

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
 Data File : BM016644.D
 Acq On : 04 Sep 2018 13:54
 Operator : SJ/JU
 Sample : PB112563BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Manual Integrations
 APPROVED

Sohil
 9/5/2018 3:29:30 PM

Quant Time: Sep 04 18:41:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	88846	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	351776	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	236114	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	676619	20.00	ng	0.00
75) Chrysene-d12	21.52	240	824723	20.00	ng	-0.01
86) Perylene-d12	23.80	264	815821	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	532955	117.55	ng	0.00
7) Phenol-d6	7.18	99	628678	104.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	561361	72.86	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	641341	97.17	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1817460	73.99	ng	-0.01
78) Terphenyl-d14	19.97	244	3174781	81.48	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	101907	40.685	ng	# 100
3) Pyridine	3.80	79	182492	35.018	ng	# 84
4) n-Nitrosodimethylamine	3.72	42	117929m	50.795	ng	
6) Aniline	7.33	93	212437	31.642	ng	# 83
8) 2-Chlorophenol	7.56	128	228319	42.321	ng	# 93
9) Benzaldehyde	7.15	77	149512	35.908	ng	# 68
10) Phenol	7.20	94	234067	39.450	ng	# 81
11) bis(2-Chloroethyl)ether	7.43	93	168934	37.969	ng	# 95
12) 1,3-Dichlorobenzene	7.88	146	261274	36.528	ng	# 81
13) 1,4-Dichlorobenzene	8.03	146	272077	37.065	ng	# 96
14) 1,2-Dichlorobenzene	8.35	146	264355	36.656	ng	# 95
15) Benzyl Alcohol	8.26	79	193094	34.657	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.52	45	112696	36.785	ng	# 39
17) 2-Methylphenol	8.46	107	170983	39.795	ng	# 76
18) Hexachloroethane	9.05	117	158753	46.944	ng	# 51
19) n-Nitroso-di-n-propylamine	8.82	70	176963	37.621	ng	# 86
20) 3+4-Methylphenols	8.79	107	221730	37.324	ng	# 83
22) Acetophenone	8.84	105	344146	40.627	ng	# 98
24) Nitrobenzene	9.23	77	311007	40.402	ng	# 91
25) Isophorone	9.74	82	466133	45.269	ng	# 91
26) 2-Nitrophenol	9.93	139	125138	38.025	ng	# 34
27) 2,4-Dimethylphenol	9.99	122	191849	44.734	ng	# 76
28) bis(2-Chloroethoxy)methane	10.22	93	243735	39.653	ng	# 99
29) 2,4-Dichlorophenol	10.47	162	271073	42.232	ng	# 94
30) 1,2,4-Trichlorobenzene	10.66	180	426403	43.781	ng	# 94
31) Naphthalene	10.85	128	688000	41.050	ng	# 99
32) Benzoic acid	10.17	122	31002	8.640	ng	# 67
33) 4-Chloroaniline	10.99	127	169799	24.073	ng	# 86
34) Hexachlorobutadiene	11.10	225	496297	53.388	ng	# 99
35) Caprolactam	11.82	113	44900m	29.152	ng	
36) 4-Chloro-3-methylphenol	12.12	107	217865	35.307	ng	# 96
37) 2-Methylnaphthalene	12.46	142	555686	42.352	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	702144	52.654	ng	# 100
40) Hexachlorocyclopentadiene	12.77	237	797796	113.334	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	372585	46.723	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	359647	46.171	nq	# 96
45) 1,1'-Biphenyl	13.47	154	755866	36.509	nq	99
46) 2-Chloronaphthalene	13.52	162	625387	37.181	nq	96
47) 2-Nitroaniline	13.76	65	154553	34.497	nq	# 85
48) Acenaphthylene	14.36	152	904033	38.076	nq	98
49) Dimethylphthalate	14.10	163	817160	36.023	nq	# 97
50) 2,6-Dinitrotoluene	14.25	165	155964	35.250	nq	# 71
51) Acenaphthene	14.70	154	529539	36.303	nq	98
52) 3-Nitroaniline	14.59	138	91999	22.852	nq	# 72
53) 2,4-Dinitrophenol	14.82	184	122340	55.252	nq	# 74
54) Dibenzofuran	15.04	168	1029762	36.878	nq	# 90
55) 4-Nitrophenol	14.91	139	144436	56.250	nq	# 78
56) 2,4-Dinitrotoluene	15.05	165	230762	31.277	nq	91
57) Fluorene	15.69	166	803247	38.079	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	332051	44.352	nq	# 100
59) Diethylphthalate	15.46	149	766688	32.415	nq	# 93
60) 4-Chlorophenyl-phenylether	15.67	204	752728	42.551	nq	# 83
61) 4-Nitroaniline	15.76	138	98498	25.034	nq	# 1
62) Azobenzene	15.97	77	993600	39.440	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	142243	27.668	nq	# 60
65) n-Nitrosodiphenylamine	15.90	169	668104	35.099	nq	96
66) 4-Bromophenyl-phenylether	16.57	248	457262	43.982	nq	95
67) Hexachlorobenzene	16.69	284	500404	41.273	nq	96
68) Atrazine	16.84	200	374090	43.064	nq	92
69) Pentachlorophenol	17.04	266	382983	59.701	nq	99
70) Phenanthrene	17.42	178	1281642	36.648	nq	99
71) Anthracene	17.52	178	1302615	37.511	nq	98
72) Carbazole	17.79	167	848232	27.180	nq	97
73) Di-n-butylphthalate	18.32	149	1196803	31.456	nq	# 96
74) Fluoranthene	19.42	202	1837344	35.832	nq	93
76) Benzidine	19.62	184	519851	32.777	nq	97
77) Pyrene	19.79	202	1848363	41.239	nq	100
79) Butylbenzylphthalate	20.65	149	502262	32.465	nq	# 70
80) Benzo(a)anthracene	21.51	228	1888711	38.953	nq	98
81) 3,3'-Dichlorobenzidine	21.44	252	567600	26.299	nq	# 93
82) Chrysene	21.56	228	1712078	37.008	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	701843	30.516	nq	# 93
84) Di-n-octyl phthalate	22.28	149	1117488	29.238	nq	# 95
85) Indeno(1,2,3-cd)pyrene	26.11	276	2681546	40.305	nq	# 91
87) Benzo(b)fluoranthene	23.12	252	1963243	41.746	nq	# 89
88) Benzo(k)fluoranthene	23.16	252	1882948	39.351	nq	# 93
89) Benzo(a)pyrene	23.70	252	1866082	40.781	nq	# 95
90) Dibenzo(a,h)anthracene	26.11	278	2259317	44.056	nq	# 87
91) Benzo(g,h,i)perylene	26.82	276	2100443	45.628	nq	# 79

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

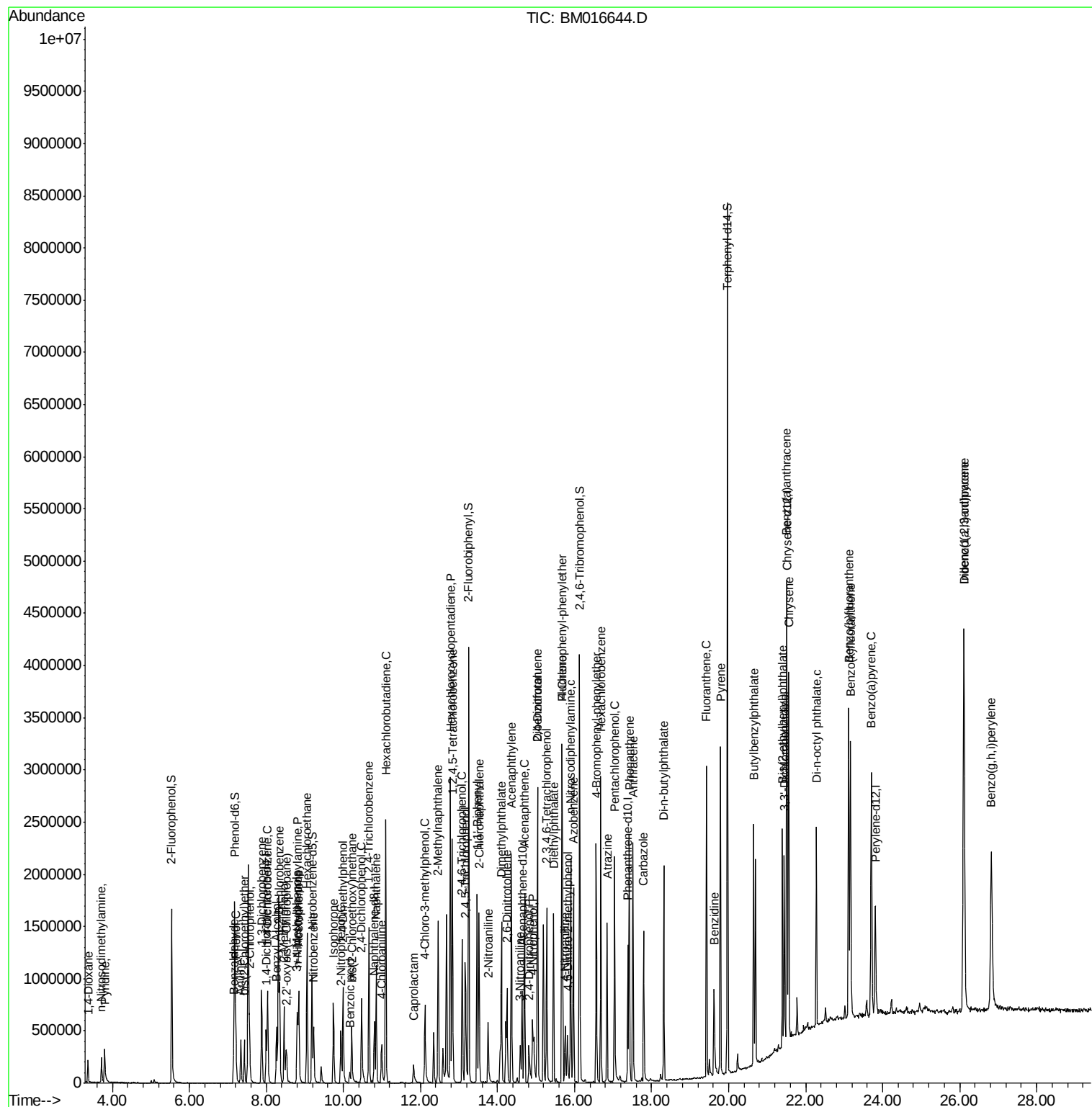
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
Data File : BM016644.D
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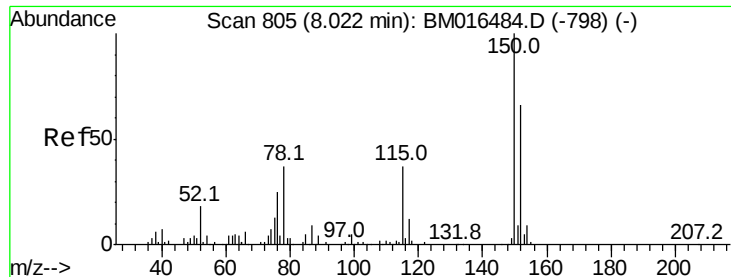
Instrument :
BNA_M
ClientSampleId :
PB112563BS

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#1

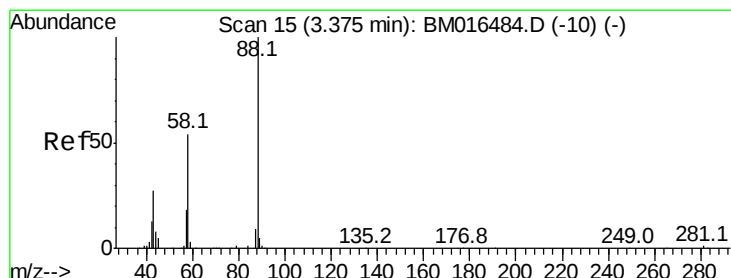
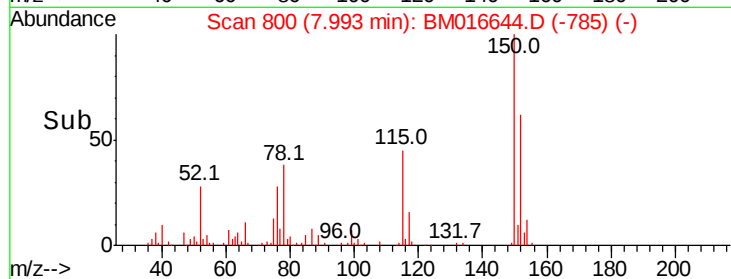
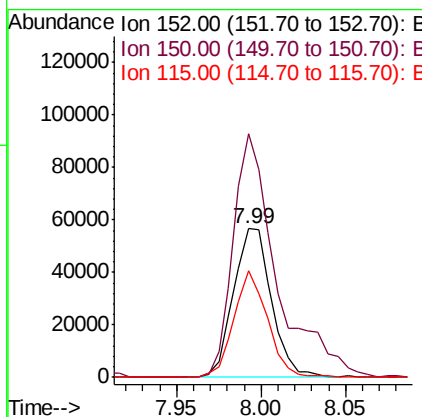
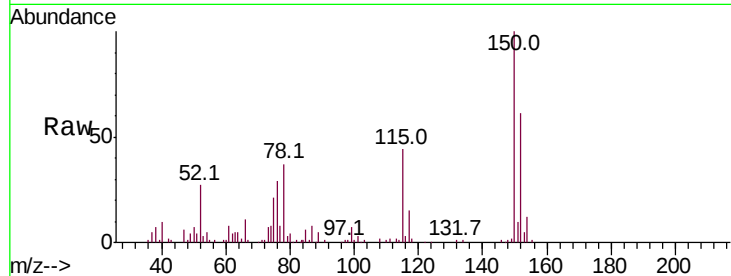
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	119.5	179.3
115	71.7	43.0	64.4

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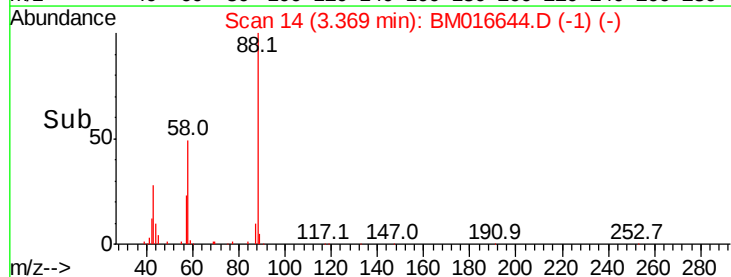
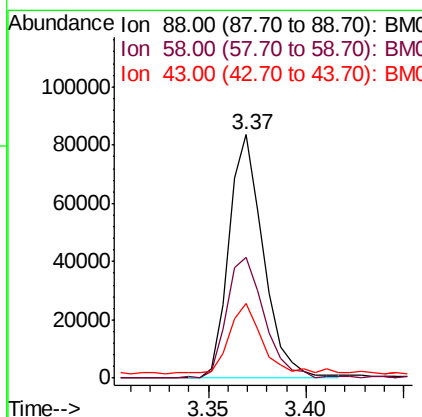
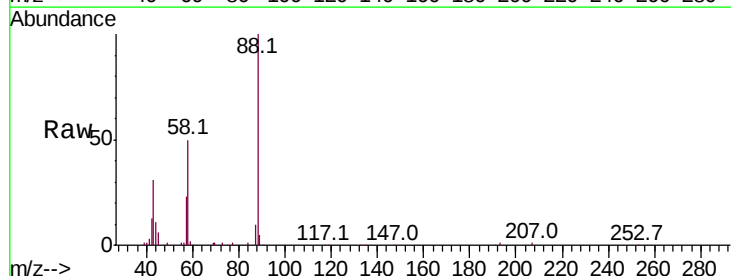
Sohil
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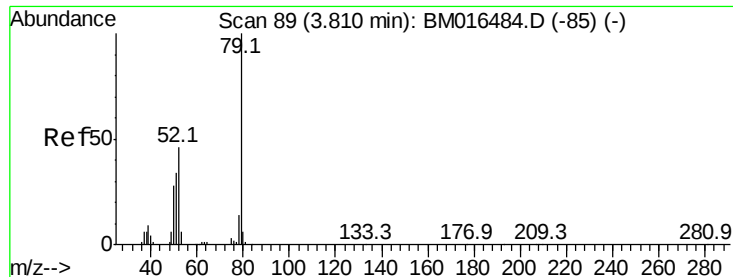


#2

1,4-Dioxane
Concen: 40.685 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.4	0.0	0.0
43	27.0	0.0	0.0





#3

Pvridine

Concen: 35.018 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

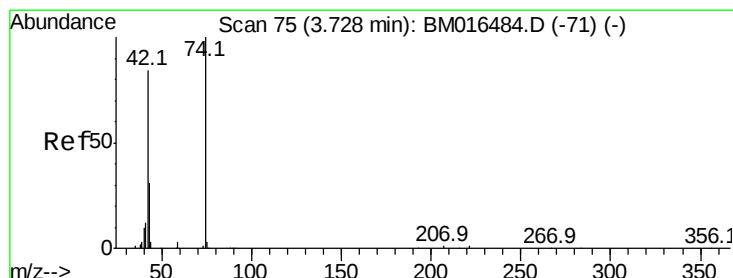
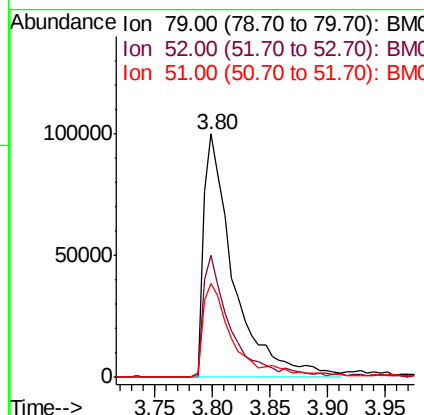
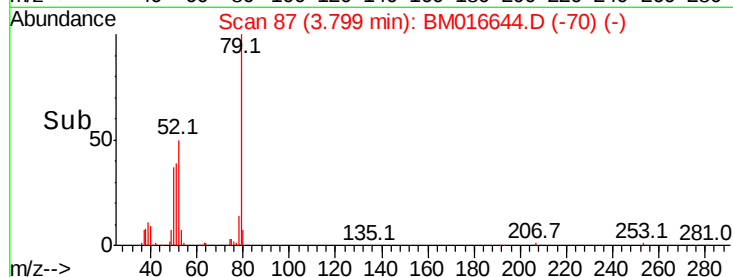
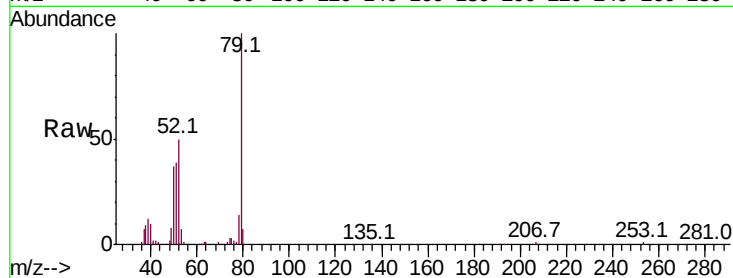
Instrument :
BNA_M

ClientSampleId :
PB112563BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	49.9	51.1	76.7#
51	38.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 50.795 ng m

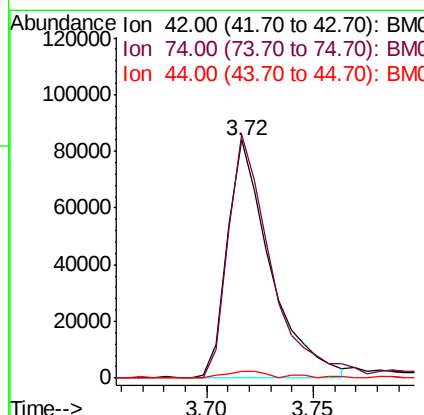
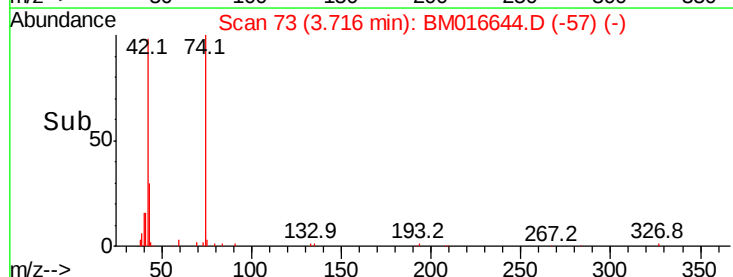
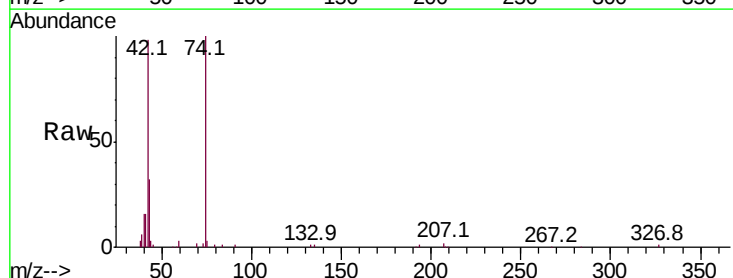
RT: 3.72 min Scan# 73

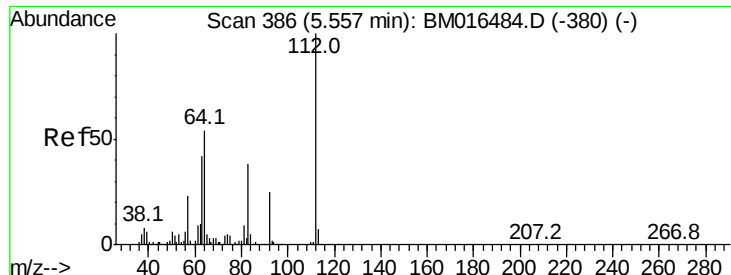
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.2	119.3	178.9#
44	2.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 117.548 ng

RT: 5.54 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

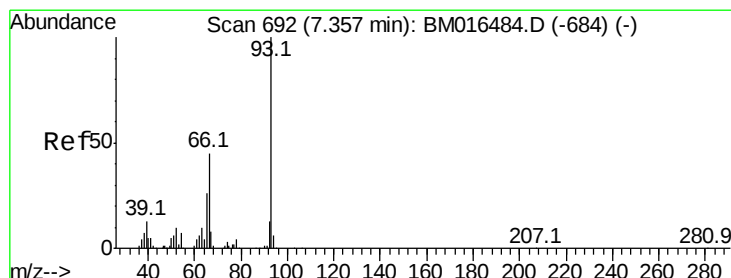
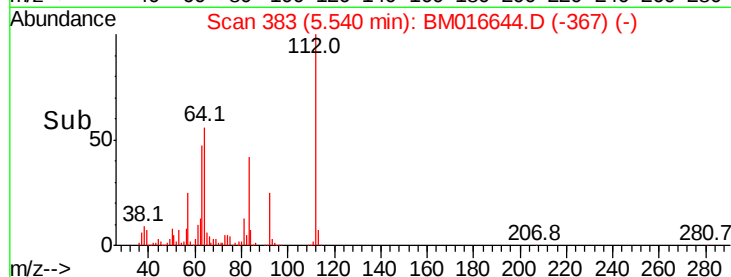
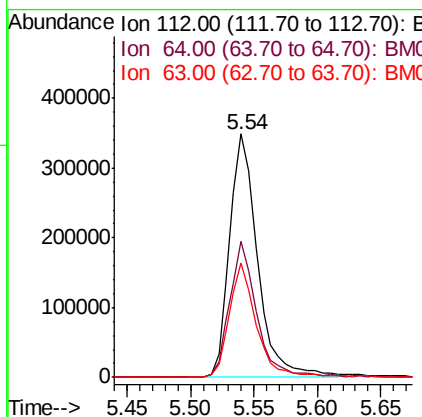
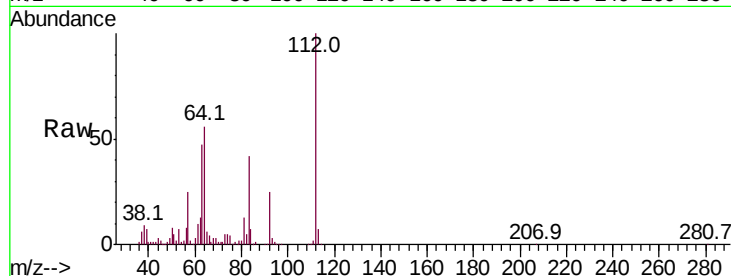
ClientSampleId :

PB112563BS

Tot Ion:	112	Resp:	532955
Ion Ratio	Lower	Upper	
112	100		
64	55.7	38.6	57.8
63	47.0	19.3	28.9#

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#6

Aniline

Concen: 31.642 ng

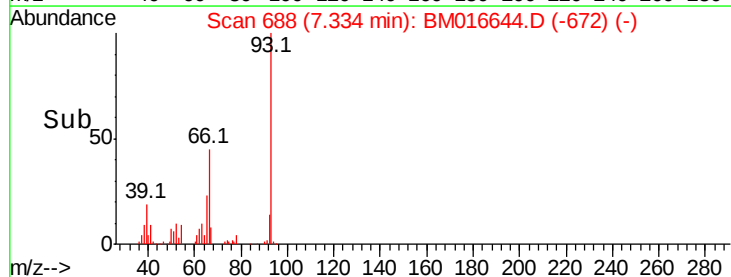
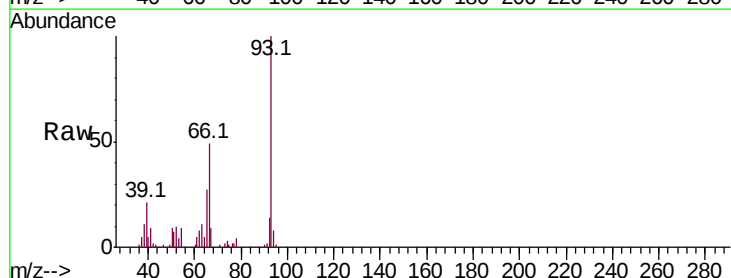
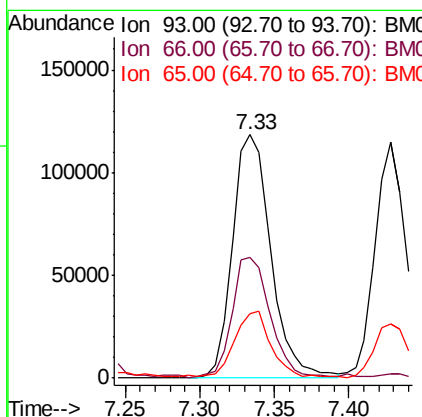
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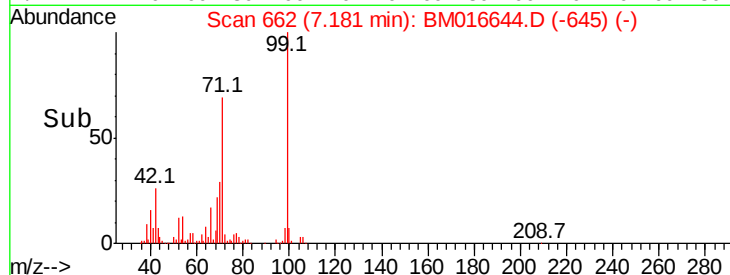
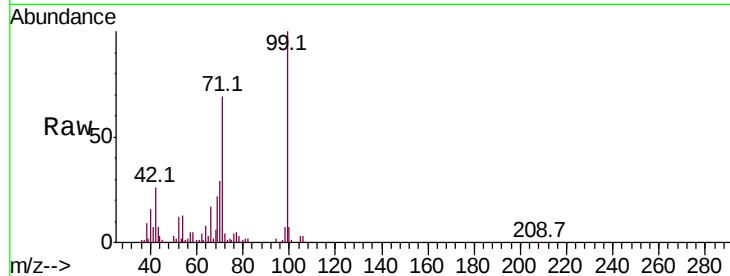
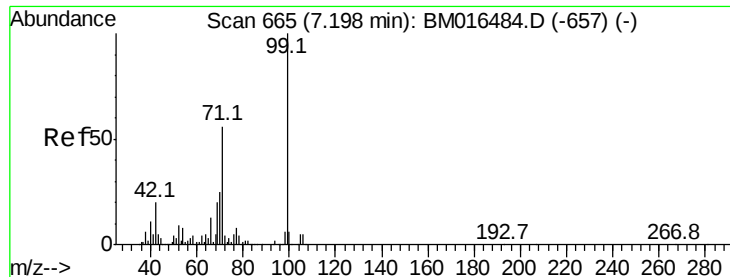
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	93	Resp:	212437
Ion Ratio	Lower	Upper	
93	100		
66	49.3	30.8	46.2#
65	26.6	16.0	24.0#





#7

Phenol-d6

Concen: 104.786 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tot Ion:	99	Resp:	628678
Ion Ratio	Lower	Upper	
99	100		
42	26.0	11.0	16.4#
71	69.1	23.4	35.2#

Instrument :

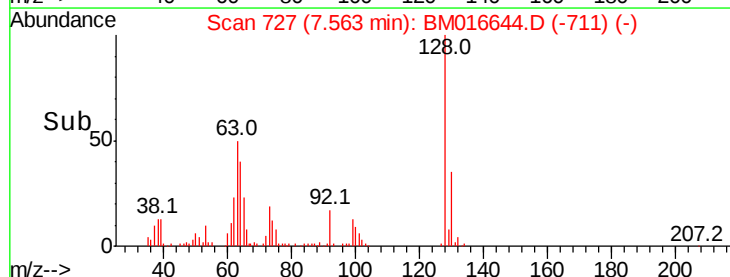
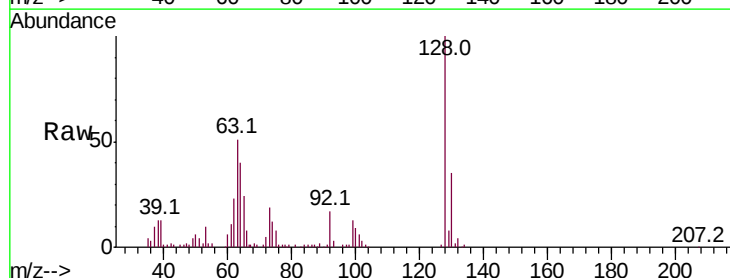
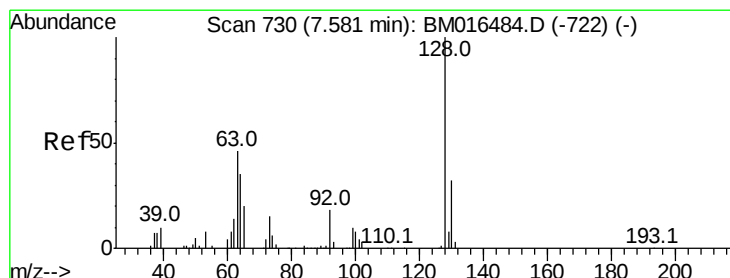
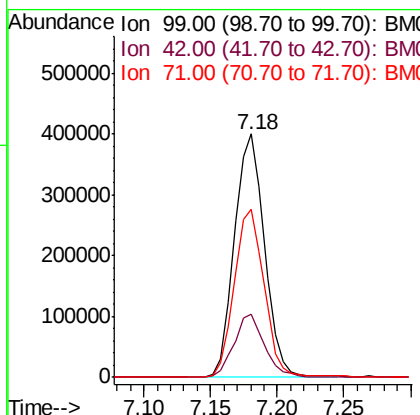
BNA_M

ClientSampled :

