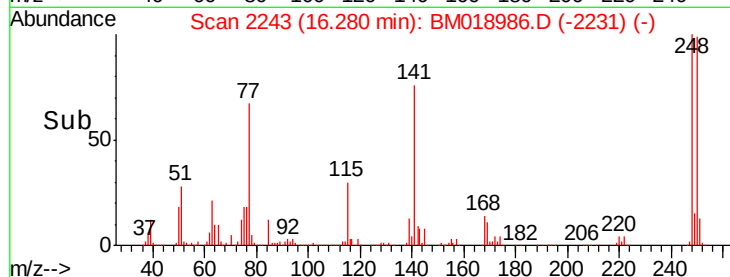
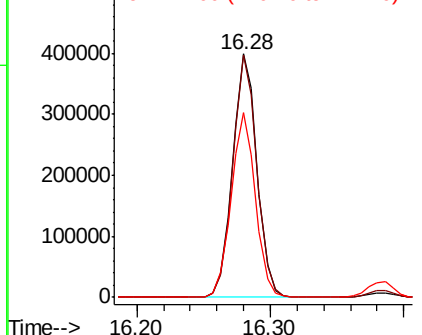


Abundance

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: 40.222 ng
RT: 16.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

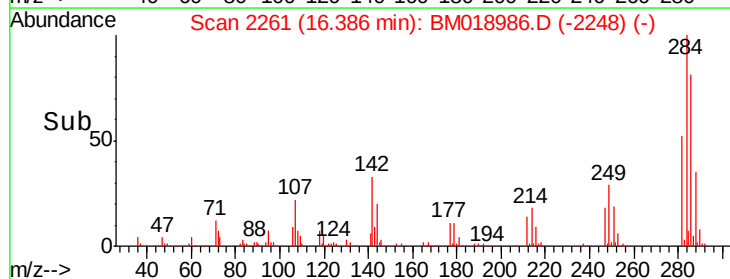
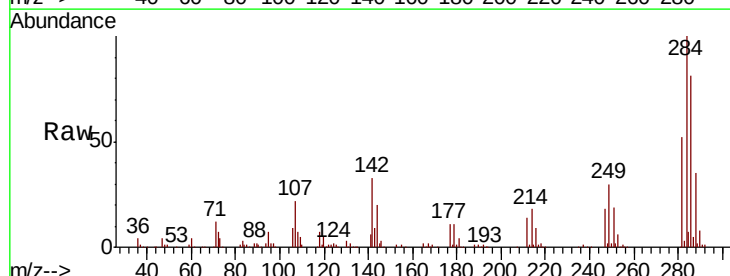
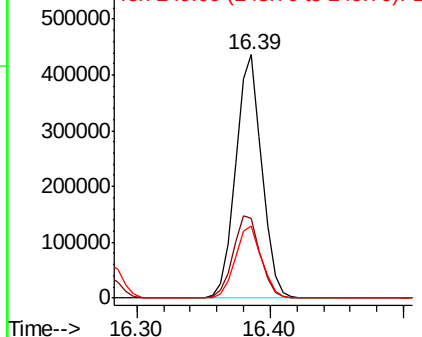
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	28.9	43.3
249	29.6	24.8	37.2

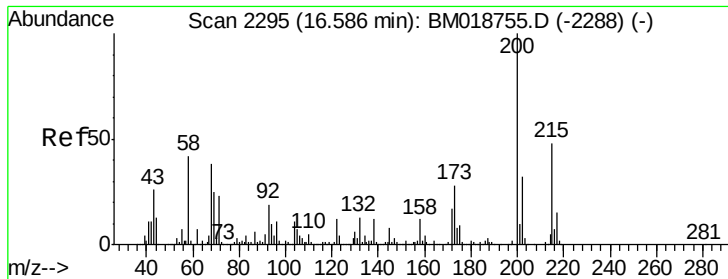
Abundance

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





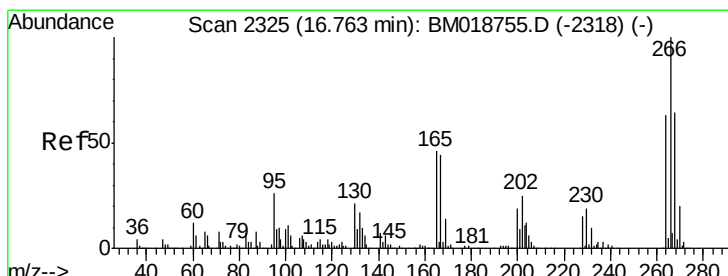
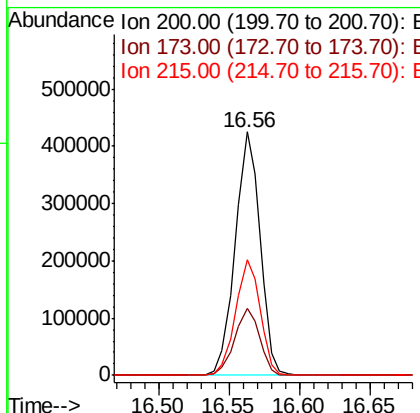
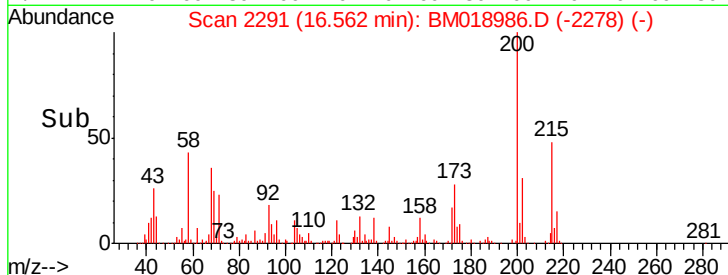
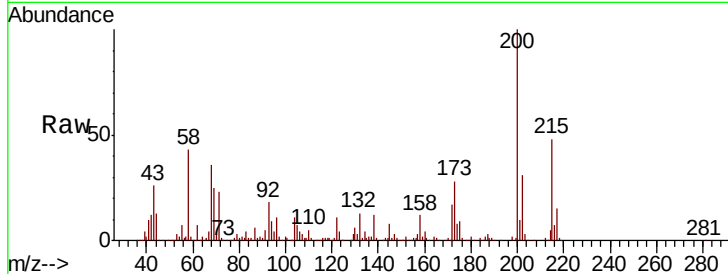
#69
 Atrazine
 Concen: 45.587 ng
 RT: 16.56 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampled :
 PB117349BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	523668		
173	27.6	7.6	47.6	
215	47.7	27.6	67.6	

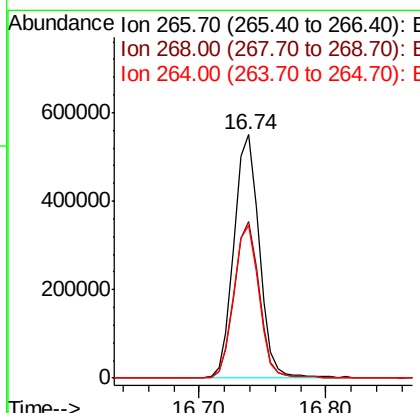
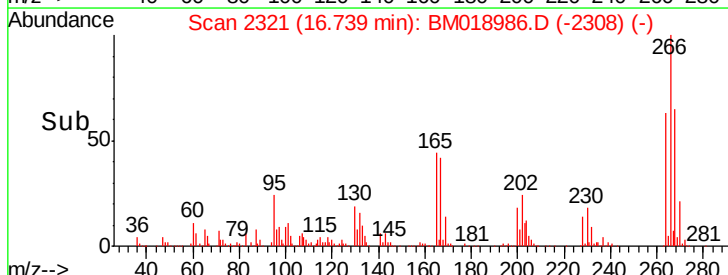
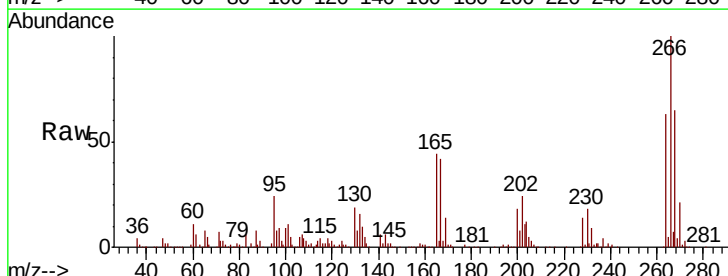
Manual Integrations
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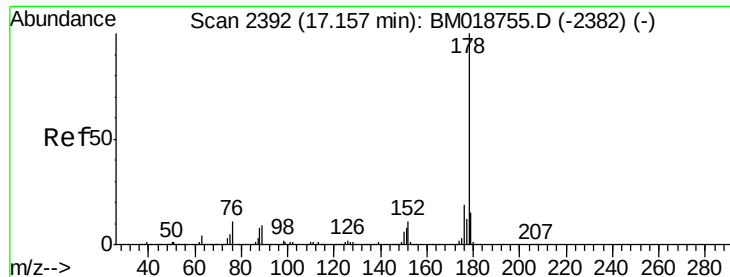
Sohil
 3/4/2019 12:47:35 PM



