

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018425.D
 Acq On : 28 Dec 2018 09:02
 Operator : JU/SJ
 Sample : PB116023BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Manual Integrations
 APPROVED

Sohil
 12/28/2018 12:30:40 PM

Quant Time: Dec 28 11:09:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	464094	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1972724	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1121647	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2468112	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2494886	20.00	ng	0.00
87) Perylene-d12	23.66	264	2310944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2358032	95.79	ng	0.01
7) Phenol-d6	6.96	99	3095800	90.57	ng	0.02
23) Nitrobenzene-d5	8.95	82	1831248	53.28	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1193902	83.77	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	4712693	56.91	ng	0.00
79) Terphenyl-d14	19.81	244	6890084	58.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	214695	21.416	ng	97
3) Pyridine	3.69	79	617842	22.344	ng	95
4) n-Nitrosodimethylamine	3.62	42	299855	26.595	ng	95
6) Aniline	7.12	93	543396	12.746	ng	100
8) 2-Chlorophenol	7.35	128	884338	29.791	ng	96
9) Benzaldehyde	6.93	77	439563	18.318	ng	96
10) Phenol	6.98	94	1006474	28.622	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	708810	25.859	ng	96
12) 1,3-Dichlorobenzene	7.67	146	900880	25.835	ng	98
13) 1,4-Dichlorobenzene	7.82	146	919462	25.954	ng	99
14) 1,2-Dichlorobenzene	8.13	146	892548	25.677	ng	99
15) Benzyl Alcohol	8.03	79	630346	23.758	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	982405	22.506	ng	97
17) 2-Methylphenol	8.23	107	701837	28.174	ng	98
18) Hexachloroethane	8.85	117	321922	25.458	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	587710	22.571	ng	97
20) 3+4-Methylphenols	8.56	107	954192	28.551	ng	99
22) Acetophenone	8.61	105	1194705	23.853	ng	# 97
24) Nitrobenzene	8.99	77	861690	25.333	ng	96
25) Isophorone	9.50	82	1592927	26.718	ng	99
26) 2-Nitrophenol	9.69	139	420231	31.845	ng	99
27) 2,4-Dimethylphenol	9.76	122	796424	32.250	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	1009307	26.972	ng	99
29) 2,4-Dichlorophenol	10.23	162	848406	31.062	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	893358	26.700	ng	98
31) Naphthalene	10.63	128	2634287	27.705	ng	99
32) Benzoic acid	9.87	122	211638	19.932	ng	95
33) 4-Chloroaniline	10.75	127	347002	7.966	ng	98
34) Hexachlorobutadiene	10.90	225	526247	25.903	ng	96
35) Caprolactam	11.53	113	261169m	25.873	ng	
36) 4-Chloro-3-methylphenol	11.87	107	859934	27.776	ng	100
37) 2-Methylnaphthalene	12.24	142	1964790	28.219	ng	100
38) 1-Methylnaphthalene	12.46	142	1865582	27.563	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	976160	27.799	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	881312	51.762	ng	100
43) 2,4,6-Trichlorophenol	12.86	196	655863	32.882	ng	99
44) 2,4,5-Trichlorophenol	12.94	196	700052	32.117	ng	97
46) 1,1'-Biphenyl	13.26	154	2500944	26.092	ng	100
47) 2-Chloronaphthalene	13.30	162	1962071	26.727	ng	97
48) 2-Nitroaniline	13.52	65	516302	26.210	ng	92
49) Acenaphthylene	14.15	152	3150514	27.876	ng	100
50) Dimethylphthalate	13.89	163	2486223	26.531	ng	99
51) 2,6-Dinitrotoluene	14.02	165	536441	27.276	ng	91
52) Acenaphthene	14.49	154	1806081	26.480	ng	99
53) 3-Nitroaniline	14.34	138	288967	13.212	ng	99
54) 2,4-Dinitrophenol	14.55	184	180732	37.329	ng	92
55) Dibenzofuran	14.83	168	2947578	26.412	ng	100
56) 4-Nitrophenol	14.67	139	903706	50.216	ng	97
57) 2,4-Dinitrotoluene	14.80	165	734908	27.618	ng	98
58) Fluorene	15.48	166	2377988	27.356	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	596942	29.655	ng	98
60) Diethylphthalate	15.26	149	2544898	25.964	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	1201516	25.158	ng	98
62) 4-Nitroaniline	15.52	138	540812	23.230	ng	97
63) Azobenzene	15.77	77	2108437	23.602	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	185397	23.388	ng	92
66) n-Nitrosodiphenylamine	15.69	169	2079696	27.036	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	720171	26.795	ng	97
68) Hexachlorobenzene	16.47	284	803073	26.377	ng	99
69) Atrazine	16.64	200	720248	25.259	ng	100
70) Pentachlorophenol	16.83	266	846304	47.671	ng	99
71) Phenanthrene	17.22	178	3723459	28.499	ng	99
72) Anthracene	17.31	178	3815580	29.316	ng	100
73) Carbazole	17.59	167	3470265	25.388	ng	99
74) Di-n-butylphthalate	18.14	149	4396188	28.297	ng	99
75) Fluoranthene	19.24	202	4327785	27.970	ng	99
77) Benzidine	19.43	184	1978818	27.748	ng	100
78) Pyrene	19.60	202	4431863	30.603	ng	100
80) Butylbenzylphthalate	20.51	149	2021409	33.161	ng	97
81) Benzo(a)anthracene	21.35	228	4326852	29.527	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	1172217	20.822	ng	99
83) Chrysene	21.40	228	4031008	28.513	ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	2996899	30.698	ng	99
85) Di-n-octyl phthalate	22.18	149	5173664	32.062	ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	3989630	22.798	ng	99
88) Benzo(b)fluoranthene	22.97	252	4020633	31.193	ng	99
89) Benzo(k)fluoranthene	23.02	252	3946889	30.615	ng	99
90) Benzo(a)pyrene	23.56	252	3771659	30.460	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	3339409	25.898	ng	99
92) Benzo(g,h,i)perylene	26.71	276	3223587	26.109	ng	99

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

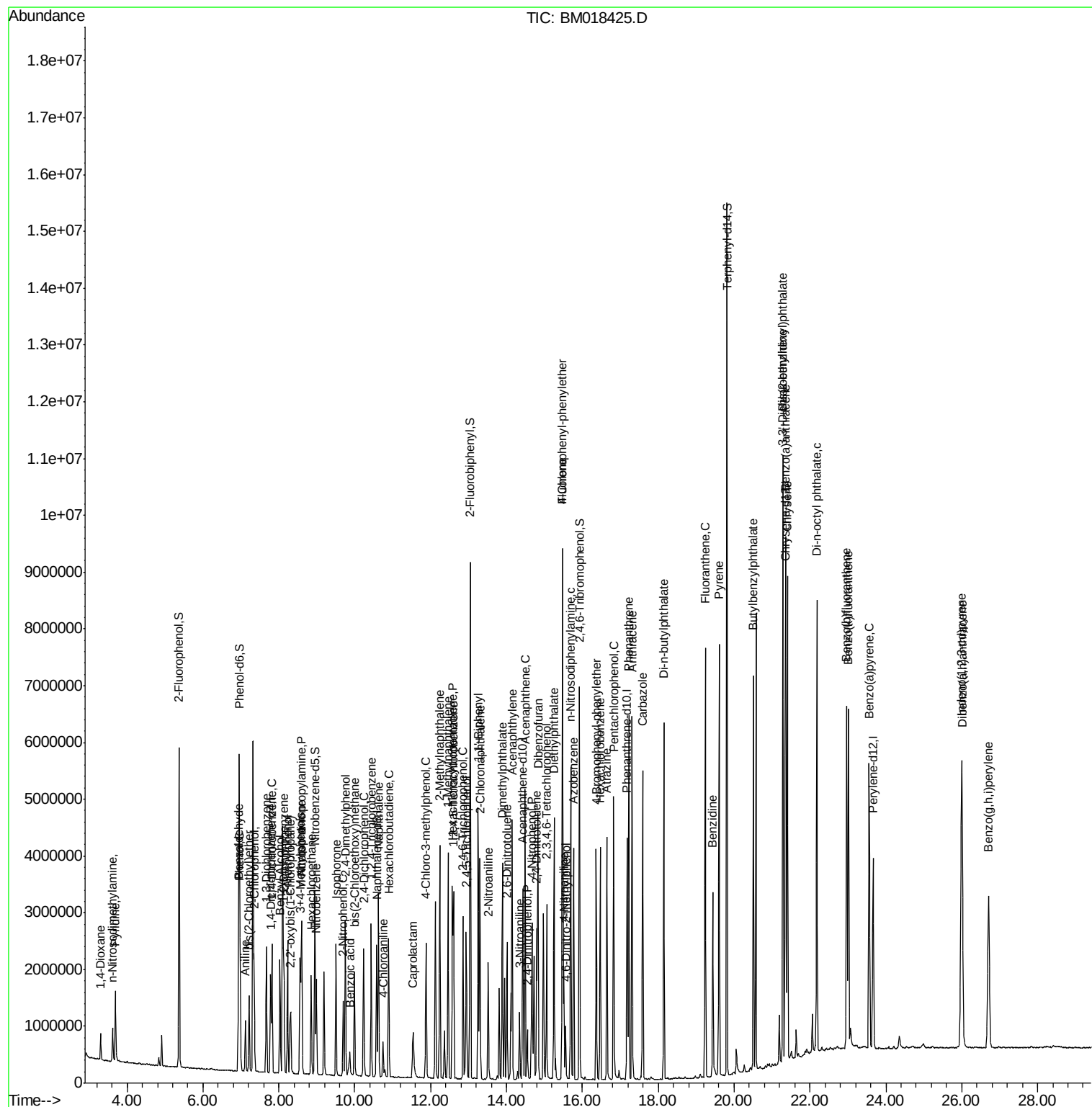
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
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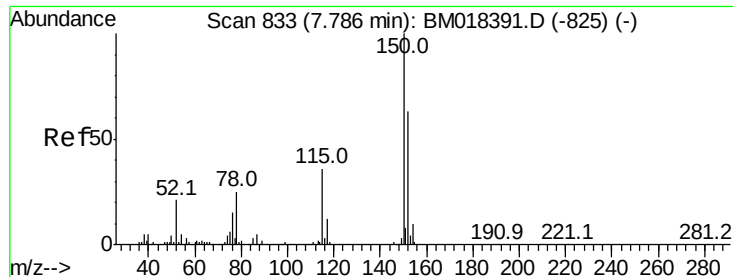
Instrument :
BNA_M
Client Sampled :
PB116023BS

