

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016538.D
 Acq On : 23 Aug 2018 03:00
 Operator : SJ/JU
 Sample : PB112247BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Manual Integrations
 APPROVED

Sohil
 8/23/2018 6:39:24 PM

Quant Time: Aug 23 04:23:03 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	319048	40.00	ng	-0.01
21) Naphthalene-d8	10.82	136	1207331	40.00	ng	0.00
38) Acenaphthene-d10	14.66	164	1009908	40.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	3236379	40.00	ng	0.00
75) Chrysene-d12	21.54	240	4080457	40.00	ng	0.00
86) Perylene-d12	23.83	264	3842750	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1122752	137.92	ng	0.00
7) Phenol-d6	7.20	99	1379093	128.02	ng	0.00
23) Nitrobenzene-d5	9.20	82	1223638	92.55	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	2267337	160.63	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	5146960	97.98	ng	0.00
78) Terphenyl-d14	19.99	244	10276226	106.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	142918	31.778	ng	# 100
3) Pyridine	3.80	79	283289	30.275	ng	# 80
4) n-Nitrosodimethylamine	3.73	42	182737	43.837	ng	# 69
6) Aniline	7.35	93	322158	26.725	ng	# 91
8) 2-Chlorophenol	7.58	128	397072	40.991	ng	# 95
9) Benzaldehyde	7.16	77	255616	34.192	ng	# 76
10) Phenol	7.22	94	422916	39.698	ng	# 89
11) bis(2-Chloroethyl)ether	7.45	93	275409	34.475	ng	# 100
12) 1,3-Dichlorobenzene	7.90	146	465292	36.229	ng	# 84
13) 1,4-Dichlorobenzene	8.05	146	482383	36.599	ng	# 96
14) 1,2-Dichlorobenzene	8.36	146	482854	37.290	ng	# 95
15) Benzyl Alcohol	8.27	79	362745	36.261	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.53	45	188400	34.250	ng	# 44
17) 2-Methylphenol	8.47	107	303019	39.279	ng	# 75
18) Hexachloroethane	9.07	117	247469	40.756	ng	# 40
19) n-Nitroso-di-n-propylamine	8.83	70	303225	35.902	ng	# 85
20) 3+4-Methylphenols	8.81	107	415557	38.959	ng	# 76
22) Acetophenone	8.86	105	601153	41.355	ng	# 97
24) Nitrobenzene	9.25	77	542072	41.035	ng	# 93
25) Isophorone	9.76	82	855251	48.401	ng	# 93
26) 2-Nitrophenol	9.95	139	236752	41.923	ng	# 44
27) 2,4-Dimethylphenol	10.00	122	361445	49.112	ng	# 72
28) bis(2-Chloroethoxy)methane	10.24	93	458631	43.480	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	564850	51.281	ng	# 88
30) 1,2,4-Trichlorobenzene	10.69	180	851540	50.949	ng	# 93
31) Naphthalene	10.87	128	1277250	44.409	ng	# 99
32) Benzoic acid	10.23	122	223850	36.353	ng	# 72
33) 4-Chloroaniline	11.01	127	163226	13.485	ng	# 88
34) Hexachlorobutadiene	11.12	225	852925	53.467	ng	# 98
35) Caprolactam	11.83	113	99745m	37.739	ng	#
36) 4-Chloro-3-methylphenol	12.13	107	458117	43.263	ng	# 90
37) 2-Methylnaphthalene	12.48	142	1136829	50.490	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1322521	46.374	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	1611073	133.265	ng	# 98

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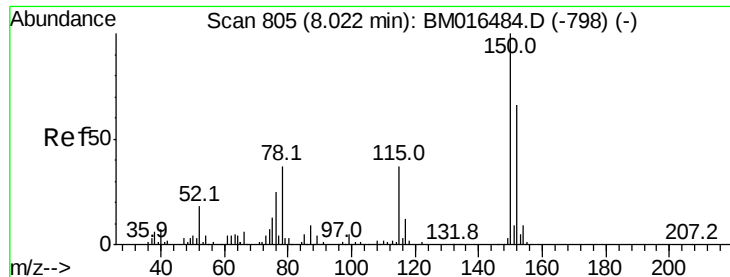
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.10	196	805007	47.204	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	810831m	48.674	nq	
45) 1,1'-Biphenyl	13.49	154	1690470	38.180	nq	98
46) 2-Chloronaphthalene	13.54	162	1422934	39.557	nq	100
47) 2-Nitroaniline	13.77	65	329235	34.362	nq	86
48) Acenaphthylene	14.39	152	2091796	41.196	nq	97
49) Dimethylphthalate	14.12	163	1990751	41.036	nq	# 97
50) 2,6-Dinitrotoluene	14.26	165	392305	41.460	nq	# 81
51) Acenaphthene	14.72	154	1238479	39.701	nq	98
52) 3-Nitroaniline	14.60	138	141653	16.453	nq	# 76
53) 2,4-Dinitrophenol	14.83	184	350172	73.949	nq	# 67
54) Dibenzofuran	15.06	168	2641817	44.239	nq	94
55) 4-Nitrophenol	14.92	139	399491	72.748	nq	# 78
56) 2,4-Dinitrotoluene	15.06	165	657599	41.677	nq	# 86
57) Fluorene	15.70	166	2120106	46.996	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	778264	48.608	nq	# 100
59) Diethylphthalate	15.47	149	1923291	38.023	nq	94
60) 4-Chlorophenyl-phenylether	15.69	204	1720023	45.465	nq	# 85
61) 4-Nitroaniline	15.77	138	255921	30.415	nq	# 1
62) Azobenzene	15.99	77	2080651	38.619	nq	89
64) 4,6-Dinitro-2-methylphenol	15.83	198	381038	30.990	nq	# 57
65) n-Nitrosodiphenylamine	15.92	169	1790230	39.326	nq	96
66) 4-Bromophenyl-phenylether	16.59	248	1053748	42.380	nq	97
67) Hexachlorobenzene	16.70	284	1209813	41.723	nq	96
68) Atrazine	16.86	200	978490	47.098	nq	92
69) Pentachlorophenol	17.06	266	1077221	70.214	nq	99
70) Phenanthrene	17.44	178	3612571	43.194	nq	100
71) Anthracene	17.53	178	3722222	44.818	nq	98
72) Carbazole	17.81	167	2589924	34.700	nq	97
73) Di-n-butylphthalate	18.33	149	3216730	35.351	nq	# 97
74) Fluoranthene	19.44	202	5156338	42.048	nq	94
76) Benzidine	19.63	184	2104980	53.649	nq	98
77) Pyrene	19.80	202	5200593	46.903	nq	99
79) Butylbenzylphthalate	20.67	149	1455552	38.031	nq	# 79
80) Benzo(a)anthracene	21.53	228	5450533	45.441	nq	98
81) 3,3'-Dichlorobenzidine	21.46	252	1041909	19.514	nq	# 97
82) Chrysene	21.58	228	4774029	41.714	nq	100
83) Bis(2-ethylhexyl)phthalate	21.42	149	2108966	37.067	nq	# 98
84) Di-n-octyl phthalate	22.30	149	3414211	36.110	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.15	276	6033050	36.656	nq	# 92
87) Benzo(b)fluoranthene	23.14	252	5309661	47.939	nq	# 91
88) Benzo(k)fluoranthene	23.19	252	5089241	45.159	nq	# 93
89) Benzo(a)pyrene	23.73	252	4953335	45.962	nq	# 95
90) Dibenzo(a,h)anthracene	26.15	278	5052181	41.830	nq	# 87
91) Benzo(g,h,i)perylene	26.86	276	4535068	41.830	nq	# 80

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



#1

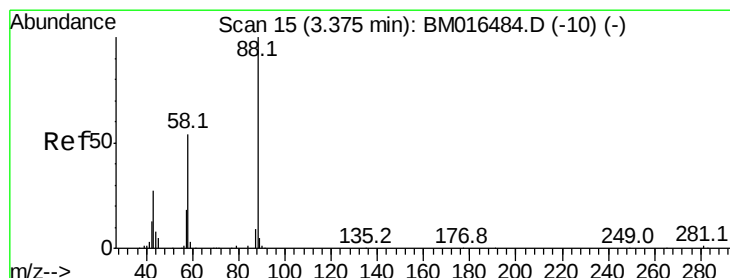
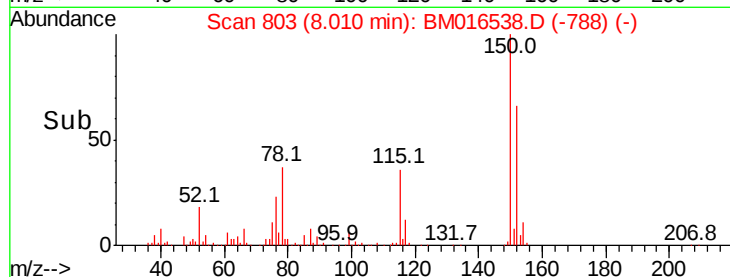
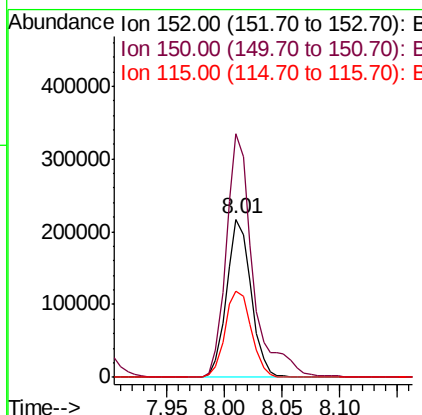
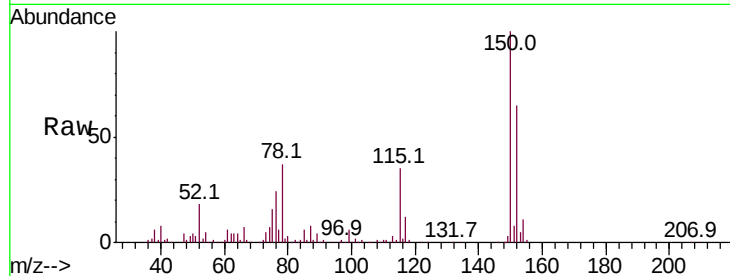
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.5	179.3
115	54.5	43.0	64.4

Manual Integrations
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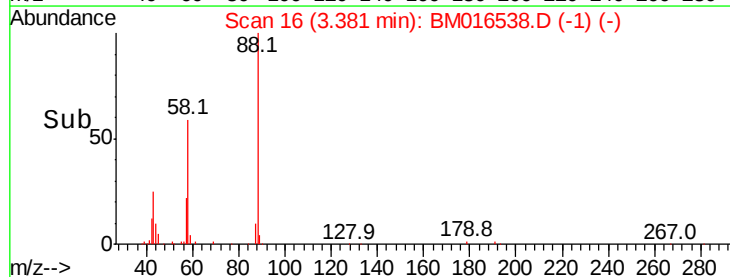
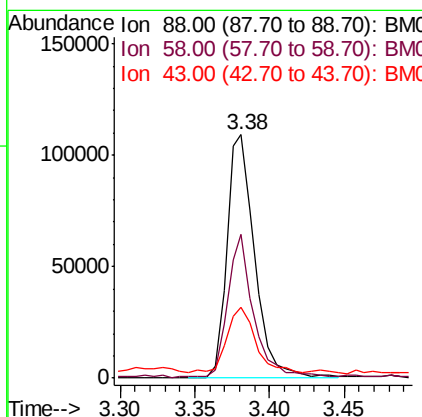
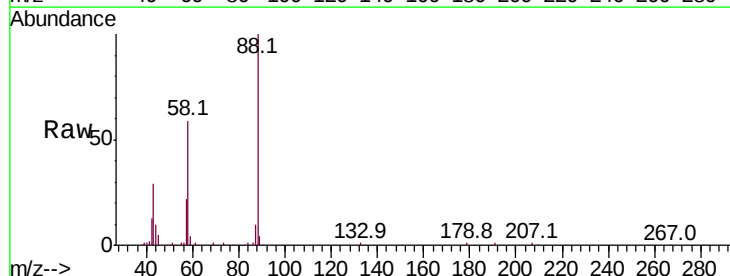
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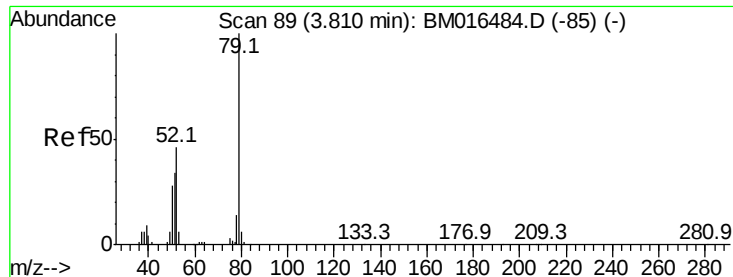


#2

1,4-Dioxane
Concen: 31.778 ng
RT: 3.38 min Scan# 16
Delta R.T. 0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.2	0.0	0.0#
43	26.8	0.0	0.0#





#3

Pvridine

Concen: 30.275 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

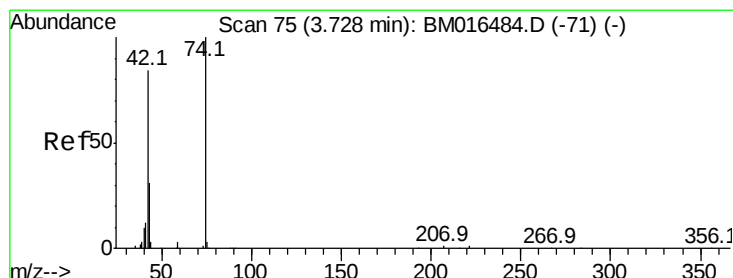
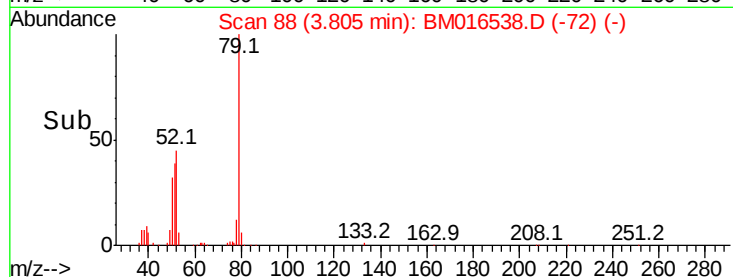
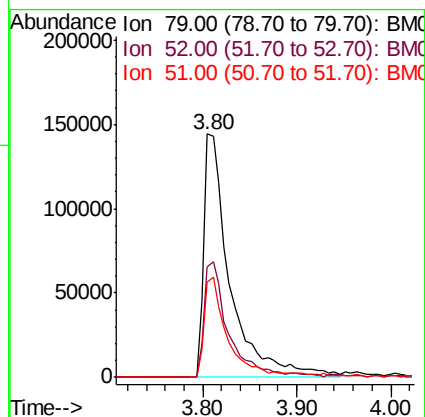
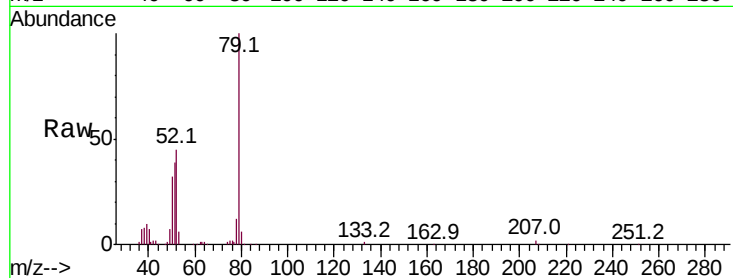
ClientSampleId :

PB112247BS

Tot Ion:	79	Resp:	283289
Ion Ratio	Lower	Upper	
79	100		
52	45.3	51.1	76.7#
51	39.3	26.1	39.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.837 ng

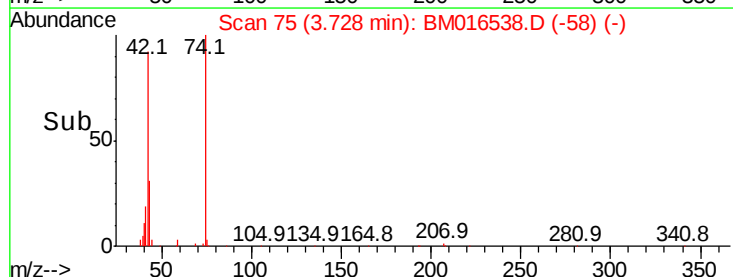
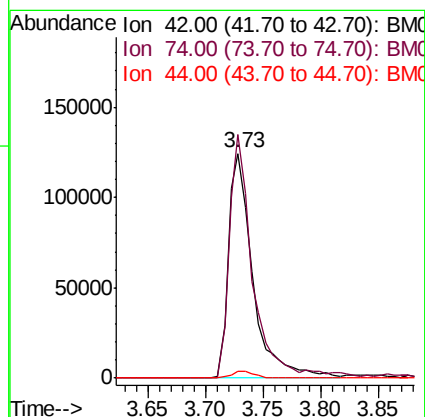
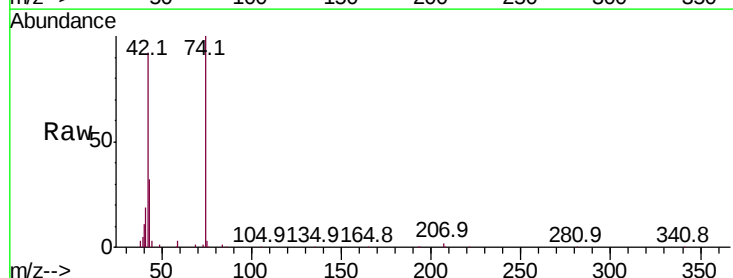
RT: 3.73 min Scan# 75

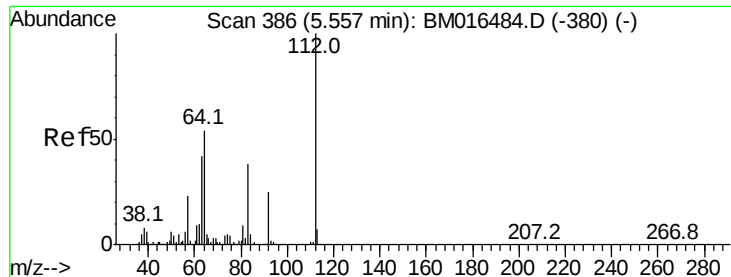
Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:	42	Resp:	182737
Ion Ratio	Lower	Upper	
42	100		
74	108.2	119.3	178.9#
44	2.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 137.918 ng

RT: 5.56 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

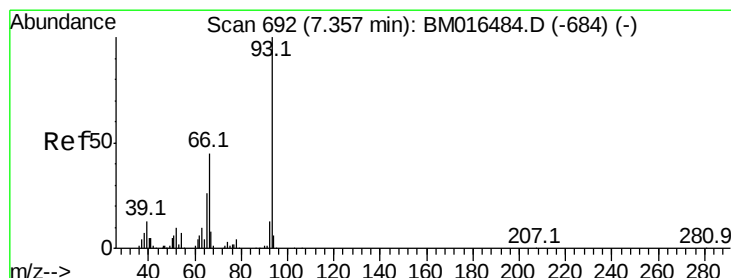
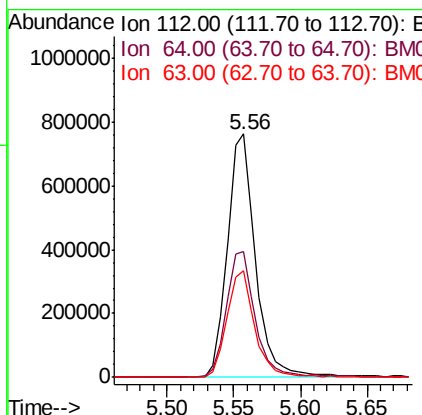
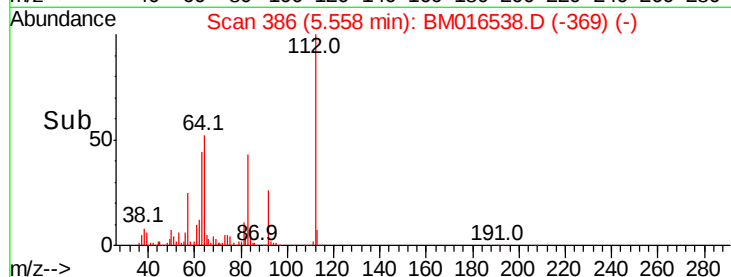
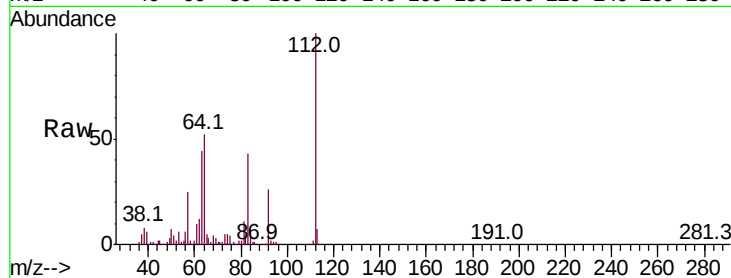
ClientSampleId :

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Tot Ion:	112	Resp:	1122752
Ion Ratio	Lower	Upper	
112	100		
64	52.0	38.6	57.8
63	43.6	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 26.725 ng

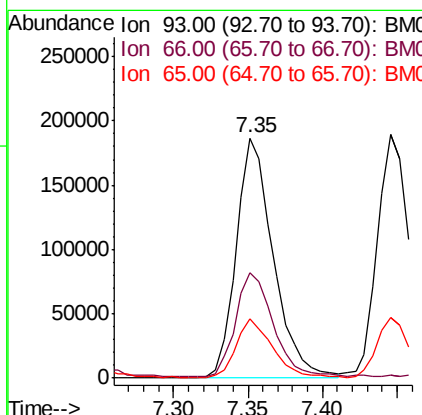
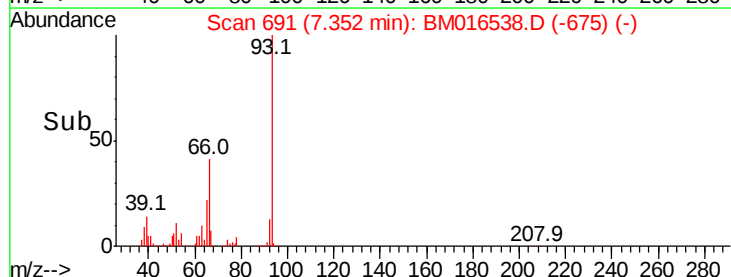
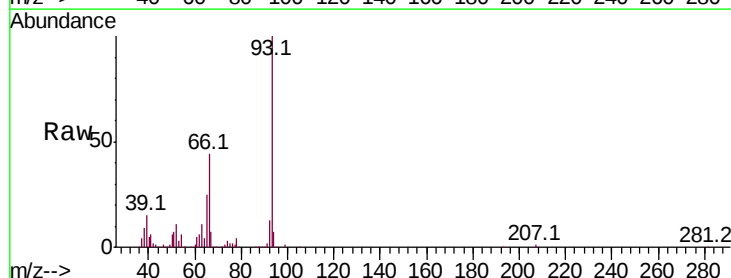
RT: 7.35 min Scan# 691

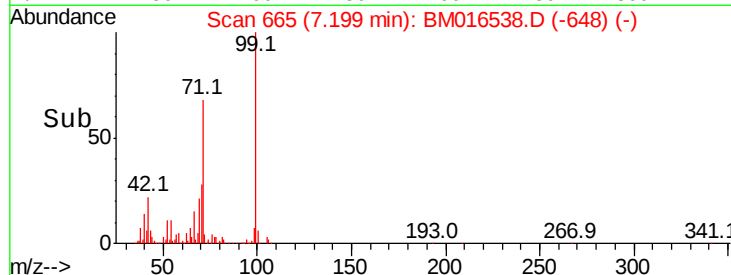
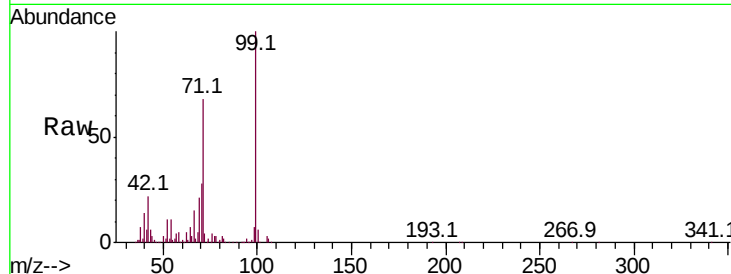
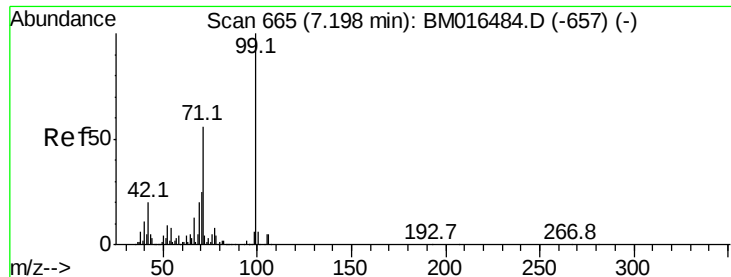
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:	93	Resp:	322158
Ion Ratio	Lower	Upper	
93	100		
66	43.8	30.8	46.2
65	24.7	16.0	24.0#





#7

Phenol-d6

Concen: 128.021 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tot Ion	99	Ratio	100	Resp	1379093	Lower	Upper
99	100						
42	22.3			11.0	16.4#		
71	67.5			23.4	35.2#		

Instrument :

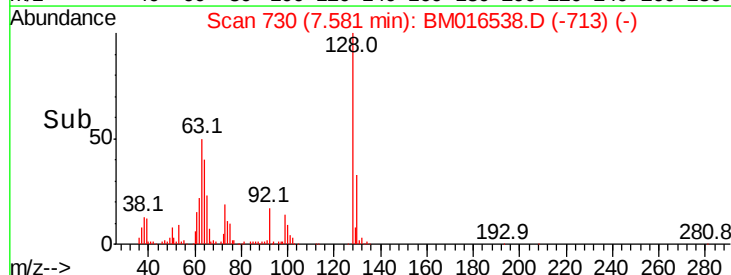
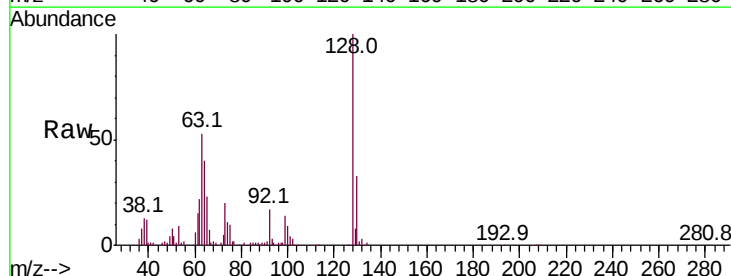
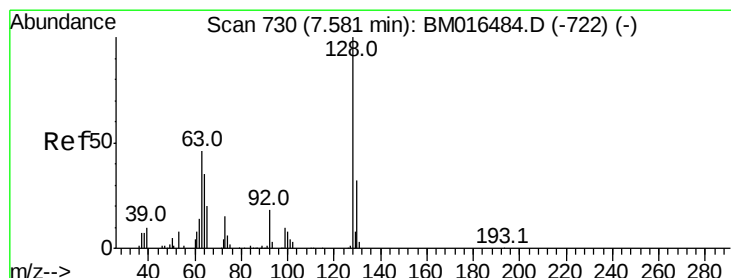
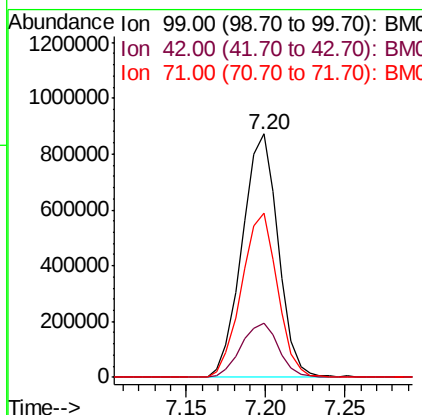
BNA_M

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#8

2-Chlorophenol

Concen: 40.991 ng

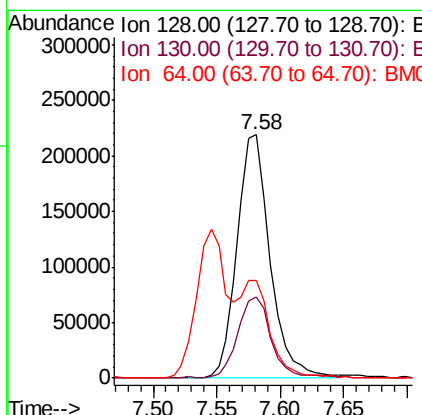
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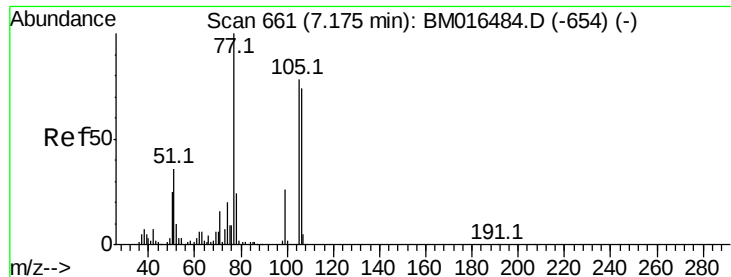
Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion	128	Ratio	100	Resp	397072	Lower	Upper
128	100						
130	33.3			12.0	52.0		
64	40.2			24.9	64.9		





#9

Benzaldehyde

Concen: 34.192 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

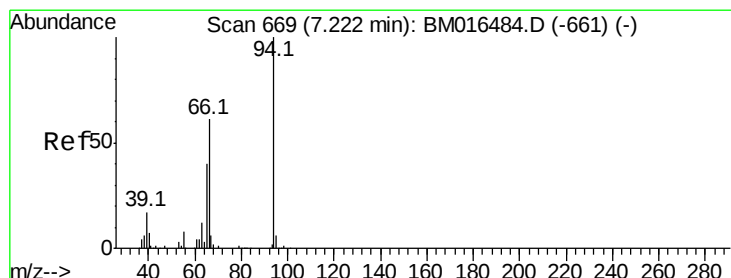
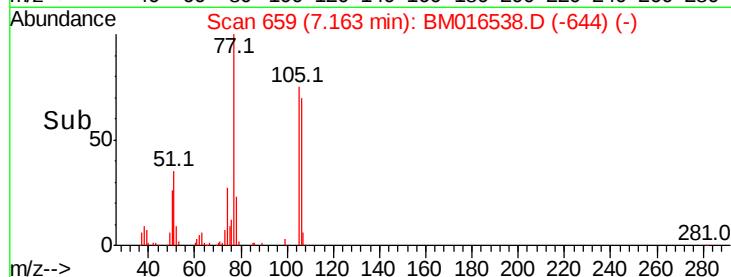
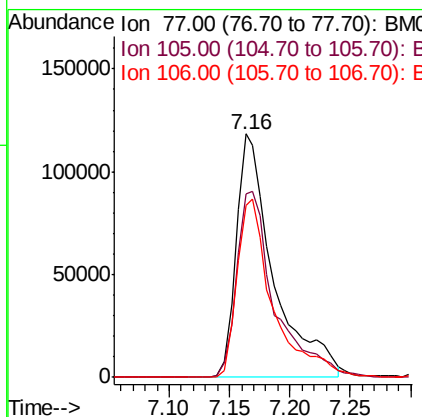
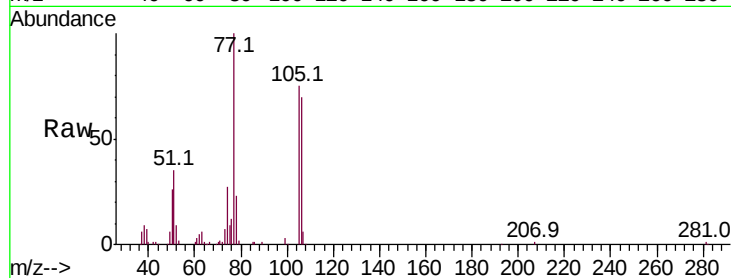
ClientSampleId :

