

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016544.D
 Acq On : 23 Aug 2018 07:51
 Operator : SJ/JU
 Sample : PB112126BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Manual Integrations
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Sohil
 8/23/2018 6:39:27 PM

Quant Time: Aug 23 08:45:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	373175	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	1400347	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	1133908	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	3544614	20.00	ng	0.00
75) Chrysene-d12	21.54	240	4409166	20.00	ng	0.00
86) Perylene-d12	23.83	264	4145555	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1327640	69.72	ng	0.00
7) Phenol-d6	7.20	99	1632150	64.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	1349549	44.00	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	2414938	76.19	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	5535529	46.93	ng	0.00
78) Terphenyl-d14	19.99	244	10511528	50.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	159936	15.202	ng	# 100
3) Pyridine	3.81	79	335793	15.341	ng	# 80
4) n-Nitrosodimethylamine	3.73	42	204576	20.979	ng	# 77
6) Aniline	7.35	93	368625	13.072	ng	# 88
8) 2-Chlorophenol	7.57	128	454077	20.039	ng	# 95
9) Benzaldehyde	7.16	77	286544	16.385	ng	# 79
10) Phenol	7.22	94	489596	19.646	ng	# 96
11) bis(2-Chloroethyl)ether	7.45	93	321759	17.217	ng	# 98
12) 1,3-Dichlorobenzene	7.90	146	529903	17.638	ng	# 89
13) 1,4-Dichlorobenzene	8.05	146	550625	17.859	ng	# 98
14) 1,2-Dichlorobenzene	8.36	146	550096	18.160	ng	# 94
15) Benzyl Alcohol	8.27	79	408576	17.459	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.54	45	207573	16.131	ng	# 44
17) 2-Methylphenol	8.47	107	352692	19.543	ng	# 77
18) Hexachloroethane	9.07	117	269262	18.957	ng	# 41
19) n-Nitroso-di-n-propylamine	8.83	70	352858	17.860	ng	# 85
20) 3+4-Methylphenols	8.81	107	468634	18.781	ng	# 82
22) Acetophenone	8.86	105	679811	20.160	ng	# 95
24) Nitrobenzene	9.25	77	586593	19.142	ng	# 92
25) Isophorone	9.76	82	939381	22.917	ng	# 95
26) 2-Nitrophenol	9.95	139	258374	19.723	ng	# 51
27) 2,4-Dimethylphenol	10.00	122	416578	24.401	ng	# 79
28) bis(2-Chloroethoxy)methane	10.24	93	514980	21.047	ng	# 95
29) 2,4-Dichlorophenol	10.48	162	634906	24.848	ng	# 92
30) 1,2,4-Trichlorobenzene	10.68	180	934276	24.097	ng	# 95
31) Naphthalene	10.87	128	1414851	21.206	ng	# 98
32) Benzoic acid	10.23	122	253626	17.756	ng	# 72
33) 4-Chloroaniline	11.01	127	196563	7.001	ng	# 89
34) Hexachlorobutadiene	11.12	225	881795	23.829	ng	# 97
35) Caprolactam	11.83	113	105869m	17.267	ng	# 94
36) 4-Chloro-3-methylphenol	12.13	107	505866	20.594	ng	# 86
37) 2-Methylnaphthalene	12.47	142	1239451	23.730	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1386874	21.656	ng	# 99
40) Hexachlorocyclopentadiene	12.80	237	1784981	65.993	ng	# 99

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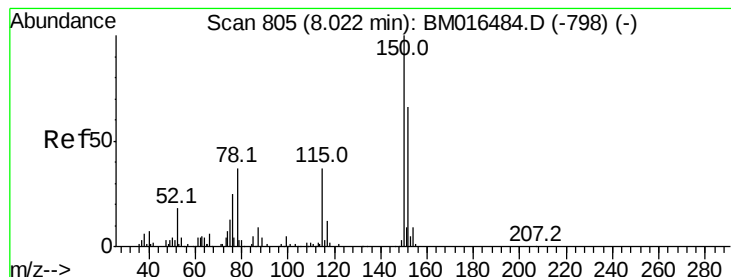
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.10	196	857398	22.389	nq	100
43) 2,4,5-Trichlorophenol	13.18	196	815632m	21.804	nq	
45) 1,1'-Biphenyl	13.49	154	1830777	18.413	nq	98
46) 2-Chloronaphthalene	13.54	162	1538492	19.046	nq	99
47) 2-Nitroaniline	13.77	65	343086	15.946	nq	88
48) Acenaphthylene	14.38	152	2290182	20.085	nq	99
49) Dimethylphthalate	14.12	163	2157566	19.805	nq	# 97
50) 2,6-Dinitrotoluene	14.26	165	427954	20.141	nq	# 88
51) Acenaphthene	14.72	154	1330366	18.992	nq	97
52) 3-Nitroaniline	14.60	138	164243	8.495	nq	# 90
53) 2,4-Dinitrophenol	14.83	184	416960	39.212	nq	# 68
54) Dibenzofuran	15.06	168	2785146	20.769	nq	95
55) 4-Nitrophenol	14.92	139	425939	34.541	nq	# 80
56) 2,4-Dinitrotoluene	15.06	165	692470	19.544	nq	# 95
57) Fluorene	15.70	166	2218341	21.898	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	818262	22.759	nq	# 100
59) Diethylphthalate	15.47	149	2028265	17.856	nq	# 93
60) 4-Chlorophenyl-phenylether	15.69	204	1769761	20.832	nq	# 85
61) 4-Nitroaniline	15.77	138	279075	14.770	nq	# 1
62) Azobenzene	15.99	77	2168485	17.924	nq	88
64) 4,6-Dinitro-2-methylphenol	15.83	198	417828	15.514	nq	# 57
65) n-Nitrosodiphenylamine	15.92	169	1910895	19.163	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	1098628	20.172	nq	99
67) Hexachlorobenzene	16.70	284	1242126	19.556	nq	97
68) Atrazine	16.86	200	1034382	22.730	nq	89
69) Pentachlorophenol	17.06	266	1118535	33.283	nq	98
70) Phenanthrene	17.44	178	3793427	20.706	nq	99
71) Anthracene	17.53	178	3866607	21.254	nq	99
72) Carbazole	17.81	167	2732110	16.711	nq	97
73) Di-n-butylphthalate	18.33	149	3399172	17.054	nq	# 97
74) Fluoranthene	19.44	202	5363383	19.966	nq	94
76) Benzydine	19.63	184	2156394	25.431	nq	98
77) Pyrene	19.80	202	5410026	22.577	nq	99
79) Butylbenzylphthalate	20.67	149	1529140	18.488	nq	# 81
80) Benzo(a)anthracene	21.53	228	5661249	21.839	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	1151069	9.976	nq	# 97
82) Chrysene	21.58	228	4996383	20.201	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2200374	17.895	nq	# 97
84) Di-n-octyl phthalate	22.30	149	3585210	17.546	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.15	276	6211184	17.462	nq	# 92
87) Benzo(b)fluoranthene	23.14	252	5443740	22.780	nq	# 91
88) Benzo(k)fluoranthene	23.18	252	5378069	22.118	nq	# 93
89) Benzo(a)pyrene	23.73	252	5097913	21.924	nq	# 95
90) Dibenzo(a,h)anthracene	26.14	278	5212568	20.003	nq	# 88
91) Benzo(g,h,i)perylene	26.86	276	4678526	20.001	nq	# 79

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



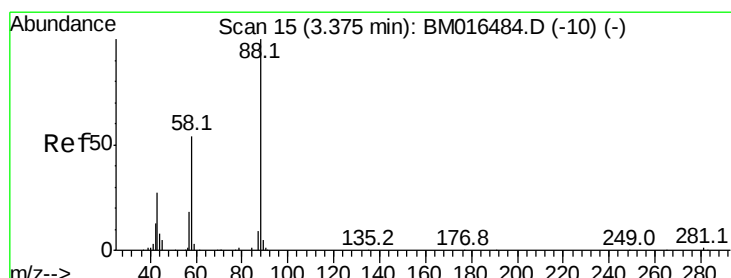
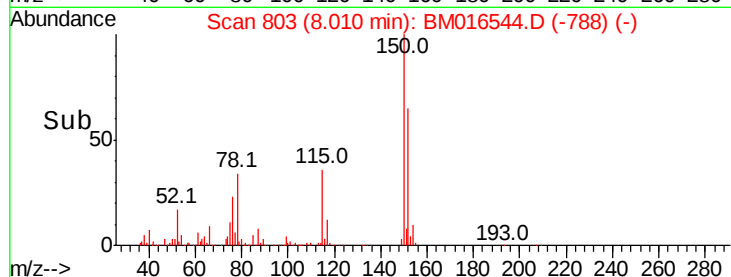
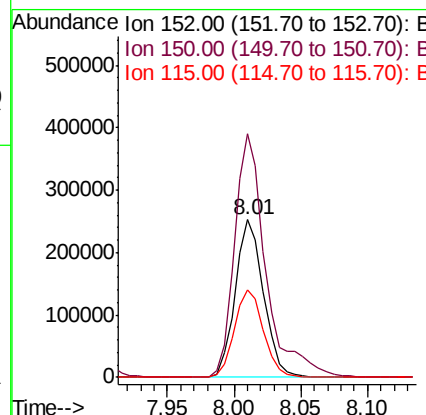
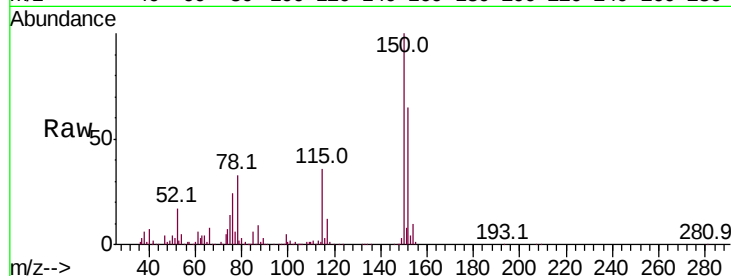
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
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 ClientSampleID :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.5	179.3
115	55.8	43.0	64.4

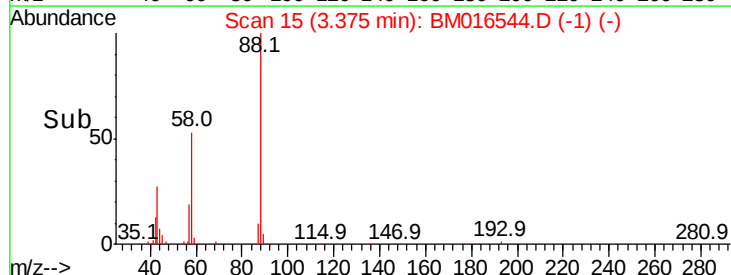
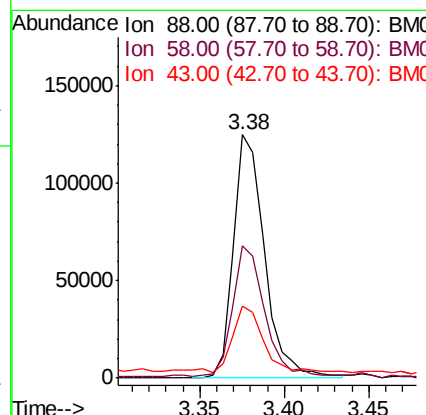
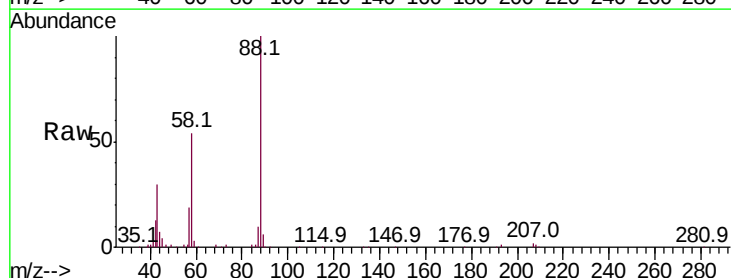
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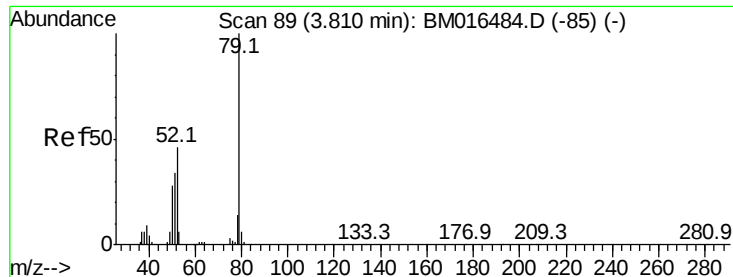
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#2
 1,4-Dioxane
 Concen: 15.202 ng
 RT: 3.38 min Scan# 15
 Delta R.T. 0.00 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	0.0	0.0#
43	28.0	0.0	0.0#





#3

Pvridine

Concen: 15.341 ng

RT: 3.81 min Scan# 89

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

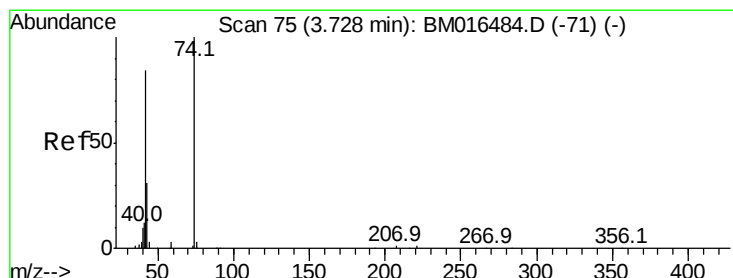
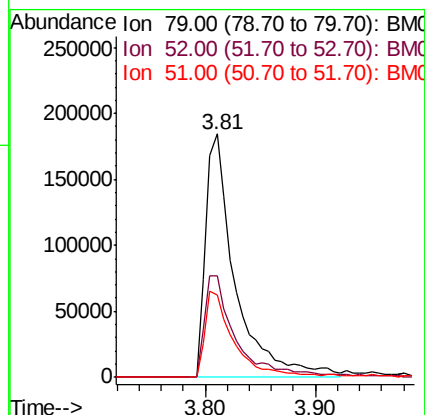
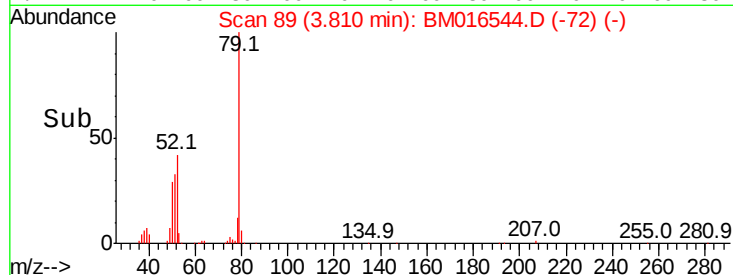
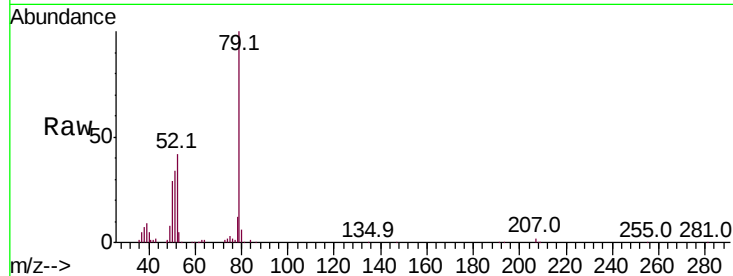
ClientSampleId :

PB112126BS

Tot Ion:	79	Resp:	335793
Ion Ratio	Lower	Upper	
79	100		
52	41.7	51.1	76.7#
51	33.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 20.979 ng

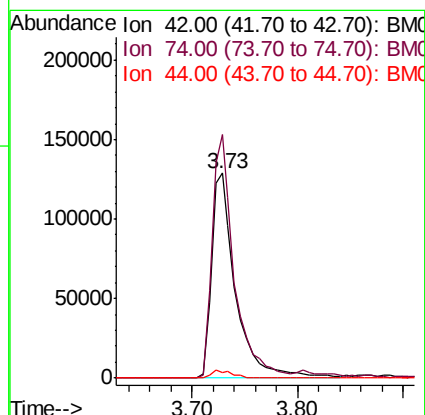
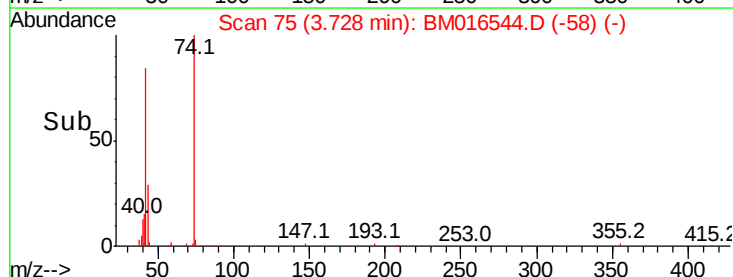
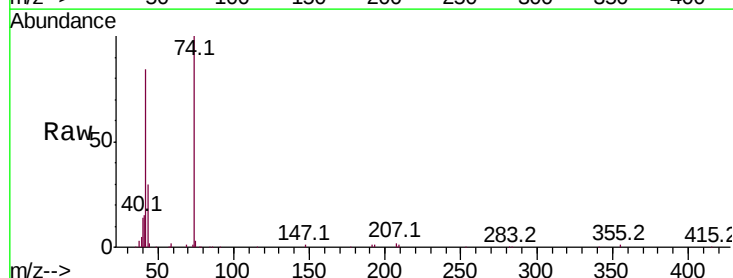
RT: 3.73 min Scan# 75

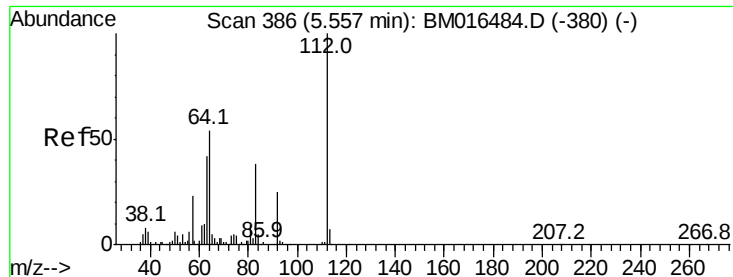
Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:	42	Resp:	204576
Ion Ratio	Lower	Upper	
42	100		
74	119.0	119.3	178.9#
44	2.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 69.716 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampleId :

PB112126BS

Tot Ion:112 Resp: 1327640

Ion Ratio Lower Upper

112 100

64 52.0 38.6 57.8

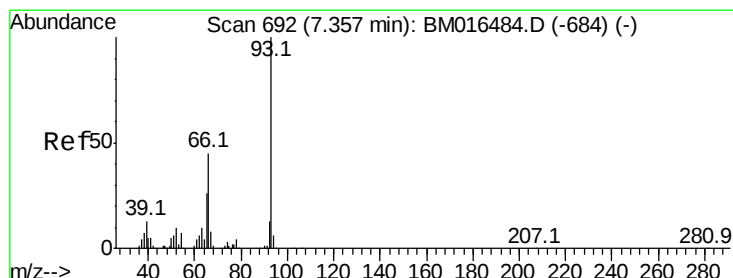
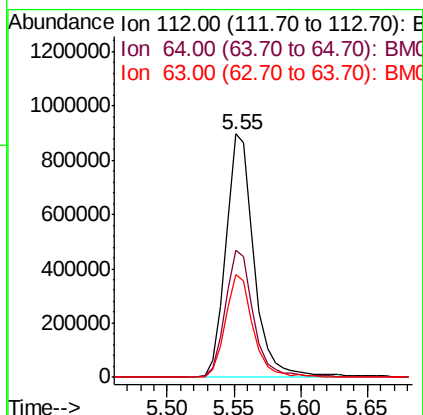
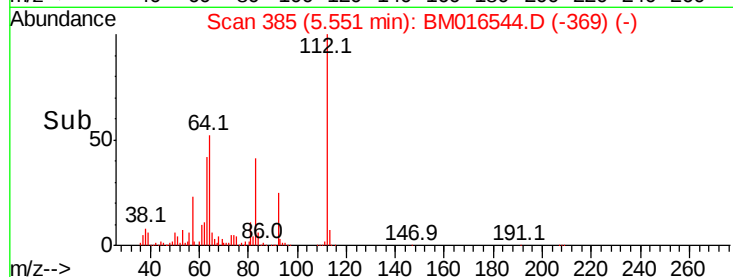
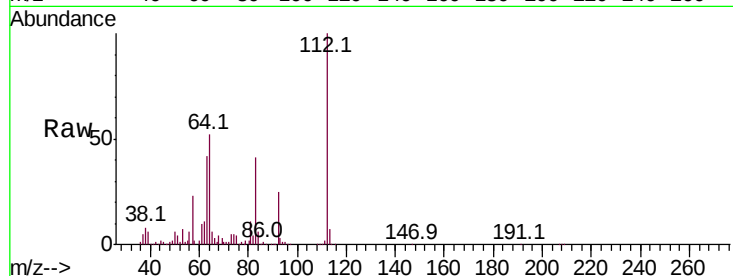
63 42.1 19.3 28.9#

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#6

Aniline

Concen: 13.072 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

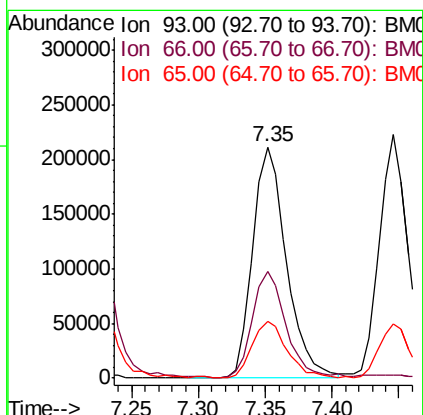
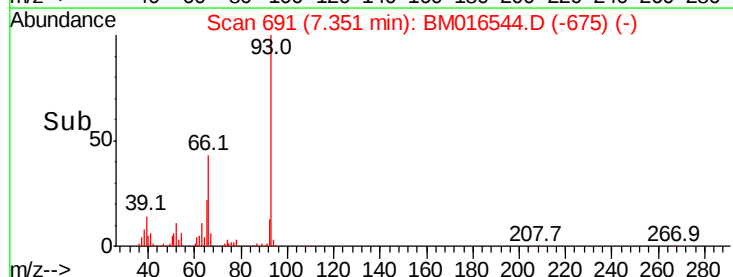
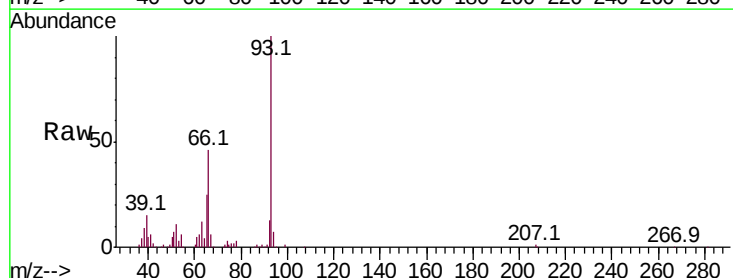
Tgt Ion: 93 Resp: 368625

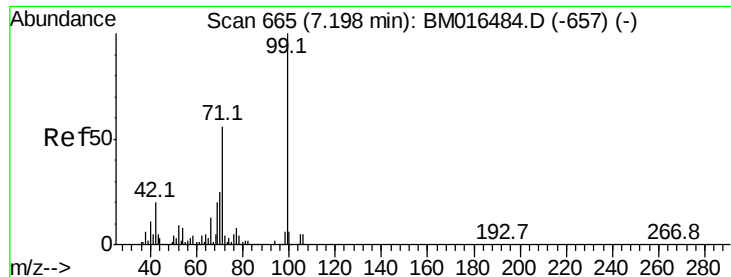
Ion Ratio Lower Upper

93 100

66 46.3 30.8 46.2#

65 24.5 16.0 24.0#





#7

Phenol-d6

Concen: 64.768 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampled :

PB112126BS

Tot Ion: 99 Resp: 1632150

Ion Ratio Lower Upper

99 100

42 20.6 11.0 16.4#

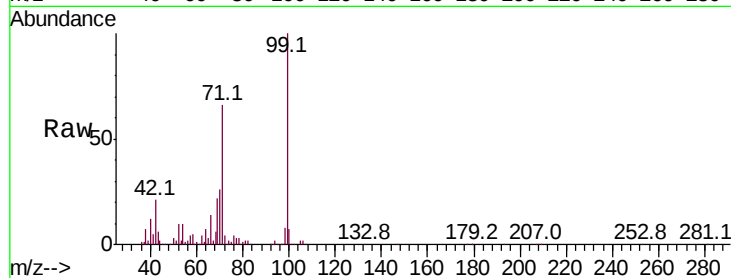
71 65.6 23.4 35.2#

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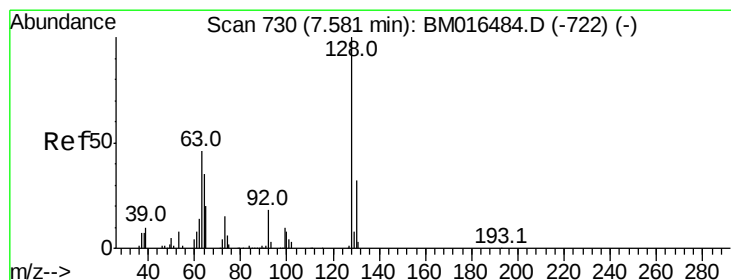
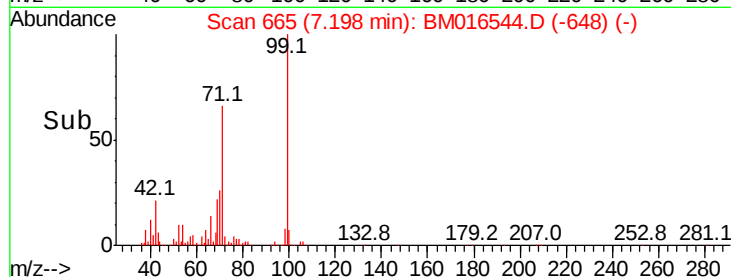
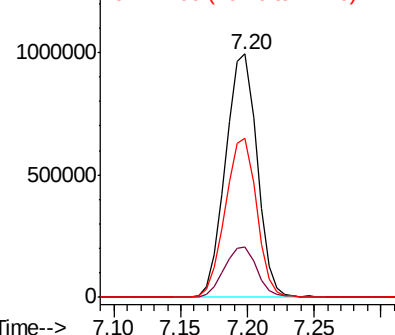
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Abundance Ion 99.00 (98.70 to 99.70): BM016544.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016544.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016544.D (-648) (-)



#8

2-Chlorophenol

Concen: 20.039 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

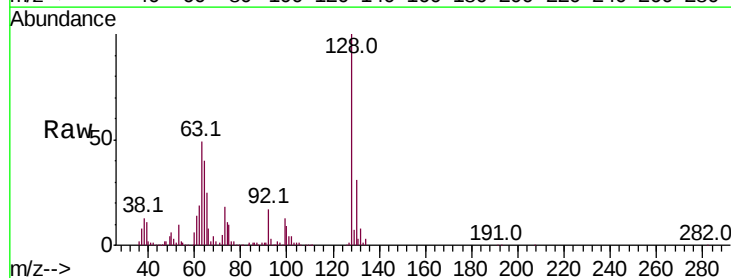
Tgt Ion: 128 Resp: 454077

Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

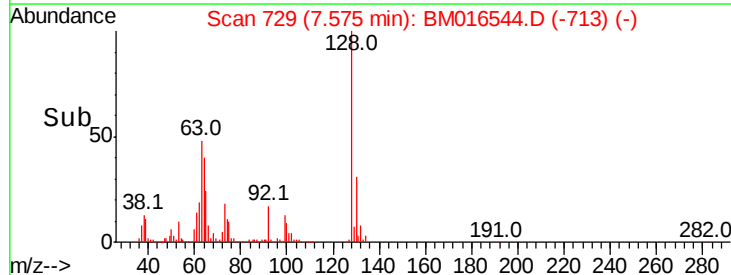
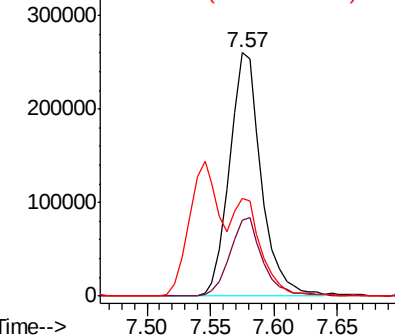
64 40.2 24.9 64.9

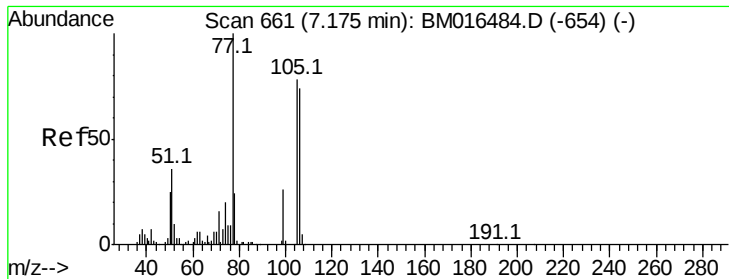


Abundance Ion 128.00 (127.70 to 128.70): BM016544.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM016544.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM016544.D (-713) (-)





#9

Benzaldehyde

Concen: 16.385 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampleId :

PB112126BS

Tot Ion: 77 Resp: 286544

Ion Ratio Lower Upper

77 100

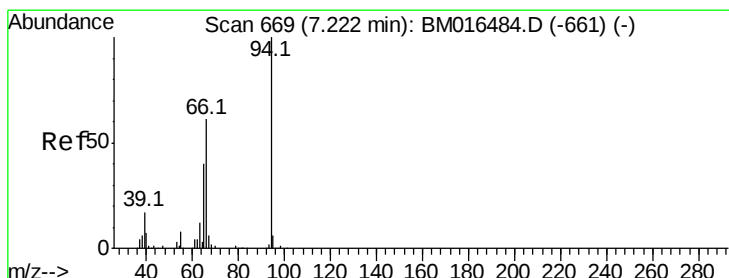
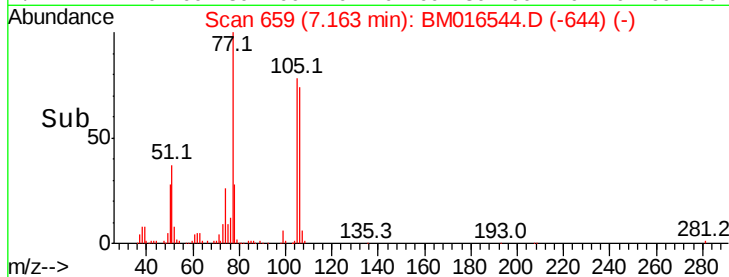
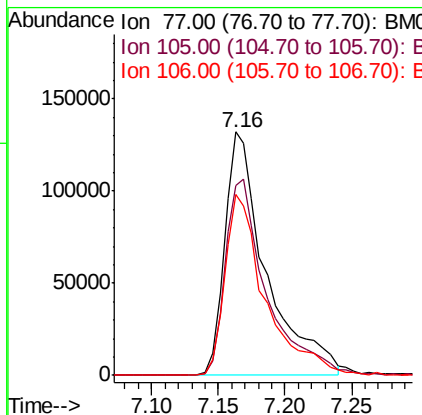
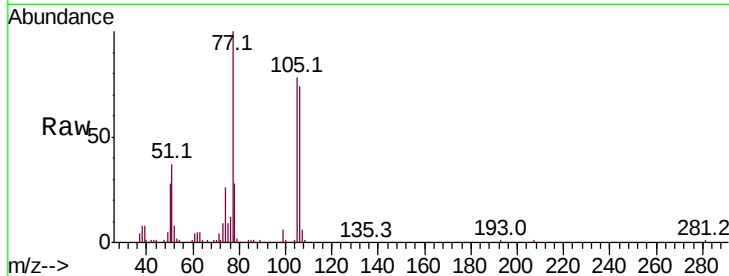
105 77.9 78.8 118.8#