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#1

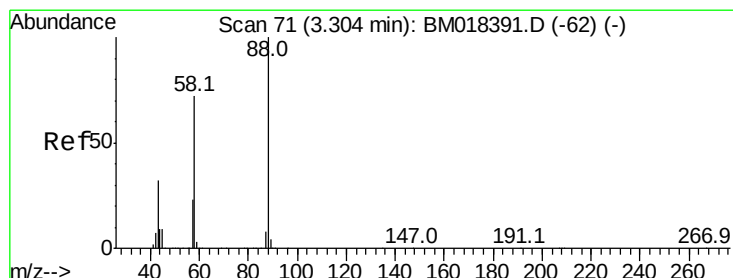
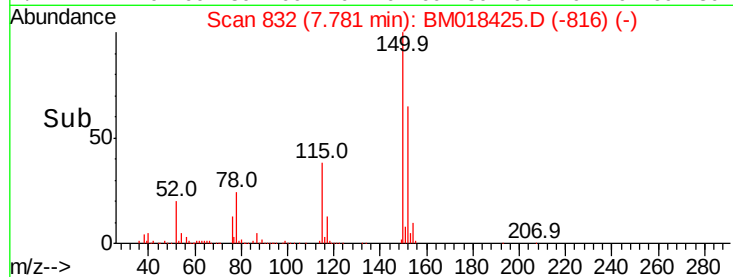
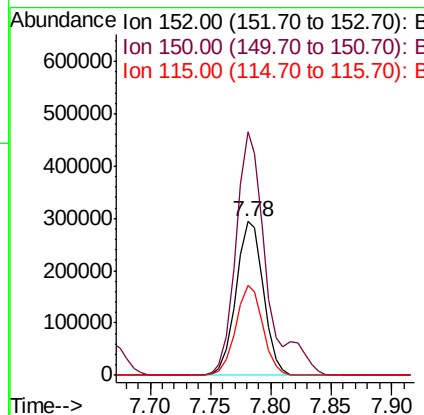
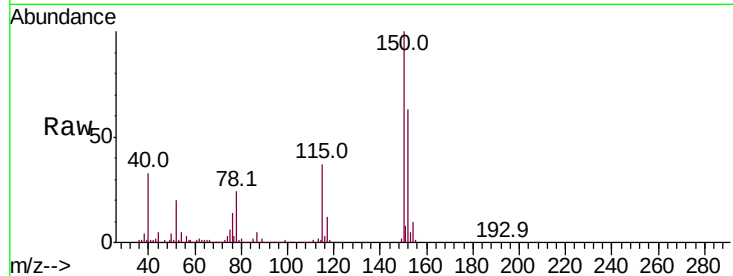
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.9	190.3
115	58.4	45.5	68.3

Manual Integrations
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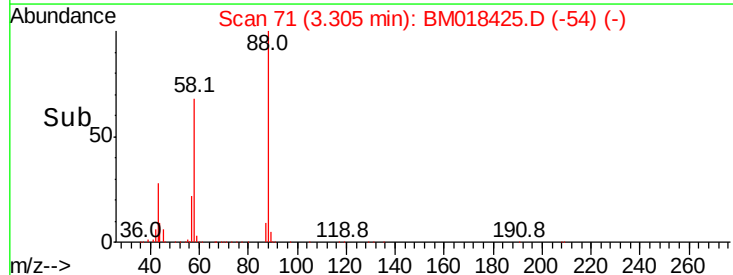
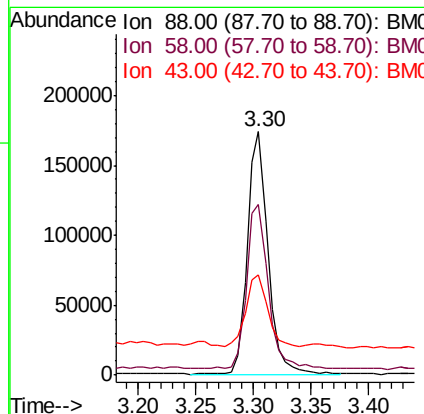
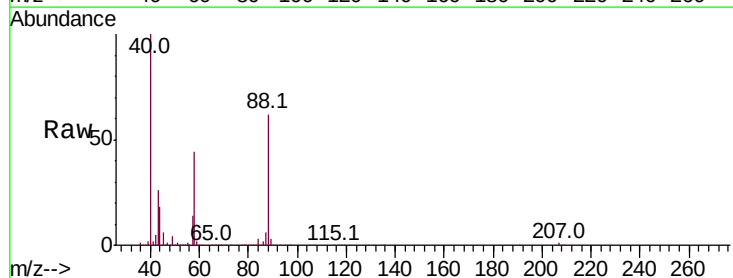
Sohil
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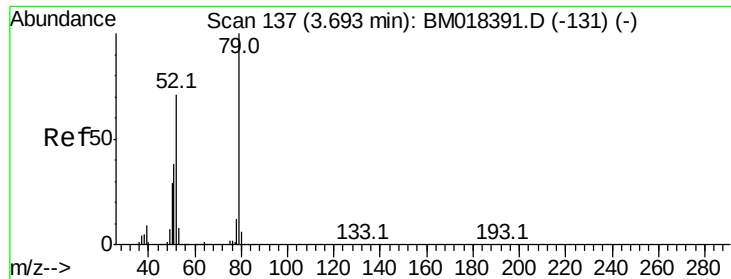


#2

1,4-Dioxane
Concen: 21.416 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	58.4	87.6
43	31.7	26.2	39.4





#3

Pvridine

Concen: 22.344 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

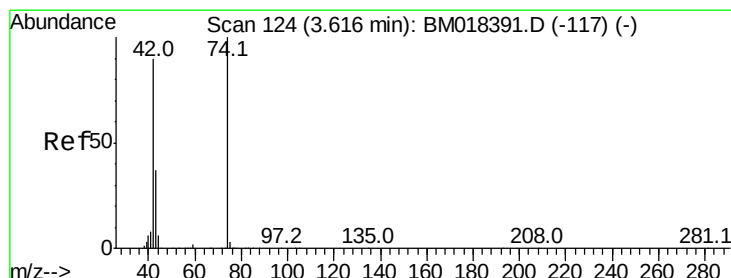
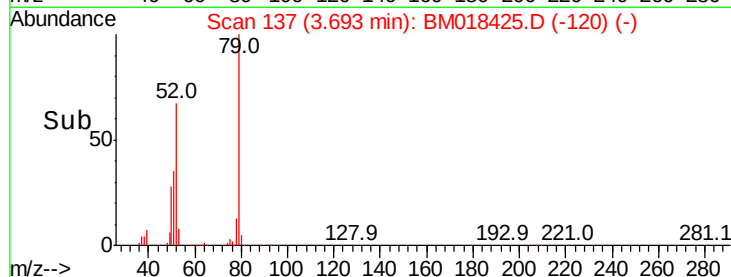
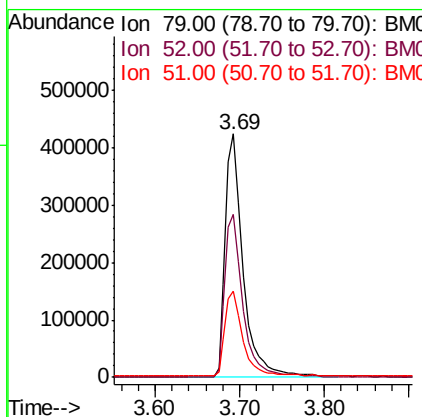
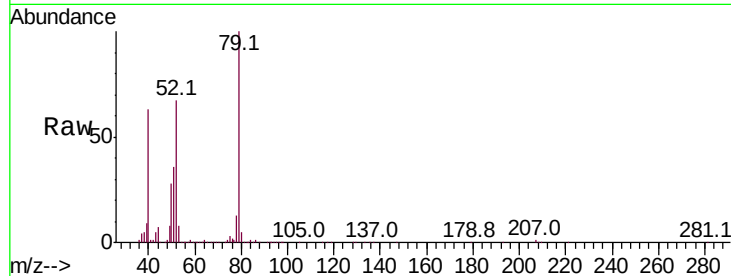
ClientSampleId :

PB116023BS

Tot Ion:	79	Resp:	617842
Ion Ratio	Lower	Upper	
79	100		
52	67.1	56.4	84.6
51	35.5	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 26.595 ng