PB112247BS

Tot Ion:	77	Resp:	255616
Ion	Ratio	Lower	Upper
77	100		
105	75.4	78.8	118.8#
106	70.4	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 39.698 ng

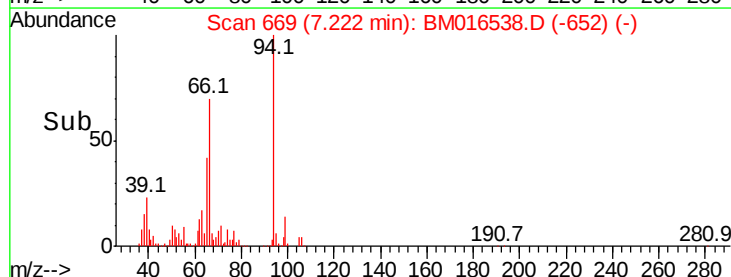
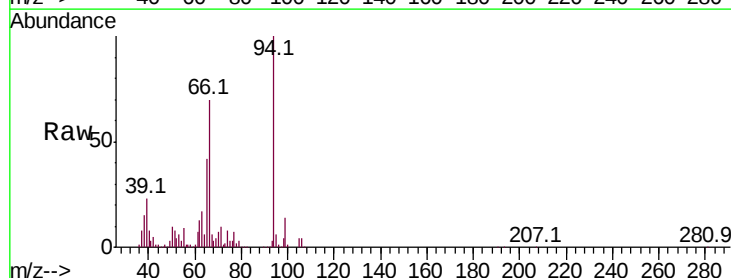
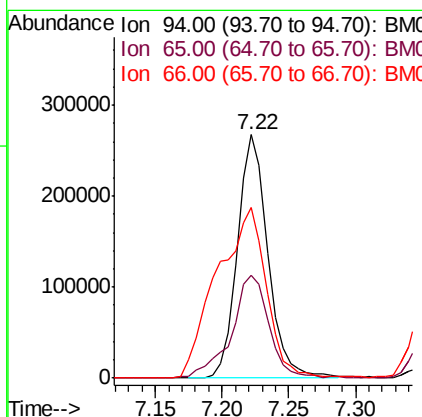
RT: 7.22 min Scan# 669

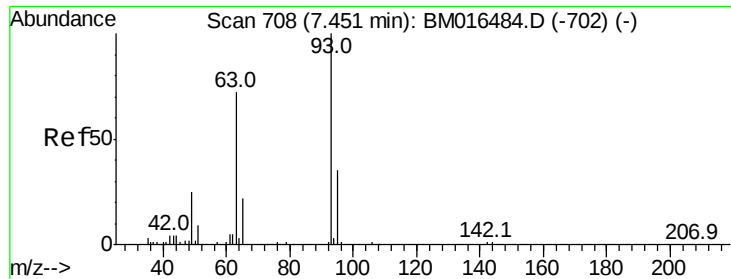
Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:	94	Resp:	422916
Ion	Ratio	Lower	Upper
94	100		
65	42.4	18.8	58.8
66	70.1	39.9	79.9





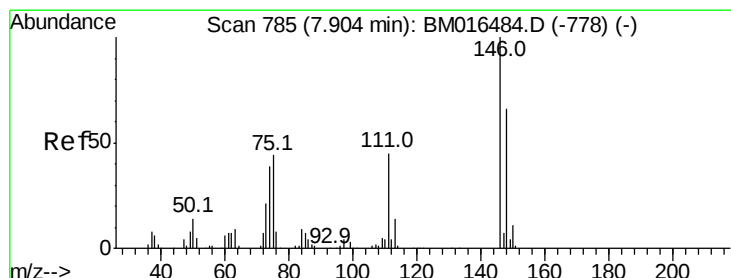
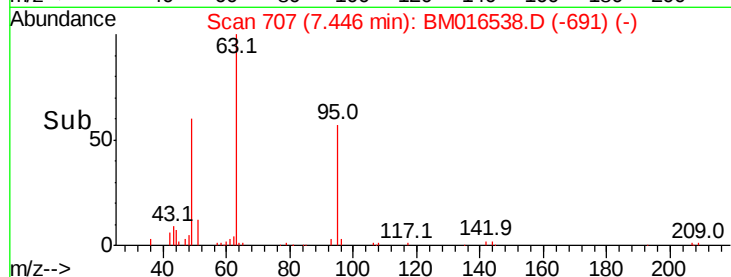
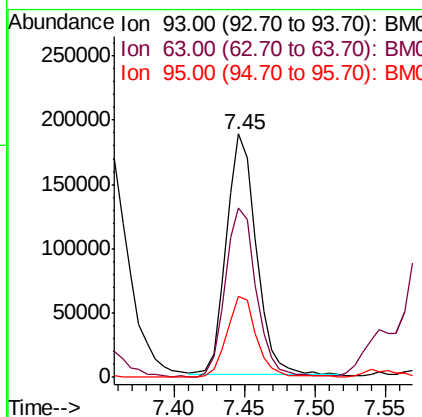
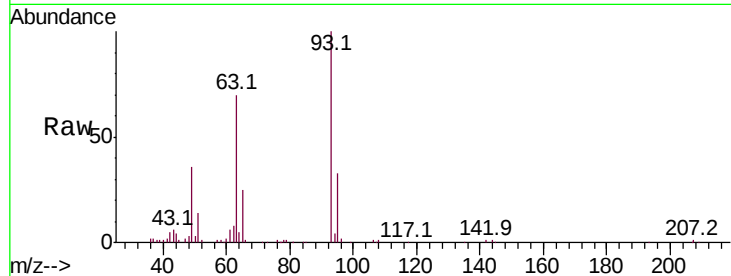
#11
bis(2-Chloroethyl)ether
Concen: 34.475 ng
RT: 7.45 min Scan# 707
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleID :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	275409		
63	69.5		49.5	89.5
95	33.3		13.5	53.5

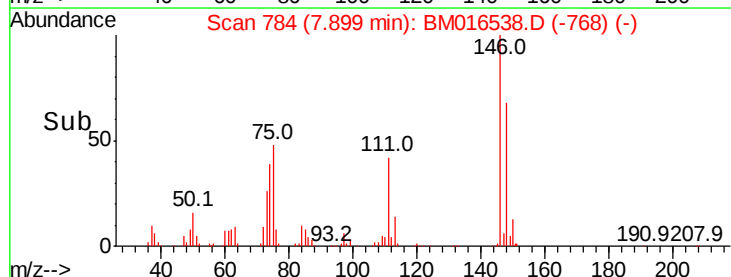
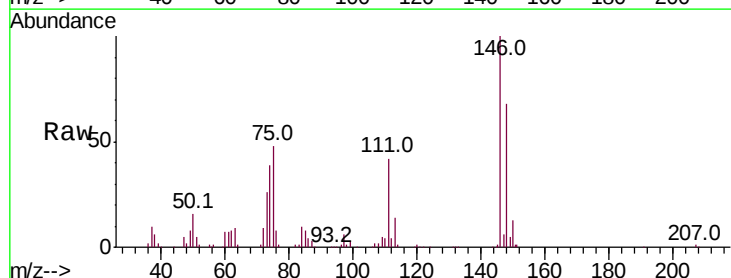
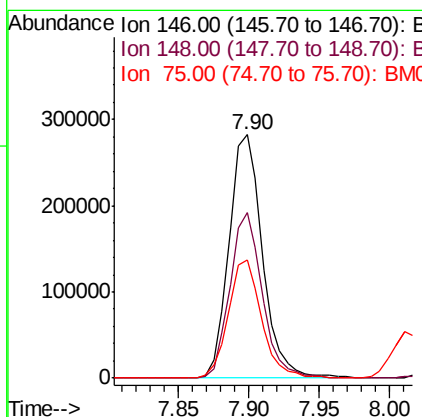
Manual Integrations
APPROVED

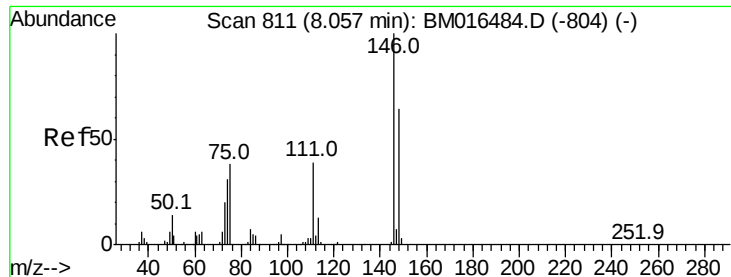
Sohil
8/23/2018 6:39:24 PM



#12
1,3-Dichlorobenzene
Concen: 36.229 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	465292		
148	67.9		50.9	76.3
75	48.4		21.4	32.2





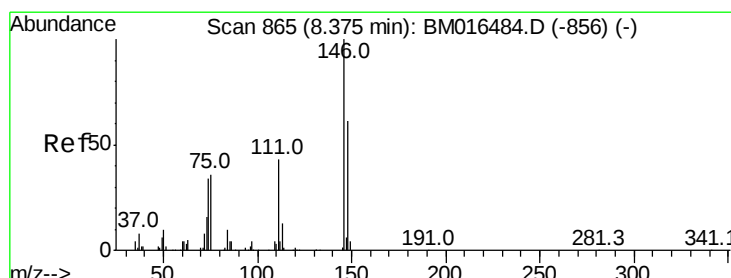
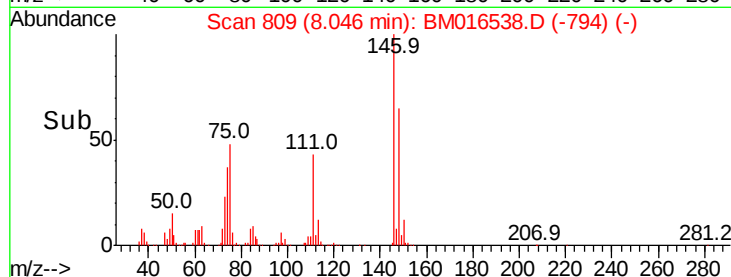
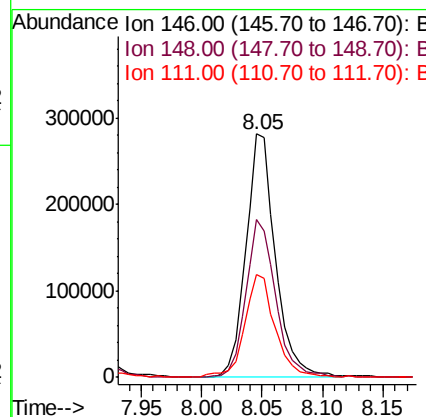
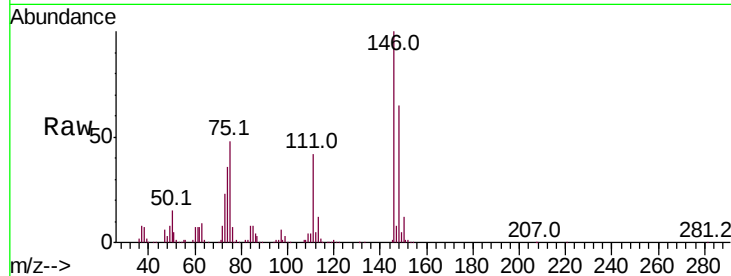
#13
1,4-Dichlorobenzene
Concen: 36.599 ng
RT: 8.05 min Scan# 809
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	42.3	29.2	43.8

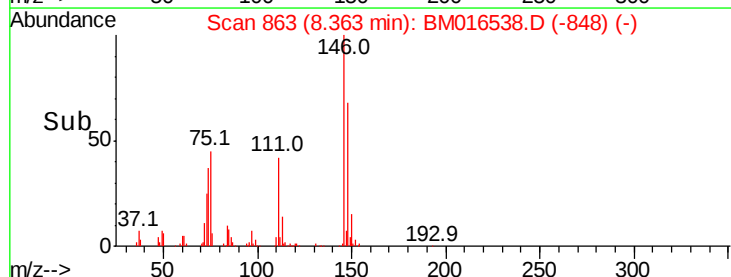
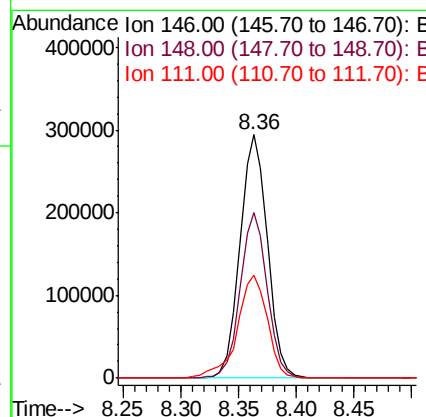
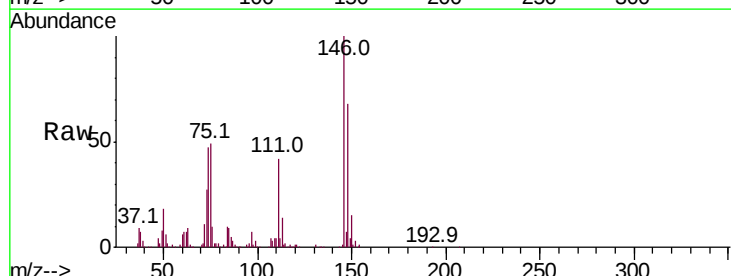
Manual Integrations
APPROVED

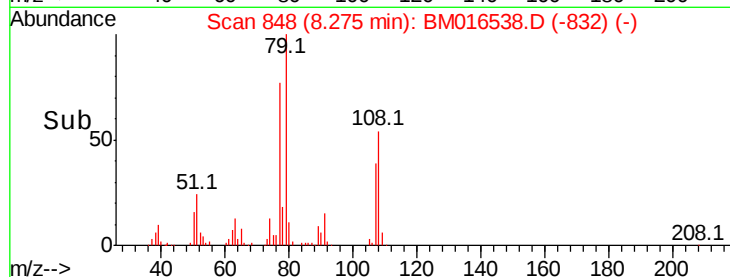
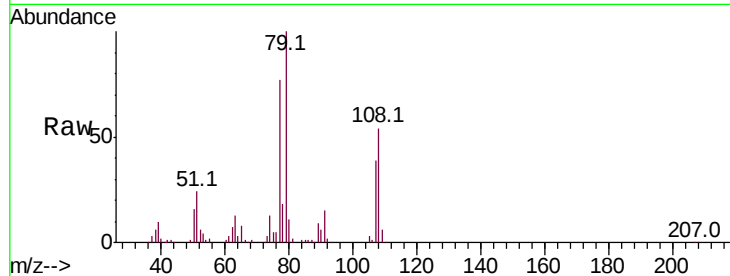
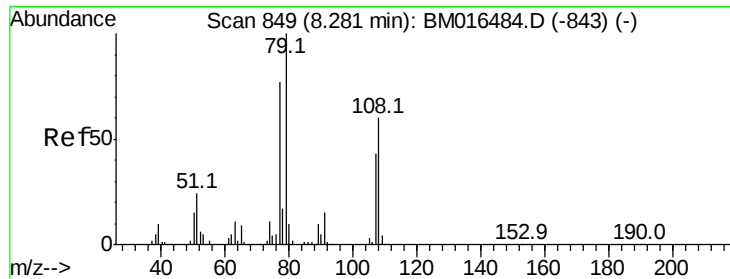
Sohil
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#14
1,2-Dichlorobenzene
Concen: 37.290 ng
RT: 8.36 min Scan# 863
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	52.3	78.5
111	42.3	30.6	45.8





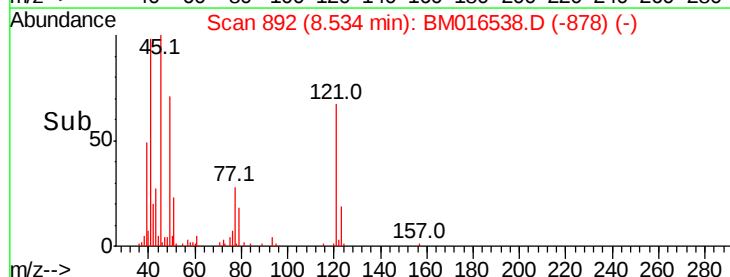
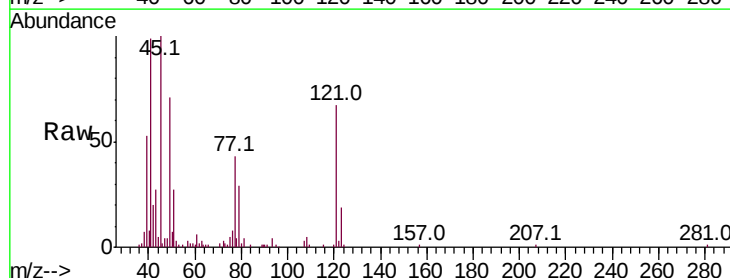
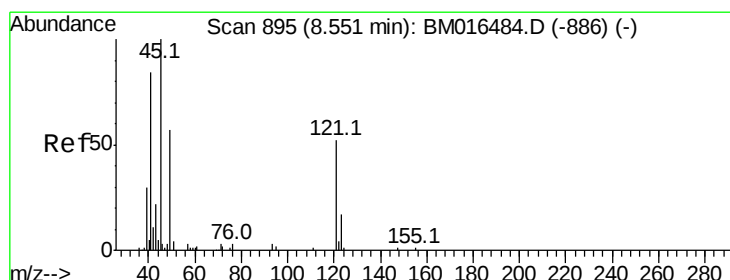
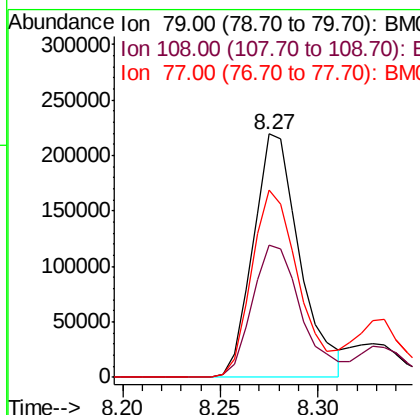
#15
Benzyl Alcohol
Concen: 36.261 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tot Ion	Ratio	Lower	Upper
79	100		
108	54.3	65.0	97.4#
77	77.0	53.0	79.6

Instrument :
BNA_M
ClientSampled :
PB112247BS

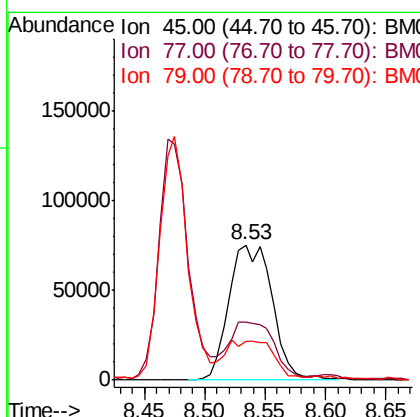
Manual Integrations
APPROVED

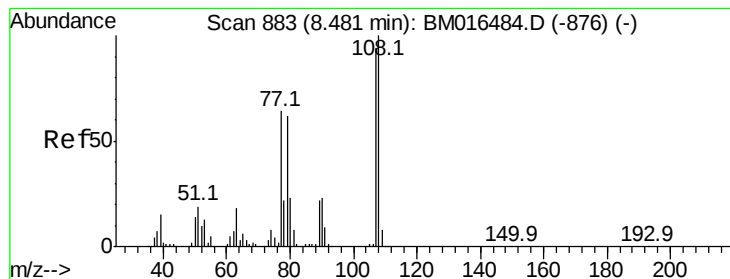
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.250 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.02 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	42.9	0.0	35.2#
79	28.6	0.0	32.0





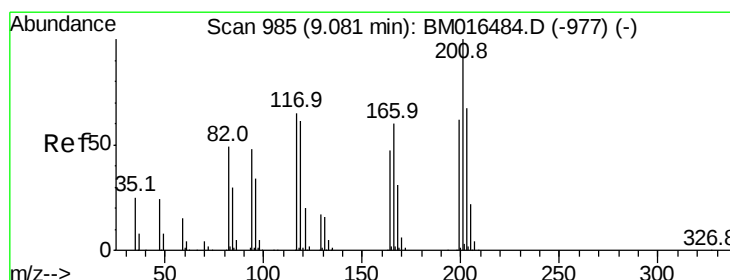
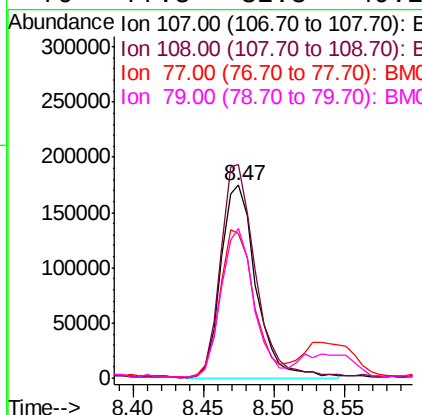
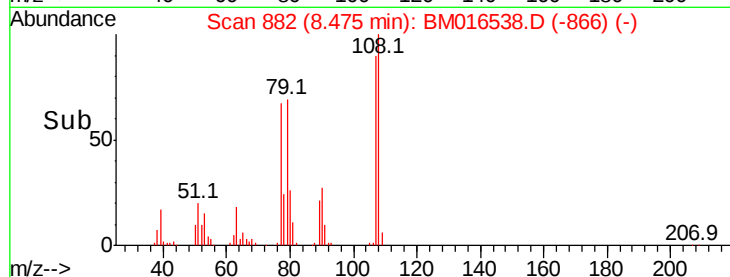
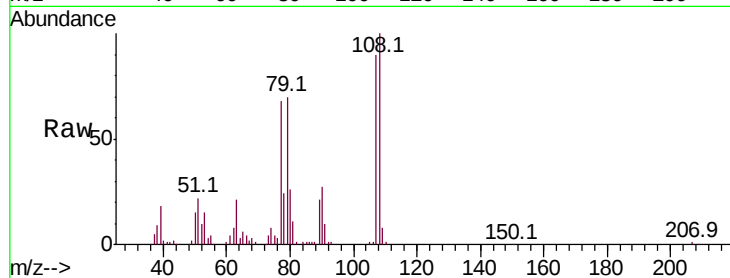
#17
2-Methylphenol
Concen: 39.279 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	89.8	134.8	
77	75.4	32.6	48.8#	
79	77.8	32.8	49.2#	

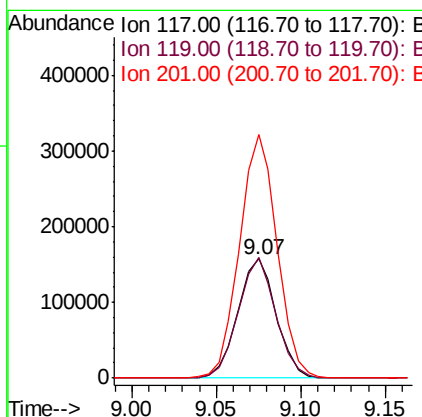
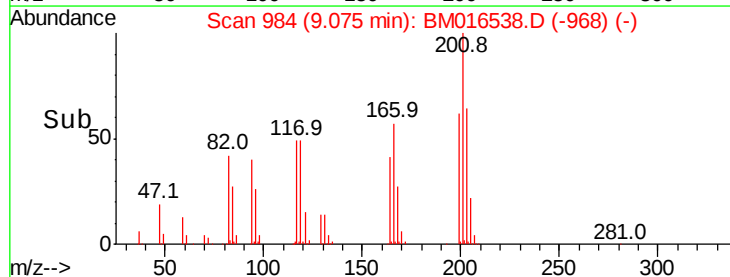
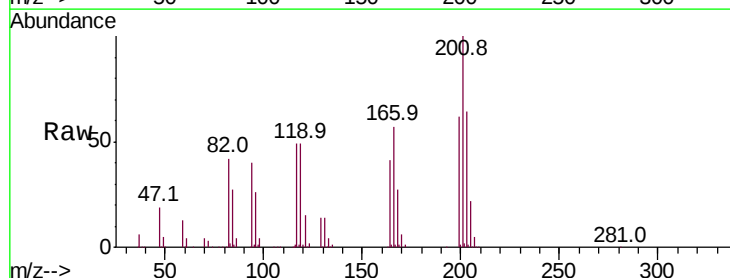
Manual Integrations
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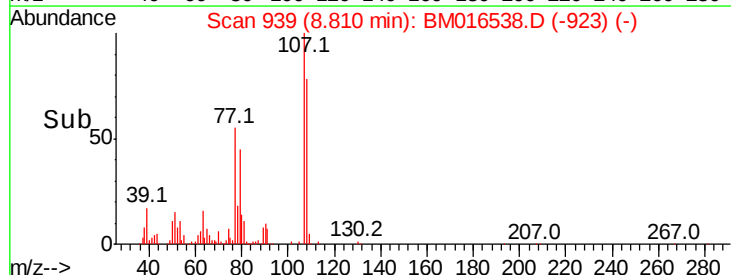
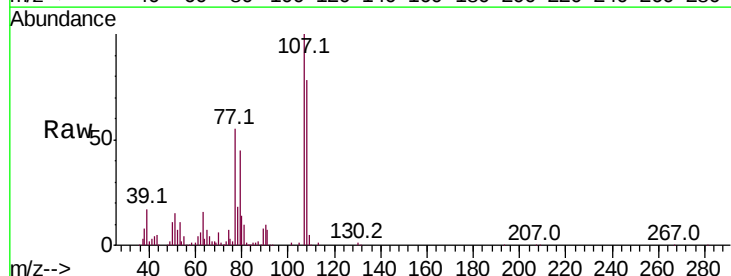
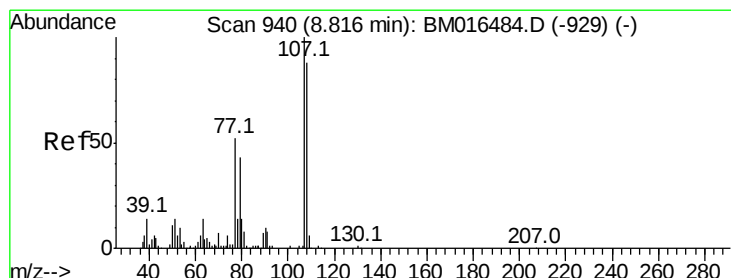
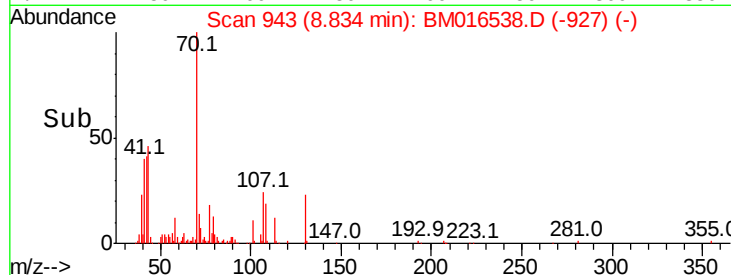
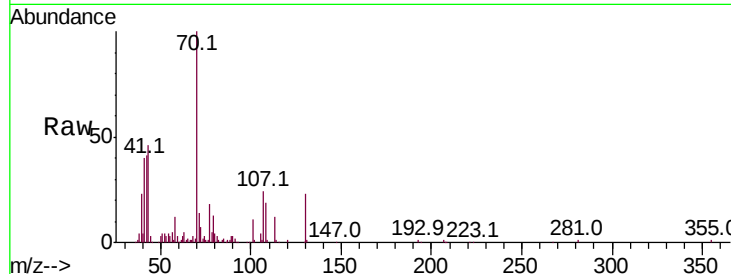
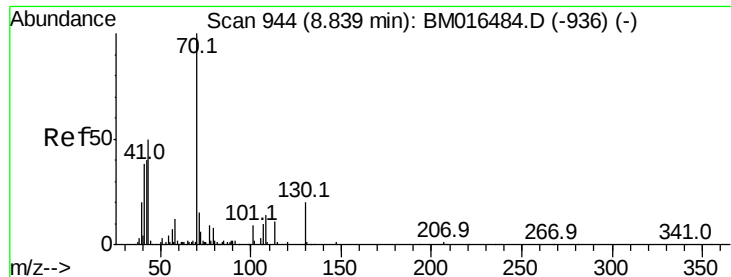
Sohil
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#18
Hexachloroethane
Concen: 40.756 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.9	79.2	118.8	
201	203.9	69.8	104.6#	





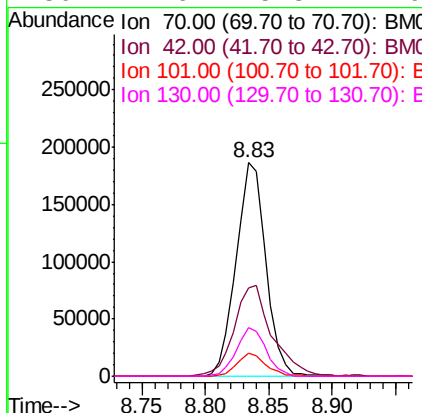
#19
n-Nitroso-di-n-propylamine
Concen: 35.902 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.2	44.5	66.7#		
101	10.7	7.4	11.2		
130	22.6	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
PB112247BS

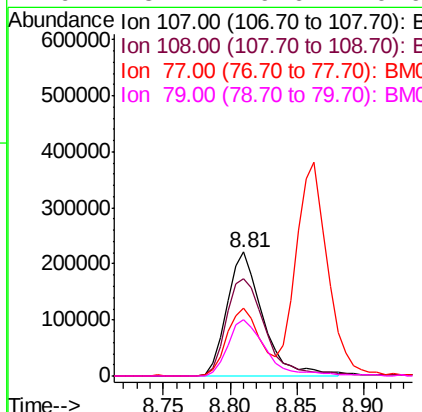
Manual Integrations
APPROVED

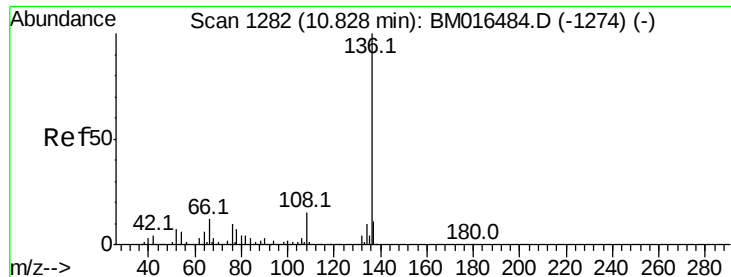
Sohil
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#20
3+4-Methylphenols
Concen: 38.959 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	78.5	73.2	113.2		
77	55.4	10.7	50.7#		
79	45.4	9.6	49.6		