106 74.1 73.7 113.7

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#10

Phenol

Concen: 19.646 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

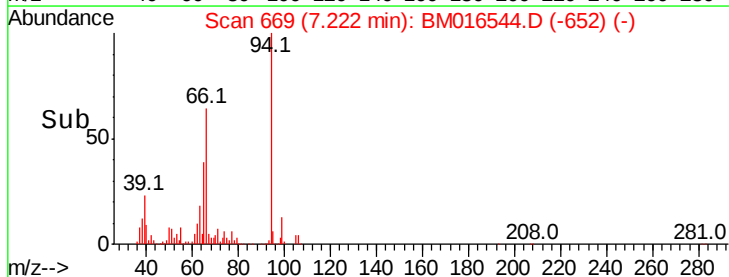
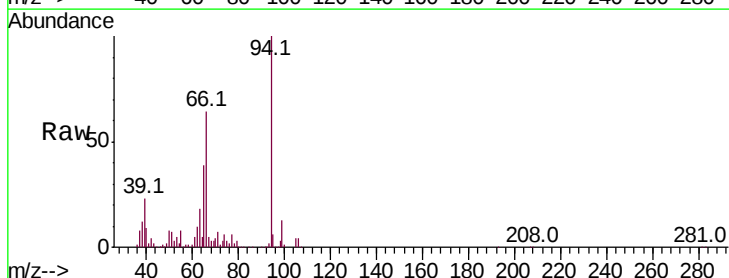
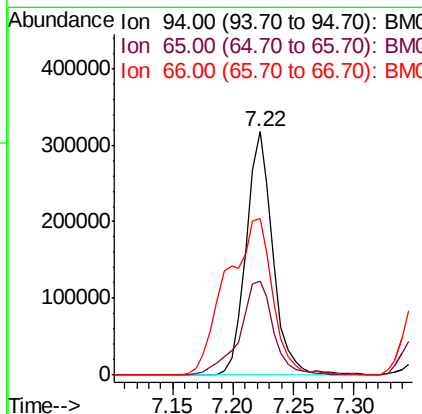
Tgt Ion: 94 Resp: 489596

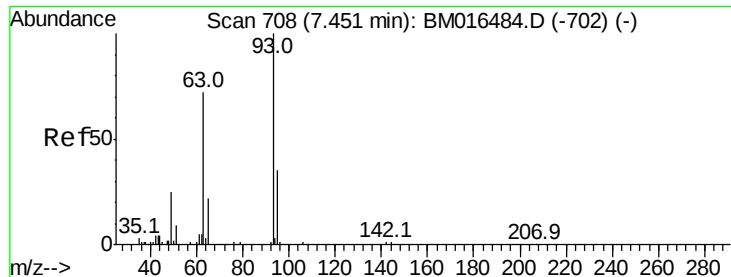
Ion Ratio Lower Upper

94 100

65 38.6 18.8 58.8

66 64.3 39.9 79.9





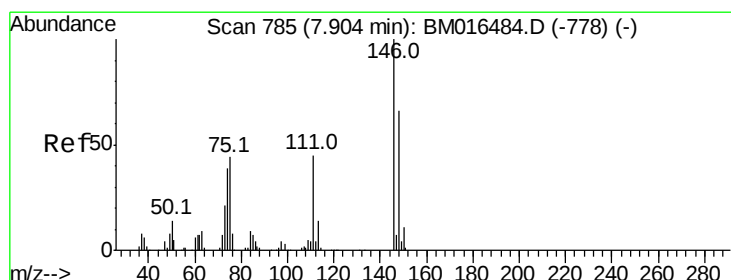
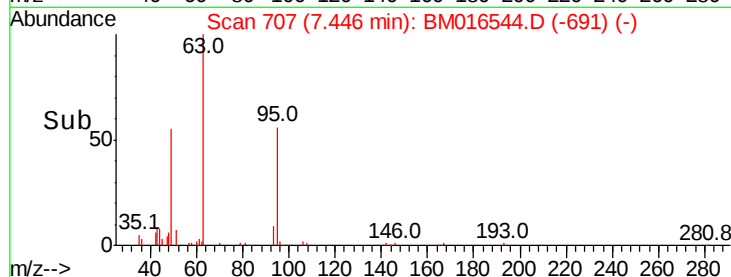
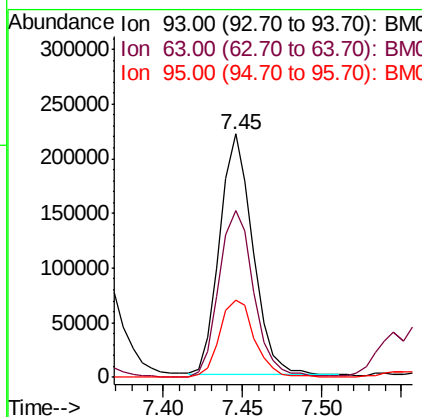
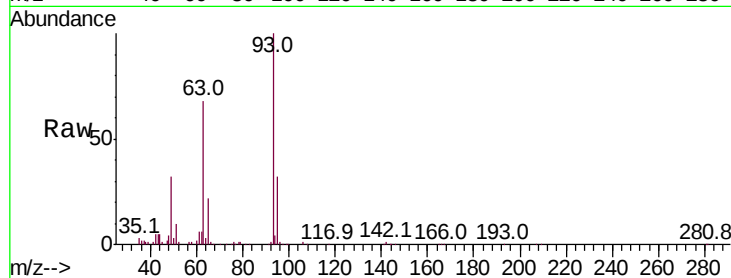
#11
bis(2-Chloroethyl)ether
Concen: 17.217 ng
RT: 7.45 min Scan# 707
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.4	49.5	89.5
95	31.9	13.5	53.5

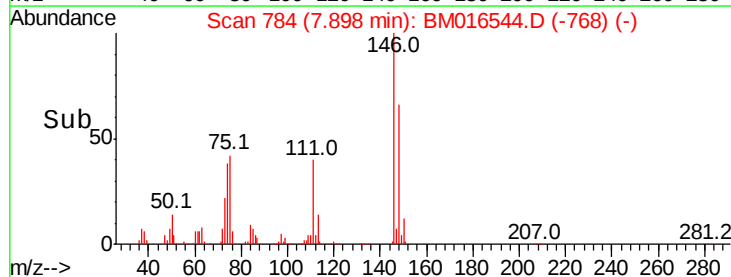
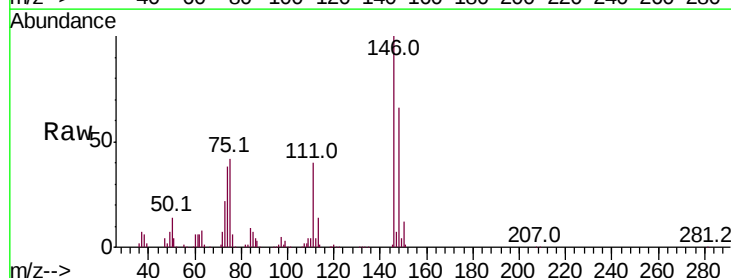
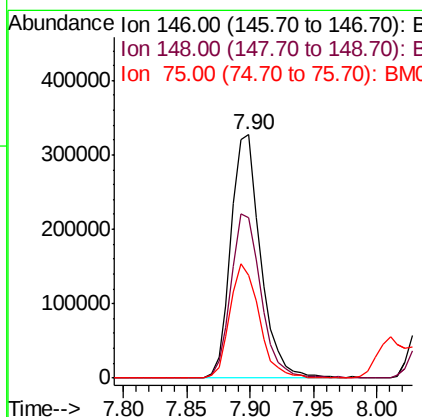
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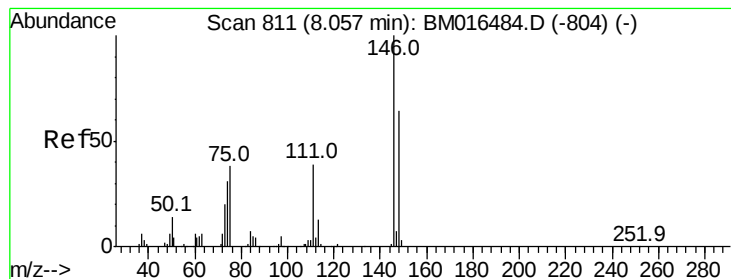
Sohil
8/23/2018 6:39:27 PM



#12
1,3-Dichlorobenzene
Concen: 17.638 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.9	76.3
75	42.1	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 17.859 ng

RT: 8.05 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

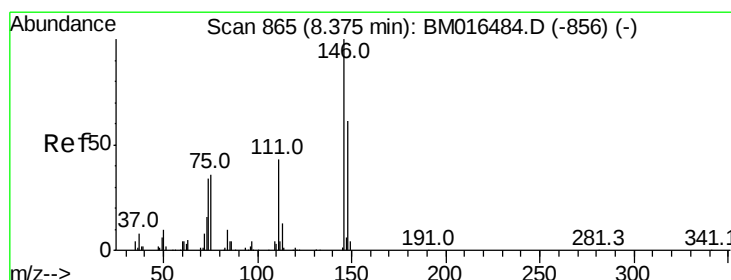
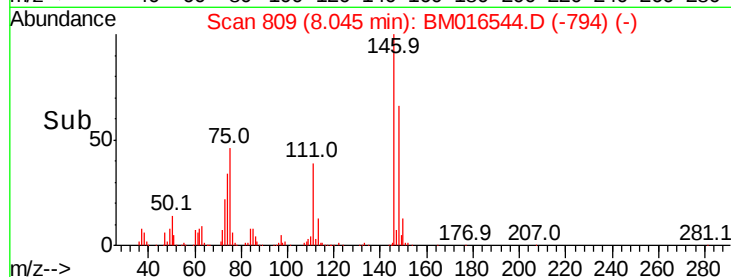
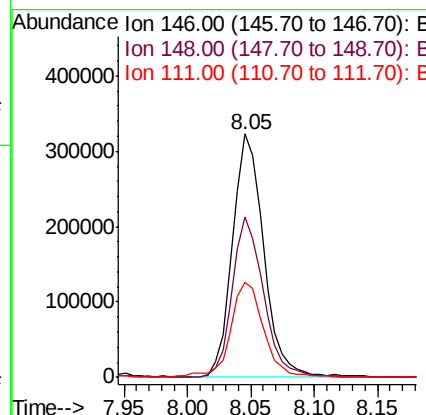
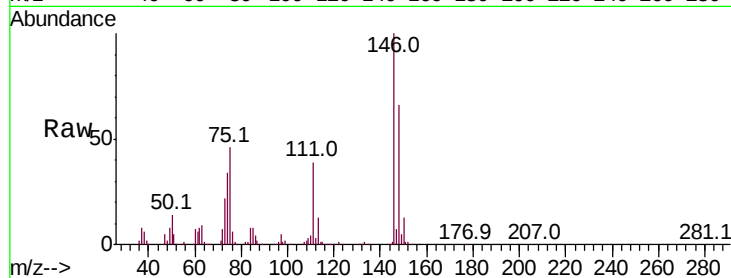
ClientSampleId :

PB112126BS

Tot Ion:	146	Resp:	550625
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.9	77.9
111	38.9	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 18.160 ng

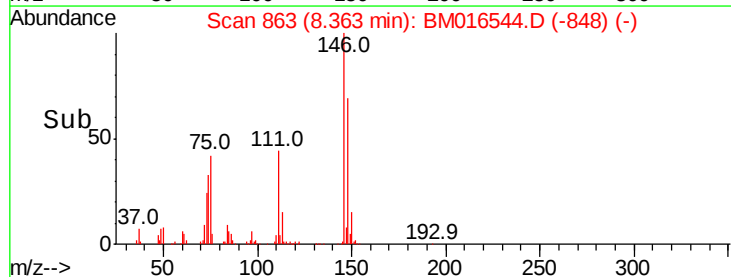
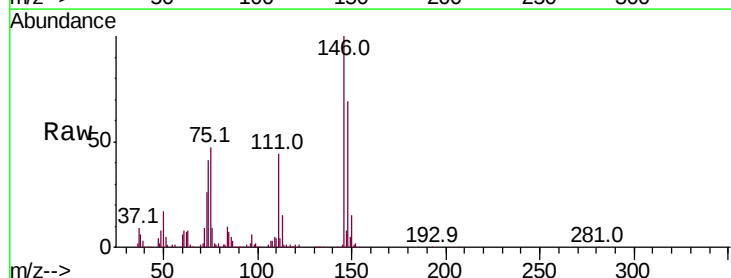
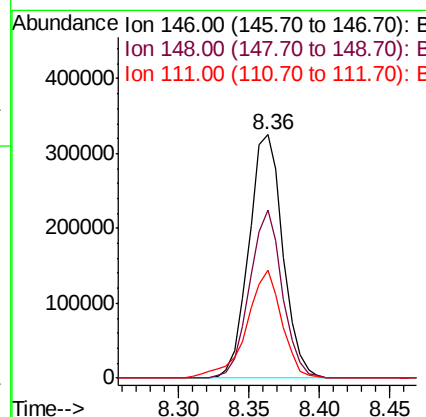
RT: 8.36 min Scan# 863

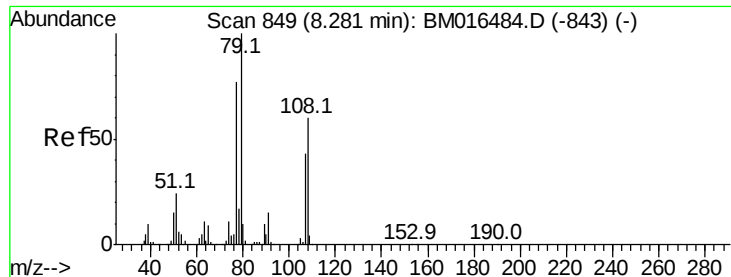
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:	146	Resp:	550096
Ion Ratio	Lower	Upper	
146	100		
148	68.8	52.3	78.5
111	44.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 17.459 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampleId :

PB112126BS

Tot Ion: 79 Resp: 408576

Ion Ratio Lower Upper

79 100

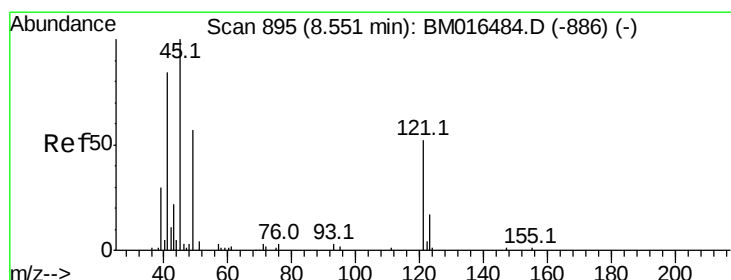
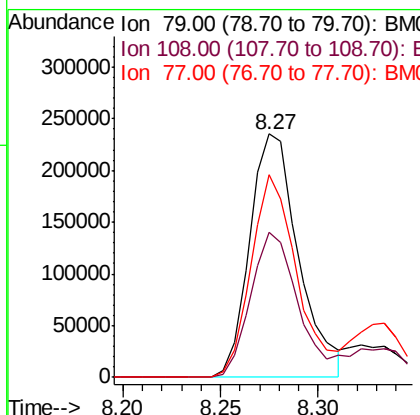
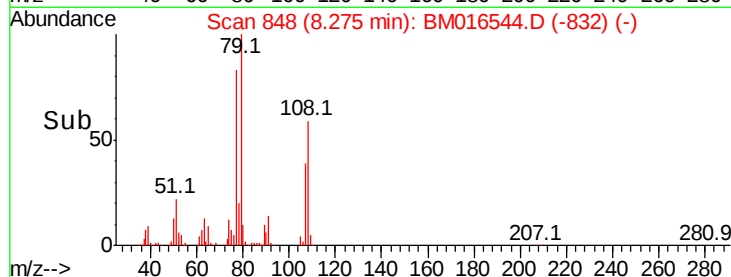
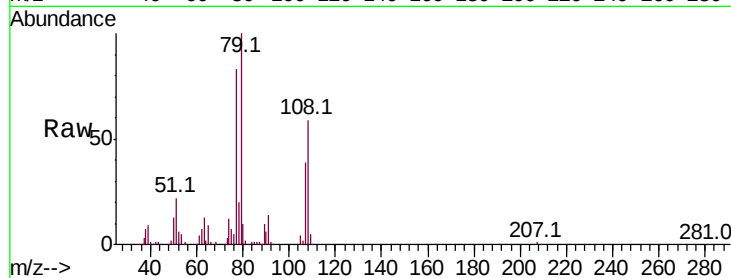
108 59.5 65.0 97.4#

77 83.3 53.0 79.6#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.131 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

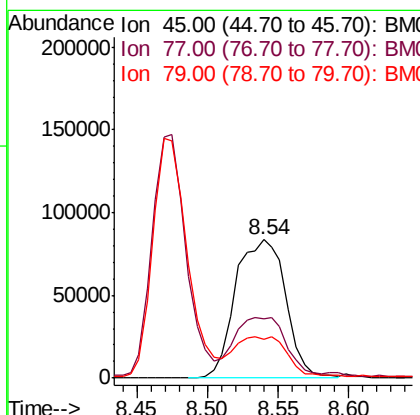
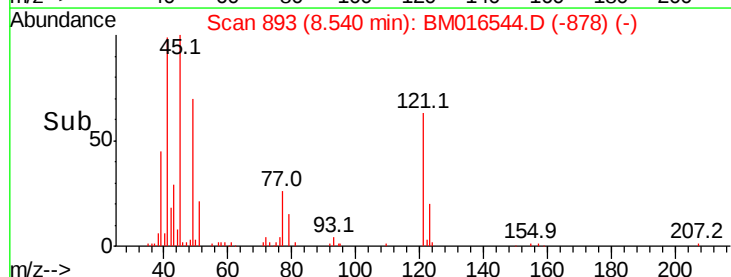
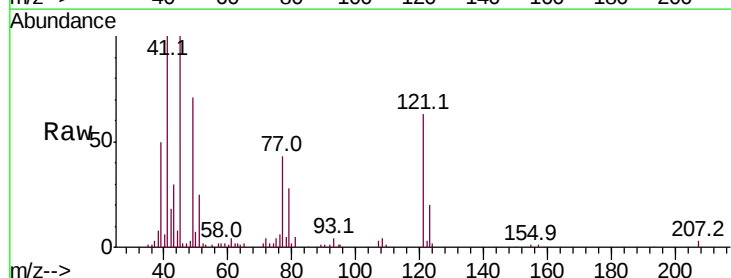
Tgt Ion: 45 Resp: 207573

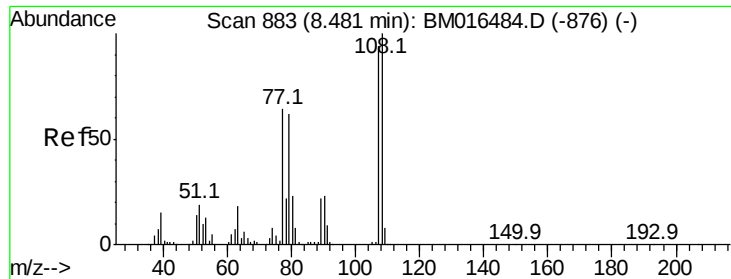
Ion Ratio Lower Upper

45 100

77 43.1 0.0 35.2#

79 28.5 0.0 32.0





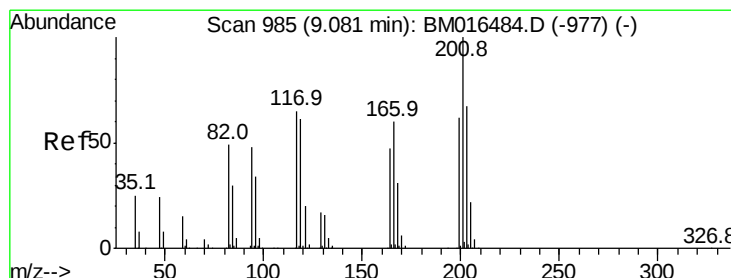
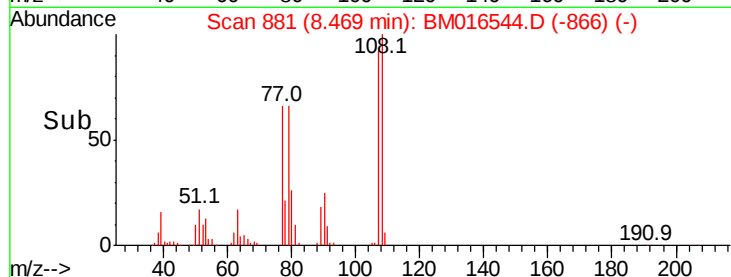
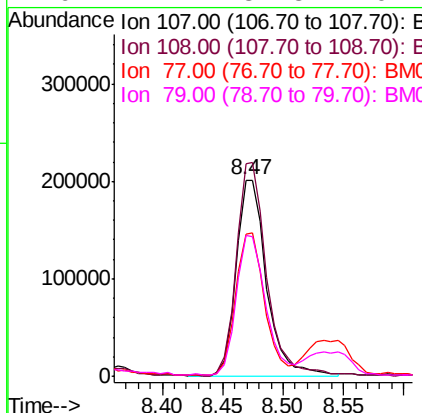
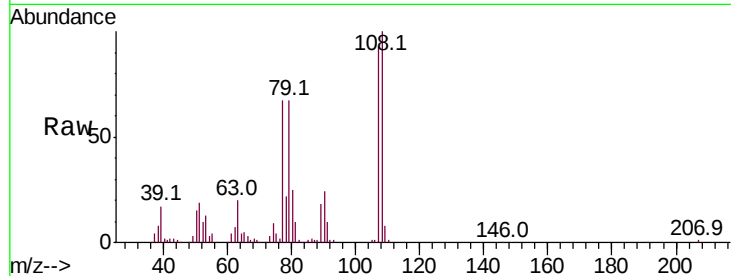
#17
2-Methylphenol
Concen: 19.543 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	89.8	134.8	
77	72.2	32.6	48.8	#
79	72.1	32.8	49.2	#

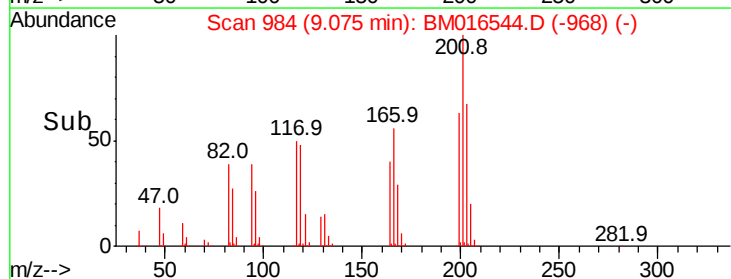
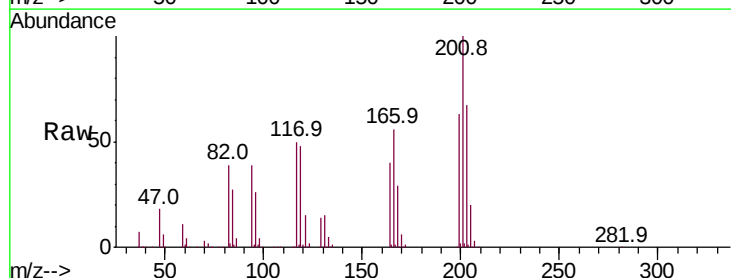
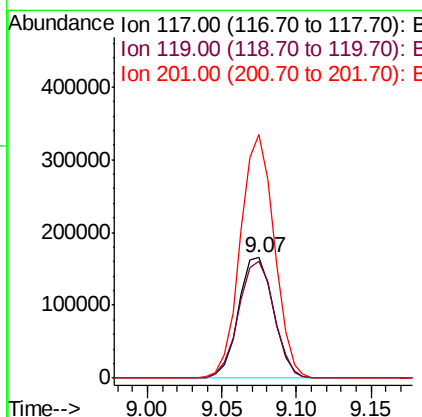
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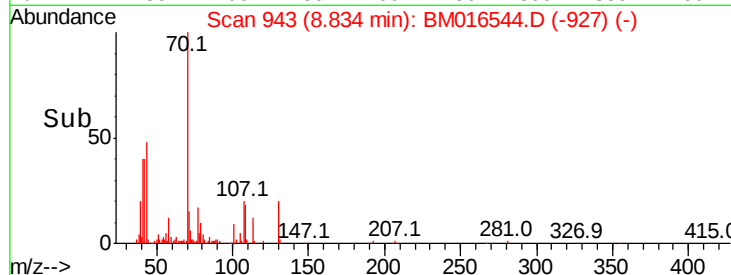
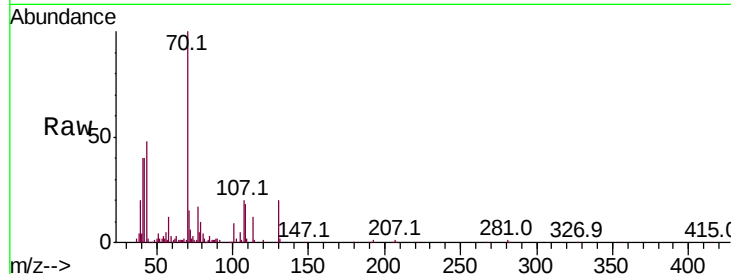
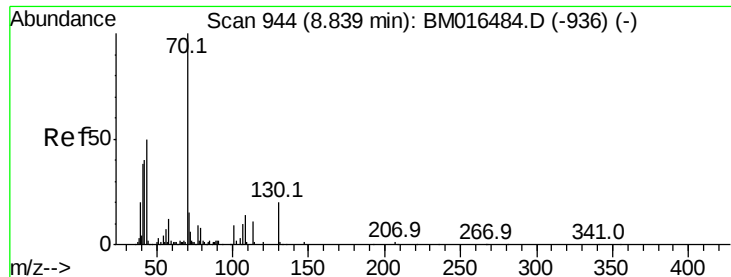
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#18
Hexachloroethane
Concen: 18.957 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	79.2	118.8	
201	201.9	69.8	104.6	#





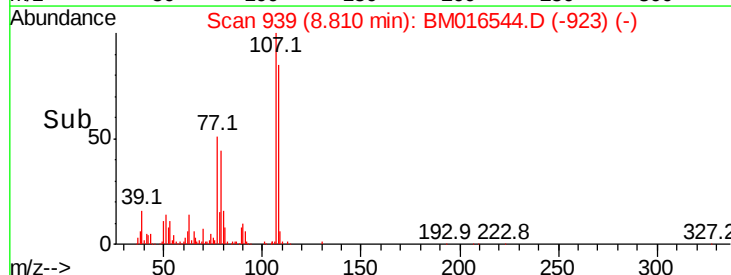
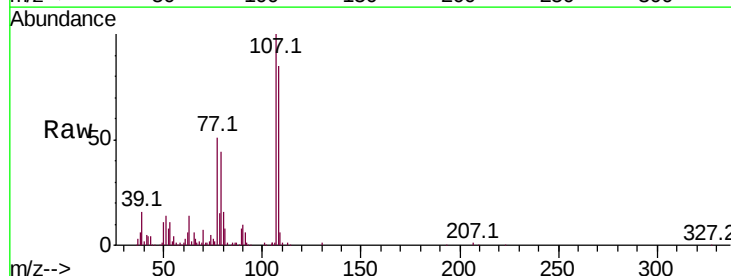
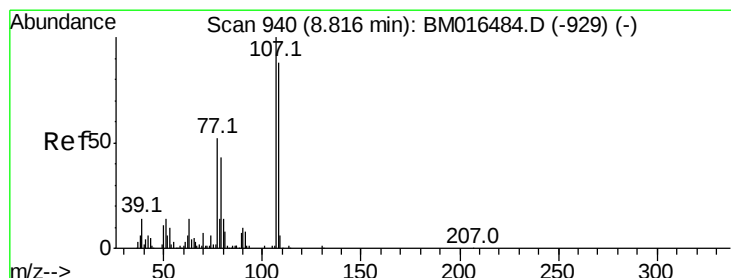
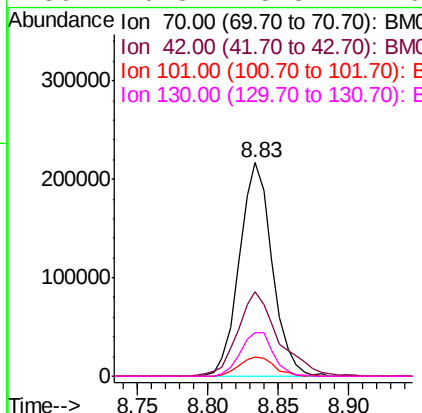
#19
n-Nitroso-di-n-propylamine
Concen: 17.860 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	39.6	44.5	66.7#		
101	9.0	7.4	11.2		
130	20.3	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
PB112126BS

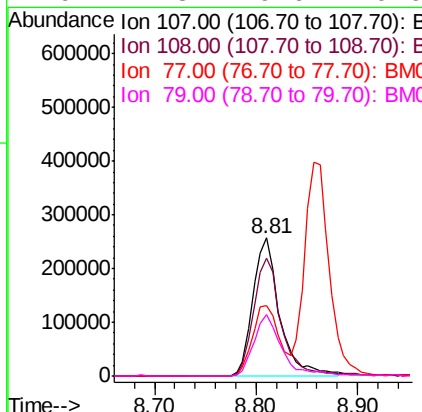
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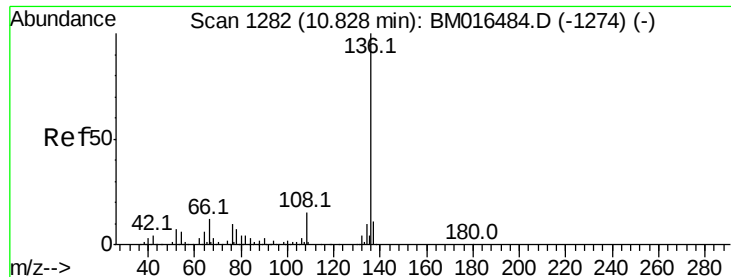
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#20
3+4-Methylphenols
Concen: 18.781 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.1	73.2	113.2		
77	51.5	10.7	50.7#		
79	44.3	9.6	49.6		