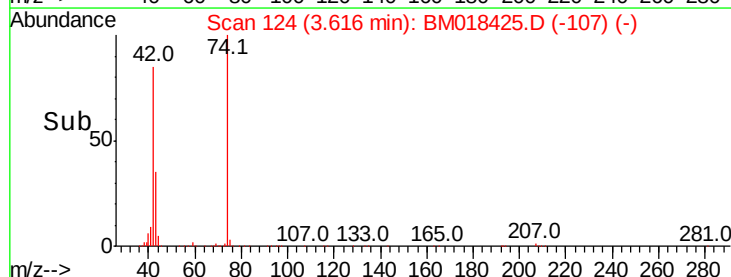
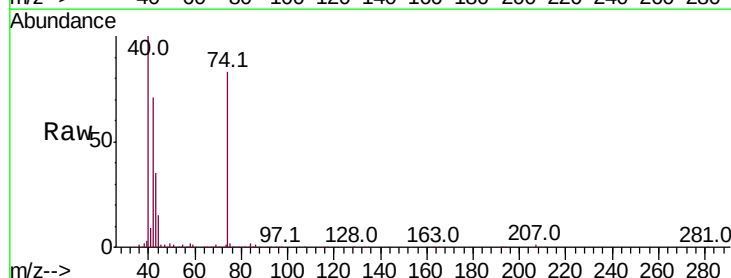
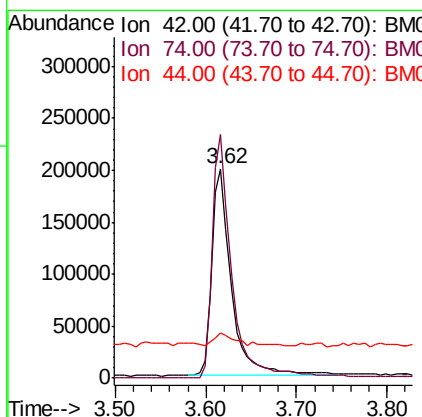
RT: 3.62 min Scan# 124

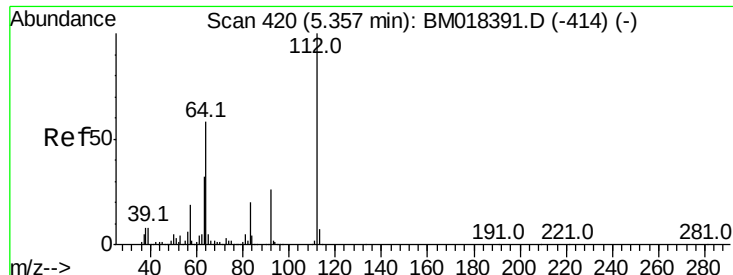
Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Tgt Ion:	42	Resp:	299855
Ion Ratio	Lower	Upper	
42	100		
74	116.4	88.6	132.8
44	21.5	16.9	25.3





#5

2-Fluorophenol

Concen: 95.794 ng

RT: 5.37 min Scan# 422

Delta R.T. 0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion: 112 Resp: 2358032

Ion Ratio Lower Upper

112 100

64 54.6 46.5 69.7

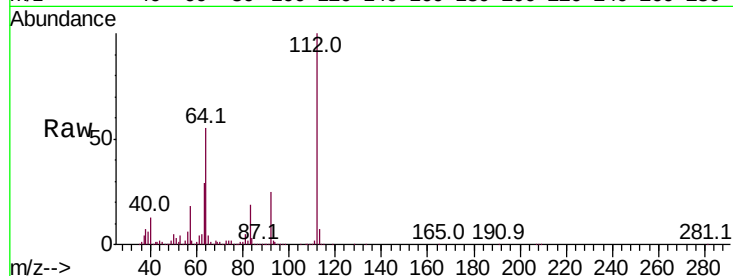
63 29.4 25.2 37.8

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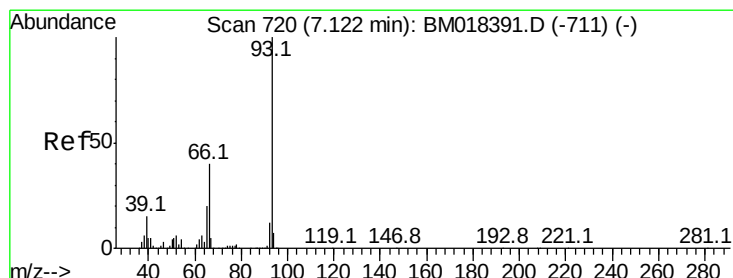
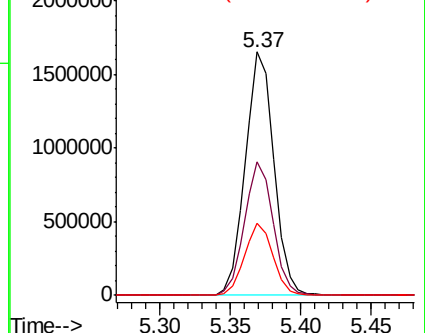
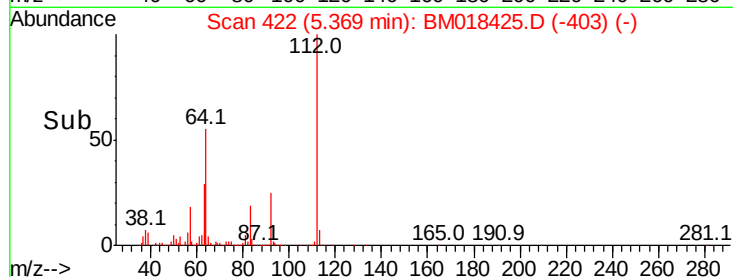
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.746 ng

RT: 7.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

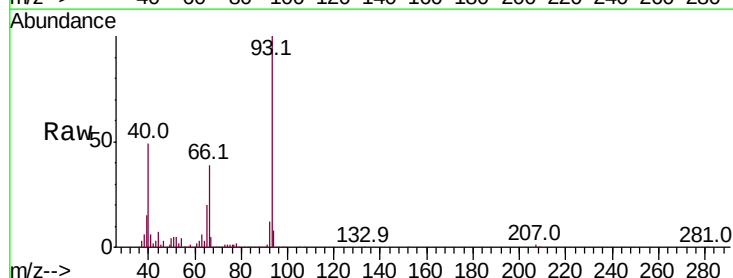
Tgt Ion: 93 Resp: 543396

Ion Ratio Lower Upper

93 100

66 39.2 31.7 47.5

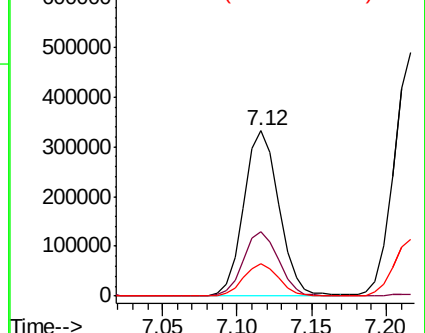
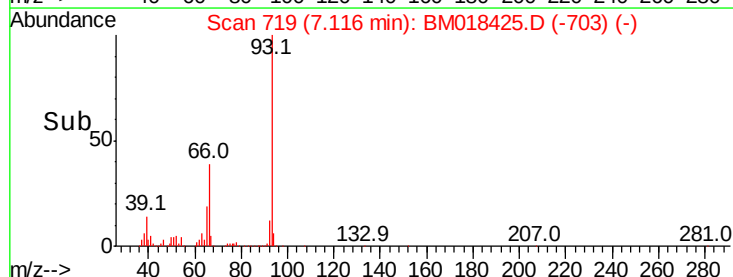
65 19.8 15.9 23.9

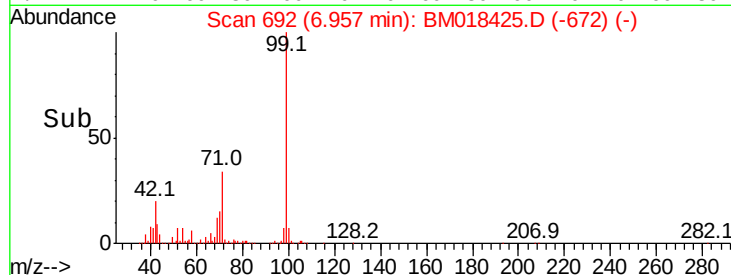
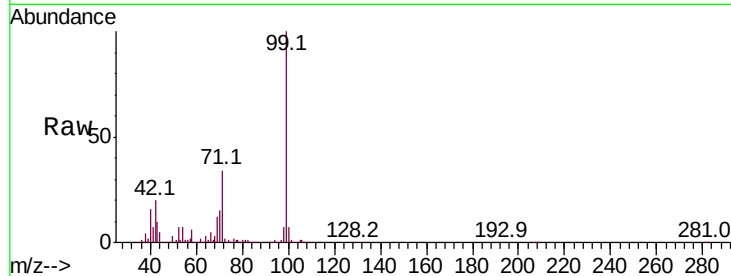
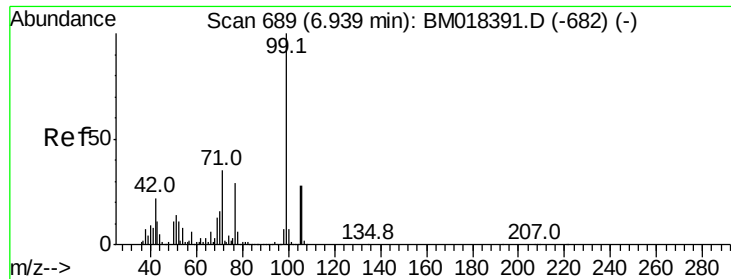