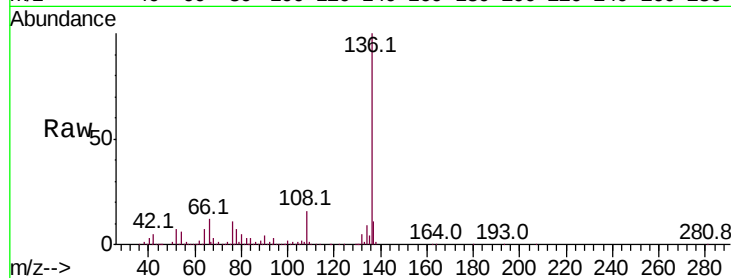
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.4	4.6	6.8
68	2.9	3.7	5.5#

Manual Integrations
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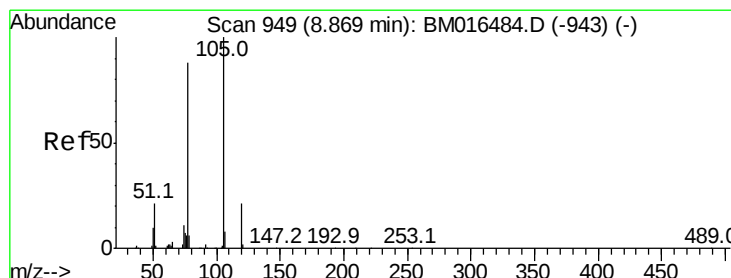
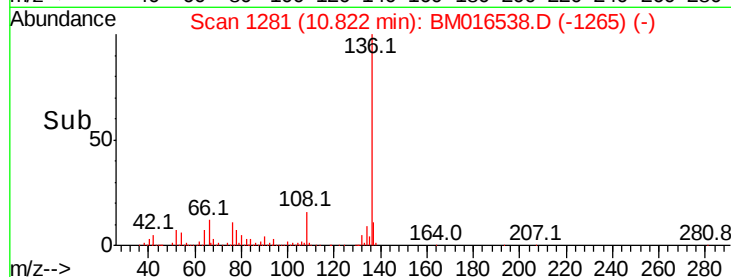
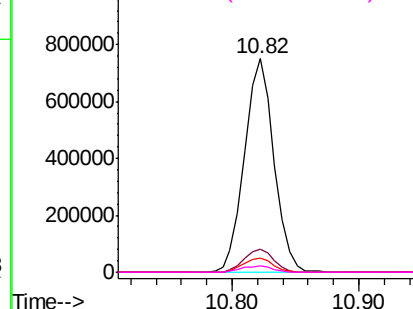
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 41.355 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	24.9	21.6	32.4
120	20.8	16.1	24.1

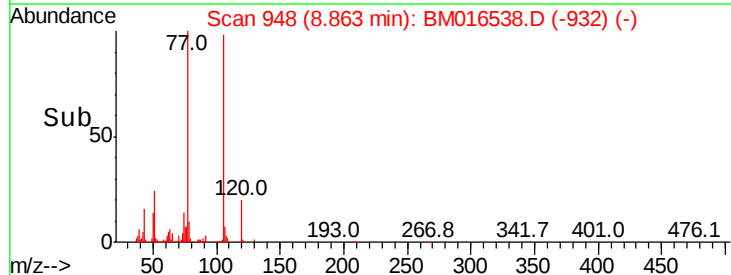
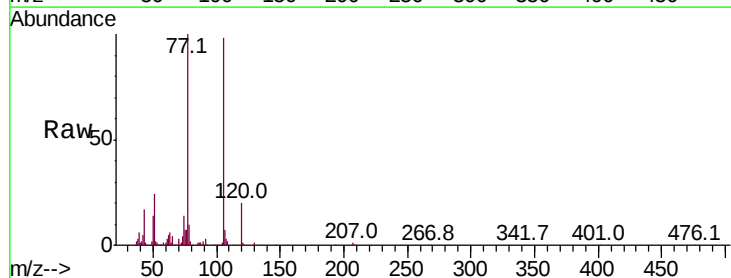
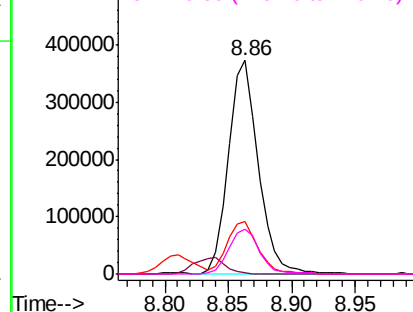
Abundance

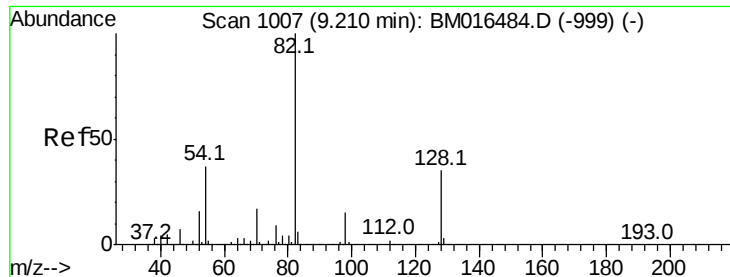
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





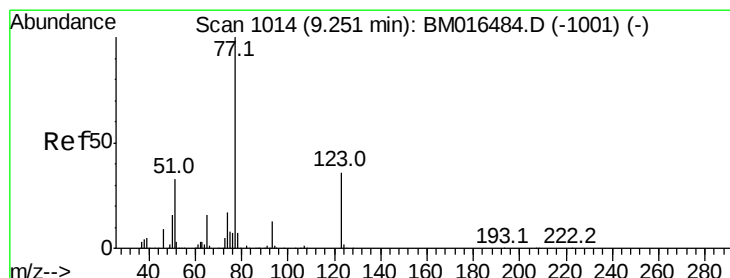
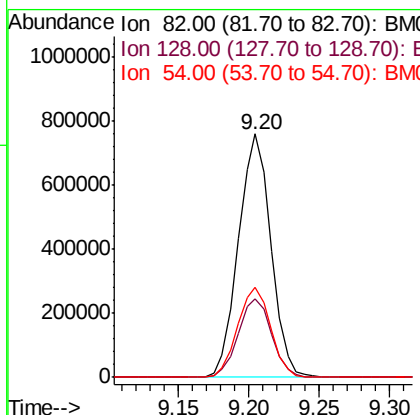
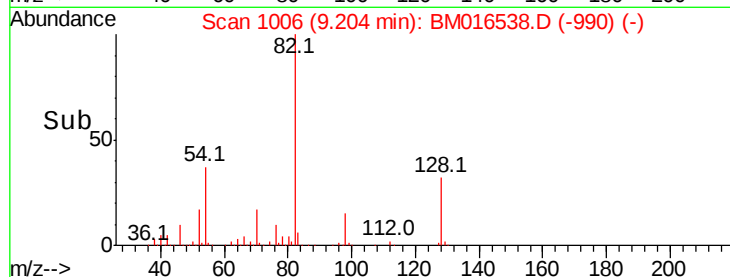
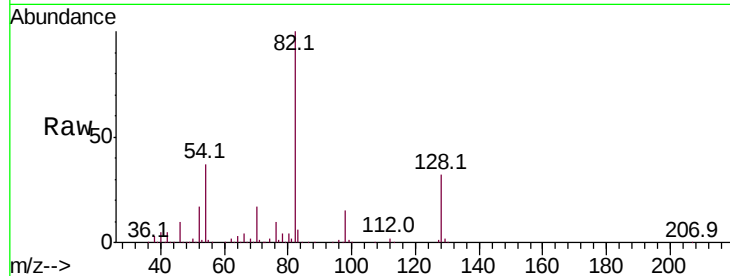
#23
 Nitrobenzene-d5
 Concen: 92.551 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion: 82 Resp: 1223638
 Ion Ratio Lower Upper
 82 100
 128 32.0 32.8 49.2#
 54 37.0 40.6 60.8#

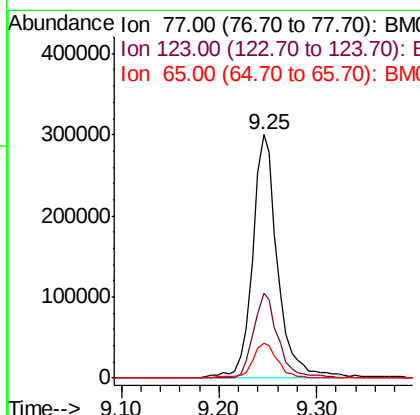
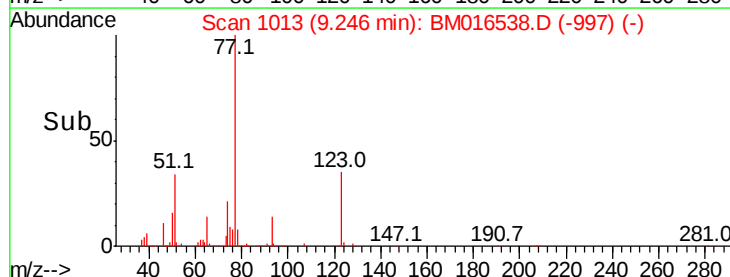
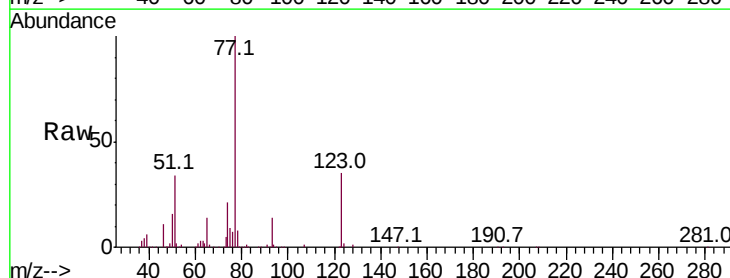
Manual Integrations
 APPROVED

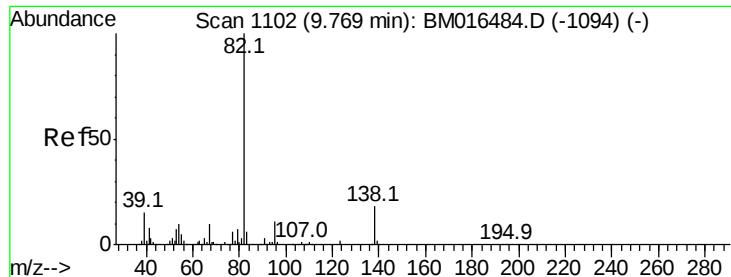
Sohil
 8/23/2018 6:39:24 PM



#24
 Nitrobenzene
 Concen: 41.035 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion: 77 Resp: 542072
 Ion Ratio Lower Upper
 77 100
 123 35.0 32.6 49.0
 65 14.3 10.9 16.3





#25

Isophorone

Concen: 48.401 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

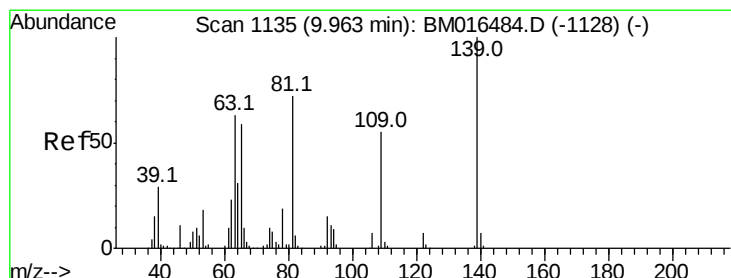
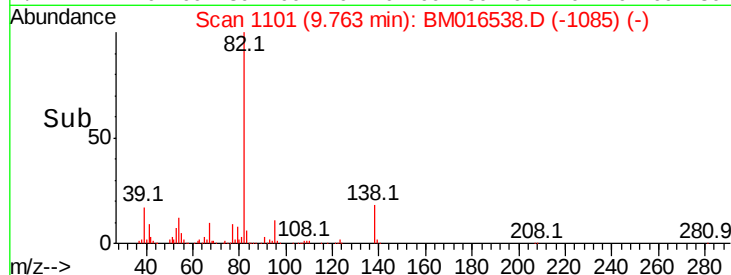
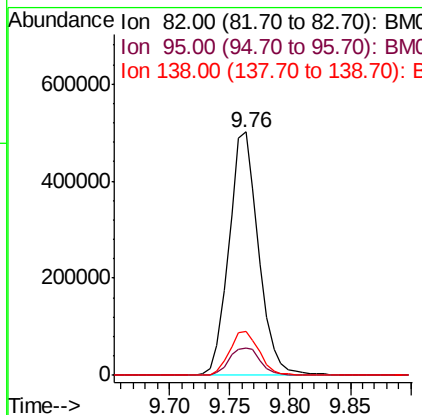
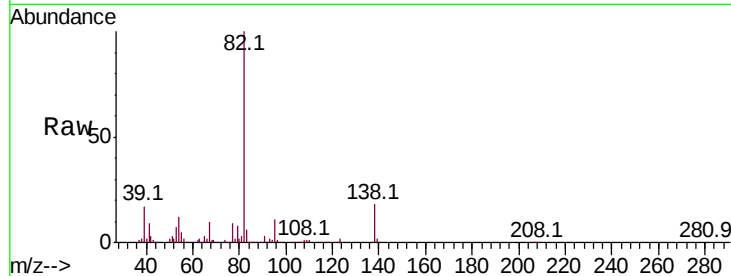
ClientSampleId :

PB112247BS

Tot Ion	82	Resp	855251
Ion Ratio	Lower	Upper	
82	100		
95	11.1	5.8	8.6#
138	18.0	16.3	24.5

Manual Integrations
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Sohil
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#26

2-Nitrophenol

Concen: 41.923 ng

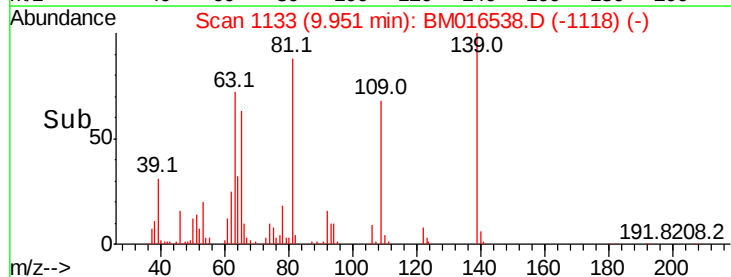
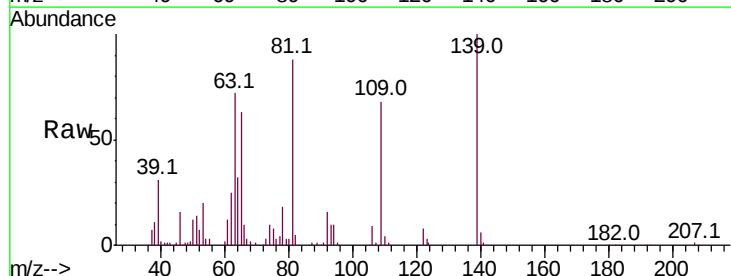
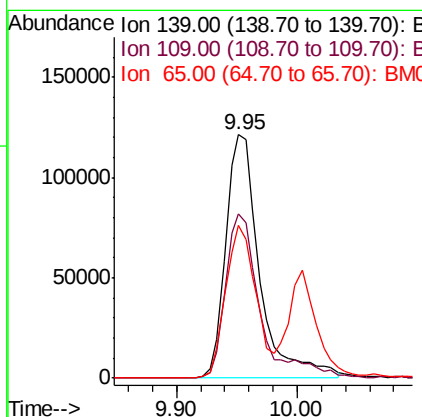
RT: 9.95 min Scan# 1133

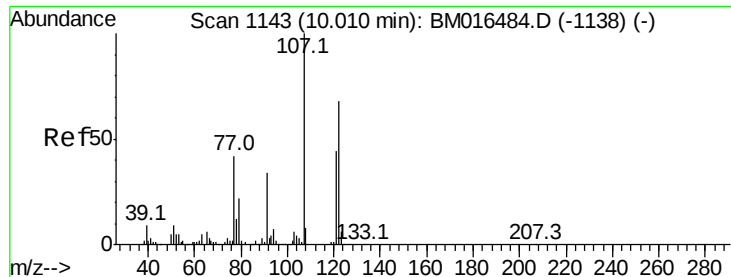
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion	139	Resp	236752
Ion Ratio	Lower	Upper	
139	100		
109	67.6	20.1	30.1#
65	62.6	31.5	47.3#





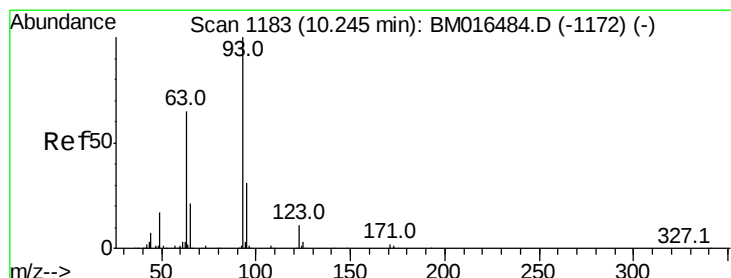
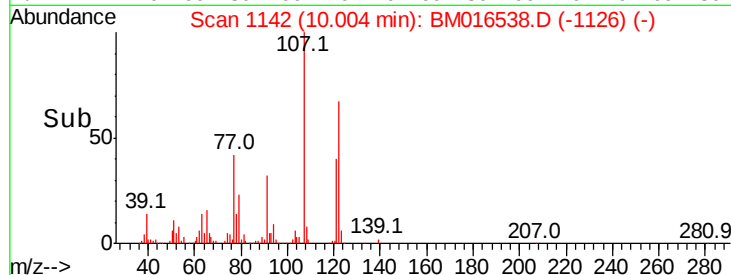
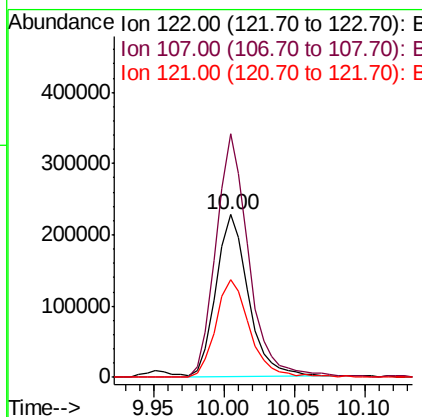
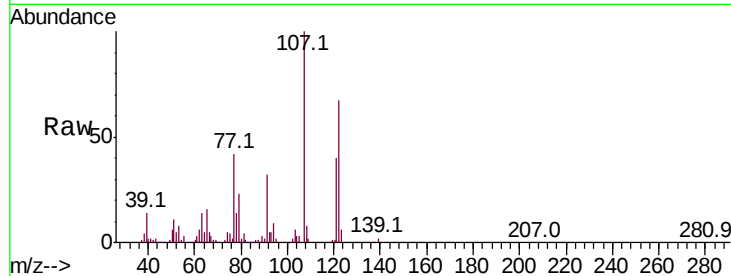
#27
2,4-Dimethylphenol
Concen: 49.112 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	149.6	84.7	127.1#
121	60.0	46.6	69.8

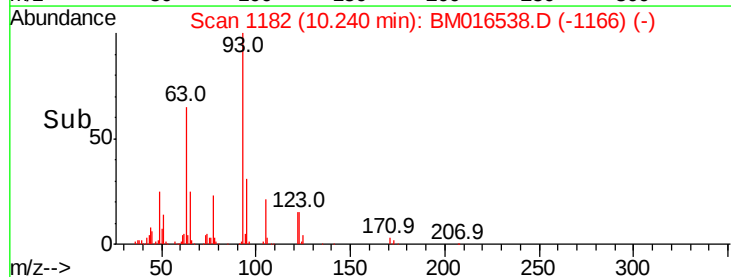
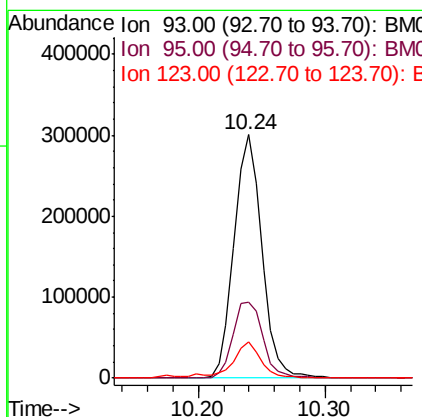
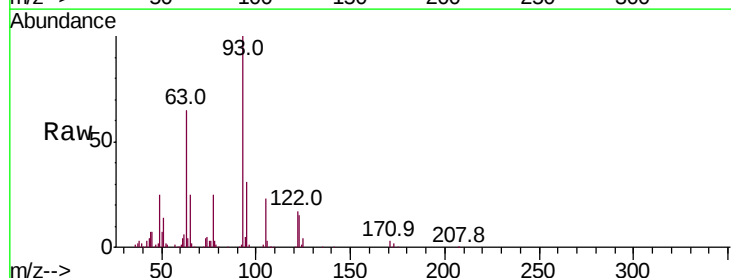
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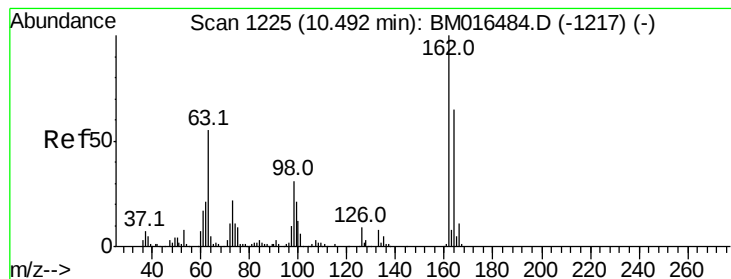
Sohil
8/23/2018 6:39:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.480 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.5	38.3
123	14.9	8.6	13.0#





#29

2,4-Dichlorophenol

Concen: 51.281 ng

RT: 10.49 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

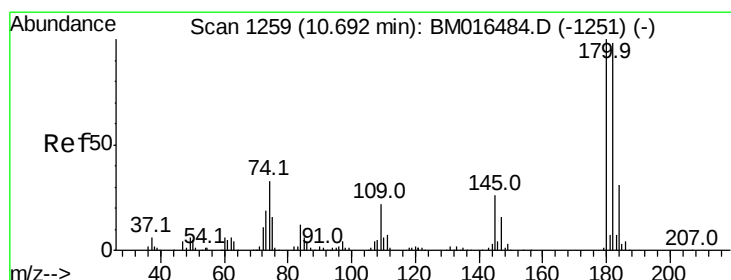
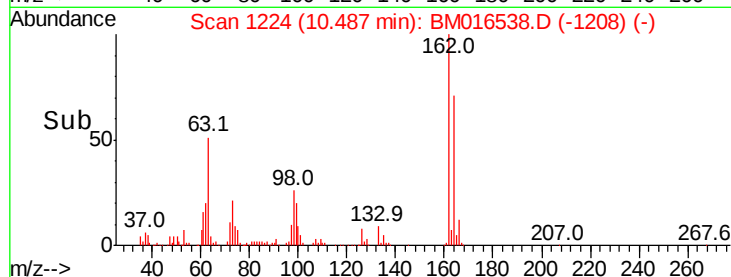
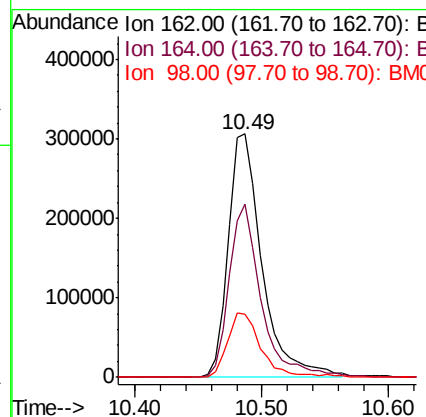
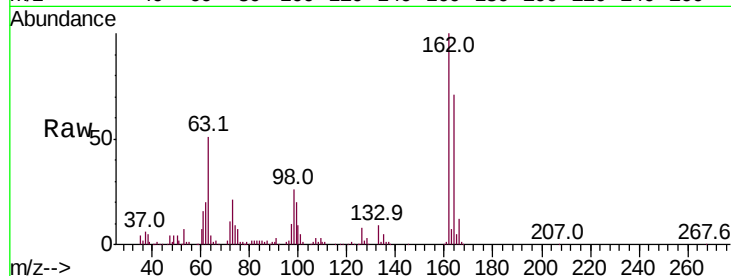
ClientSampleId :

PB112247BS

Tot Ion:	162	Resp:	564850
Ion Ratio	Lower	Upper	
162	100		
164	70.9	42.8	82.8
98	26.2	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 50.949 ng

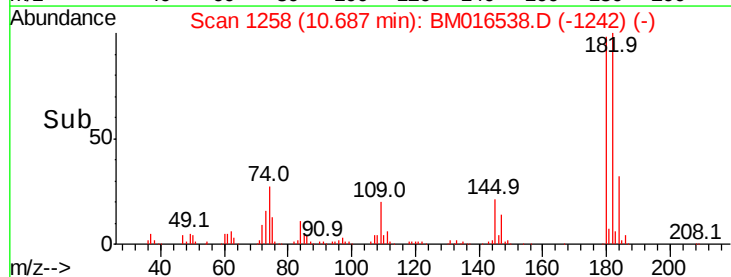
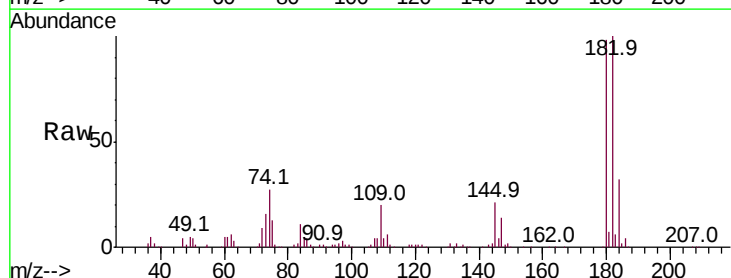
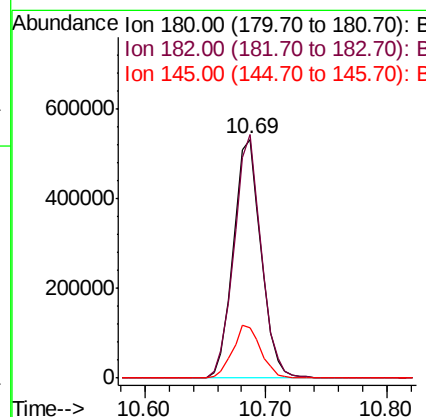
RT: 10.69 min Scan# 1258

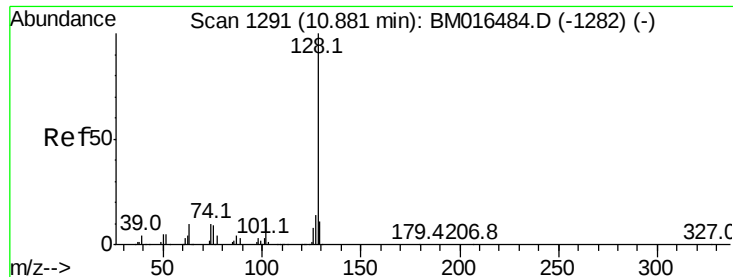
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:	180	Resp:	851540
Ion Ratio	Lower	Upper	
180	100		
182	102.1	77.6	116.4
145	21.2	23.4	35.2#





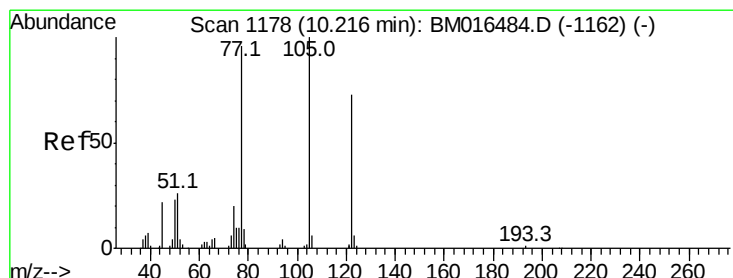
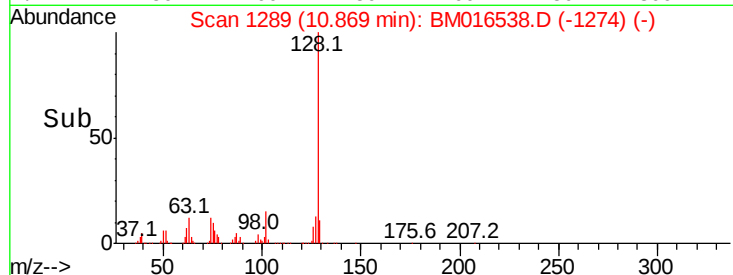
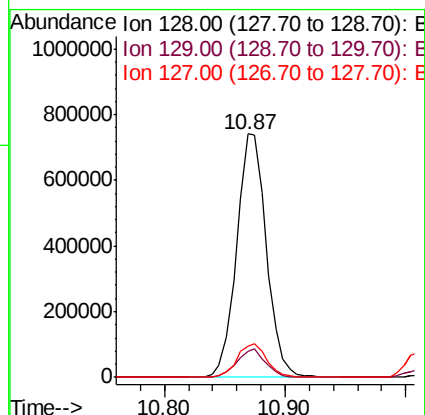
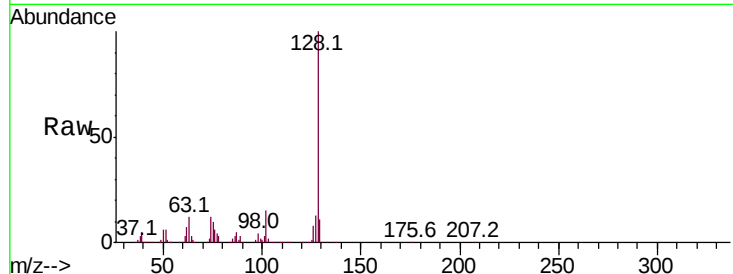
#31
Naphthalene
Concen: 44.409 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.0	10.4	15.6

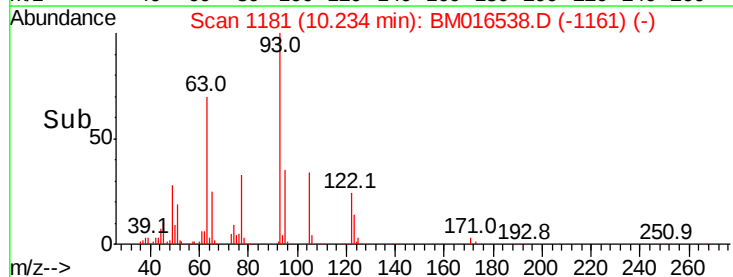
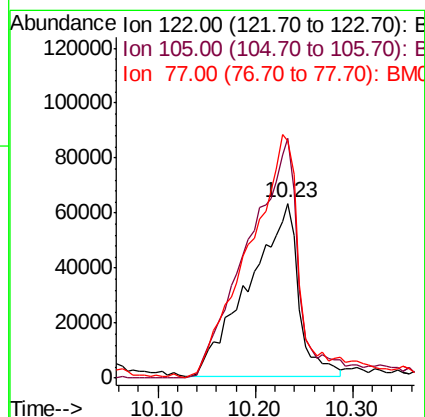
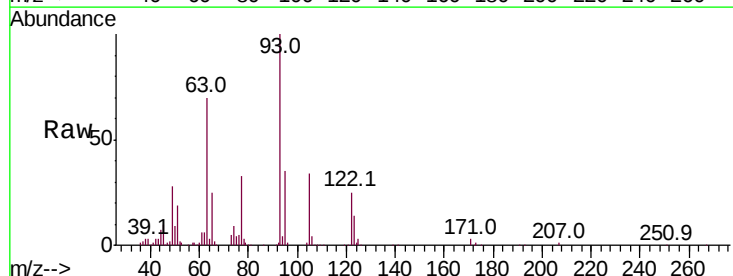
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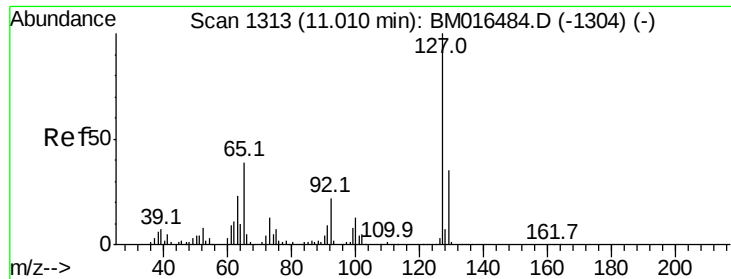
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#32
Benzoic acid
Concen: 36.353 ng
RT: 10.23 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.4	99.9	139.9
77	135.4	73.7	113.7#