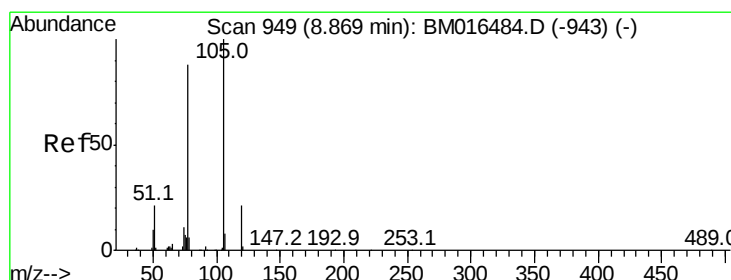
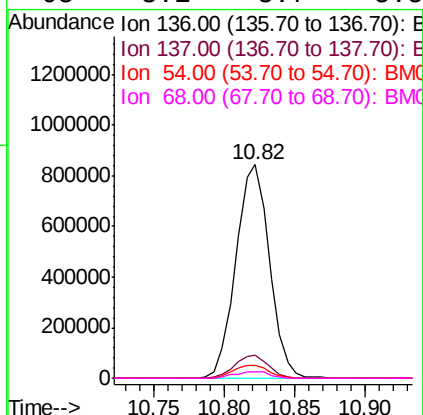
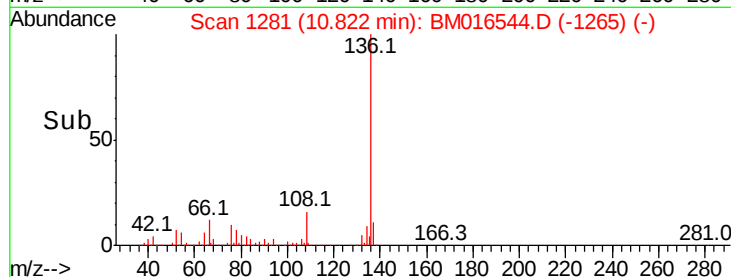
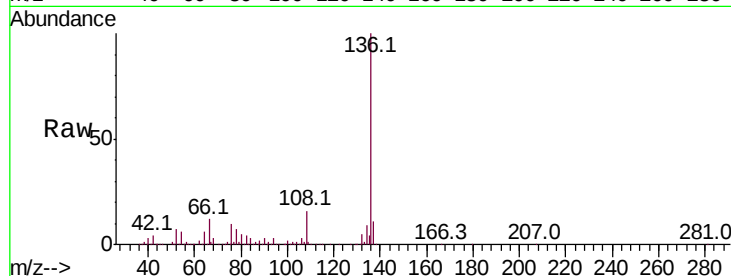
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.2	4.6	6.8
68	3.1	3.7	5.5#

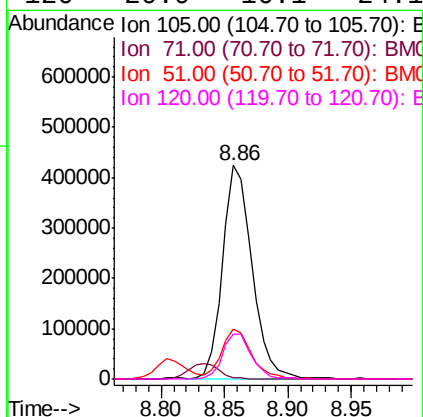
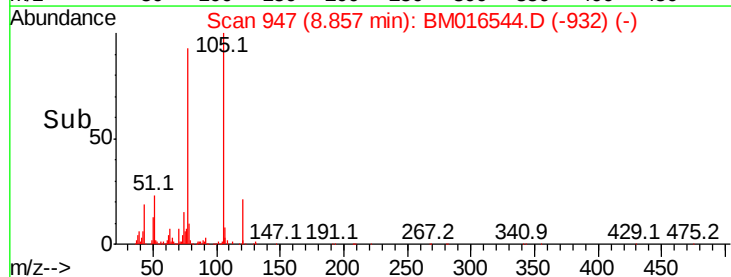
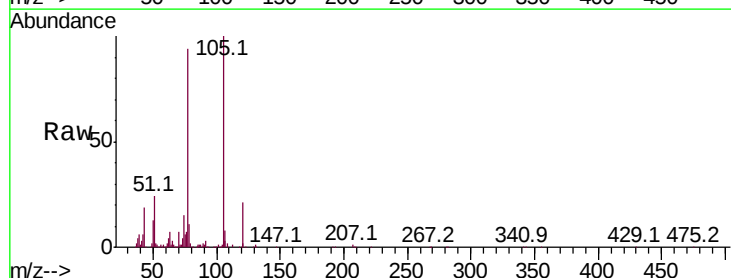
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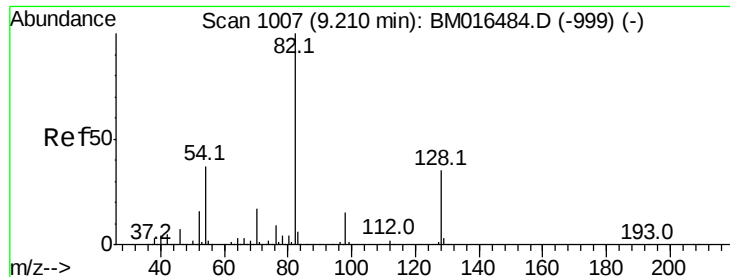
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#22
Acetophenone
Concen: 20.160 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.6	1.0
51	23.5	21.6	32.4
120	20.9	16.1	24.1





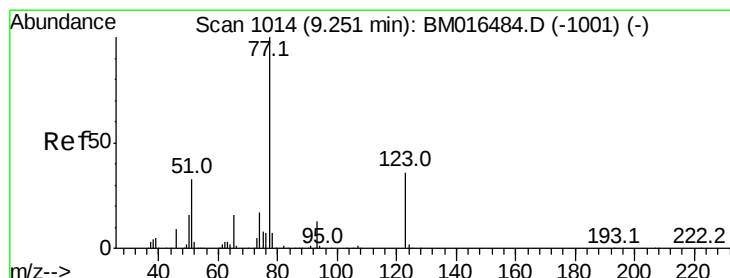
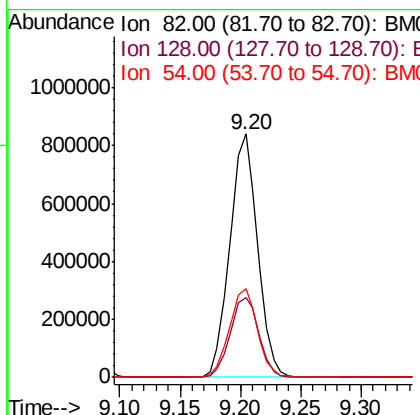
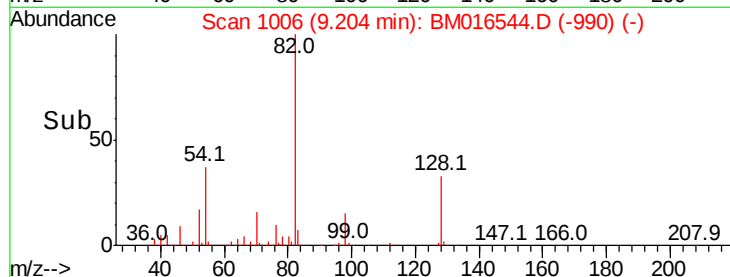
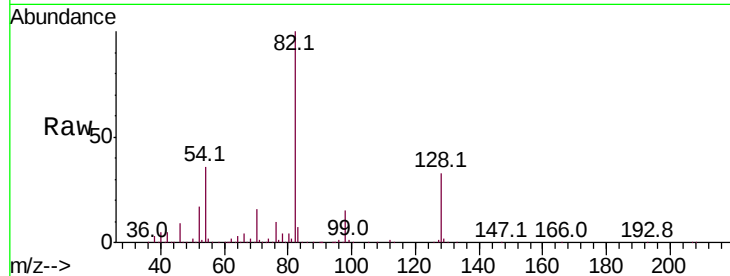
#23
Nitrobenzene-d5
Concen: 44.003 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	32.8	49.2
54	36.5	40.6	60.8#

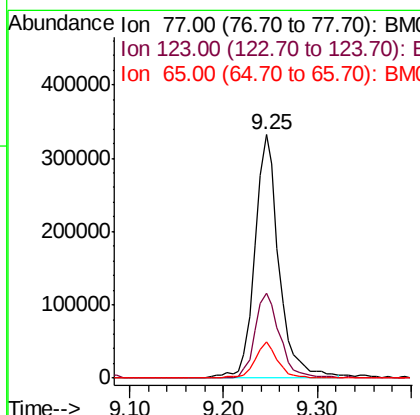
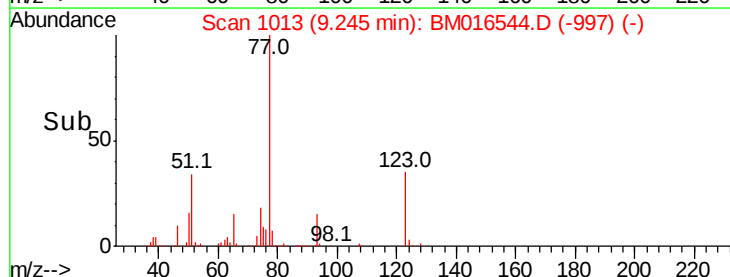
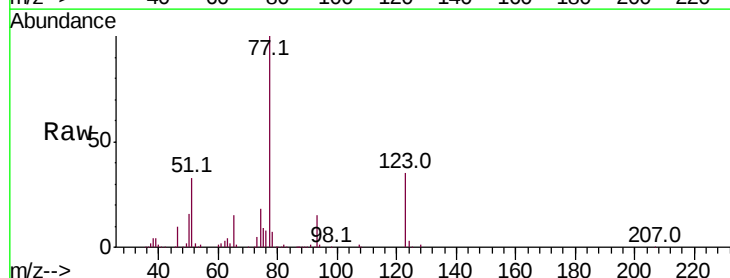
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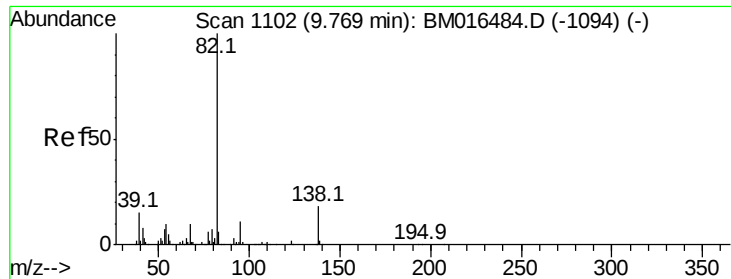
Sohil
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#24
Nitrobenzene
Concen: 19.142 ng
RT: 9.25 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.7	32.6	49.0
65	14.8	10.9	16.3





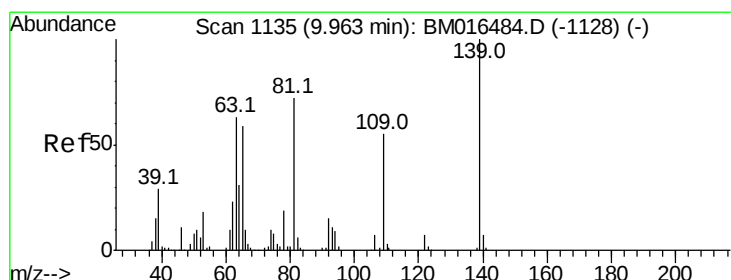
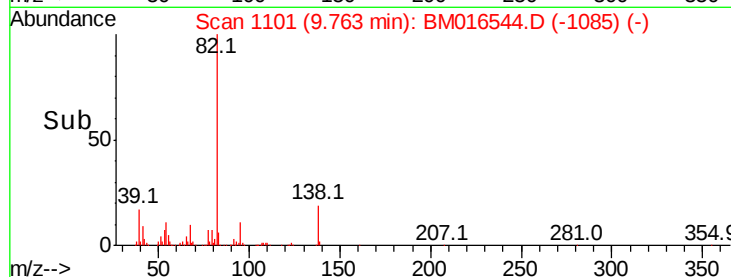
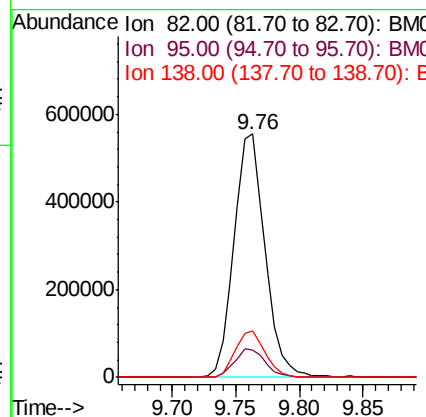
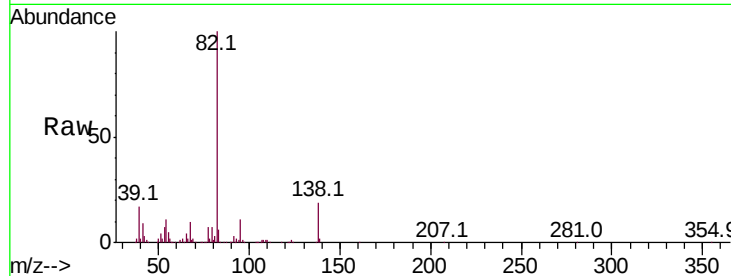
#25
Isophorone
Concen: 22.917 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	11.4	5.8	8.6#	
138	19.3	16.3	24.5	

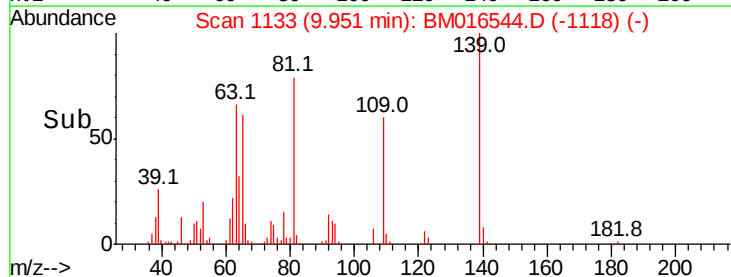
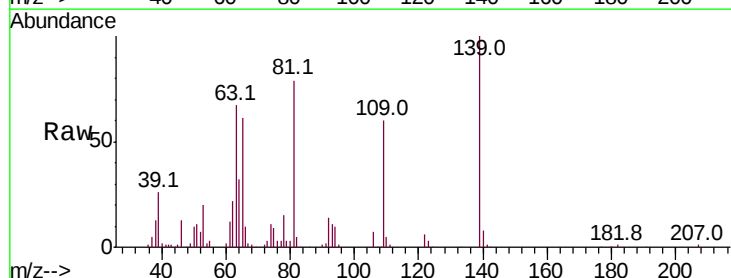
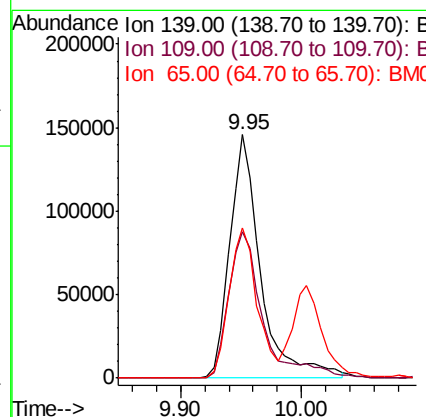
Manual Integrations
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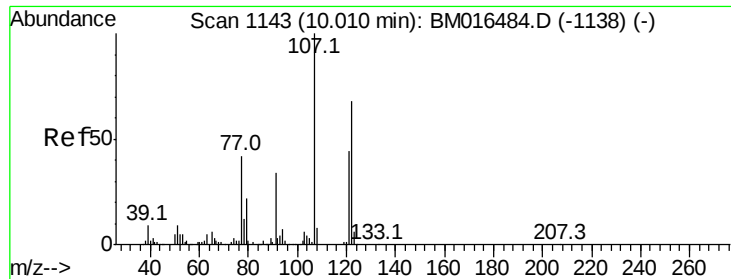
Sohil
8/23/2018 6:39:27 PM



#26
2-Nitrophenol
Concen: 19.723 ng
RT: 9.95 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.9	20.1	30.1#	
65	61.4	31.5	47.3#	





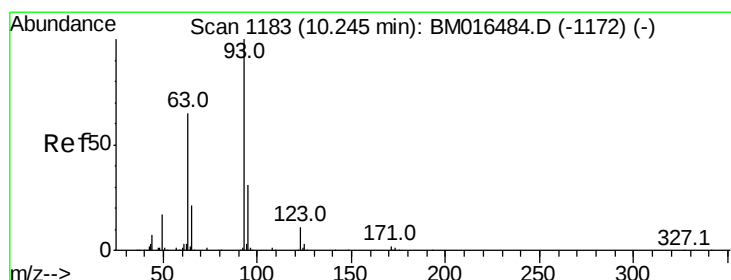
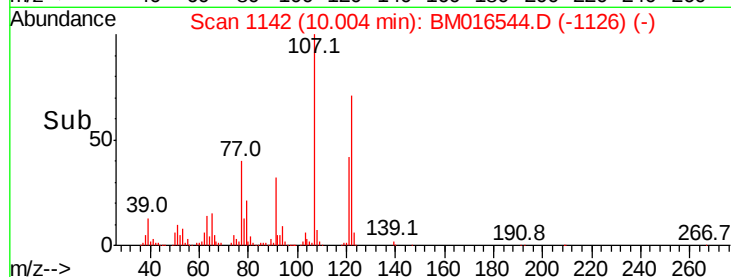
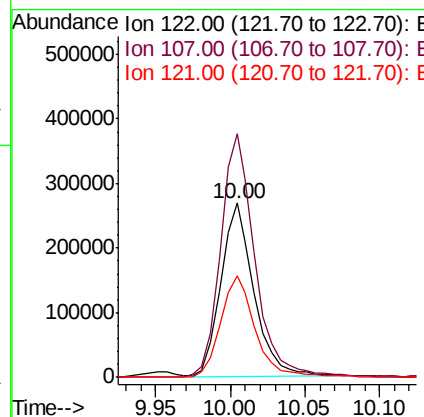
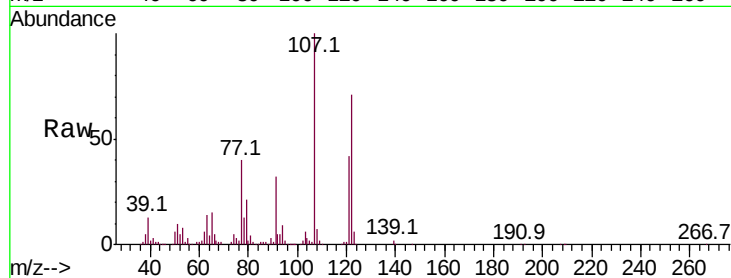
#27
2,4-Dimethylphenol
Concen: 24.401 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.9	84.7	127.1#
121	58.5	46.6	69.8

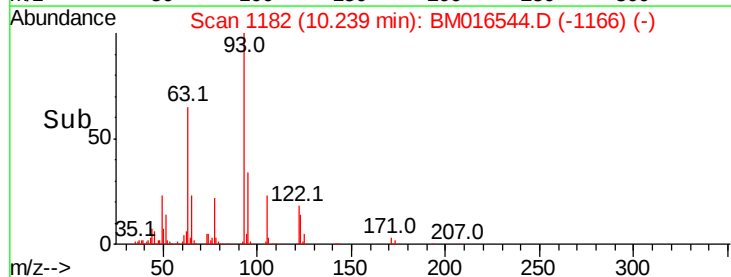
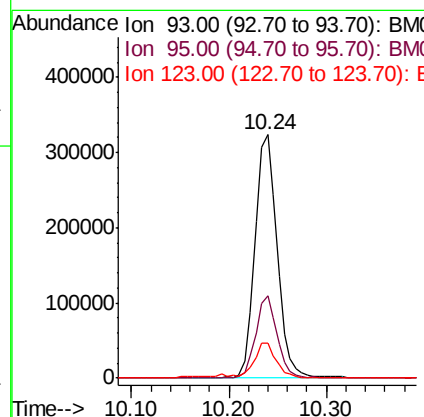
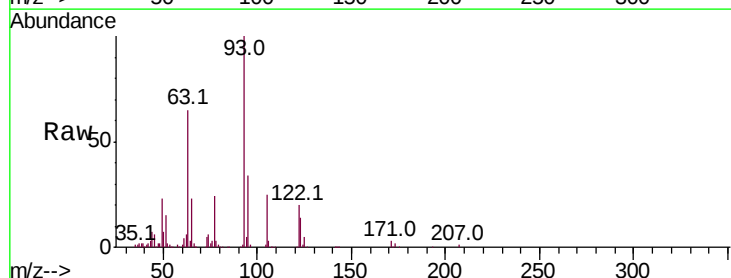
Manual Integrations
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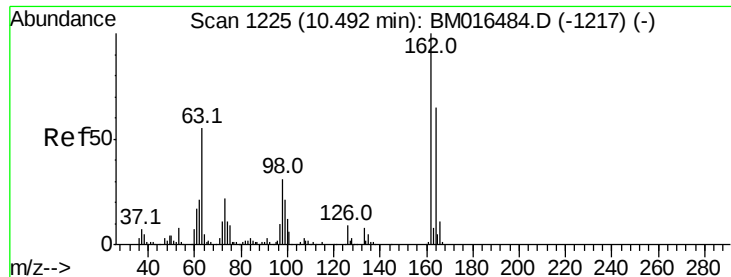
Sohil
8/23/2018 6:39:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 21.047 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.5	38.3
123	14.2	8.6	13.0#





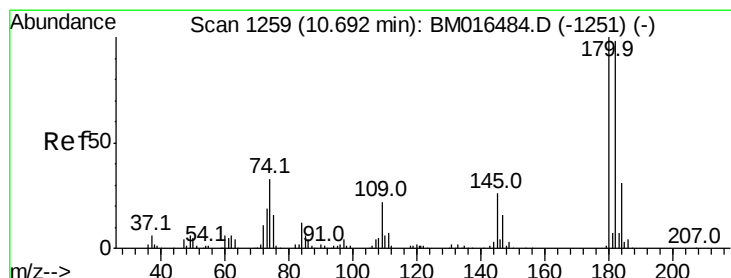
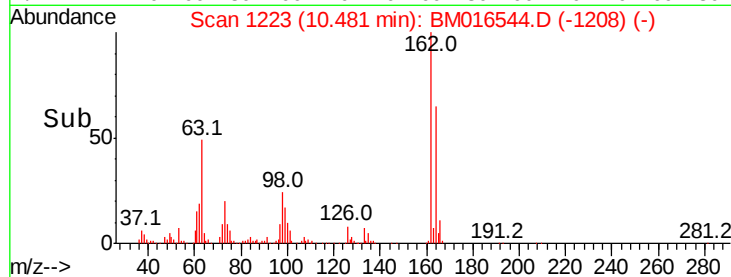
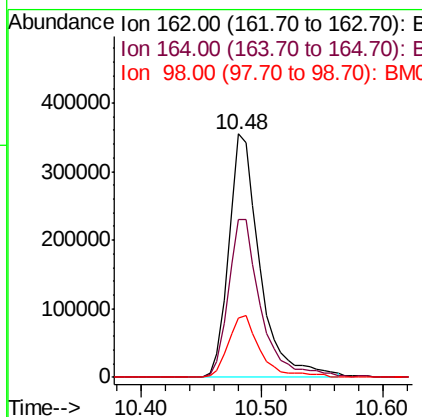
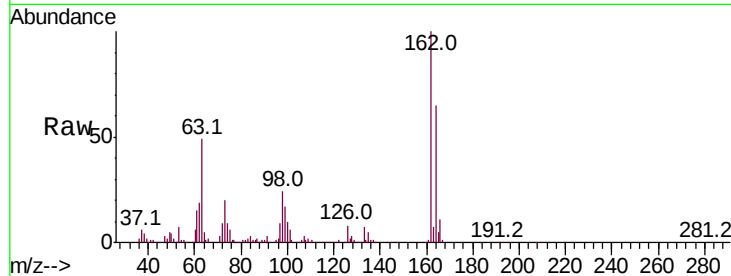
#29
2,4-Dichlorophenol
Concen: 24.848 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.8	82.8
98	24.2	14.5	54.5

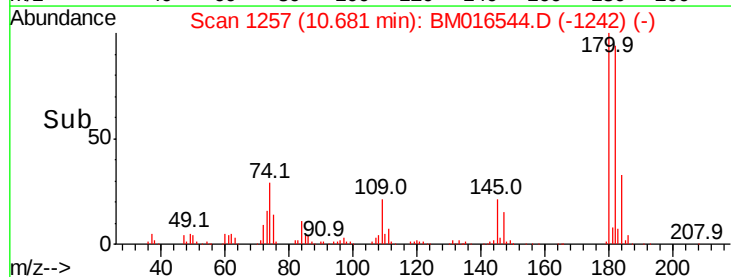
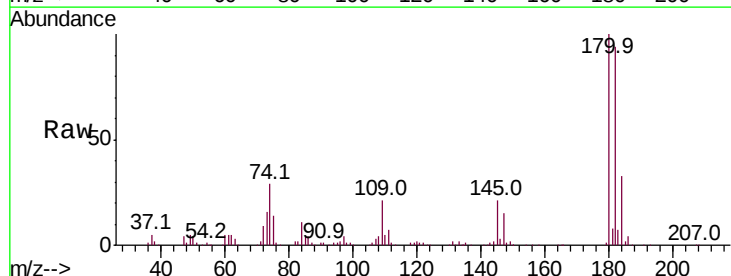
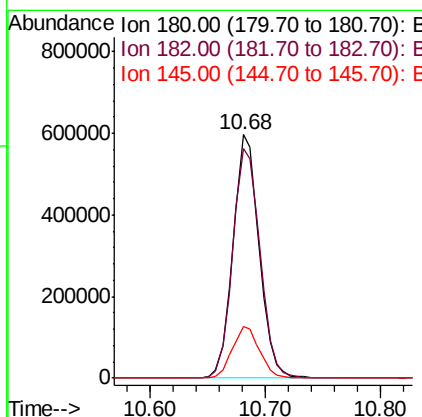
Manual Integrations
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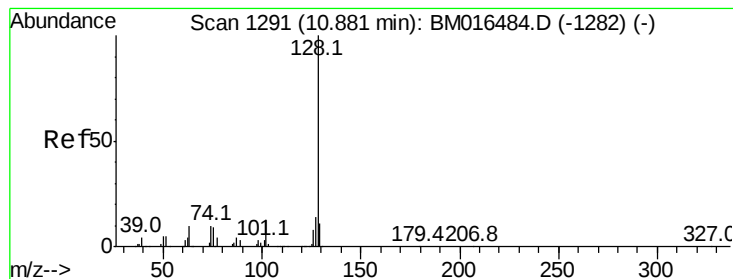
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#30
1,2,4-Trichlorobenzene
Concen: 24.097 ng
RT: 10.68 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.6	116.4
145	21.4	23.4	35.2#





#31

Naphthalene

Concen: 21.206 ng

RT: 10.87 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampleId :

PB112126BS

Tot Ion:128 Resp: 1414851

Ion Ratio Lower Upper

128 100

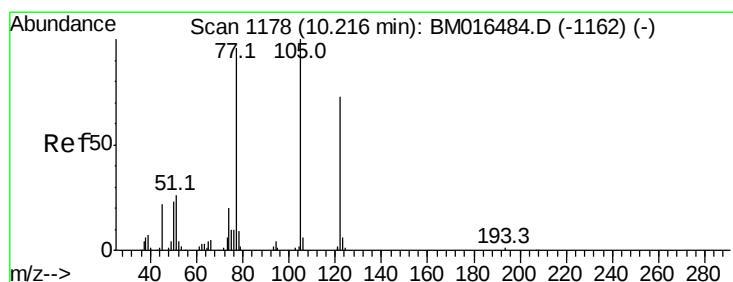
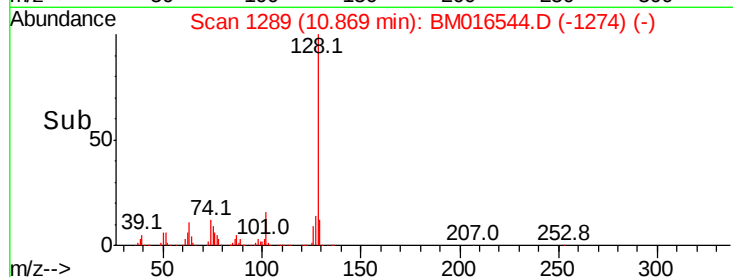
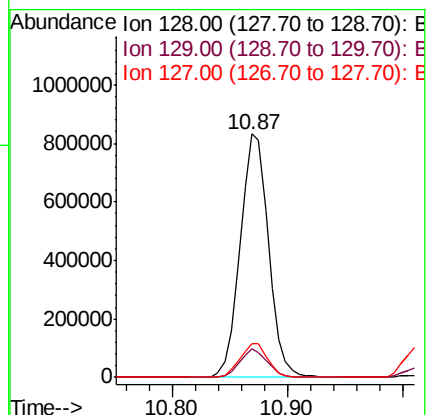
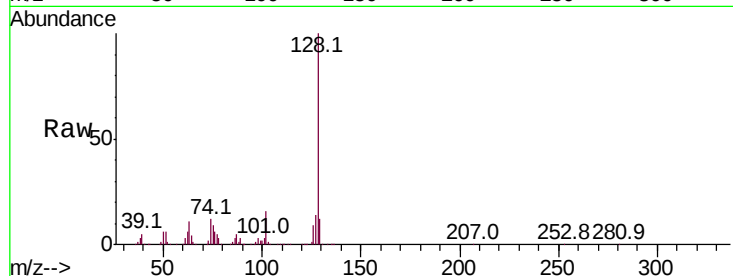
129 11.6 8.9 13.3

127 13.9 10.4 15.6

Manual Integrations
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#32

Benzoic acid

Concen: 17.756 ng

RT: 10.23 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

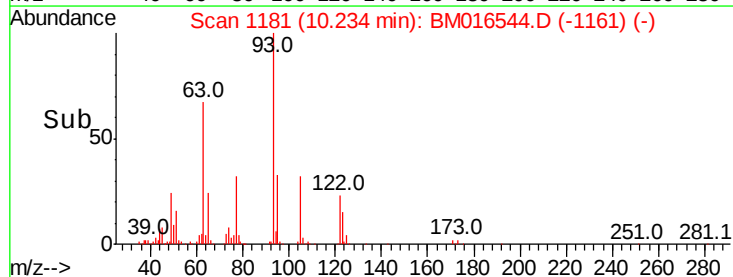
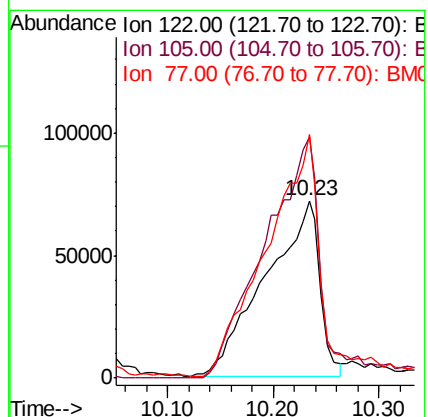
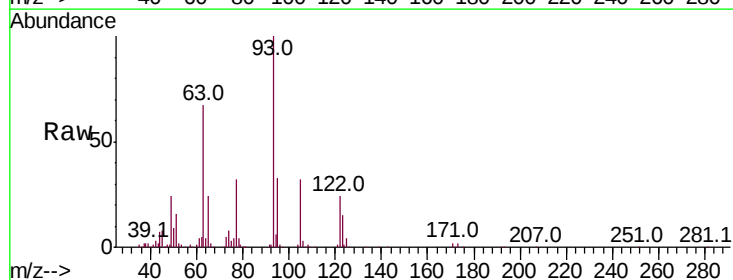
Tgt Ion:122 Resp: 253626