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 90.572 ng

RT: 6.96 min Scan# 692

Delta R.T. 0.02 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Tot Ion: 99 Resp: 3095800

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

71 33.8 28.0 42.0

Instrument :

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ClientSampleId :

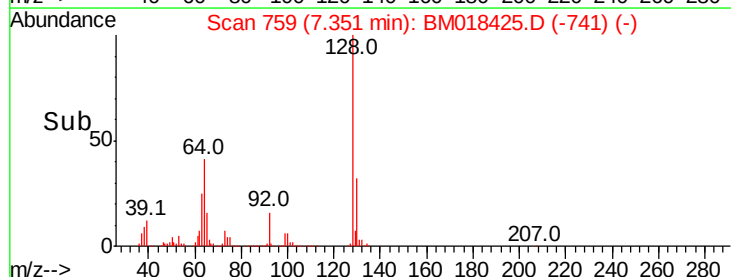
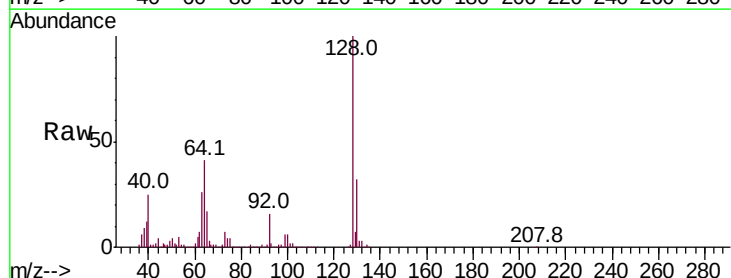
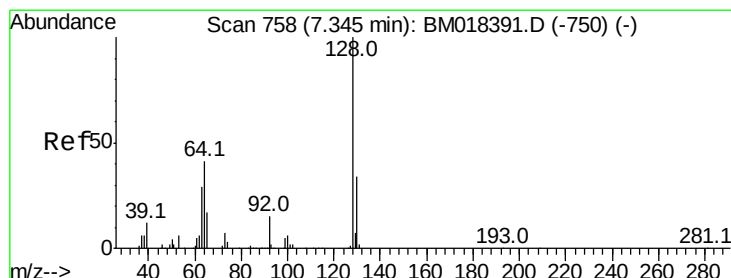
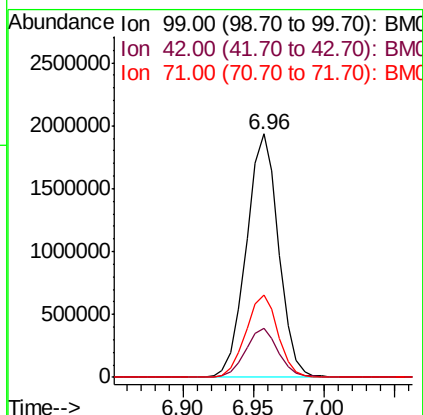
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#8

2-Chlorophenol

Concen: 29.791 ng

RT: 7.35 min Scan# 759

Delta R.T. 0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

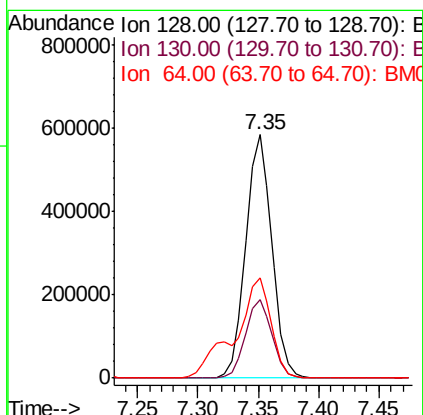
Tgt Ion: 128 Resp: 884338

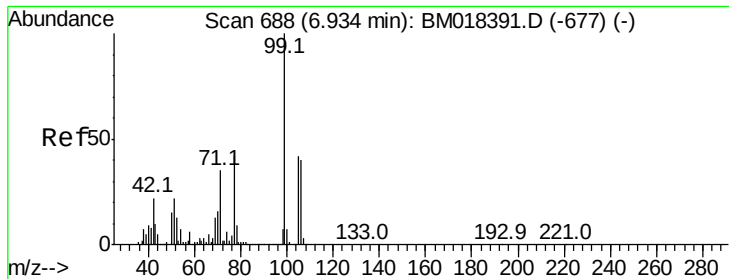
Ion Ratio Lower Upper

128 100

130 32.0 13.6 53.6

64 41.1 24.8 64.8





#9

Benzaldehyde

Concen: 18.318 ng

RT: 6.93 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

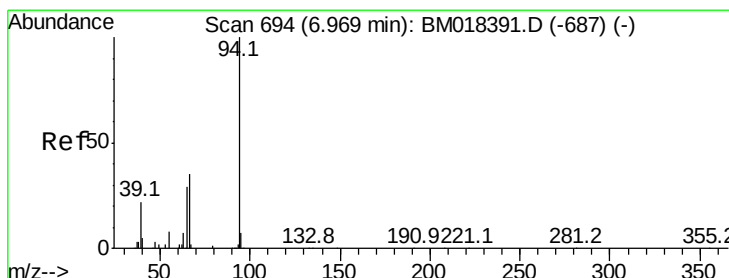
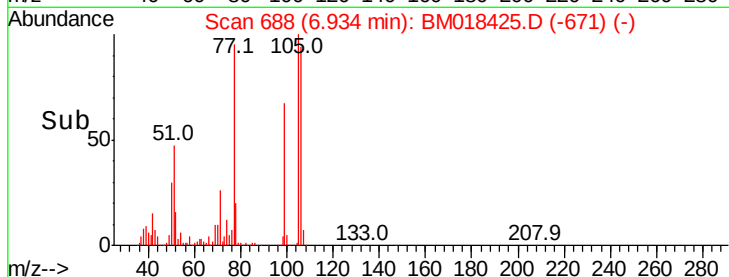
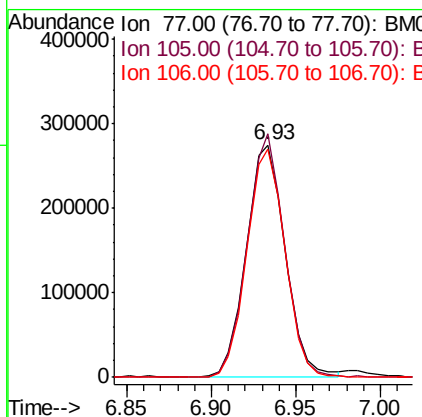
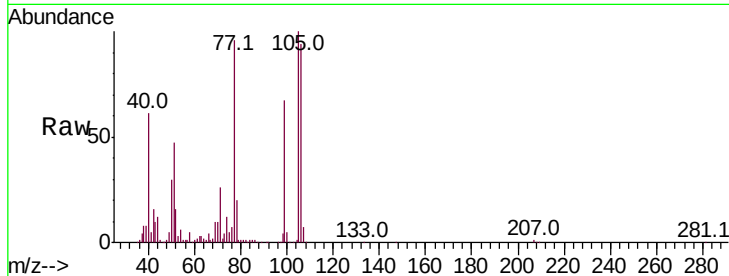
ClientSampleId :

PB116023BS

Tot Ion:	77	Resp:	439563
Ion	Ratio	Lower	Upper
77	100		
105	104.6	79.7	119.7
106	98.1	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 28.622 ng

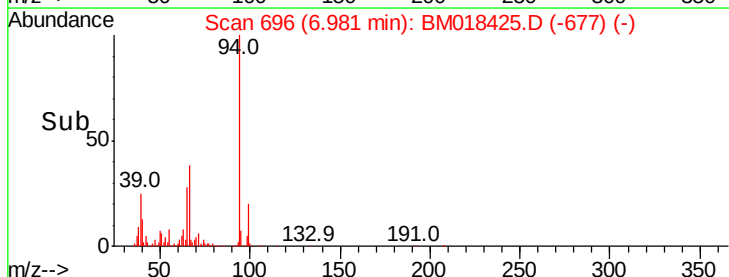
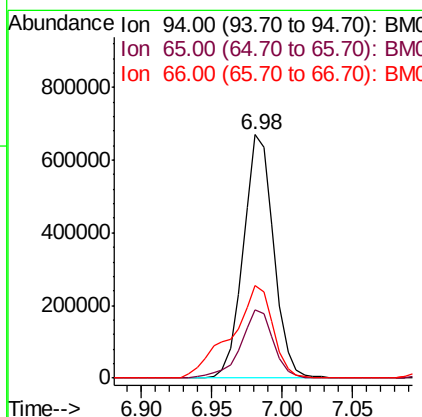
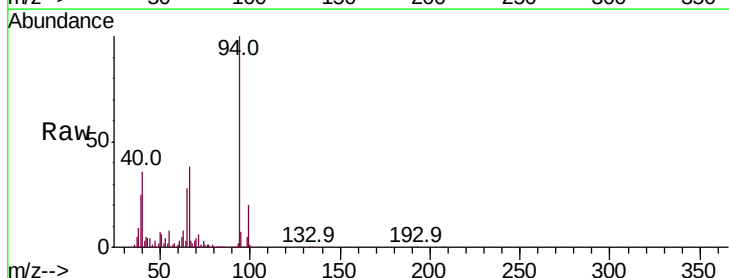
RT: 6.98 min Scan# 696