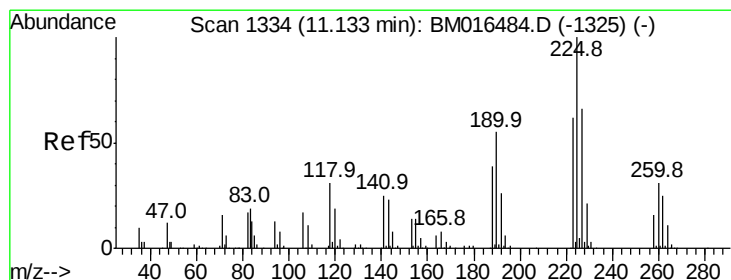
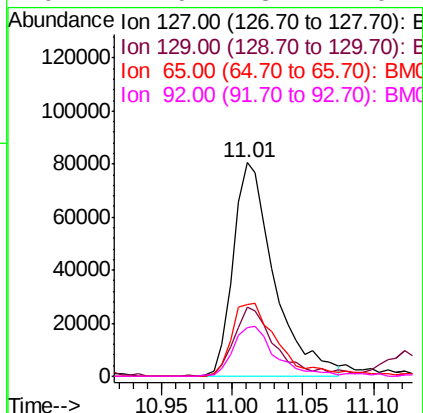
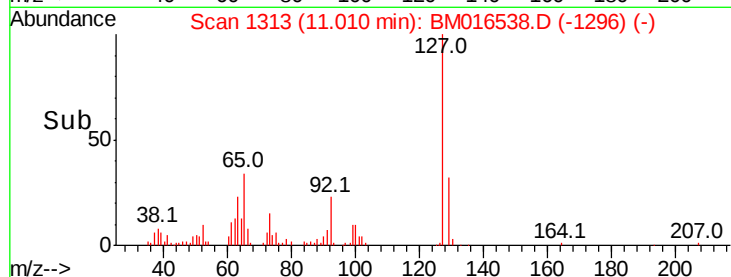
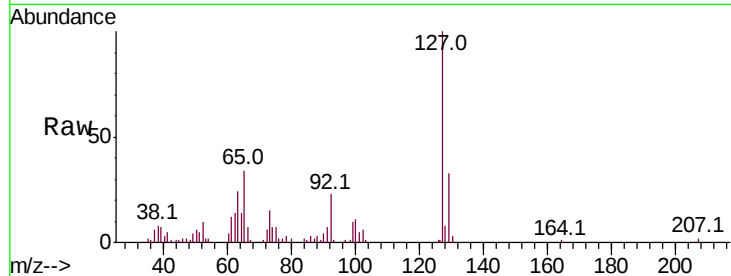
#33
4-Chloroaniline
Concen: 13.485 ng
RT: 11.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	33.7	17.6	26.4
92	22.9	13.1	19.7

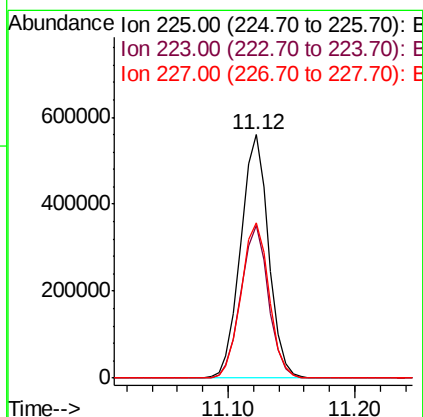
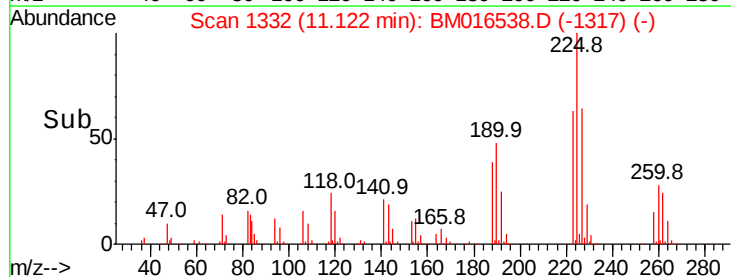
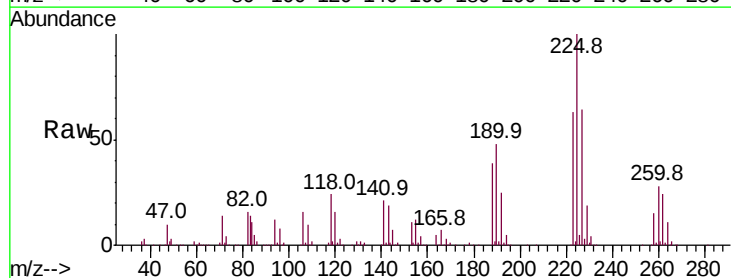
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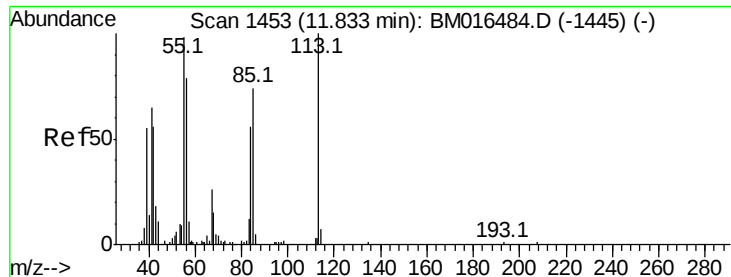
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#34
Hexachlorobutadiene
Concen: 53.467 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.9	71.9
227	63.6	50.1	75.1





#35

Caprolactam

Concen: 37.739 ng/mL

RT: 11.83 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

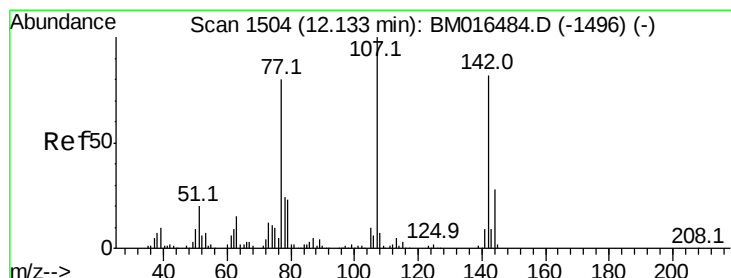
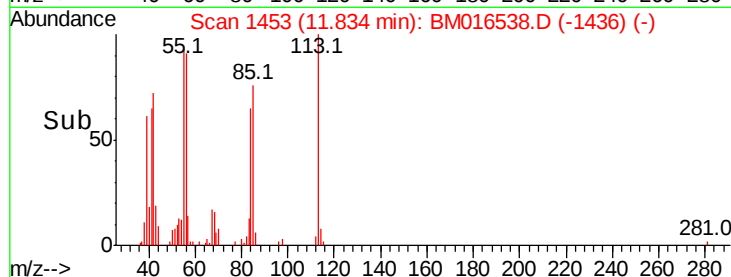
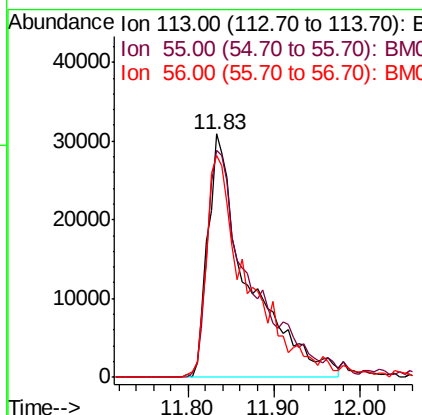
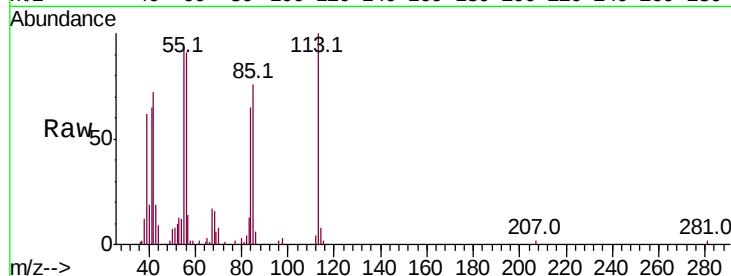
ClientSampleId :

PB112247BS

Tot Ion:	113	Resp:	99745
Ion Ratio	Lower	Upper	
113	100		
55	93.0	145.9	185.9#
56	90.9	101.0	141.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 43.263 ng/mL

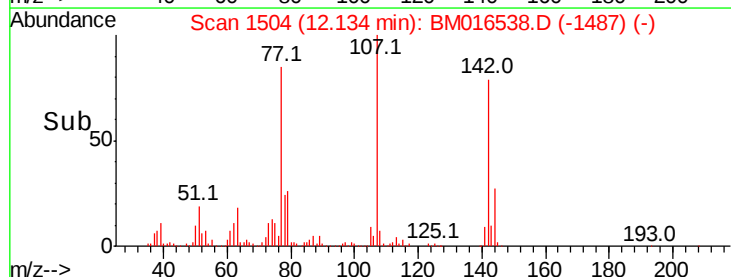
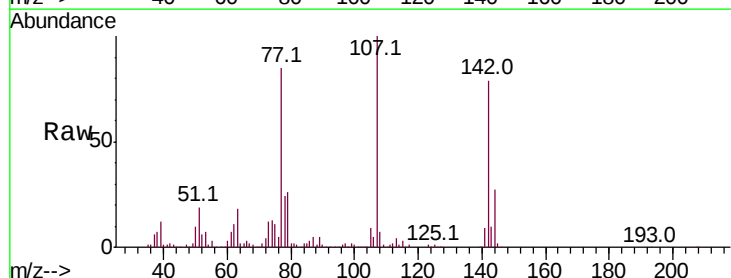
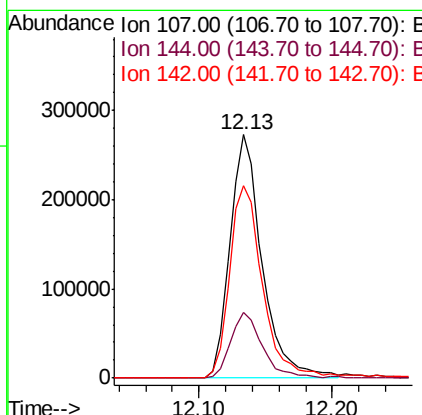
RT: 12.13 min Scan# 1504

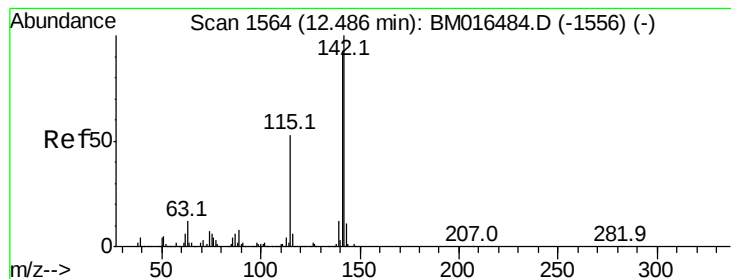
Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:	107	Resp:	458117
Ion Ratio	Lower	Upper	
107	100		
144	26.8	23.3	34.9
142	79.2	72.6	109.0





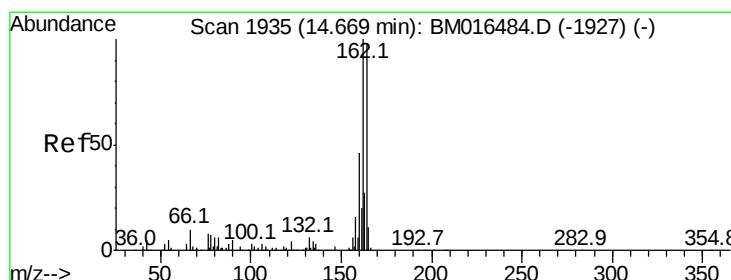
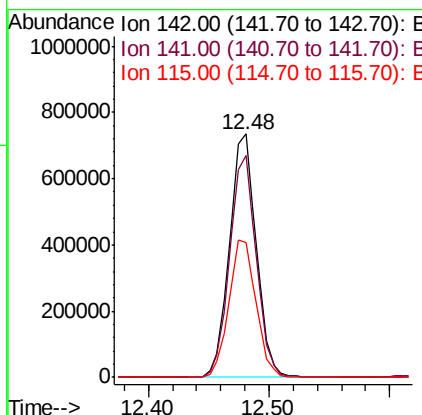
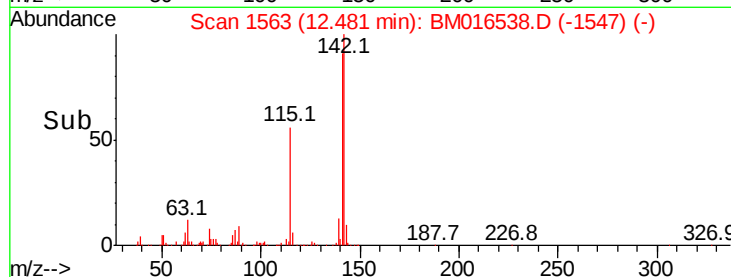
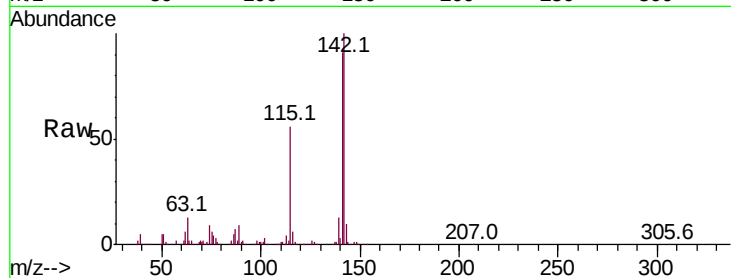
#37
 2-Methylnaphthalene
 Concen: 50.490 ng
 RT: 12.48 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_M
 ClientSampleID :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	55.6	25.4	38.0

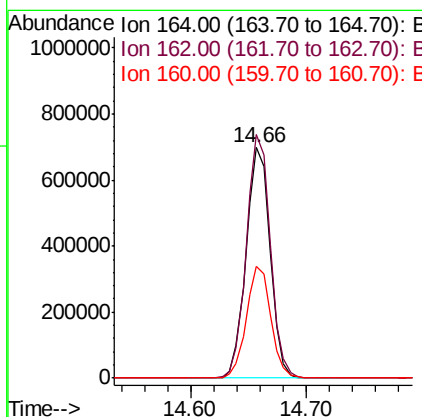
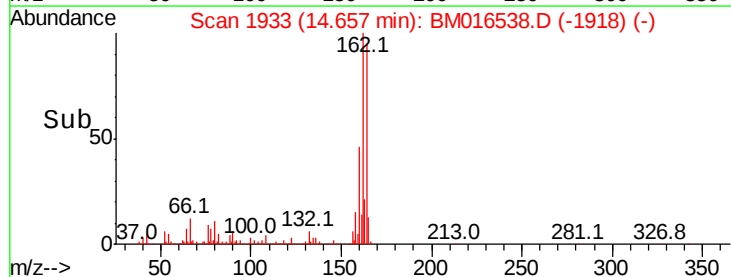
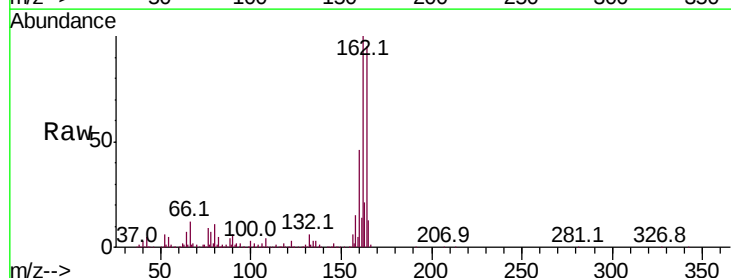
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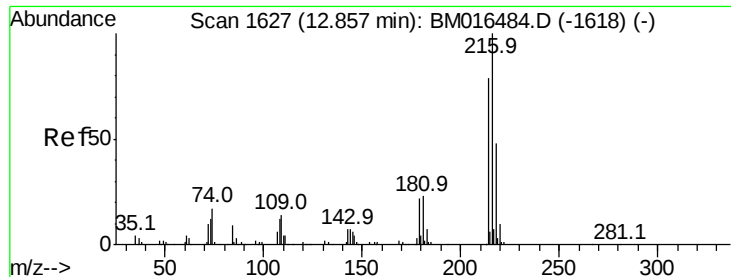
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#38
 Acenaphthene-d10
 Concen: 40.000 ng
 RT: 14.66 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	48.5	35.8	53.6





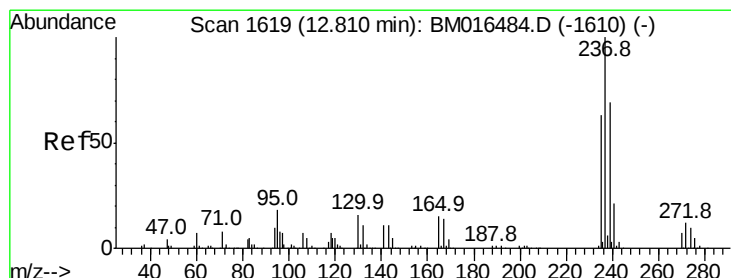
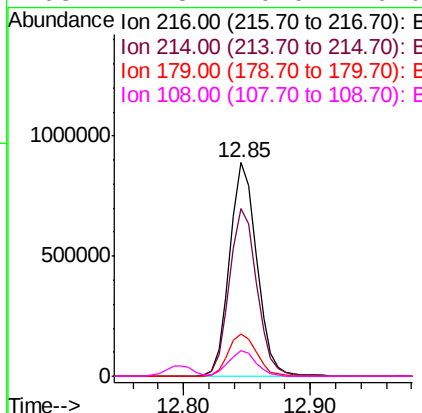
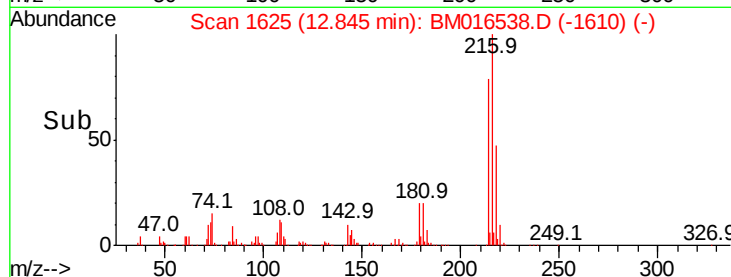
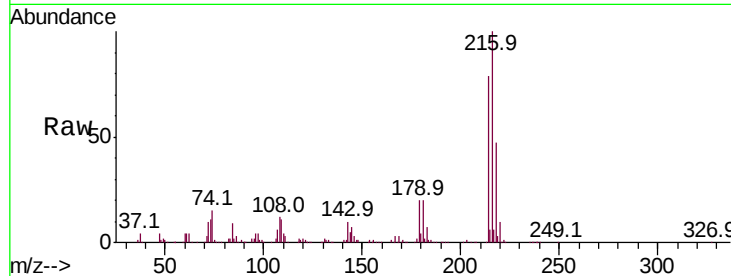
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.374 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	1322521		
214	79.1	0.0	0.0	0.0
179	20.6	0.0	0.0	0.0
108	11.8	0.0	0.0	0.0

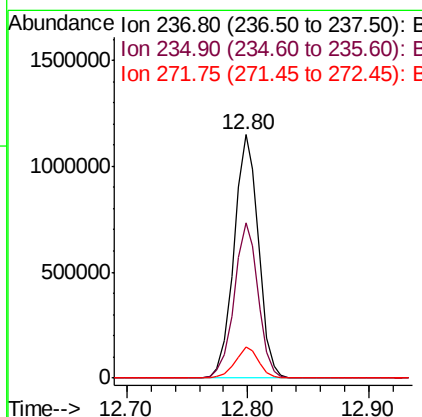
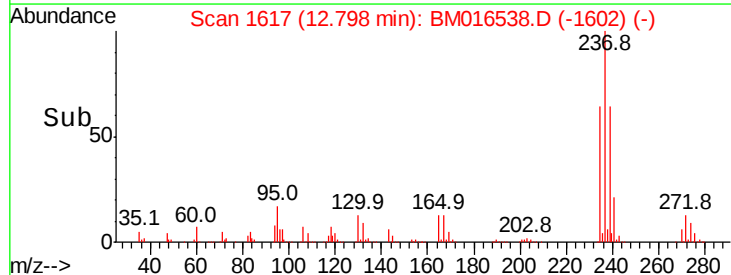
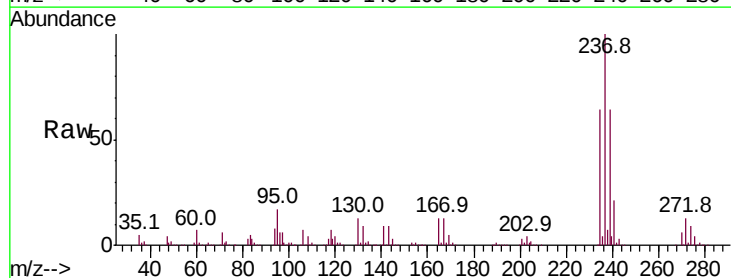
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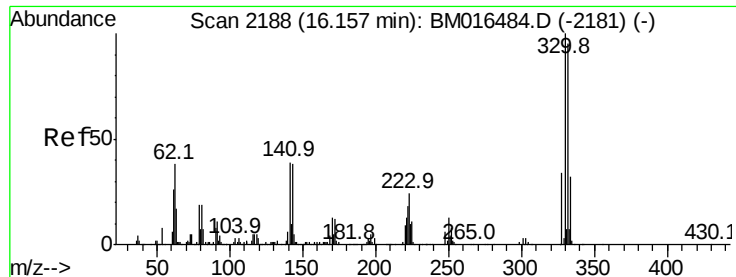
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#40
 Hexachlorocyclopentadiene
 Concen: 133.265 ng
 RT: 12.80 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1611073		
235	63.8	42.0	82.0	
272	12.7	0.0	33.4	





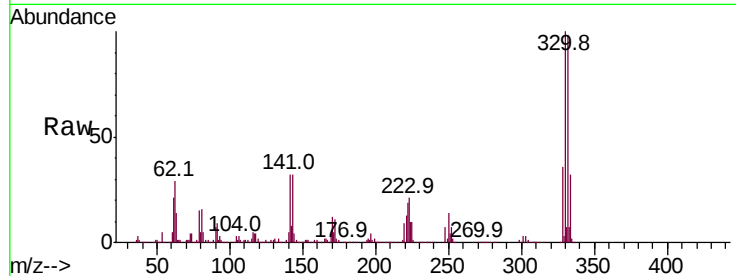
#41
2,4,6-Tribromophenol
Concen: 160.626 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

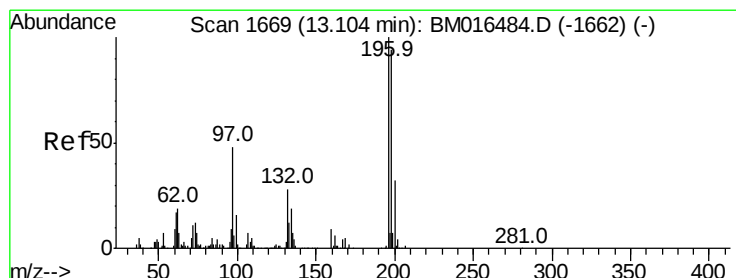
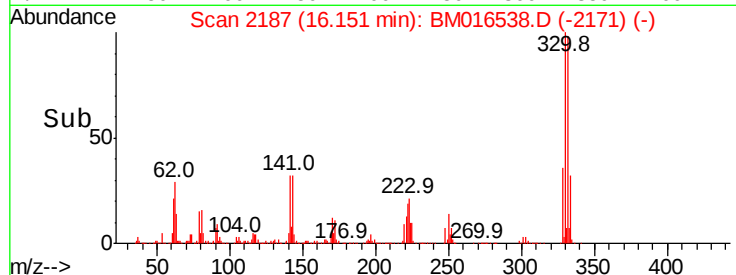
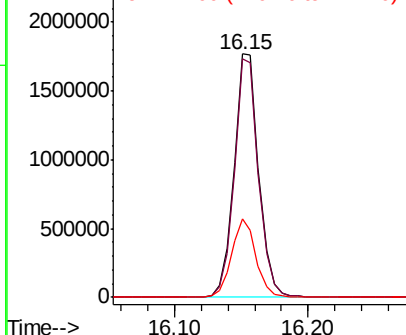
Tot Ion	Ratio	Resp	Lower	Upper
330	100	2267337		
332	96.3	0.0	0.0	0.0
141	32.2	0.0	0.0	0.0

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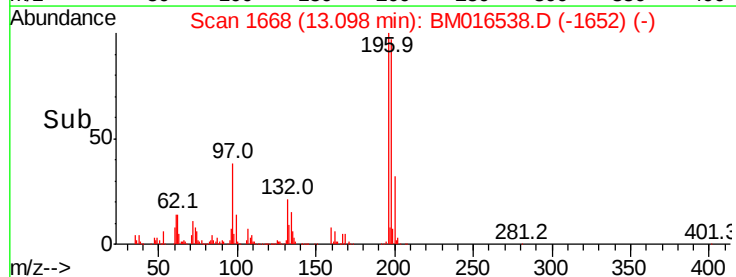
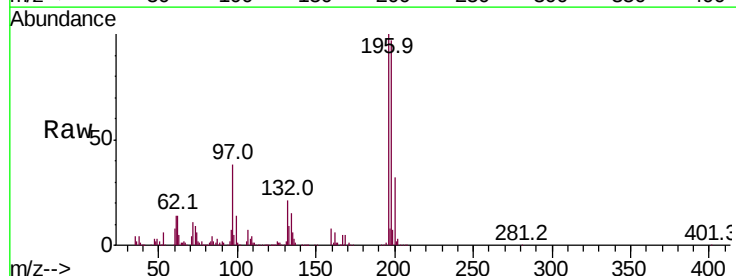
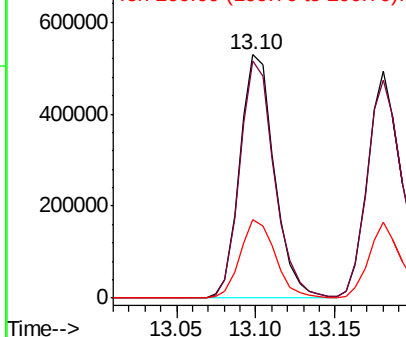
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

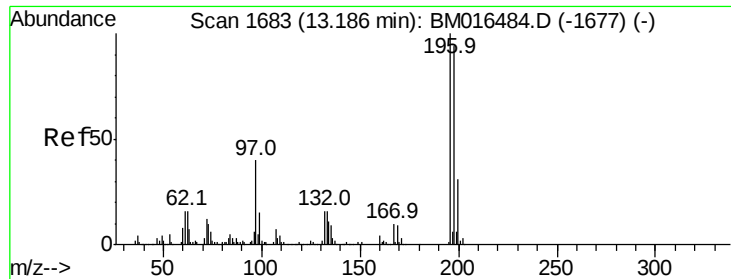


#42
2,4,6-Trichlorophenol
Concen: 47.204 ng
RT: 13.10 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	805007		
198	97.3	76.3	114.5	
200	32.0	25.6	38.4	

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





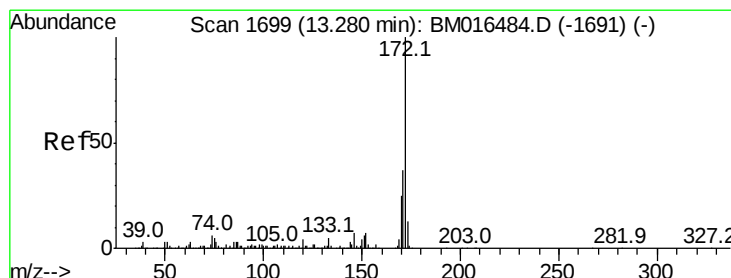
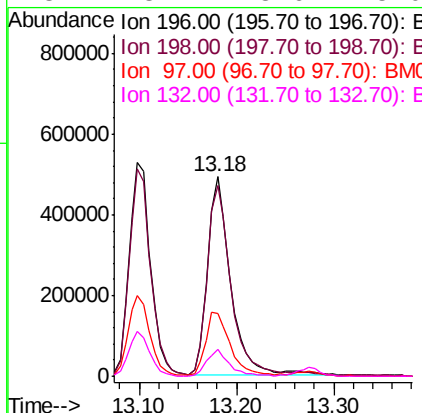
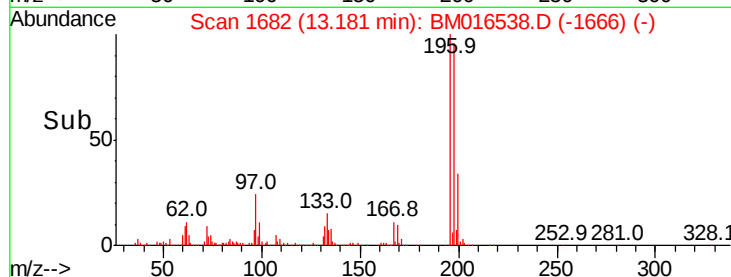
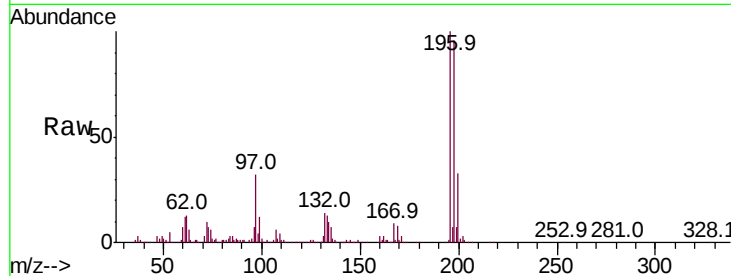
#43
2,4,5-Trichlorophenol
Concen: 48.674 ng m
RT: 13.18 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	810831		
198	96.1	79.4	119.0	
97	31.7	26.8	40.2	
132	13.7	18.6	28.0	