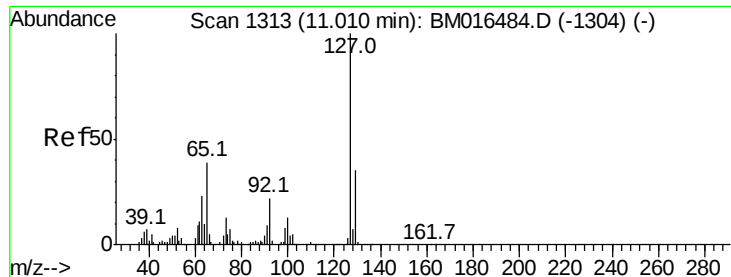
Ion Ratio Lower Upper

122 100

105 135.6 99.9 139.9

77 137.1 73.7 113.7#





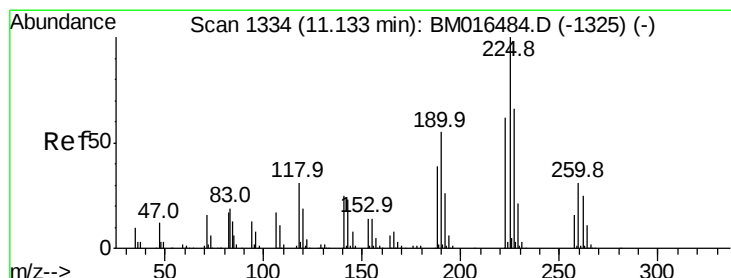
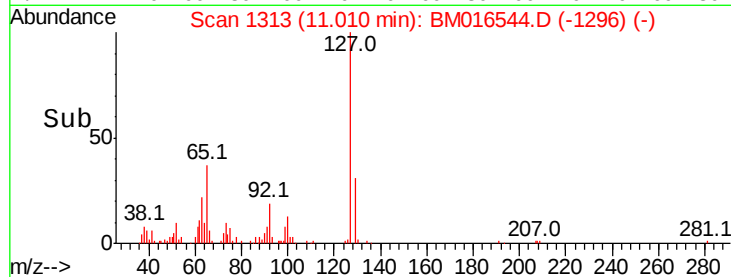
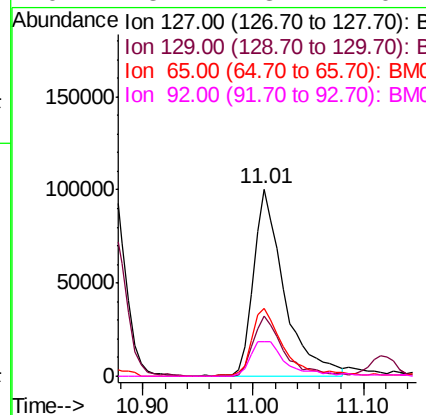
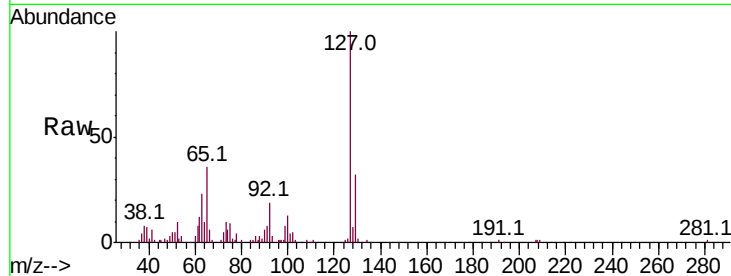
#33
4-Chloroaniline
Concen: 7.001 ng
RT: 11.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.3	37.9		
65	36.4	17.6	26.4		
92	18.7	13.1	19.7		

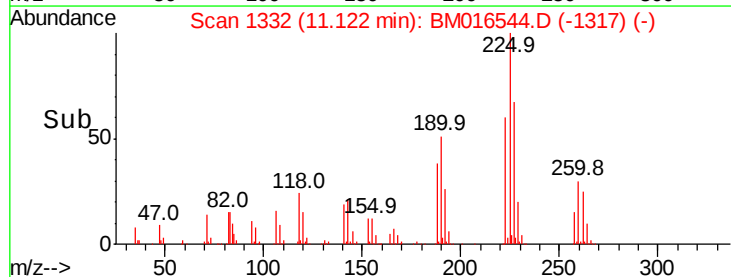
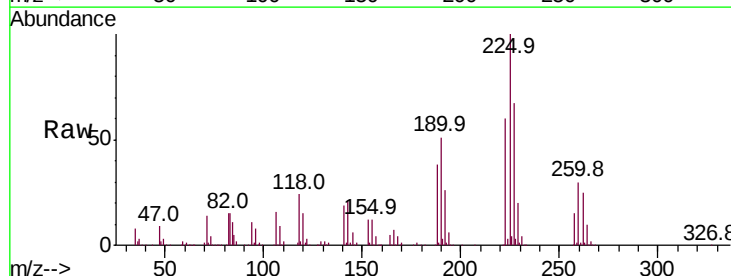
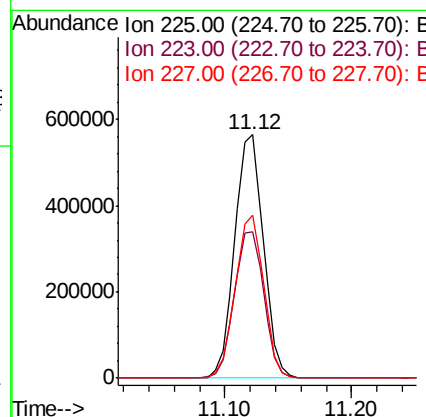
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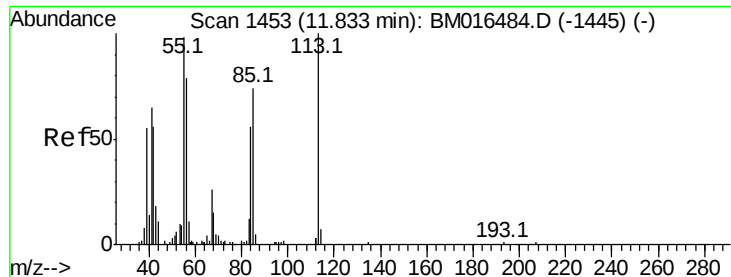
Sohil
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#34
Hexachlorobutadiene
Concen: 23.829 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.3	47.9	71.9		
227	66.8	50.1	75.1		





#35

Caprolactam

Concen: 17.267 ng/ml

RT: 11.83 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

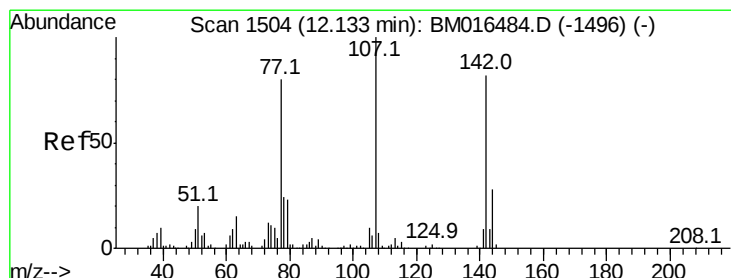
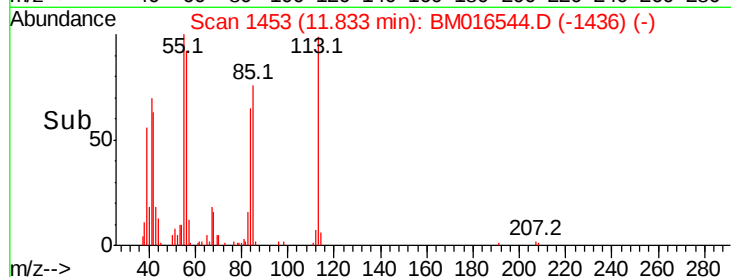
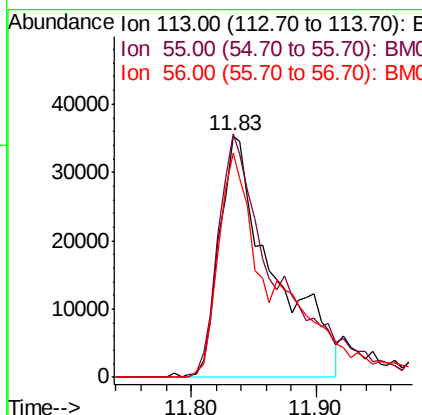
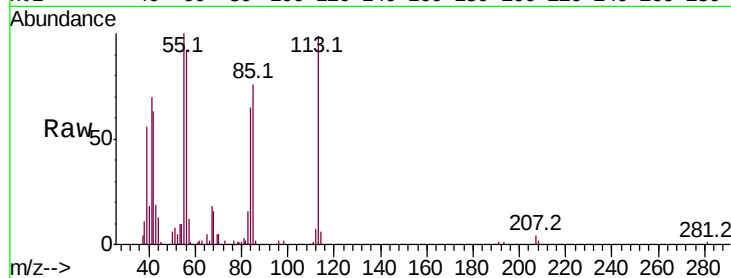
ClientSampleId :

PB112126BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	100.8	145.9	185.9#
56	92.9	101.0	141.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 20.594 ng/ml

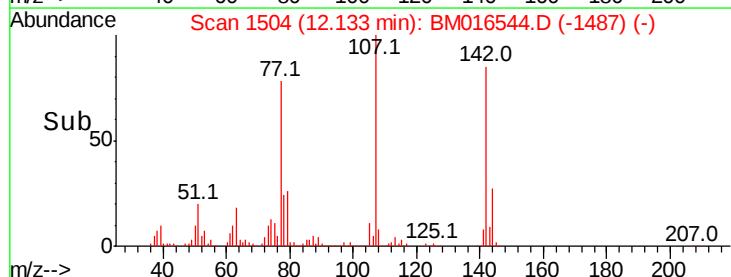
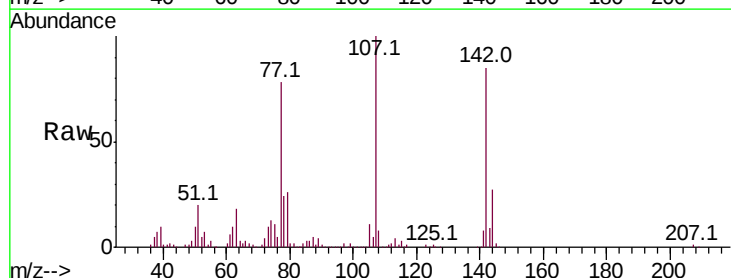
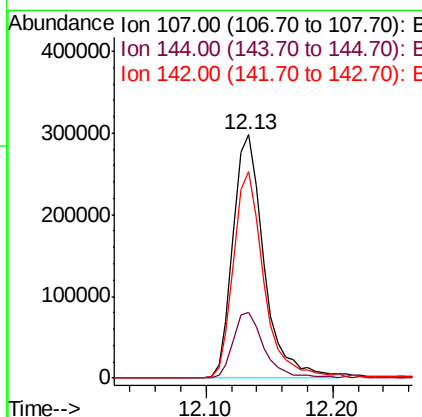
RT: 12.13 min Scan# 1504

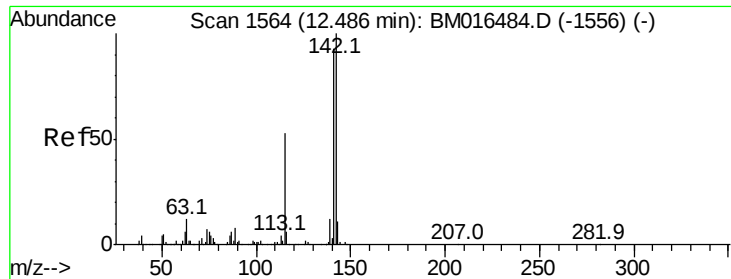
Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	23.3	34.9
142	84.9	72.6	109.0





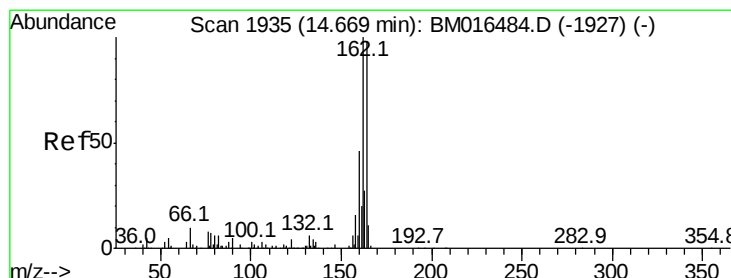
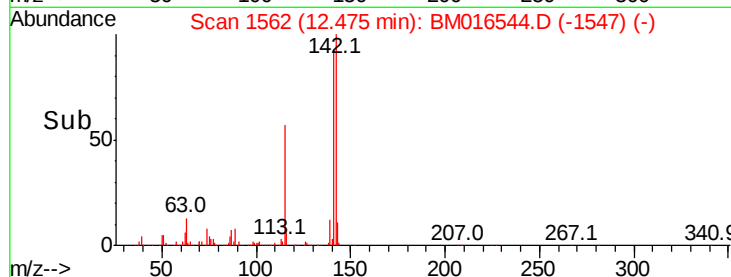
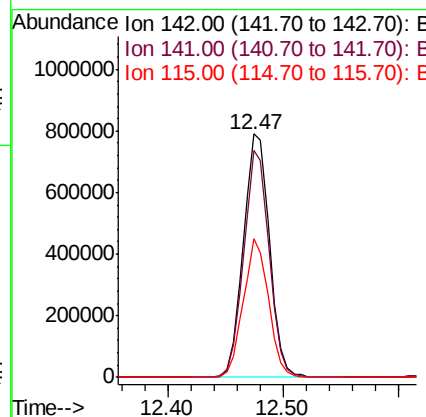
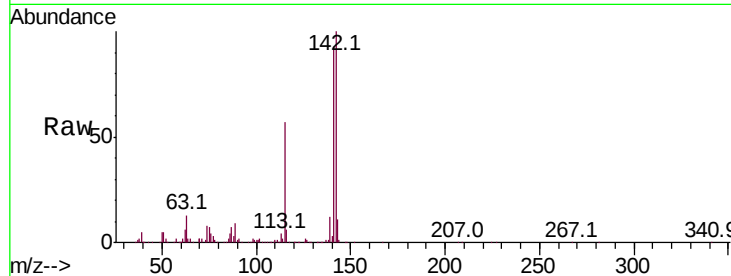
#37
2-Methylnaphthalene
Concen: 23.730 ng
RT: 12.47 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.9	107.9
115	56.7	25.4	38.0

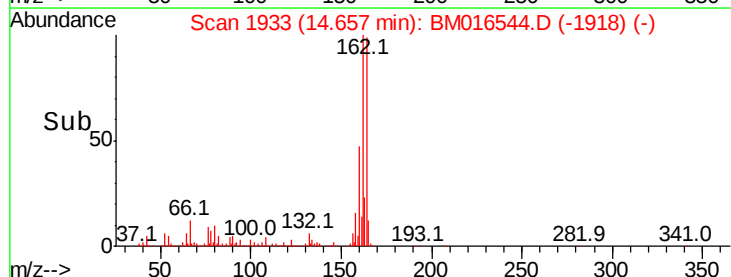
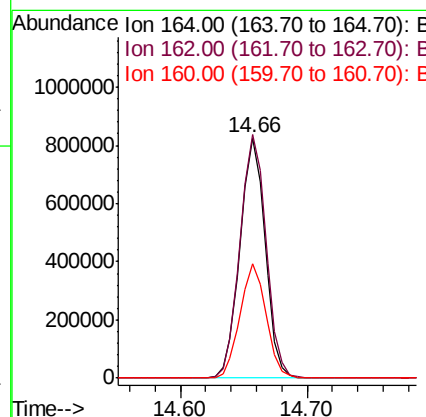
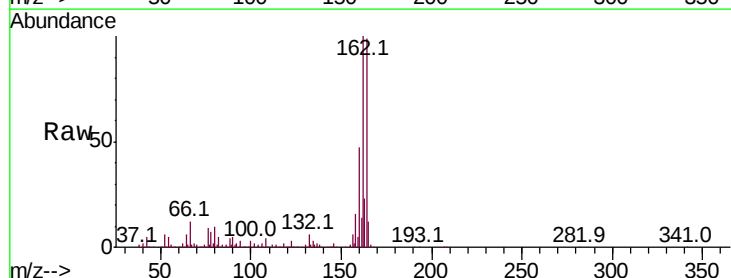
Manual Integrations
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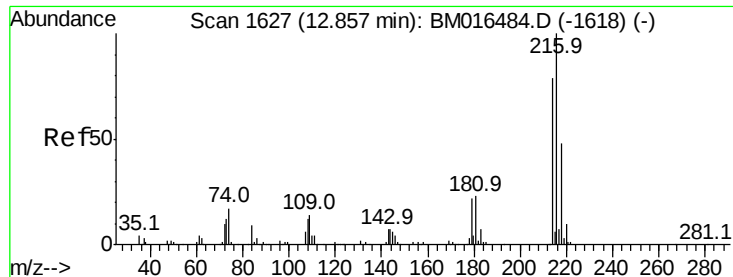
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.4	123.6
160	47.5	35.8	53.6





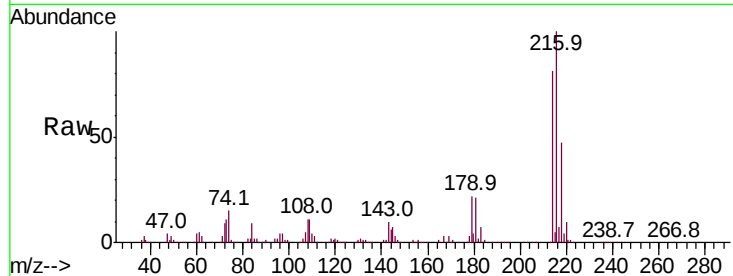
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.656 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	1386874		
214	79.9	0.0	0.0	0.0
179	20.9	0.0	0.0	0.0
108	11.6	0.0	0.0	0.0

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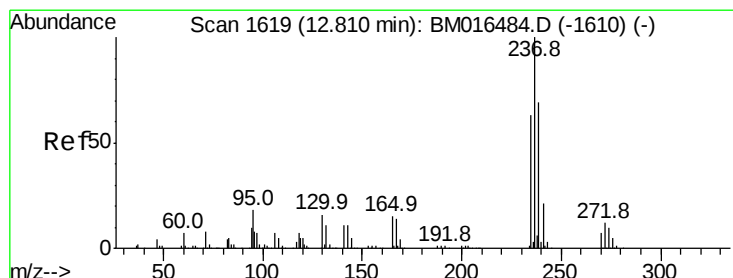
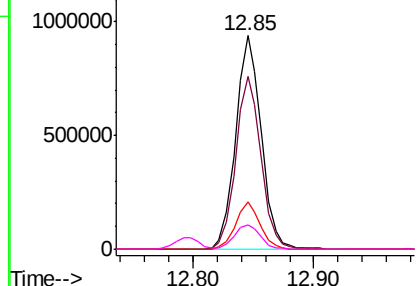
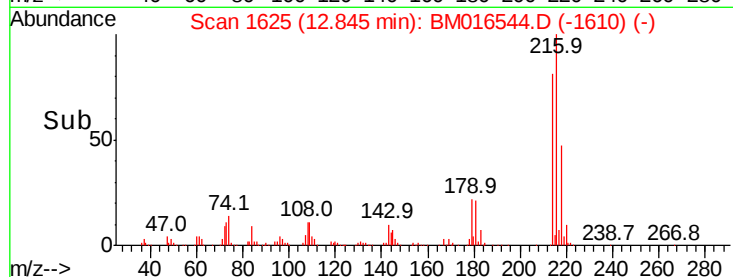
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

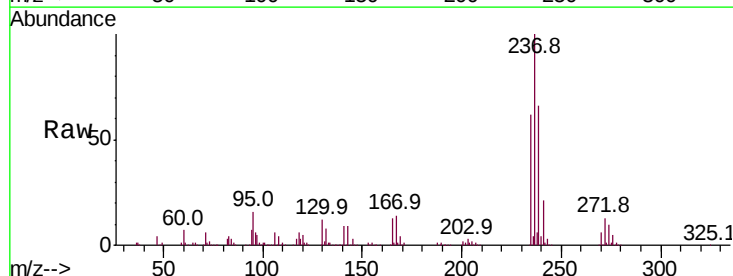
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 65.993 ng
 RT: 12.80 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1784981		
235	61.5	42.0	82.0	
272	12.7	0.0	33.4	

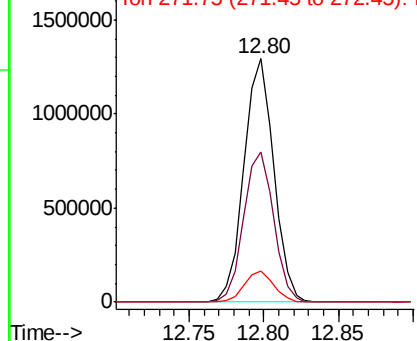
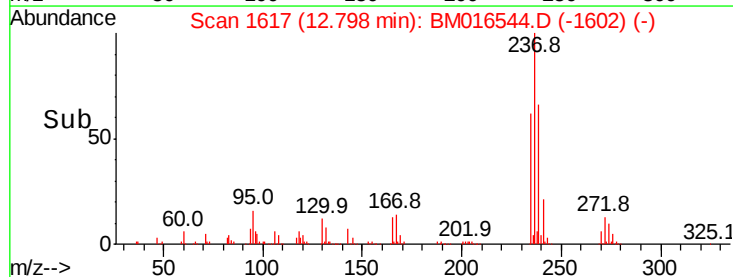


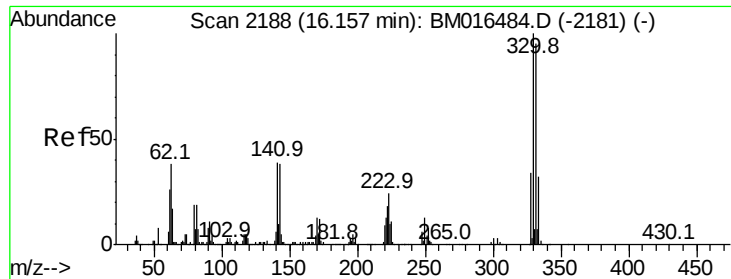
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





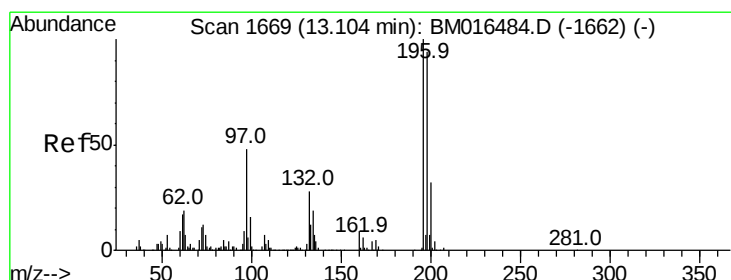
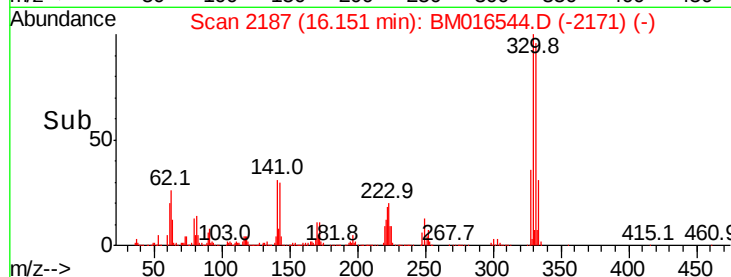
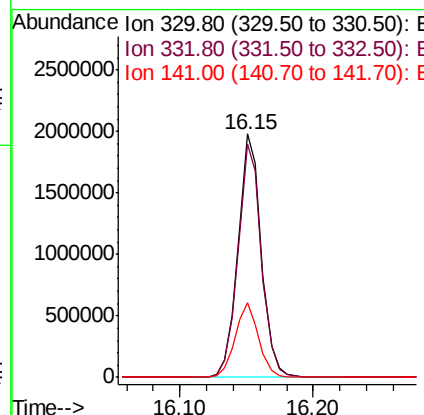
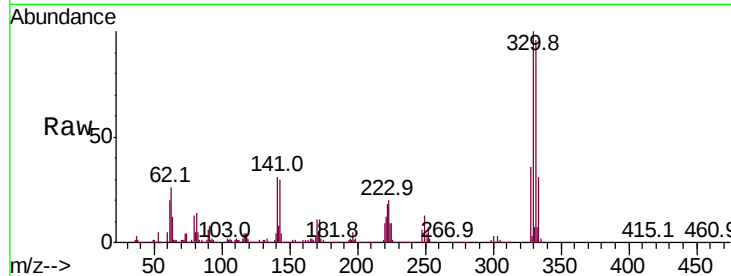
#41
 2,4,6-Tribromophenol
 Concen: 76.187 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	31.2	0.0	0.0#

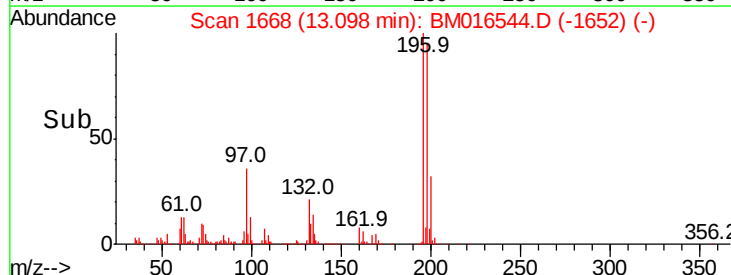
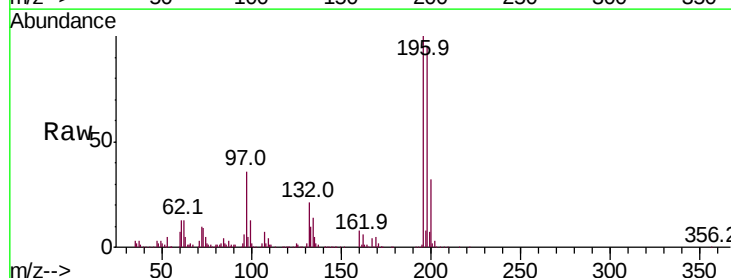
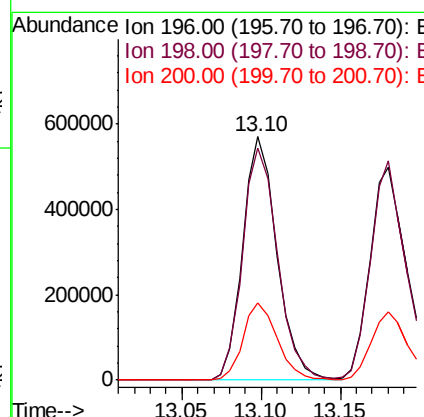
Manual Integrations
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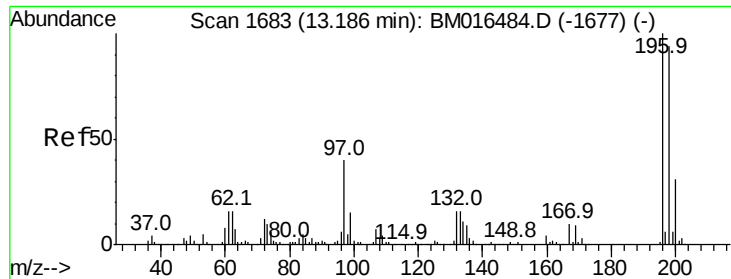
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#42
 2,4,6-Trichlorophenol
 Concen: 22.389 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.3	114.5
200	31.5	25.6	38.4





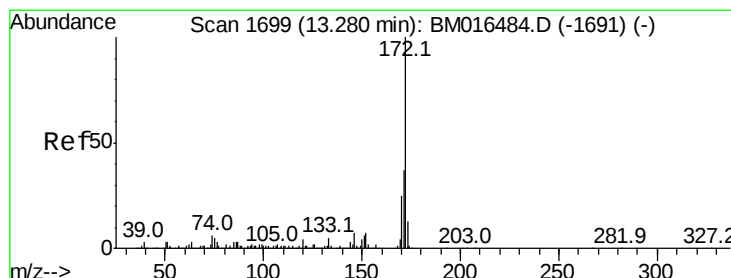
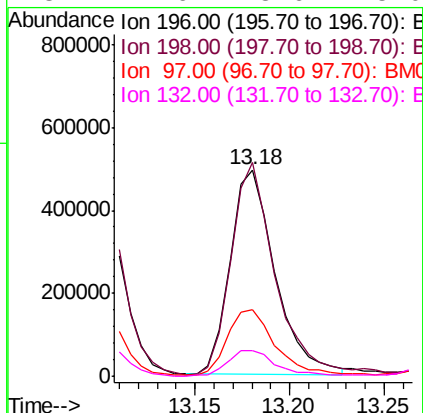
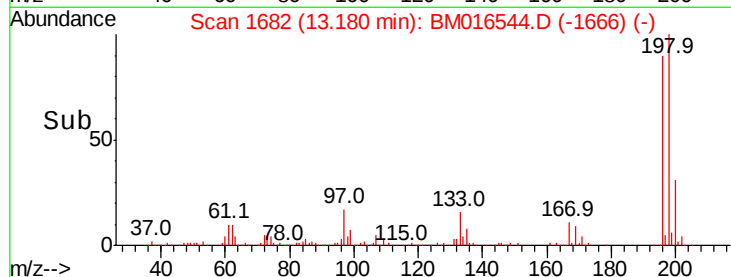
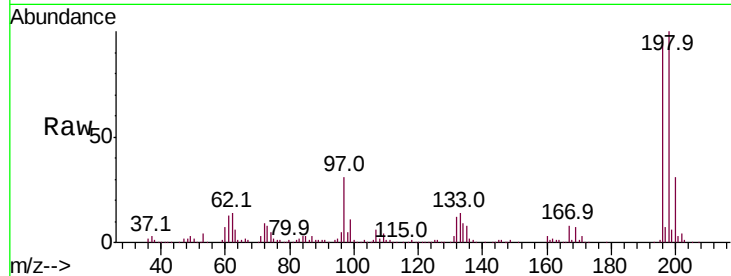
#43
 2,4,5-Trichlorophenol
 Concen: 21.804 ng m
 RT: 13.18 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	815632		
198	103.3	79.4	119.0	
97	32.5	26.8	40.2	
132	12.6	18.6	28.0	

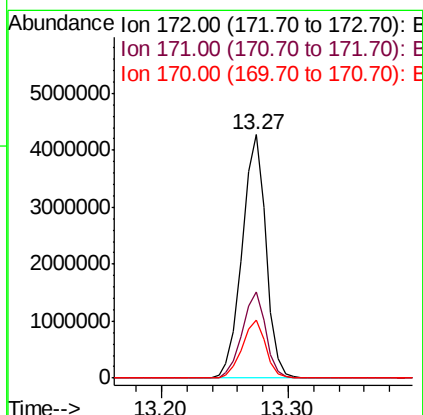
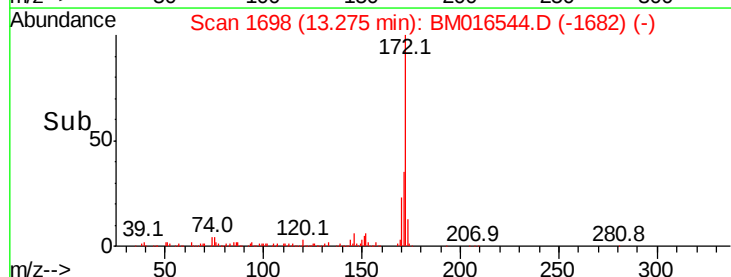
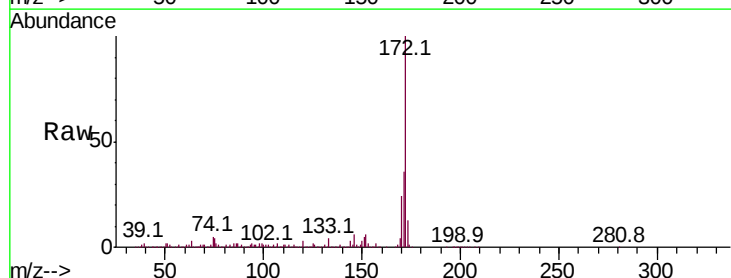
Manual Integrations
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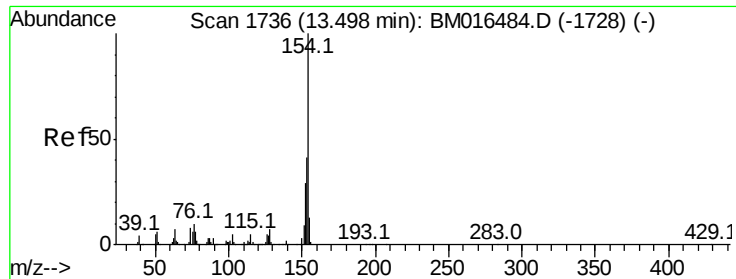
Sohil
 8/23/2018 6:39:27 PM