#70
 Pentachlorophenol
 Concen: 80.329 ng
 RT: 16.74 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	758929		
268	64.6	51.3	76.9	
264	62.6	50.6	75.8	





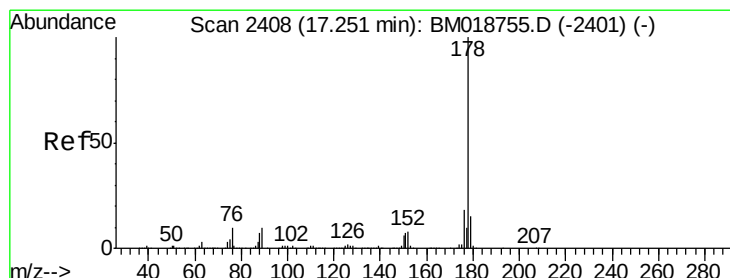
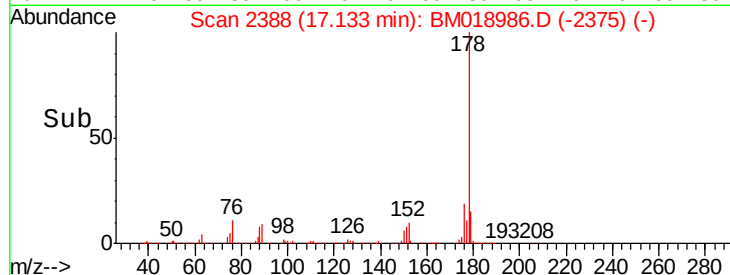
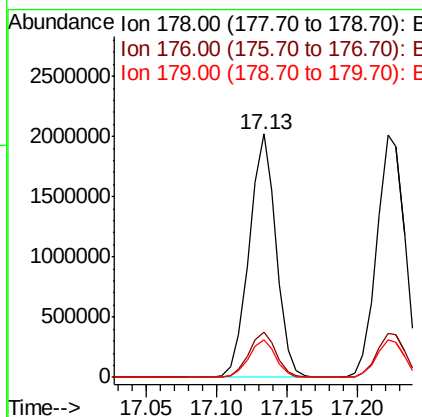
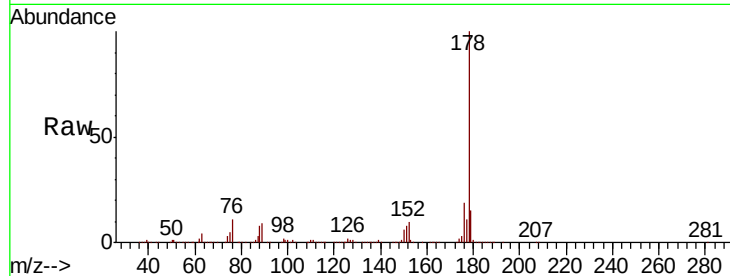
#71
Phenanthrene
Concen: 44.544 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :
PB117349BS

Tot Ion:178 Resp: 2699812
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 12.3 18.5

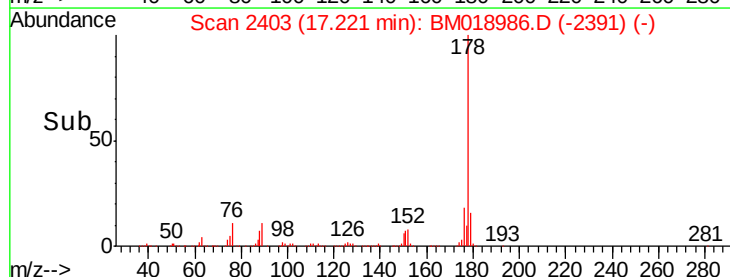
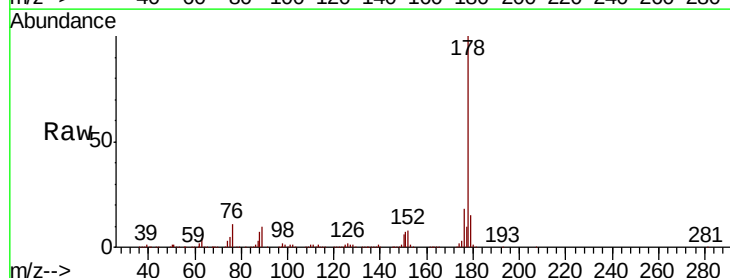
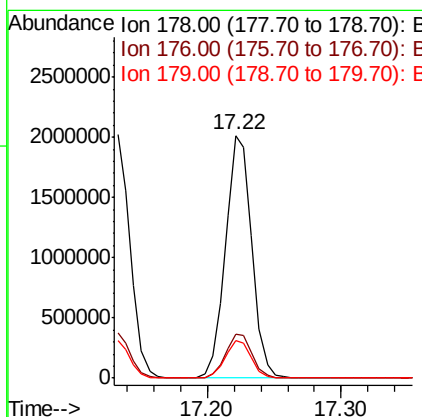
Manual Integrations
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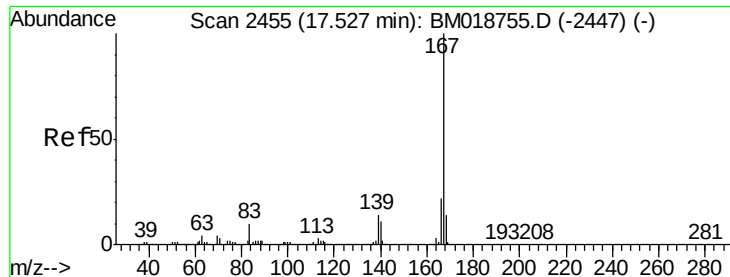
Sohil
3/4/2019 12:47:35 PM



#72
Anthracene
Concen: 46.991 ng
RT: 17.22 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion:178 Resp: 2772125
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.1 18.1





#73

Carbazole

Concen: 40.944 ng

RT: 17.50 min Scan# 2451

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

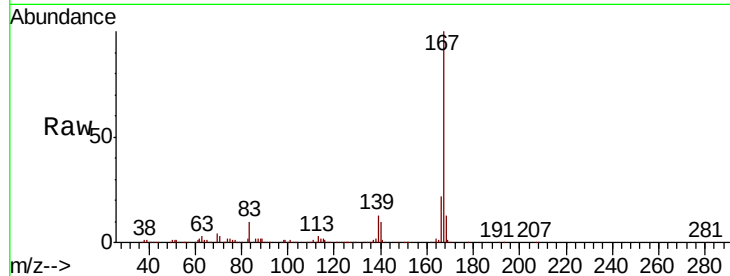
ClientSampleId :

PB117349BS

Tot Ion:	167	Resp:	2523518
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.0	10.9	16.3

Manual Integrations
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Sohil
3/4/2019 12:47:35 PM