PB112563BS

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#8

2-Chlorophenol

Concen: 42.321 ng

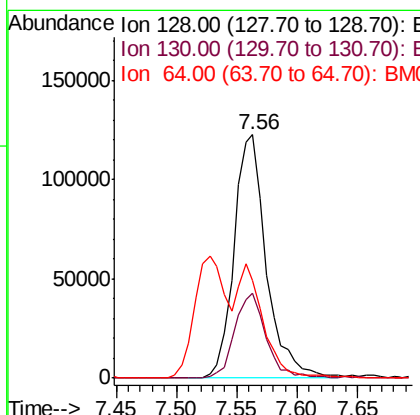
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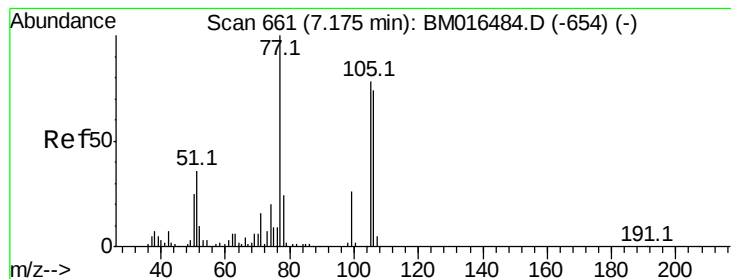
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	128	Resp:	228319
Ion Ratio	Lower	Upper	
128	100		
130	35.1	12.0	52.0
64	40.0	24.9	64.9





#9

Benzaldehyde

Concen: 35.908 ng

RT: 7.15 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

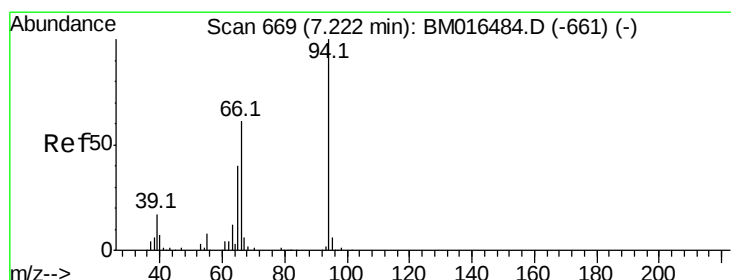
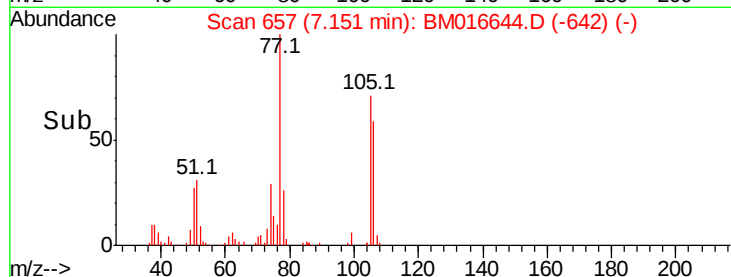
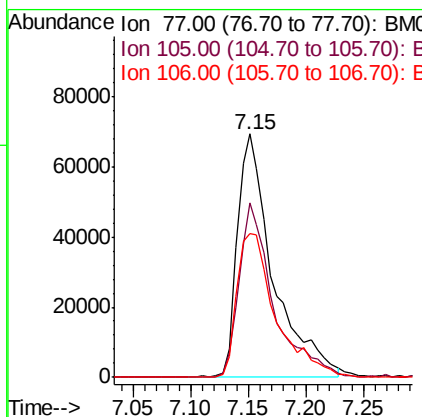
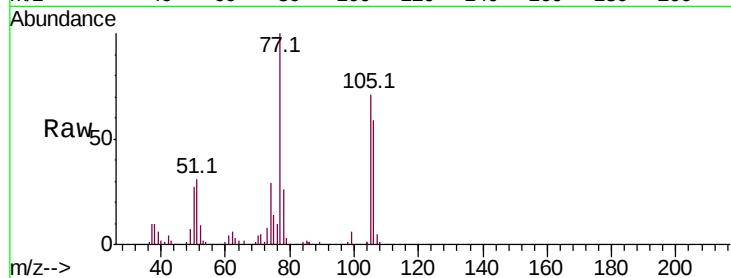
ClientSampleId :

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Tot Ion:	77	Resp:	149512
Ion Ratio	Lower	Upper	
77	100		
105	71.5	78.8	118.8#
106	59.1	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 39.450 ng

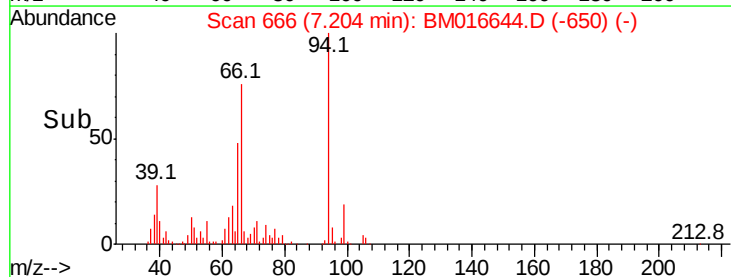
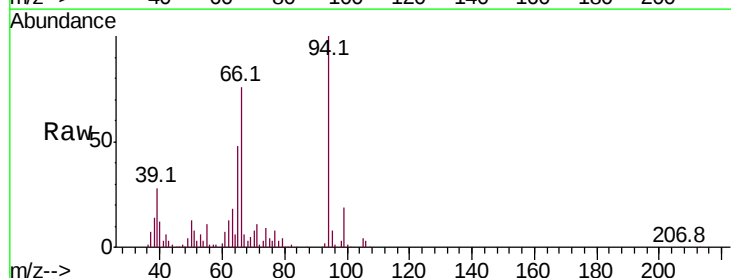
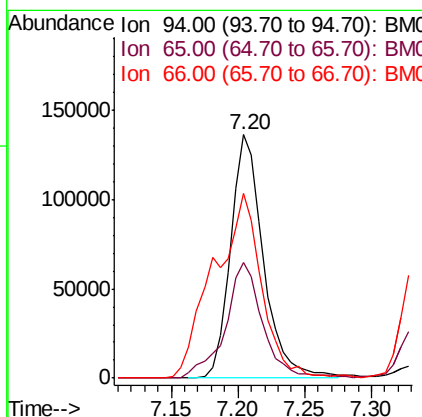
RT: 7.20 min Scan# 666

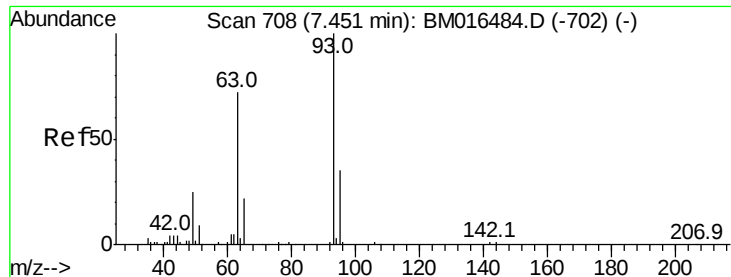
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	94	Resp:	234067
Ion Ratio	Lower	Upper	
94	100		
65	47.6	18.8	58.8
66	76.0	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 37.969 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

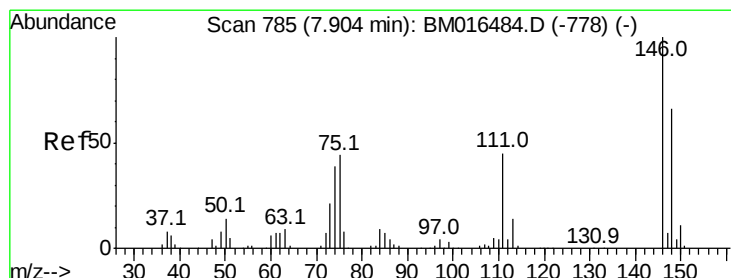
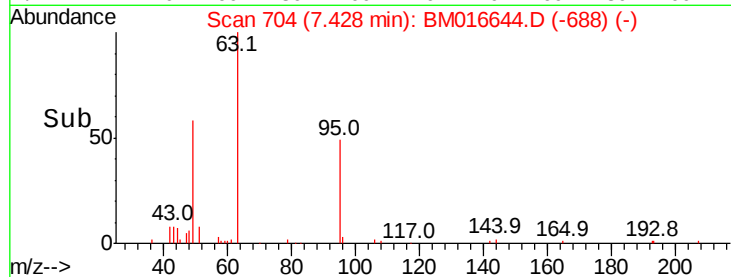
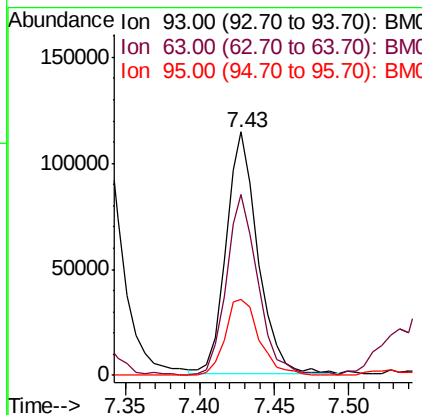
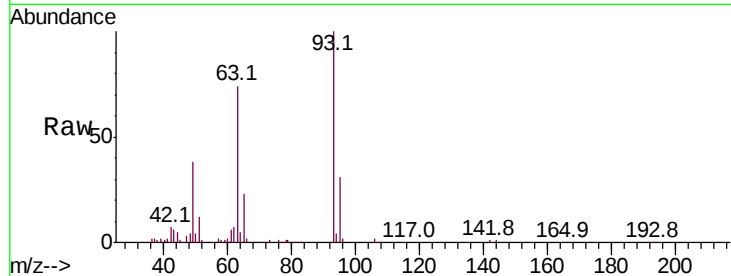
ClientSampleId :

PB112563BS

Tot Ion:	93	Resp:	168934
Ion	Ratio	Lower	Upper
93	100		
63	74.3	49.5	89.5
95	31.3	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 36.528 ng

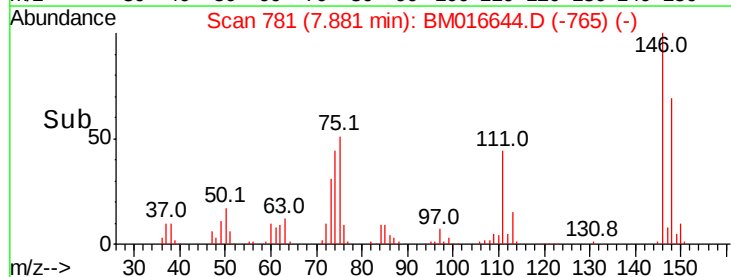
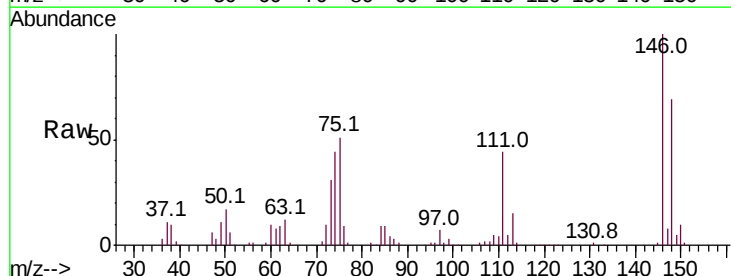
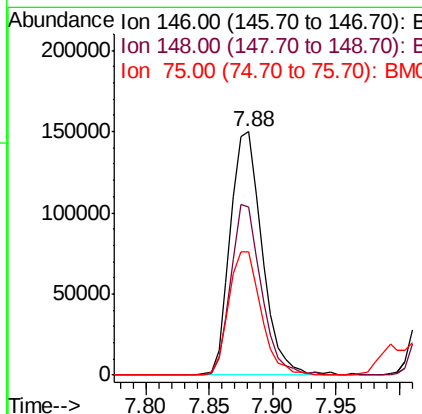
RT: 7.88 min Scan# 781

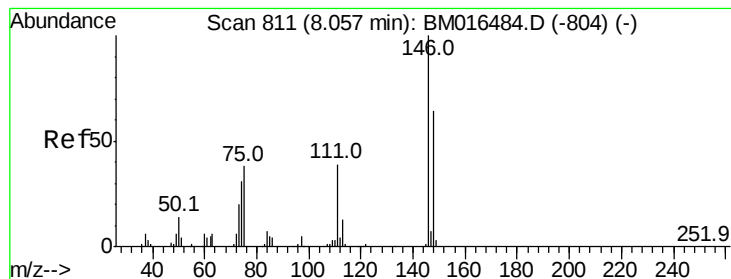
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	146	Resp:	261274
Ion	Ratio	Lower	Upper
146	100		
148	69.1	50.9	76.3
75	50.8	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 37.065 ng

RT: 8.03 min Scan# 806

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

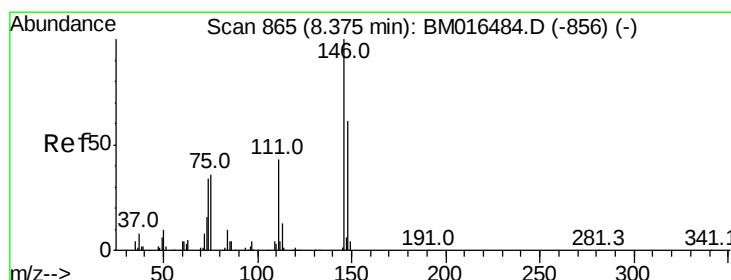
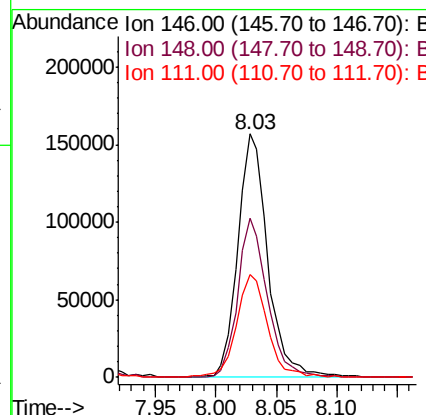
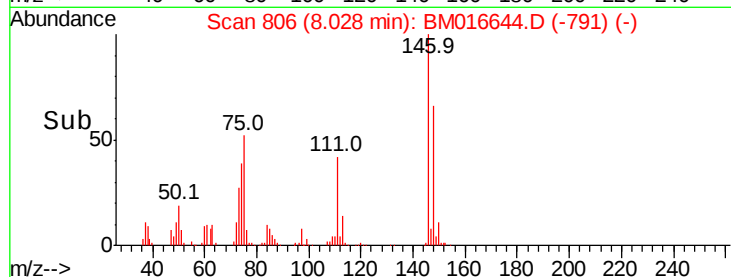
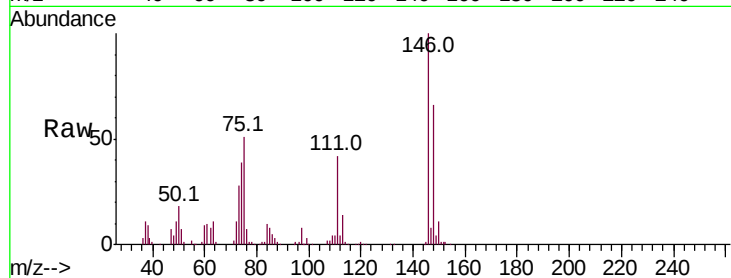
ClientSampled :

PB112563BS

Tot Ion:	146	Resp:	272077
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.9	77.9
111	42.1	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 36.656 ng

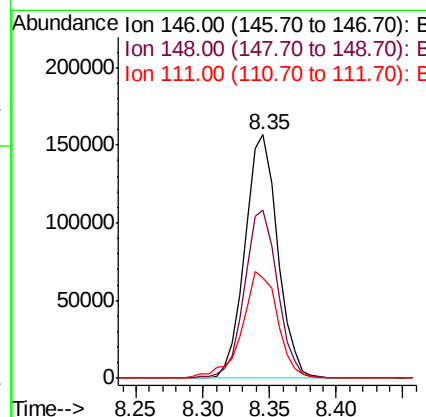
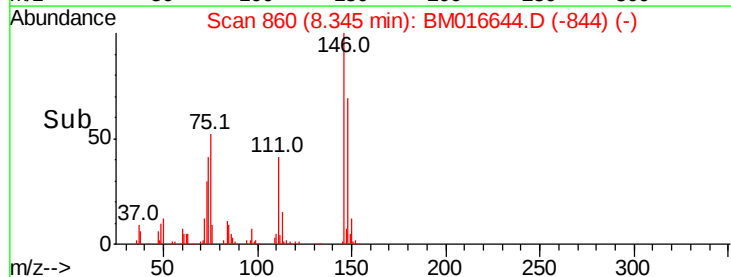
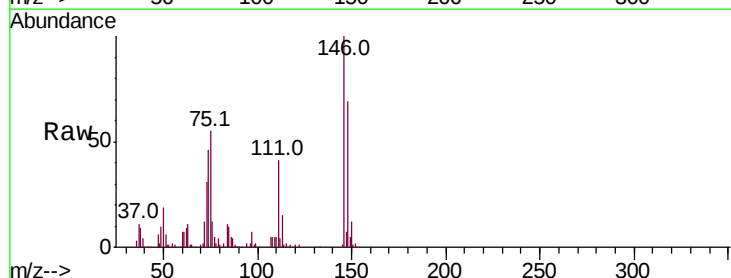
RT: 8.35 min Scan# 860

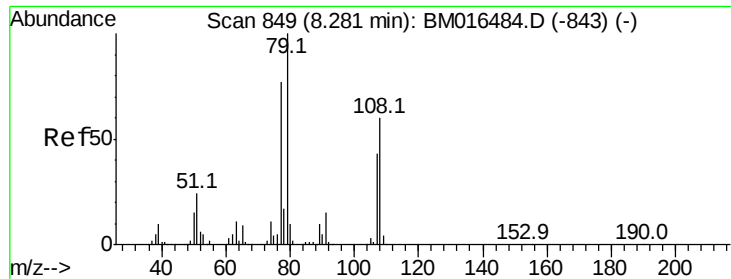
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	146	Resp:	264355
Ion Ratio	Lower	Upper	
146	100		
148	69.1	52.3	78.5
111	41.4	30.6	45.8





#15

Benzyl Alcohol

Concen: 34.657 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

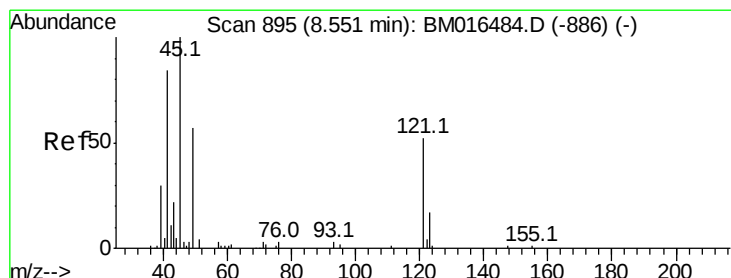
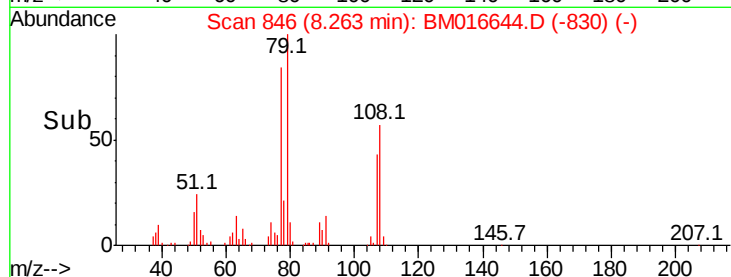
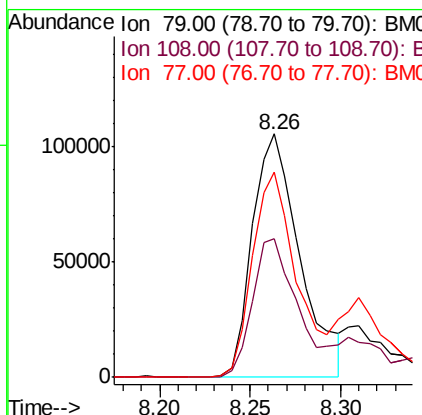
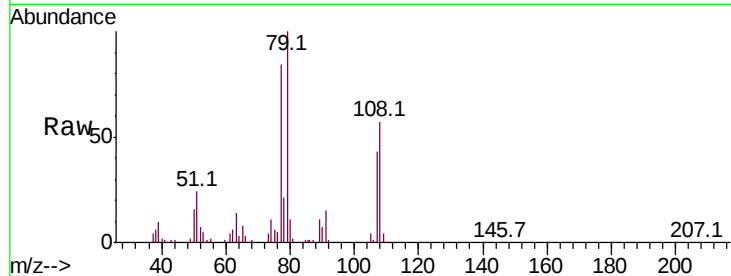
ClientSampled :

PB112563BS

Tot Ion:	79	Resp:	193094
Ion Ratio	Lower	Upper	
79	100		
108	56.7	65.0	97.4#
77	84.5	53.0	79.6#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.785 ng

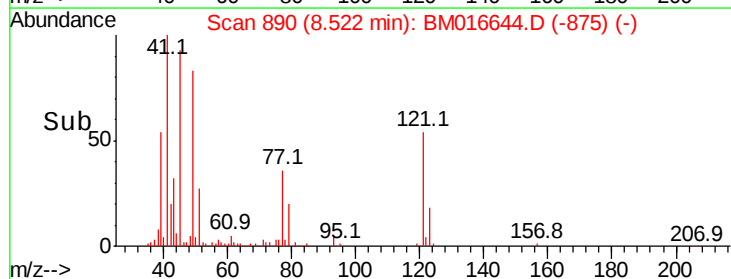
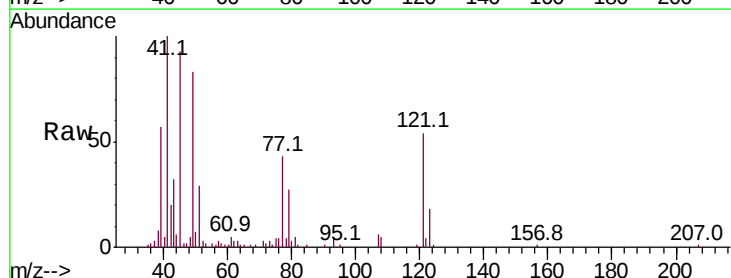
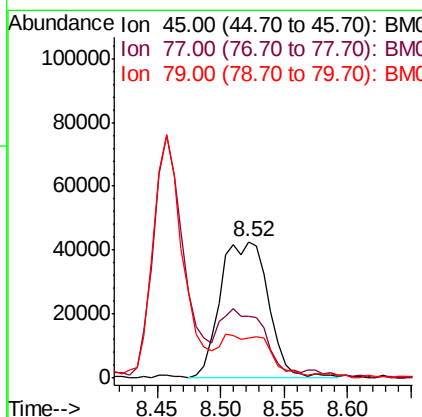
RT: 8.52 min Scan# 890

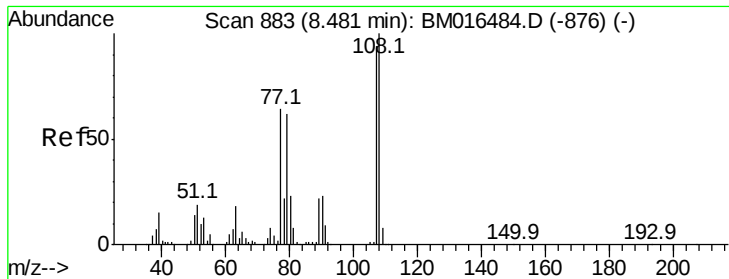
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	45	Resp:	112696
Ion Ratio	Lower	Upper	
45	100		
77	45.6	0.0	35.2#
79	29.5	0.0	32.0





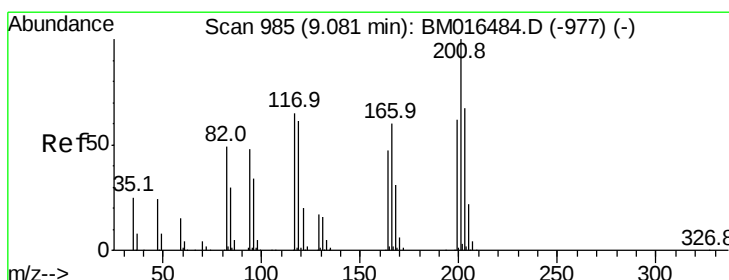
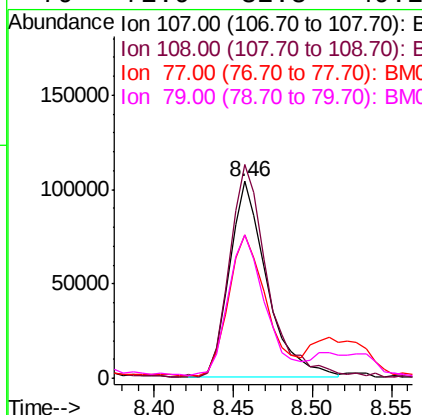
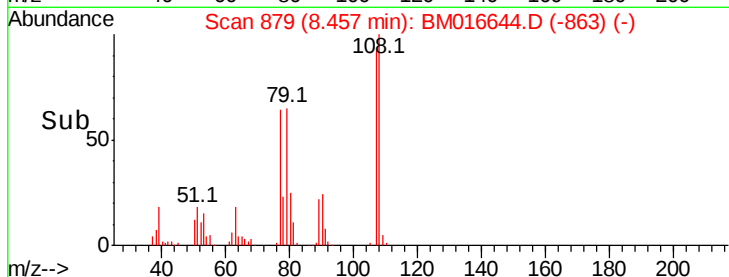
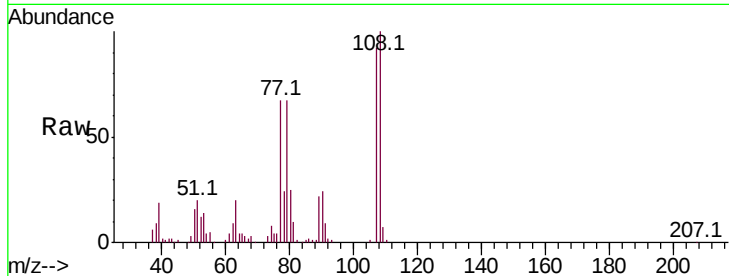
#17
2-Methylphenol
Concen: 39.795 ng
RT: 8.46 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	89.8	134.8	
77	72.6	32.6	48.8#	
79	72.9	32.8	49.2#	

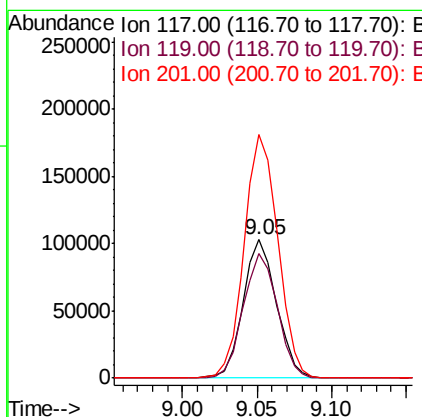
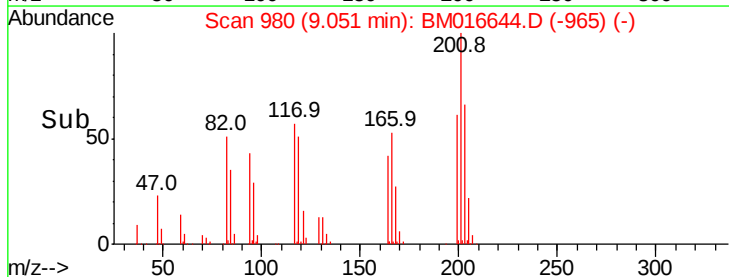
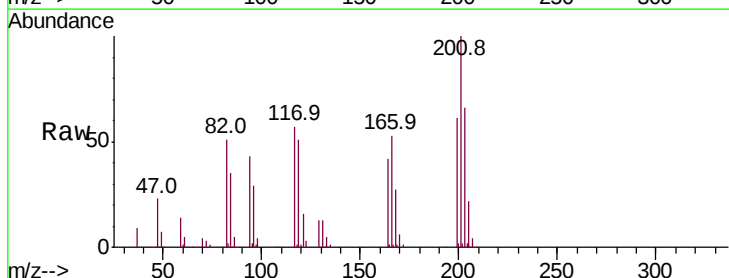
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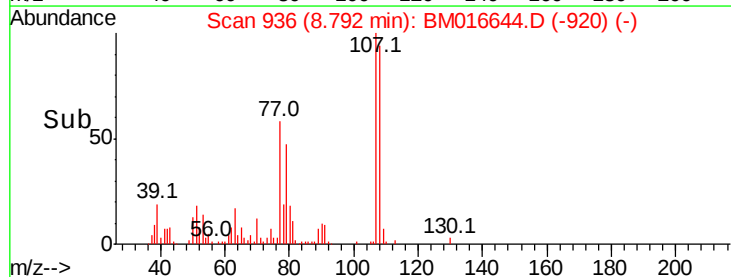
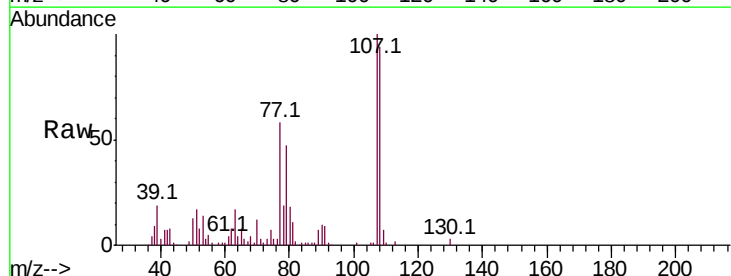
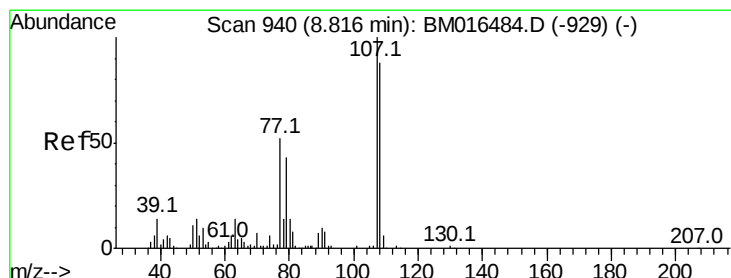
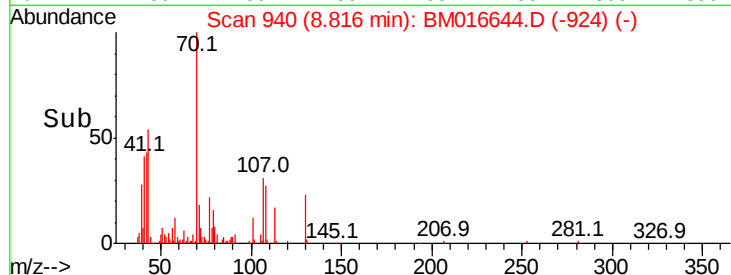
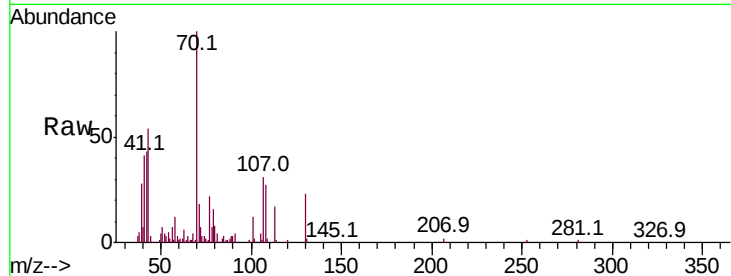
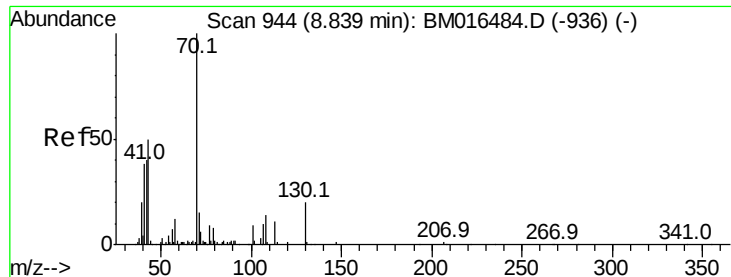
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#18
Hexachloroethane
Concen: 46.944 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.4	79.2	118.8	
201	175.9	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 37.621 ng