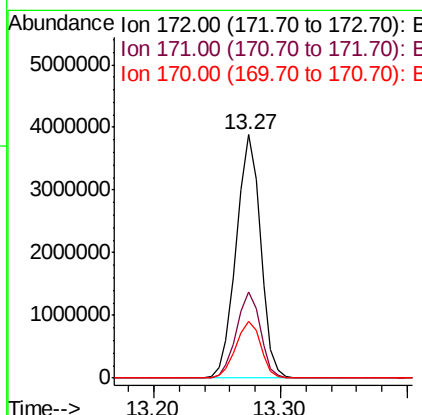
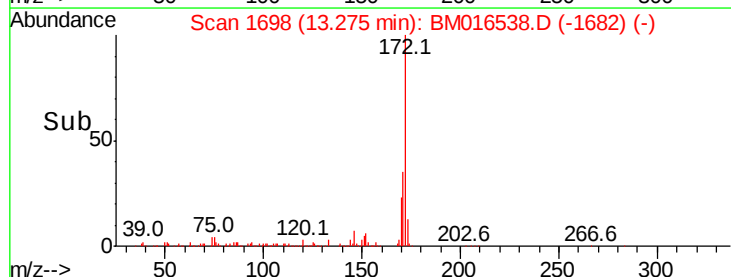
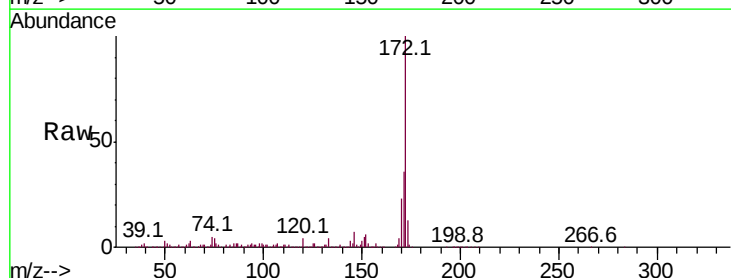
Manual Integrations
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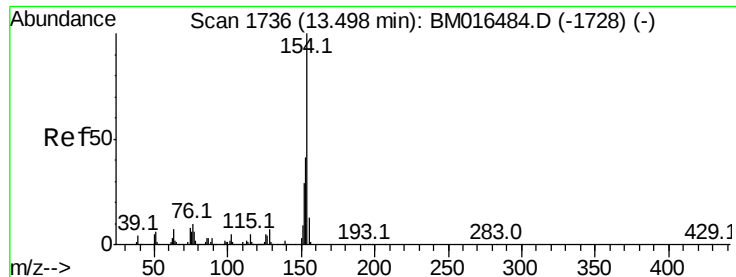
Sohil
8/23/2018 6:39:24 PM



#44
2-Fluorobiphenyl
Concen: 97.977 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	5146960		
171	35.5	28.5	42.7	
170	23.5	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 38.180 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:154 Resp: 1690470

Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

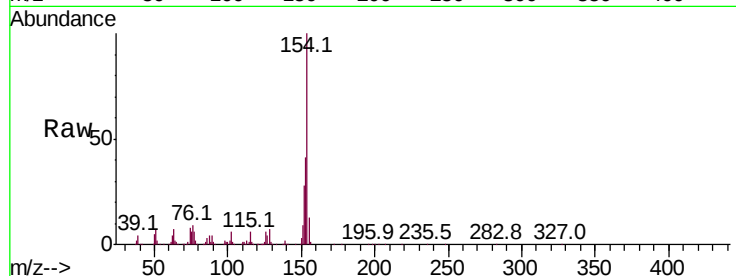
76 8.5 0.0 30.9

Manual Integrations

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Sohil

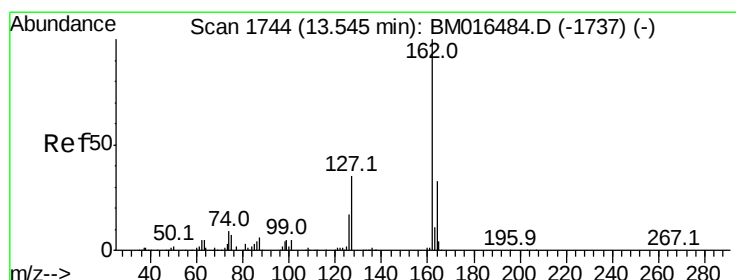
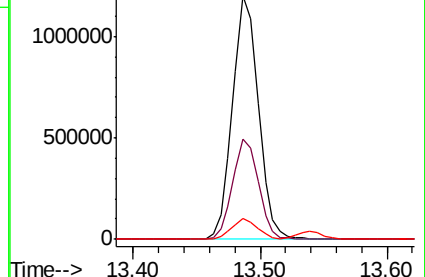
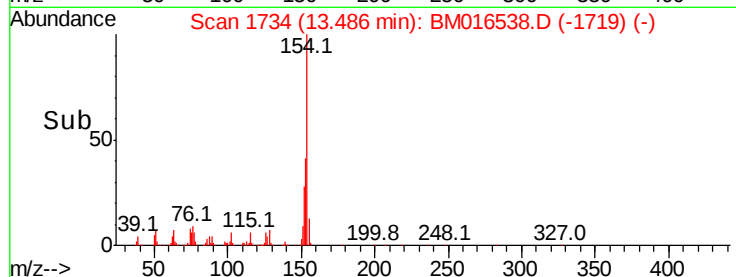
8/23/2018 6:39:24 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 39.557 ng

RT: 13.54 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

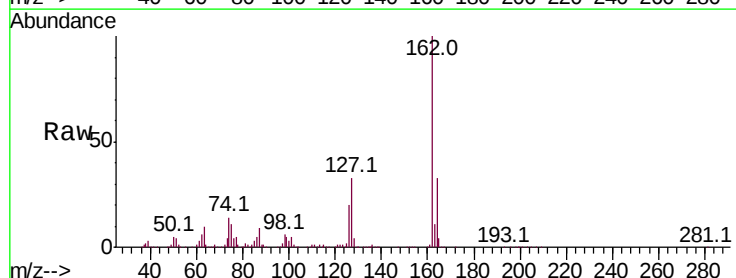
Tgt Ion:162 Resp: 1422934

Ion Ratio Lower Upper

162 100

127 33.4 26.9 40.3

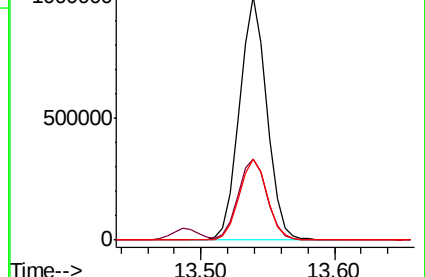
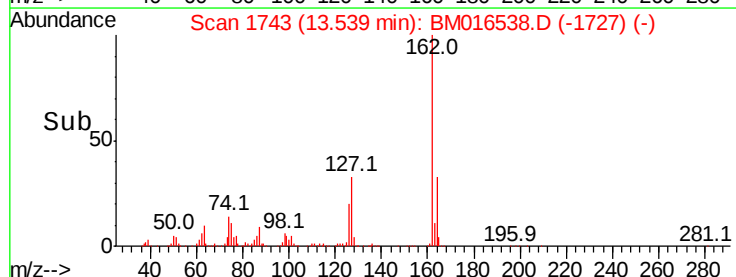
164 33.4 26.8 40.2

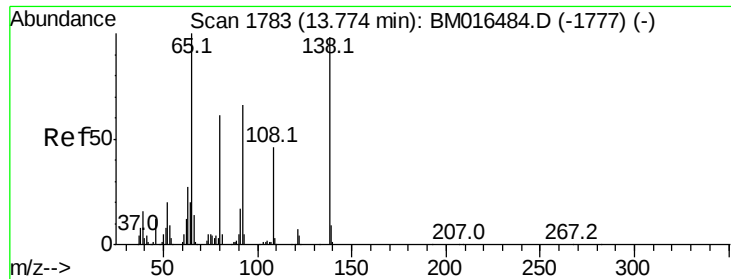


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.362 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

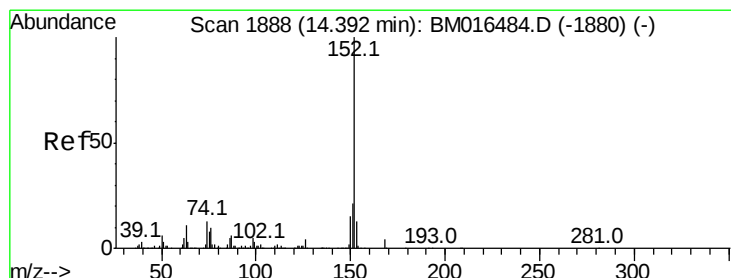
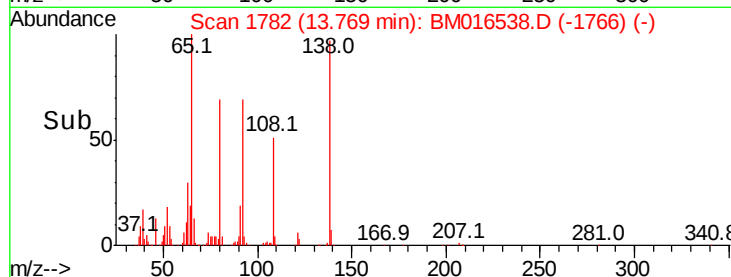
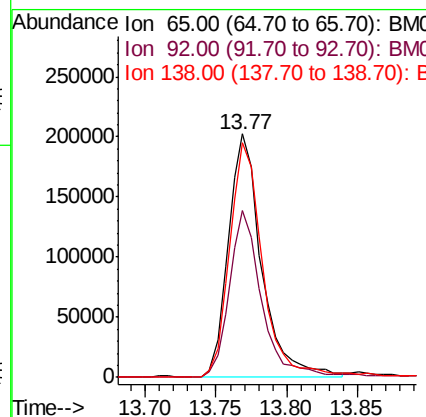
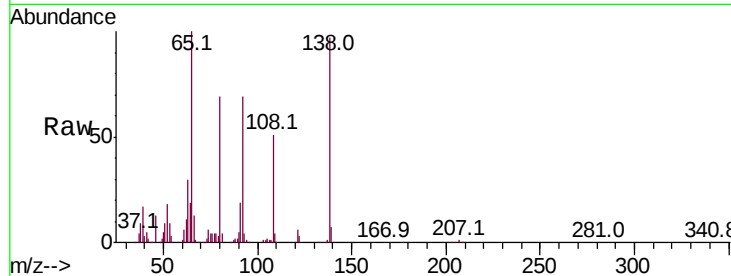
ClientSampleId :

PB112247BS

Tot Ion:	65	Resp:	329235
Ion Ratio	Lower	Upper	
65	100		
92	68.8	59.1	88.7
138	96.5	93.9	140.9

Manual Integrations
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#48

Acenaphthylene

Concen: 41.196 ng

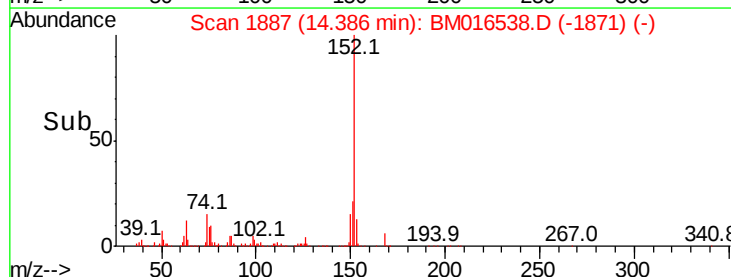
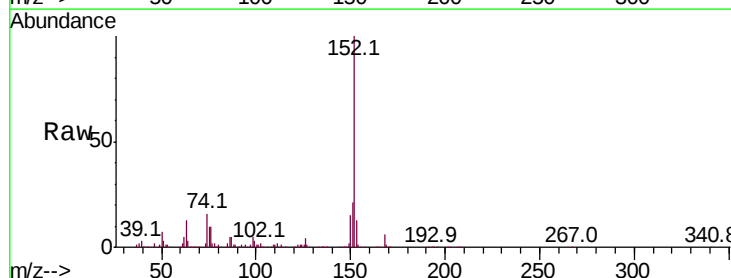
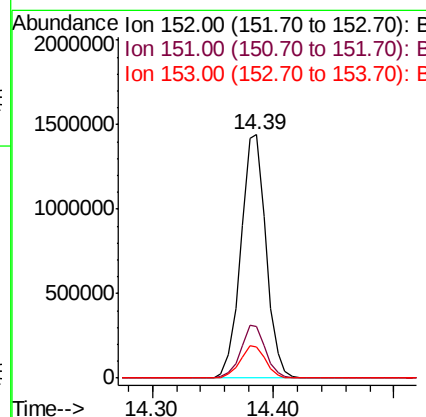
RT: 14.39 min Scan# 1887

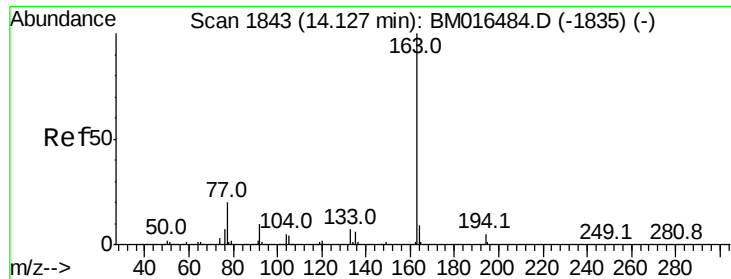
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:	152	Resp:	2091796
Ion Ratio	Lower	Upper	
152	100		
151	21.4	15.9	23.9
153	12.7	10.6	16.0





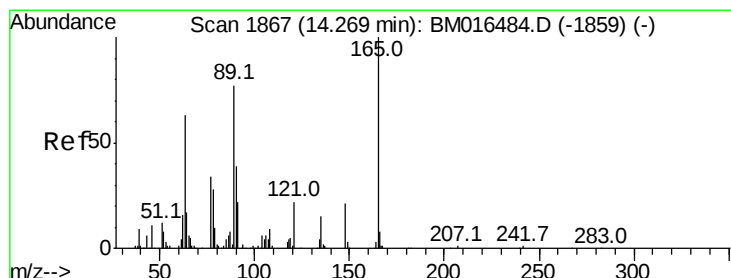
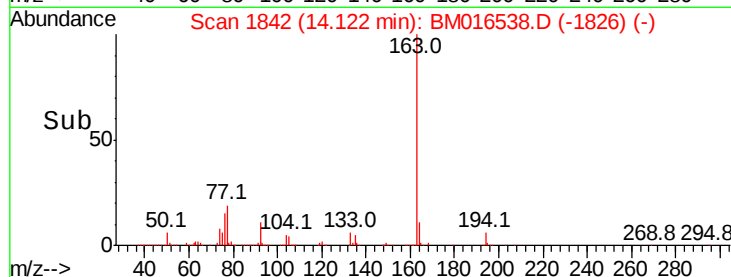
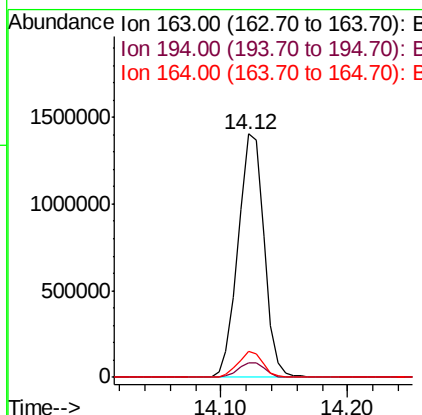
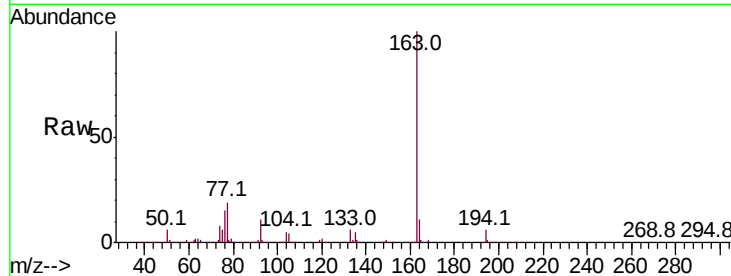
#49
Dimethylphthalate
Concen: 41.036 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.1	2.7	4.1#
164	10.8	8.2	12.2

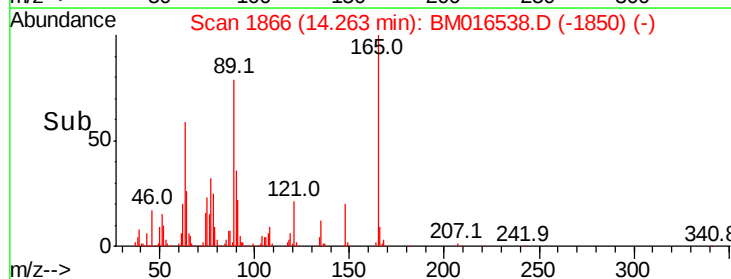
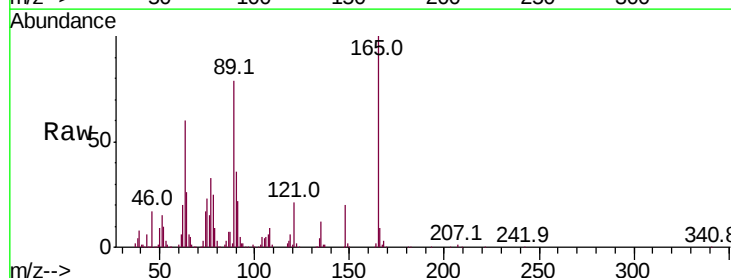
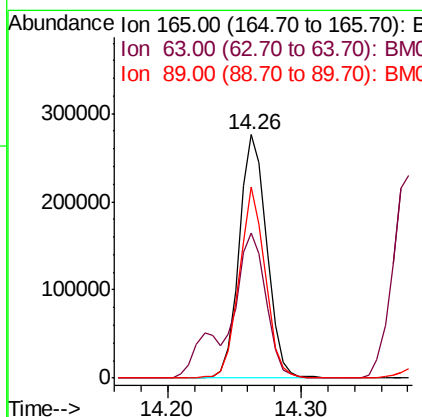
Manual Integrations
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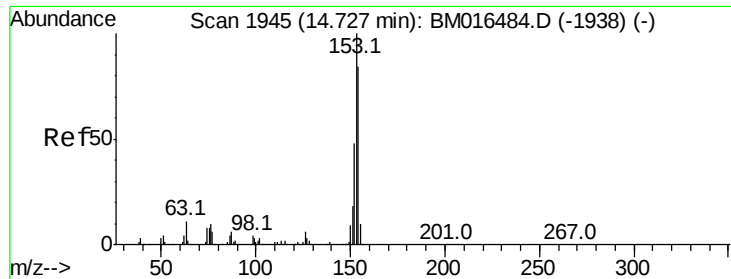
Sohil
8/23/2018 6:39:24 PM



#50
2,6-Dinitrotoluene
Concen: 41.460 ng
RT: 14.26 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.5	44.1	66.1
89	78.6	44.3	66.5#





#51

Acenaphthene

Concen: 39.701 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:154 Resp: 1238479

Ion Ratio Lower Upper

154 100

153 116.2 90.0 135.0

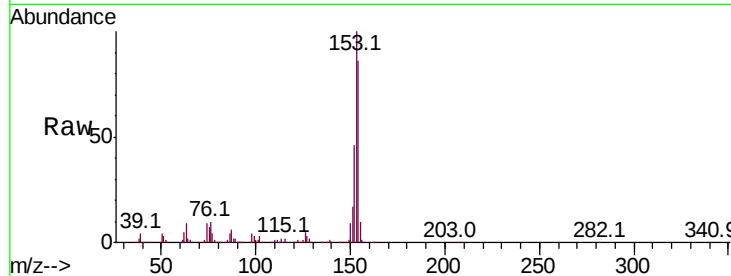
152 53.5 42.6 63.8

Manual Integrations

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Sohil

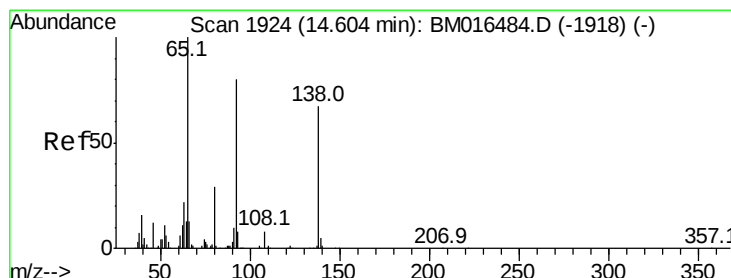
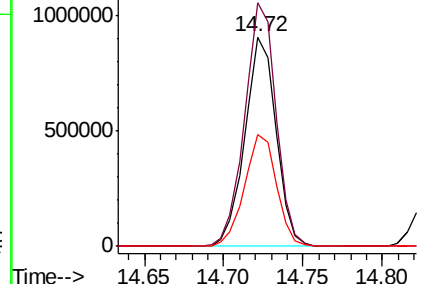
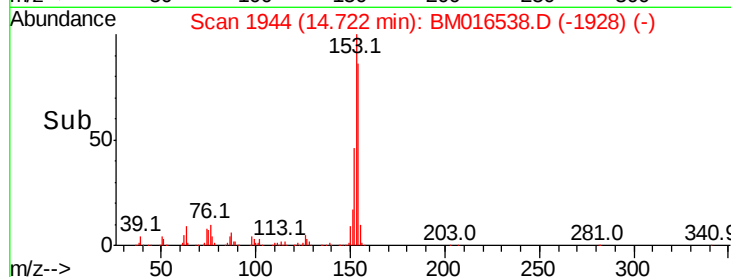
8/23/2018 6:39:24 PM



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: 16.453 ng

RT: 14.60 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

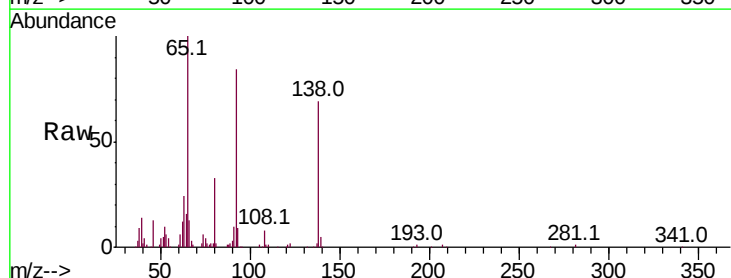
Tgt Ion:138 Resp: 141653

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9

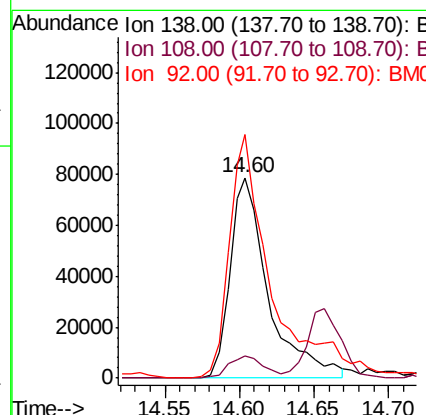
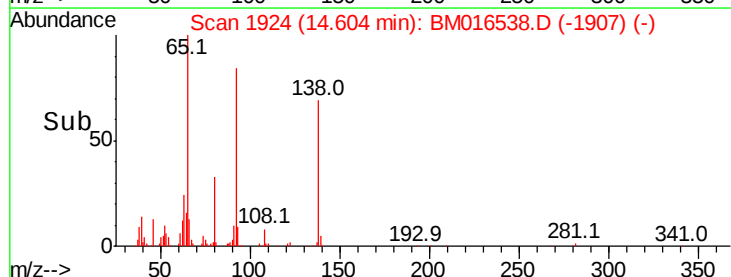
92 121.4 76.6 114.8#

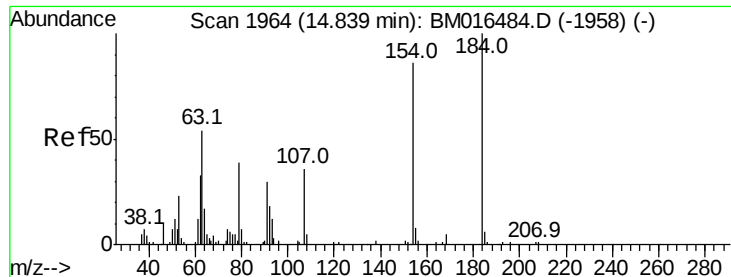


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





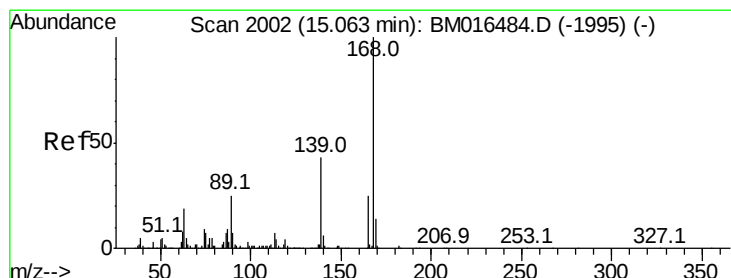
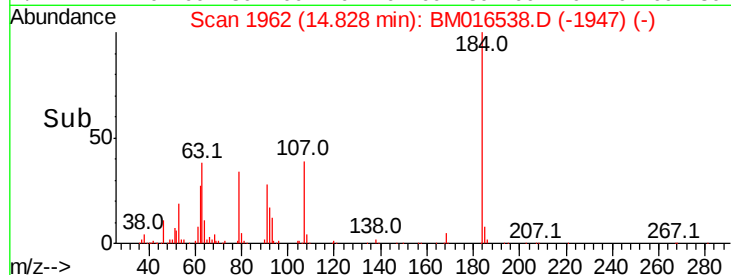
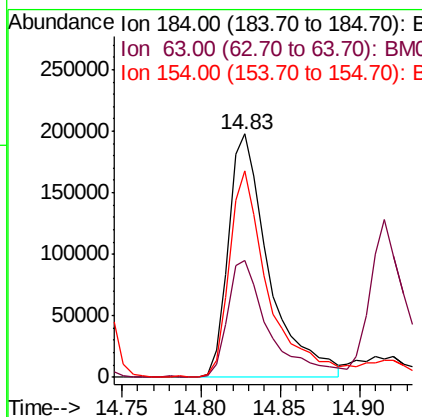
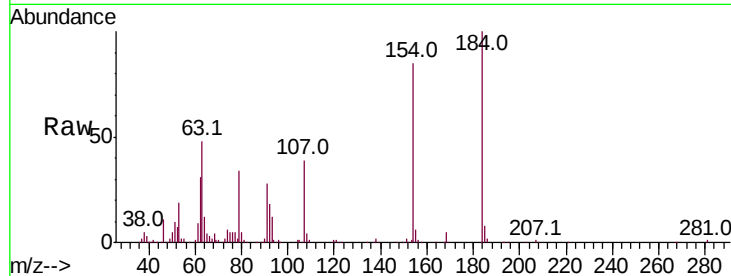
#53
2,4-Dinitrophenol
Concen: 73.949 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	48.1	69.2	103.8#	
154	84.9	53.3	79.9#	

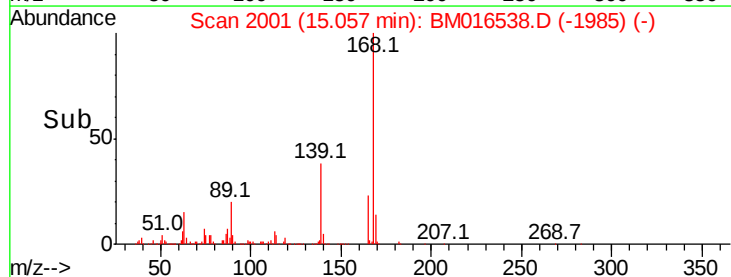
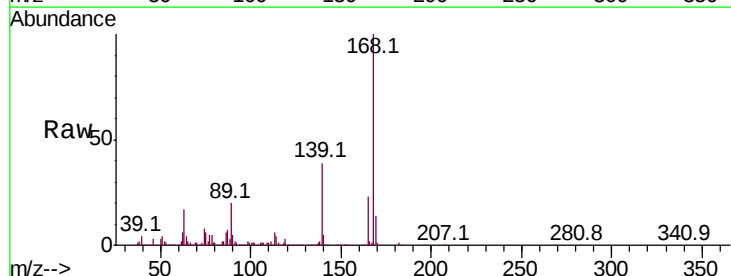
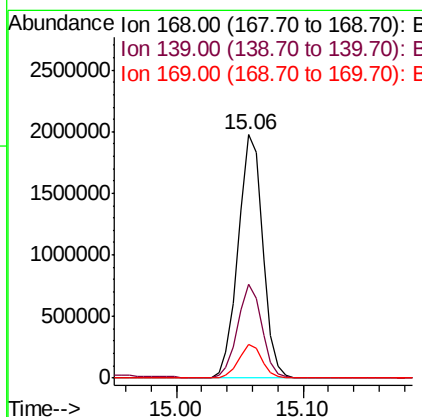
Manual Integrations
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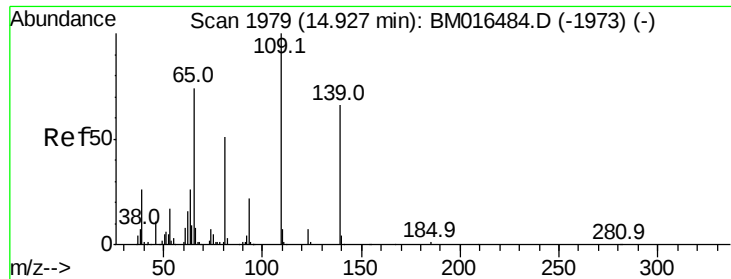
Sohil
8/23/2018 6:39:24 PM



#54
Dibenzofuran
Concen: 44.239 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	27.3	40.9	
169	14.1	10.6	16.0	





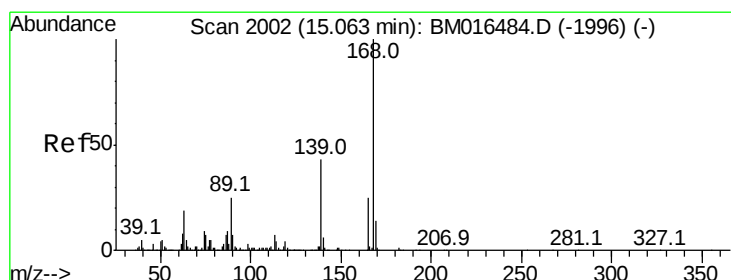
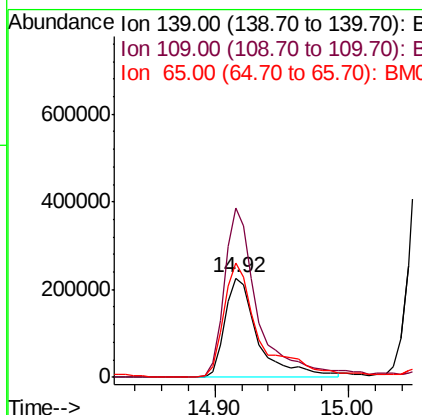
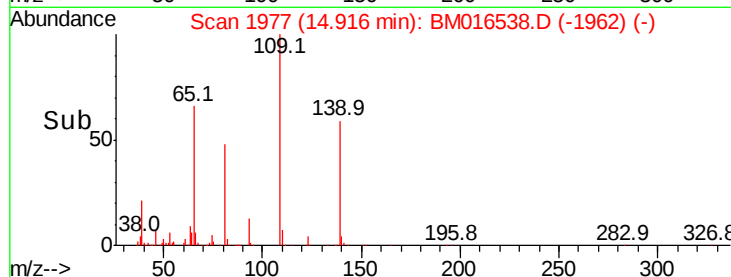
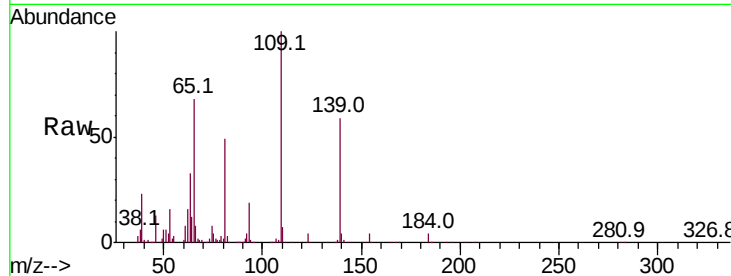
#55
4-Nitrophenol
Concen: 72.748 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	170.6	130.0	170.0#	
65	115.4	130.0	170.0#	