#44
 2-Fluorobiphenyl
 Concen: 46.925 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	5535529		
171	35.6	28.5	42.7	
170	23.6	18.8	28.2	





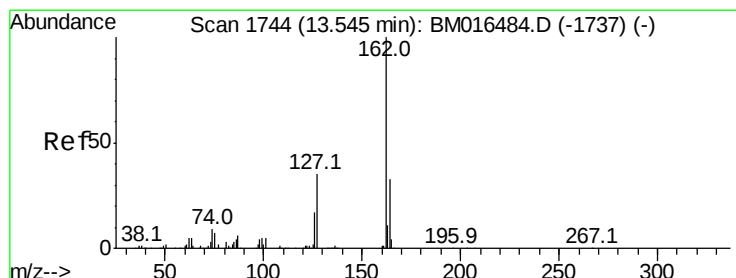
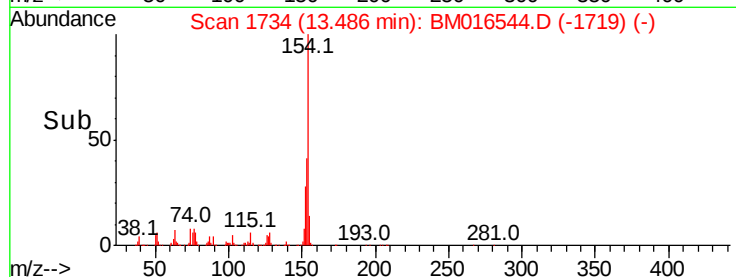
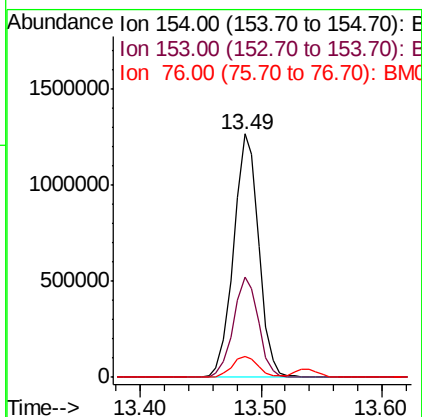
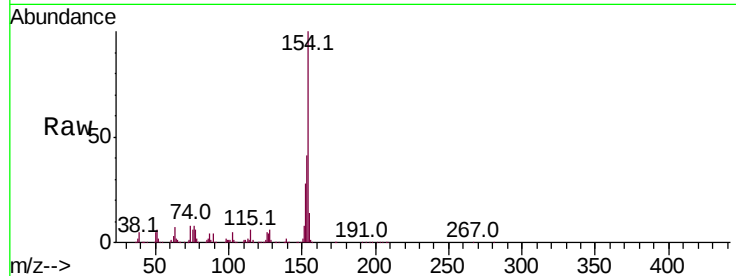
#45
 1,1'-Biphenyl
 Concen: 18.413 ng
 RT: 13.49 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	8.4	0.0	30.9

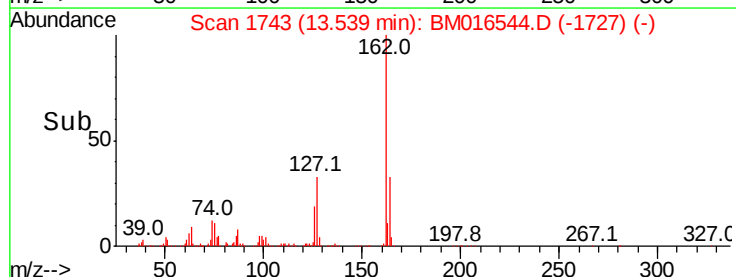
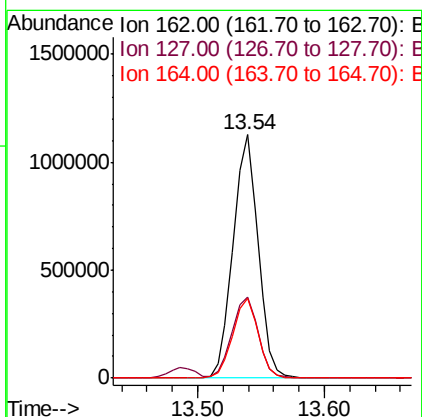
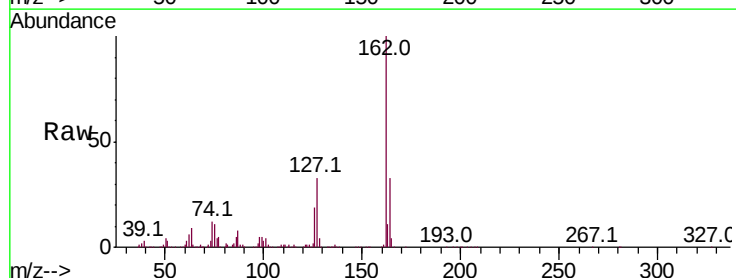
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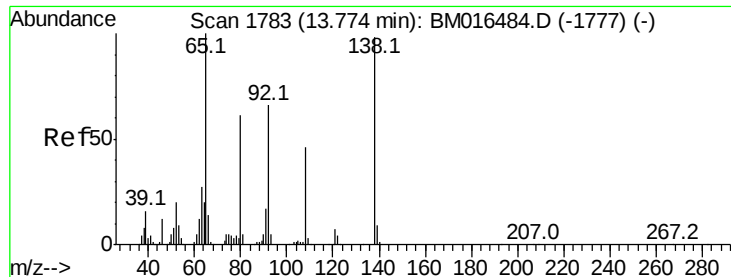
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#46
 2-Chloronaphthalene
 Concen: 19.046 ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.1	26.9	40.3
164	32.8	26.8	40.2





#47

2-Nitroaniline

Concen: 15.946 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

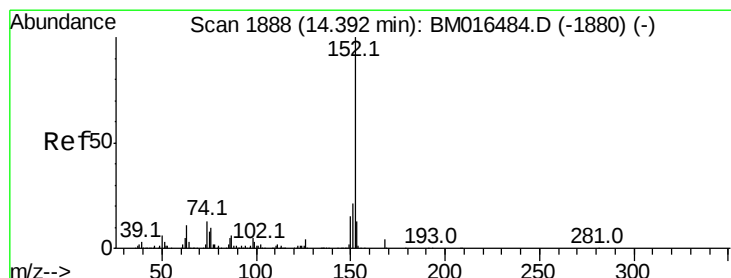
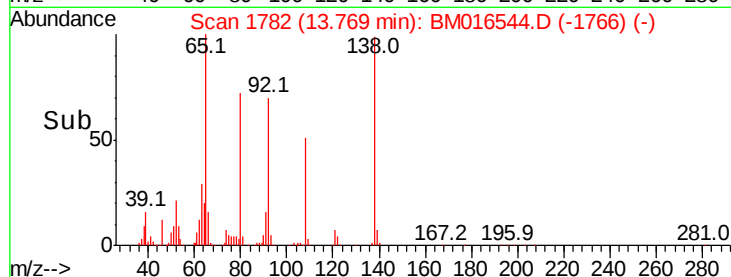
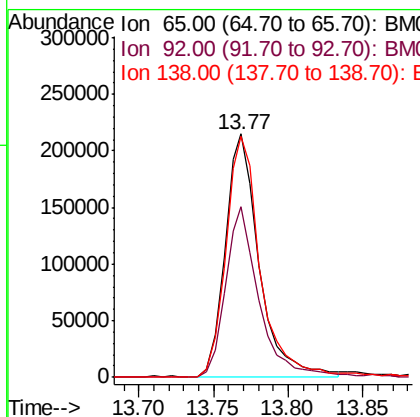
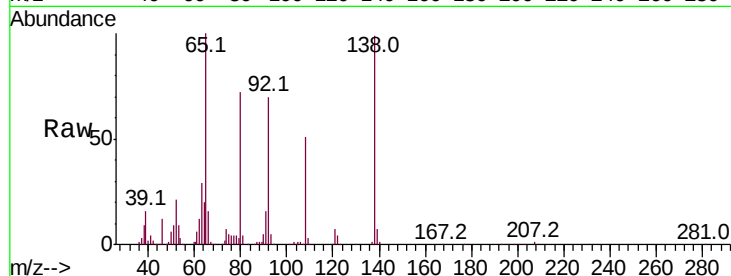
ClientSampleId :

PB112126BS

Tot Ion:	65	Resp:	343086
Ion Ratio	Lower	Upper	
65	100		
92	70.0	59.1	88.7
138	99.0	93.9	140.9

Manual Integrations
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#48

Acenaphthylene

Concen: 20.085 ng

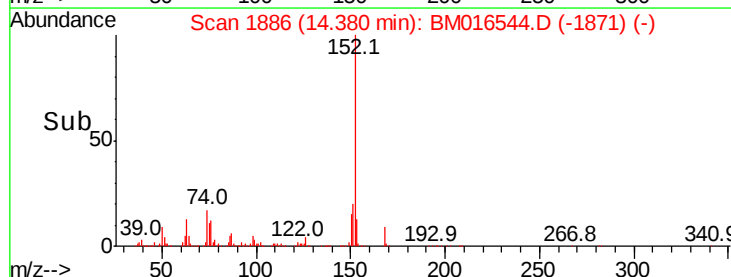
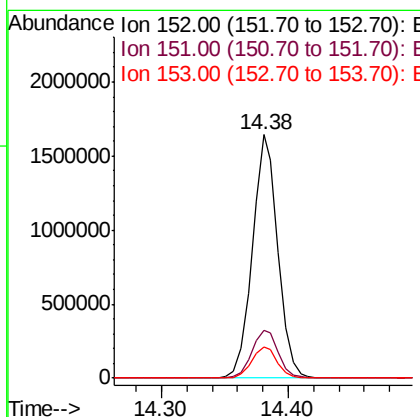
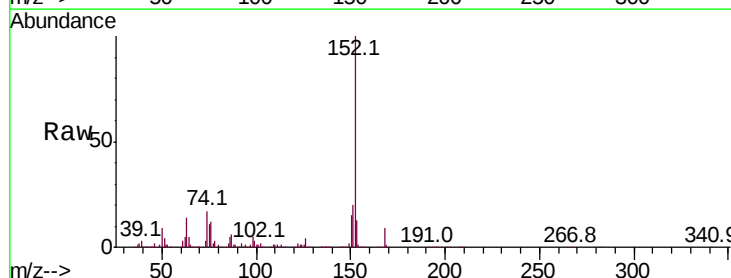
RT: 14.38 min Scan# 1886

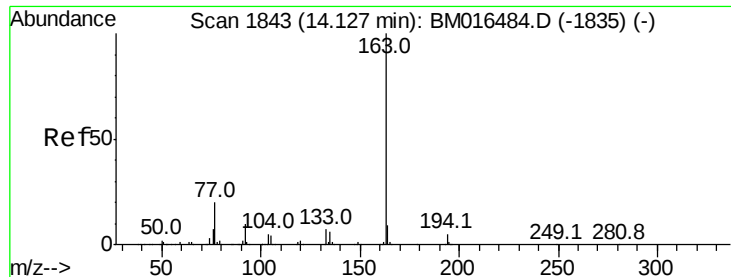
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:	152	Resp:	2290182
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	12.8	10.6	16.0





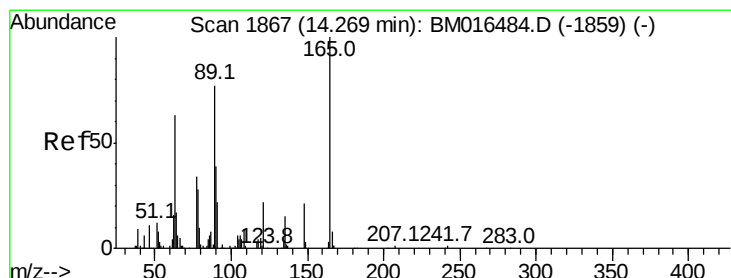
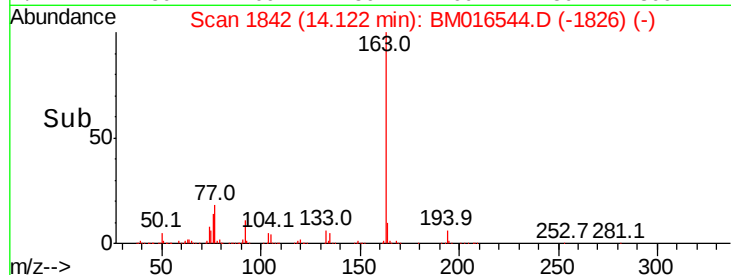
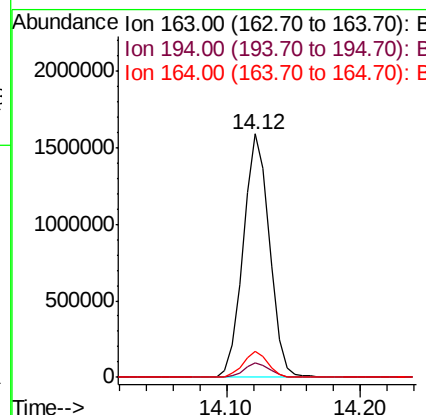
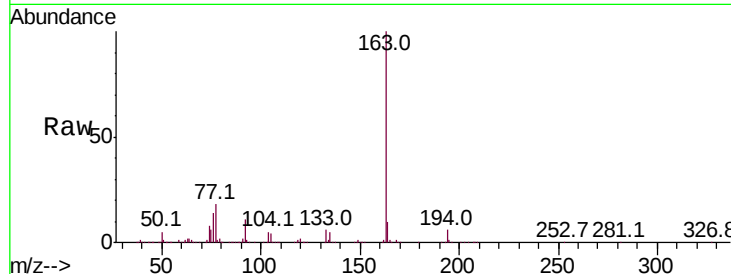
#49
Dimethylphthalate
Concen: 19.805 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.9	2.7	4.1#
164	10.5	8.2	12.2

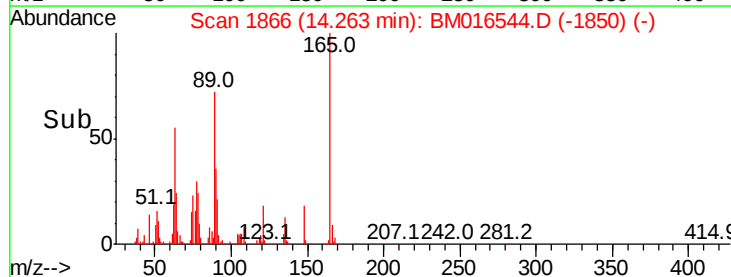
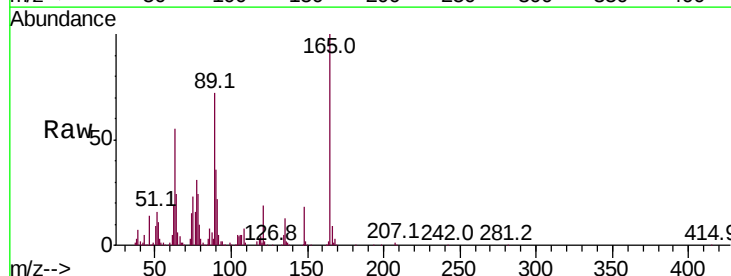
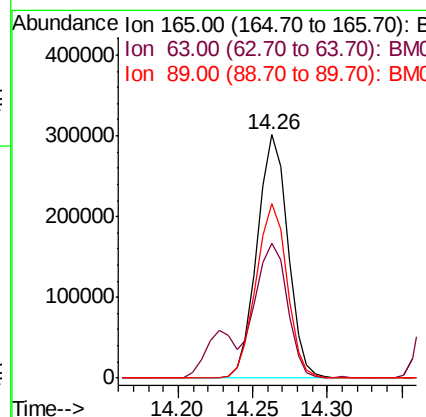
Manual Integrations
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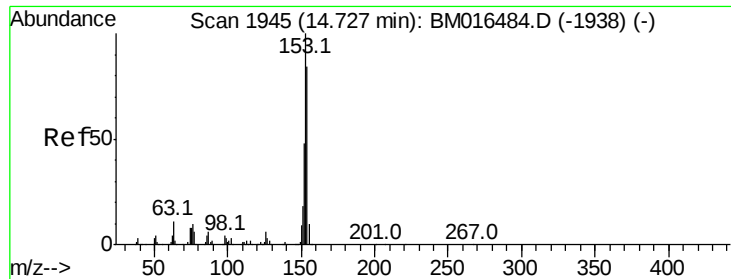
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#50
2,6-Dinitrotoluene
Concen: 20.141 ng
RT: 14.26 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.3	44.1	66.1
89	71.9	44.3	66.5#





#51

Acenaphthene

Concen: 18.992 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampleId :

PB112126BS

Tot Ion:154 Resp: 1330366

Ion Ratio Lower Upper

154 100

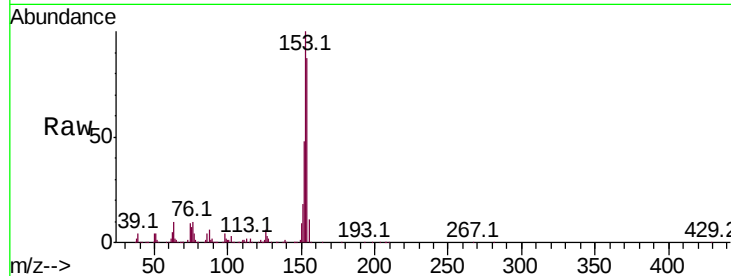
153 115.6 90.0 135.0

152 55.7 42.6 63.8

Manual Integrations
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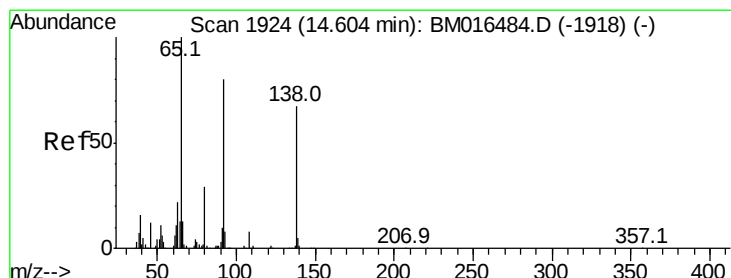
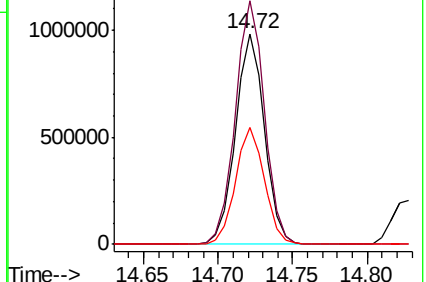
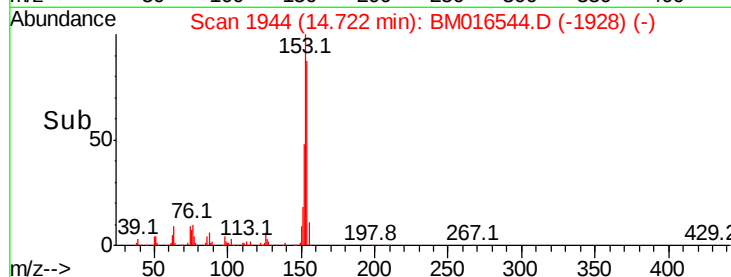
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.495 ng

RT: 14.60 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

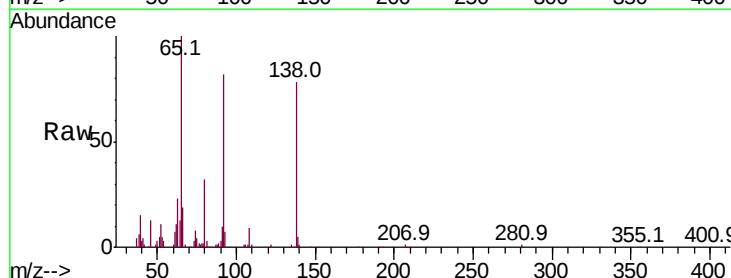
Tgt Ion:138 Resp: 164243

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

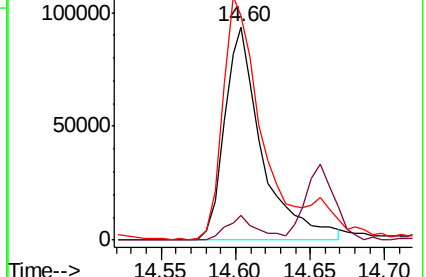
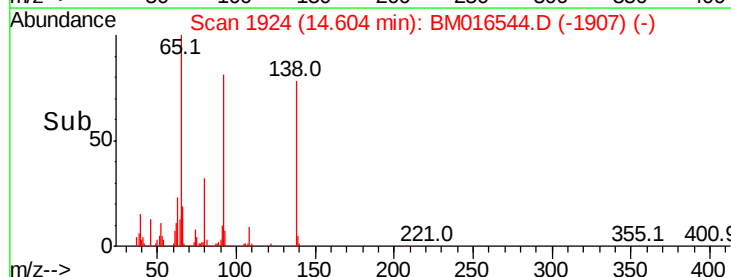
92 105.3 76.6 114.8

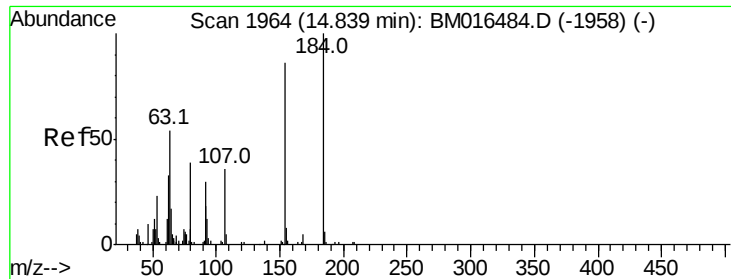


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





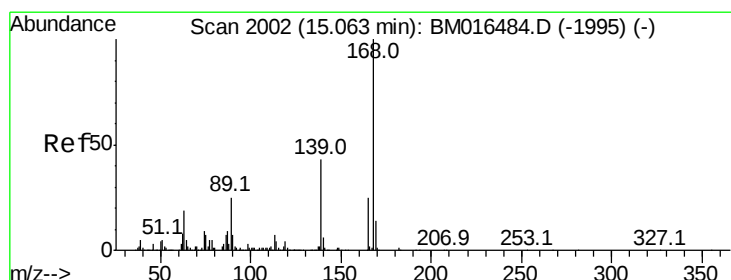
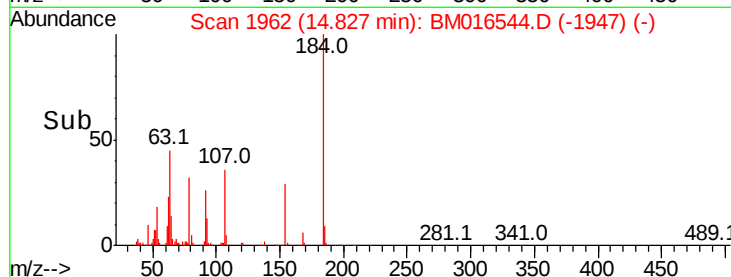
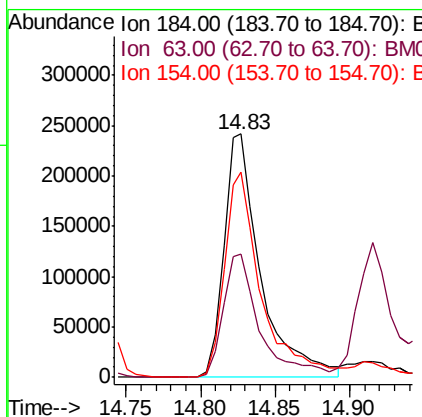
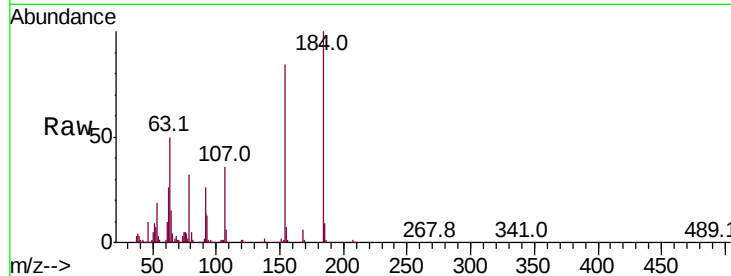
#53
2,4-Dinitrophenol
Concen: 39.212 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.5	69.2	103.8#
154	84.5	53.3	79.9#

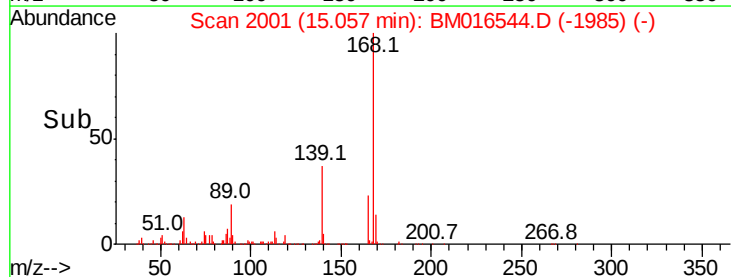
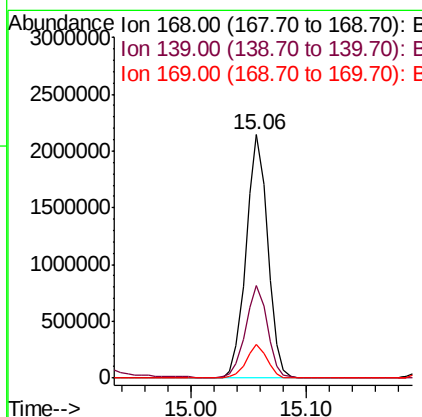
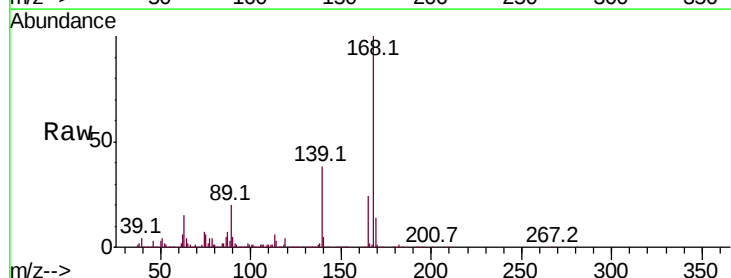
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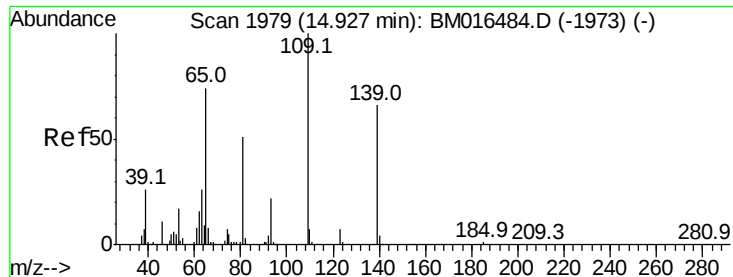
Sohil
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#54
Dibenzofuran
Concen: 20.769 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	27.3	40.9
169	13.9	10.6	16.0





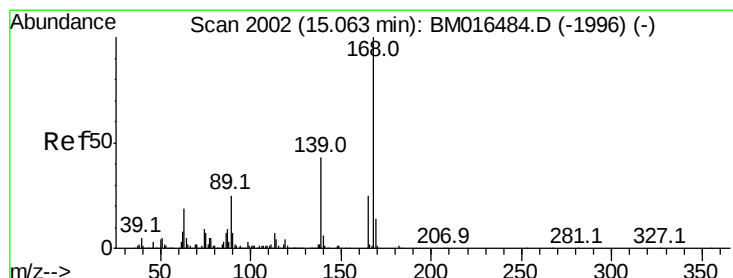
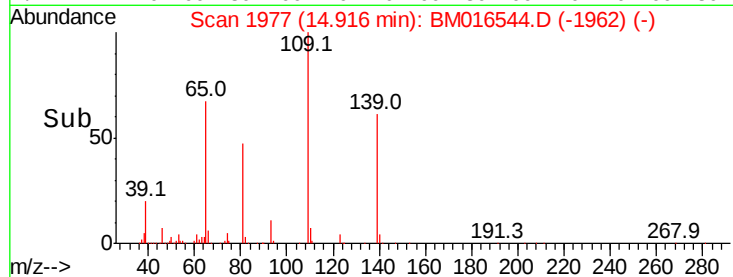
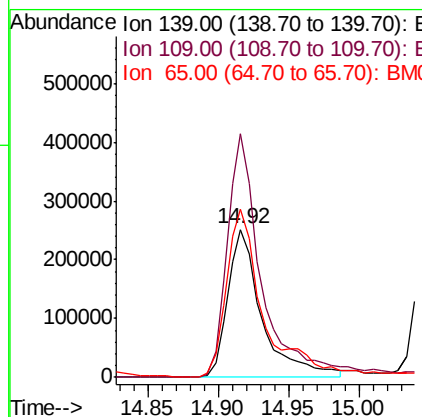
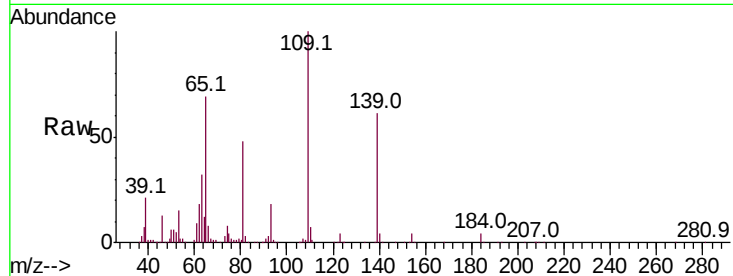
#55
4-Nitrophenol
Concen: 34.541 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampled :
PB112126BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	164.8	130.0	170.0
65	113.6	130.0	170.0