RT: 8.82 min Scan# 940

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

PB112563BS

Tot Ion: 70 Resp: 176963

Ion Ratio Lower Upper

70 100

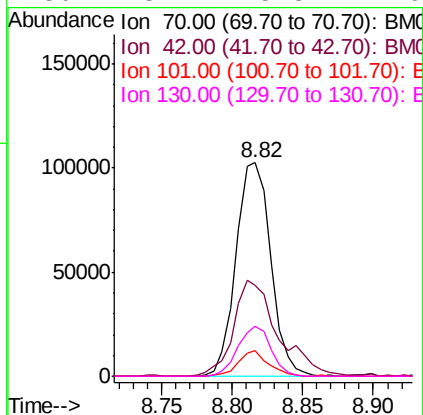
42 42.8 44.5 66.7#

101 11.9 7.4 11.2#

130 23.1 15.3 22.9#

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#20

3+4-Methylphenols

Concen: 37.324 ng

RT: 8.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion: 107 Resp: 221730

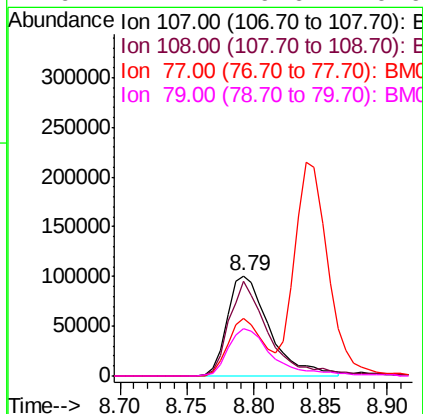
Ion Ratio Lower Upper

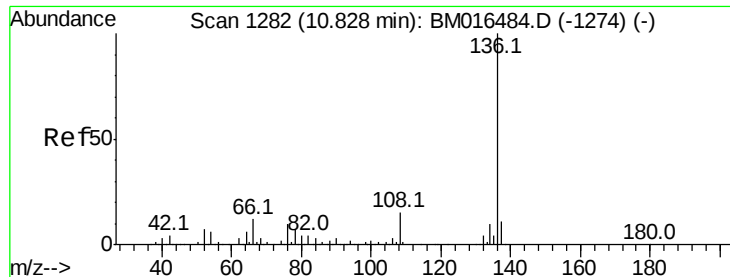
107 100

108 94.1 73.2 113.2

77 58.1 10.7 50.7#

79 47.2 9.6 49.6





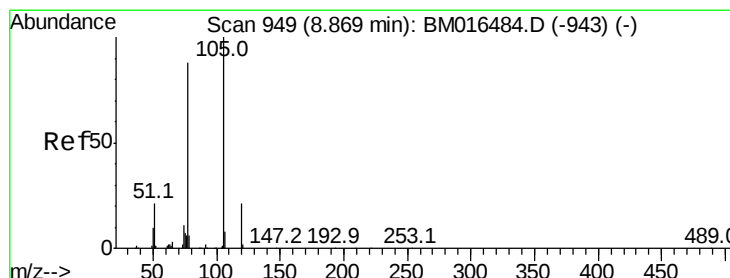
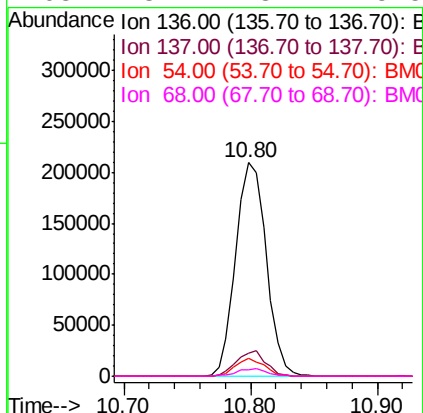
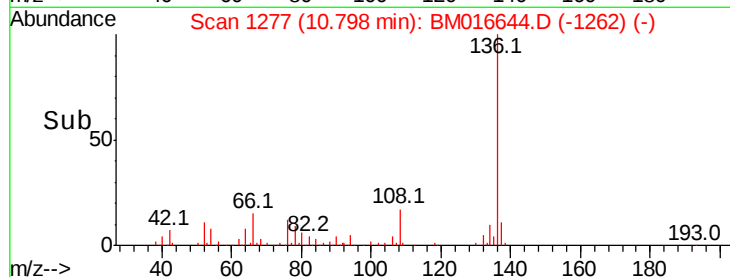
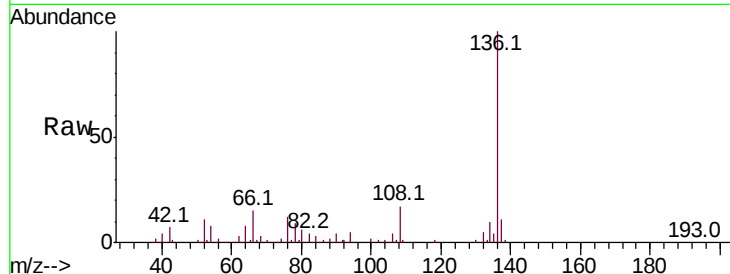
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.7	13.1	
54	8.3	4.6	6.8#	
68	3.2	3.7	5.5#	

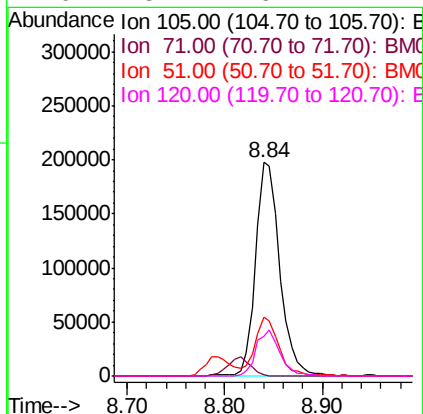
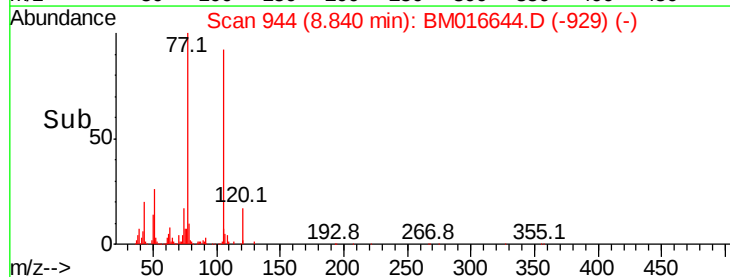
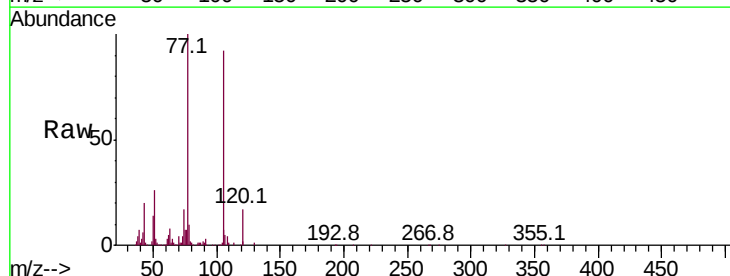
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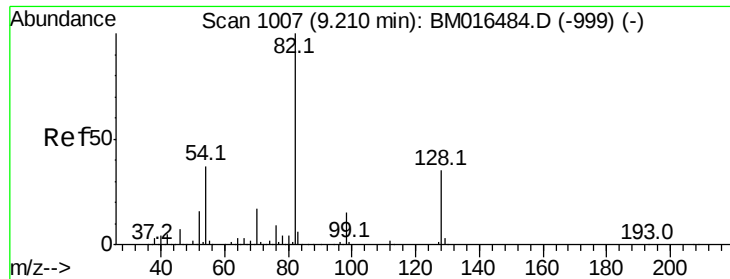
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#22
Acetophenone
Concen: 40.627 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	0.6	1.0	
51	27.8	21.6	32.4	
120	18.7	16.1	24.1	





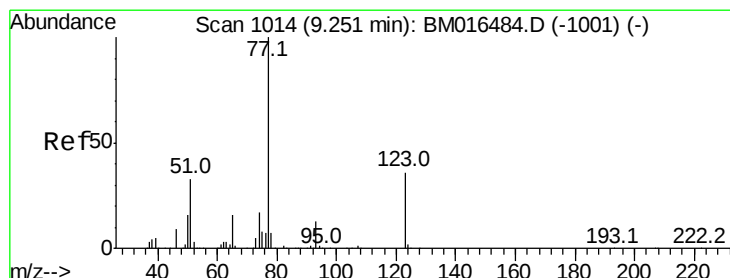
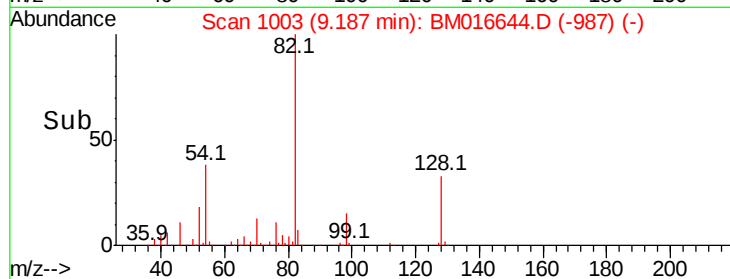
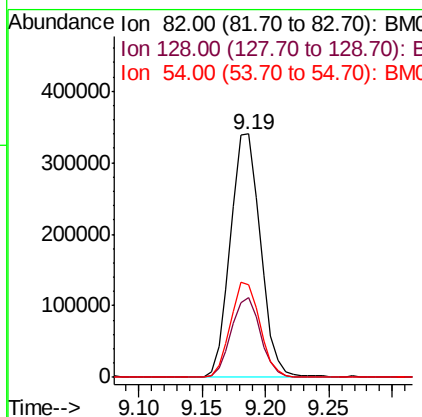
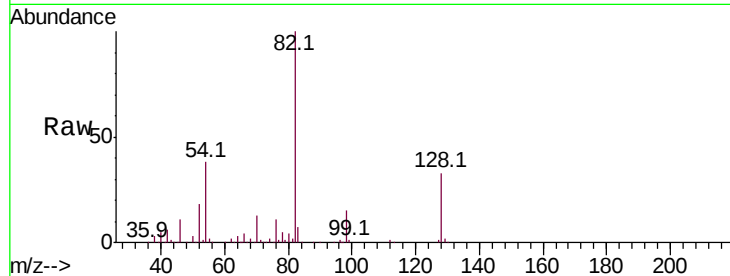
#23
Nitrobenzene-d5
Concen: 72.862 ng
RT: 9.19 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	561361		
128	32.9	32.8	49.2	
54	38.2	40.6	60.8	

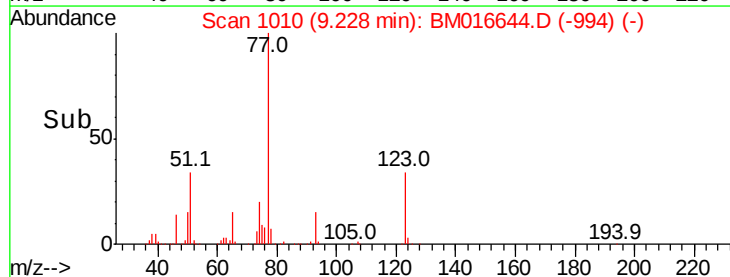
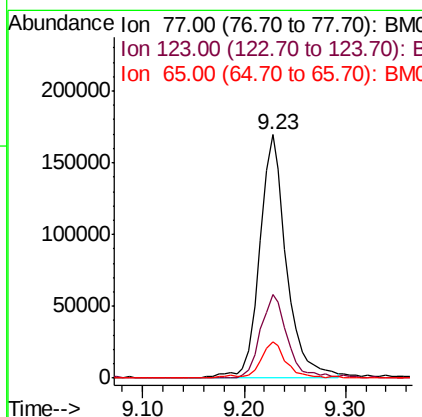
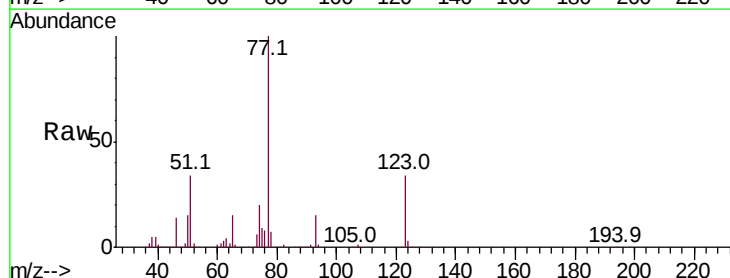
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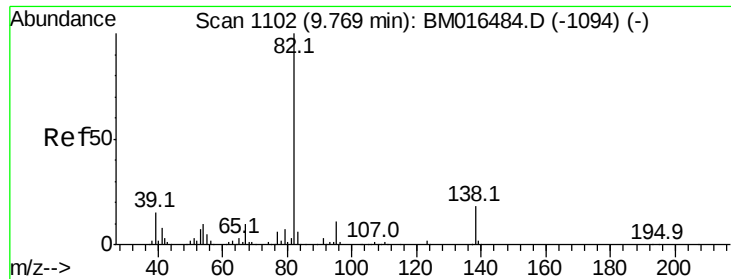
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#24
Nitrobenzene
Concen: 40.402 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	311007		
123	34.1	32.6	49.0	
65	14.7	10.9	16.3	





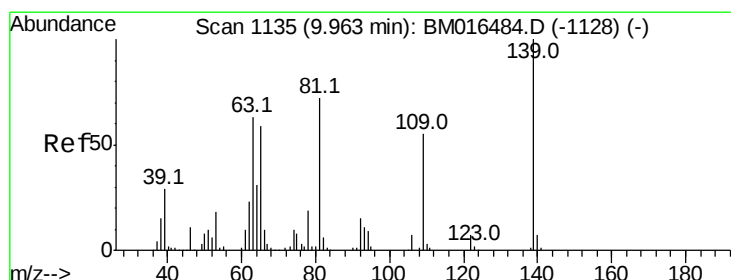
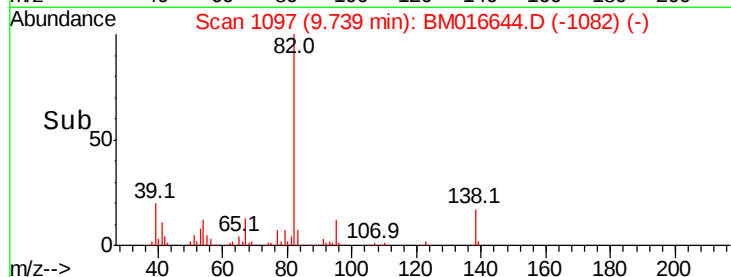
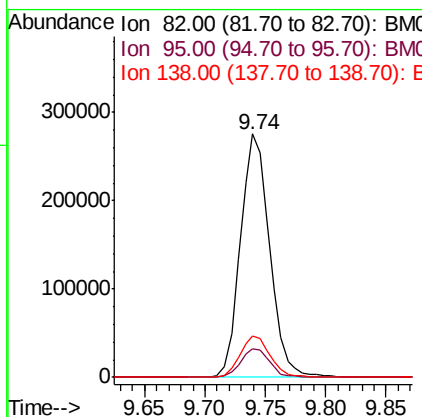
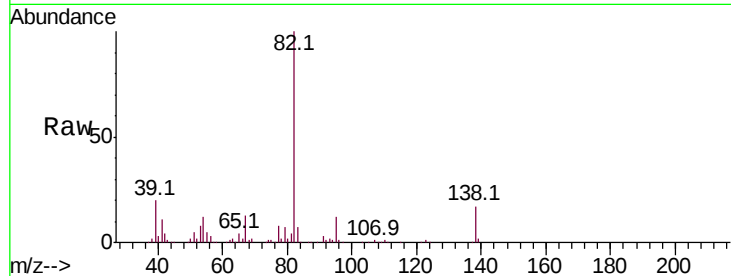
#25
Isophorone
Concen: 45.269 ng
RT: 9.74 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	11.8	5.8	8.6#
138	17.2	16.3	24.5

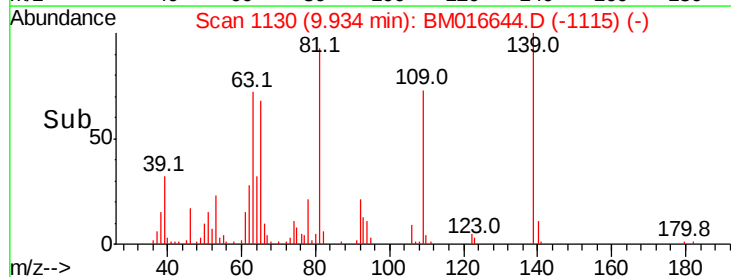
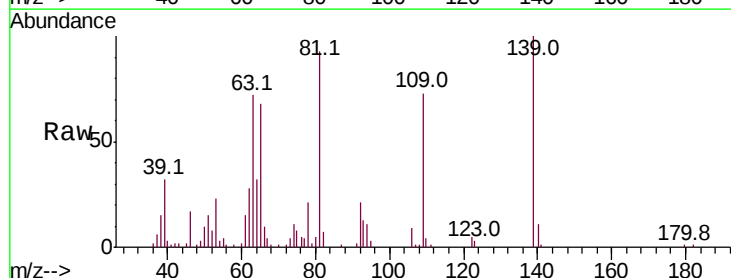
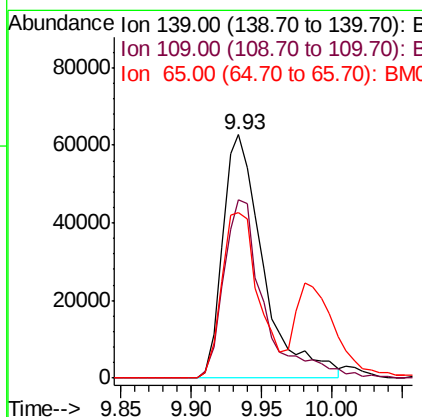
Manual Integrations
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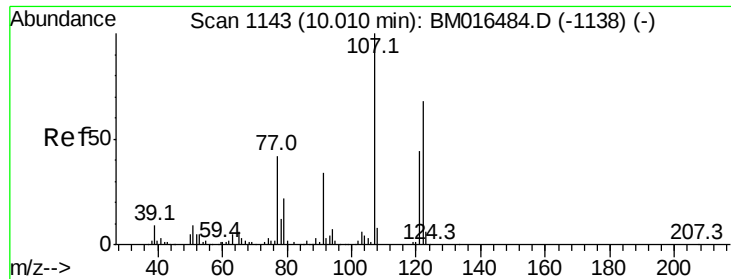
Sohil
9/5/2018 3:29:30 PM



#26
2-Nitrophenol
Concen: 38.025 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	20.1	30.1#
65	67.8	31.5	47.3#





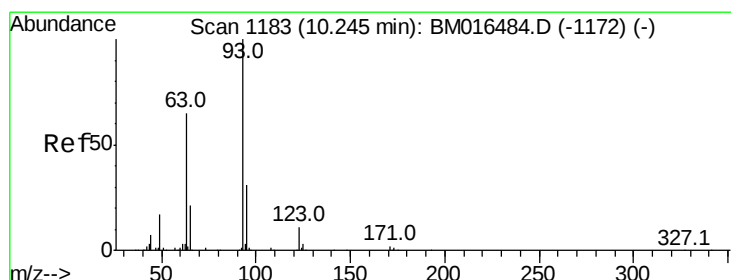
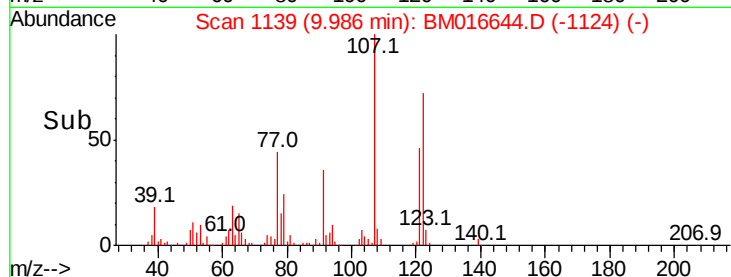
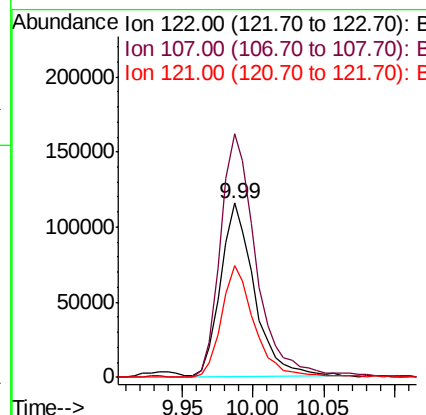
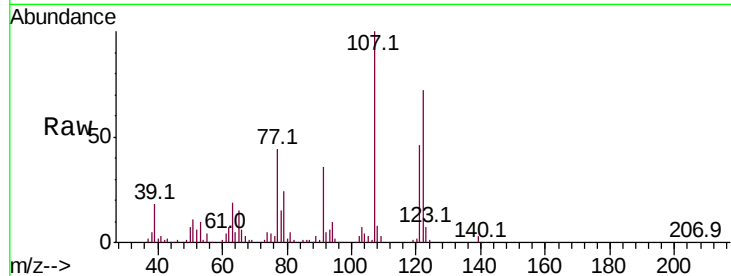
#27
 2,4-Dimethylphenol
 Concen: 44.734 ng
 RT: 9.99 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampled :
 PB112563BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.7	84.7	127.1#
121	63.9	46.6	69.8

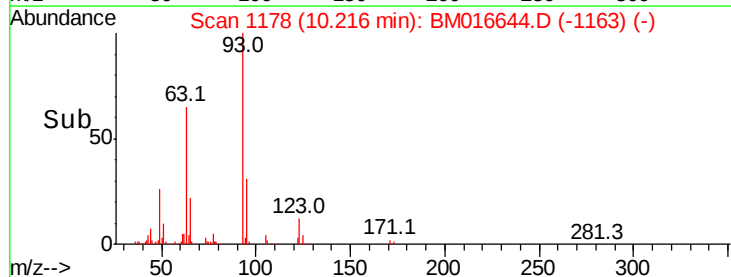
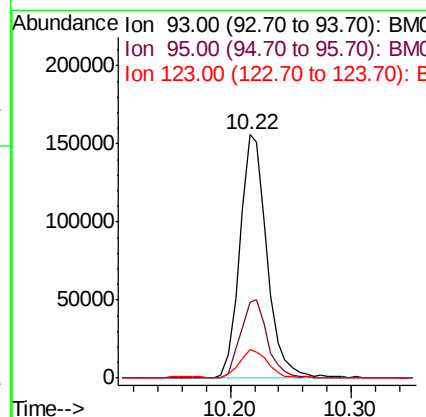
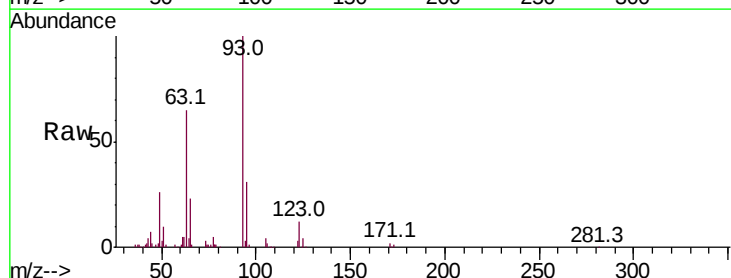
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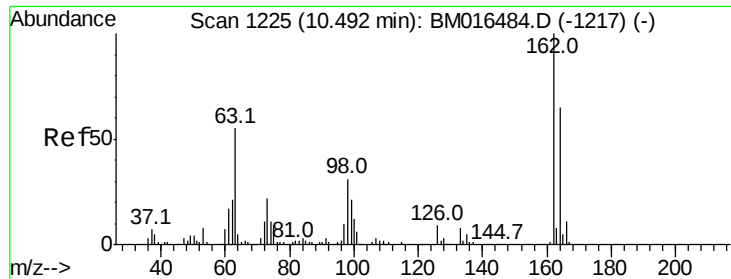
Sohil
 9/5/2018 3:29:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.653 ng
 RT: 10.22 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.5	38.3
123	11.8	8.6	13.0





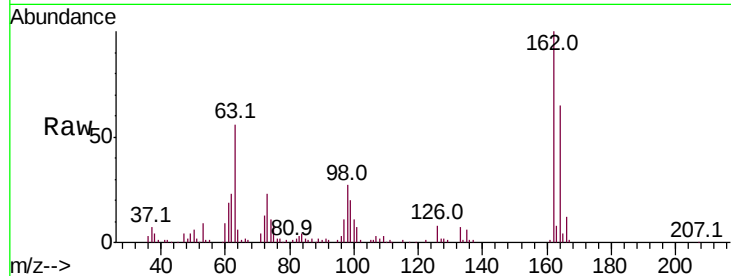
#29
 2,4-Dichlorophenol
 Concen: 42.232 ng
 RT: 10.47 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

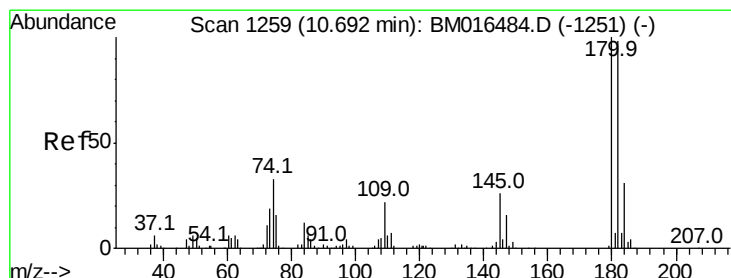
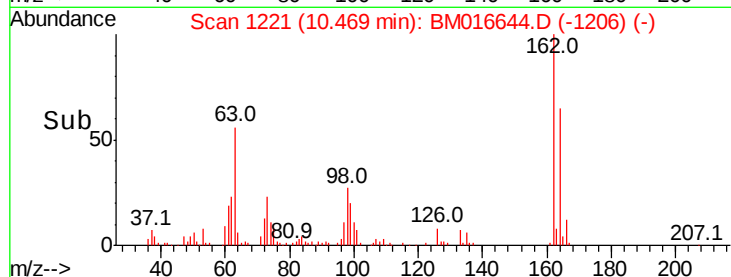
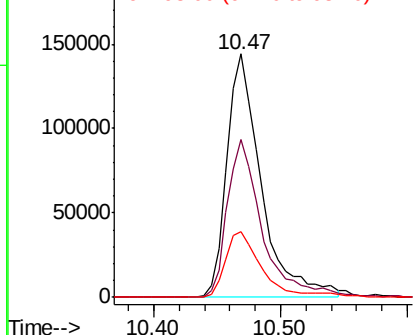
Tot Ion	Ratio	Resp	Lower	Upper
162	100	271073		
164	64.6	42.8	82.8	
98	27.1	14.5	54.5	

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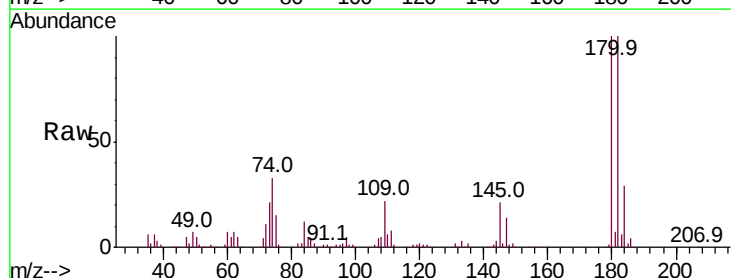


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

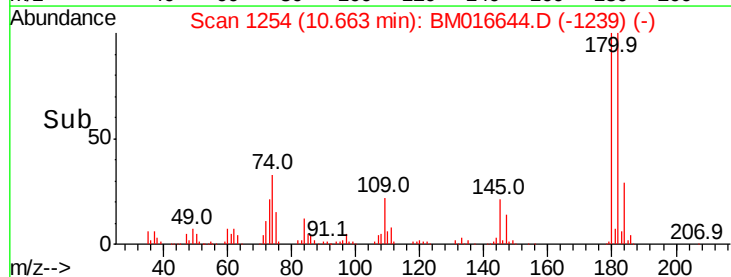
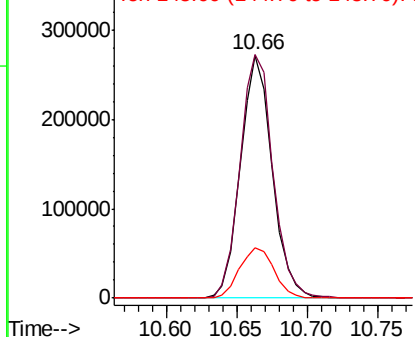


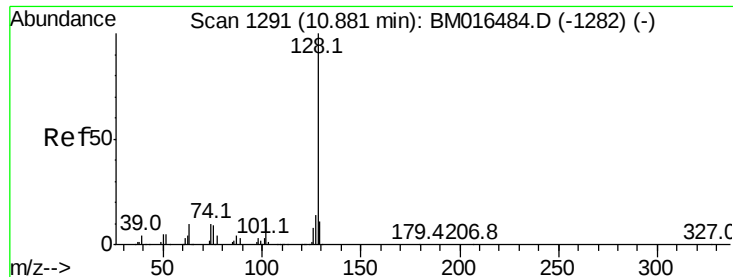
#30
 1,2,4-Trichlorobenzene
 Concen: 43.781 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	426403		
182	100.4	77.6	116.4	
145	21.0	23.4	35.2#	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.050 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

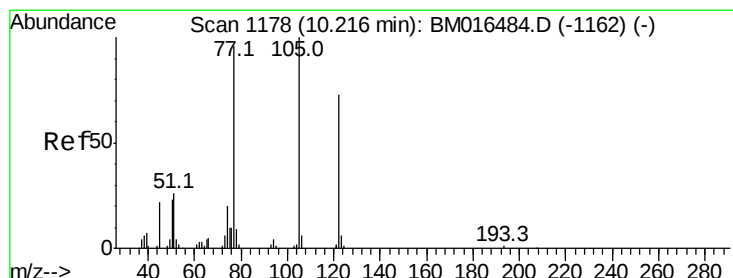
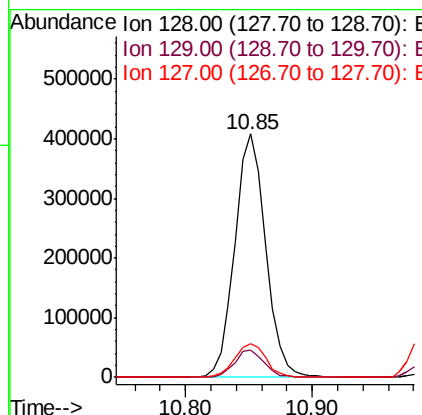
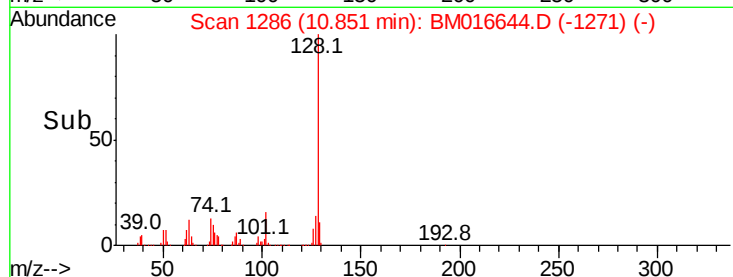
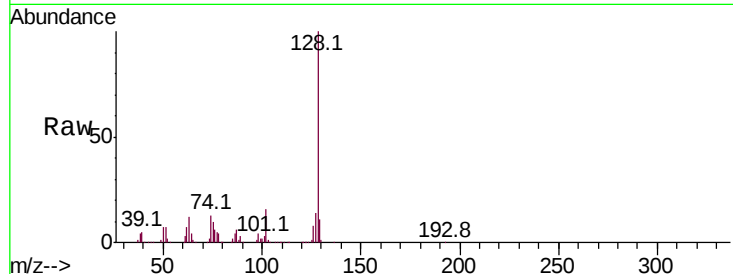
ClientSampleId :