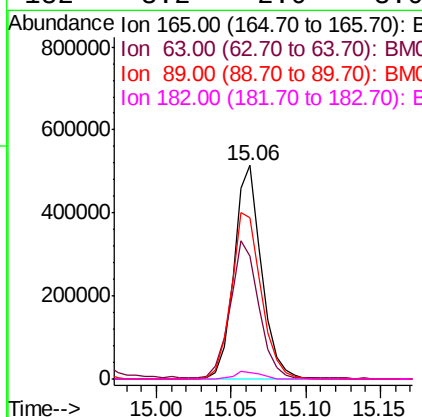
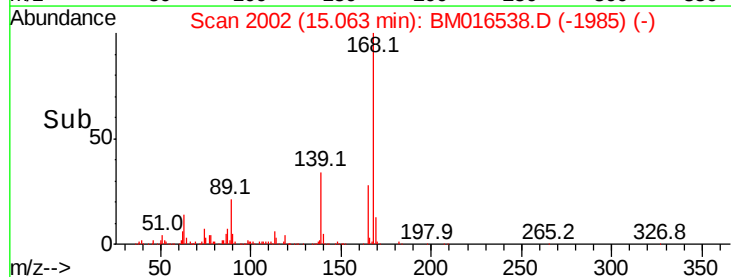
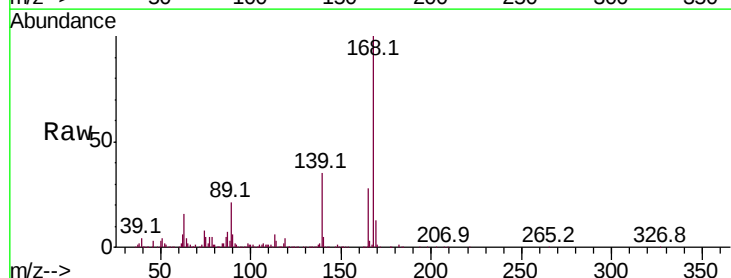
Manual Integrations
APPROVED

Sohil
8/23/2018 6:39:24 PM



#56
2,4-Dinitrotoluene
Concen: 41.677 ng
RT: 15.06 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.3	52.4	78.6	
89	75.3	72.4	108.6	
182	3.2	2.0	3.0#	





#57

Fluorene

Concen: 46.996 ng

RT: 15.70 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:166 Resp: 2120106

Ion Ratio Lower Upper

166 100

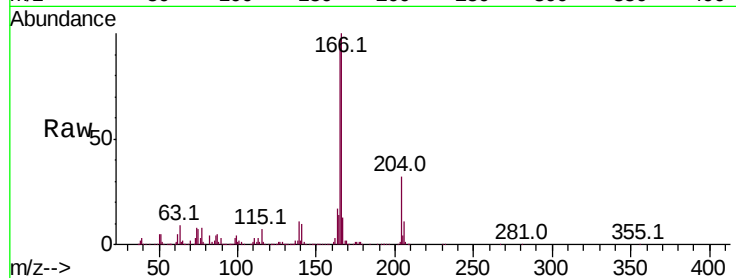
165 97.5 79.0 118.4

167 13.5 10.3 15.5

Manual Integrations
APPROVED

Sohil

8/23/2018 6:39:24 PM

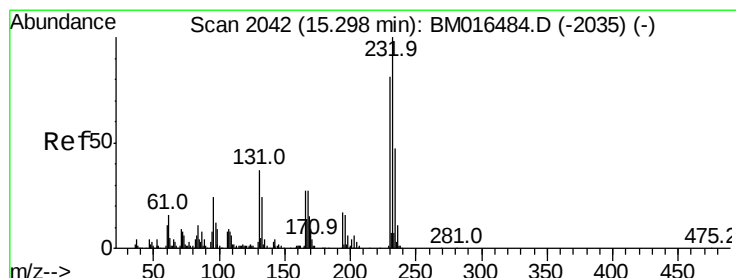
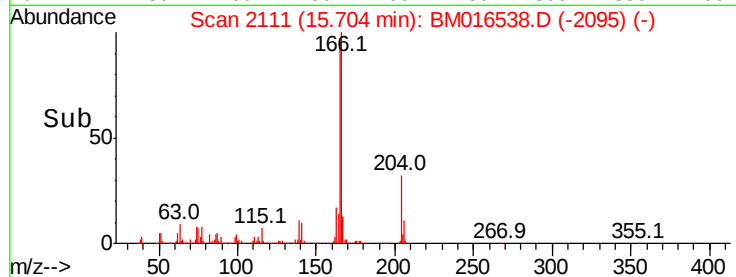
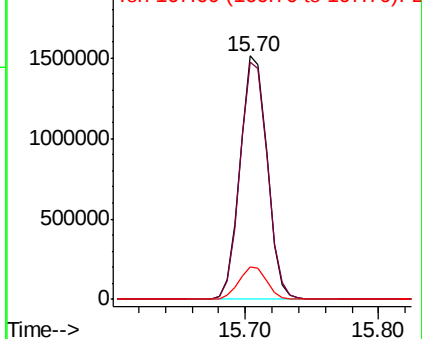


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.608 ng

RT: 15.29 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion:232 Resp: 778264

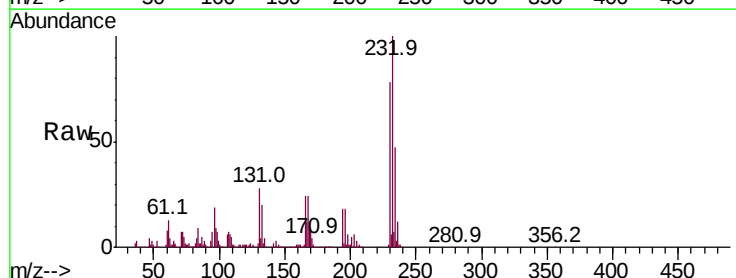
Ion Ratio Lower Upper

232 100

131 29.7 0.0 0.0#

130 2.3 0.0 0.0#

166 24.6 0.0 0.0#



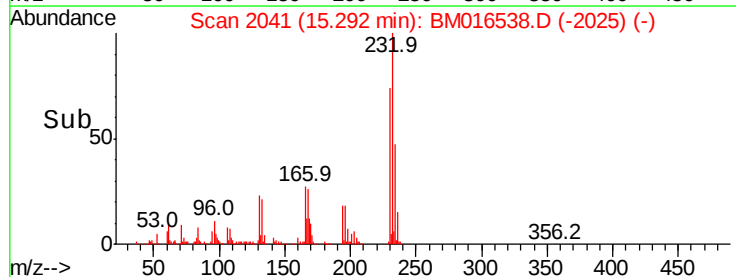
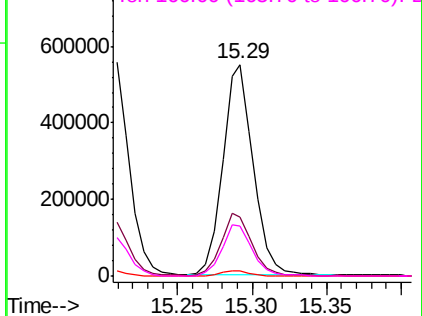
Abundance

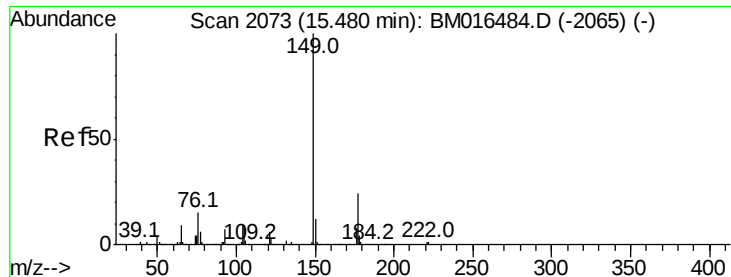
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





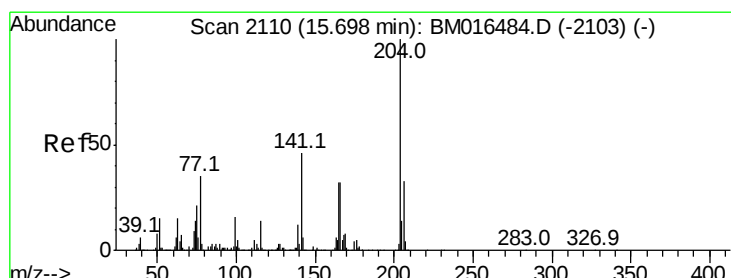
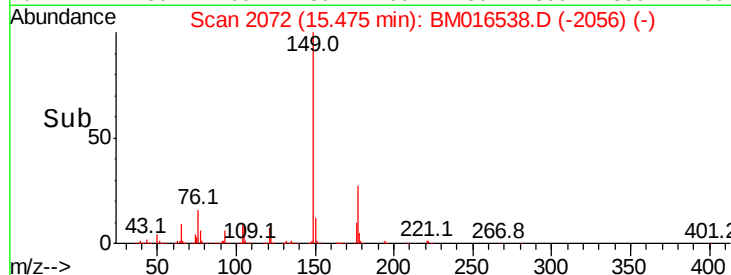
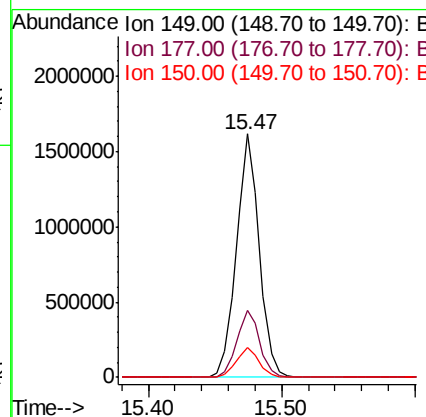
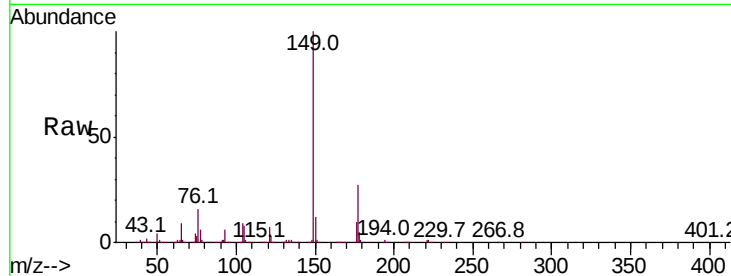
#59
Diethylphthalate
Concen: 38.023 ng
RT: 15.47 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.3	18.3	27.5
150	12.2	9.8	14.8

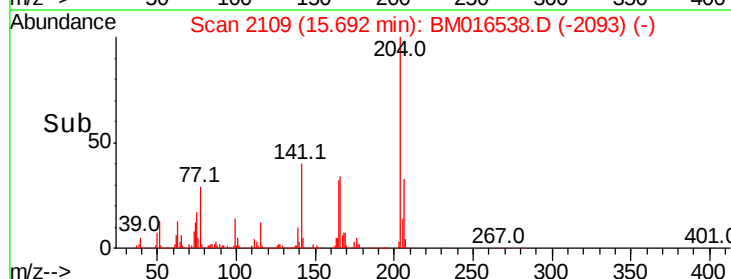
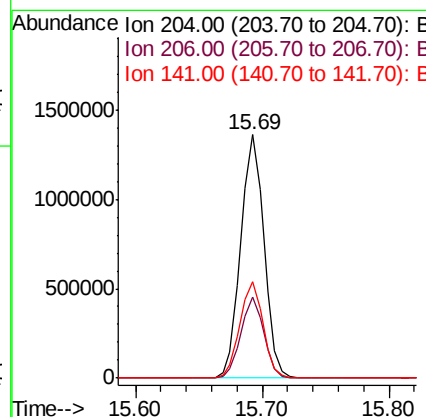
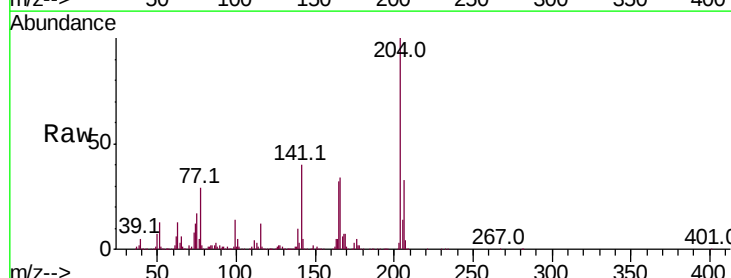
Manual Integrations
APPROVED

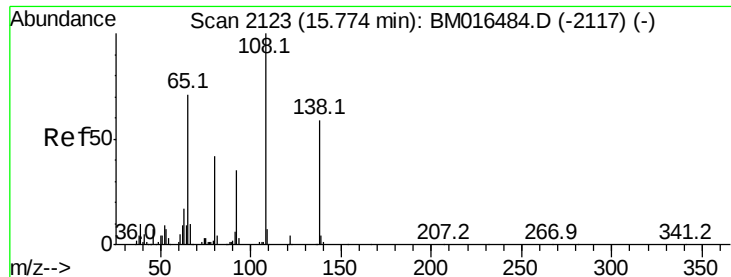
Sohil
8/23/2018 6:39:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.465 ng
RT: 15.69 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	39.5	45.2	67.8#





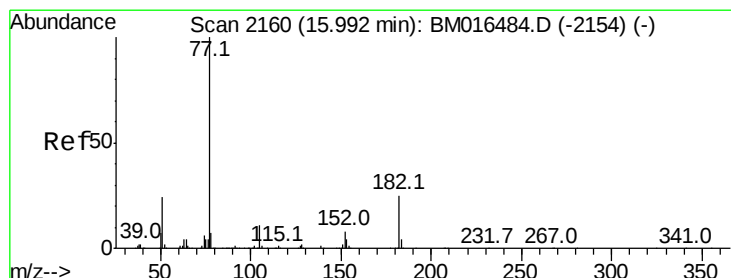
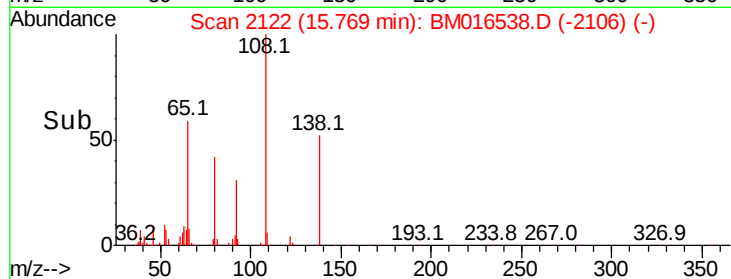
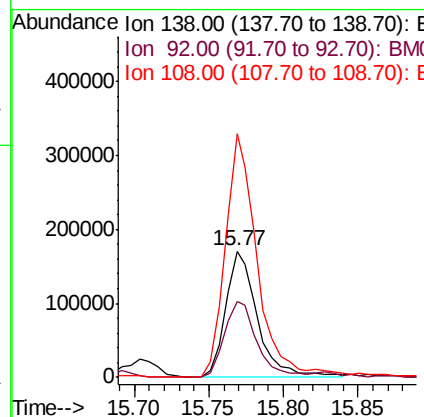
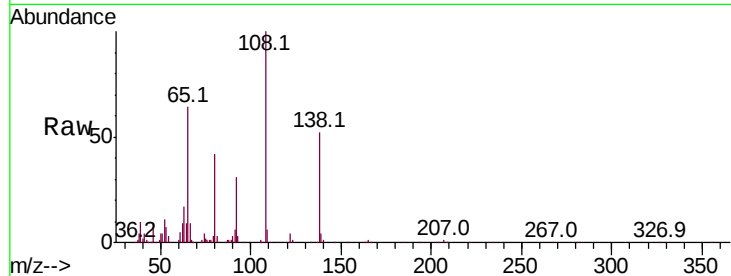
#61
4-Nitroaniline
Concen: 30.415 ng
RT: 15.77 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.6	16.7	56.7#
108	192.9	37.6	77.6#

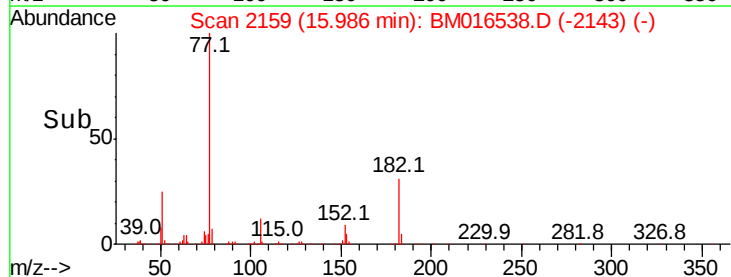
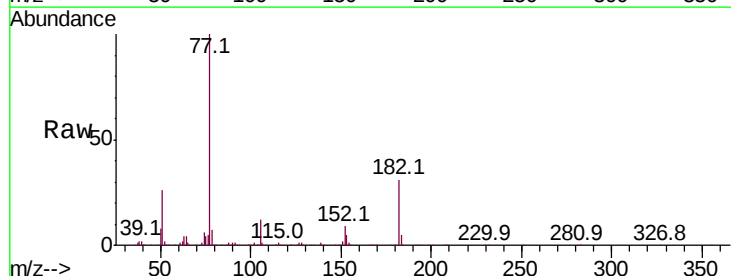
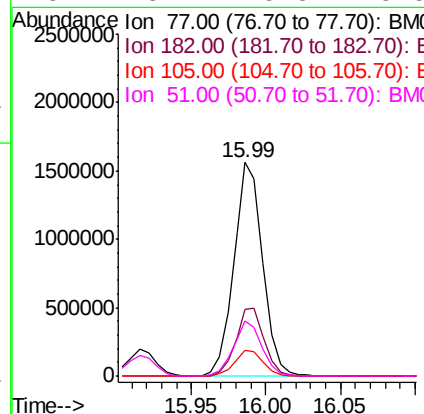
Manual Integrations
APPROVED

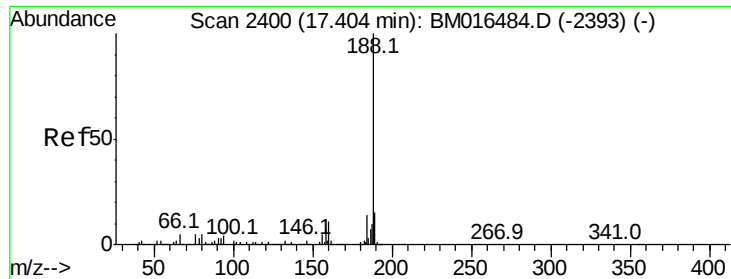
Sohil
8/23/2018 6:39:24 PM



#62
Azobenzene
Concen: 38.619 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	6.5	46.5
105	12.2	3.8	43.8
51	25.7	5.5	45.5





#63

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.40 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:188 Resp: 3236379

Ion Ratio Lower Upper

188 100

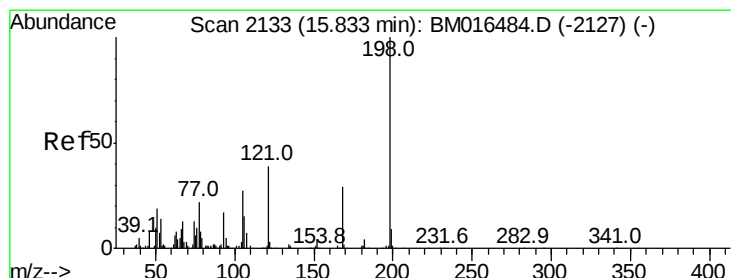
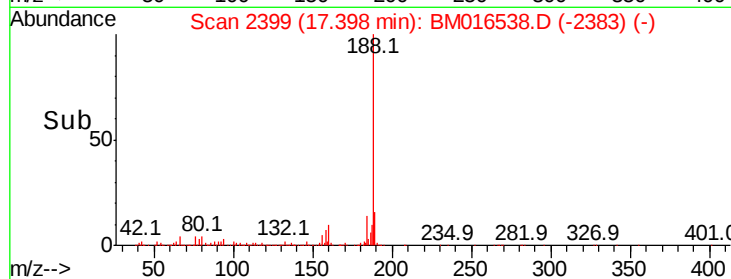
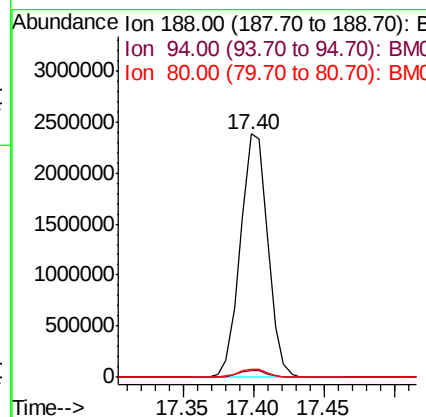
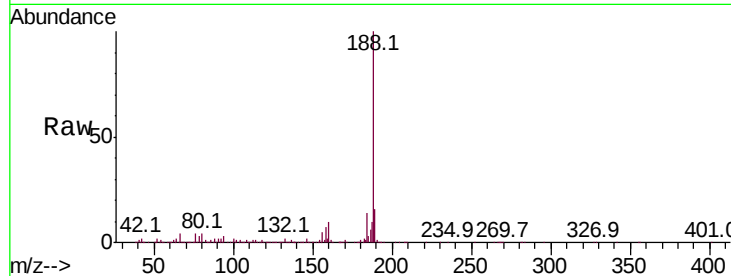
94 2.9 8.7 13.1#

80 3.6 9.3 13.9#

Manual Integrations
APPROVED

Sohil

8/23/2018 6:39:24 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 30.990 ng

RT: 15.83 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

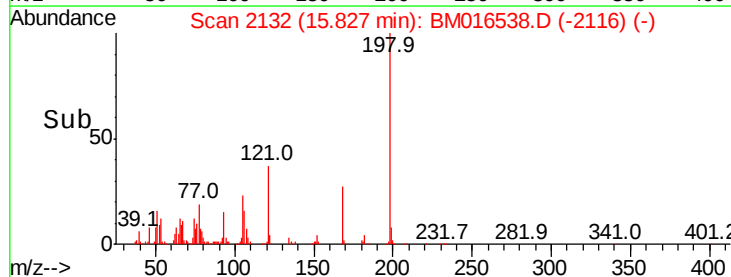
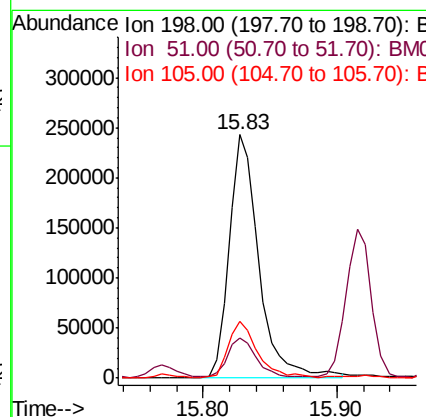
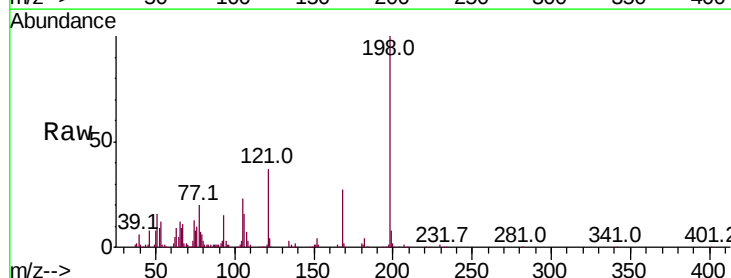
Tgt Ion:198 Resp: 381038

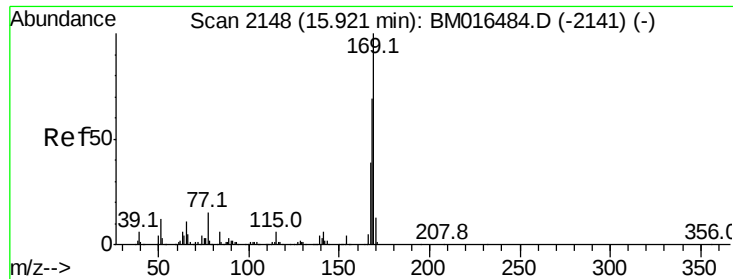
Ion Ratio Lower Upper

198 100

51 16.2 28.8 68.8#

105 23.4 30.5 70.5#





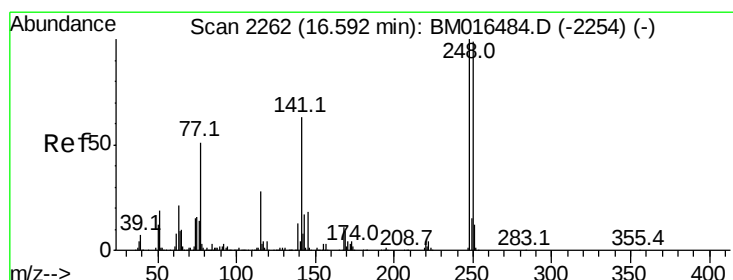
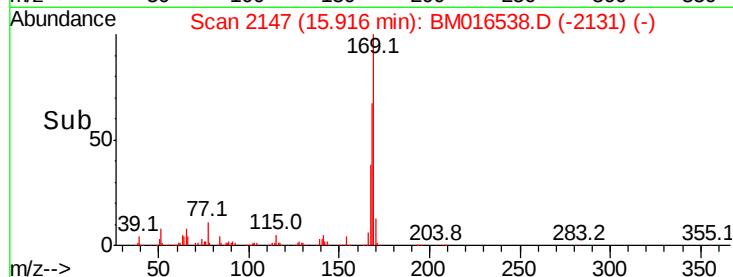
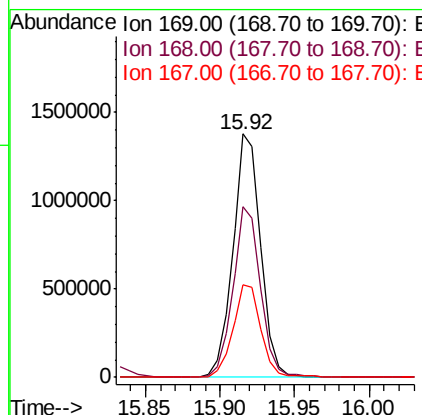
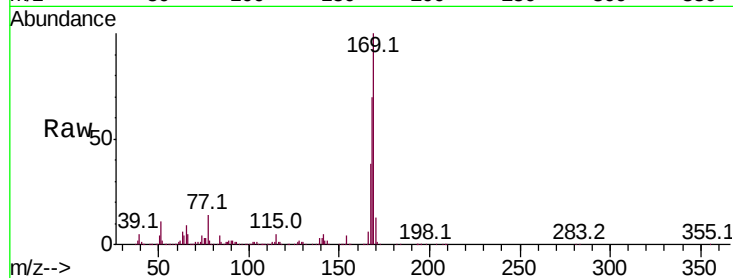
#65
n-Nitrosodiphenylamine
Concen: 39.326 ng
RT: 15.92 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.3	53.9	80.9
167	38.2	28.9	43.3

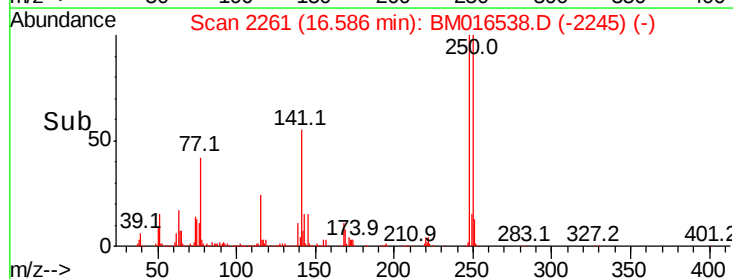
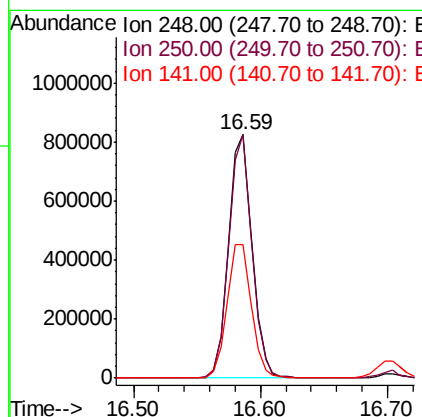
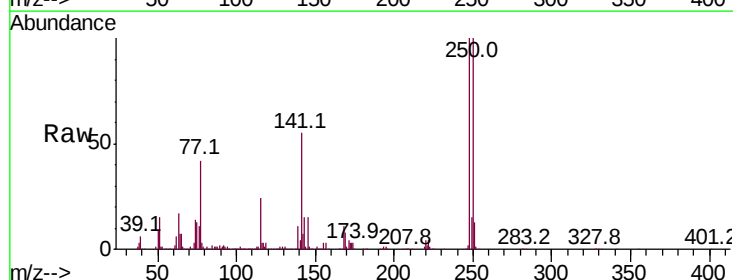
Manual Integrations
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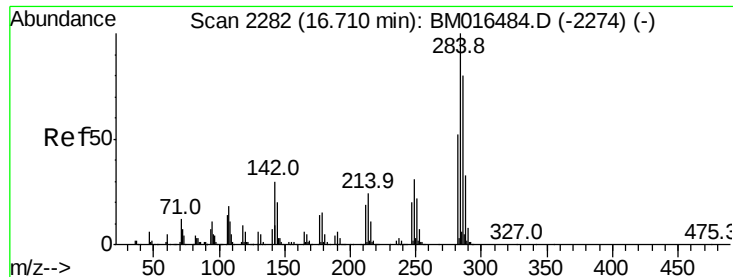
Sohil
8/23/2018 6:39:24 PM



#66
4-Bromophenyl-phenylether
Concen: 42.380 ng
RT: 16.59 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.4	116.0
141	54.7	45.2	67.8





#67

Hexachlorobenzene

Concen: 41.723 ng

RT: 16.70 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:284 Resp: 1209813