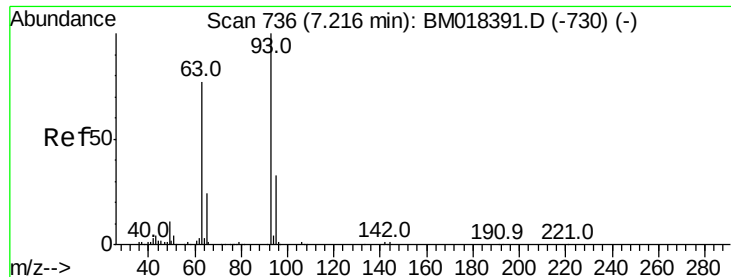
Delta R.T. 0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Tgt Ion:	94	Resp:	1006474
Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.4	49.4
66	38.0	19.1	59.1





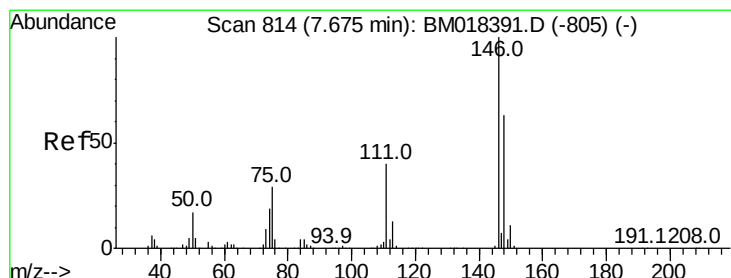
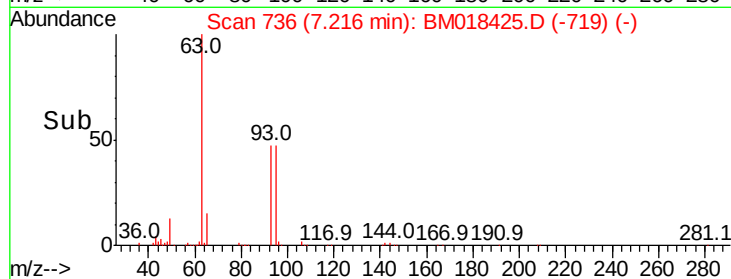
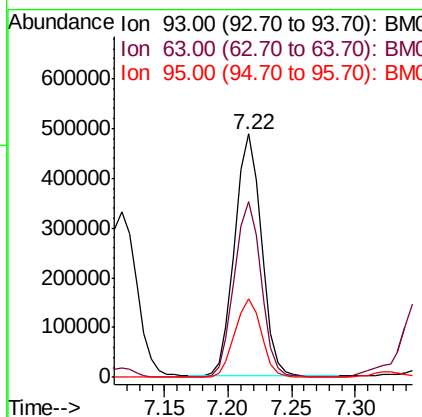
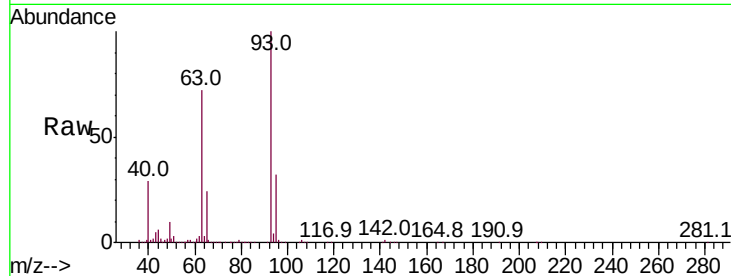
#11
bis(2-Chloroethyl)ether
Concen: 25.859 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	56.4	96.4
95	32.2	12.7	52.7

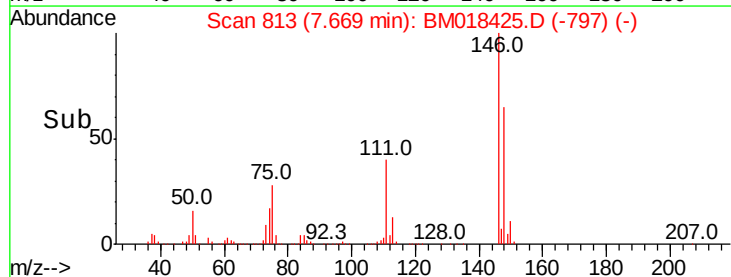
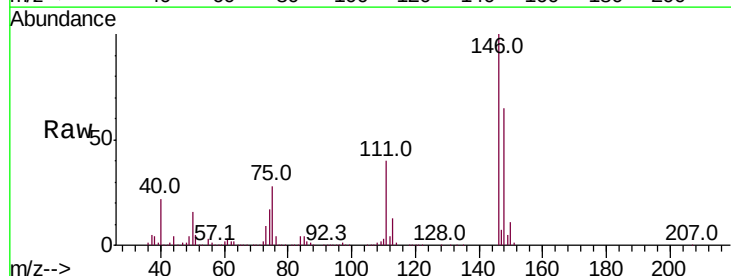
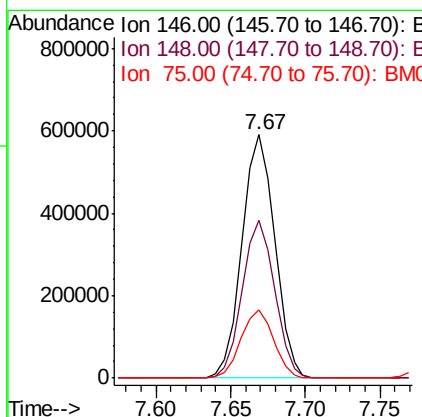
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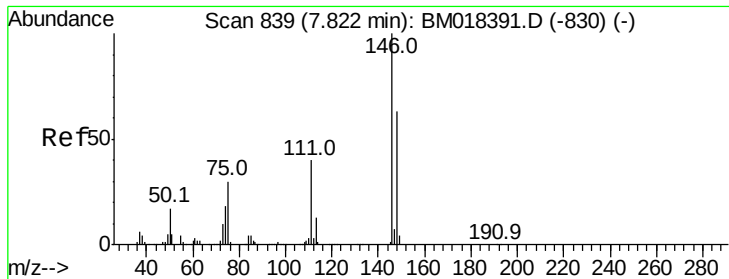
Sohil
12/28/2018 12:30:40 PM



#12
1,3-Dichlorobenzene
Concen: 25.835 ng
RT: 7.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
75	27.9	23.0	34.6





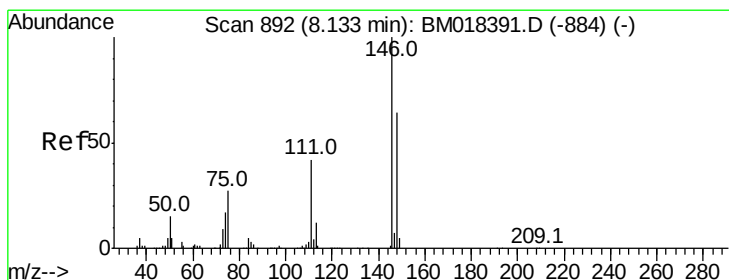
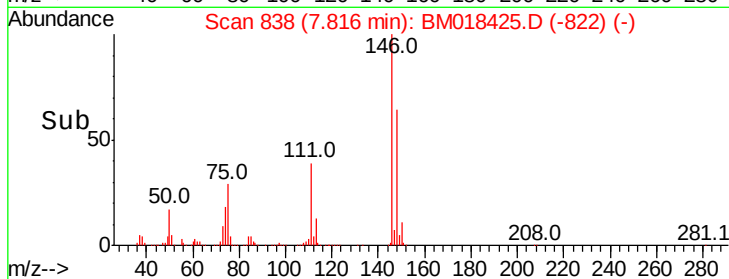
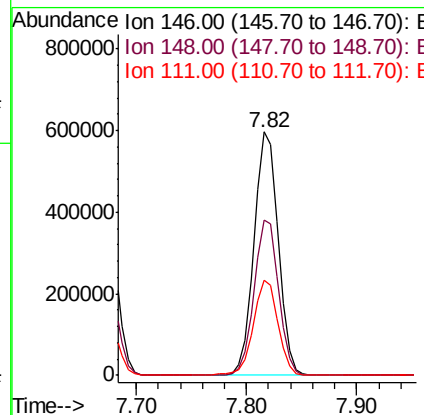
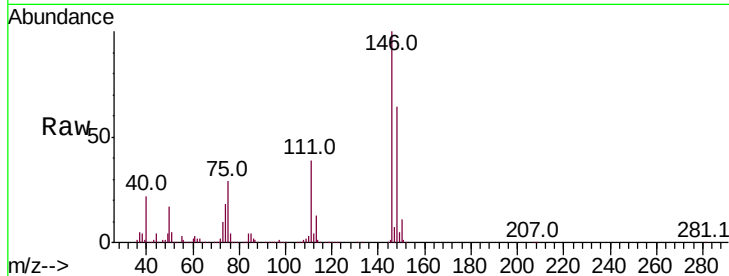
#13
 1,4-Dichlorobenzene
 Concen: 25.954 ng
 RT: 7.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	39.3	32.2	48.2