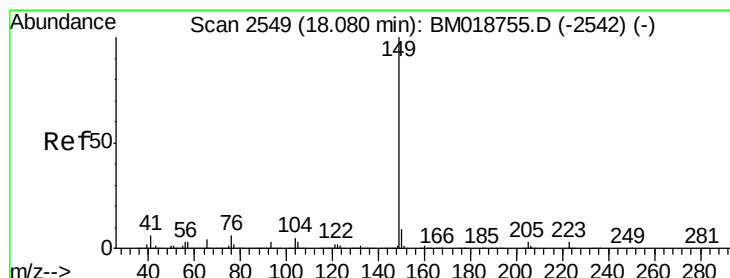
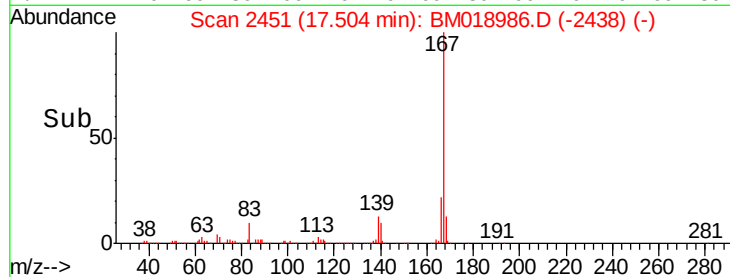
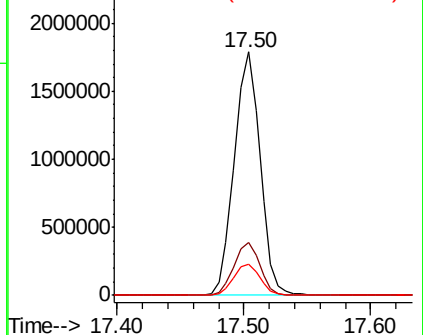


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.083 ng

RT: 18.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

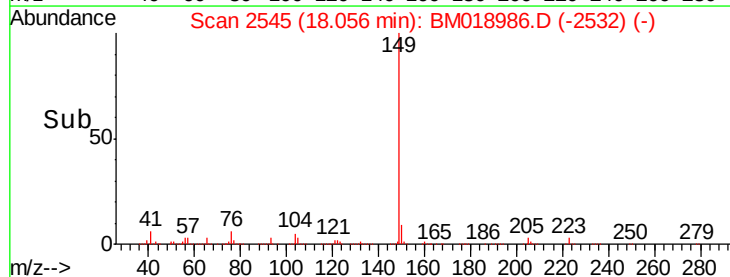
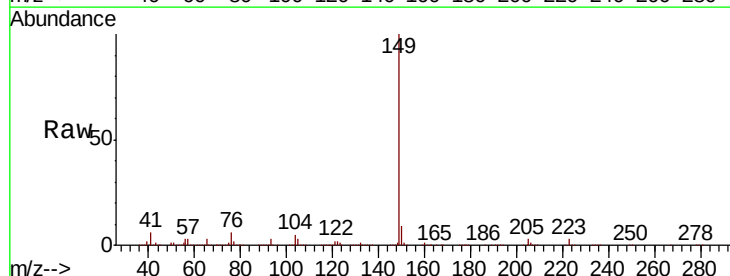
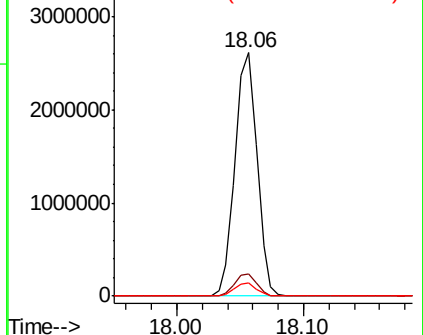
Tgt Ion:	149	Resp:	3124764
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.3	6.5

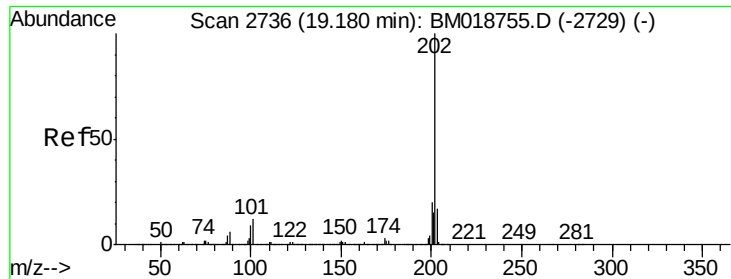
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.803 ng

RT: 19.16 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

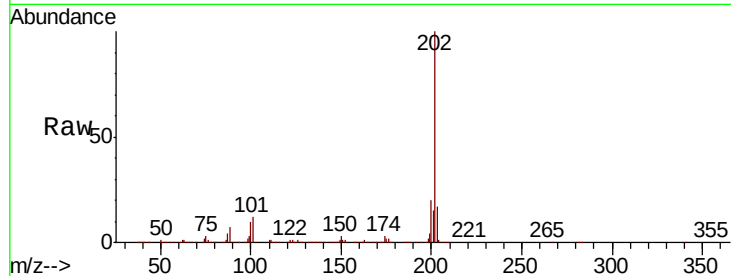
ClientSampleId :

PB117349BS

Tot Ion:	202	Resp:	3066698
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
203	17.1	0.0	37.3

Manual Integrations
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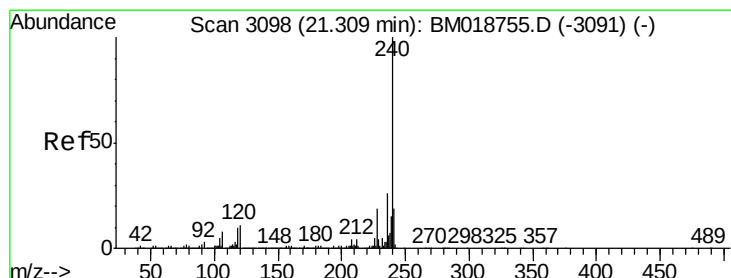
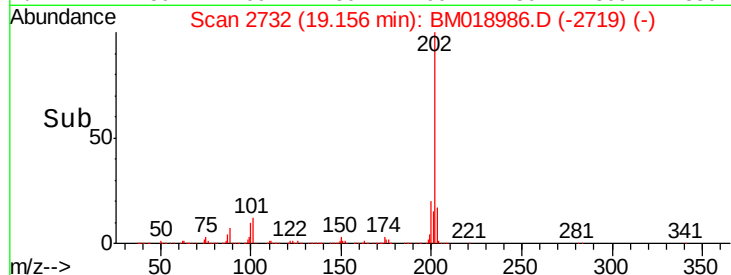
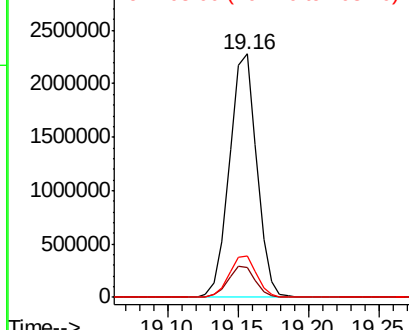


Abundance

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: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

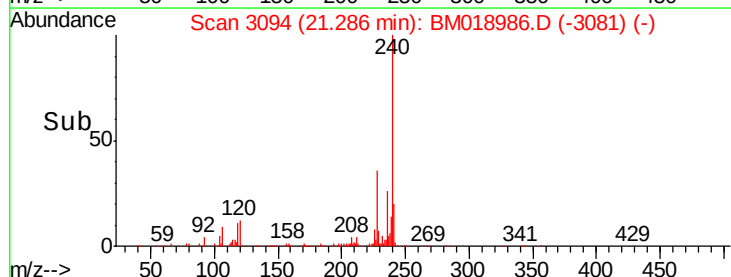
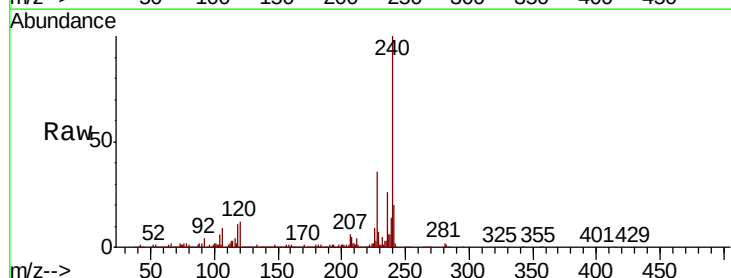
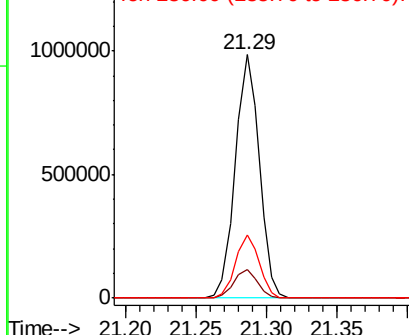
Tgt Ion:	240	Resp:	1167256
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.9	20.9	31.3