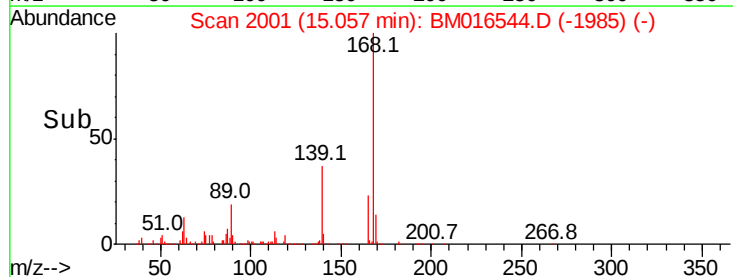
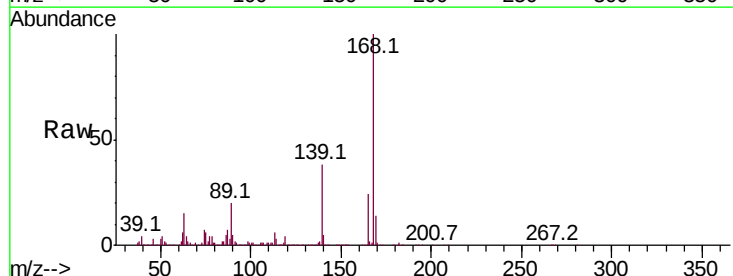
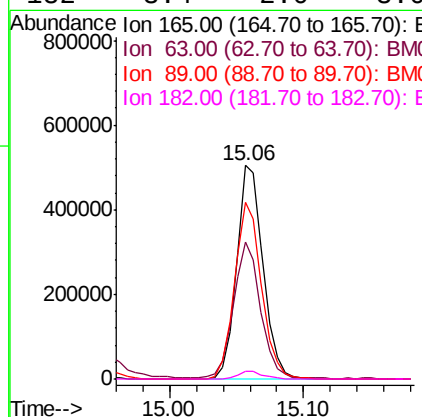
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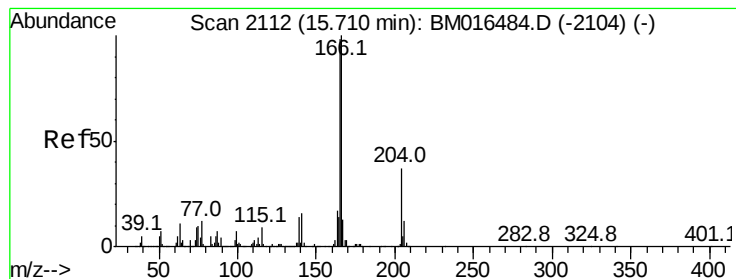
Sohil
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#56
2,4-Dinitrotoluene
Concen: 19.544 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.9	52.4	78.6
89	82.9	72.4	108.6
182	3.4	2.0	3.0





#57

Fluorene

Concen: 21.898 ng

RT: 15.70 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

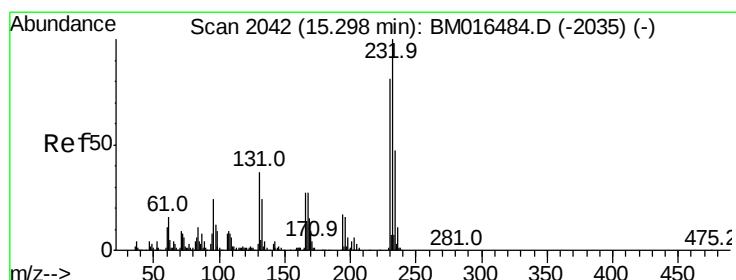
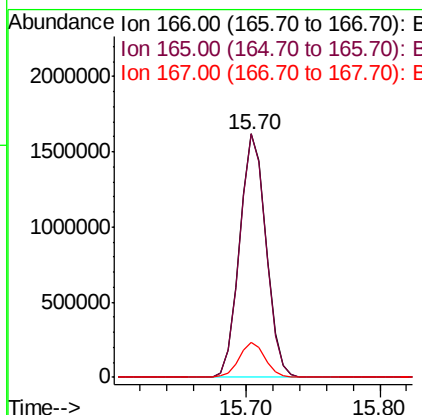
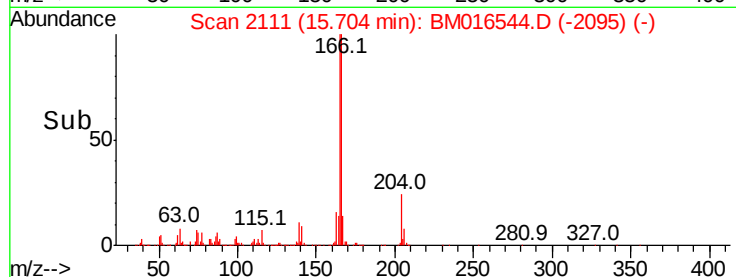
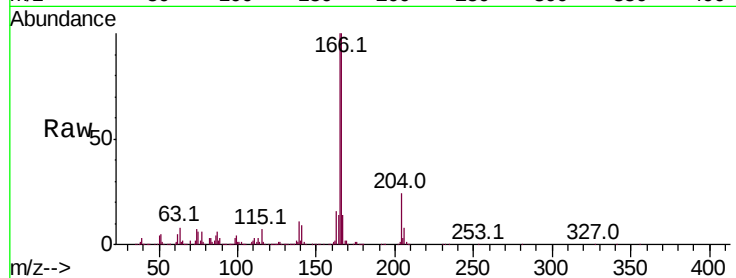
ClientSampleId :

PB112126BS

Tot Ion:	166	Resp:	2218341
Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.4
167	14.2	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 22.759 ng

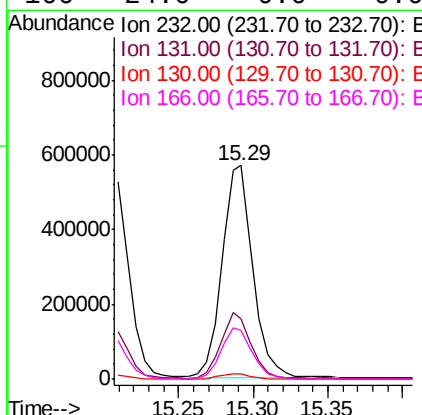
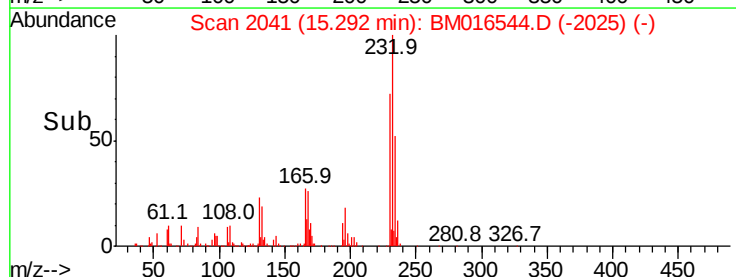
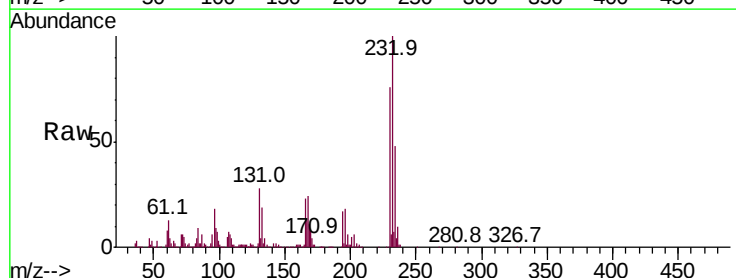
RT: 15.29 min Scan# 2041

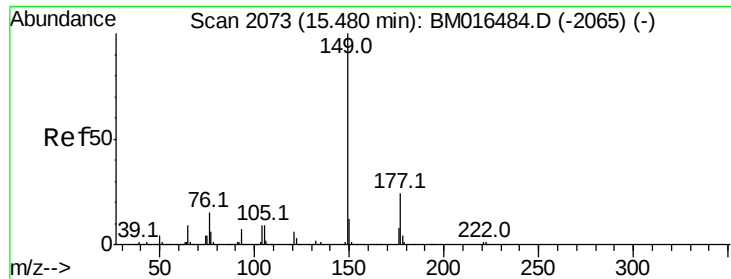
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:	232	Resp:	818262
Ion	Ratio	Lower	Upper
232	100		
131	30.8	0.0	0.0#
130	2.5	0.0	0.0#
166	24.0	0.0	0.0#





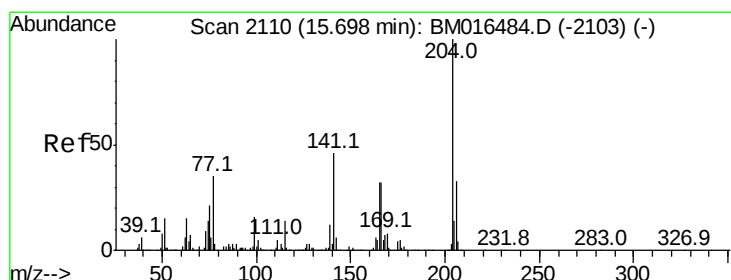
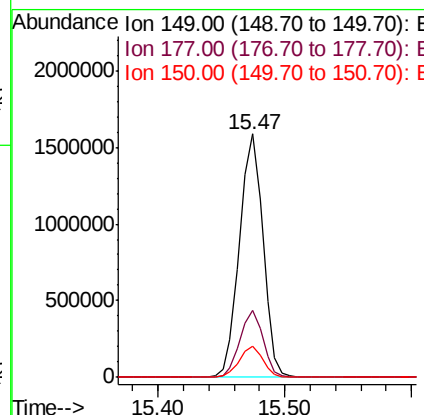
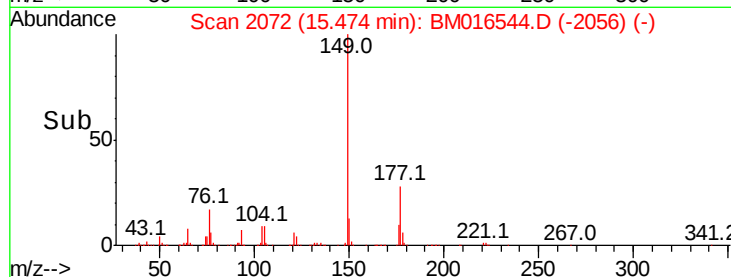
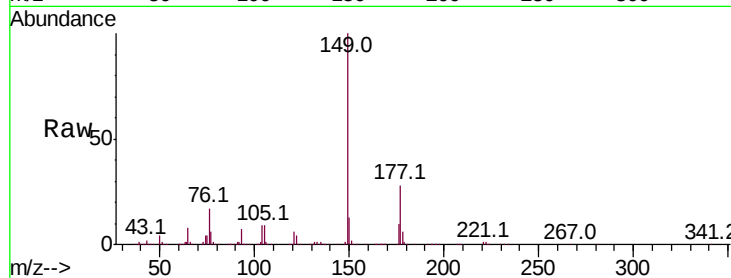
#59
Diethylphthalate
Concen: 17.856 ng
RT: 15.47 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.6	18.3	27.5#
150	12.6	9.8	14.8

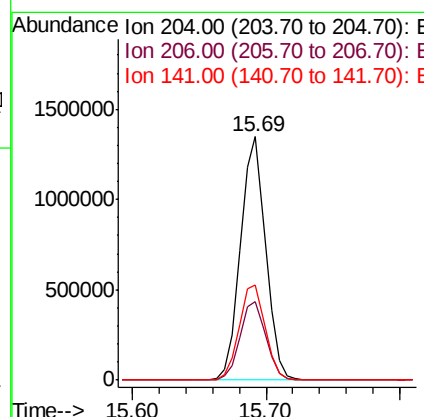
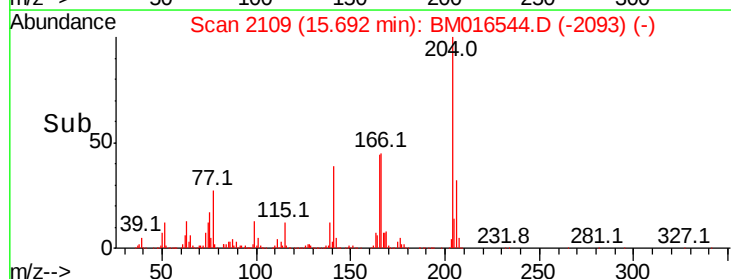
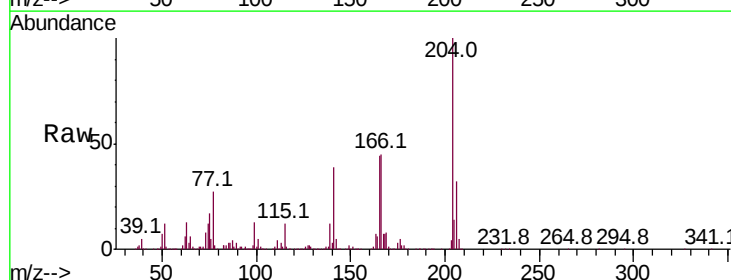
Manual Integrations
APPROVED

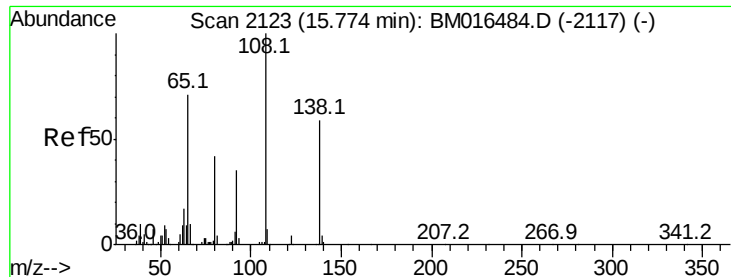
Sohil
8/23/2018 6:39:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 20.832 ng
RT: 15.69 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	39.2	45.2	67.8#





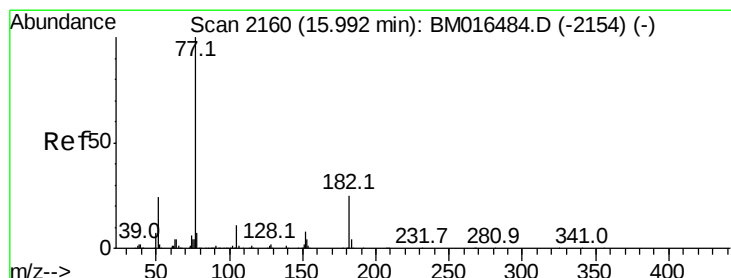
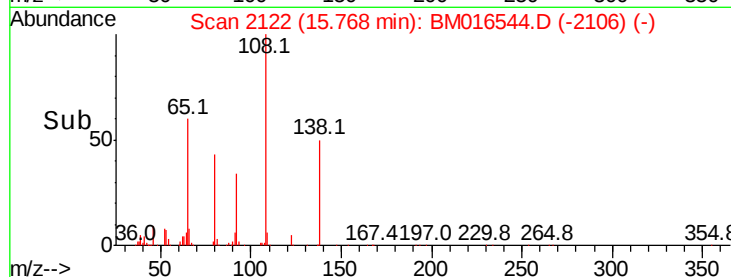
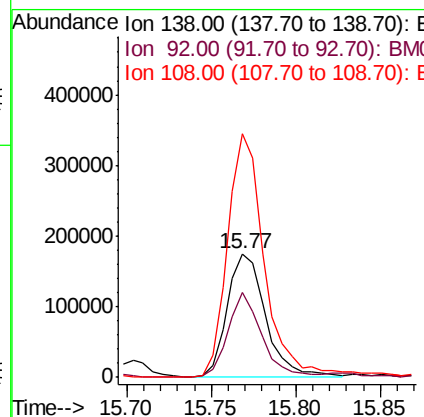
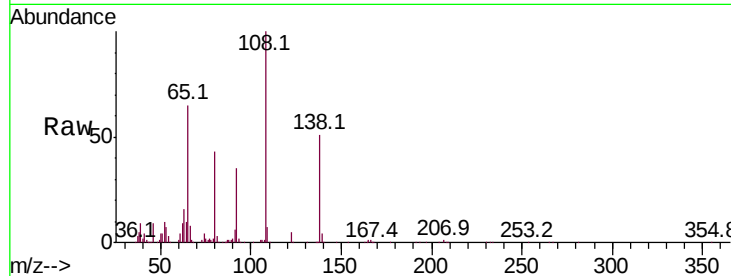
#61
4-Nitroaniline
Concen: 14.770 ng
RT: 15.77 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.3	16.7	56.7#
108	196.6	37.6	77.6#

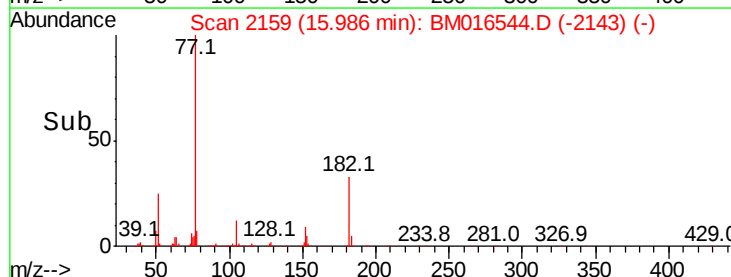
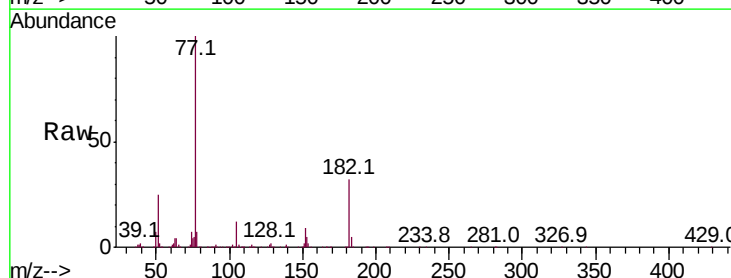
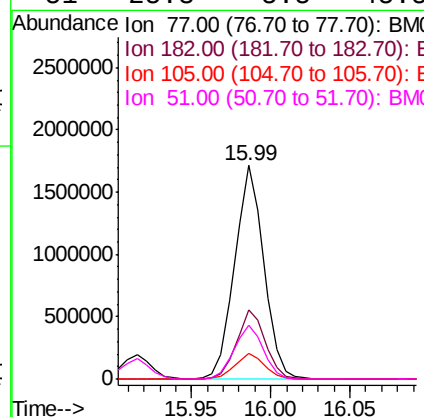
Manual Integrations
APPROVED

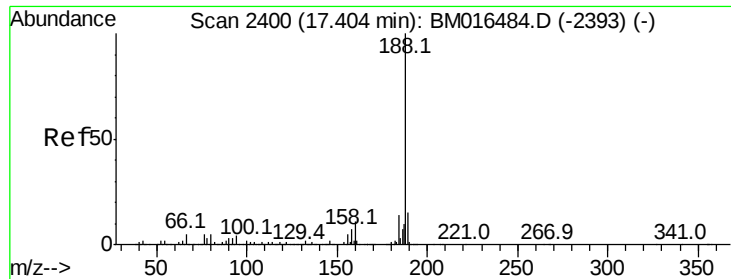
Sohil
8/23/2018 6:39:27 PM



#62
Azobenzene
Concen: 17.924 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.5	6.5	46.5
105	12.2	3.8	43.8
51	25.3	5.5	45.5





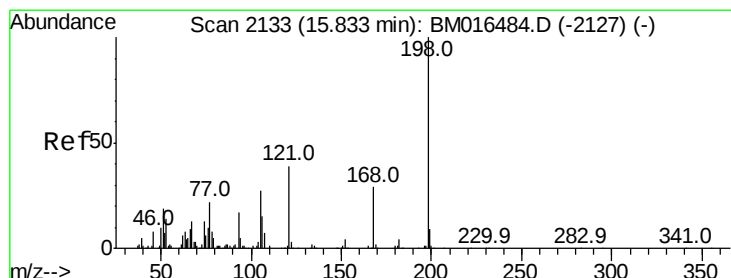
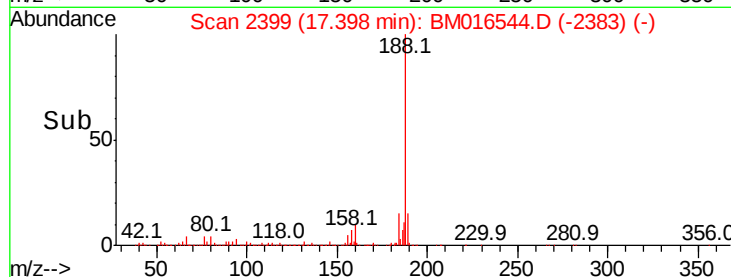
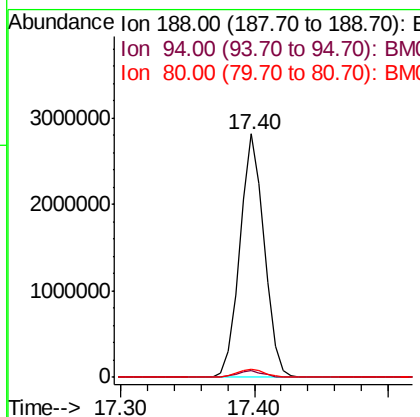
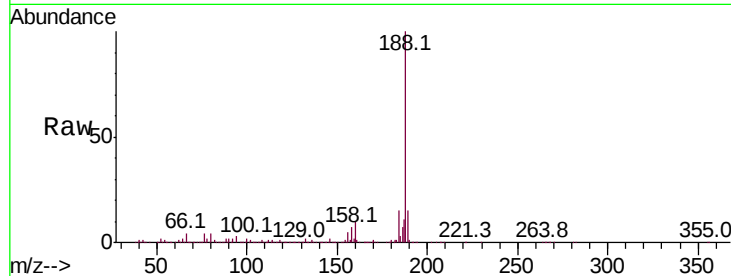
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	3.0	8.7	13.1#
80	3.5	9.3	13.9#

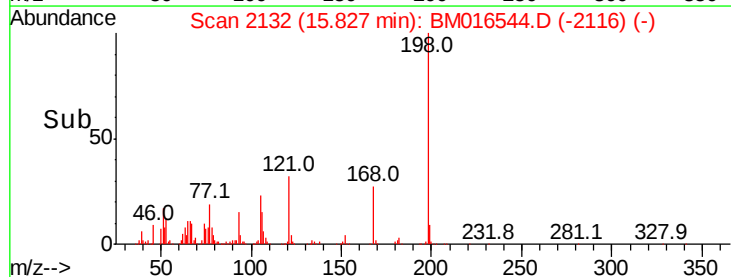
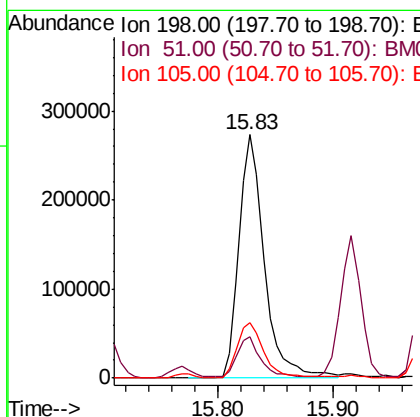
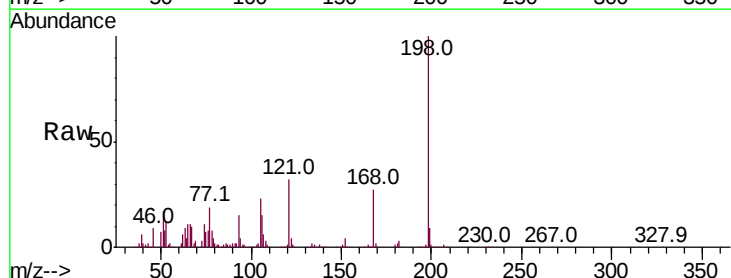
Manual Integrations
APPROVED

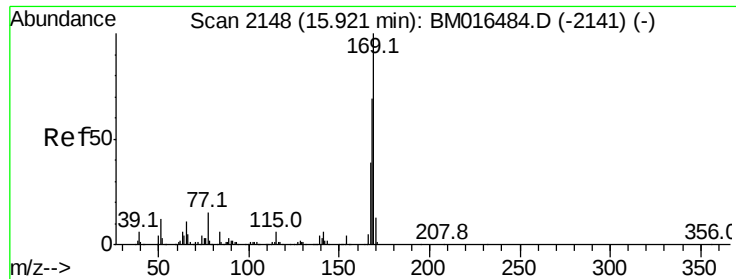
Sohil
8/23/2018 6:39:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 15.514 ng
RT: 15.83 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	16.9	28.8	68.8#
105	23.0	30.5	70.5#





#65

n-Nitrosodiphenylamine

Concen: 19.163 ng

RT: 15.92 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampleId :

PB112126BS

Tot Ion:169 Resp: 1910895

Ion Ratio Lower Upper

169 100

168 68.7 53.9 80.9

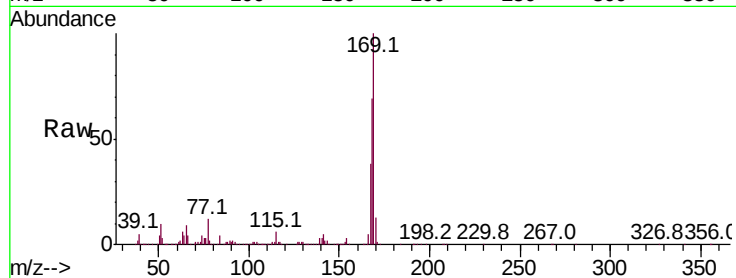
167 38.1 28.9 43.3

Manual Integrations

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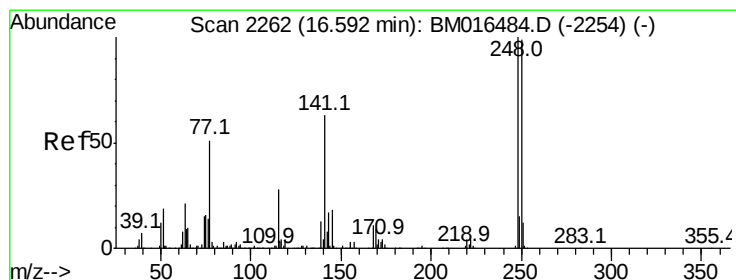
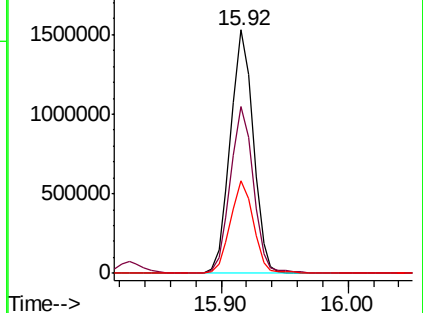
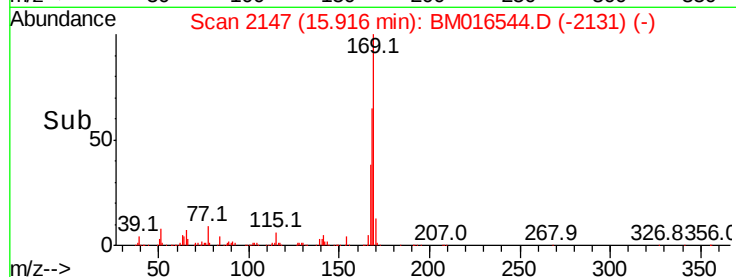
8/23/2018 6:39:27 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.172 ng

RT: 16.58 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

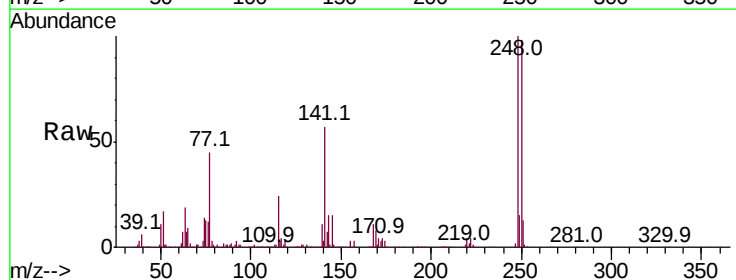
Tgt Ion:248 Resp: 1098628

Ion Ratio Lower Upper

248 100

250 97.6 77.4 116.0

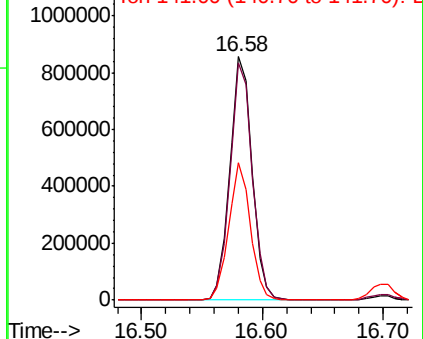
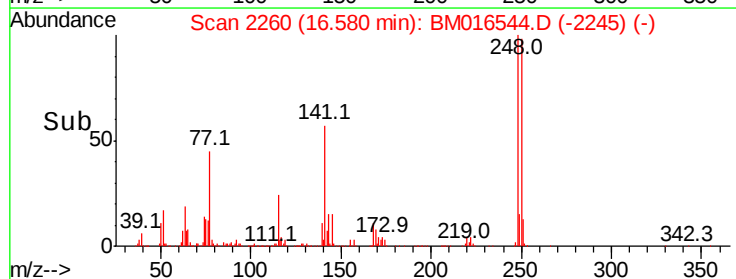
141 56.7 45.2 67.8

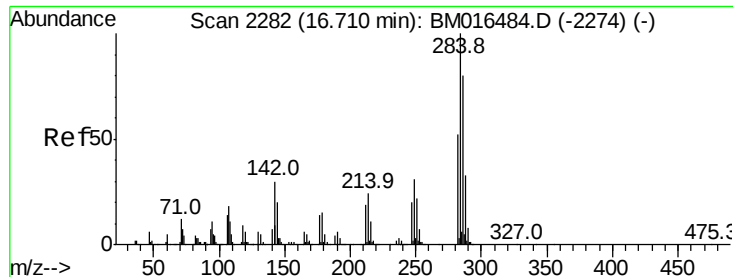


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 19.556 ng

RT: 16.70 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

ClientSampleId :

PB112126BS

Tot Ion:284 Resp: 1242126

Ion Ratio Lower Upper

284 100

142 24.8 20.4 30.6

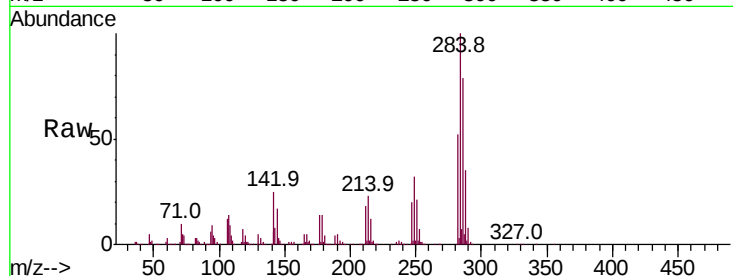
249 32.4 23.8 35.6

Manual Integrations

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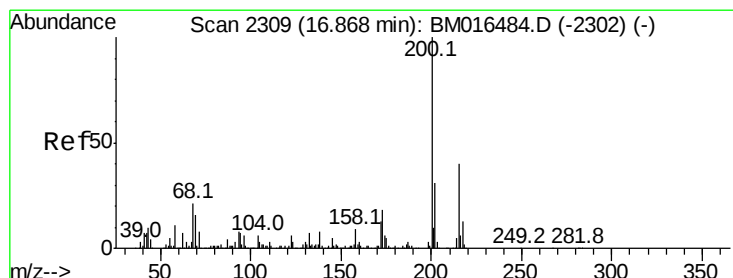
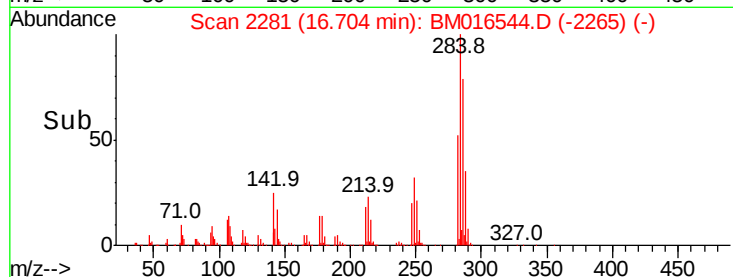
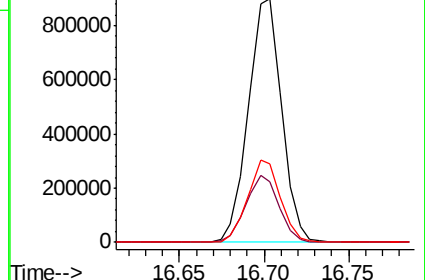
8/23/2018 6:39:27 PM