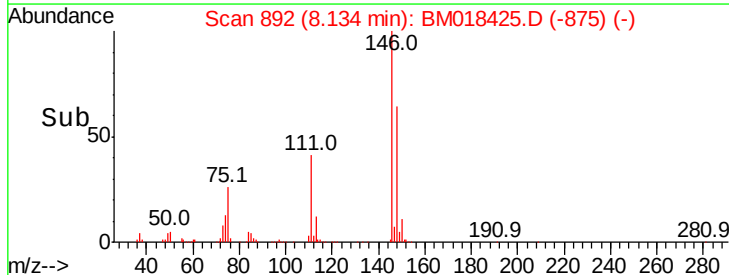
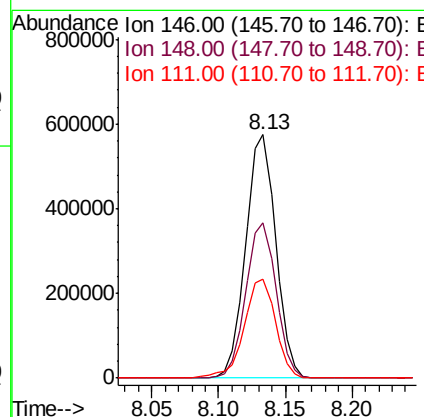
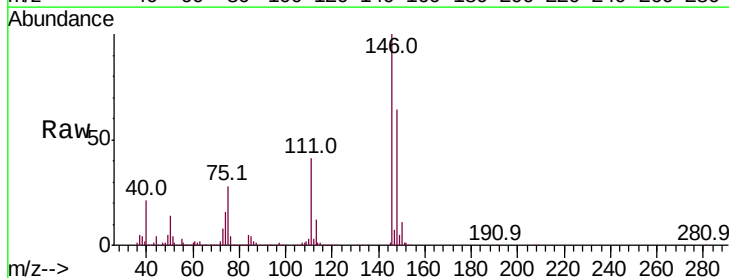
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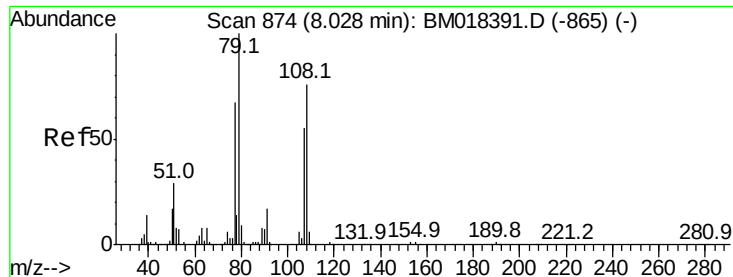
Sohil
 12/28/2018 12:30:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 25.677 ng
 RT: 8.13 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	40.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 23.758 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

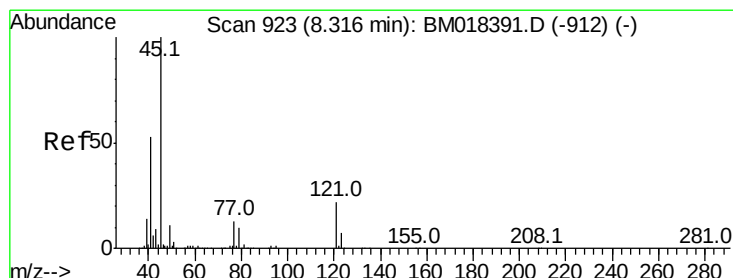
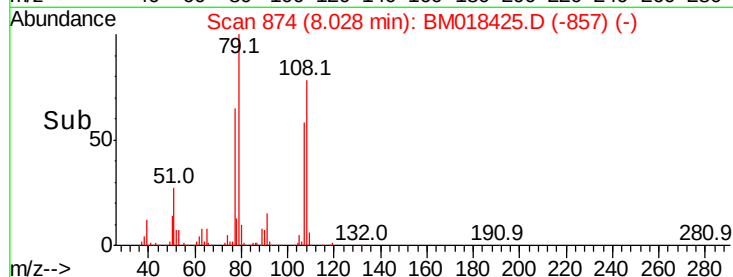
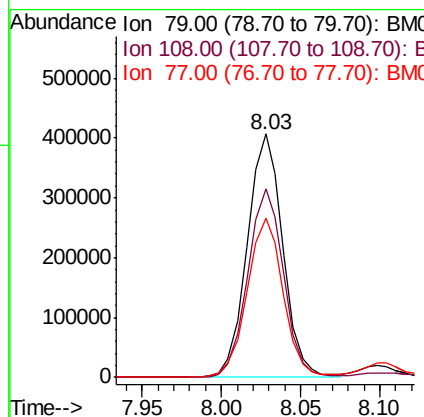
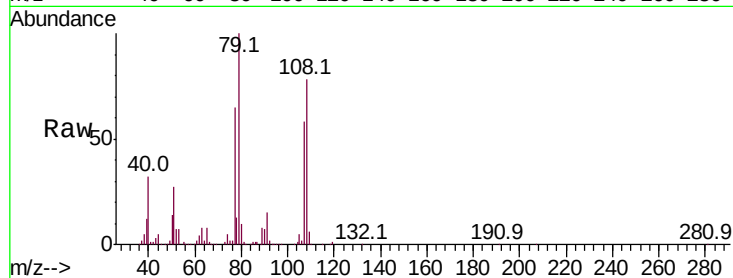
ClientSampleId :

PB116023BS

Tot Ion:	79	Resp:	630346
Ion Ratio	Lower	Upper	
79	100		
108	77.7	60.4	90.6
77	65.4	53.4	80.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 22.506 ng

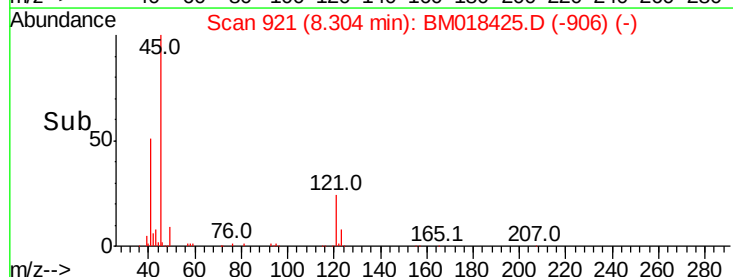
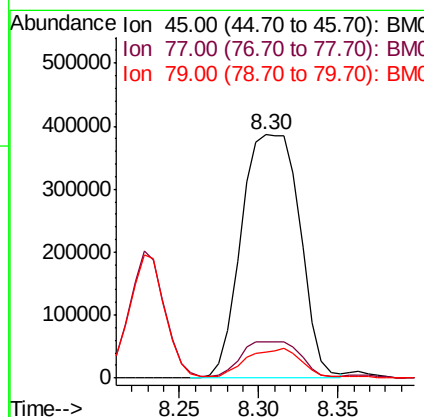
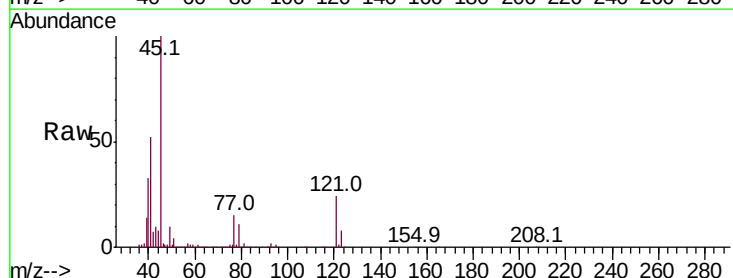
RT: 8.30 min Scan# 921

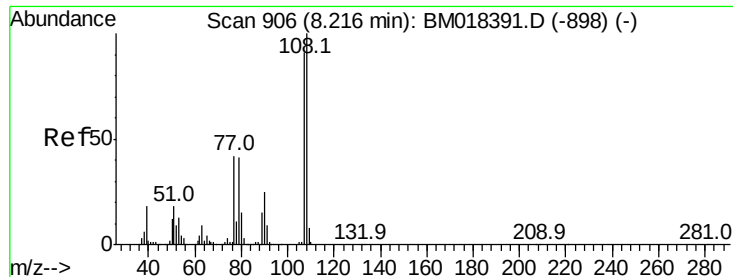
Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Tgt Ion:	45	Resp:	982405
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	33.4
79	10.7	0.0	31.1