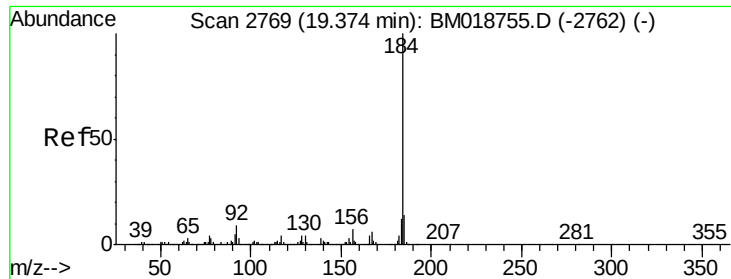
Abundance

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





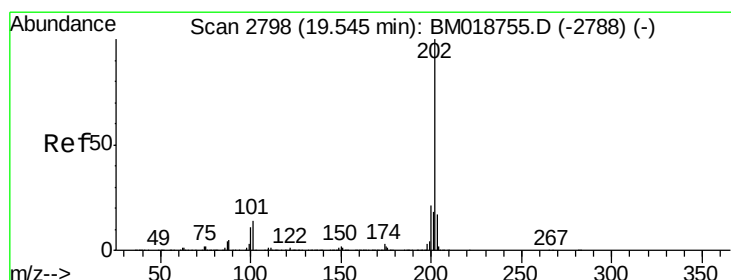
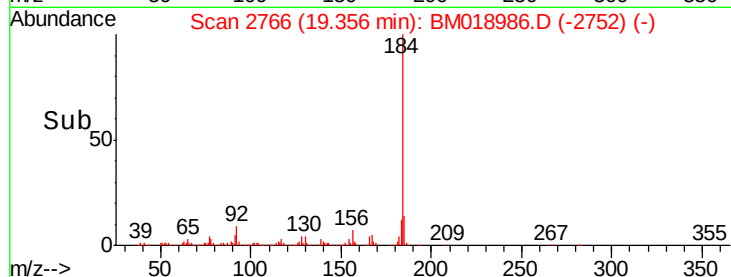
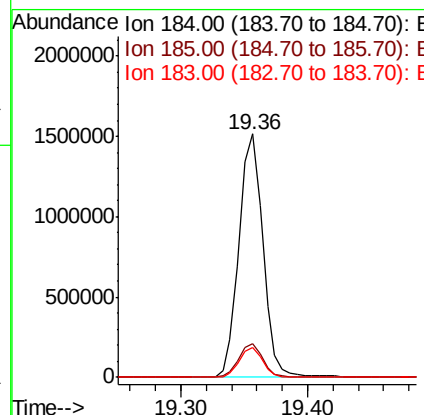
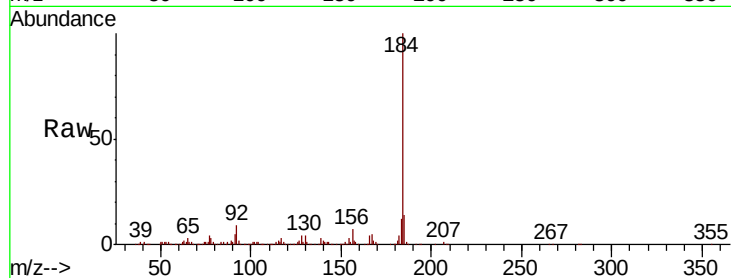
#77
Benzidine
Concen: 75.514 ng
RT: 19.36 min Scan# 2766
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	12.2	9.7	14.5

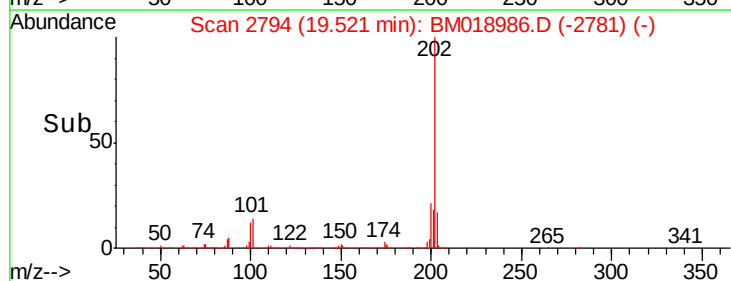
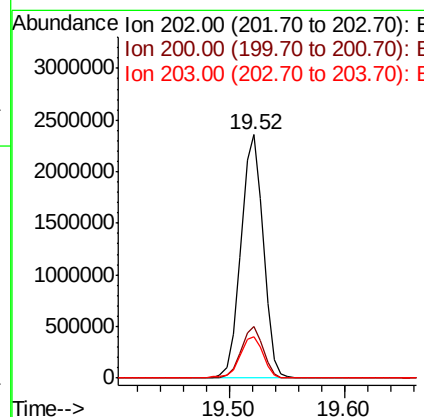
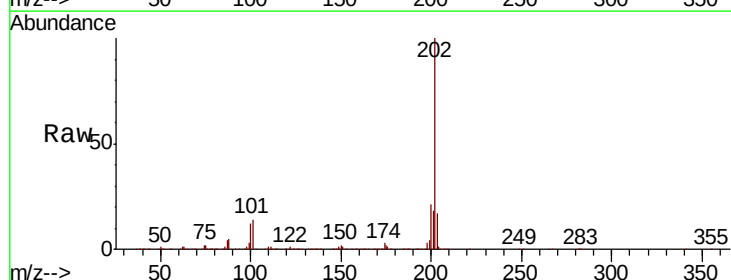
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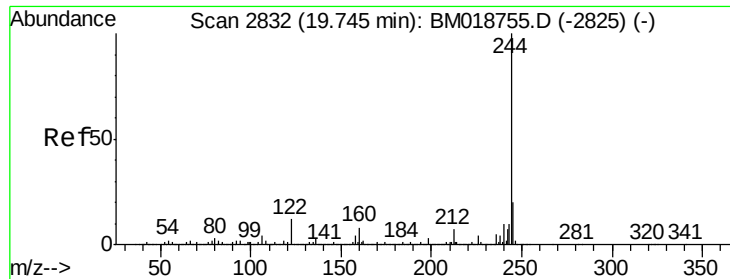
Sohil
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#78
Pyrene
Concen: 46.454 ng
RT: 19.52 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.2	13.8	20.8





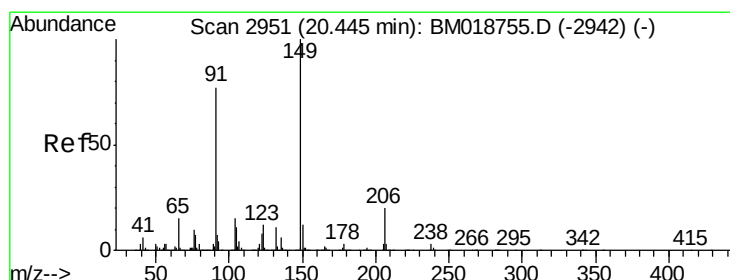
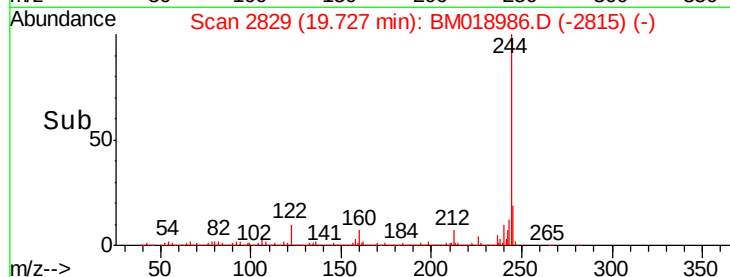
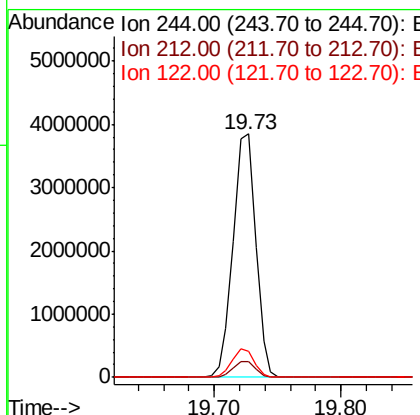
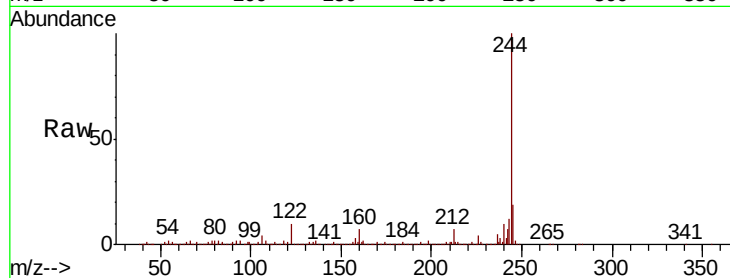
#79
 Terphenyl-d14
 Concen: 84.141 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampleID :
 PB117349BS