Ion Ratio Lower Upper

284 100

142 25.1 20.4 30.6

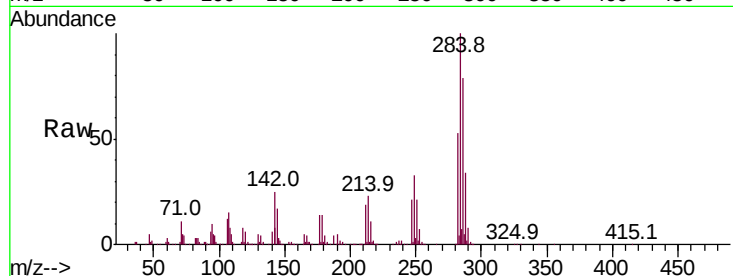
249 33.3 23.8 35.6

Manual Integrations

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Sohil

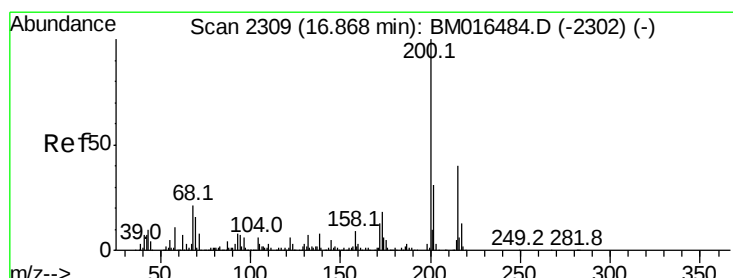
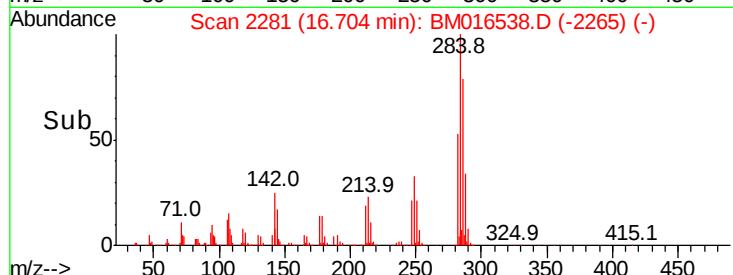
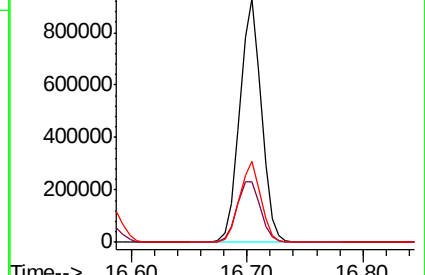
8/23/2018 6:39:24 PM



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: 47.098 ng

RT: 16.86 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

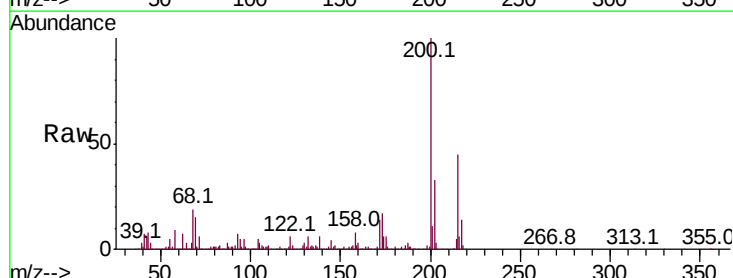
Tgt Ion:200 Resp: 978490

Ion Ratio Lower Upper

200 100

173 16.5 4.8 44.8

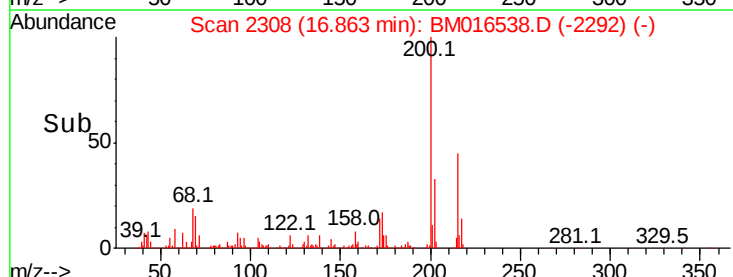
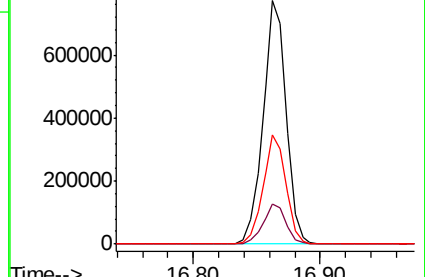
215 44.6 26.9 66.9

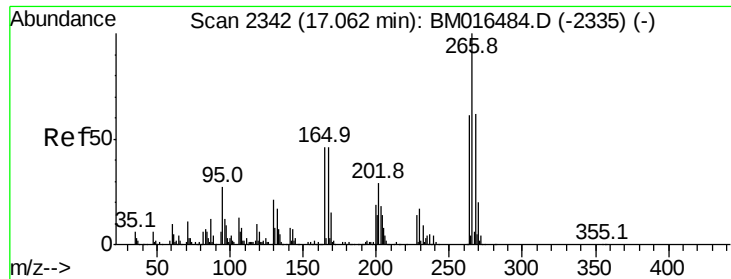


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





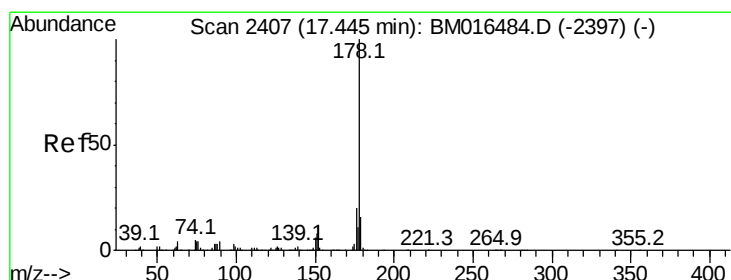
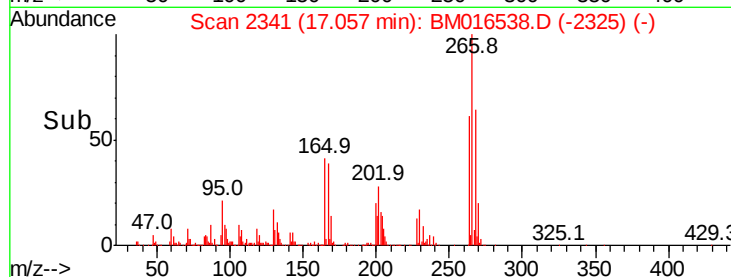
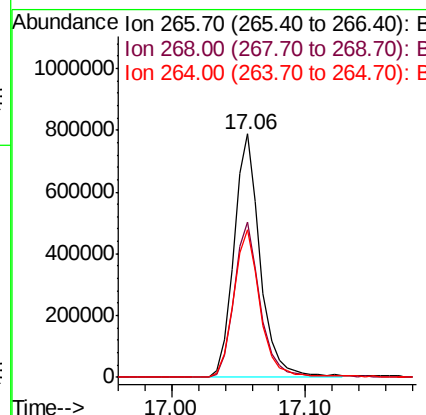
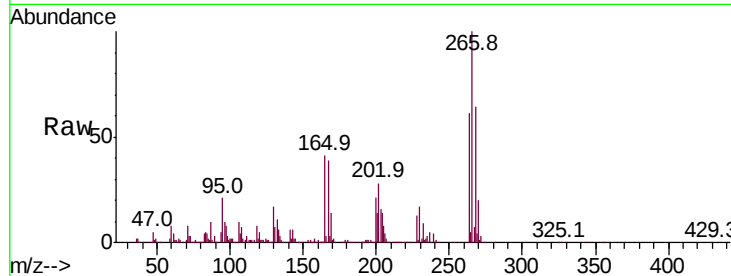
#69
 Pentachlorophenol
 Concen: 70.214 ng
 RT: 17.06 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.0	78.0
264	60.9	49.0	73.4

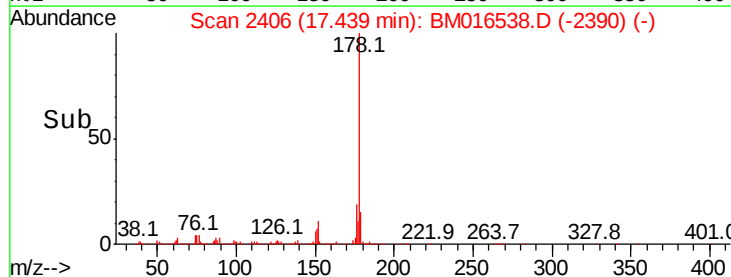
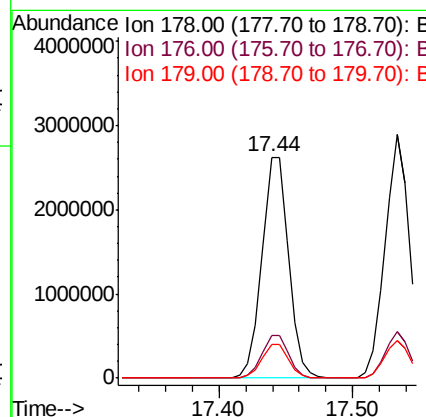
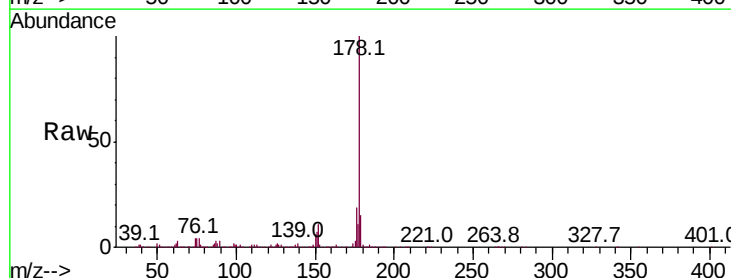
Manual Integrations
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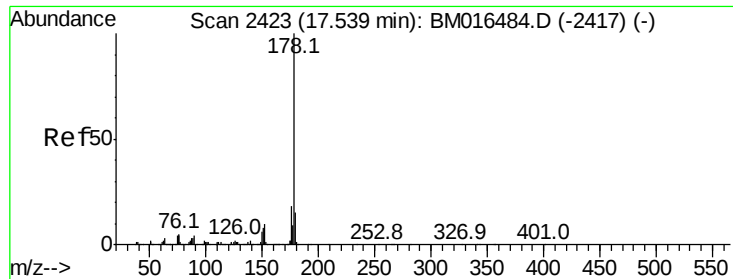
Sohil
 8/23/2018 6:39:24 PM



#70
 Phenanthrene
 Concen: 43.194 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.1	18.1





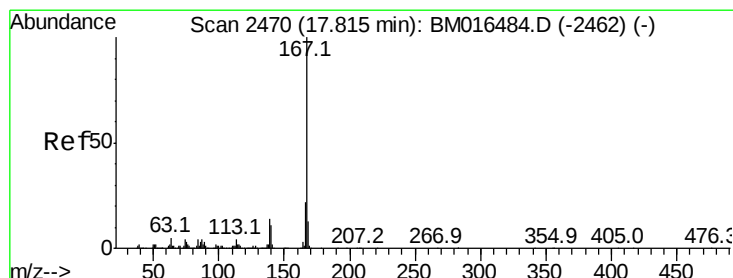
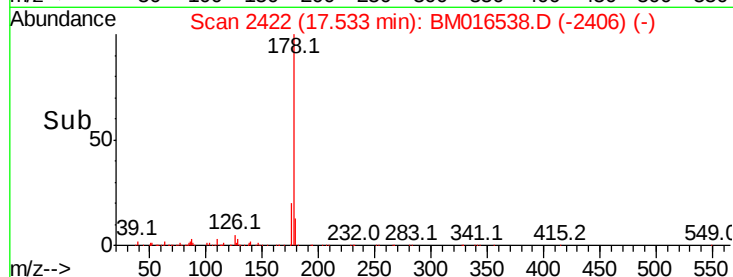
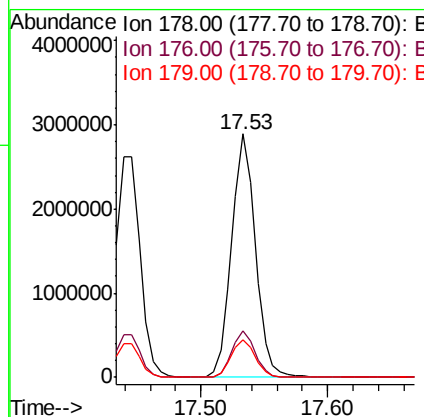
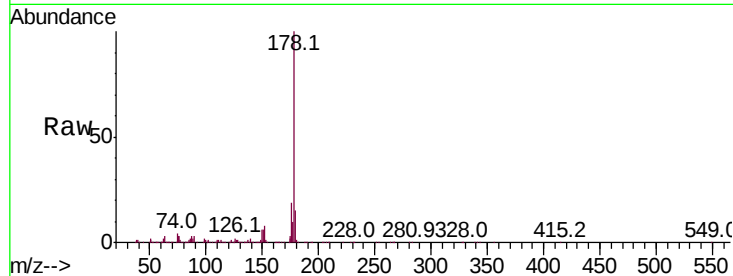
#71
 Anthracene
 Concen: 44.818 ng
 RT: 17.53 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.2	12.6	19.0

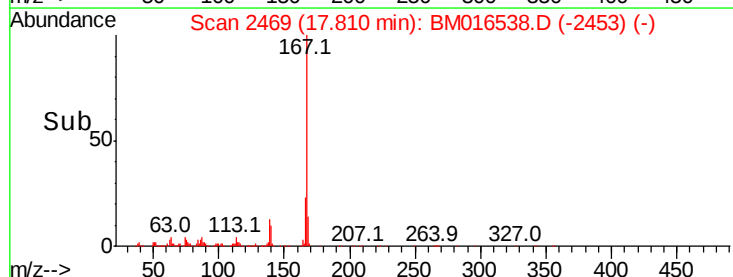
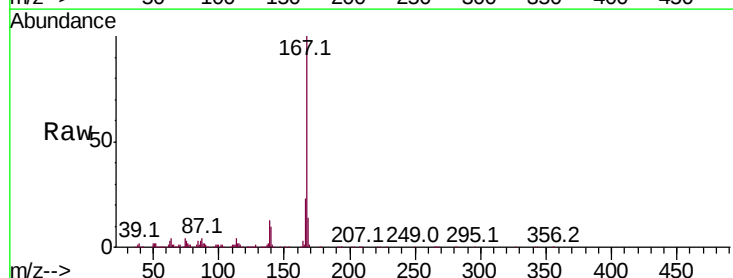
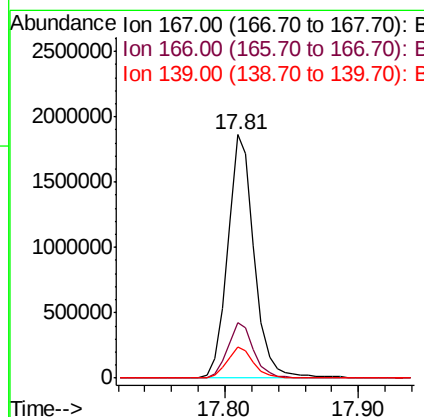
Manual Integrations
 APPROVED

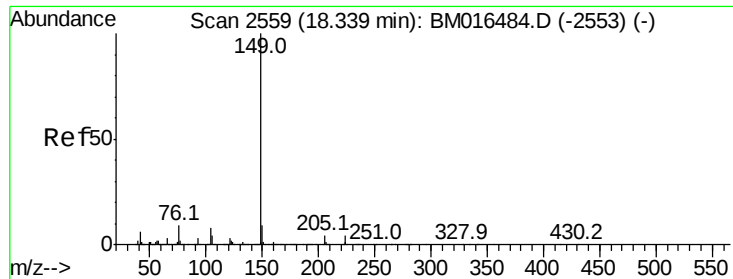
Sohil
 8/23/2018 6:39:24 PM



#72
 Carbazole
 Concen: 34.700 ng
 RT: 17.81 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	12.7	10.8	16.2





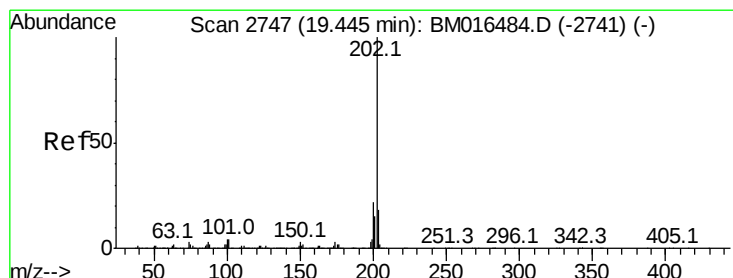
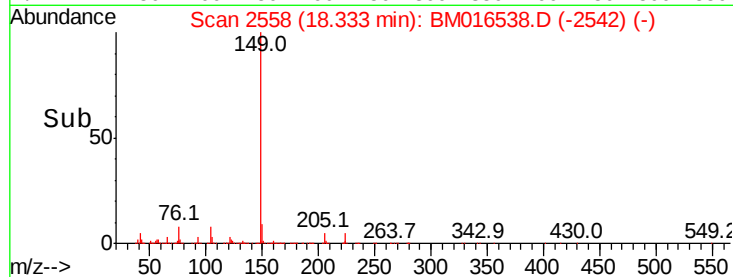
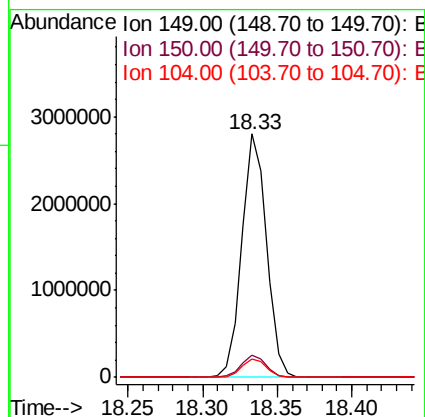
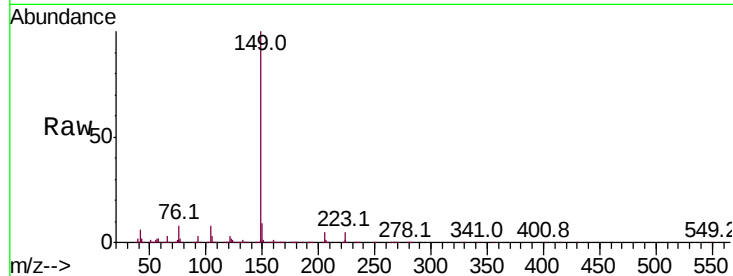
#73
Di-n-butylphthalate
Concen: 35.351 ng
RT: 18.33 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	7.7	3.7	5.5

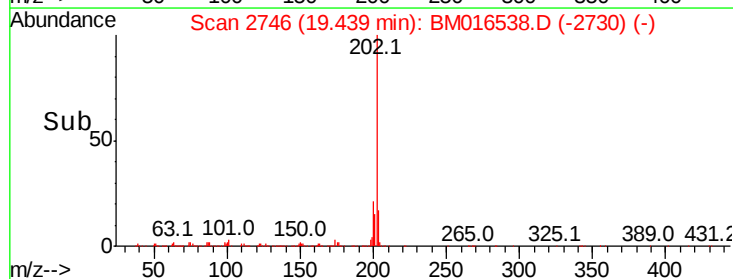
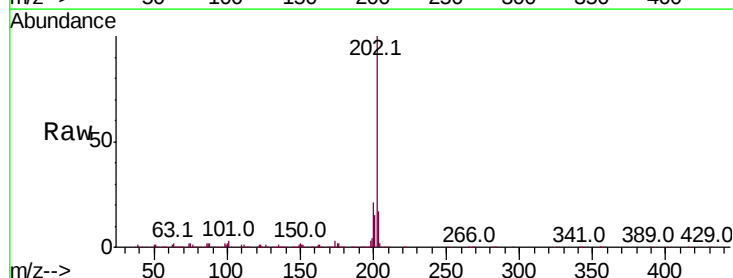
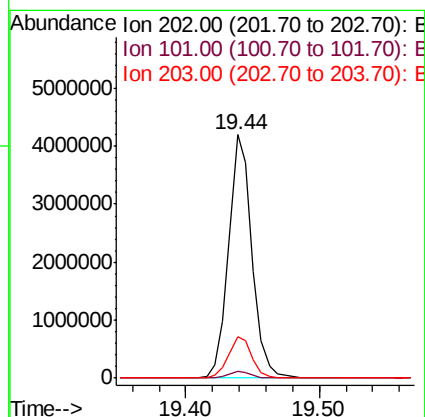
Manual Integrations
APPROVED

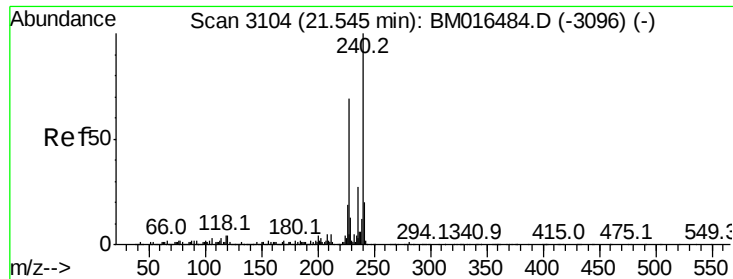
Sohil
8/23/2018 6:39:24 PM



#74
Fluoranthene
Concen: 42.048 ng
RT: 19.44 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.8	0.0	28.7
203	16.9	0.0	37.2





#75

Chrysene-d12

Concen: 40.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:240 Resp: 4080457

Ion Ratio Lower Upper

240 100

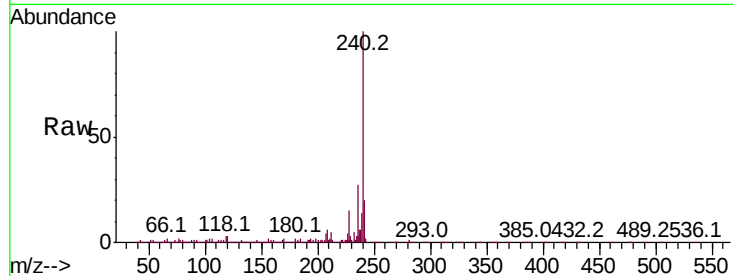
120 2.7 8.2 12.2#

236 26.6 20.0 30.0

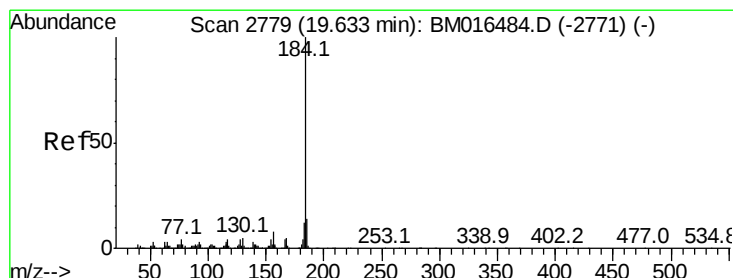
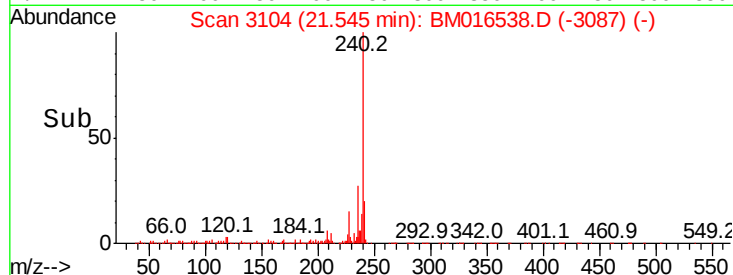
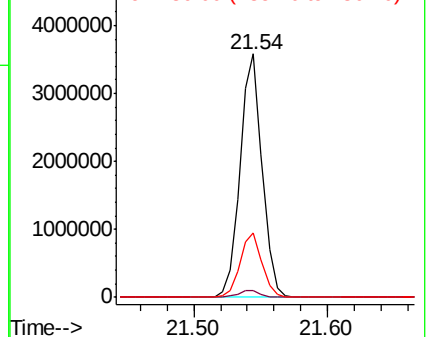
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.649 ng

RT: 19.63 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

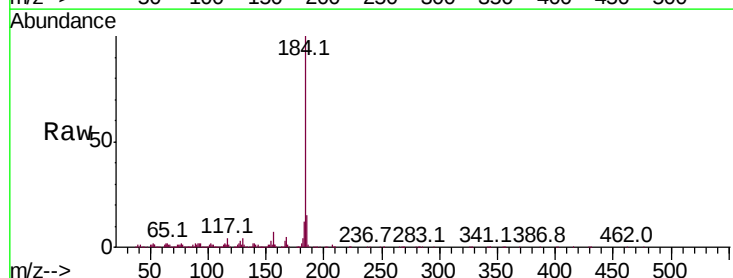
Tgt Ion:184 Resp: 2104980

Ion Ratio Lower Upper

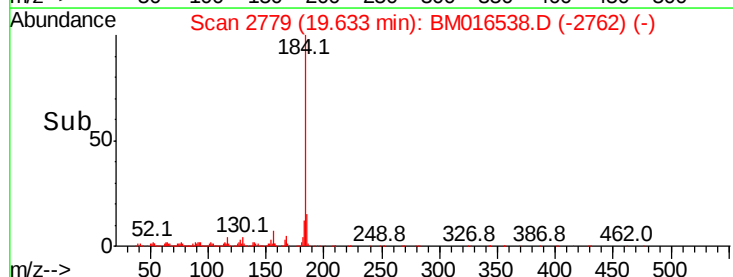
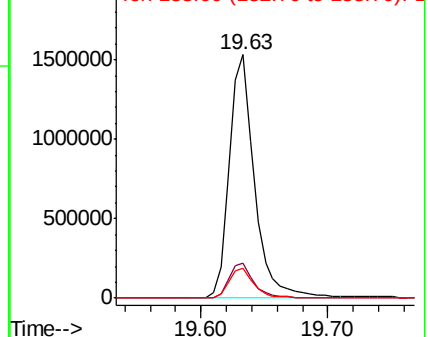
184 100

185 14.6 11.3 16.9

183 12.1 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





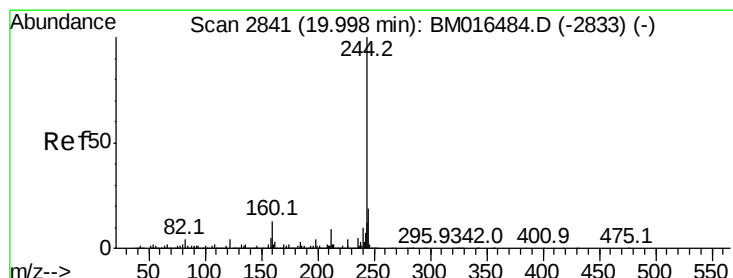
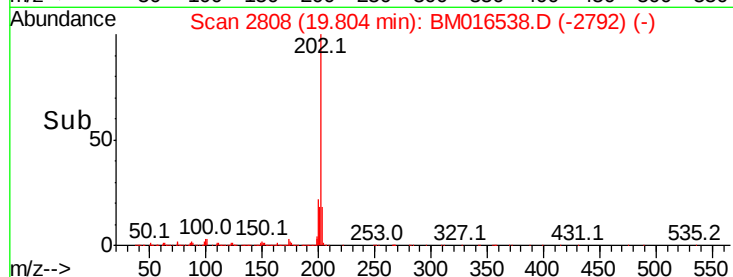
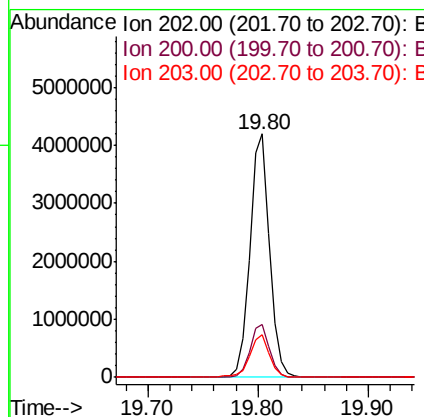
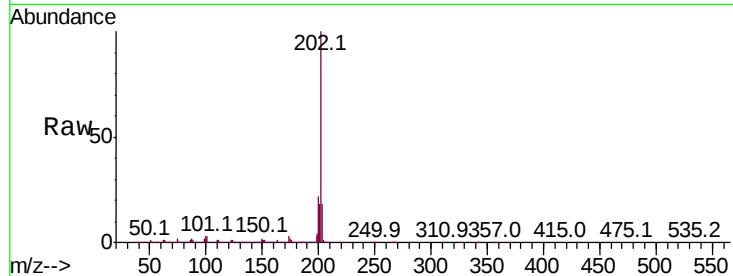
#77
Pvrene
Concen: 46.903 ng
RT: 19.80 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.7	14.1	21.1

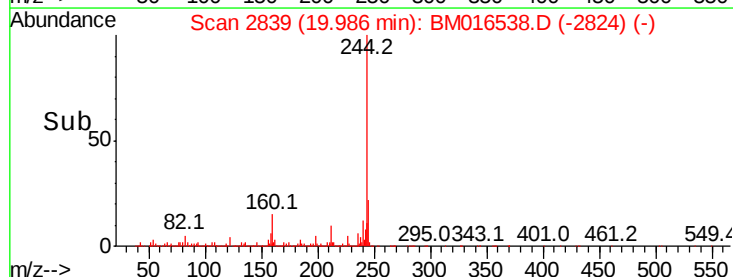
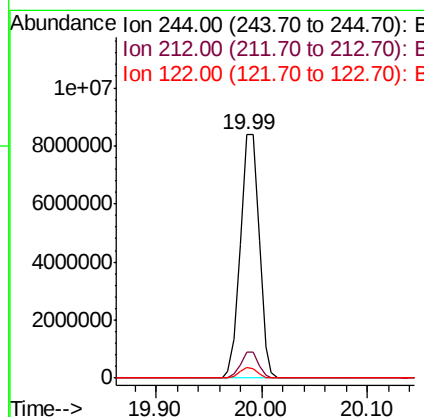
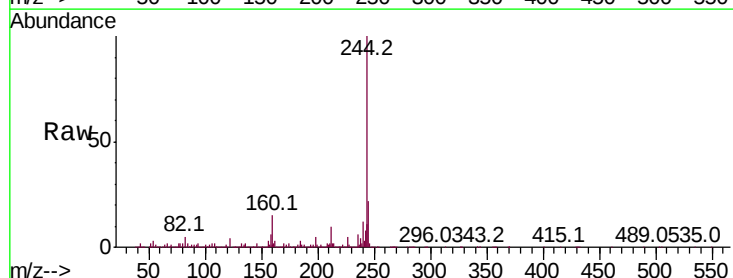
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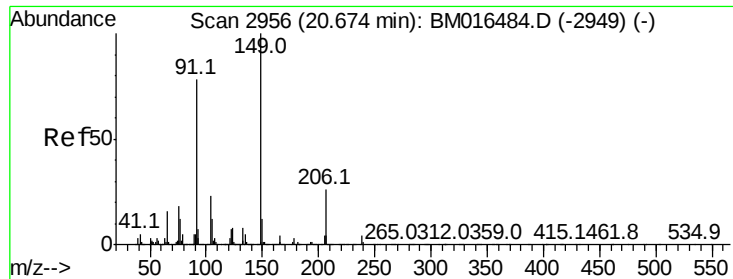
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#78
Terphenyl-d14
Concen: 106.607 ng
RT: 19.99 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	4.5	6.2	9.4#