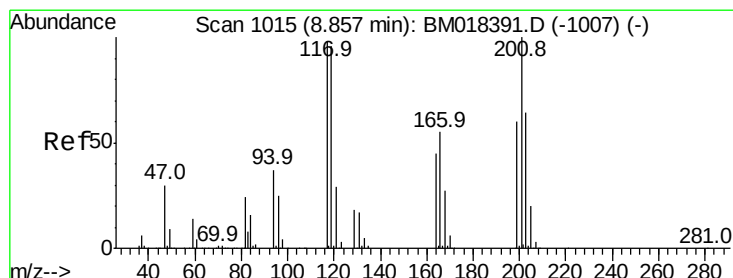
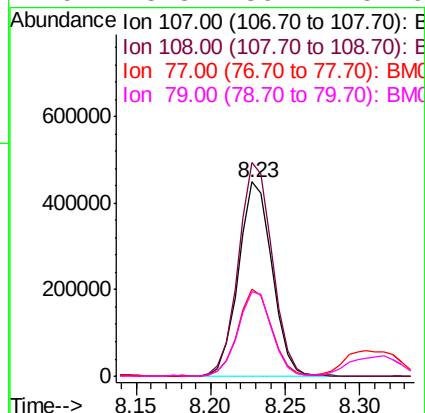
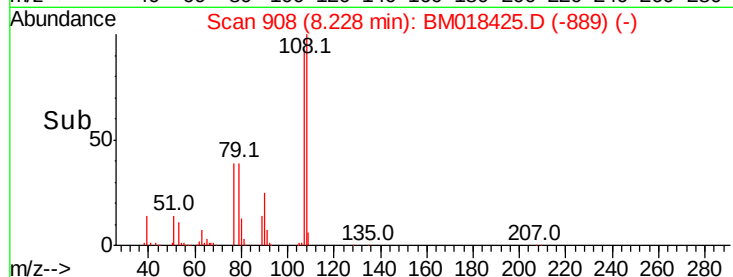
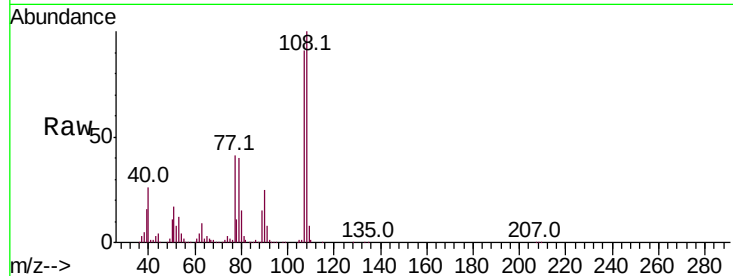
#17
2-Methylphenol
Concen: 28.174 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.5	131.3	
77	44.9	37.3	55.9	
79	43.8	36.4	54.6	

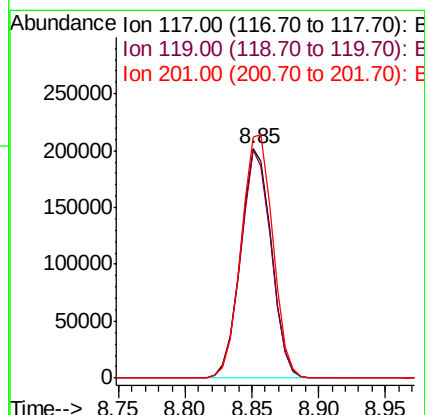
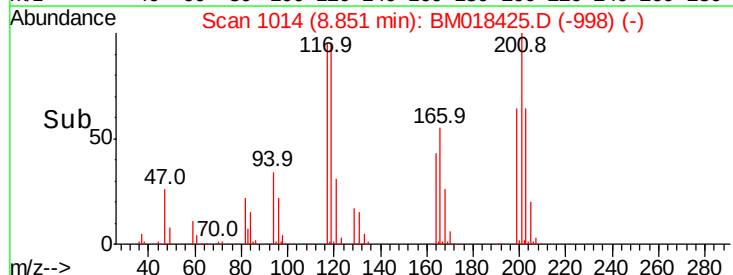
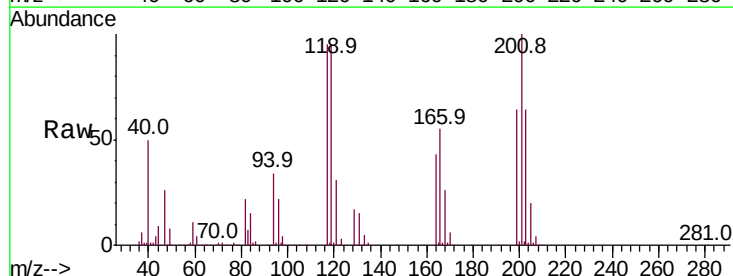
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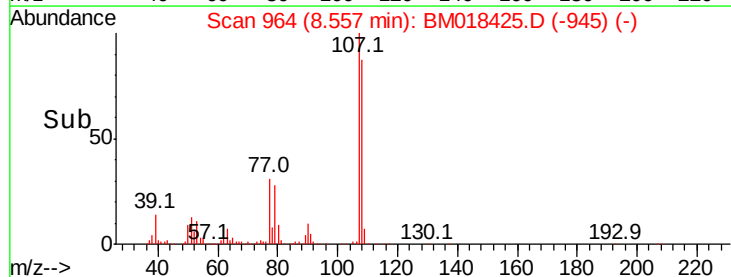
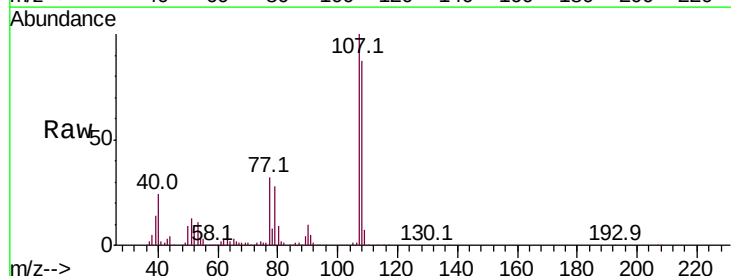
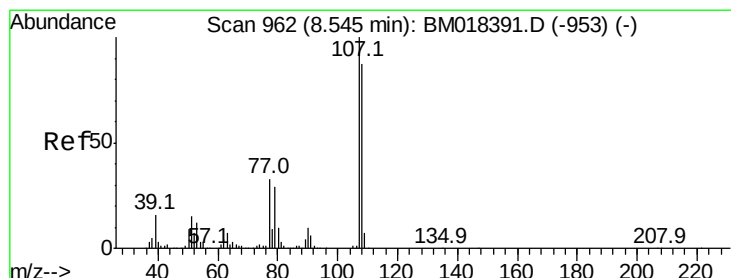
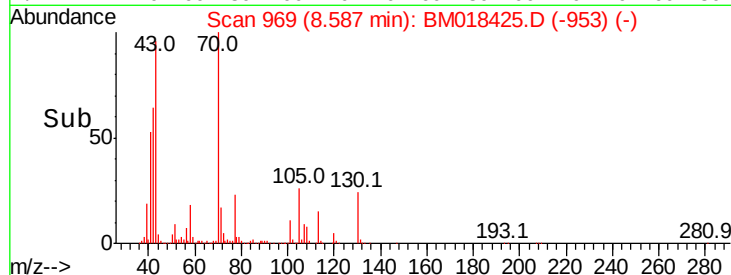
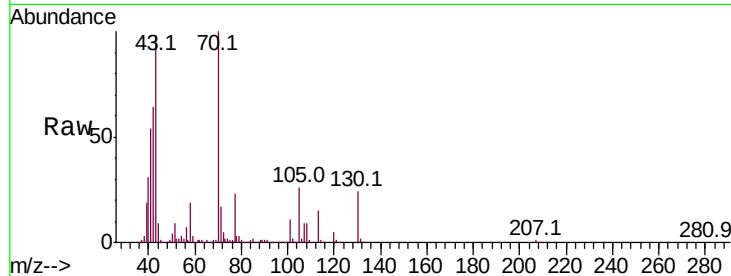
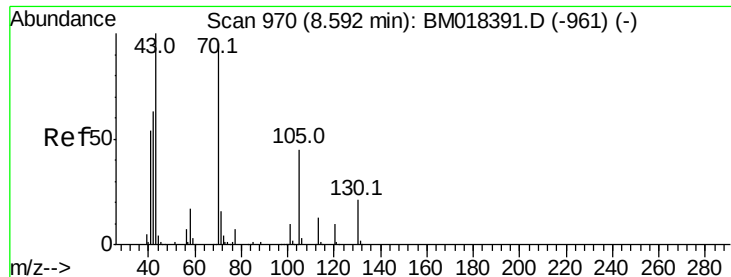
Sohil
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#18
Hexachloroethane
Concen: 25.458 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

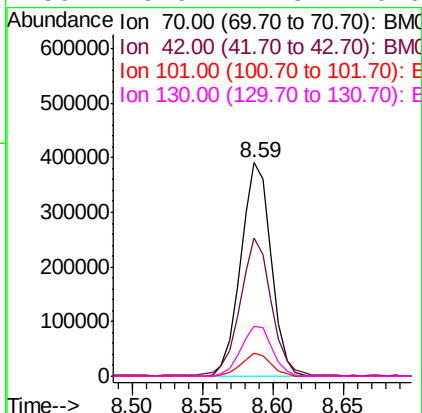
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	78.3	117.5	
201	104.9	81.4	122.0	





#19
n-Nitroso-di-n-propylamine
Concen: 22.571 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.5	54.0	81.0		
101	10.9	8.1	12.1		
130	23.6	17.8	26.6		



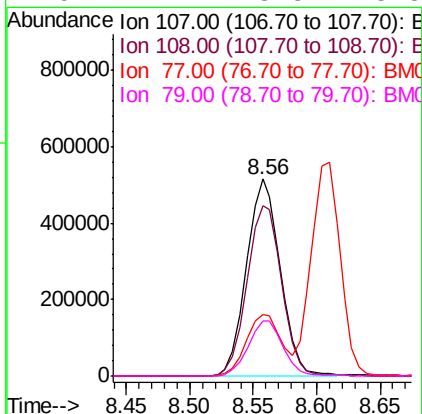
Instrument :
BNA_M
ClientSampleId :
PB116023BS

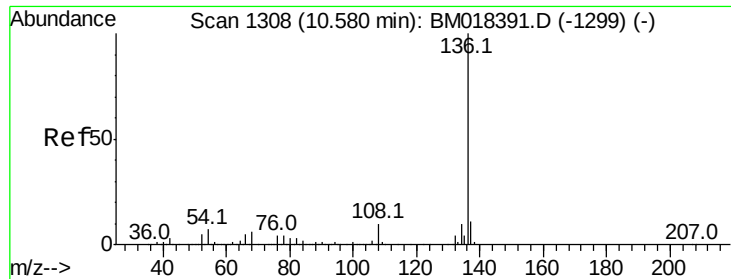
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12/28/2018 12:30:40 PM