Tot Ion:244 Resp: 4760959
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.5 9.3 13.9

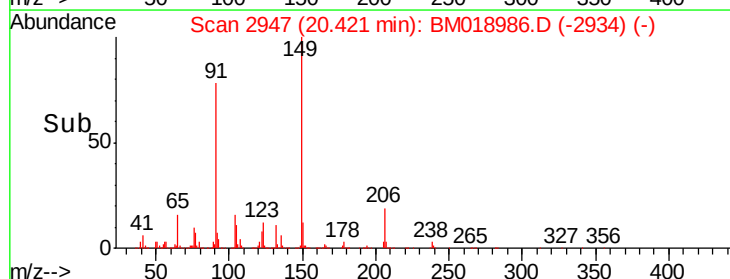
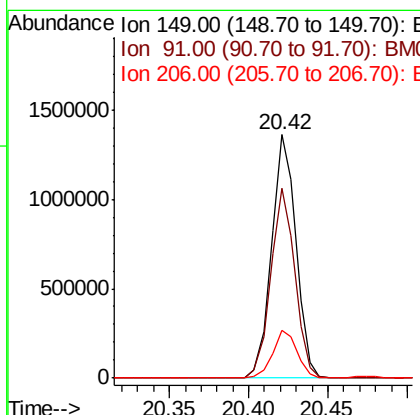
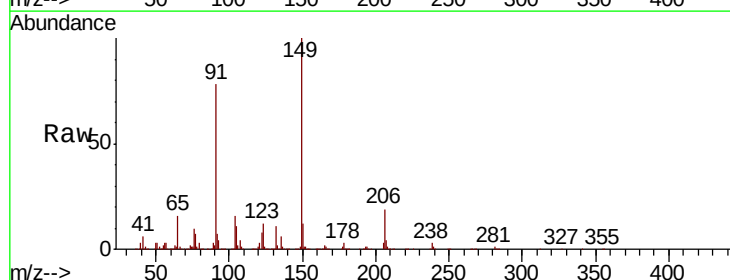
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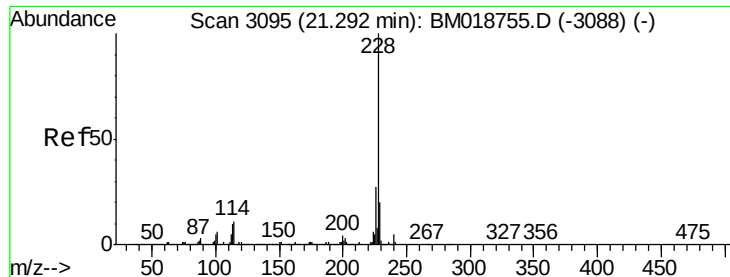
Sohil
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#80
 Butylbenzylphthalate
 Concen: 47.378 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.02 min
 Lab File: BM018986.D
 Acq: 01 Mar 2019 14:44

Tgt Ion:149 Resp: 1463785
 Ion Ratio Lower Upper
 149 100
 91 78.2 61.4 92.0
 206 19.5 15.8 23.8





#81

Benzo(a)anthracene

Concen: 43.595 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117349BS

Tot Ion:228 Resp: 2966294

Ion Ratio Lower Upper

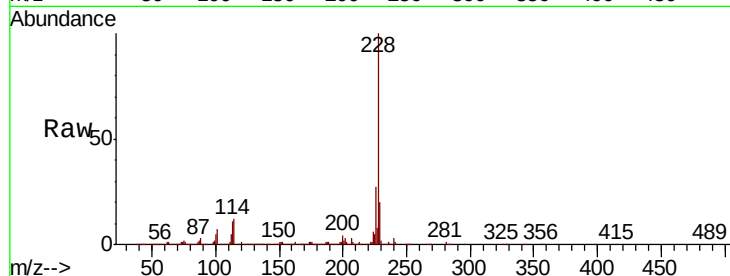
228 100

226 27.0 21.9 32.9

229 19.8 15.9 23.9

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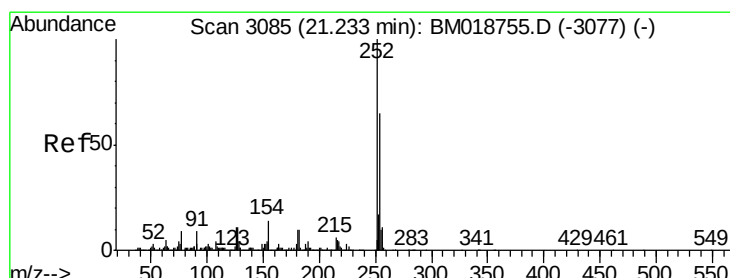
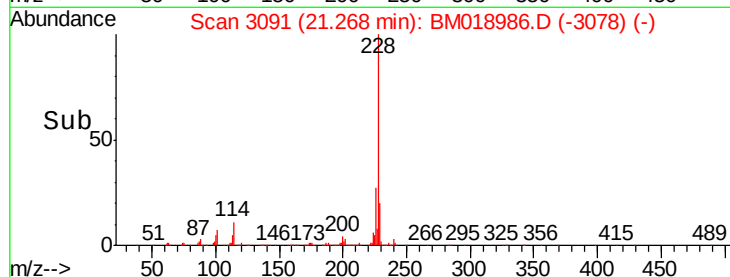
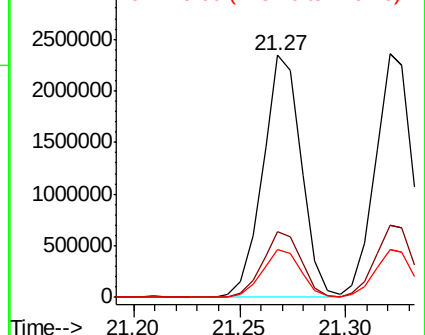


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.041 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tgt Ion:252 Resp: 754047

Ion Ratio Lower Upper

252 100

254 63.9 51.8 77.8

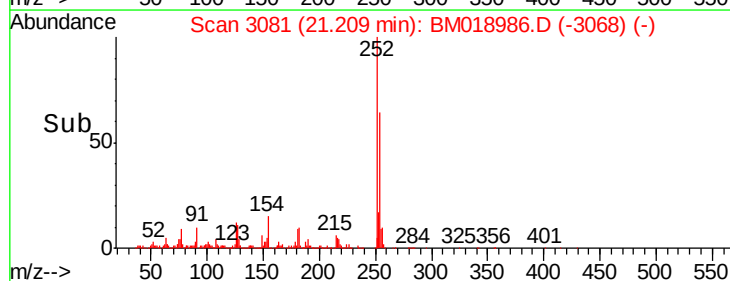
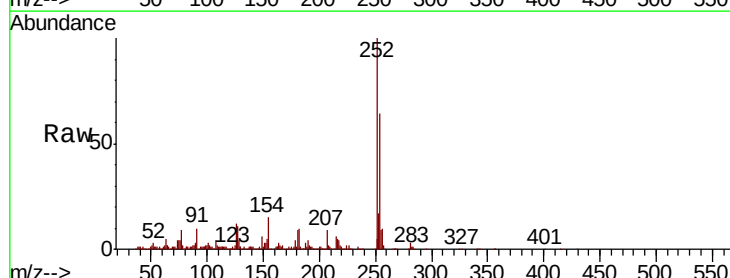
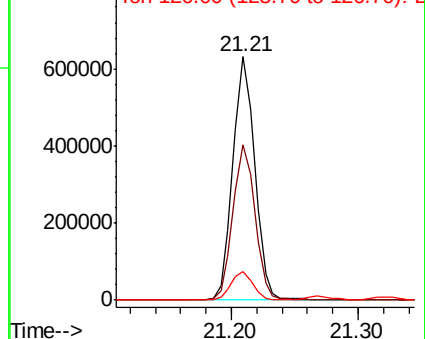
126 11.7 9.1 13.7