PB112563BS

Tot Ion:	128	Resp:	688000
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.7	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 8.640 ng

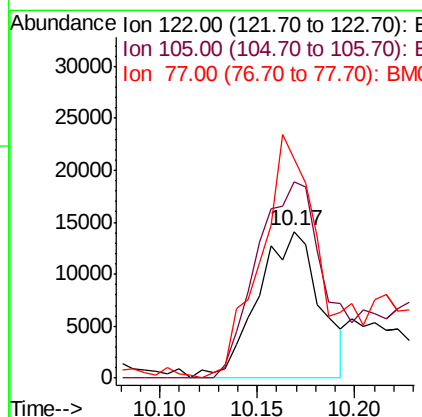
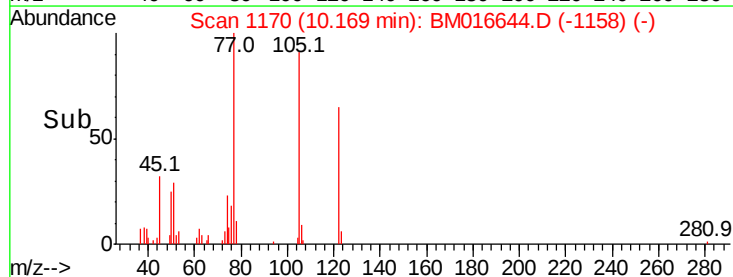
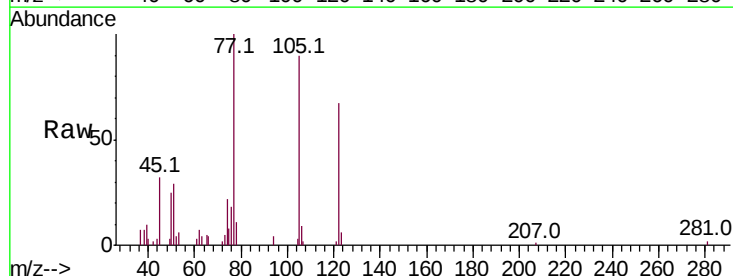
RT: 10.17 min Scan# 1170

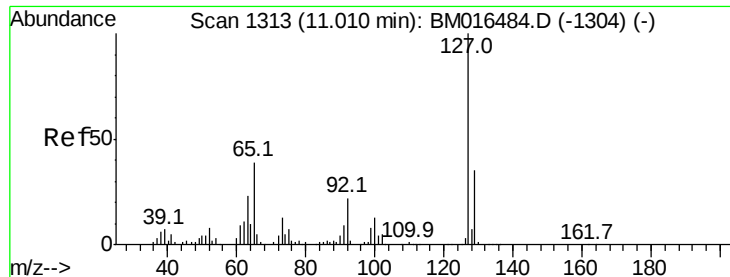
Delta R.T. -0.03 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	122	Resp:	31002
Ion	Ratio	Lower	Upper
122	100		
105	133.9	99.9	139.9
77	149.5	73.7	113.7#





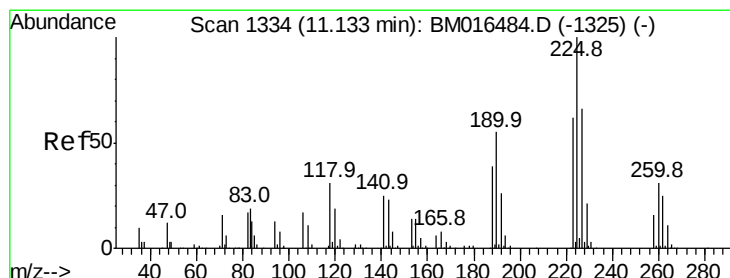
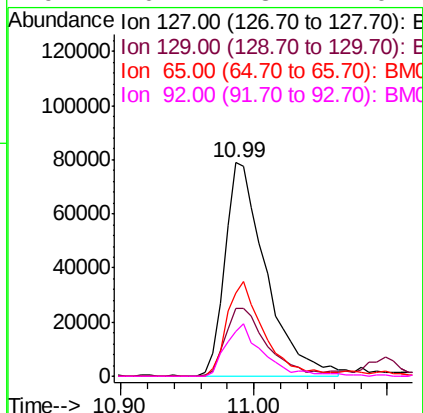
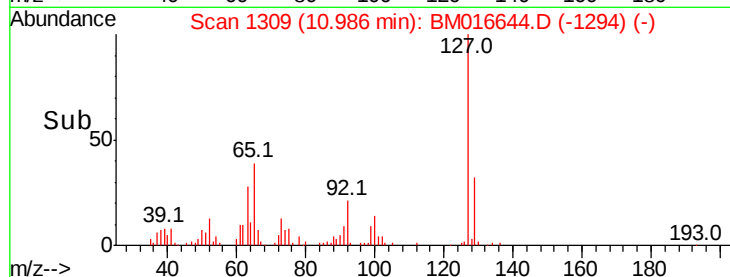
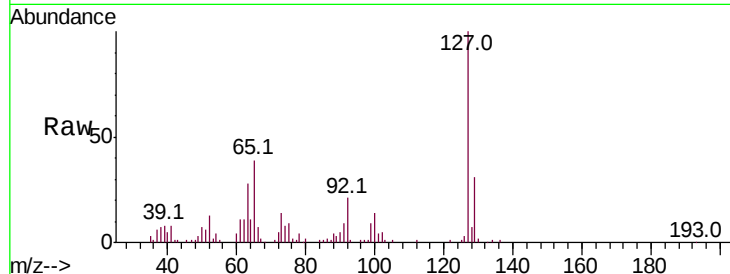
#33
4-Chloroaniline
Concen: 24.073 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.3	37.9	
65	39.2	17.6	26.4	
92	20.7	13.1	19.7	

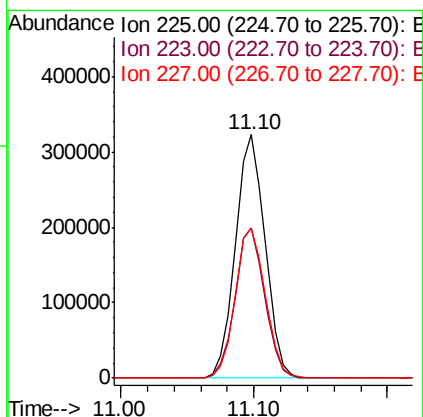
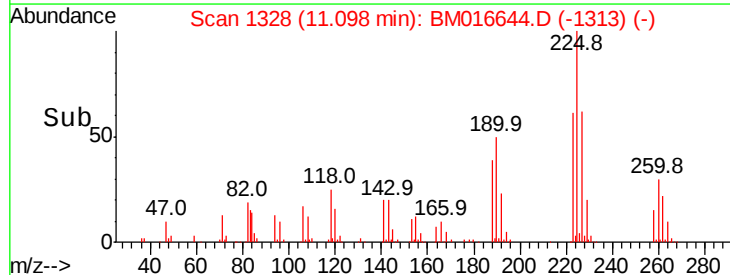
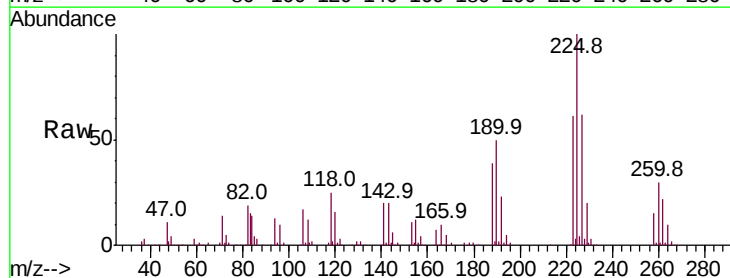
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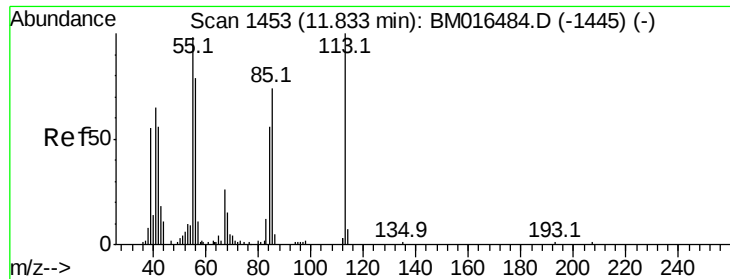
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#34
Hexachlorobutadiene
Concen: 53.388 ng
RT: 11.10 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	47.9	71.9	
227	61.9	50.1	75.1	





#35

Caprolactam

Concen: 29.152 ng/ml

RT: 11.82 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

PB112563BS

Tot Ion:113 Resp: 44900

Ion Ratio Lower Upper

113 100

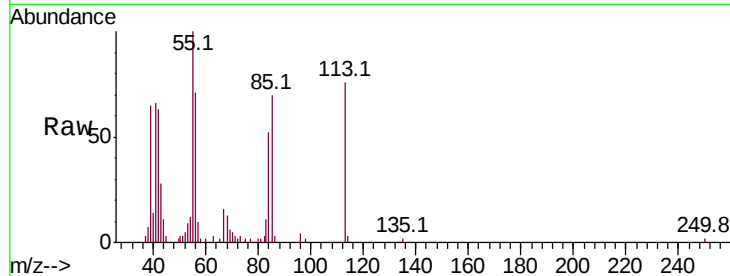
55 131.5 145.9 185.9#

56 93.8 101.0 141.0#

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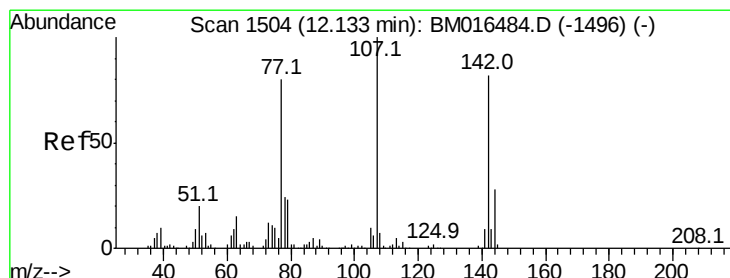
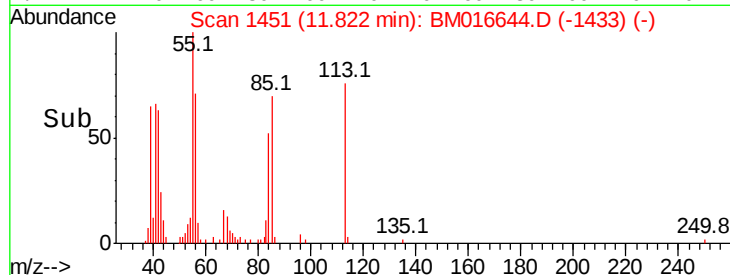
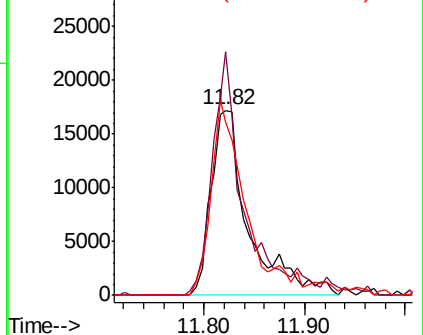
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 35.307 ng/ml

RT: 12.12 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

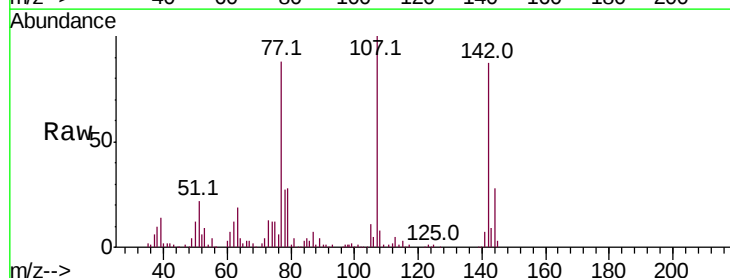
Tgt Ion:107 Resp: 217865

Ion Ratio Lower Upper

107 100

144 27.7 23.3 34.9

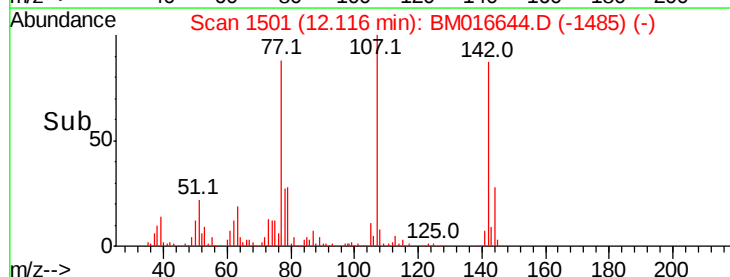
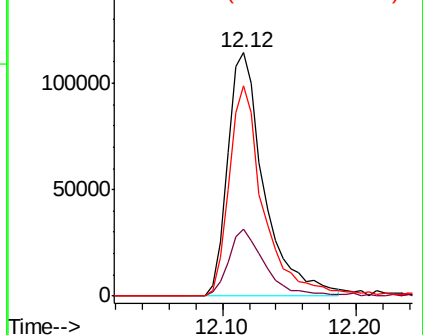
142 86.6 72.6 109.0

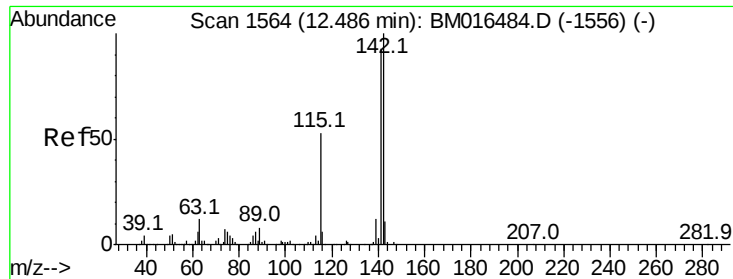


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





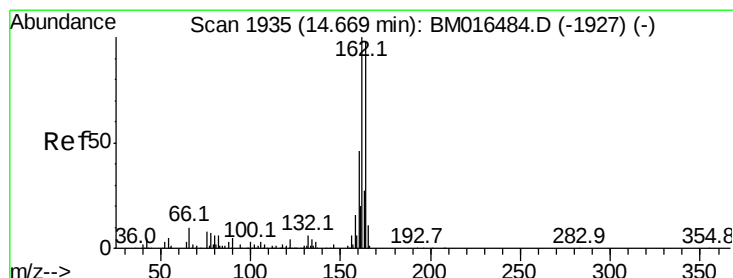
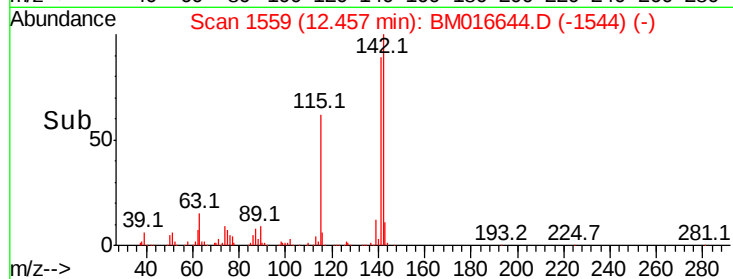
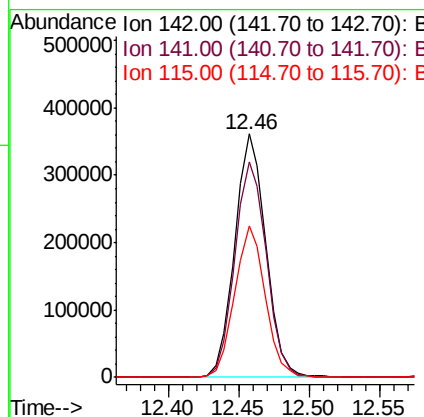
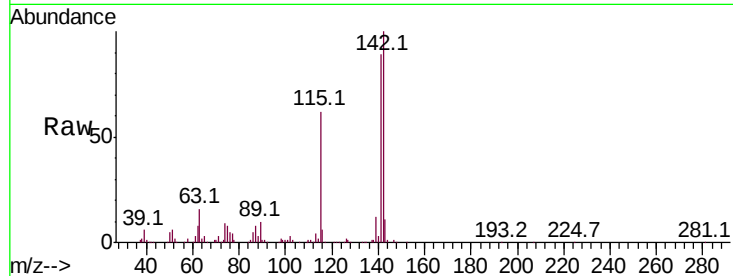
#37
2-Methylnaphthalene
Concen: 42.352 ng
RT: 12.46 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	88.6	71.9	107.9
115	62.2	25.4	38.0

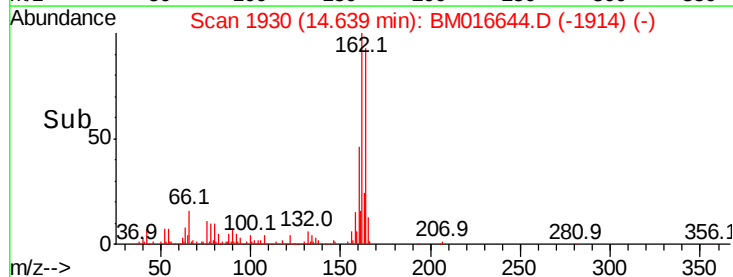
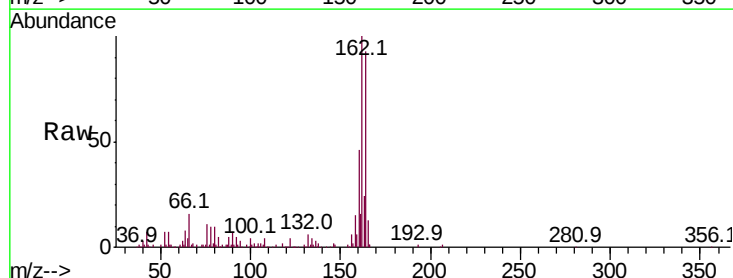
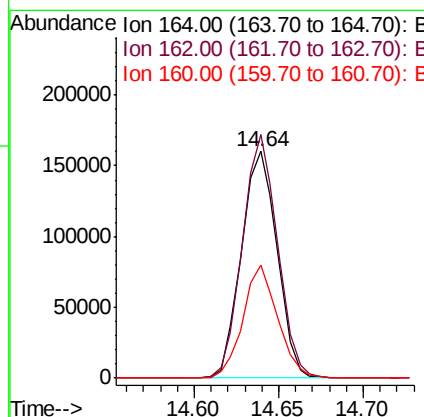
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	107.3	82.4	123.6
160	49.8	35.8	53.6





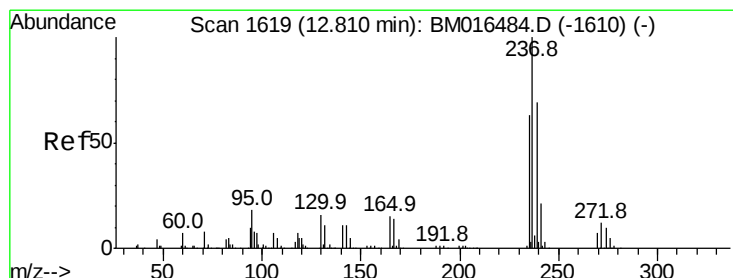
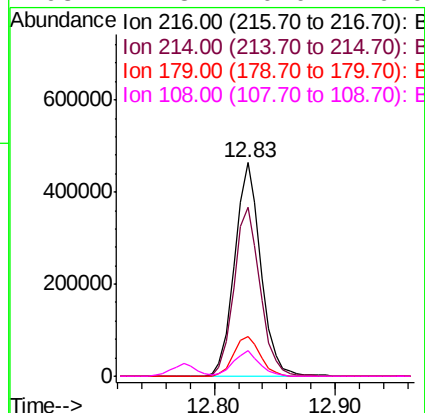
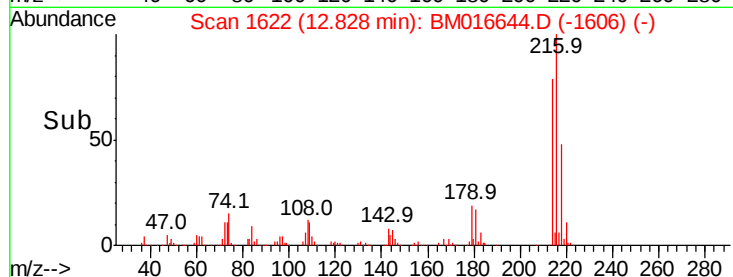
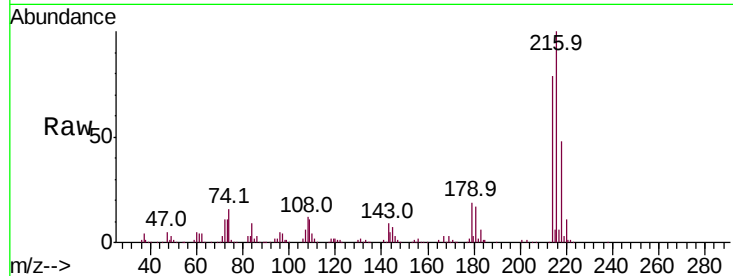
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.654 ng
 RT: 12.83 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	0.0	0.0#
179	19.1	0.0	0.0#
108	11.8	0.0	0.0#

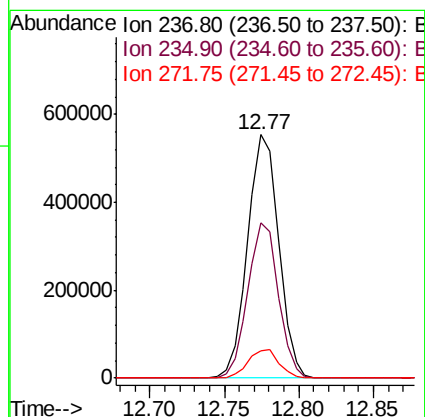
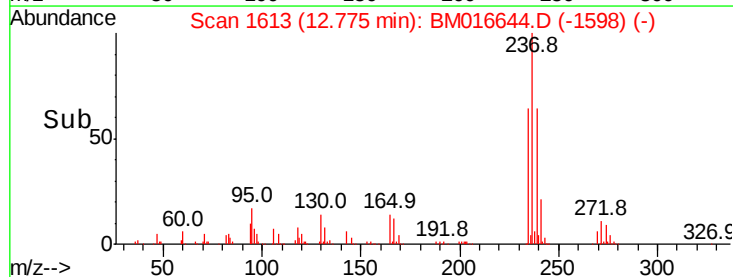
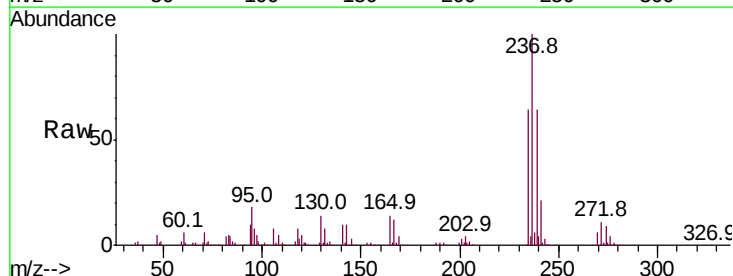
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#40
 Hexachlorocyclopentadiene
 Concen: 113.334 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.0	82.0
272	11.4	0.0	33.4





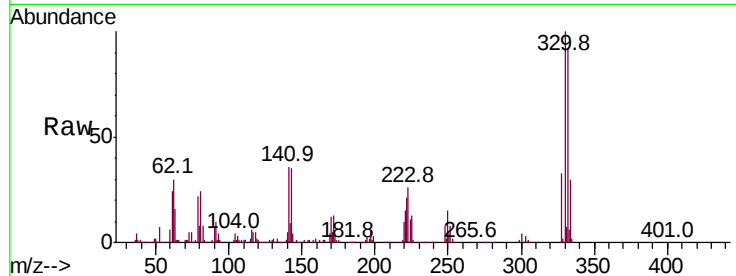
#41
 2,4,6-Tribromophenol
 Concen: 97.167 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	0.0	0.0	0.0
141	37.7	0.0	0.0	0.0

Manual Integrations
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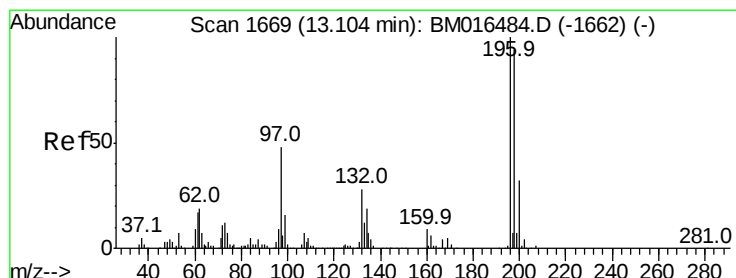
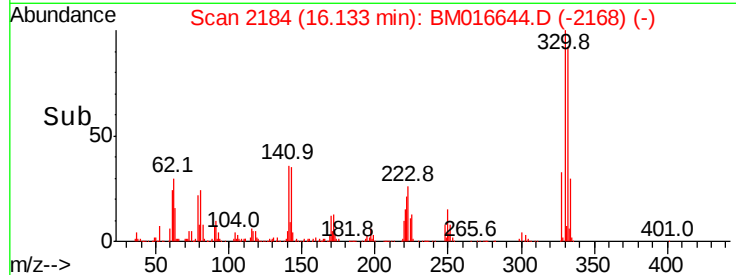
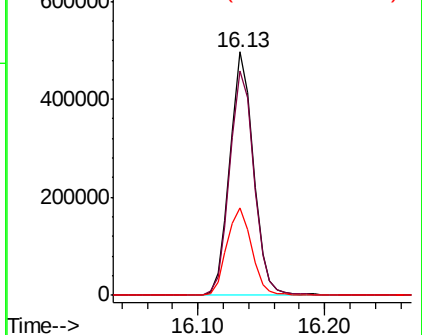


Abundance

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



#42
 2,4,6-Trichlorophenol
 Concen: 46.723 ng
 RT: 13.08 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

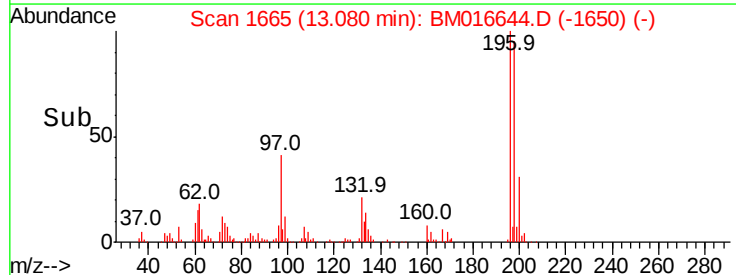
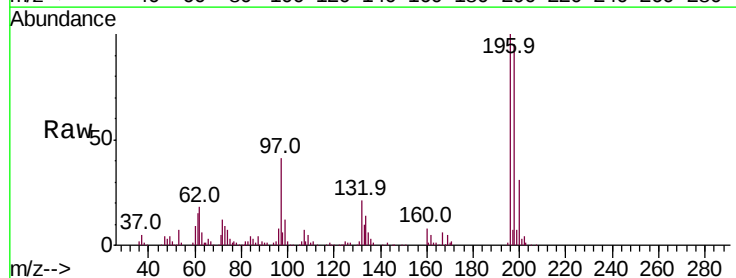
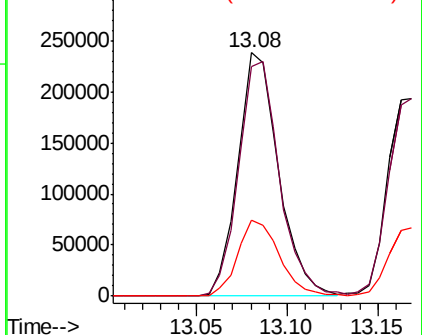
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.5	76.3	114.5	
200	31.0	25.6	38.4	

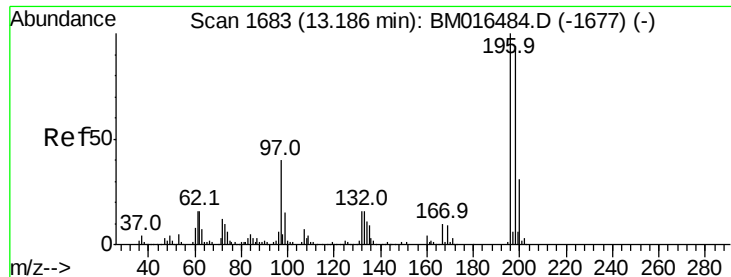
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





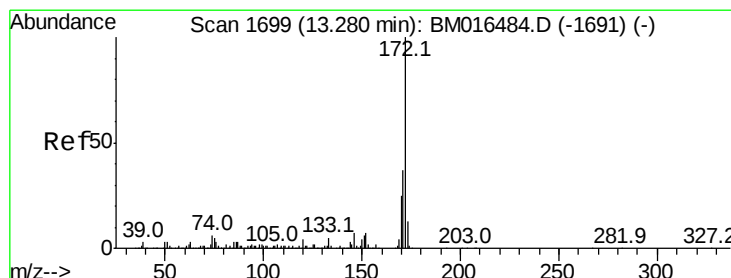
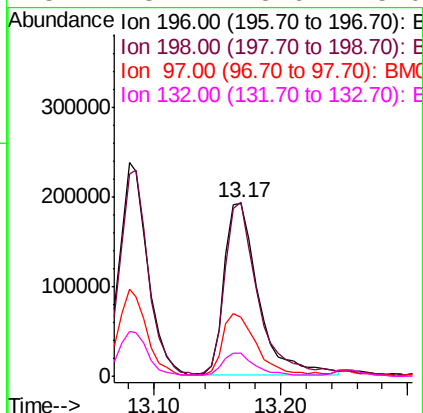
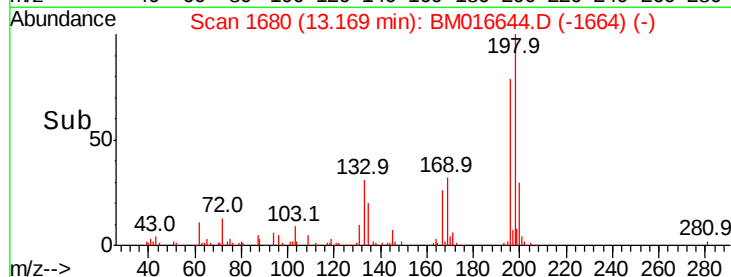
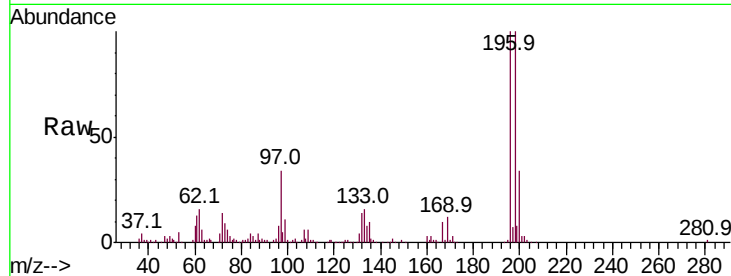
#43
 2,4,5-Trichlorophenol
 Concen: 46.171 ng
 RT: 13.17 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.5	79.4	119.0	
97	34.0	26.8	40.2	
132	13.7	18.6	28.0	