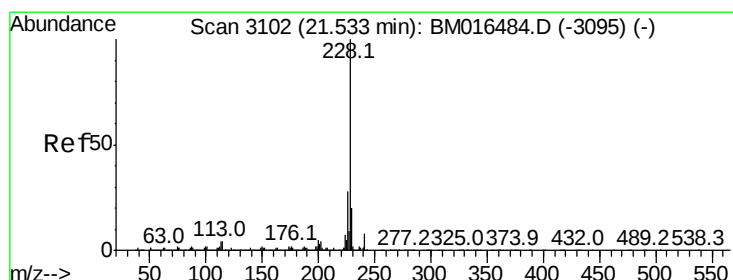
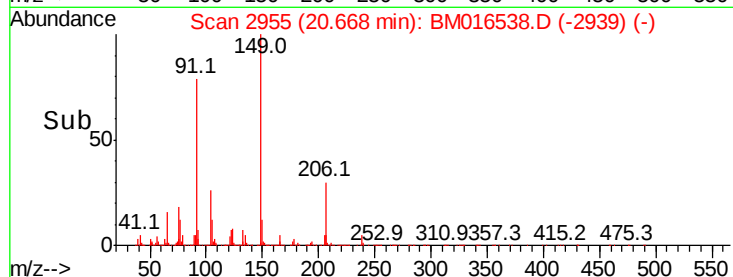
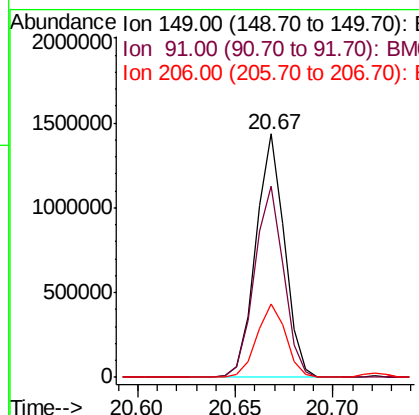
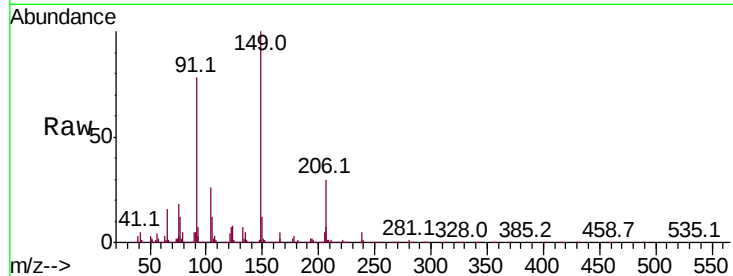
#79
Butylbenzylphthalate
Concen: 38.031 ng
RT: 20.67 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.5	50.1	75.1#
206	30.3	16.2	24.2#

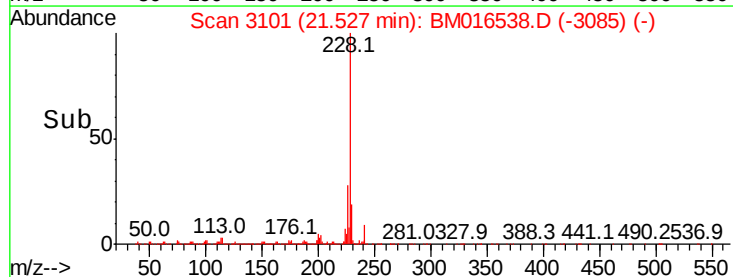
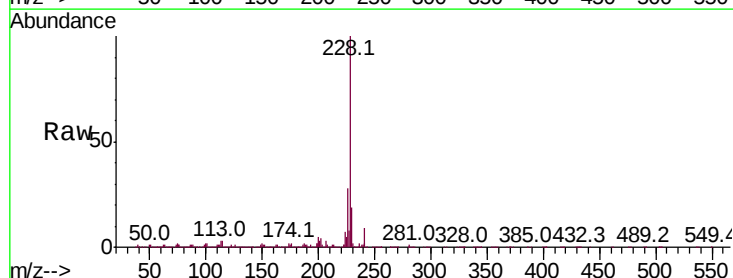
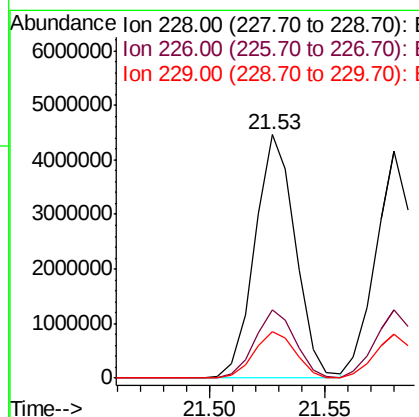
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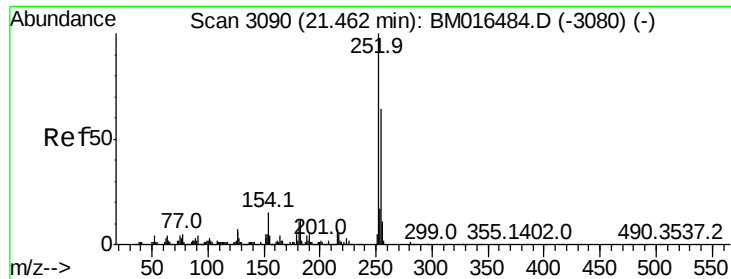
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#80
Benzo(a)anthracene
Concen: 45.441 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	19.3	16.0	24.0





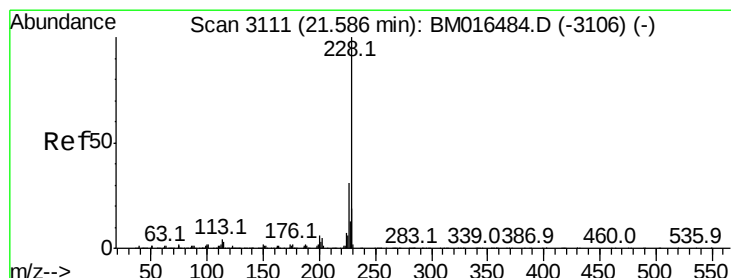
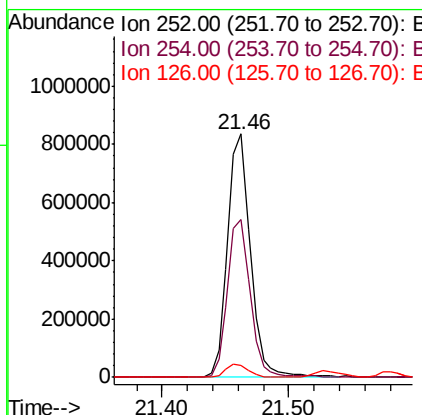
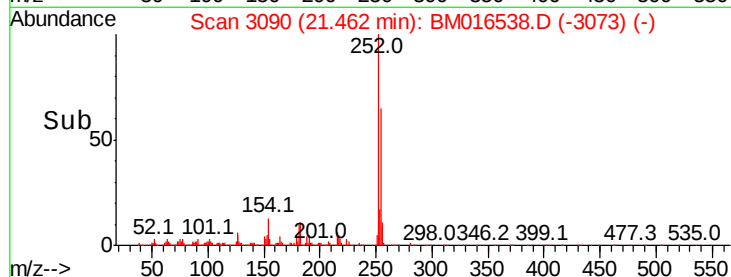
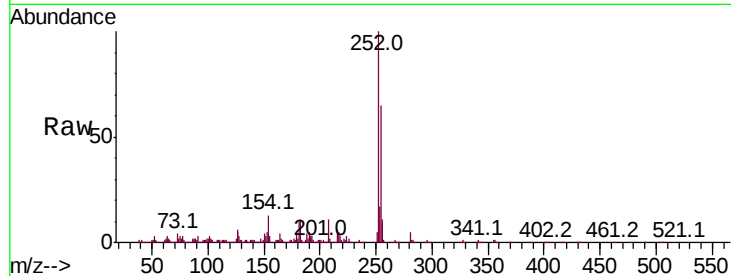
#81
3,3'-Dichlorobenzidine
Concen: 19.514 ng
RT: 21.46 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion:252 Resp: 1041909
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 5.0 9.8 14.8#

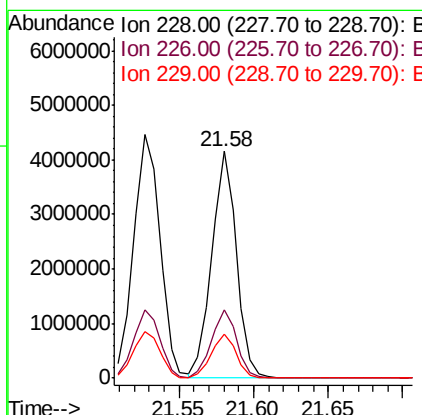
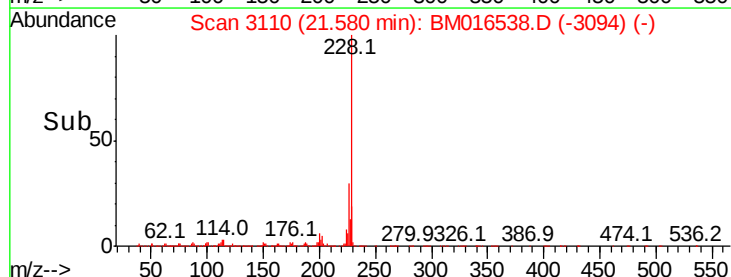
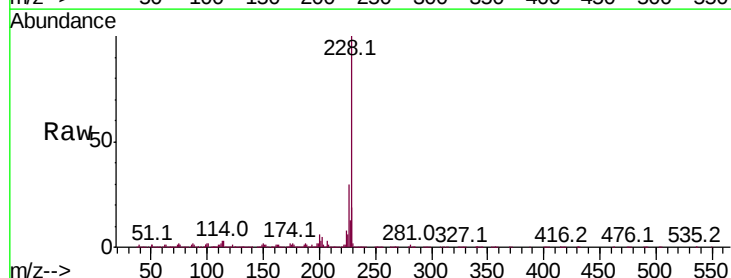
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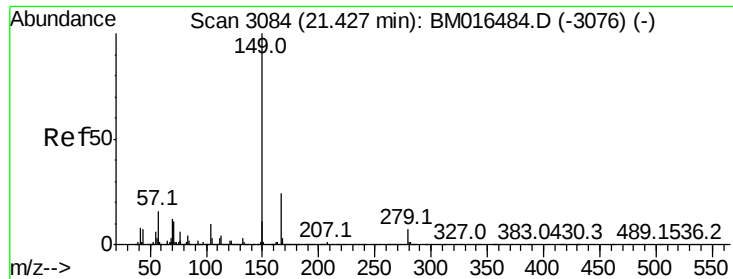
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#82
Chrysene
Concen: 41.714 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion:228 Resp: 4774029
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.5 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.067 ng

RT: 21.42 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

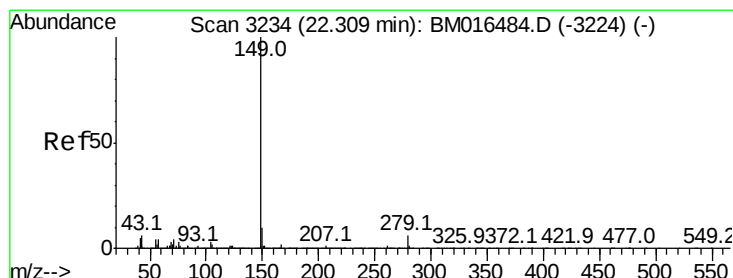
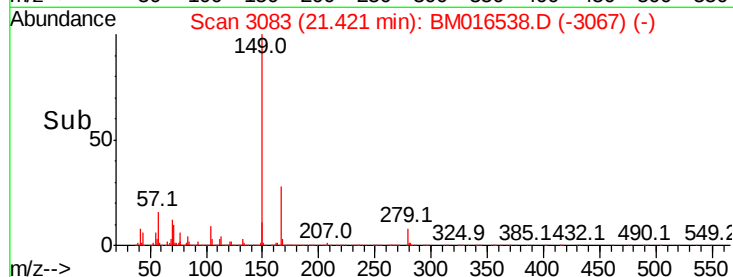
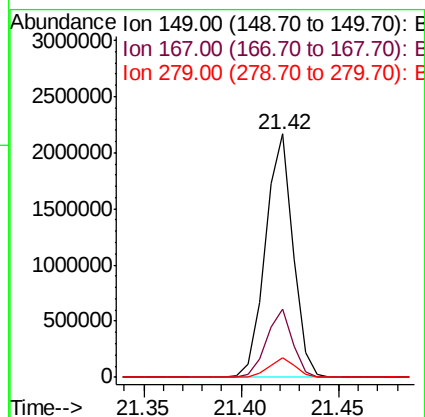
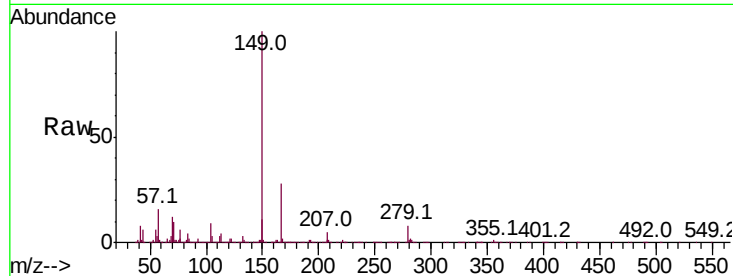
Instrument :
BNA_M

ClientSampled :
PB112247BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	8.1	3.4	5.0

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#84

Di-n-octyl phthalate

Concen: 36.110 ng

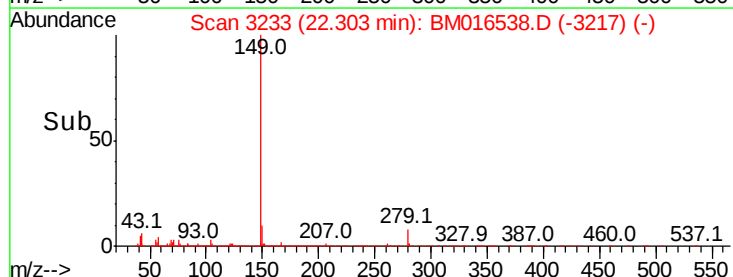
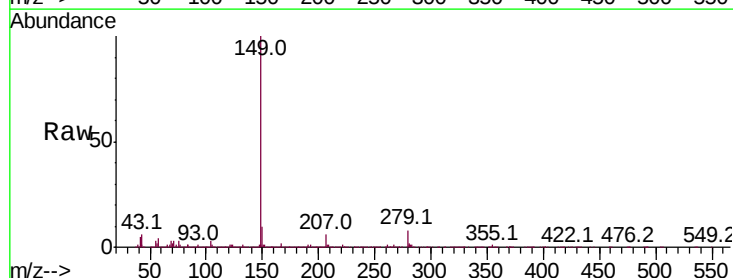
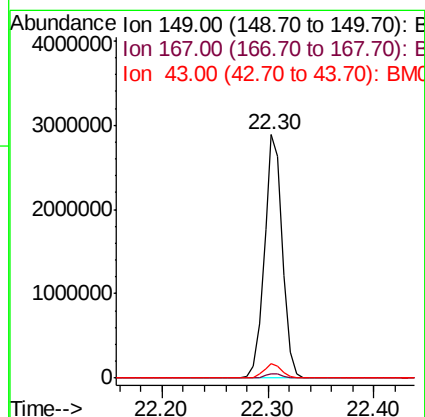
RT: 22.30 min Scan# 3233

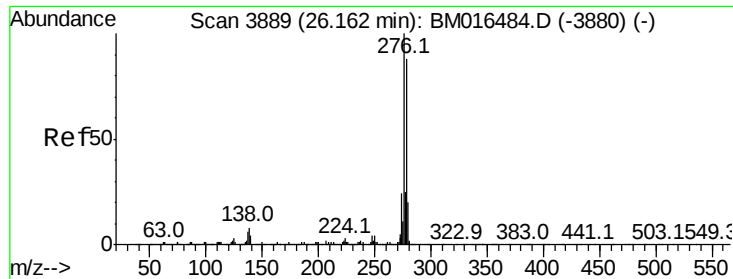
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	5.8	7.3	10.9





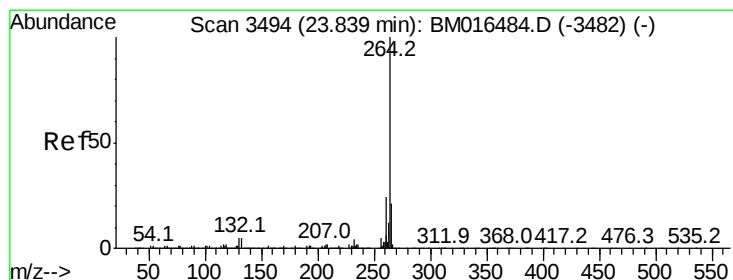
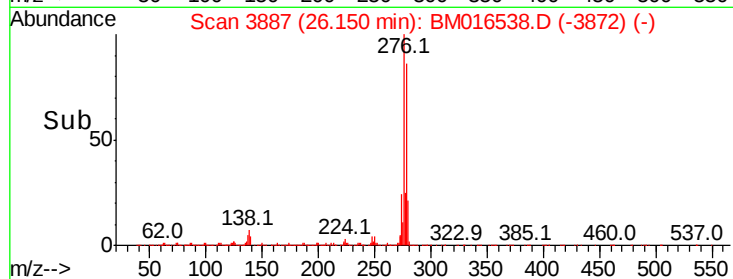
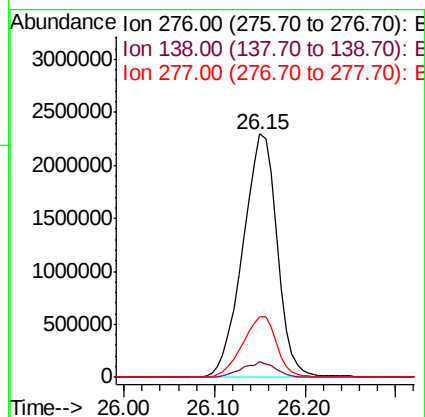
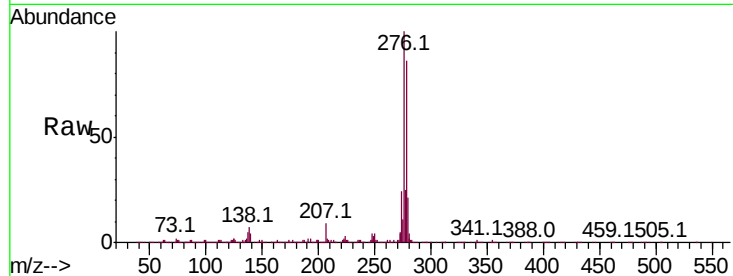
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.656 ng
 RT: 26.15 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.4	12.0	18.0#
277	25.0	20.0	30.0

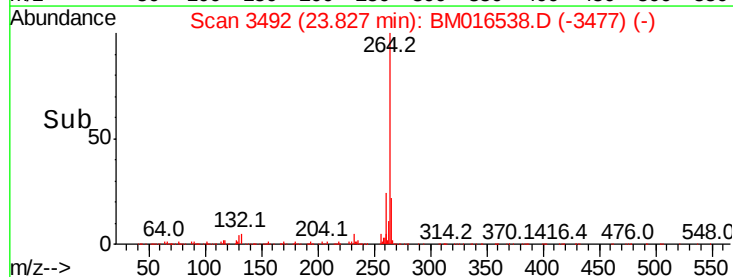
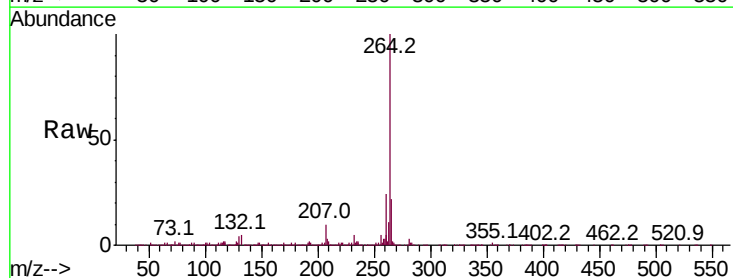
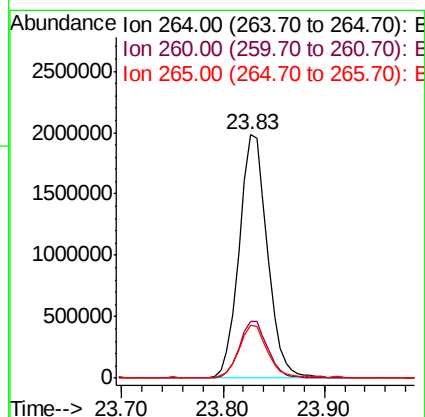
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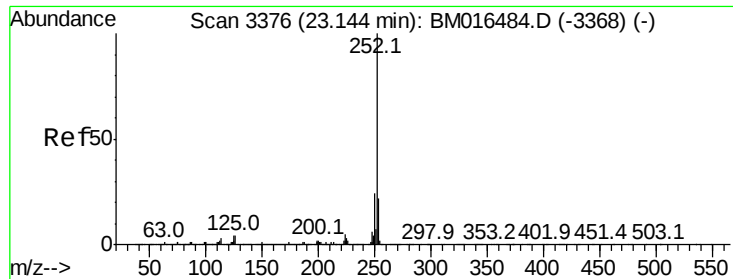
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#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 23.83 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 47.939 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

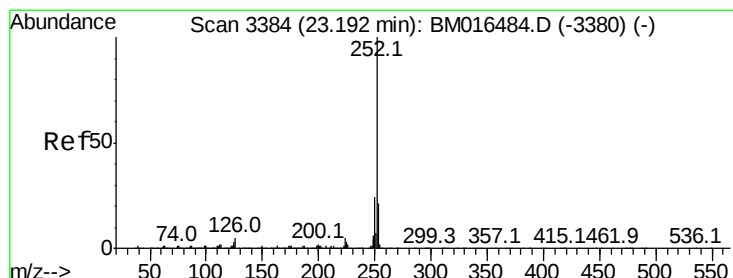
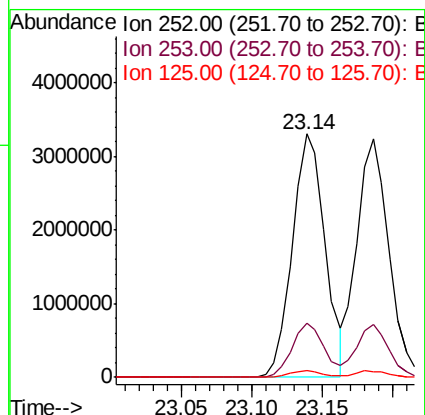
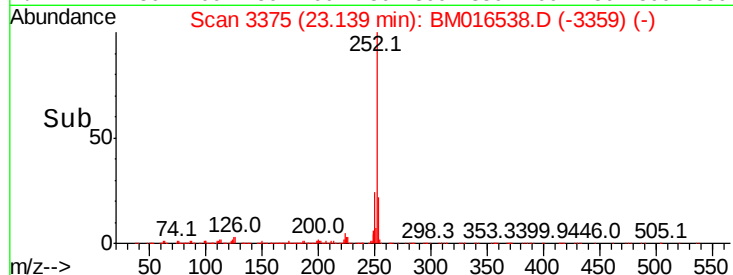
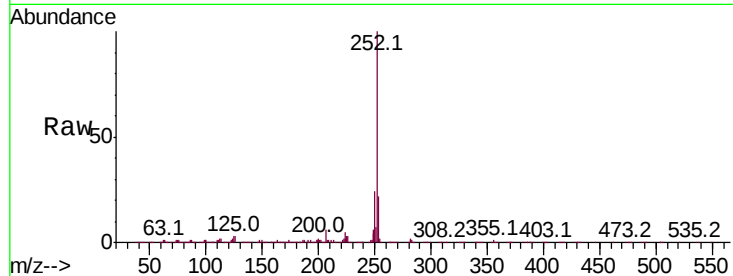
Instrument :
BNA_M

ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	2.8	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 45.159 ng

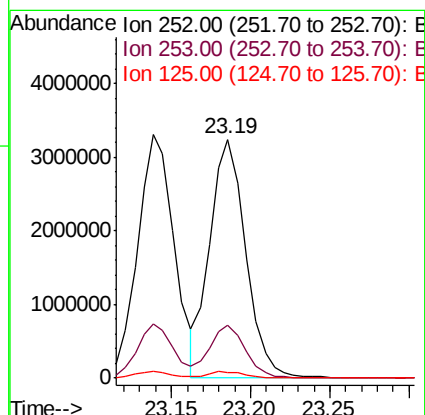
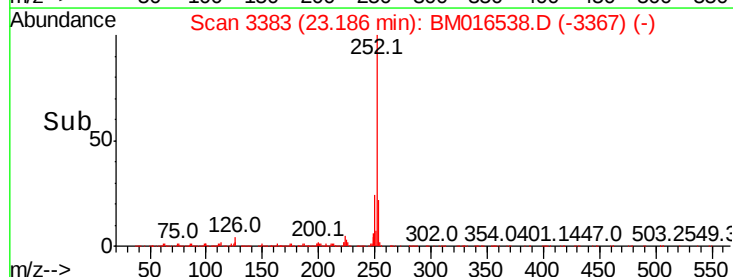
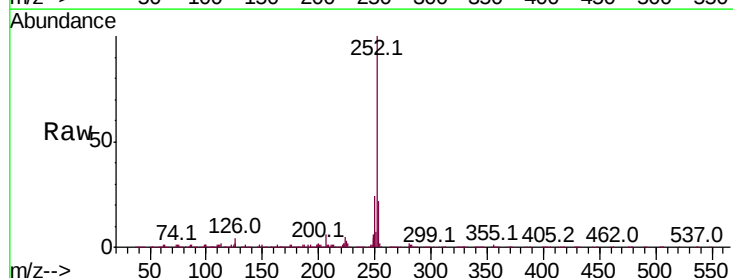
RT: 23.19 min Scan# 3383

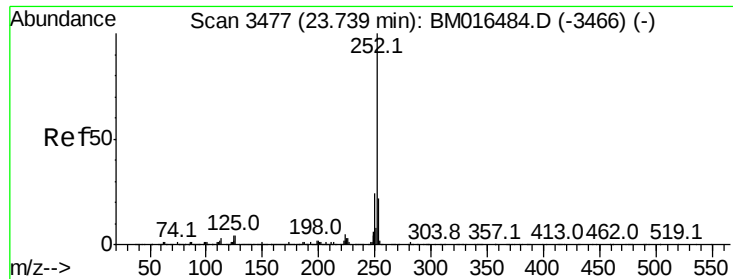
Delta R.T. -0.01 min

Lab File: BM016538.D

Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	2.5	8.1	12.1





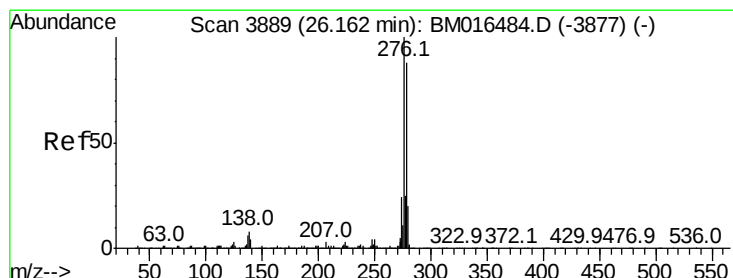
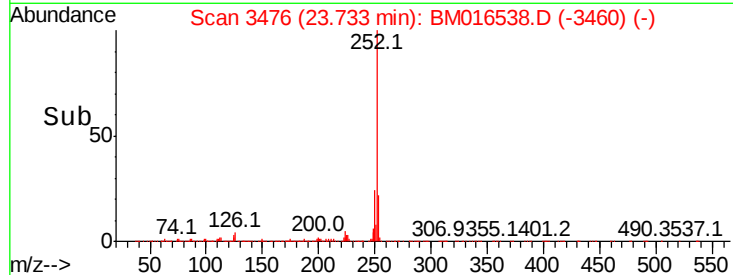
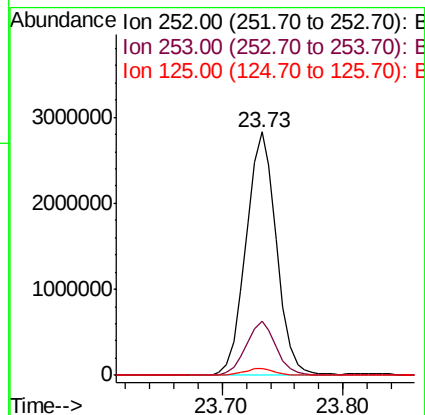
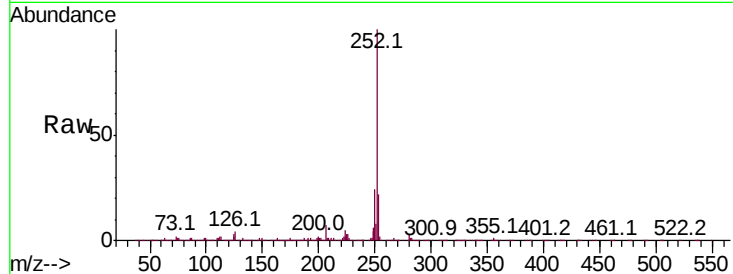
#89
Benzo(a)pyrene
Concen: 45.962 ng
RT: 23.73 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	2.7	7.4	11.2

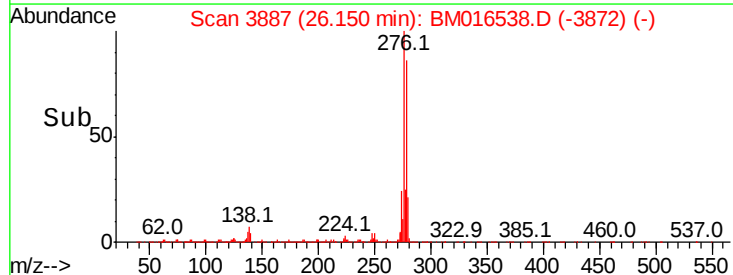
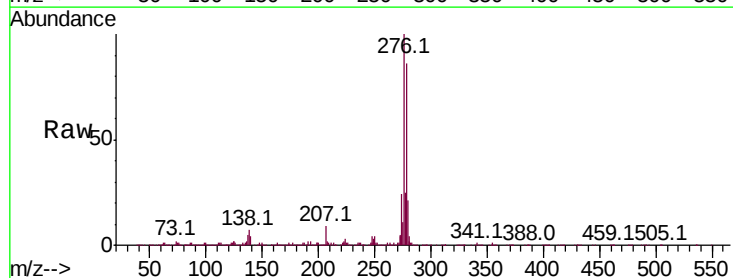
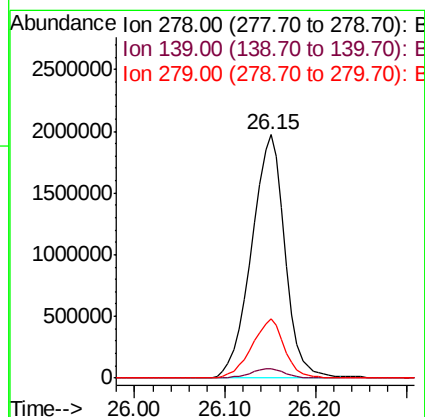
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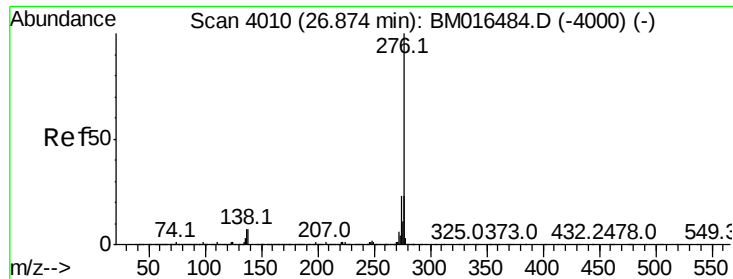
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.830 ng
RT: 26.15 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM016538.D
Acq: 23 Aug 2018 03:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	4.1	13.4	20.0
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.830 ng
 RT: 26.86 min Scan# 4008
 Delta R.T. -0.01 min
 Lab File: BM016538.D
 Acq: 23 Aug 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	4.9	19.0	28.6

Manual Integrations
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 8/23/2018 6:39:24 PM