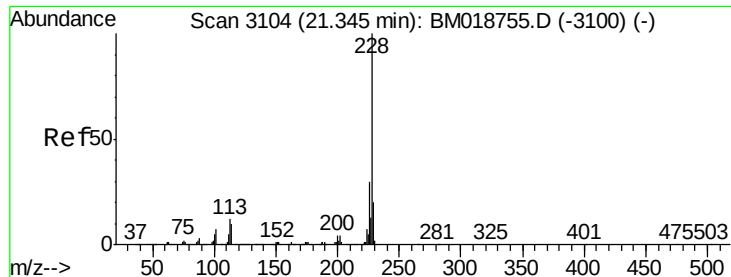
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





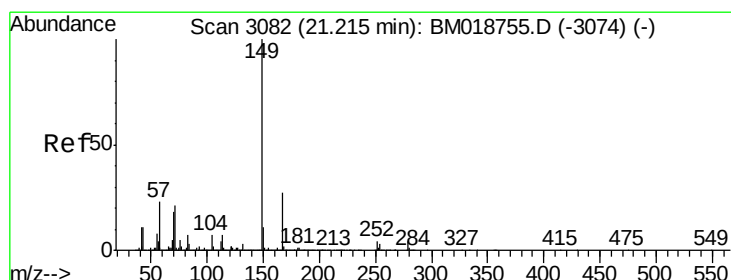
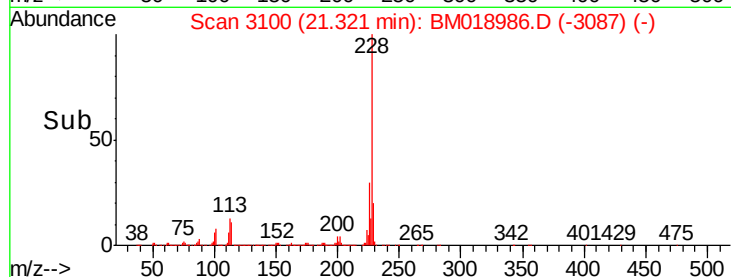
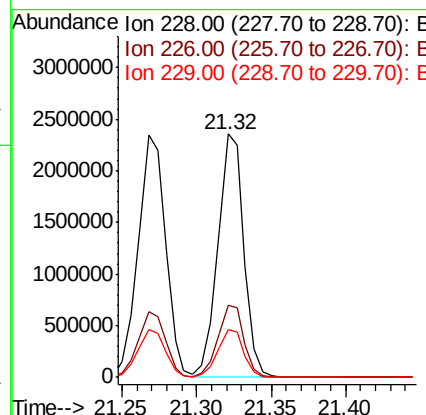
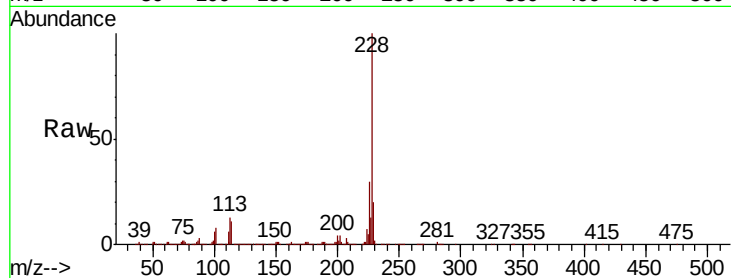
#83
Chrysene
Concen: 43.736 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.9	16.0	24.0

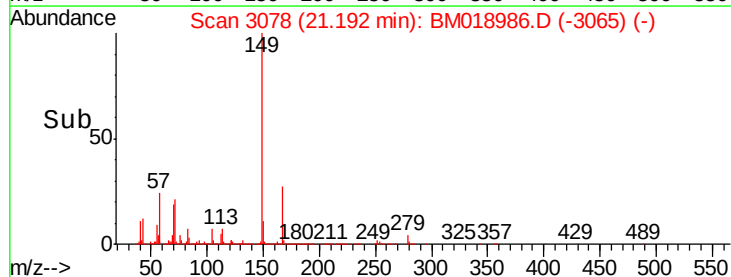
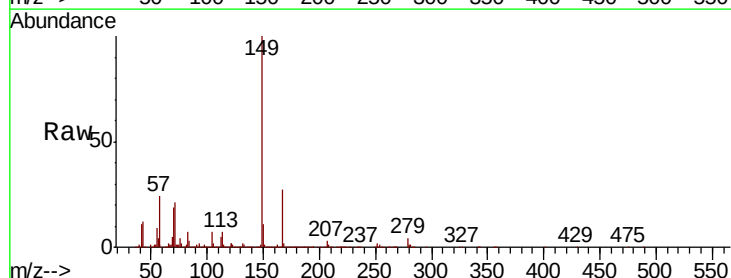
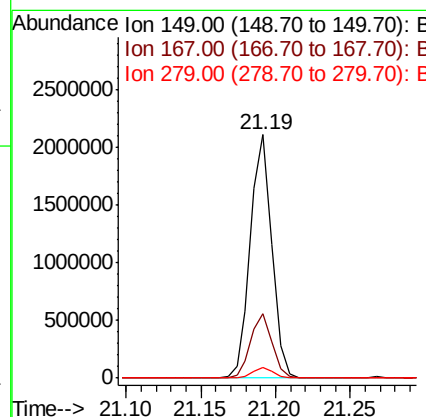
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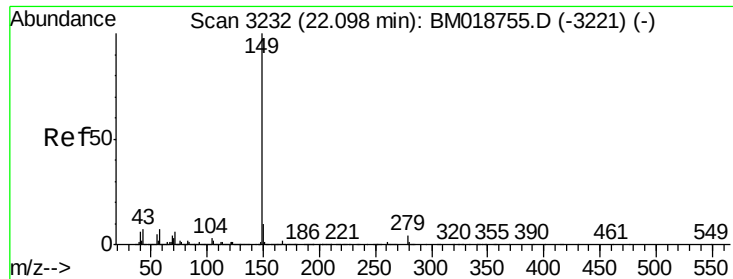
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.242 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.6
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.214 ng

RT: 22.07 min Scan# 3228

Delta R.T. -0.02 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

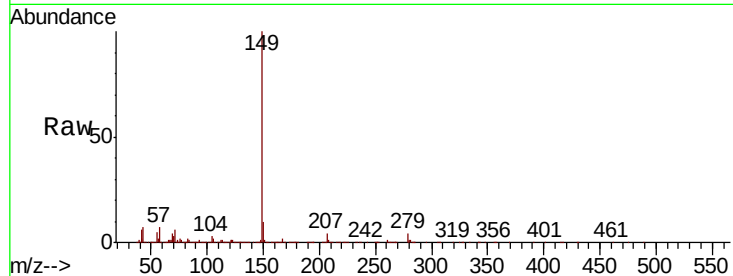
ClientSampleId :

PB117349BS

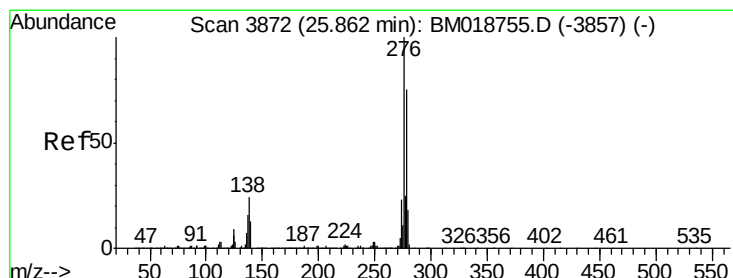
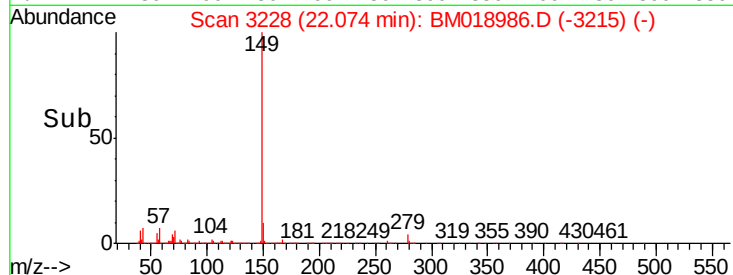
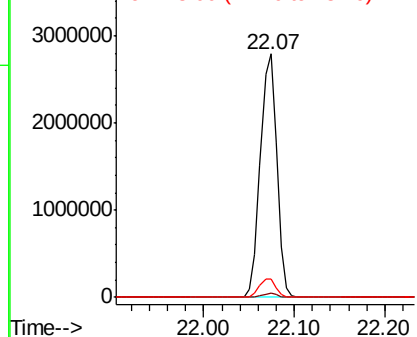
Tot Ion:	149	Resp:	3512290
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.456 ng