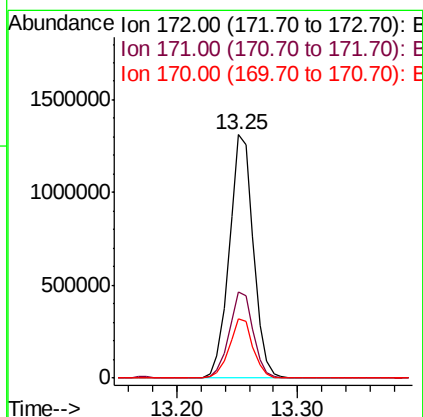
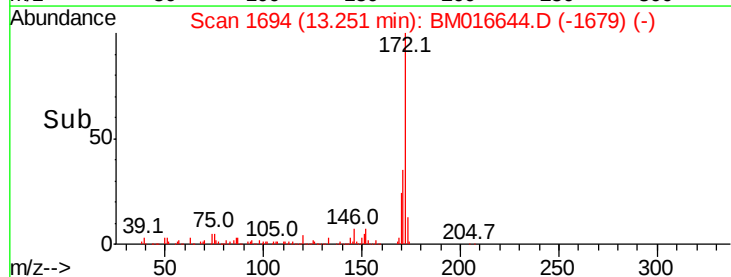
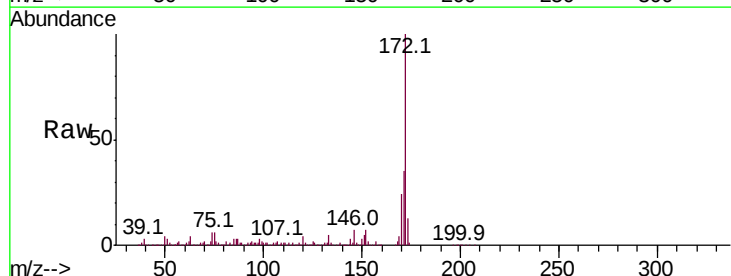
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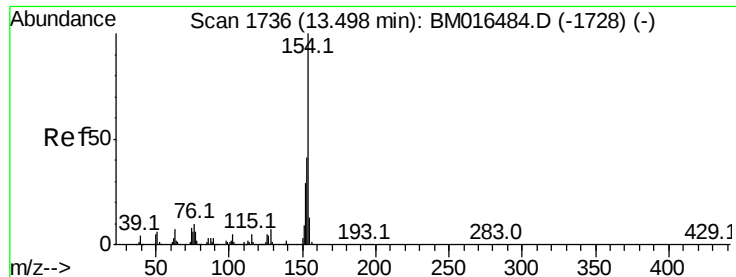
Sohil
 9/5/2018 3:29:30 PM



#44
 2-Fluorobiphenyl
 Concen: 73.989 ng
 RT: 13.25 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	28.5	42.7	
170	24.2	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 36.509 ng

RT: 13.47 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

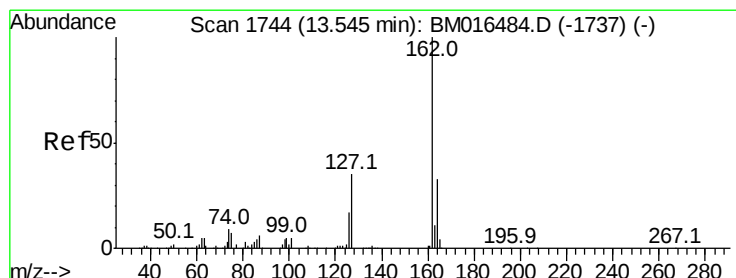
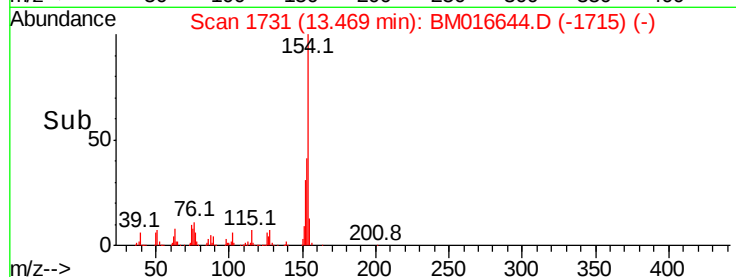
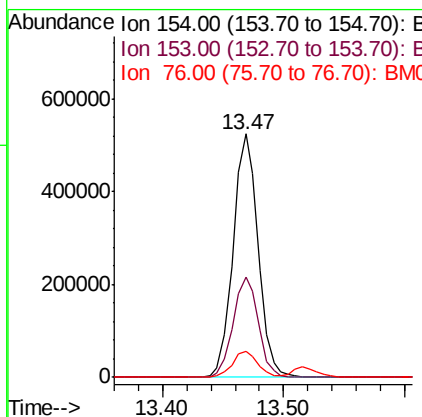
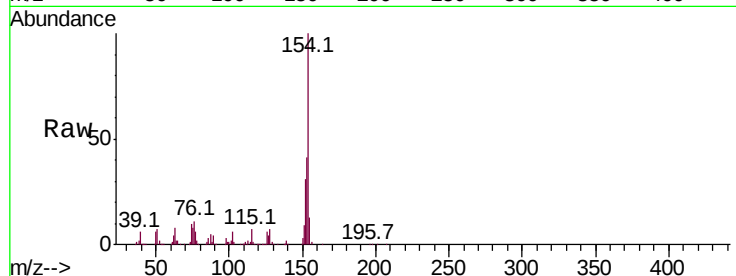
ClientSampleId :

PB112563BS

Tot Ion:	154	Resp:	755866
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.7	60.7
76	10.6	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 37.181 ng

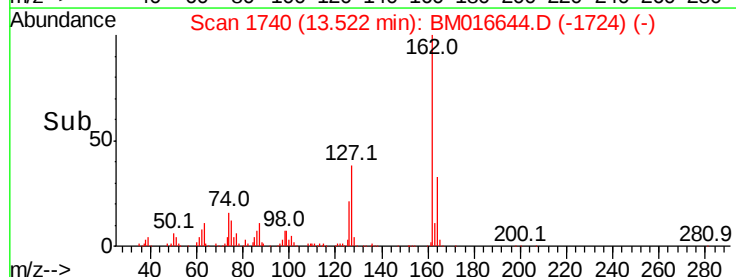
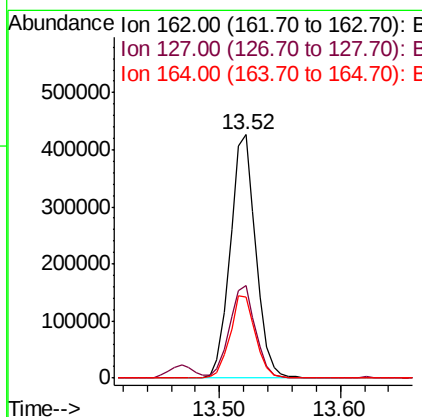
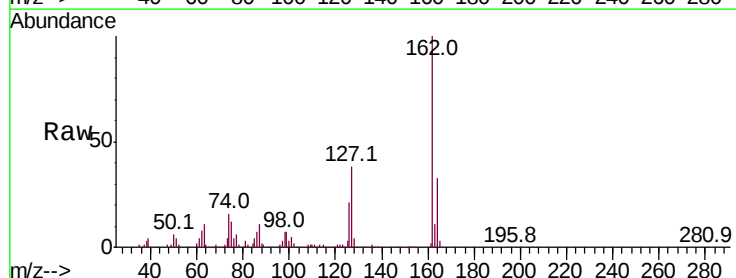
RT: 13.52 min Scan# 1740

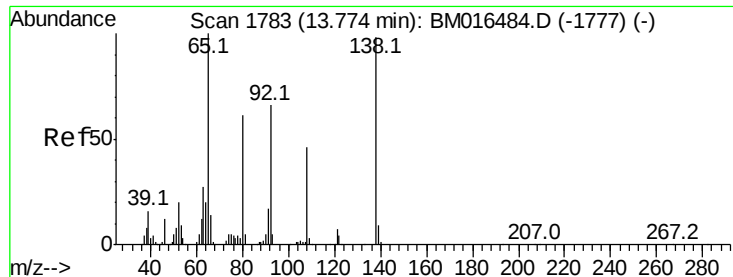
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	162	Resp:	625387
Ion Ratio	Lower	Upper	
162	100		
127	37.9	26.9	40.3
164	33.3	26.8	40.2





#47

2-Nitroaniline

Concen: 34.497 ng

RT: 13.76 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

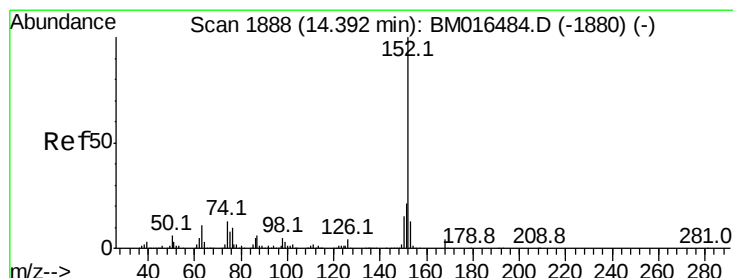
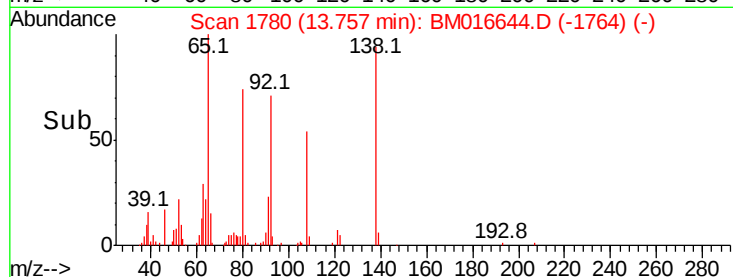
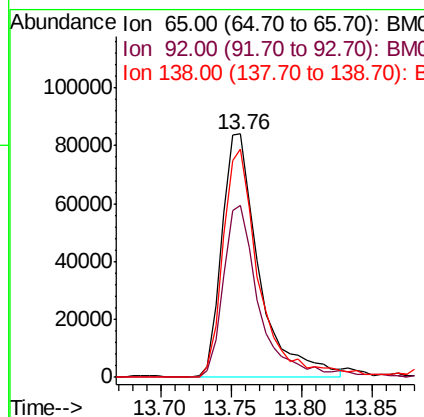
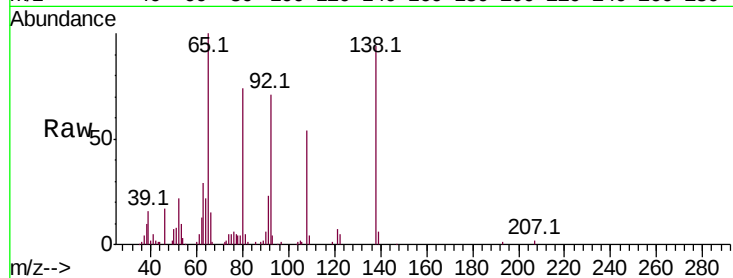
ClientSampleId :

PB112563BS

Tot Ion:	65	Resp:	154553
Ion Ratio	Lower	Upper	
65	100		
92	70.8	59.1	88.7
138	93.6	93.9	140.9#

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#48

Acenaphthylene

Concen: 38.076 ng

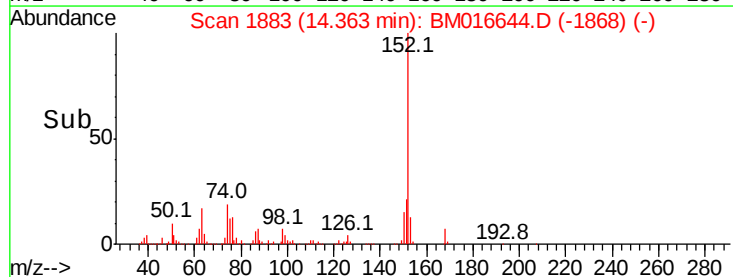
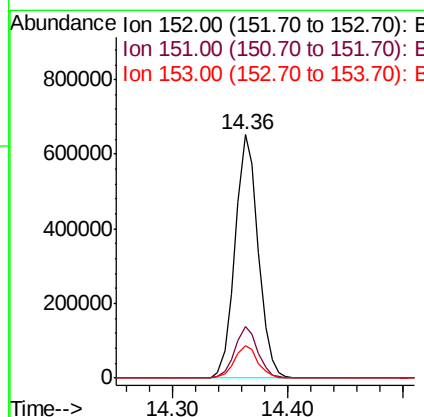
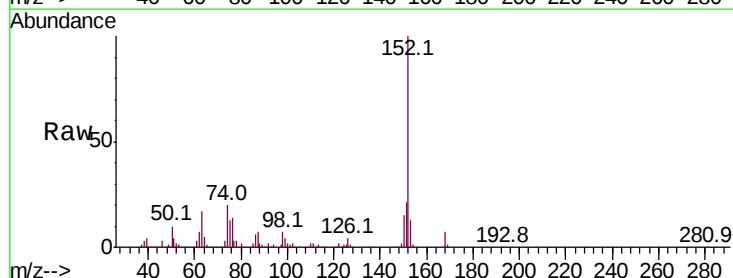
RT: 14.36 min Scan# 1883

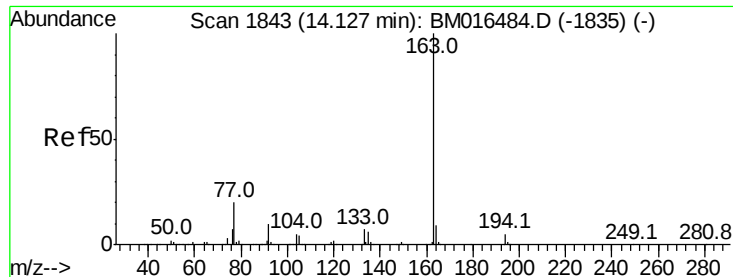
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	152	Resp:	904033
Ion Ratio	Lower	Upper	
152	100		
151	21.4	15.9	23.9
153	13.5	10.6	16.0





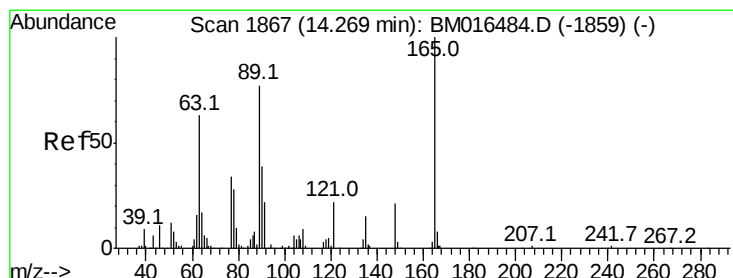
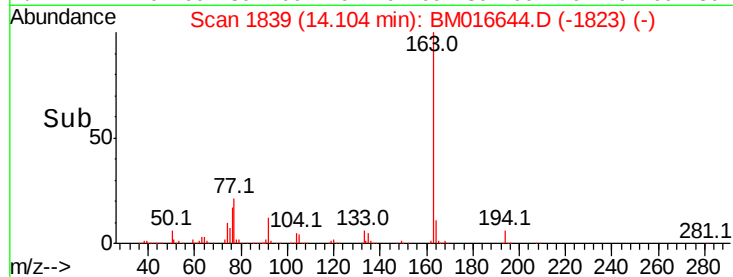
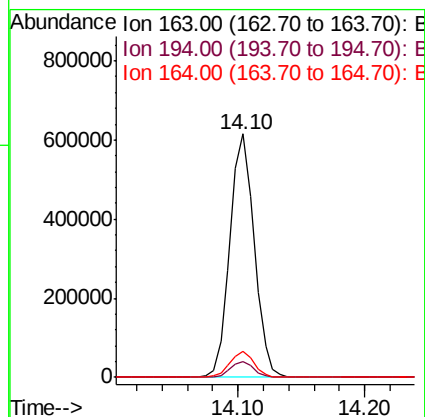
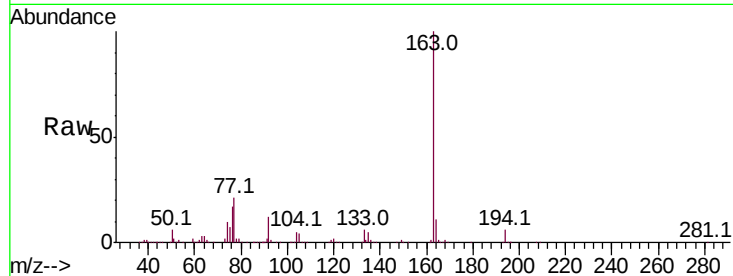
#49
Dimethylphthalate
Concen: 36.023 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	817160		
194	6.4	2.7	4.1#	
164	10.7	8.2	12.2	

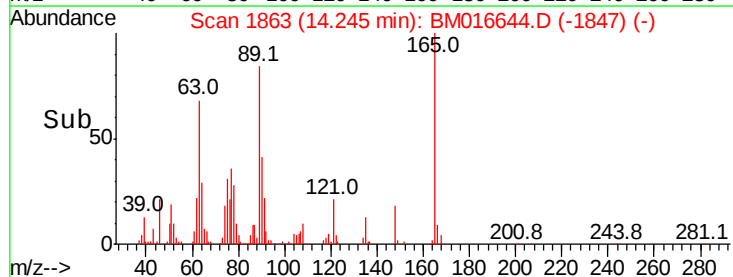
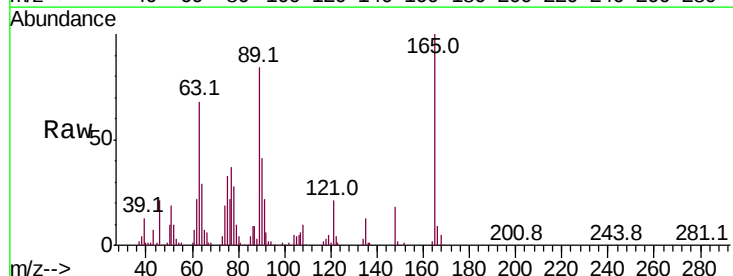
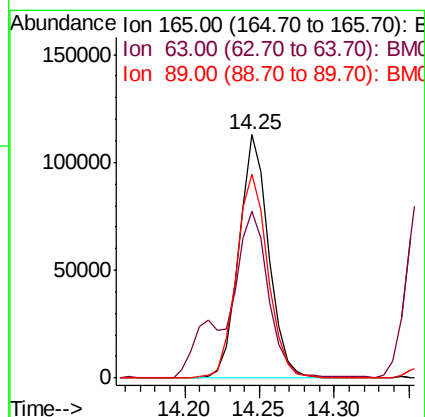
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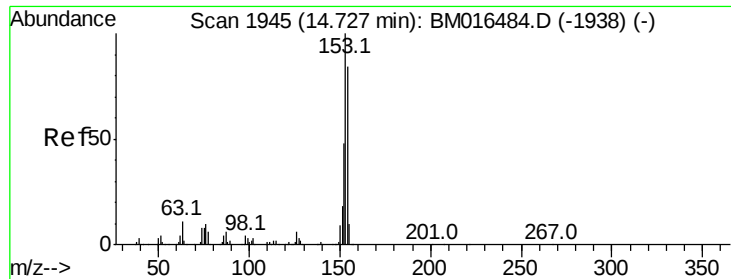
Sohil
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#50
2,6-Dinitrotoluene
Concen: 35.250 ng
RT: 14.25 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155964		
63	68.4	44.1	66.1#	
89	83.5	44.3	66.5#	





#51

Acenaphthene

Concen: 36.303 ng

RT: 14.70 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

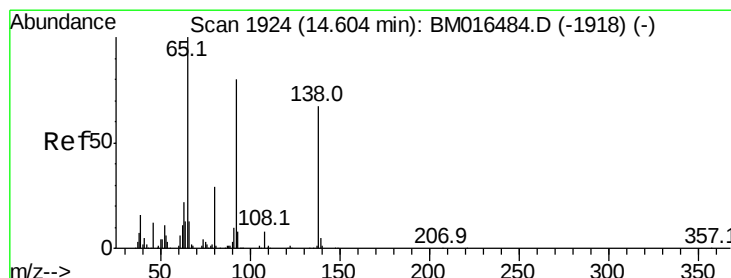
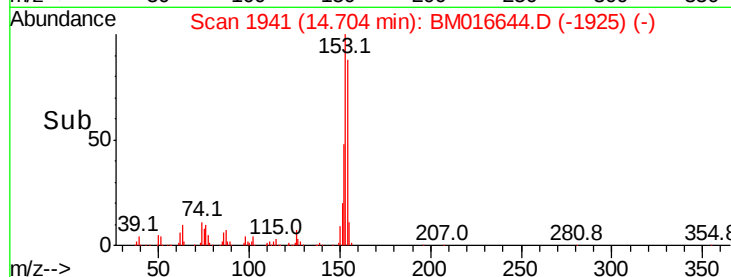
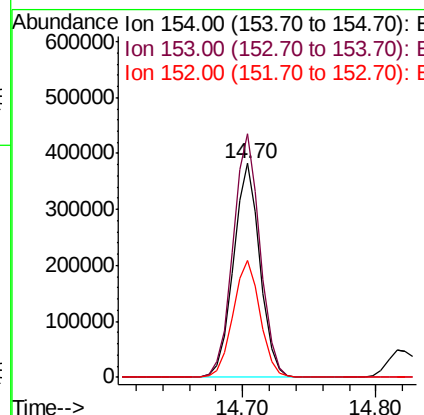
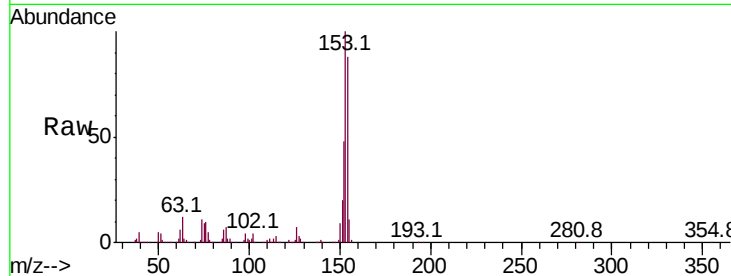
ClientSampleId :

PB112563BS

Tot Ion:	154	Resp:	529539
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.0	135.0
152	54.8	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 22.852 ng

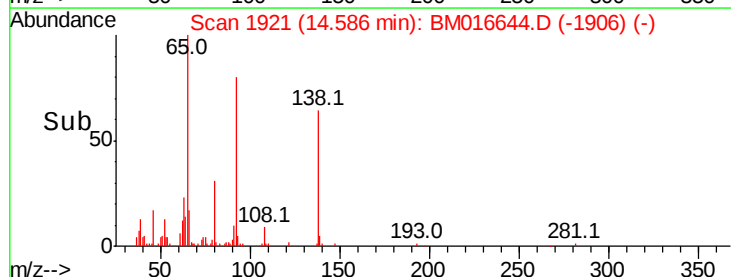
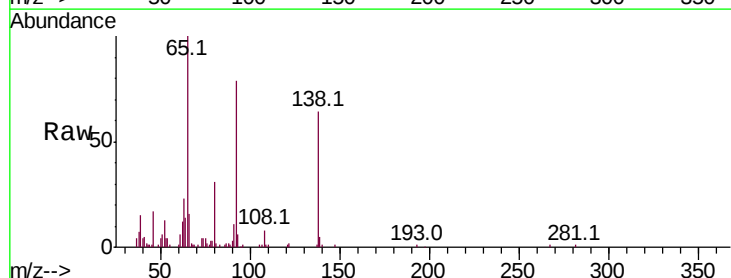
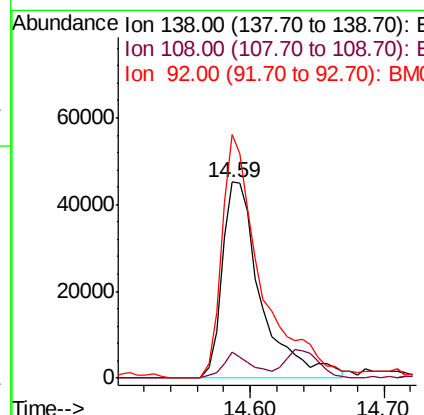
RT: 14.59 min Scan# 1921

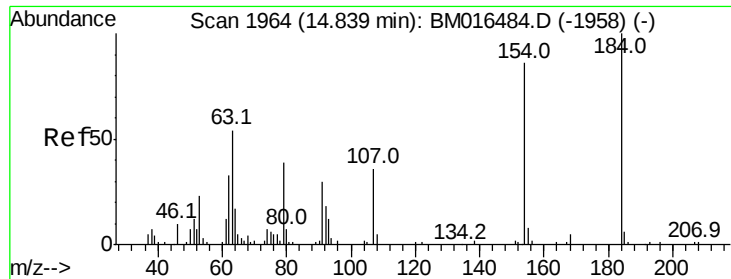
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	138	Resp:	91999
Ion Ratio	Lower	Upper	
138	100		
108	13.2	7.3	10.9#
92	124.3	76.6	114.8#





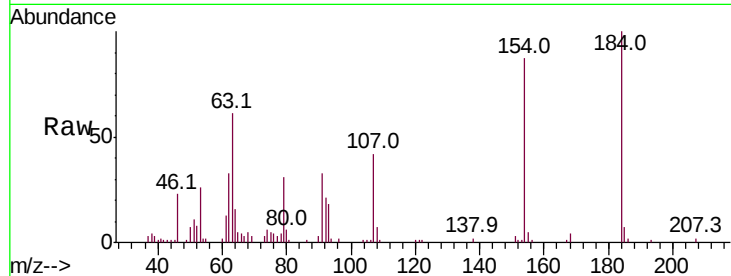
#53
2,4-Dinitrophenol
Concen: 55.252 ng
RT: 14.82 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.4	69.2	103.8#	
154	86.9	53.3	79.9#	

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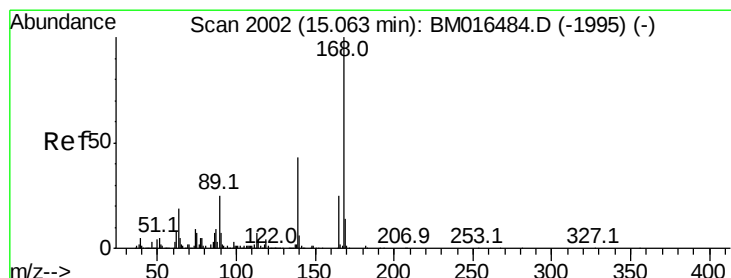
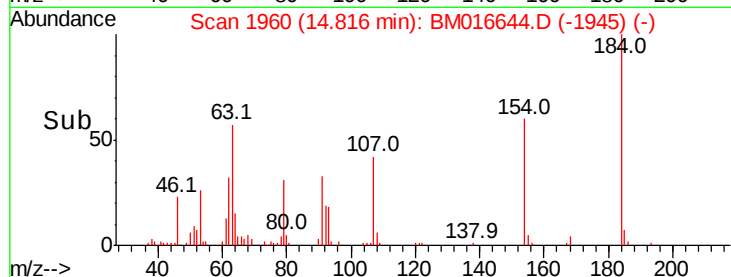
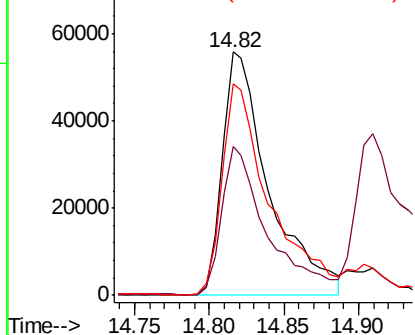


Abundance

Ion 184.00 (183.70 to 184.70): E

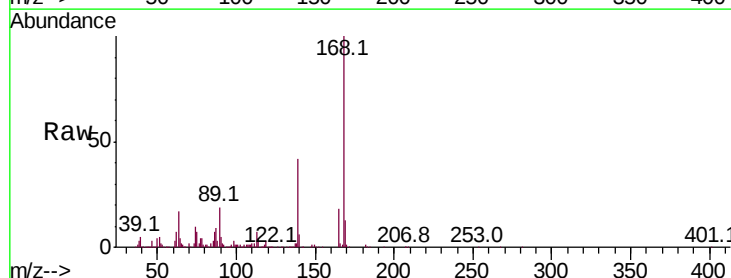
Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 36.878 ng
RT: 15.04 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.6	27.3	40.9#	
169	13.2	10.6	16.0	

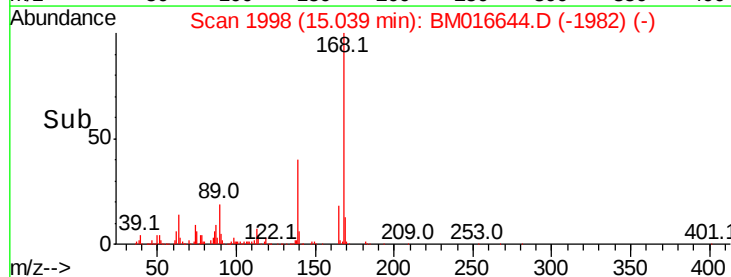
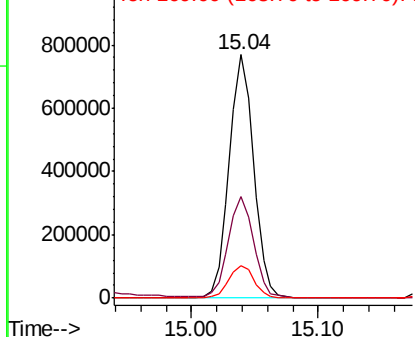


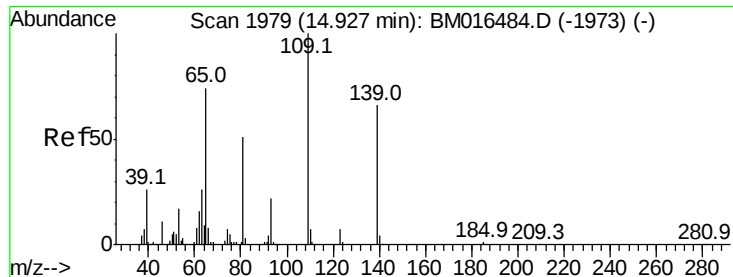
Abundance

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





#55

4-Nitrophenol

Concen: 56.250 ng

RT: 14.91 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

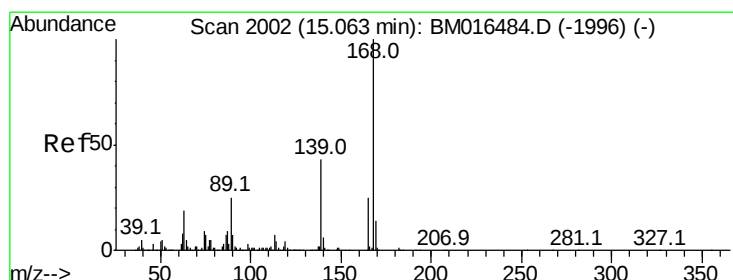
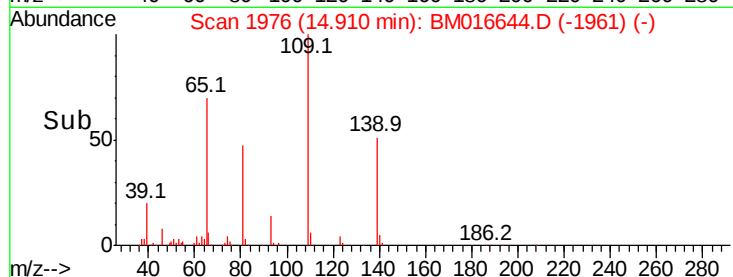
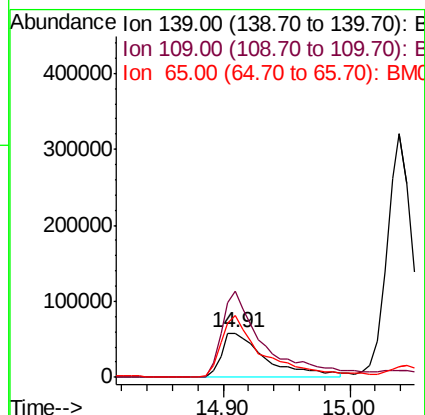
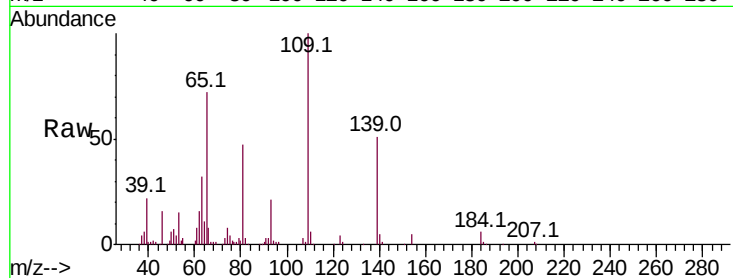
ClientSampleId :

PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	194.6	130.0	170.0#	
65	139.2	130.0	170.0	

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#56

2,4-Dinitrotoluene

Concen: 31.277 ng

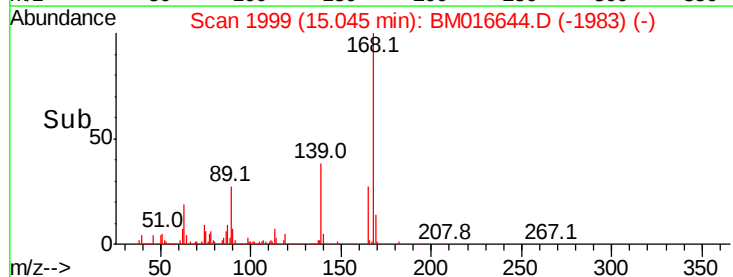
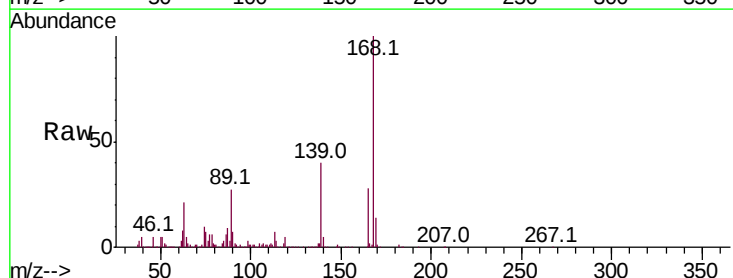
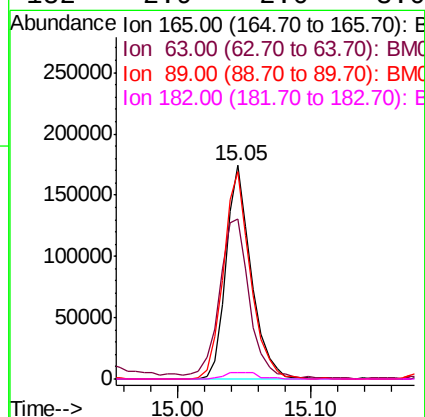
RT: 15.05 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.7	52.4	78.6	
89	97.4	72.4	108.6	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 38.079 ng

RT: 15.69 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

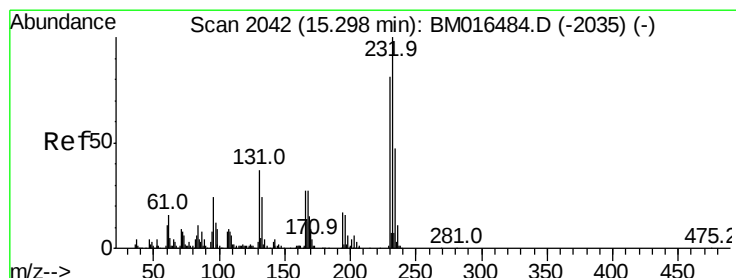
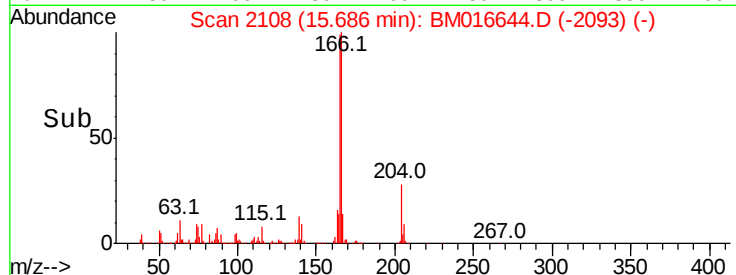
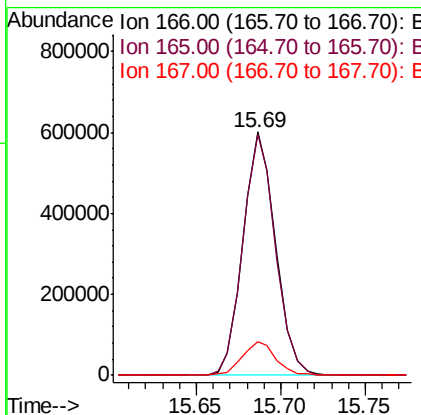
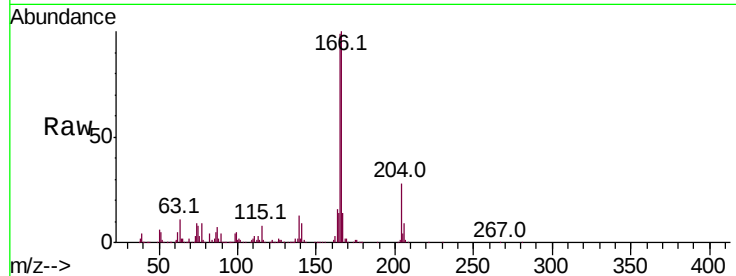
ClientSampleId :

PB112563BS

Tot Ion:	166	Resp:	803247
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.0	118.4
167	13.7	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.352 ng

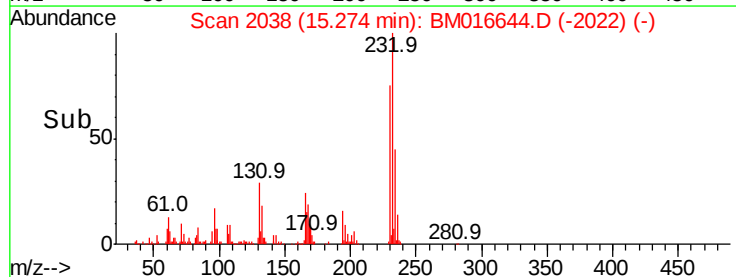
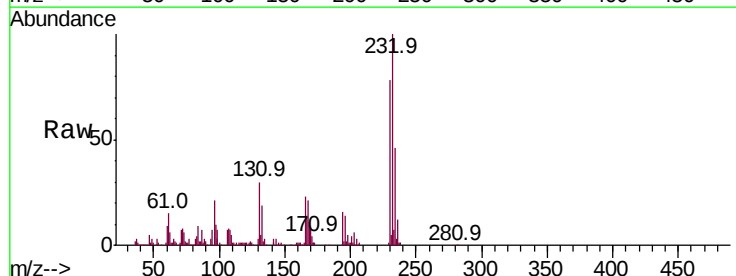
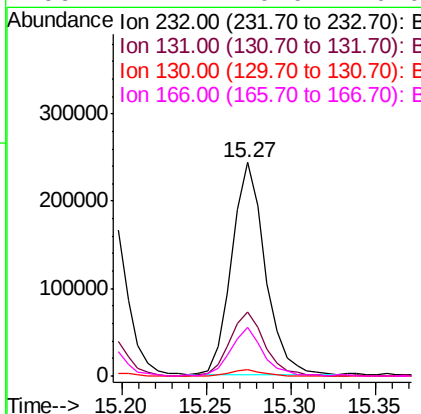
RT: 15.27 min Scan# 2038

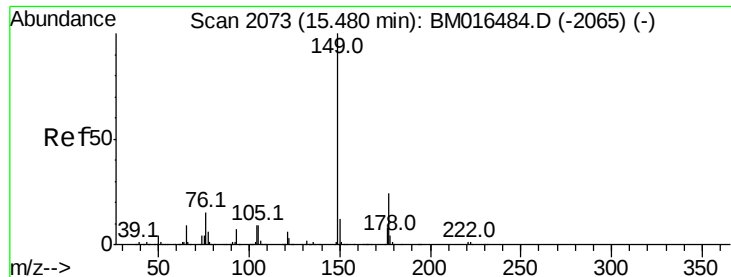
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	232	Resp:	332051
Ion Ratio	Lower	Upper	
232	100		
131	31.5	0.0	0.0#
130	2.8	0.0	0.0#
166	22.4	0.0	0.0#





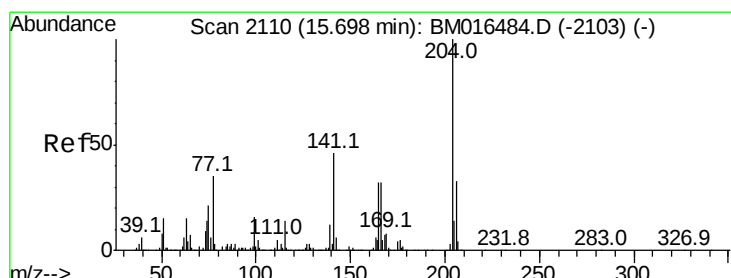
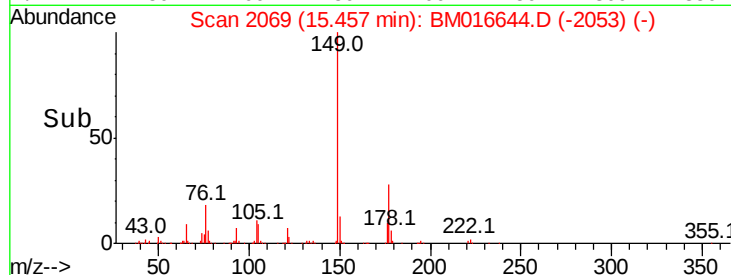
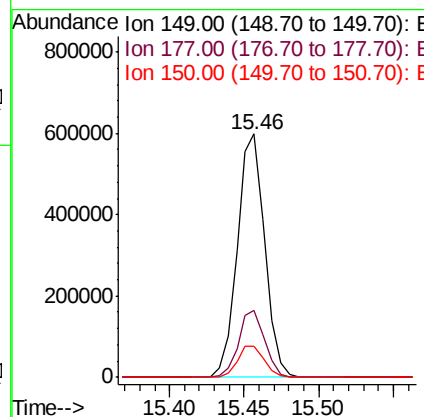
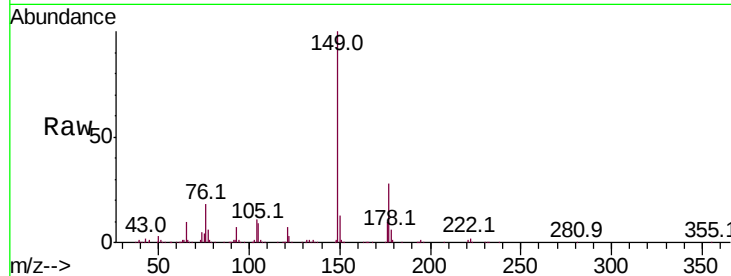
#59
Diethylphthalate
Concen: 32.415 ng
RT: 15.46 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	27.5	18.3	27.5#	
150	12.7	9.8	14.8	

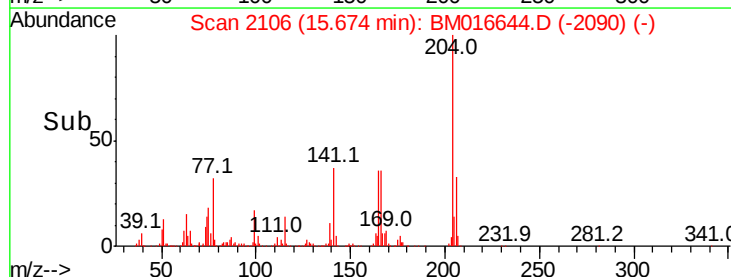
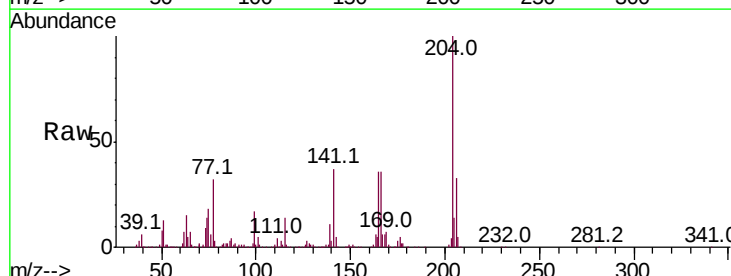
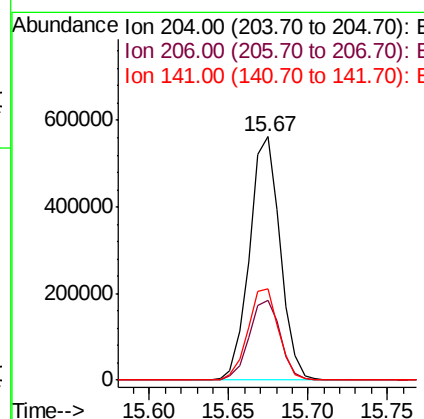
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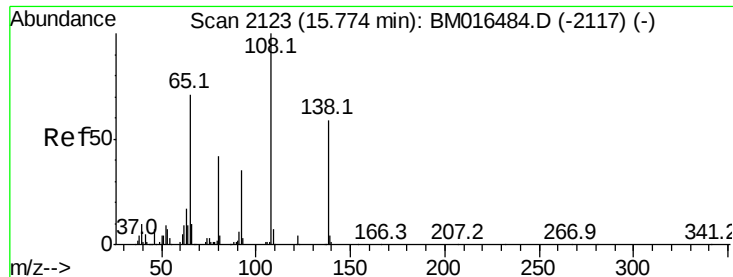
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.551 ng
RT: 15.67 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.7	26.6	39.8	
141	37.3	45.2	67.8#	





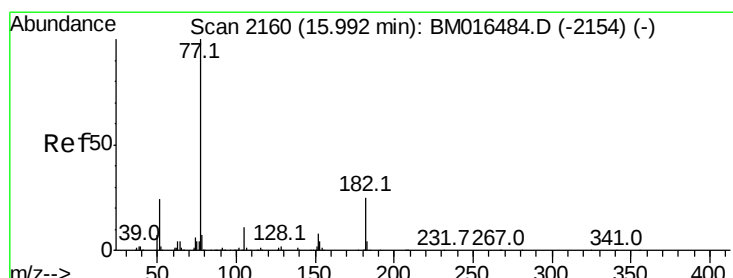
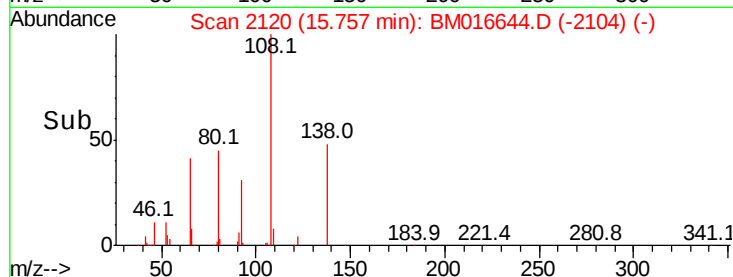
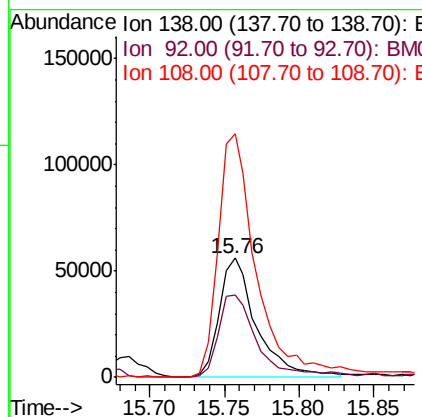
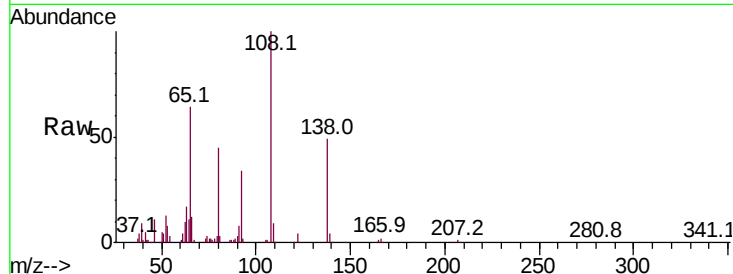
#61
4-Nitroaniline
Concen: 25.034 ng
RT: 15.76 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.6	16.7	56.7#
108	203.9	37.6	77.6#

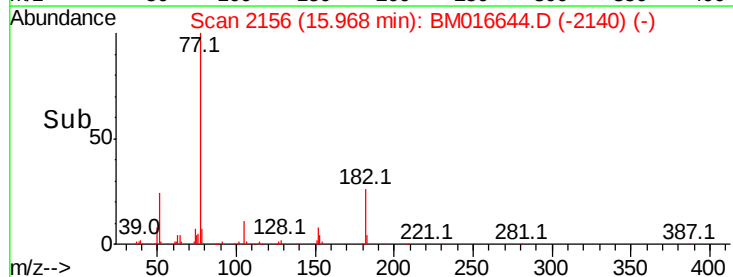
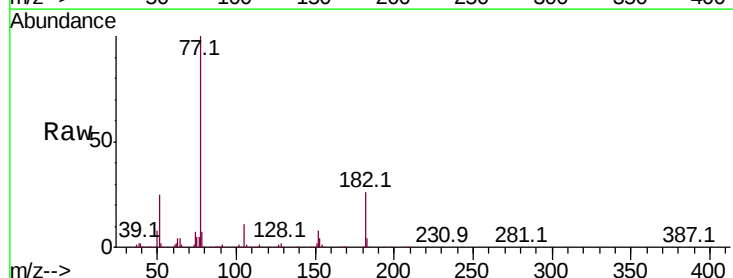
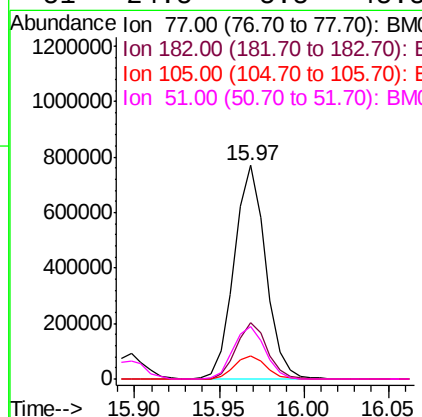
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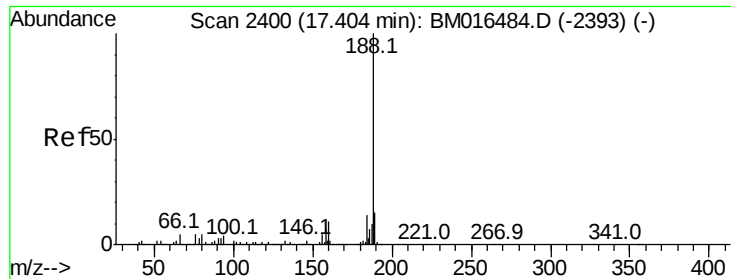
Sohil
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#62
Azobenzene
Concen: 39.440 ng
RT: 15.97 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.5	46.5
105	11.1	3.8	43.8
51	24.5	5.5	45.5





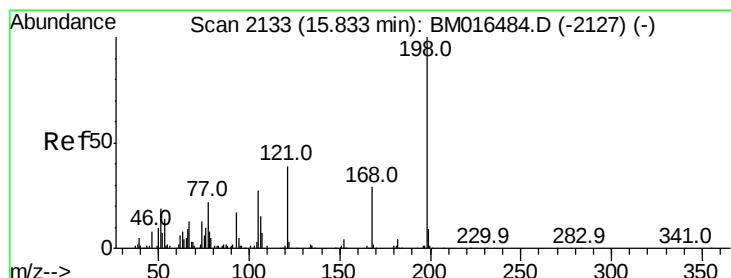
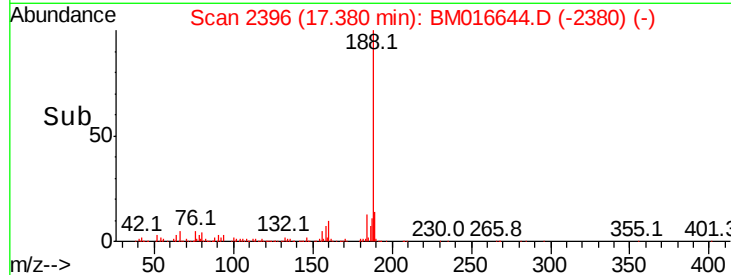
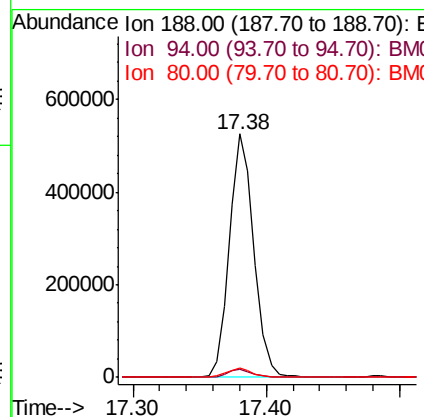
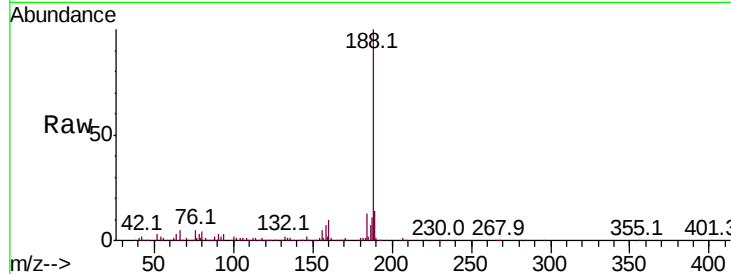
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	3.1	8.7	13.1#
80	3.6	9.3	13.9#

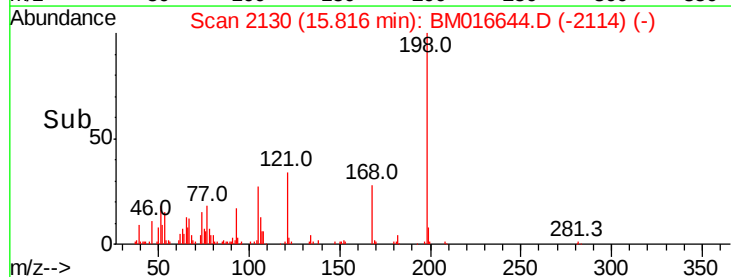
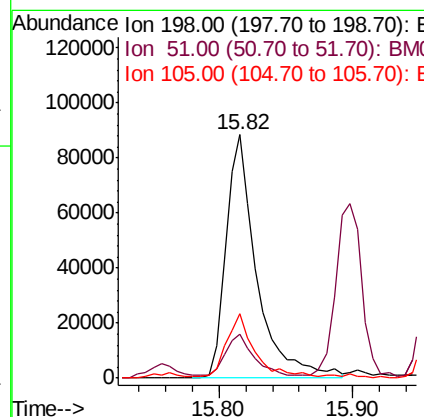
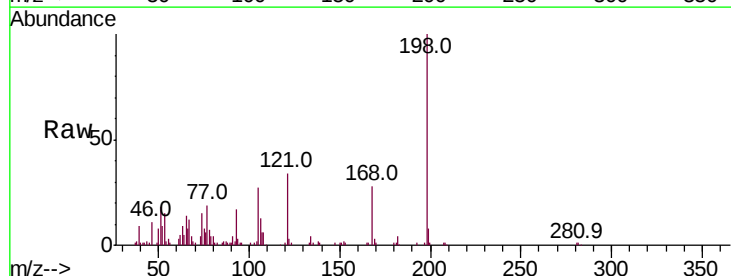
Manual Integrations
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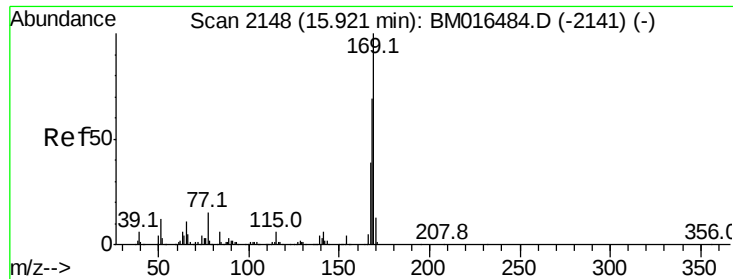
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.668 ng
RT: 15.82 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	17.9	28.8	68.8#
105	26.5	30.5	70.5#





#65

n-Nitrosodiphenylamine

Concen: 35.099 ng

RT: 15.90 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

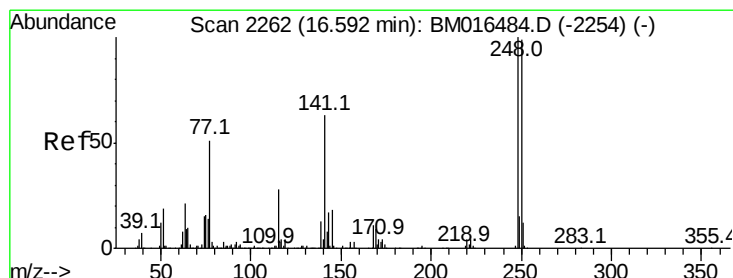
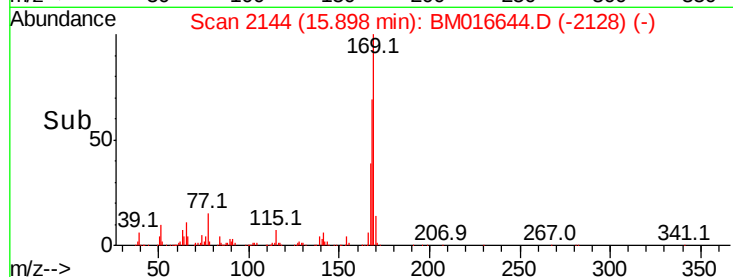
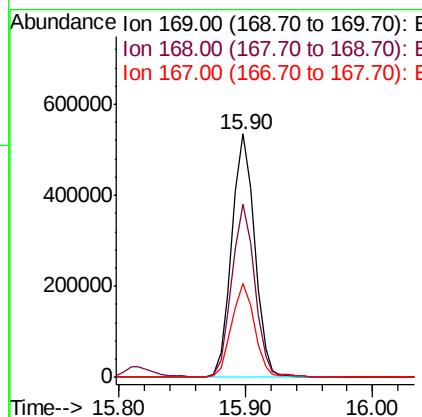
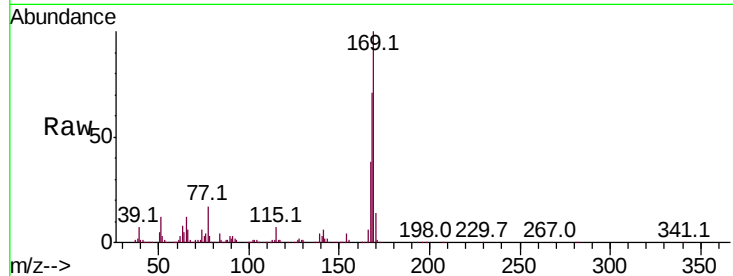
ClientSampleId :

PB112563BS

Tot Ion:	169	Resp:	668104
Ion Ratio	Lower	Upper	
169	100		
168	71.1	53.9	80.9
167	38.5	28.9	43.3

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#66

4-Bromophenyl-phenylether

Concen: 43.982 ng

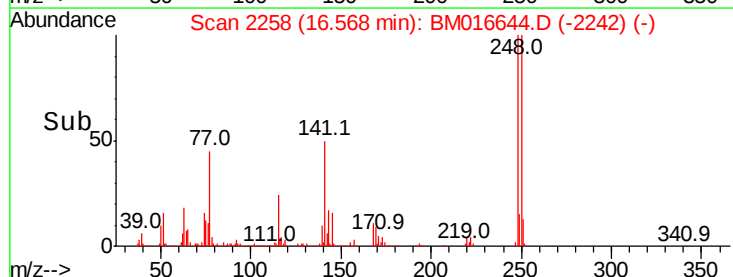
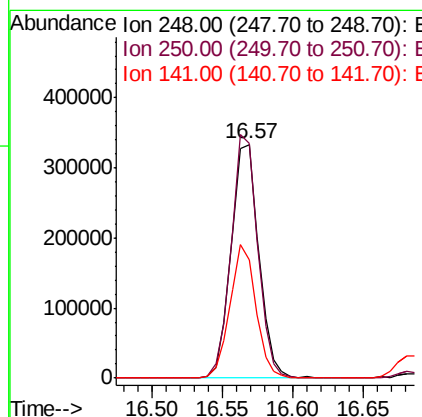
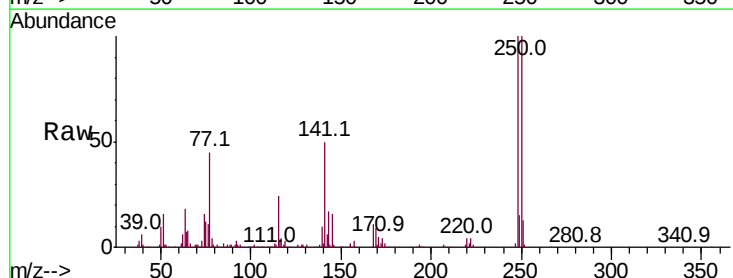
RT: 16.57 min Scan# 2258

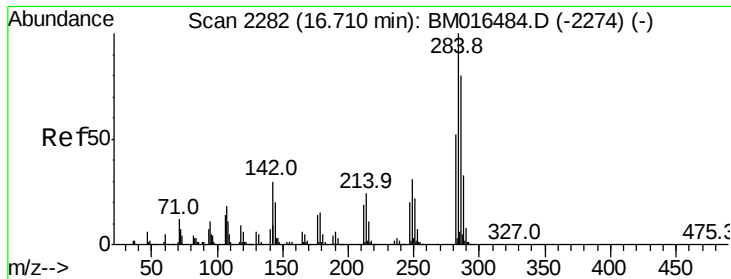
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	248	Resp:	457262
Ion Ratio	Lower	Upper	
248	100		
250	100.2	77.4	116.0
141	50.5	45.2	67.8





#67

Hexachlorobenzene

Concen: 41.273 ng

RT: 16.69 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

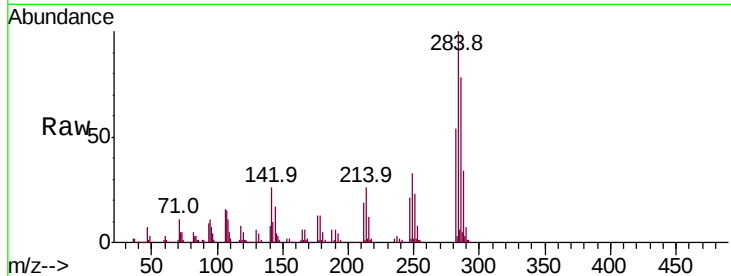
ClientSampleId :