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: 22.730 ng

RT: 16.86 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

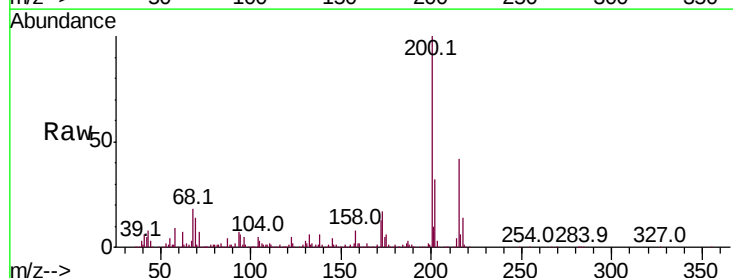
Tgt Ion:200 Resp: 1034382

Ion Ratio Lower Upper

200 100

173 16.9 4.8 44.8

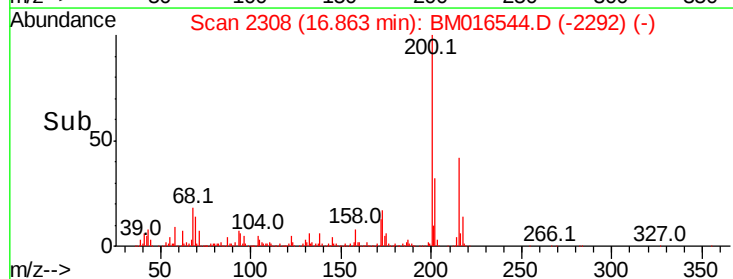
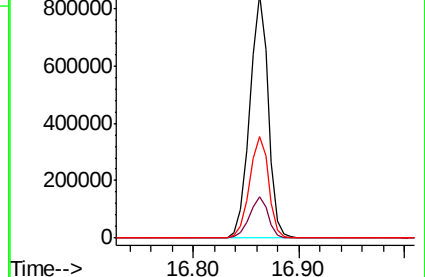
215 41.6 26.9 66.9

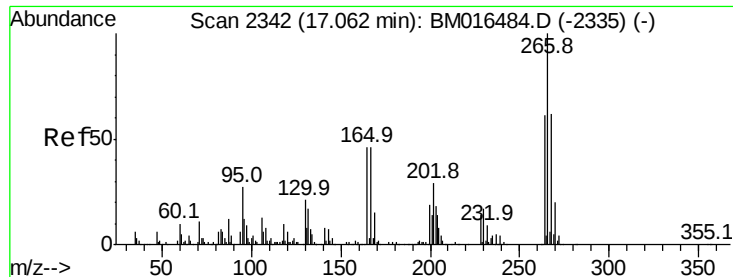


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





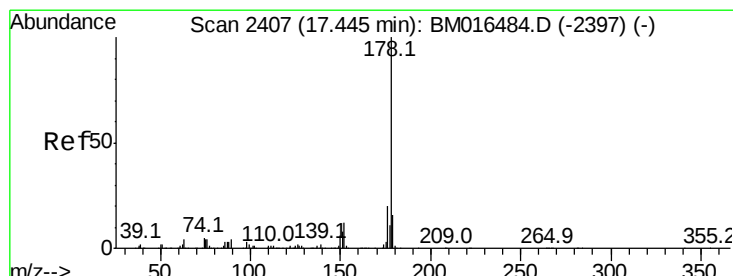
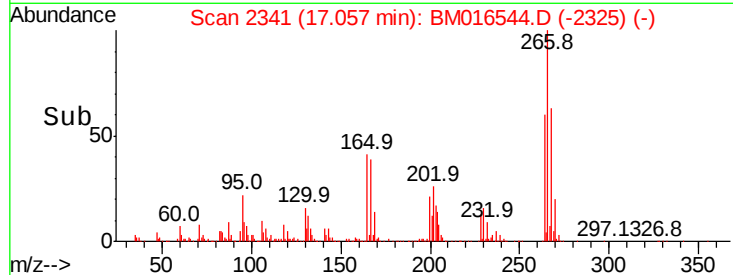
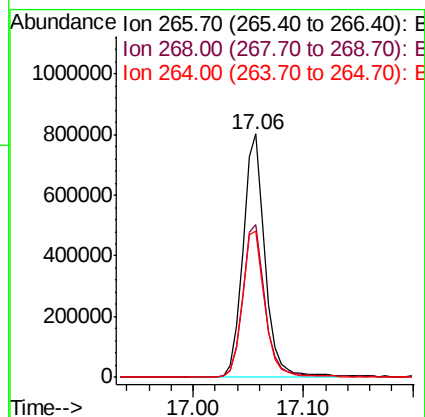
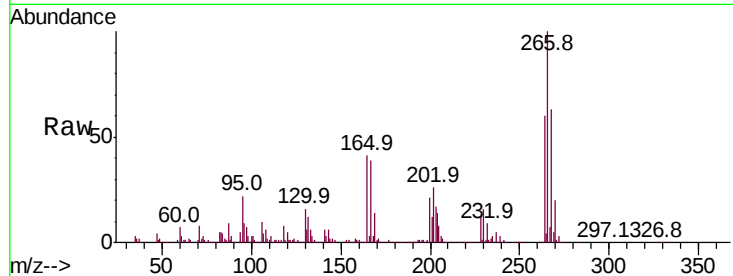
#69
 Pentachlorophenol
 Concen: 33.283 ng
 RT: 17.06 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampled :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.0	78.0
264	60.1	49.0	73.4

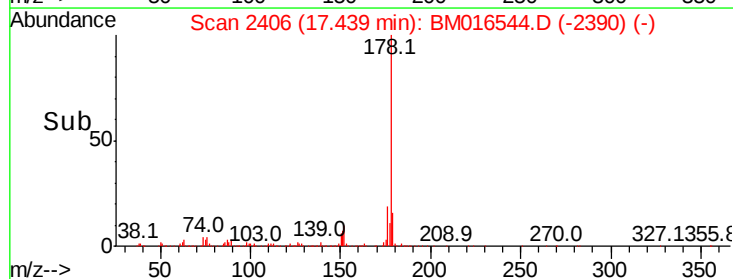
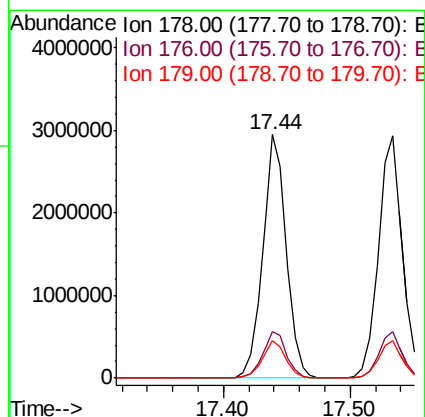
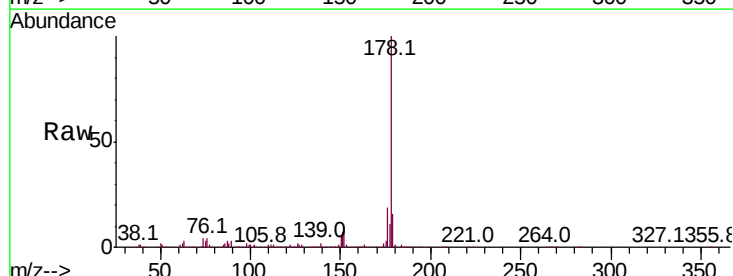
Manual Integrations
 APPROVED

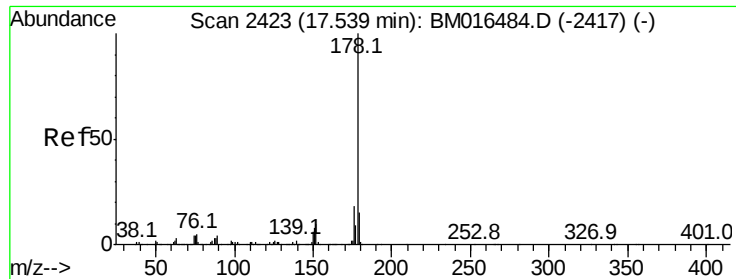
Sohil
 8/23/2018 6:39:27 PM



#70
 Phenanthrene
 Concen: 20.706 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.1	18.1





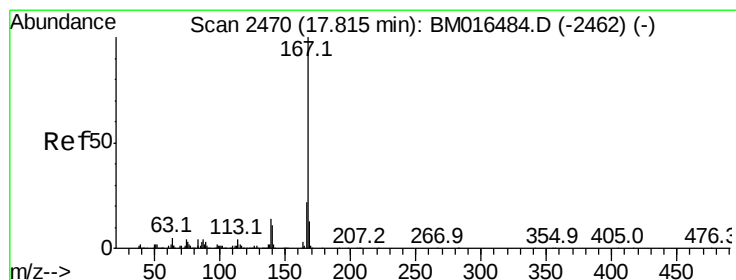
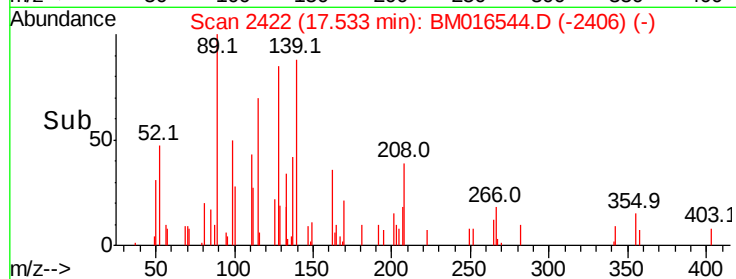
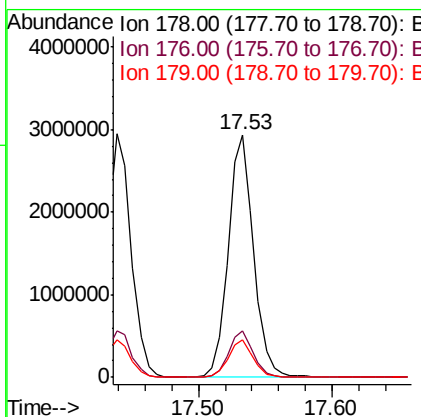
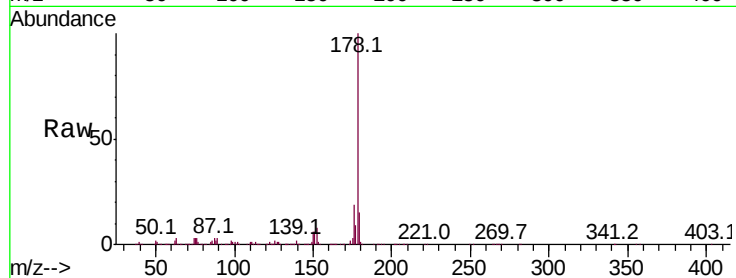
#71
 Anthracene
 Concen: 21.254 ng
 RT: 17.53 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.5	12.6	19.0

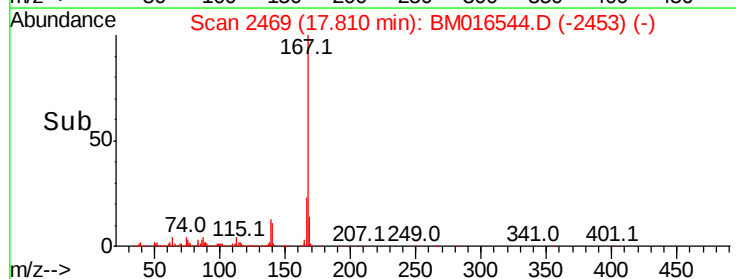
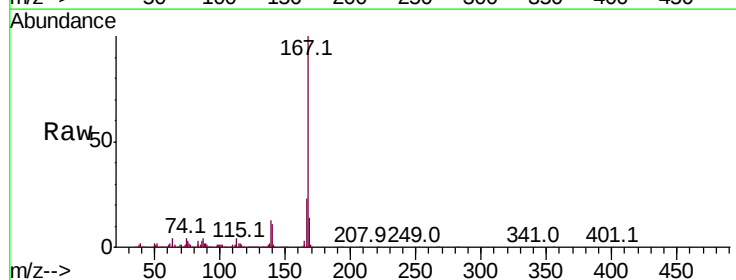
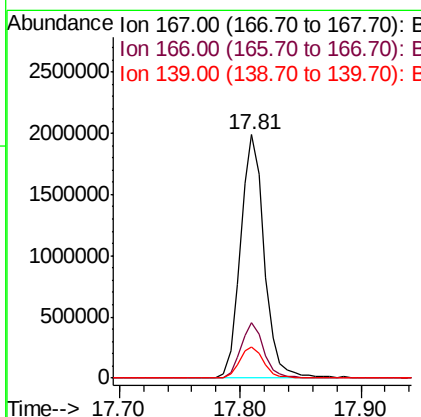
Manual Integrations
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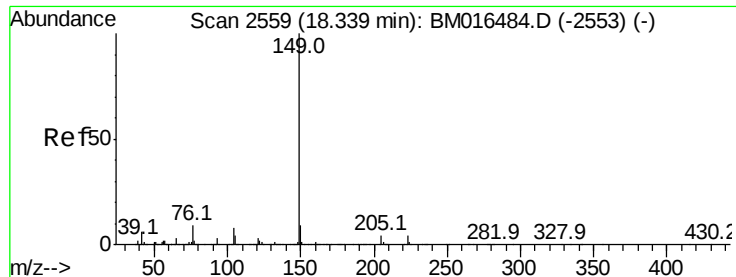
Sohil
 8/23/2018 6:39:27 PM



#72
 Carbazole
 Concen: 16.711 ng
 RT: 17.81 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	12.6	10.8	16.2





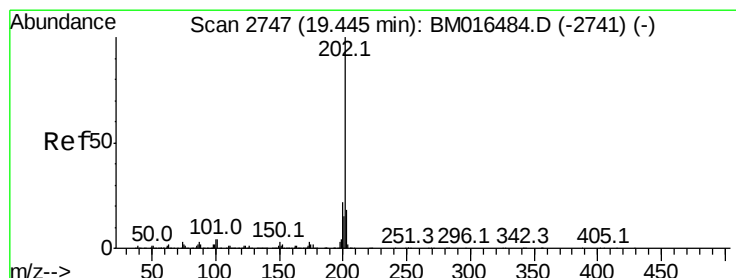
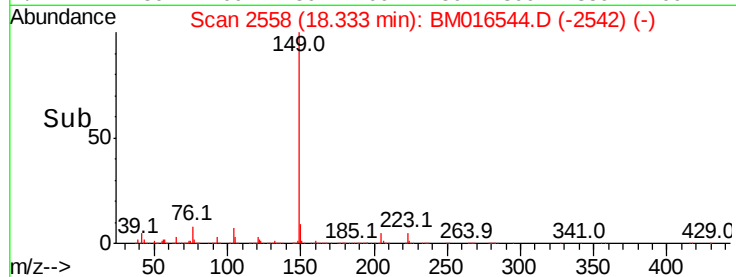
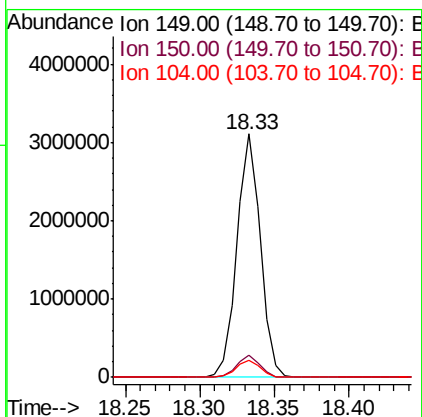
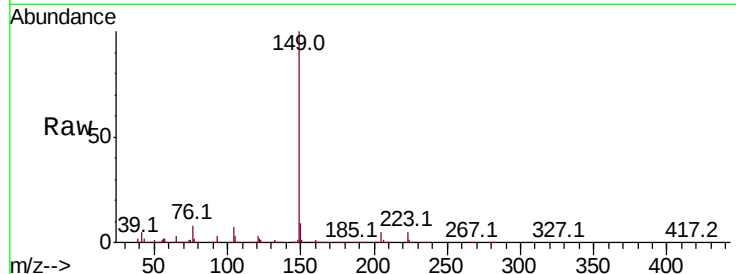
#73
Di-n-butylphthalate
Concen: 17.054 ng
RT: 18.33 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	7.2	3.7	5.5

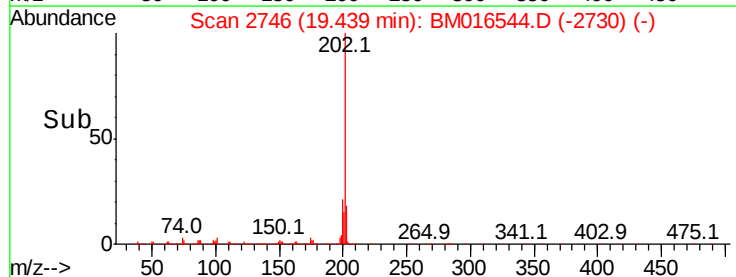
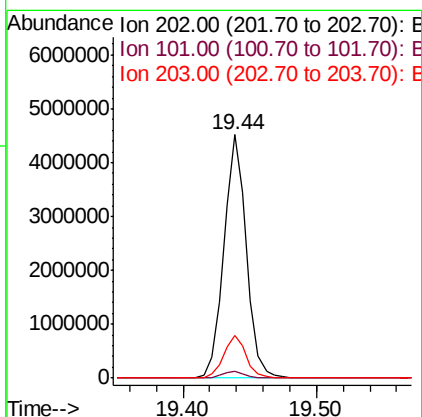
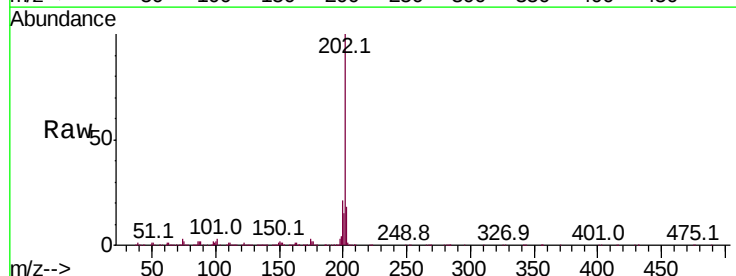
Manual Integrations
APPROVED

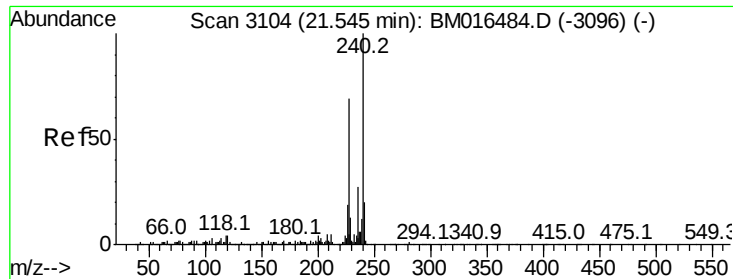
Sohil
8/23/2018 6:39:27 PM



#74
Fluoranthene
Concen: 19.966 ng
RT: 19.44 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	28.7
203	17.6	0.0	37.2





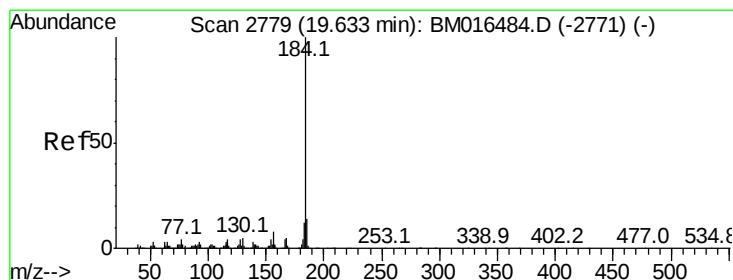
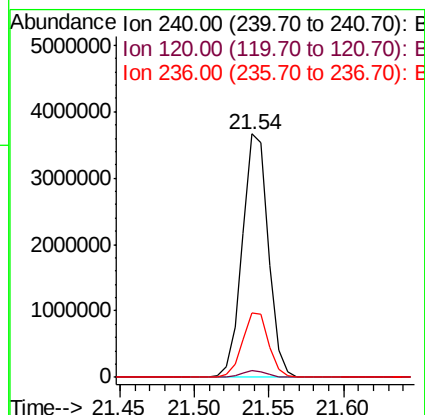
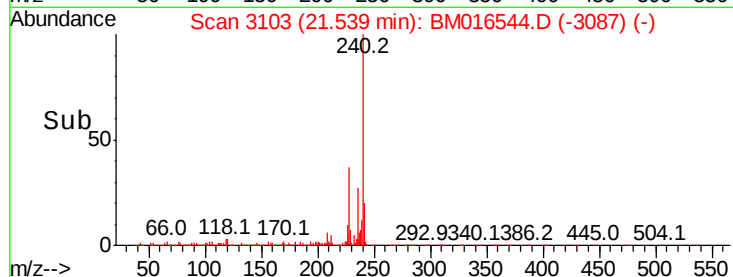
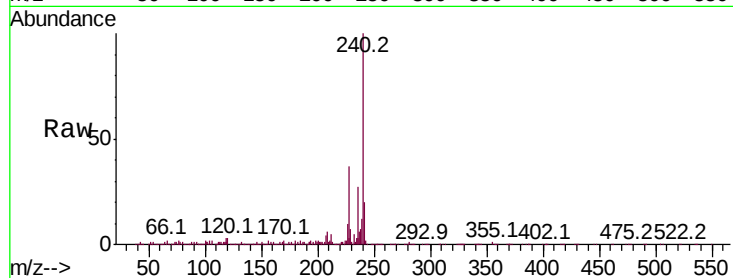
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.8	8.2	12.2#
236	26.7	20.0	30.0

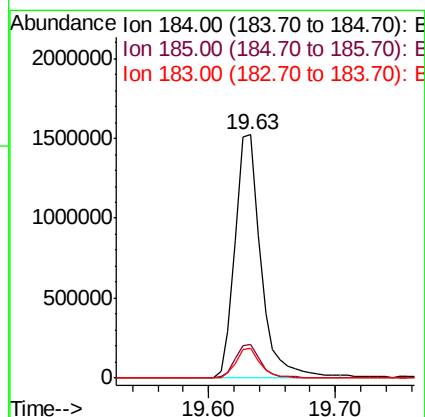
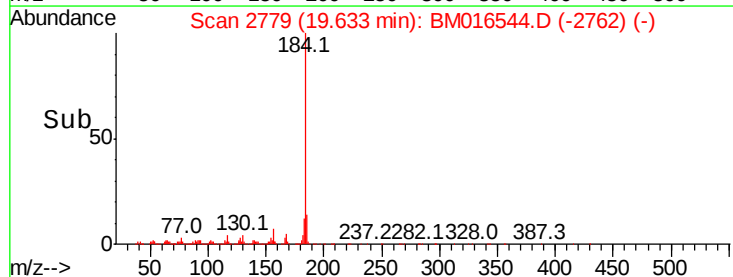
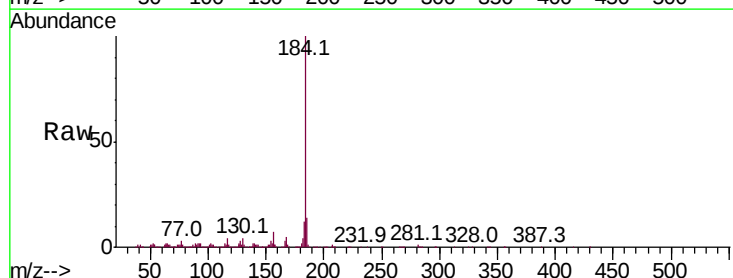
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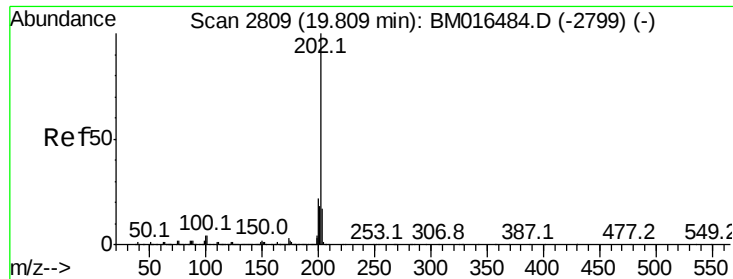
Sohil
 8/23/2018 6:39:27 PM



#76
 Benzidine
 Concen: 25.431 ng
 RT: 19.63 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	12.2	8.9	13.3





#77

Pvrene

Concen: 22.577 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

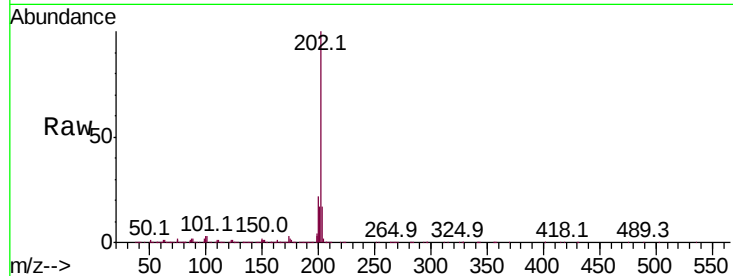
ClientSampleId :

PB112126BS

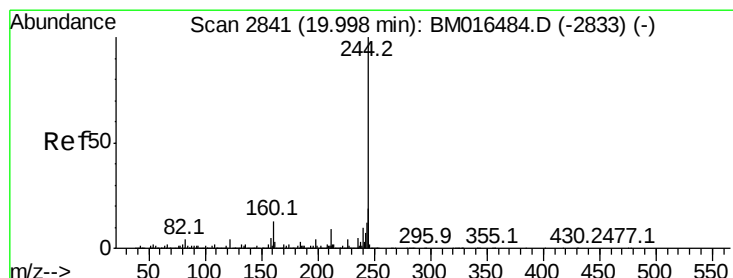
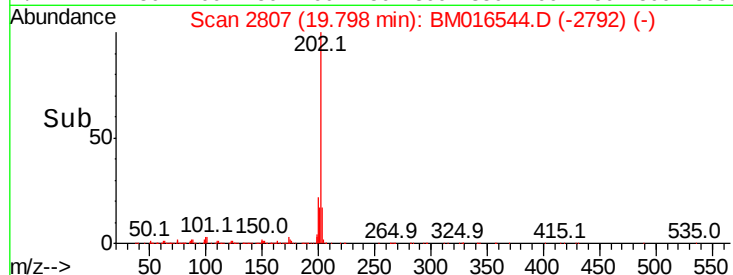
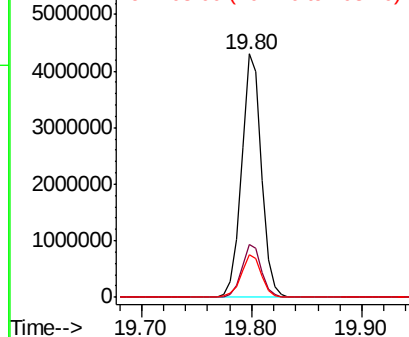
Tot Ion:	202	Resp:	5410026
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.9	25.3
203	17.3	14.1	21.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 50.459 ng

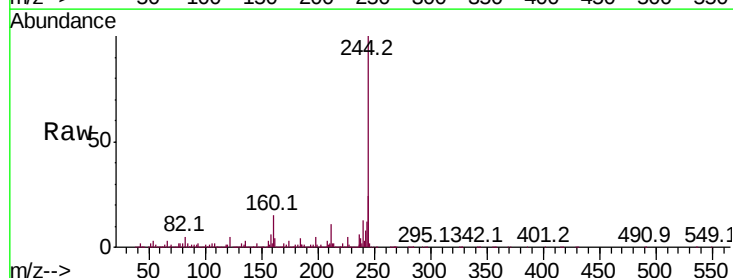
RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

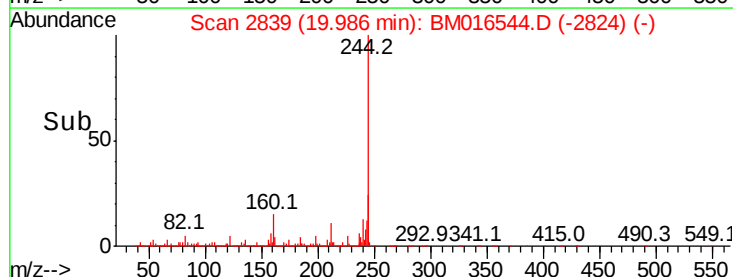
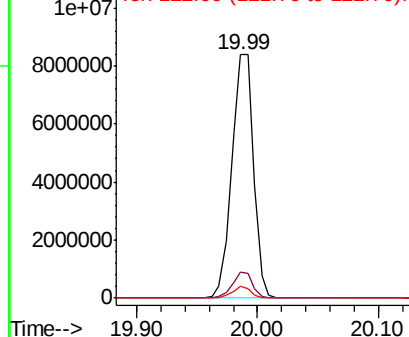
Lab File: BM016544.D

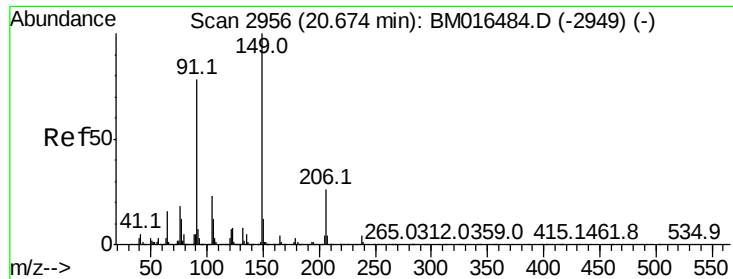
Acq: 23 Aug 2018 07:51

Tgt Ion:	244	Resp:	10511528
Ion Ratio	Lower	Upper	
244	100		
212	10.9	4.9	7.3#
122	4.8	6.2	9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