RT: 25.81 min Scan# 3863

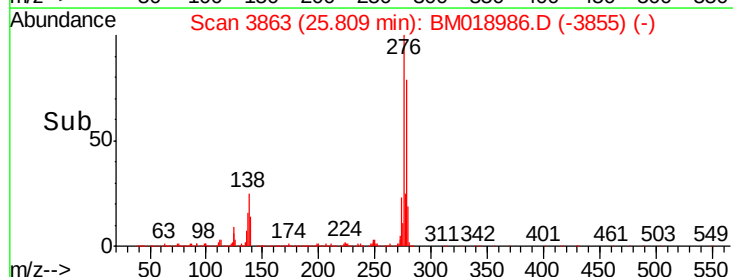
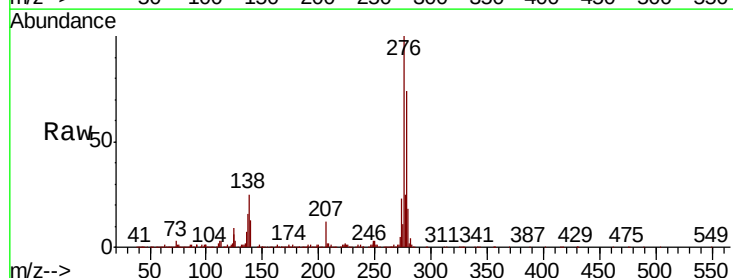
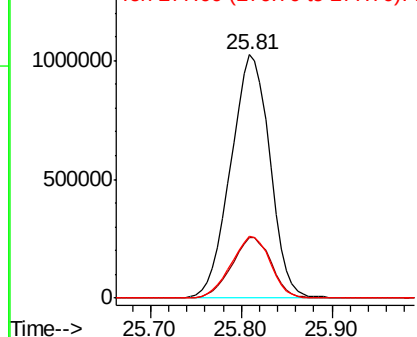
Delta R.T. -0.05 min

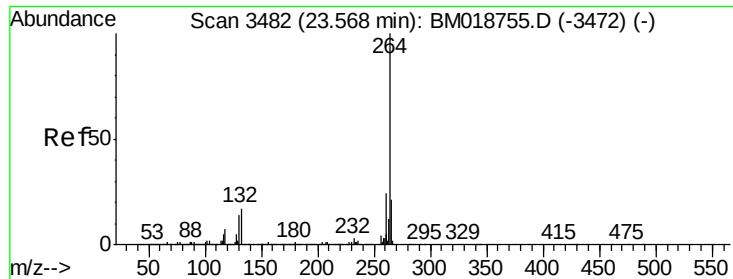
Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tgt Ion:	276	Resp:	3046140
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
277	25.4	20.3	30.5

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Instrument :

BNA_M

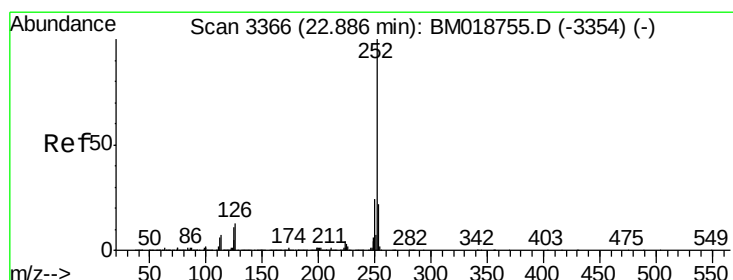
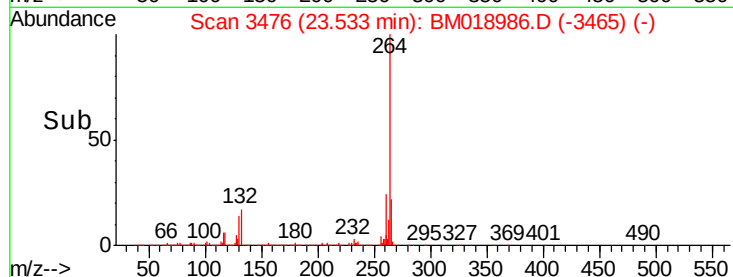
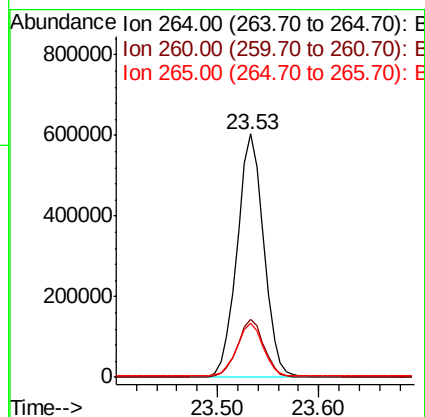
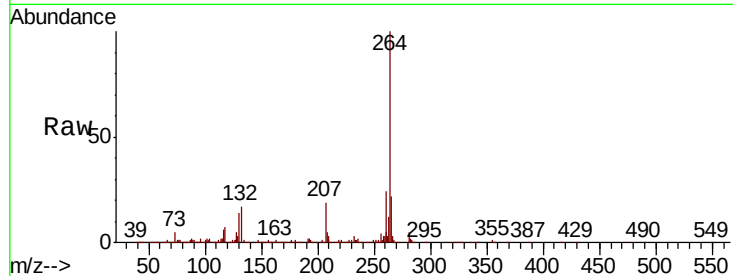
ClientSampleId :

PB117349BS

Tot Ion:	264	Resp:	1104522
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	22.3	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.279 ng

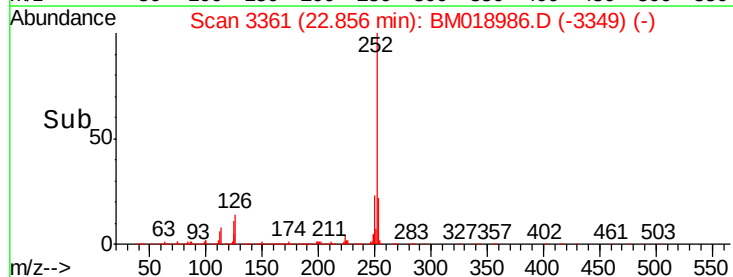
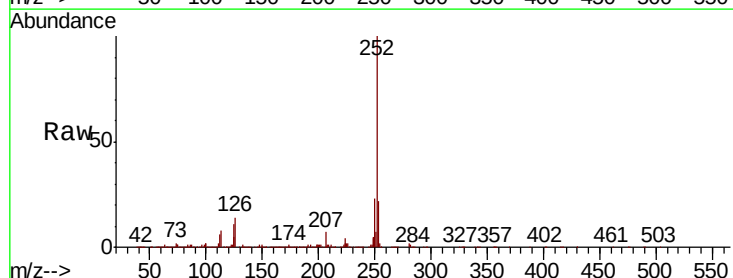
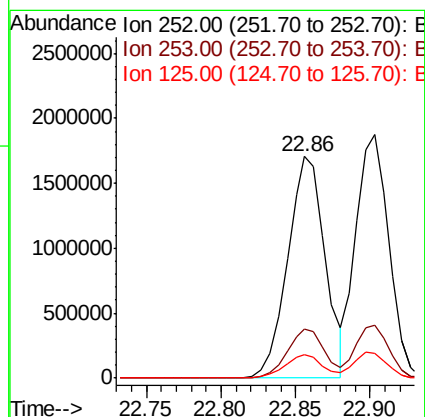
RT: 22.86 min Scan# 3361

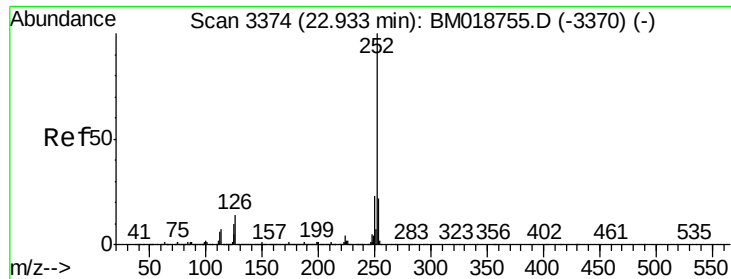
Delta R.T. -0.03 min

Lab File: BM018986.D

Acq: 01 Mar 2019 14:44

Tgt Ion:	252	Resp:	2987774
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.5	8.6	12.8