PB112563BS

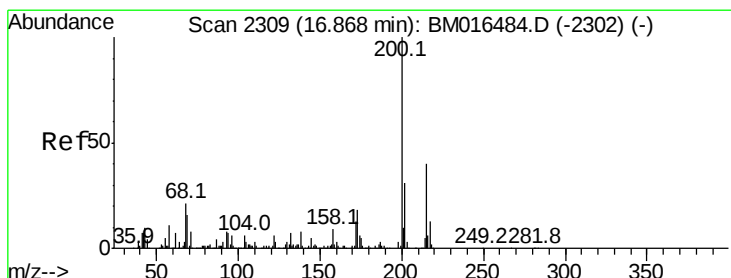
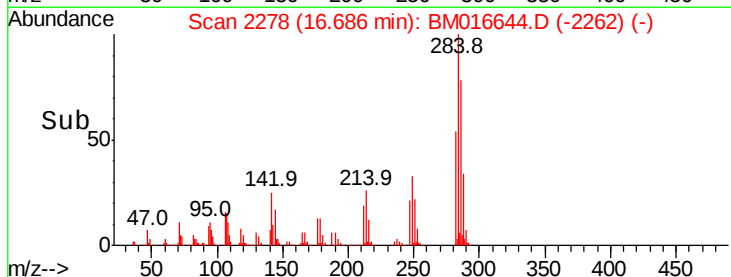
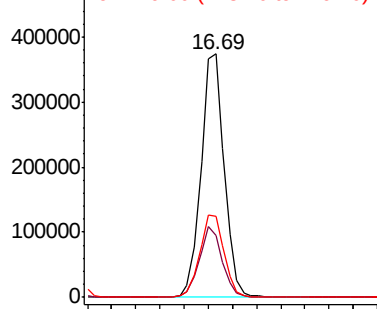
Tot Ion:	284	Resp:	500404
Ion Ratio		Lower	Upper
284	100		
142	25.5	20.4	30.6
249	33.3	23.8	35.6

Manual Integrations
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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



#68

Atrazine

Concen: 43.064 ng

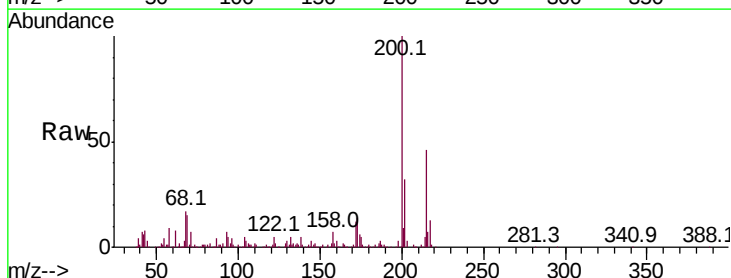
RT: 16.84 min Scan# 2305

Delta R.T. -0.01 min

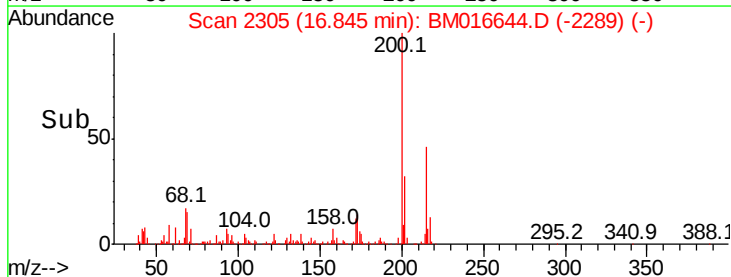
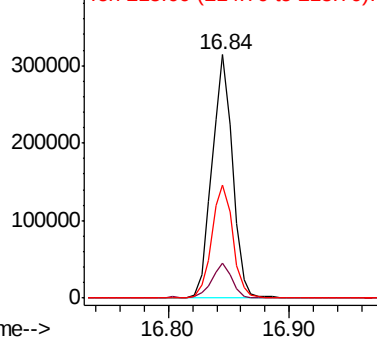
Lab File: BM016644.D

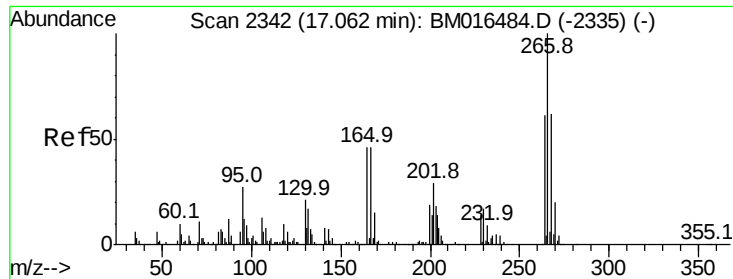
Acq: 04 Sep 2018 13:54

Tgt Ion:	200	Resp:	374090
Ion Ratio		Lower	Upper
200	100		
173	14.4	4.8	44.8
215	46.4	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





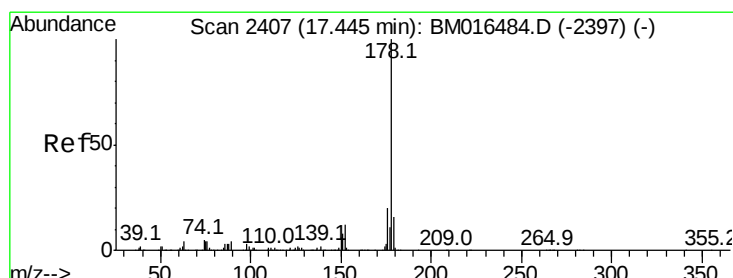
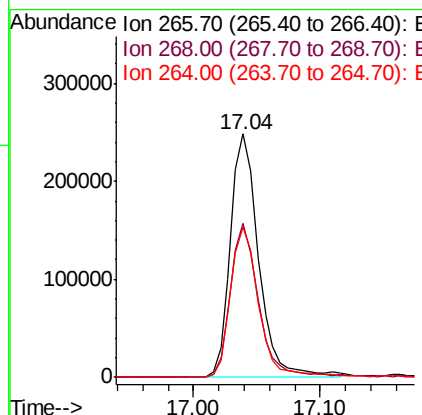
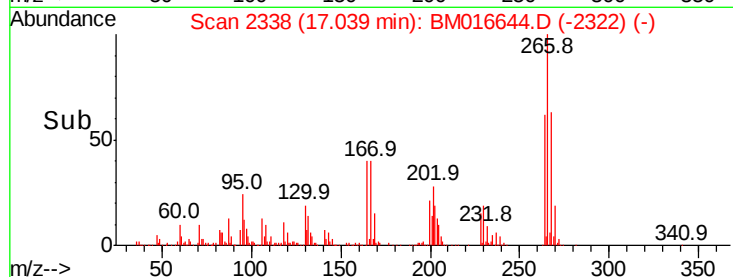
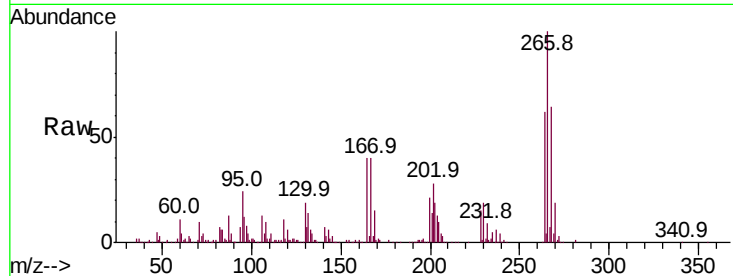
#69
 Pentachlorophenol
 Concen: 59.701 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	52.0	78.0	
264	61.8	49.0	73.4	

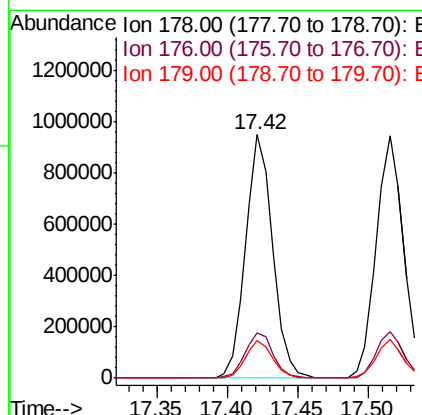
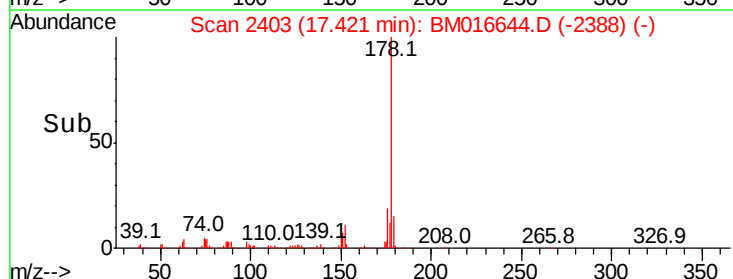
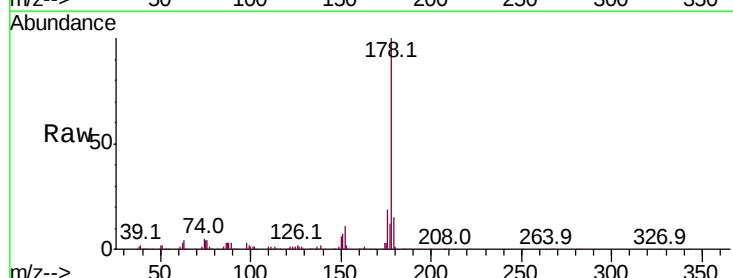
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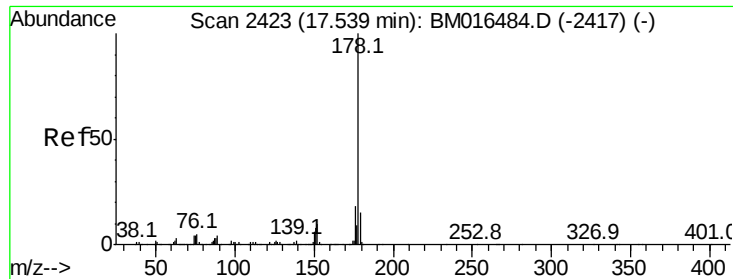
Sohil
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#70
 Phenanthrene
 Concen: 36.648 ng
 RT: 17.42 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.7	15.2	22.8	
179	15.3	12.1	18.1	





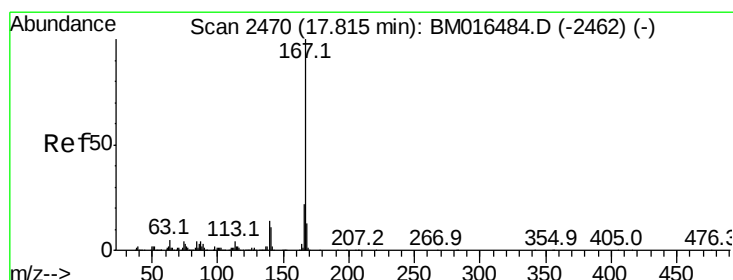
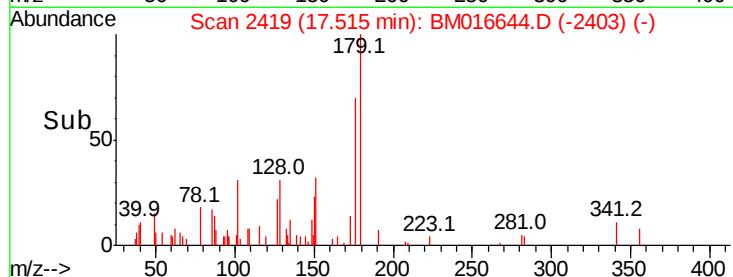
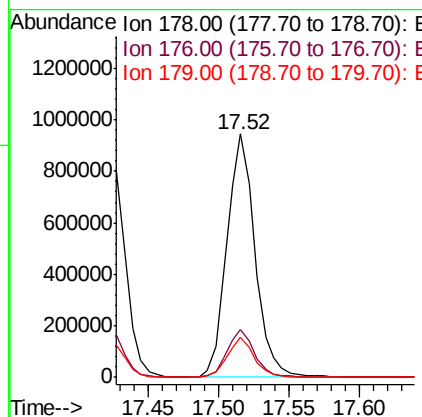
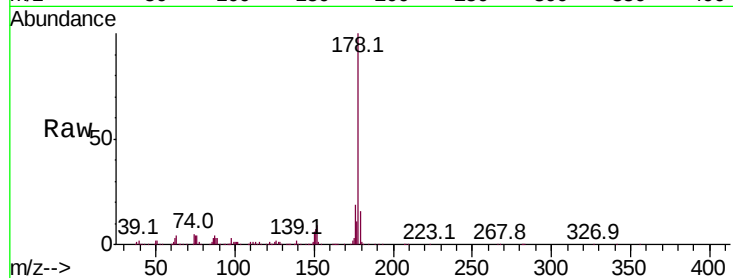
#71
 Anthracene
 Concen: 37.511 ng
 RT: 17.52 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	16.3	12.6	19.0

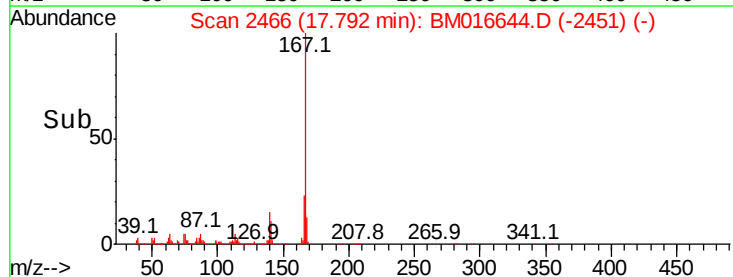
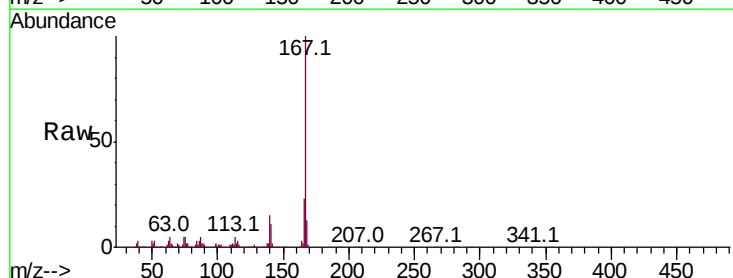
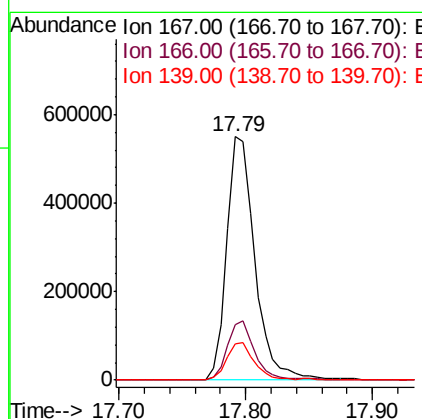
Manual Integrations
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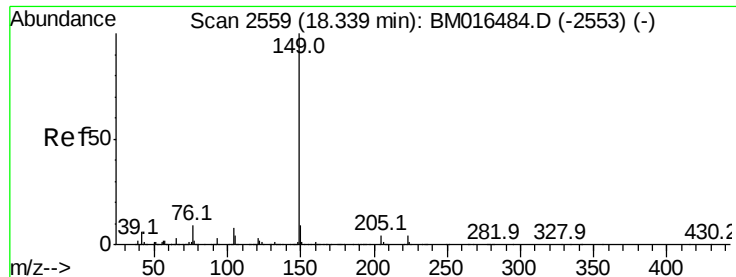
Sohil
 9/5/2018 3:29:30 PM



#72
 Carbazole
 Concen: 27.180 ng
 RT: 17.79 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	14.8	10.8	16.2





#73

Di-n-butylphthalate

Concen: 31.456 ng

RT: 18.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

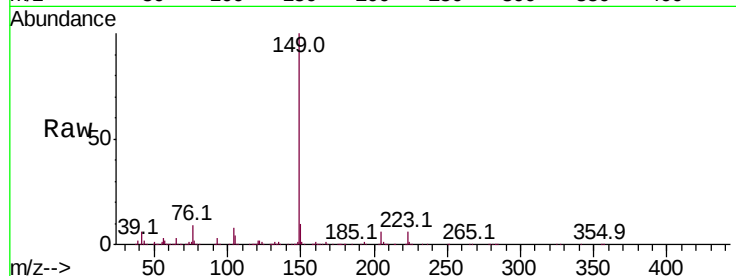
ClientSampleId :

PB112563BS

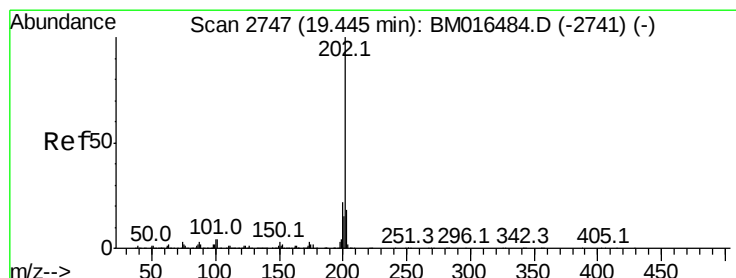
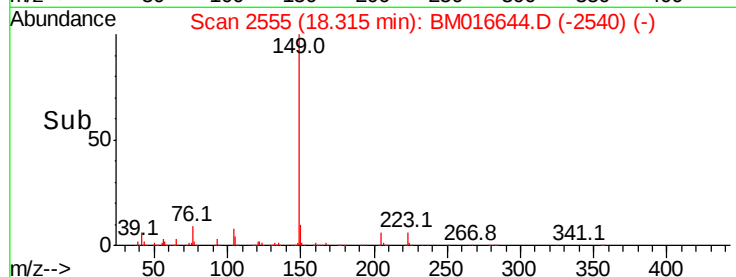
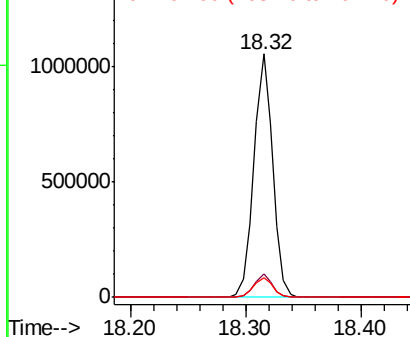
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	8.3	3.7	5.5

Manual Integrations
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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



#74

Fluoranthene

Concen: 35.832 ng

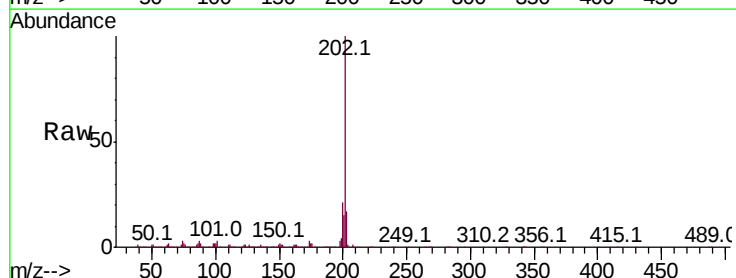
RT: 19.42 min Scan# 2743

Delta R.T. -0.01 min

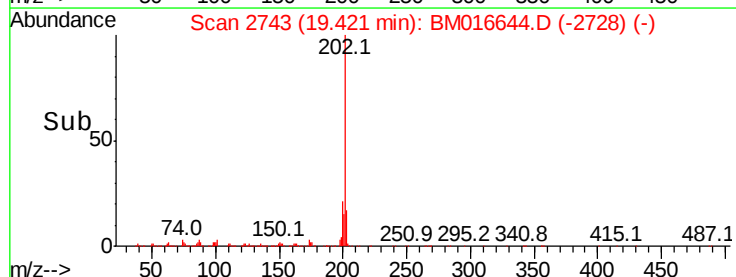
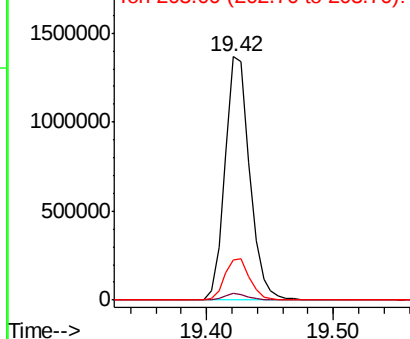
Lab File: BM016644.D

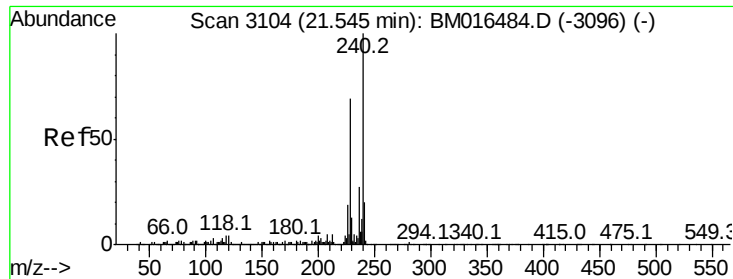
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.6	0.0	28.7
203	16.7	0.0	37.2



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

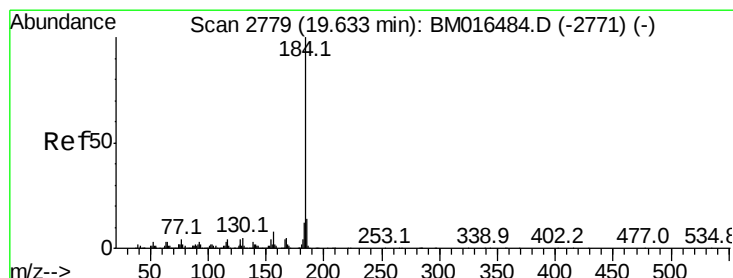
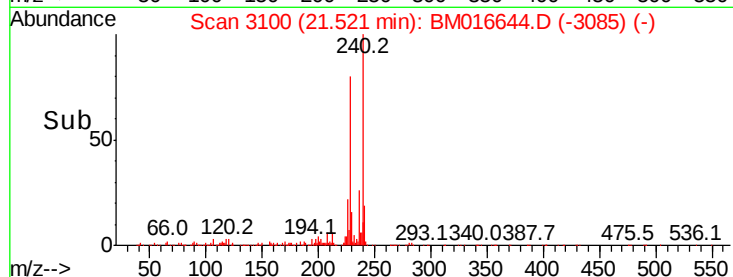
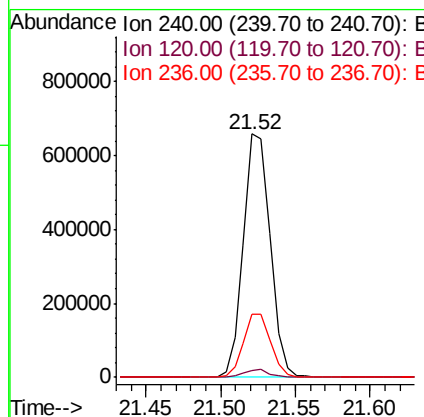
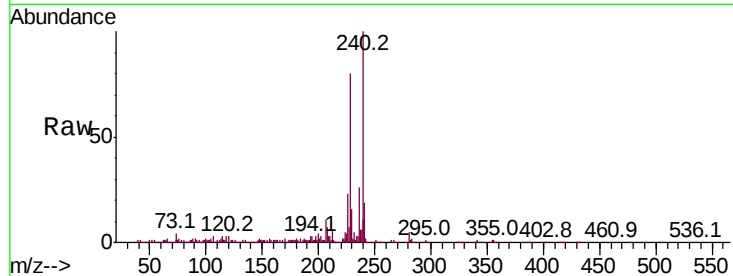
ClientSampleId :

PB112563BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.0	8.2	12.2#
236	26.2	20.0	30.0

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#76

Benzidine

Concen: 32.777 ng

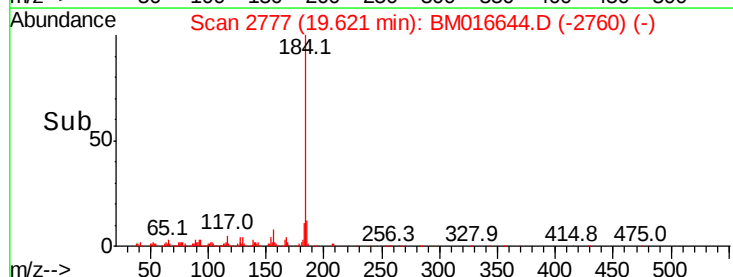
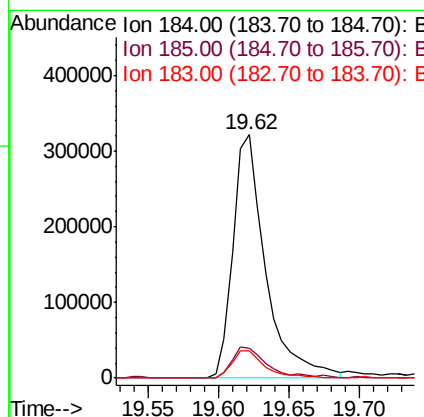
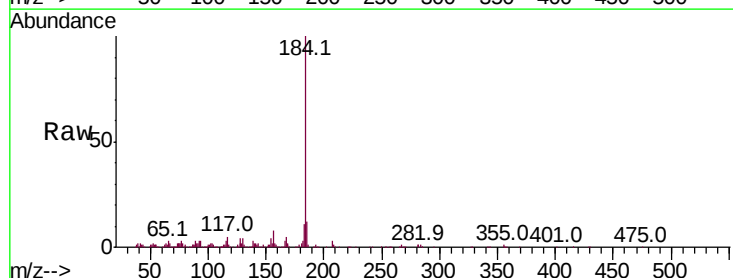
RT: 19.62 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.4	11.3	16.9
183	11.4	8.9	13.3





#77

Pvrene

Concen: 41.239 ng

RT: 19.79 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

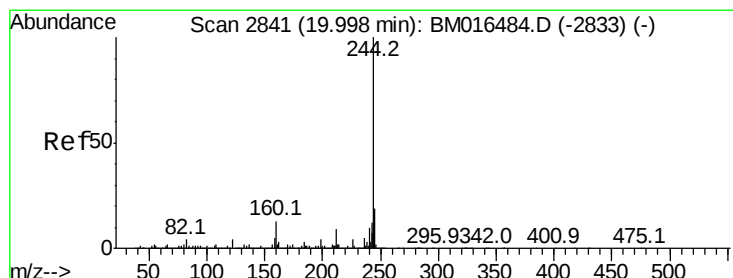
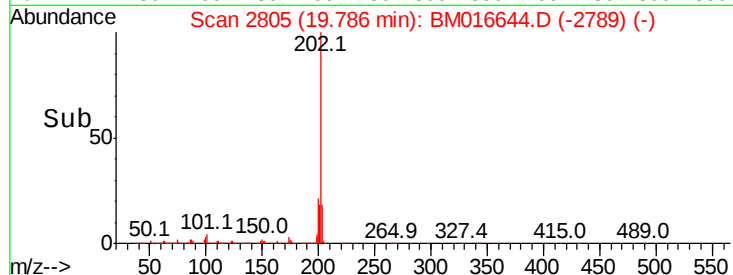
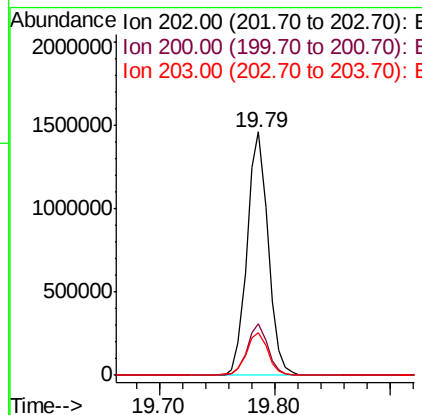
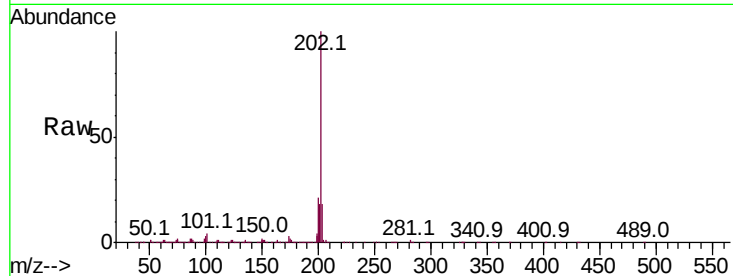
ClientSampleId :

PB112563BS

Tot Ion:	202	Resp:	1848363
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.7	14.1	21.1

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#78

Terphenyl-d14

Concen: 81.478 ng

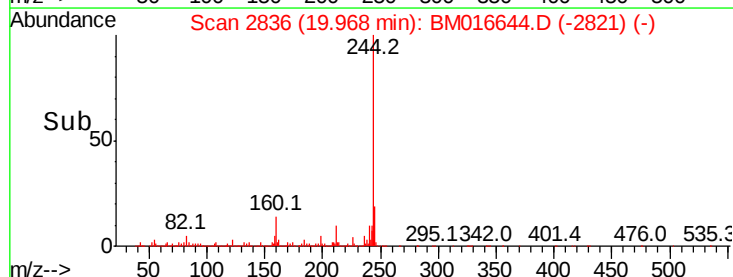
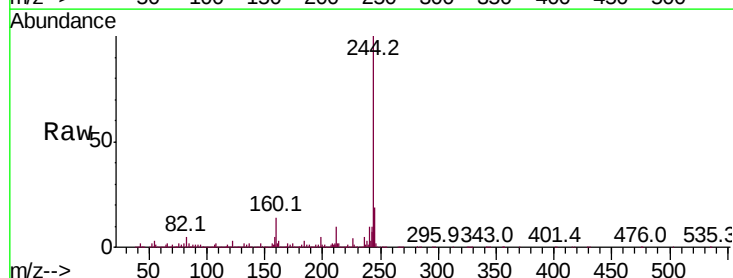
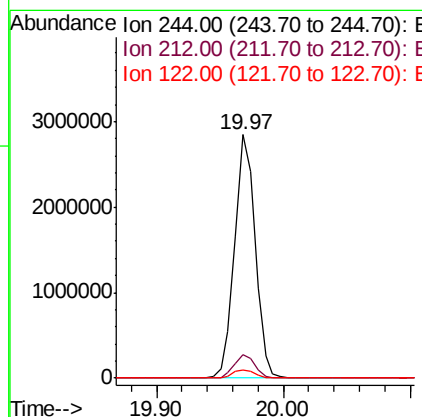
RT: 19.97 min Scan# 2836

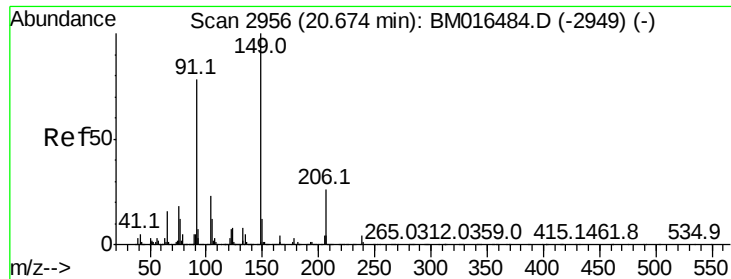
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	244	Resp:	3174781
Ion Ratio	Lower	Upper	
244	100		
212	9.6	4.9	7.3#
122	3.4	6.2	9.4#