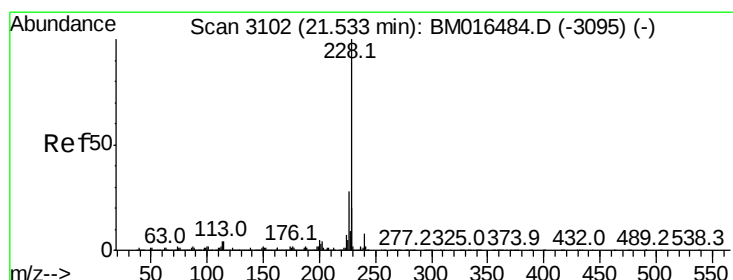
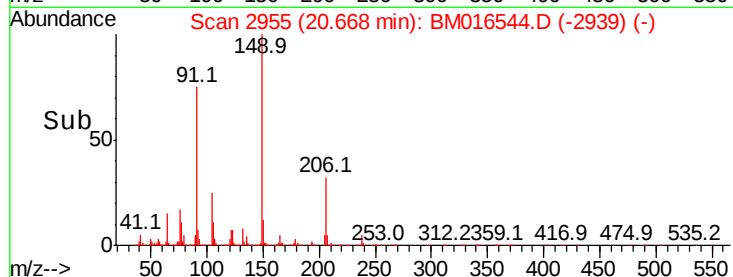
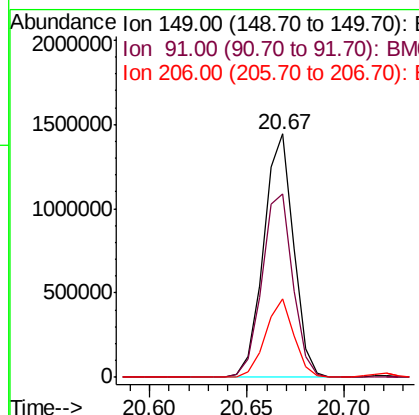
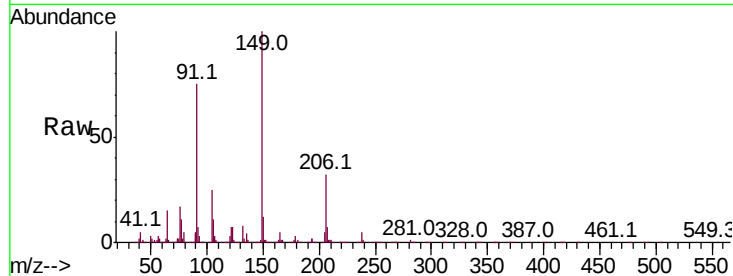
#79
Butylbenzylphthalate
Concen: 18.488 ng
RT: 20.67 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.2	50.1	75.1#
206	32.1	16.2	24.2#

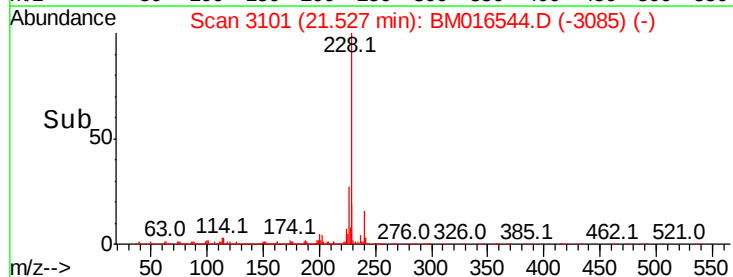
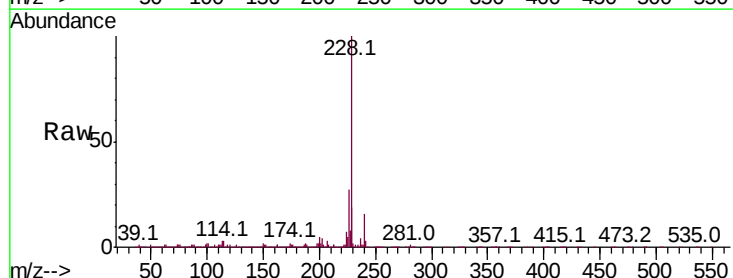
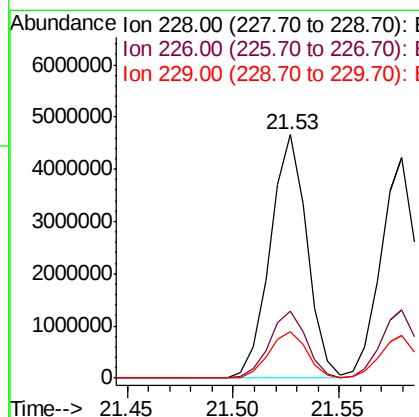
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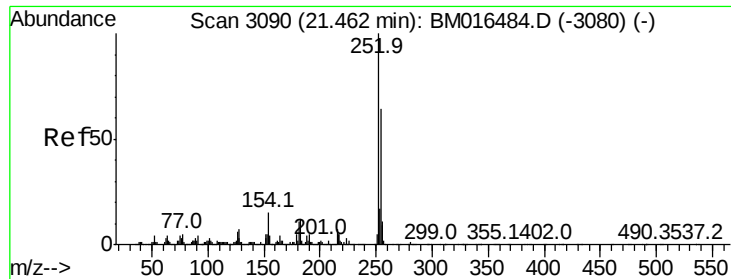
Sohil
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#80
Benzo(a)anthracene
Concen: 21.839 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.3	16.0	24.0





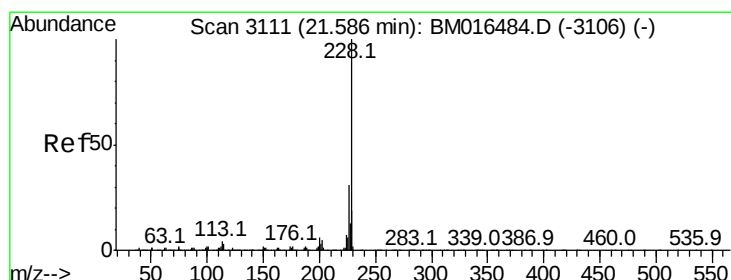
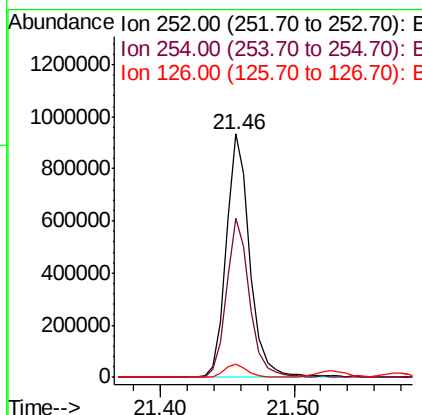
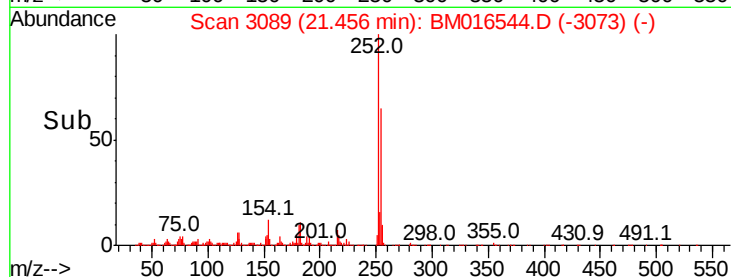
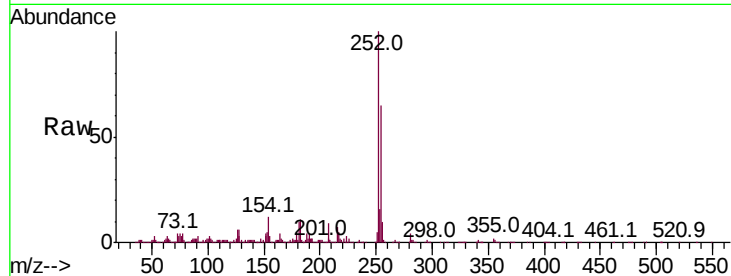
#81
 3,3'-Dichlorobenzidine
 Concen: 9.976 ng
 RT: 21.46 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	5.5	9.8	14.8

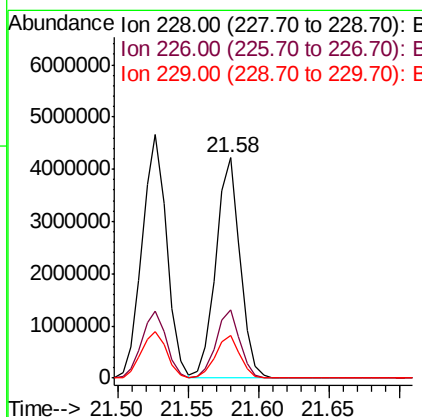
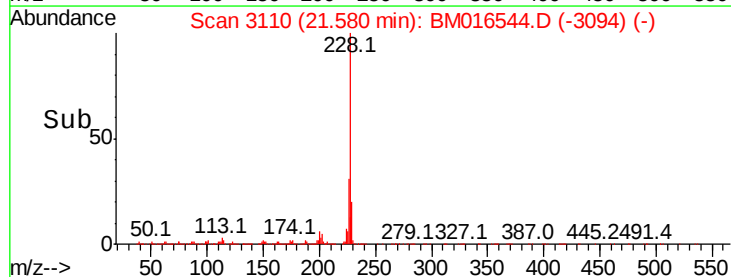
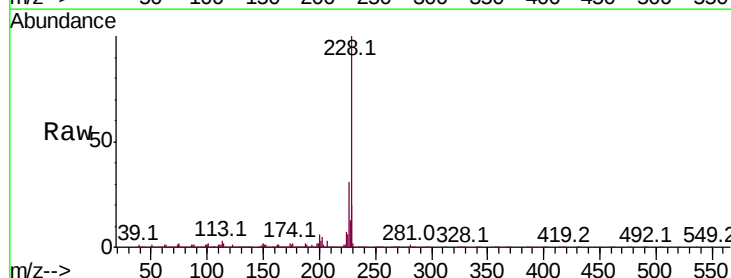
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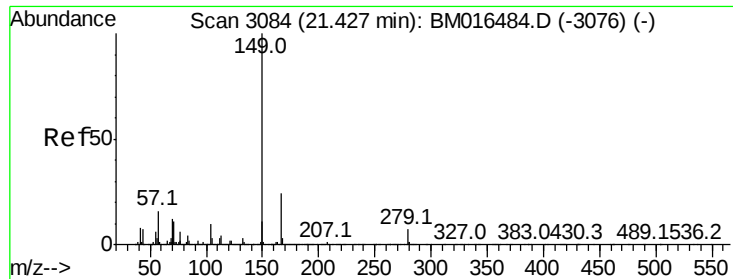
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#82
 Chrysene
 Concen: 20.201 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	19.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.895 ng

RT: 21.42 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Instrument :

BNA_M

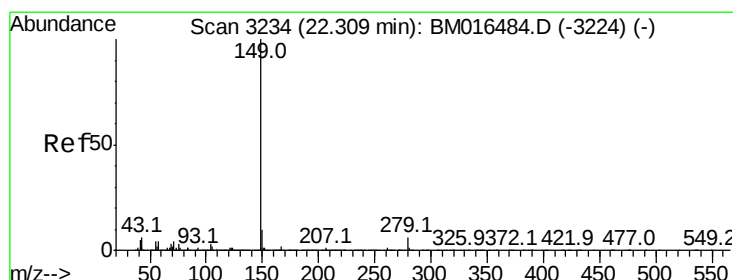
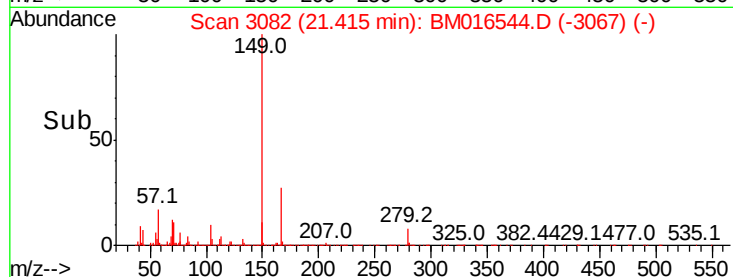
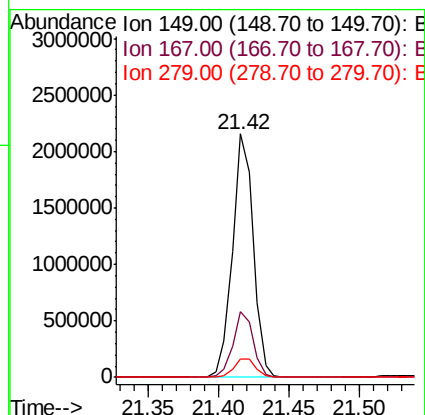
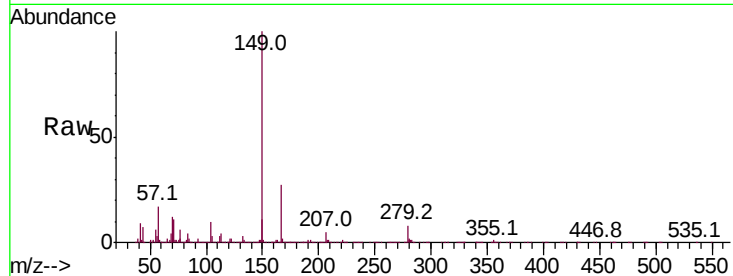
ClientSampleId :

PB112126BS

Tot Ion:	149	Resp:	2200374
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.4	33.6
279	7.7	3.4	5.0#

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#84

Di-n-octyl phthalate

Concen: 17.546 ng

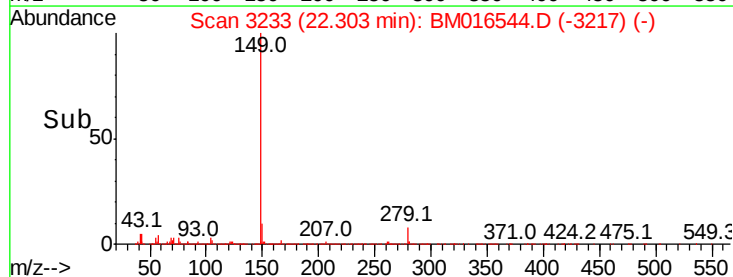
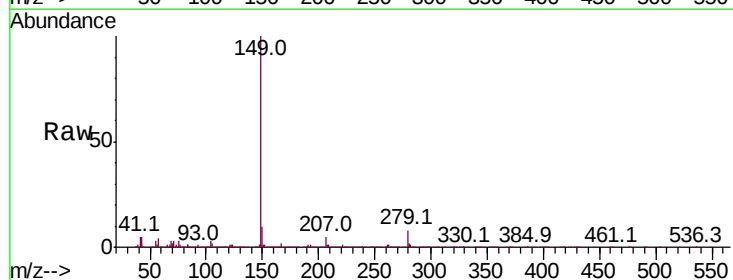
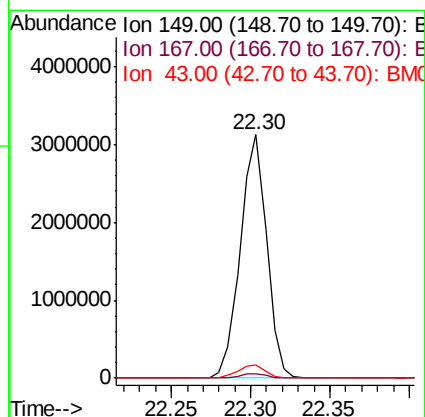
RT: 22.30 min Scan# 3233

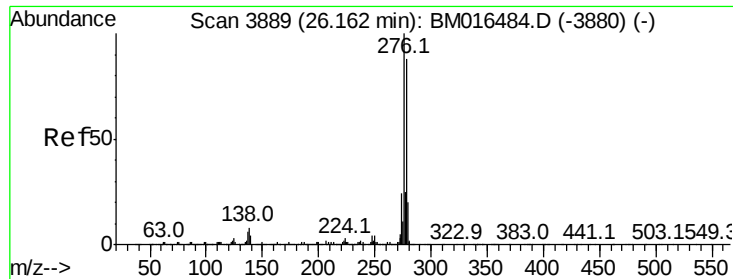
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion:	149	Resp:	3585210
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.2	1.8#
43	5.6	7.3	10.9#





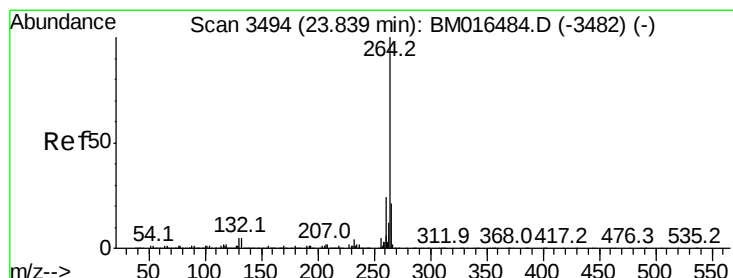
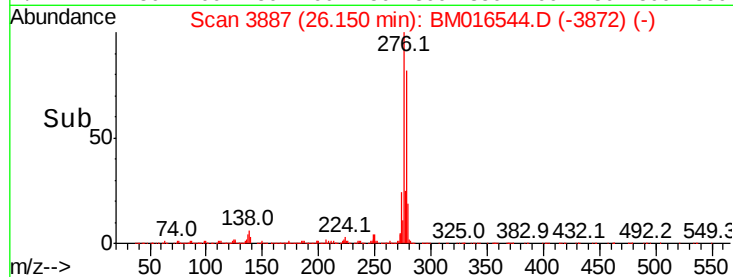
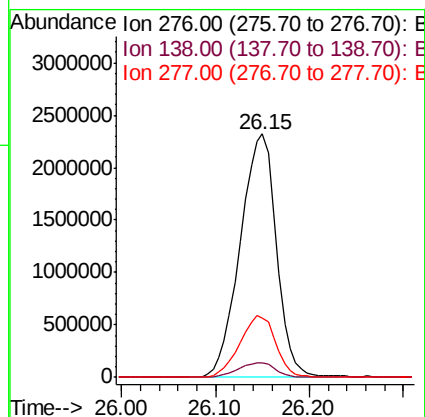
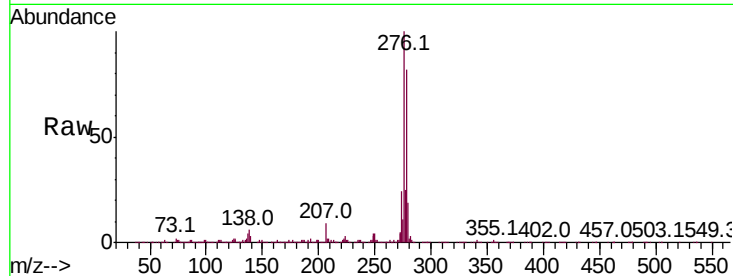
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.462 ng
RT: 26.15 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.2	12.0	18.0#
277	25.1	20.0	30.0

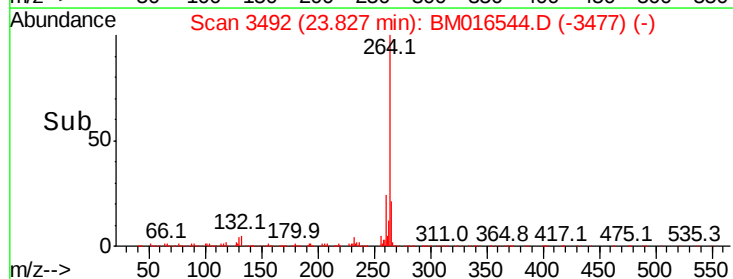
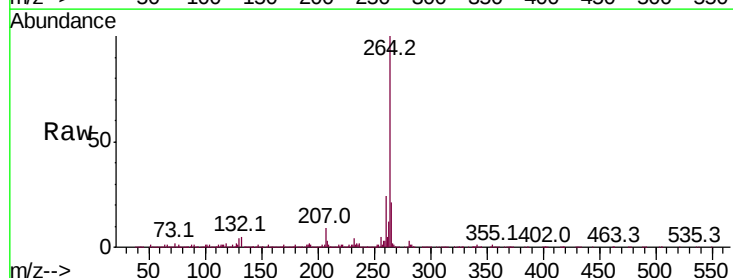
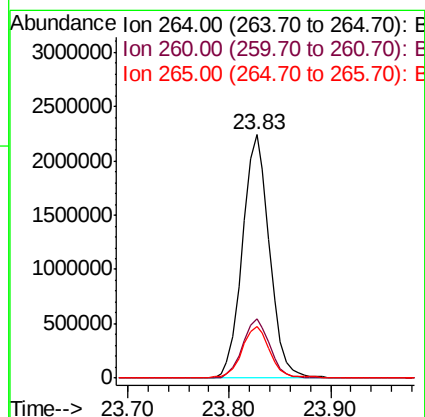
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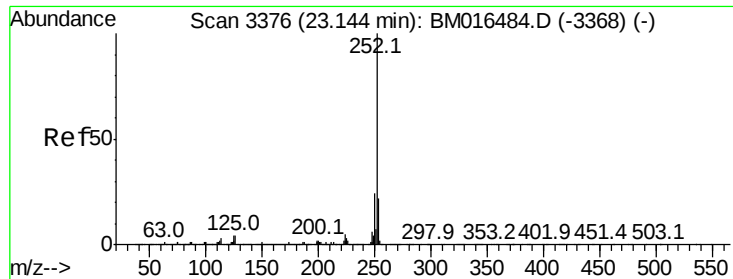
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 22.780 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

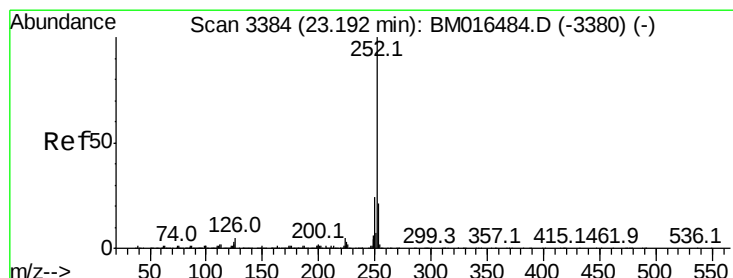
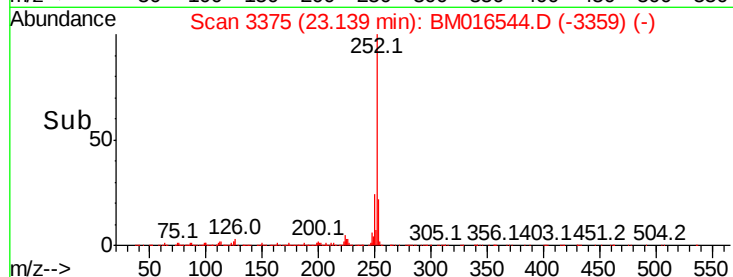
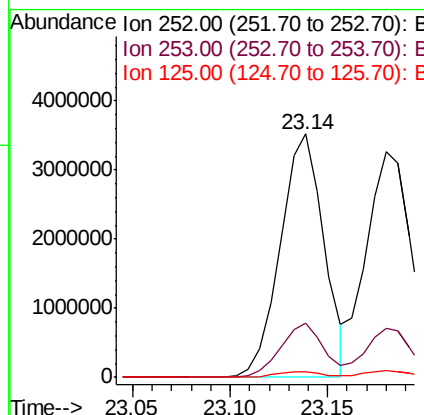
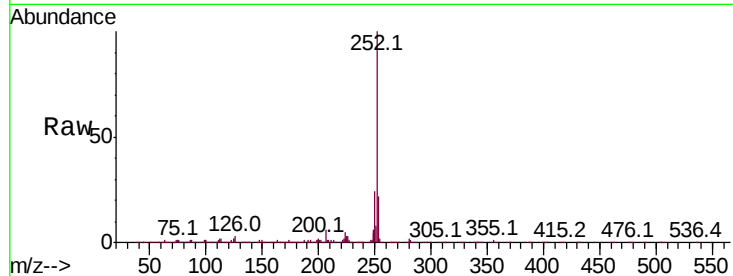
Instrument :
BNA_M

ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	2.5	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 22.118 ng

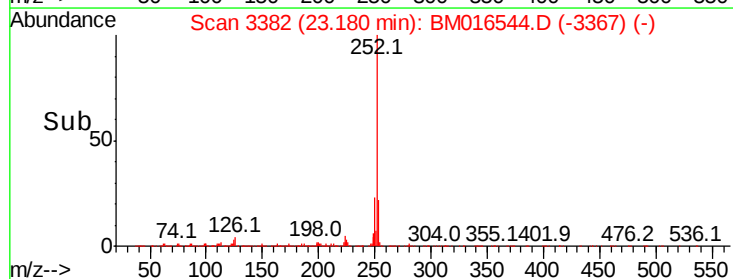
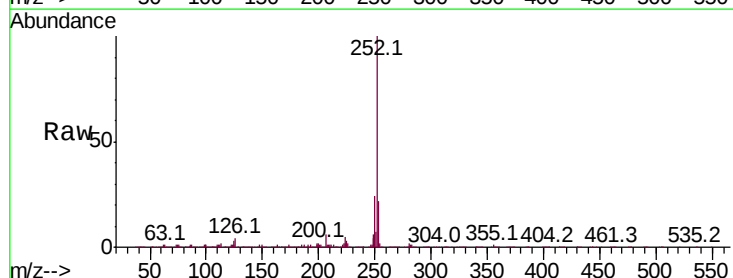
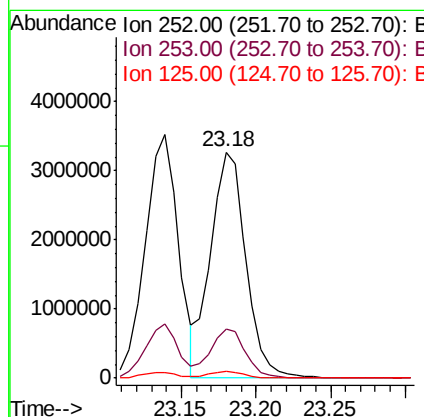
RT: 23.18 min Scan# 3382

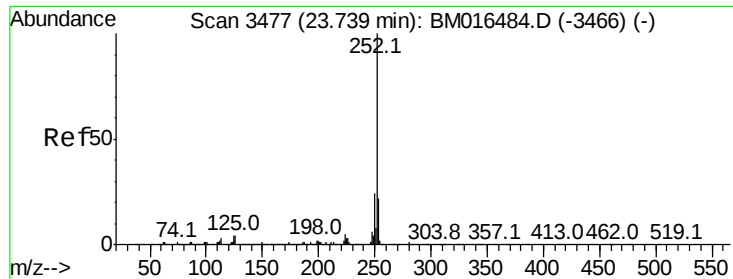
Delta R.T. -0.01 min

Lab File: BM016544.D

Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	2.8	8.1	12.1#





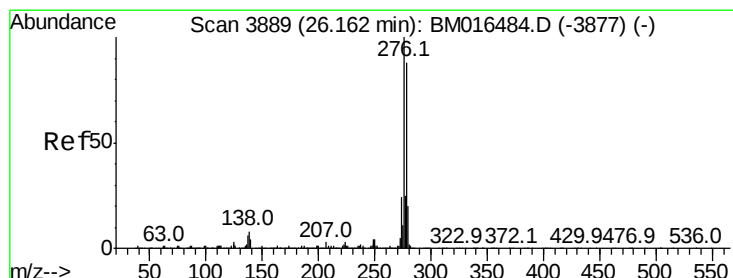
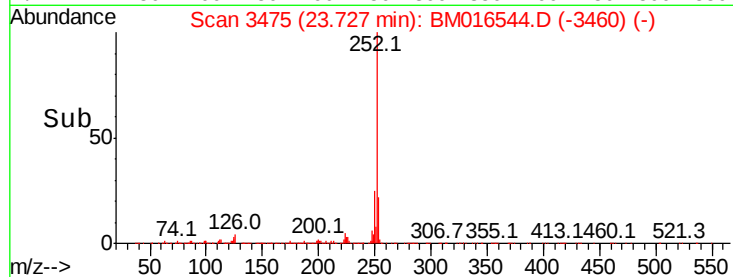
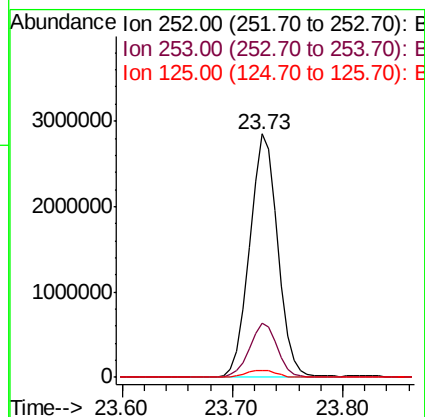
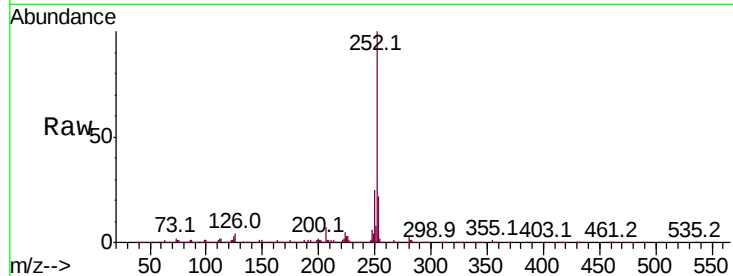
#89
Benzo(a)pyrene
Concen: 21.924 ng
RT: 23.73 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	2.9	7.4	11.2

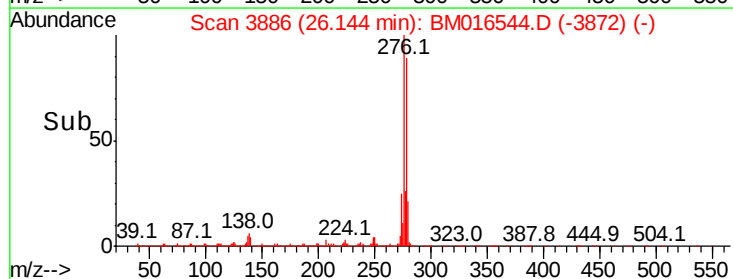
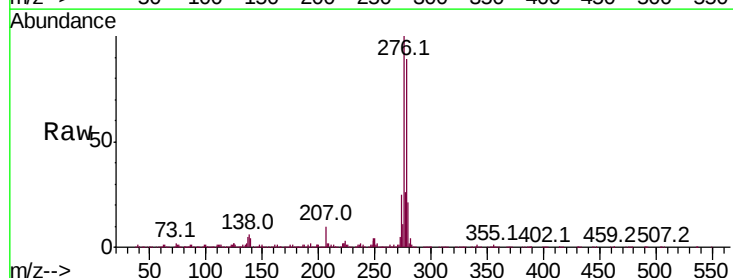
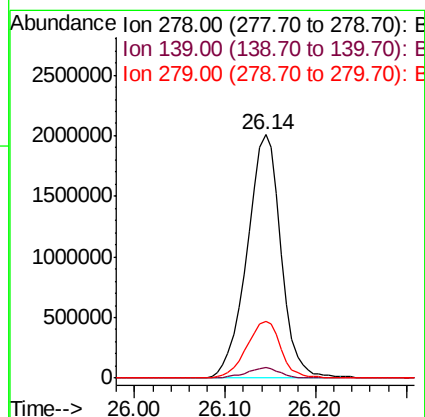
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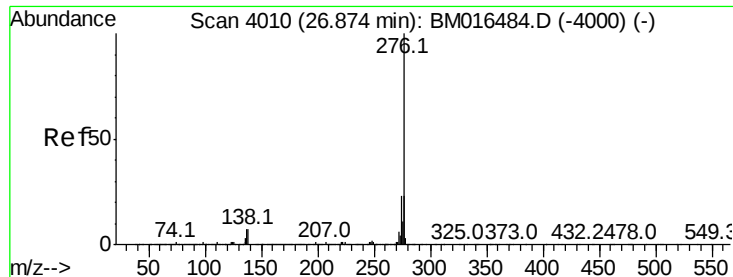
Sohil
8/23/2018 6:39:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 20.003 ng
RT: 26.14 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM016544.D
Acq: 23 Aug 2018 07:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	4.4	13.4	20.0
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 20.001 ng
 RT: 26.86 min Scan# 4008
 Delta R.T. -0.01 min
 Lab File: BM016544.D
 Acq: 23 Aug 2018 07:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	5.2	19.0	28.6

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