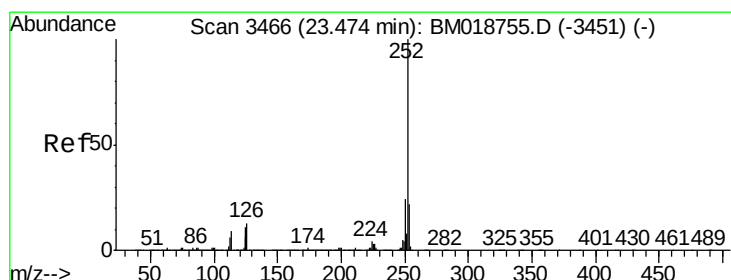
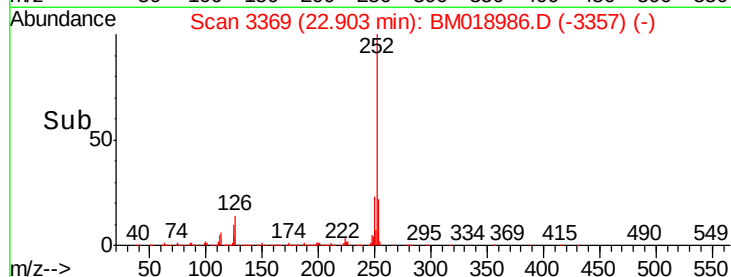
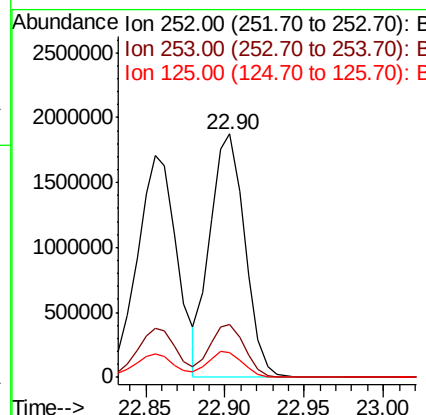
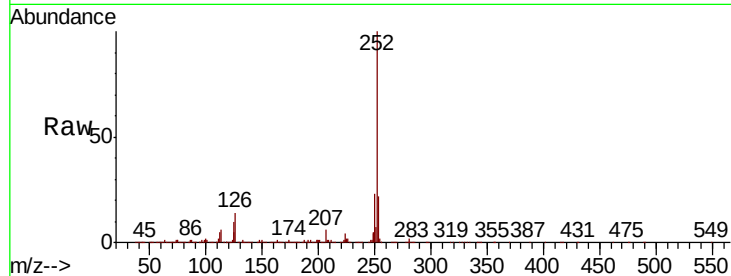
#89
Benzo(k)fluoranthene
Concen: 45.452 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.2	8.2	12.4

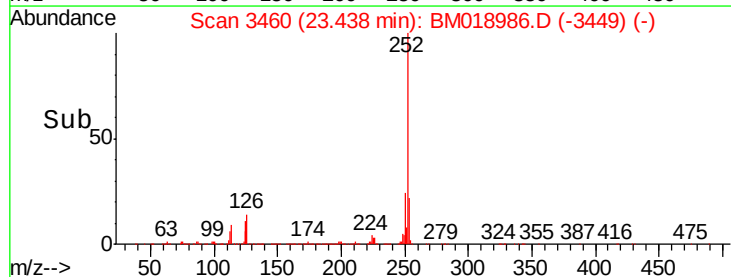
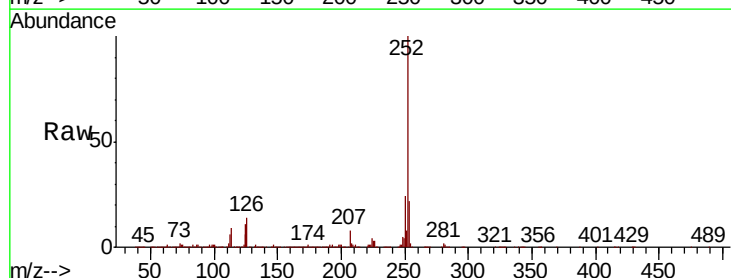
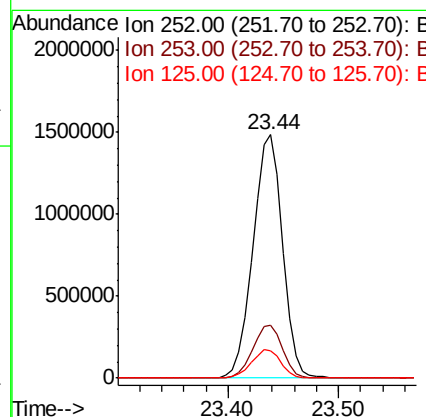
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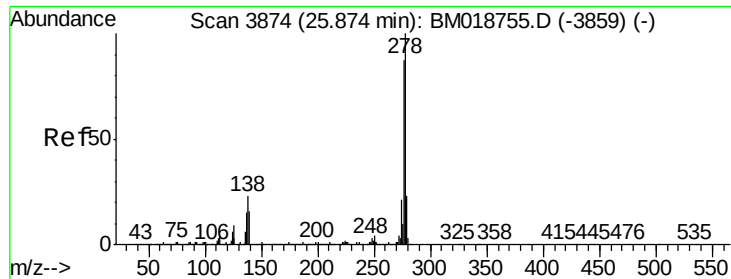
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#90
Benzo(a)pyrene
Concen: 46.565 ng
RT: 23.44 min Scan# 3460
Delta R.T. -0.04 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.2	8.6	13.0





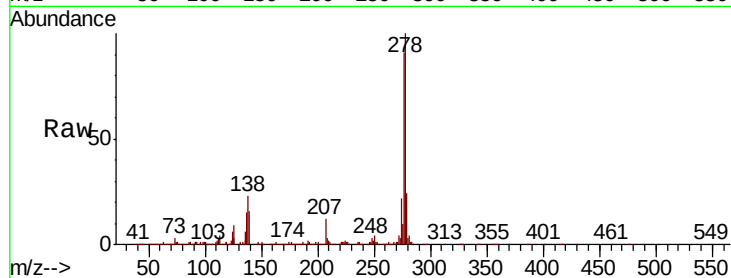
#91
Dibenzo(a,h)anthracene
Concen: 44.256 ng
RT: 25.82 min Scan# 3865
Delta R.T. -0.05 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	18.8
279	24.0	18.6	28.0

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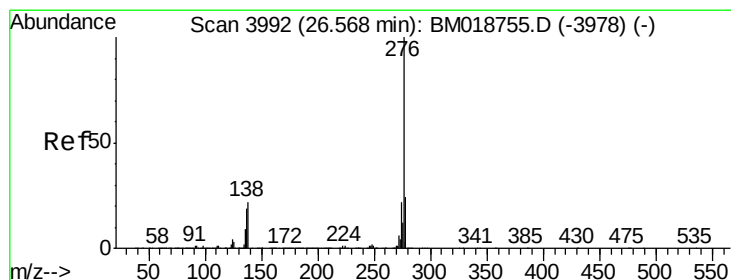
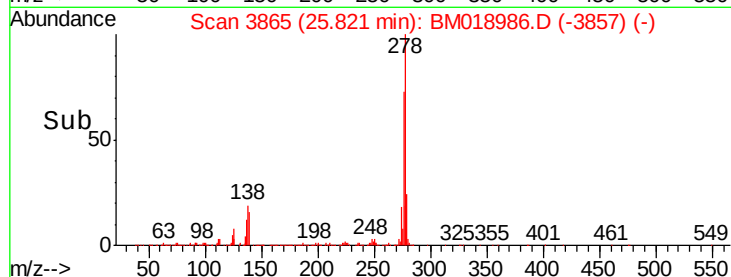
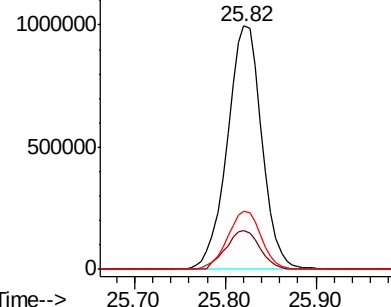


Abundance

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: 44.286 ng
RT: 26.51 min Scan# 3983
Delta R.T. -0.05 min
Lab File: BM018986.D
Acq: 01 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	21.0	17.3	25.9

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