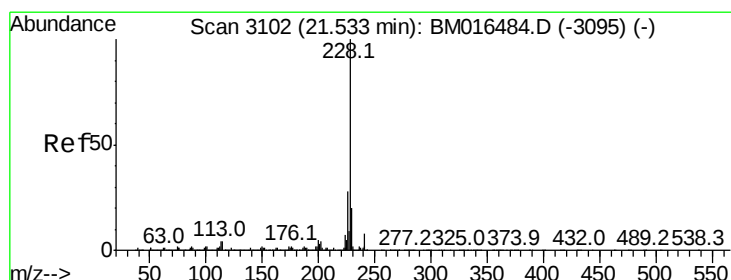
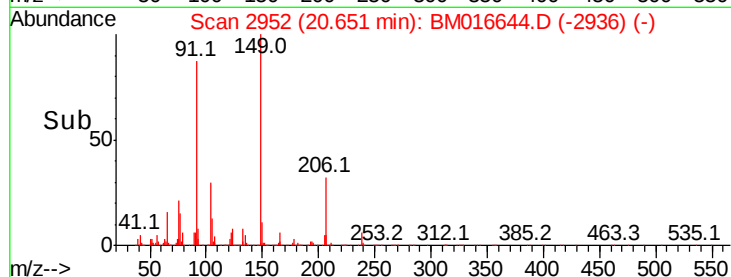
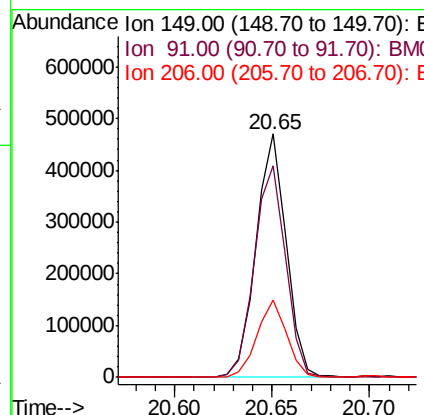
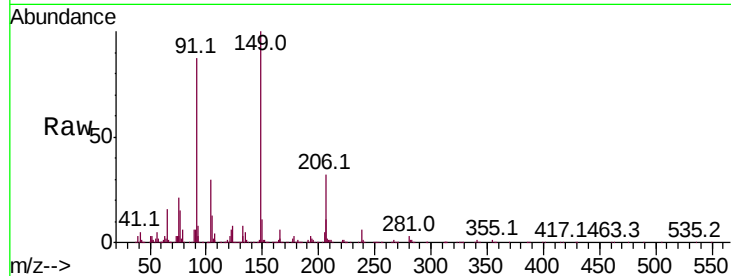
#79
Butylbenzylphthalate
Concen: 32.465 ng
RT: 20.65 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	502262		
91	87.1	50.1	75.1#	
206	31.8	16.2	24.2#	

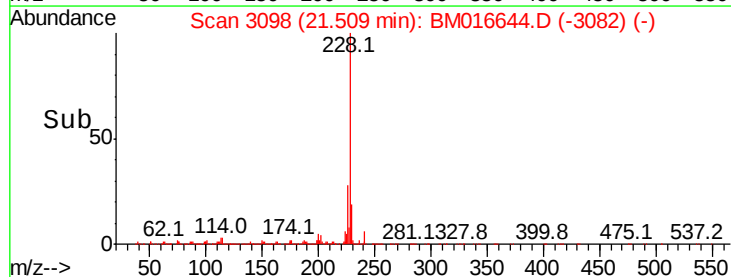
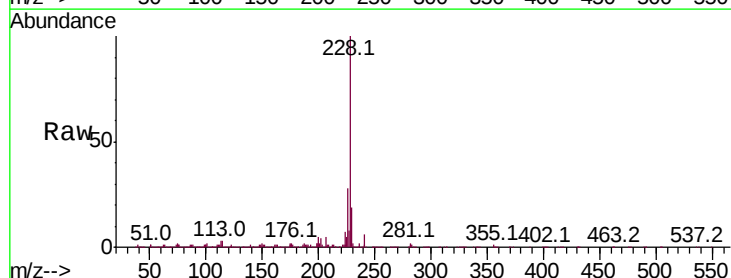
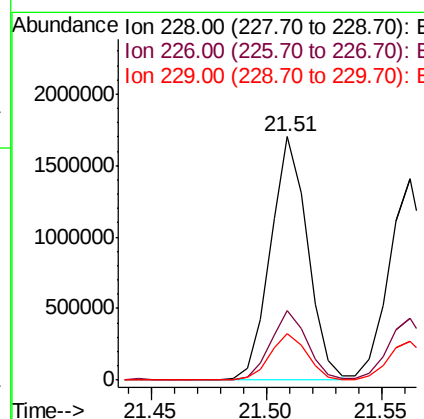
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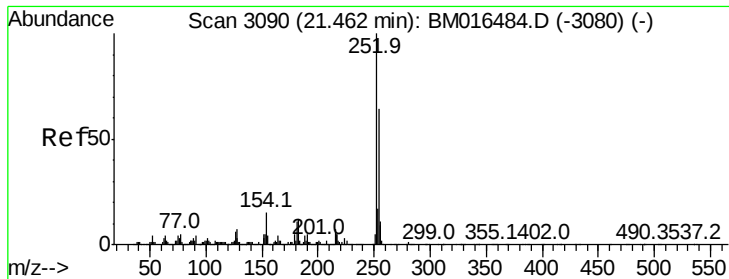
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#80
Benzo(a)anthracene
Concen: 38.953 ng
RT: 21.51 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1888711		
226	28.4	21.7	32.5	
229	19.0	16.0	24.0	





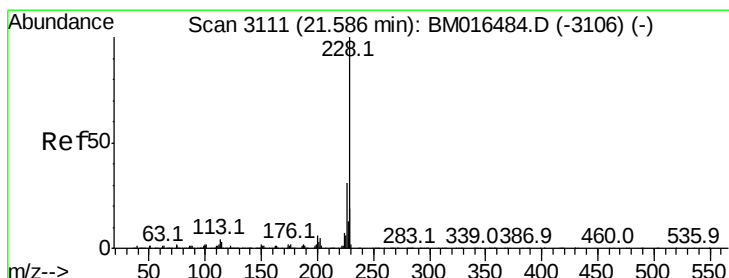
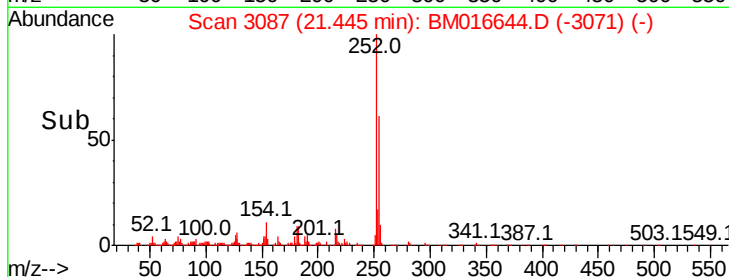
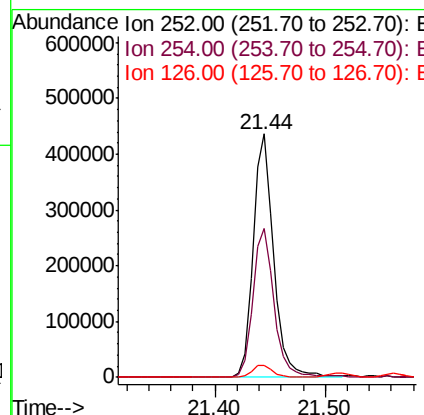
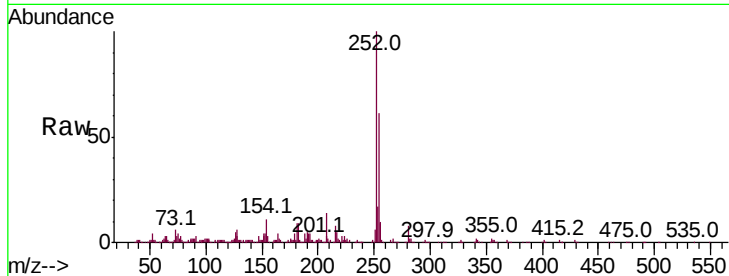
#81
 3,3'-Dichlorobenzidine
 Concen: 26.299 ng
 RT: 21.44 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampled :
 PB112563BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.9	77.9
126	5.0	9.8	14.8

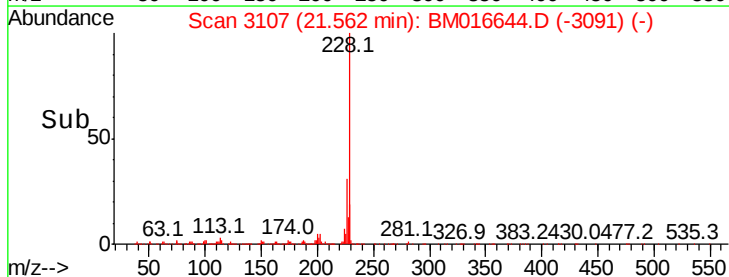
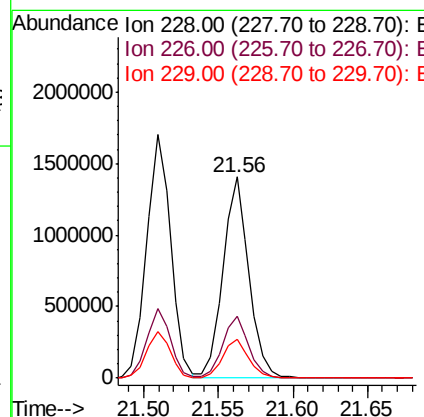
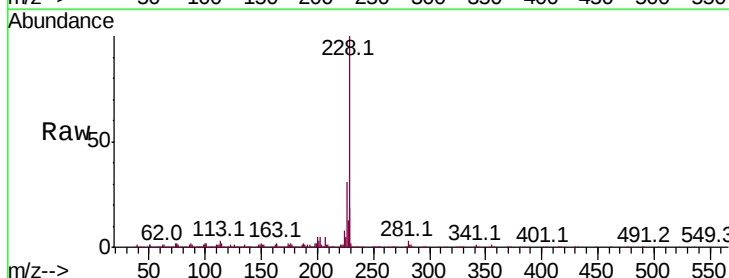
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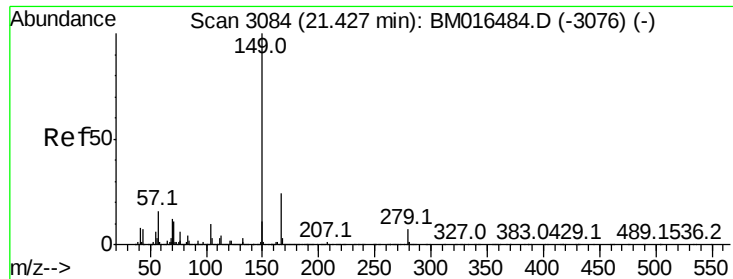
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#82
 Chrysene
 Concen: 37.008 ng
 RT: 21.56 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.1	15.5	23.3





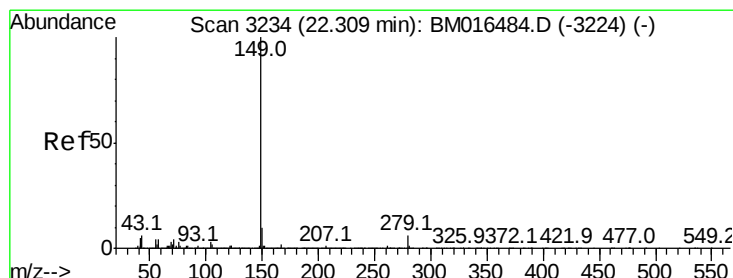
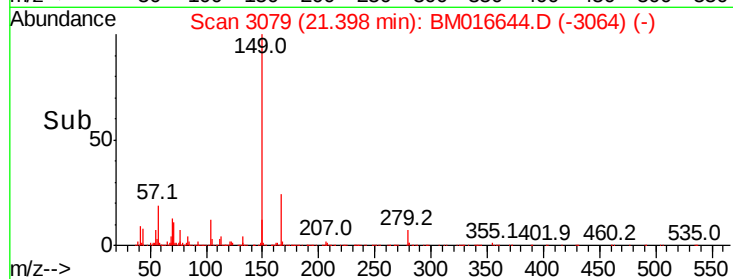
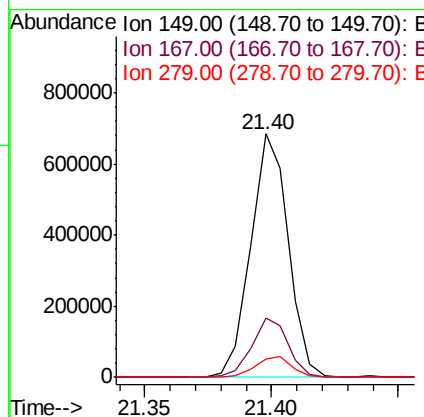
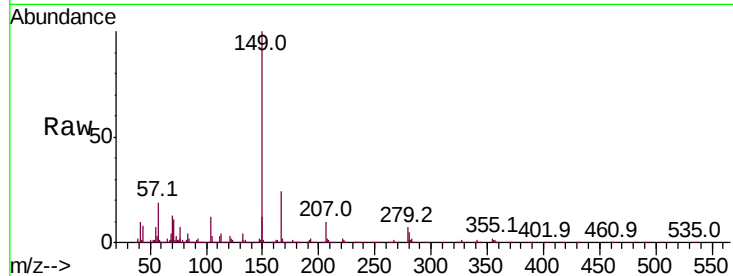
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.516 ng
 RT: 21.40 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	24.2	22.4	33.6
279	7.3	3.4	5.0#

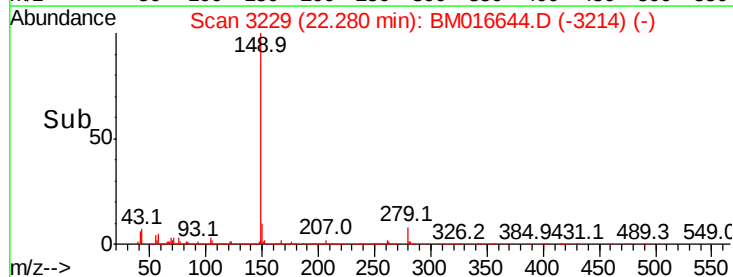
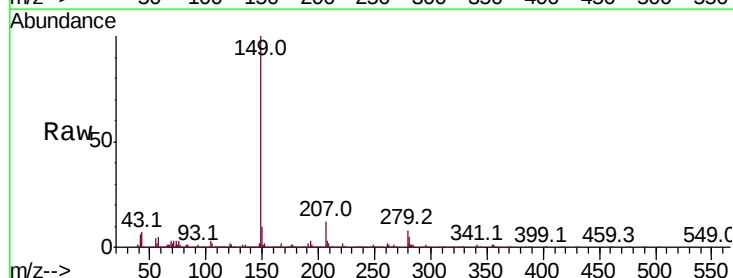
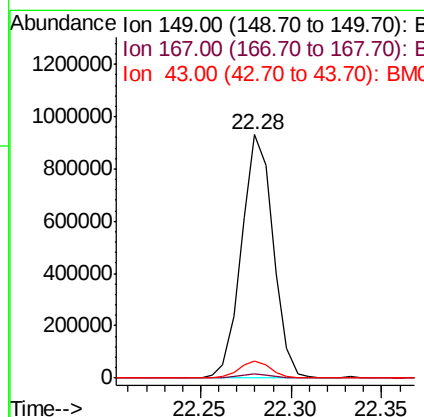
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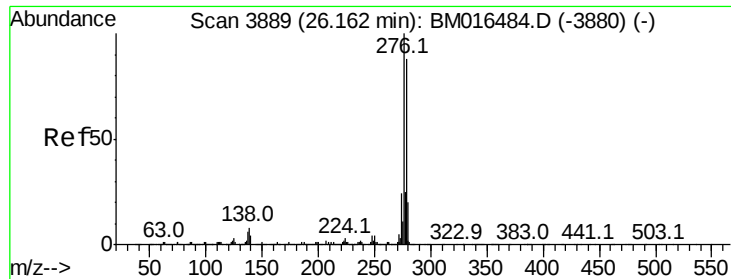
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 29.238 ng
 RT: 22.28 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	6.9	7.3	10.9#





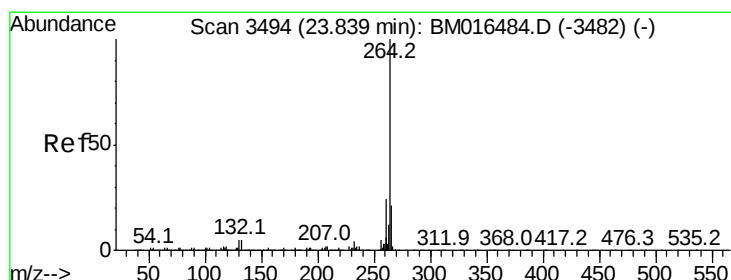
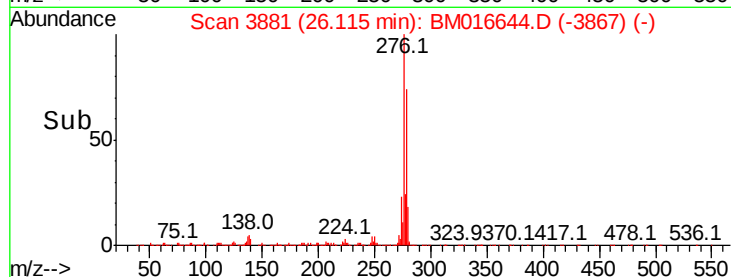
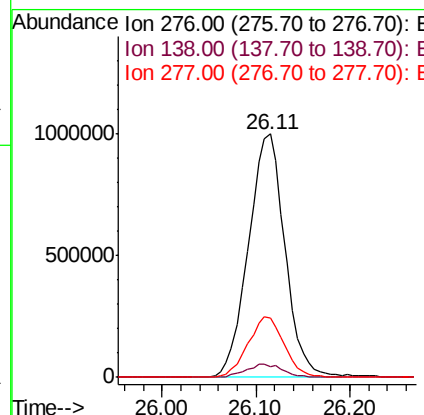
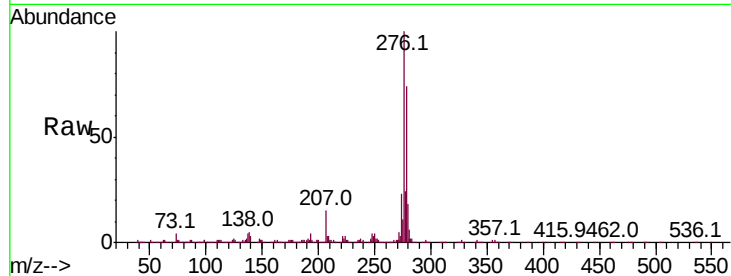
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.305 ng
RT: 26.11 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.7	12.0	18.0#
277	24.9	20.0	30.0

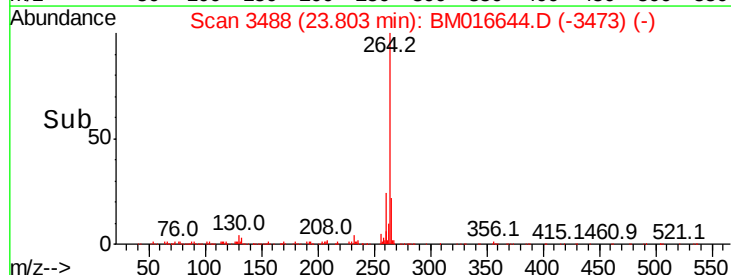
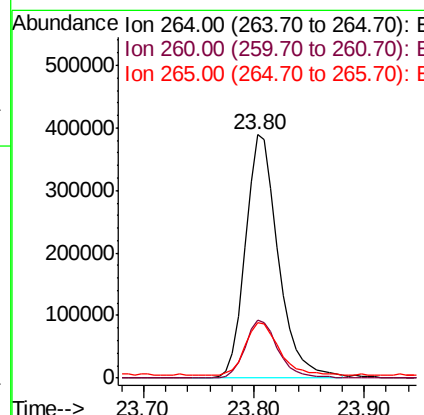
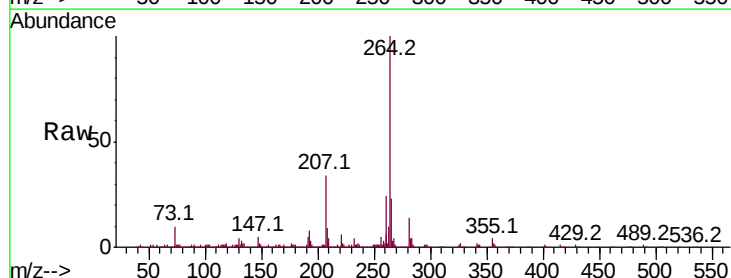
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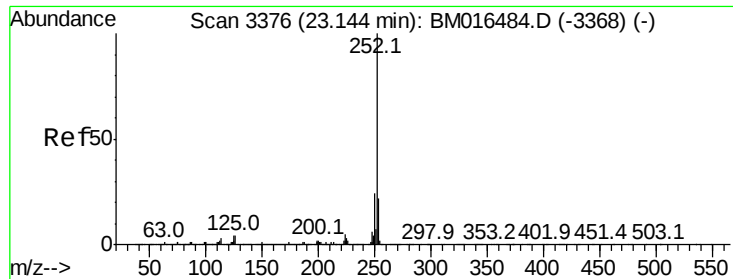
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.80 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.746 ng

RT: 23.12 min Scan# 3371

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

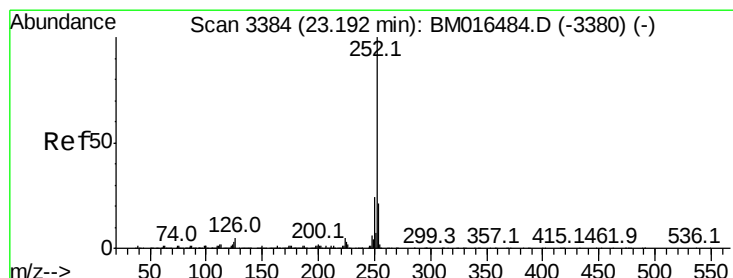
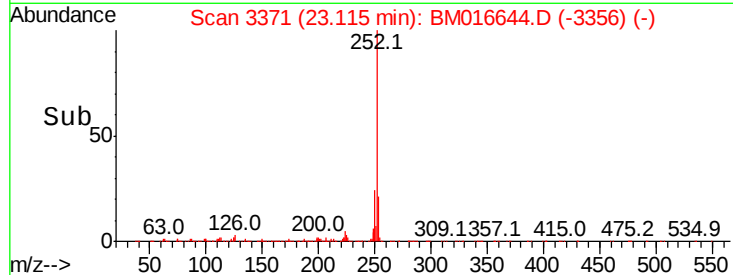
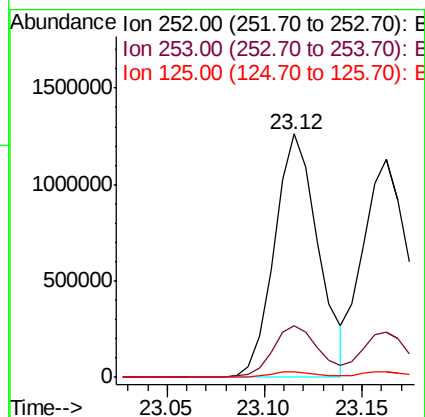
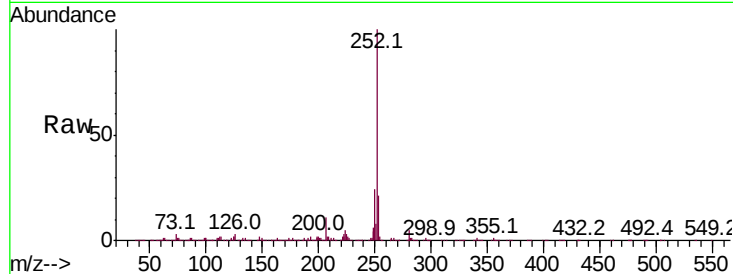
Instrument :
BNA_M

ClientSampleId :
PB112563BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	2.3	9.9	14.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.351 ng

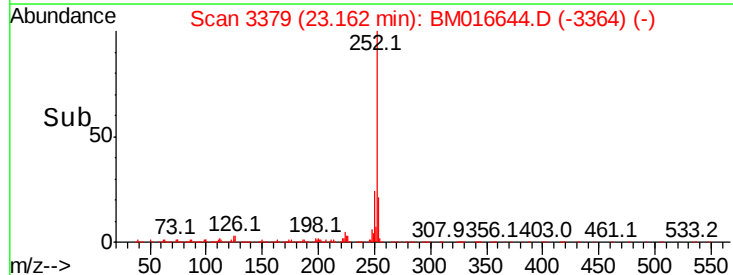
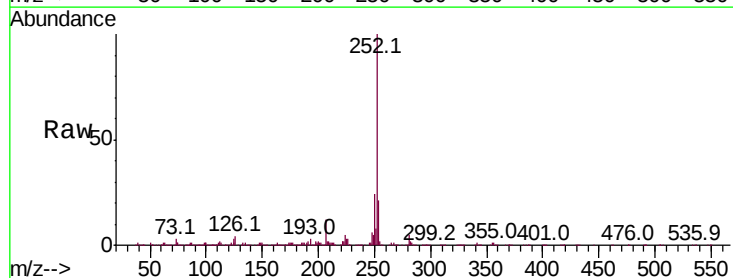
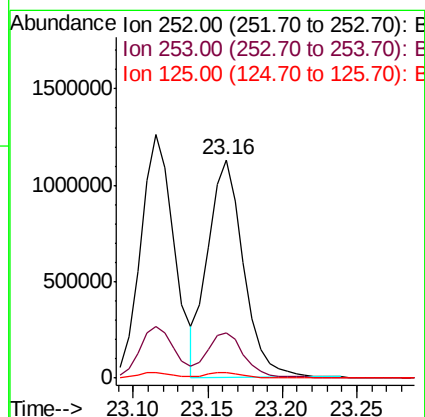
RT: 23.16 min Scan# 3379

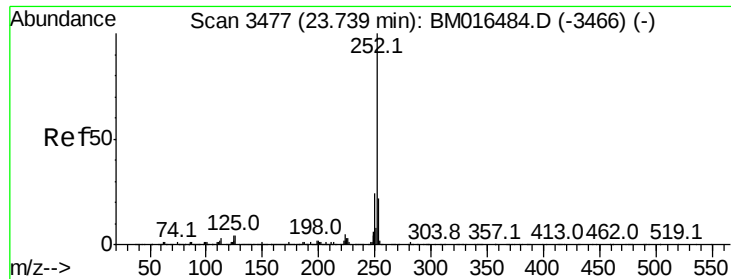
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	2.6	8.1	12.1





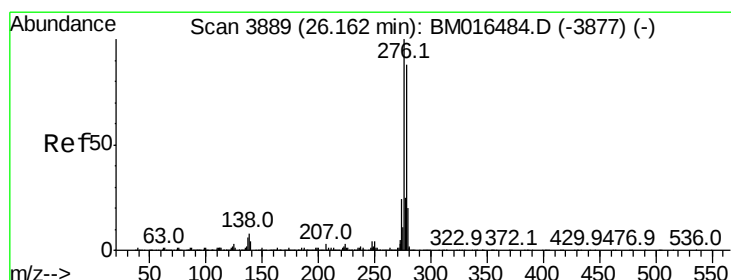
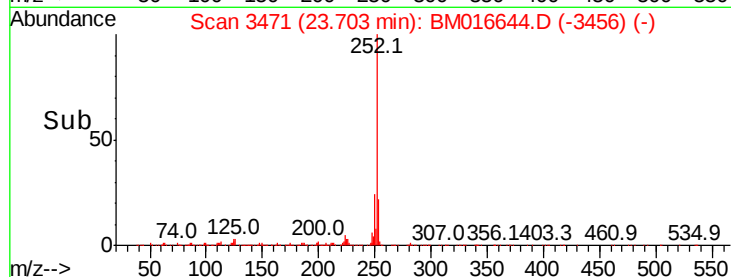
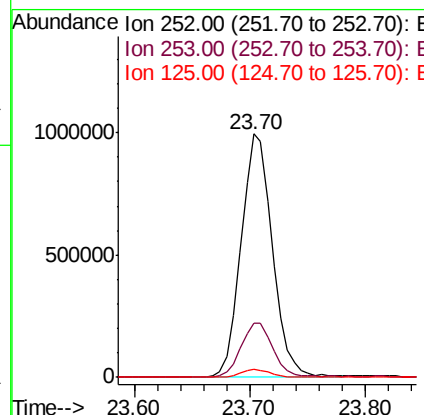
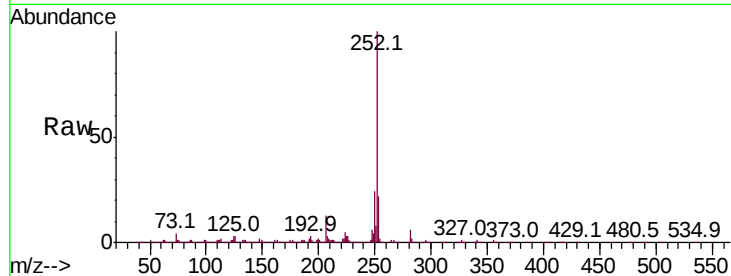
#89
Benzo(a)pyrene
Concen: 40.781 ng
RT: 23.70 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	3.4	7.4	11.2

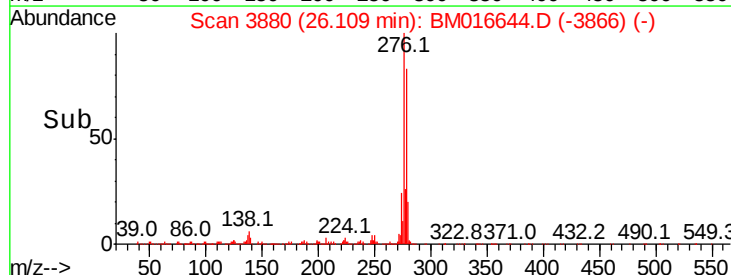
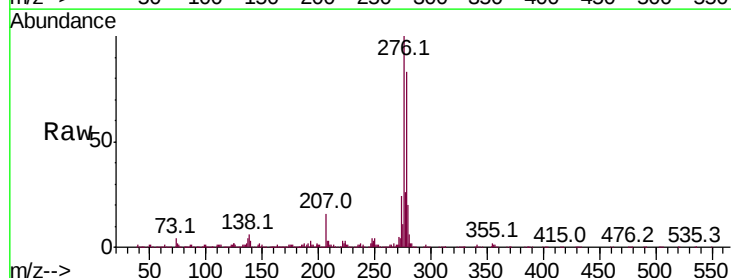
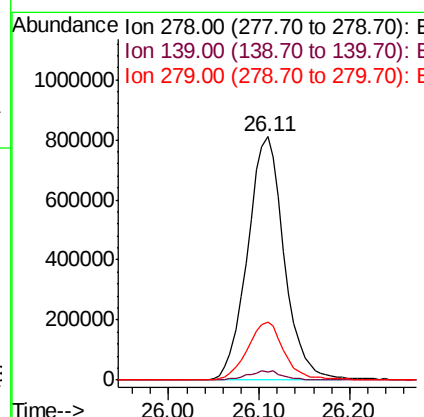
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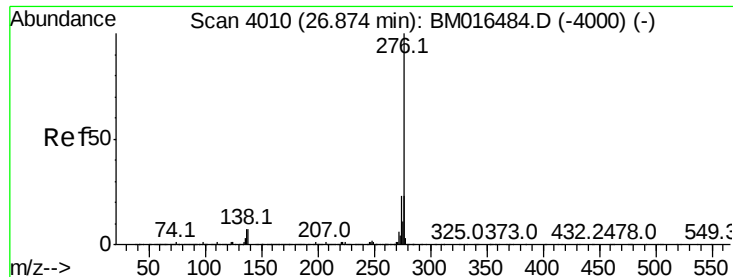
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.056 ng
RT: 26.11 min Scan# 3880
Delta R.T. -0.02 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	3.4	13.4	20.0
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.628 ng
 RT: 26.82 min Scan# 4001
 Delta R.T. -0.02 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	4.5	19.0	28.6

Manual Integrations
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 9/5/2018 3:29:30 PM