#20
3+4-Methylphenols
Concen: 28.551 ng
RT: 8.56 min Scan# 964
Delta R.T. 0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.7	66.8	106.8		
77	31.5	13.3	53.3		
79	27.7	8.8	48.8		





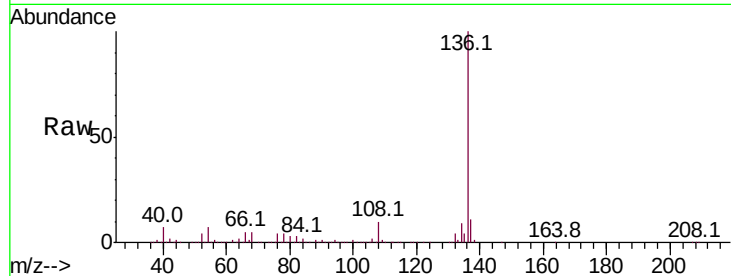
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	136	Resp	1972724
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.8	6.0	9.0
68	5.1	4.5	6.7

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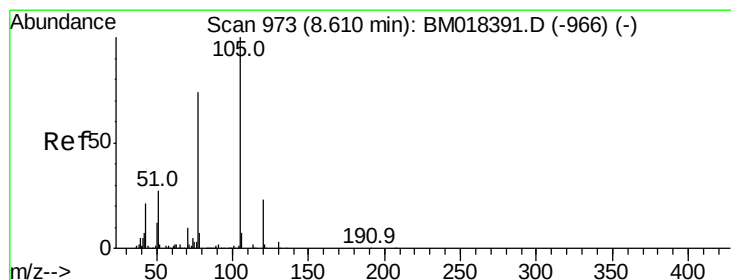
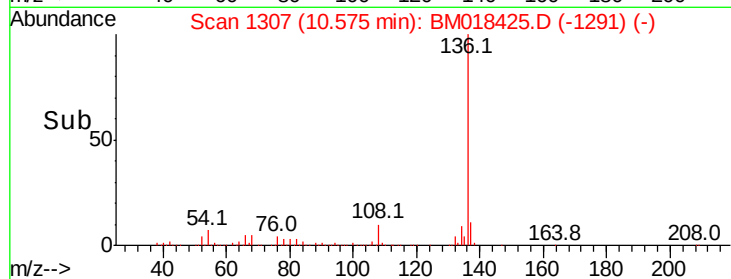
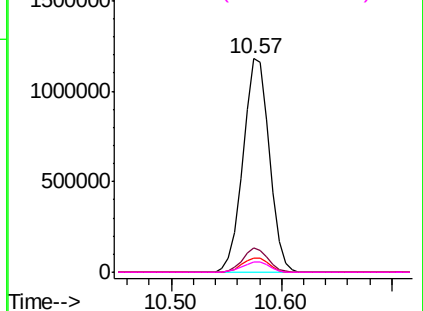
Abundance

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: 23.853 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	105	Resp	1194705
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.7	2.5#
51	26.0	22.6	34.0
120	23.2	18.3	27.5

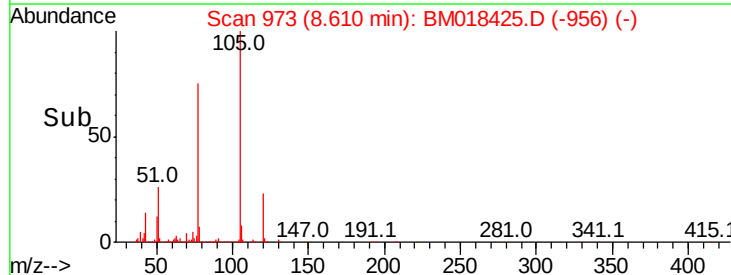
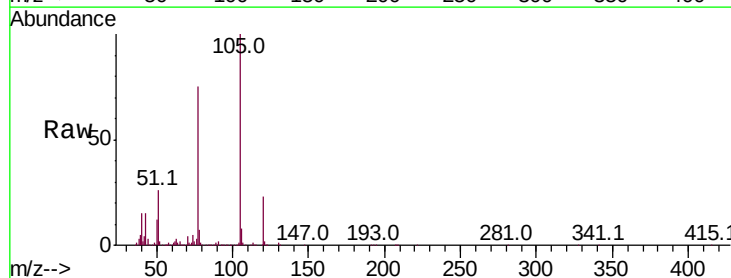
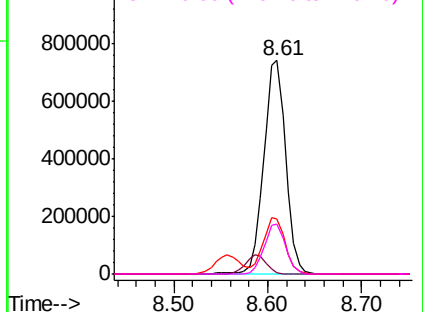
Abundance

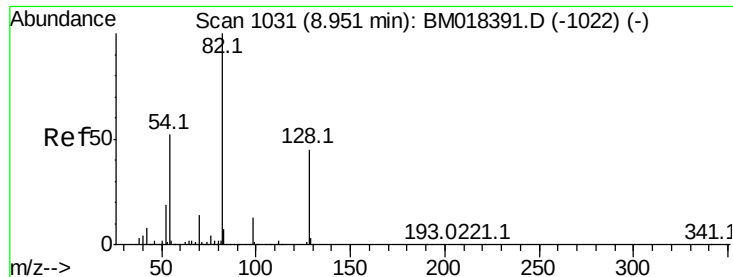
Ion 105.00 (104.70 to 105.70): E

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: 53.278 ng

RT: 8.95 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion: 82 Resp: 1831248

Ion Ratio Lower Upper

82 100

128 47.0 36.3 54.5

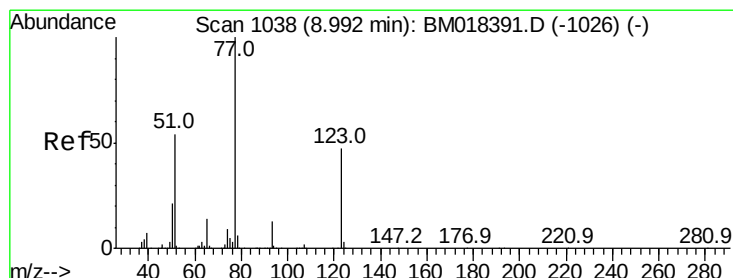
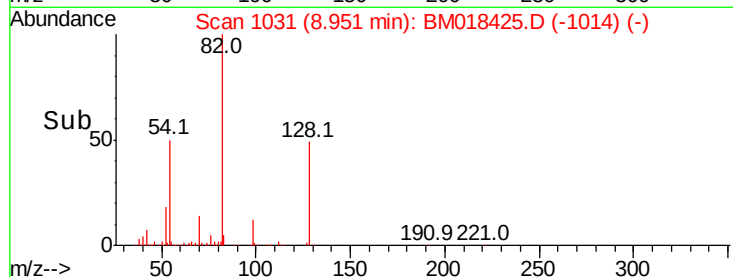
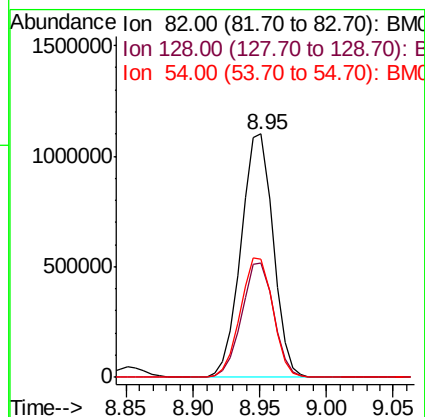
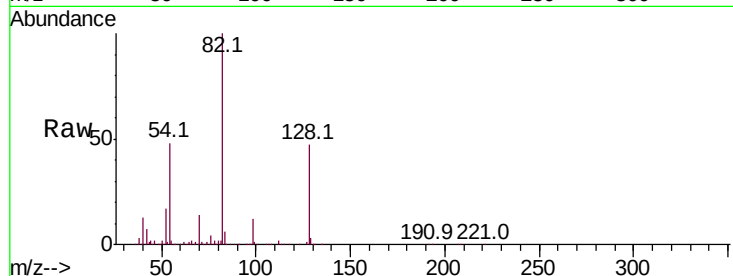
54 48.3 41.7 62.5

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#24

Nitrobenzene

Concen: 25.333 ng

RT: 8.99 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

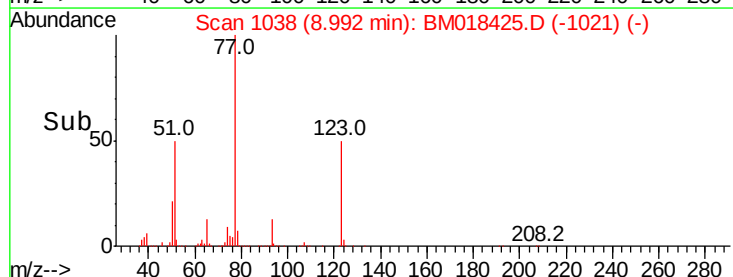
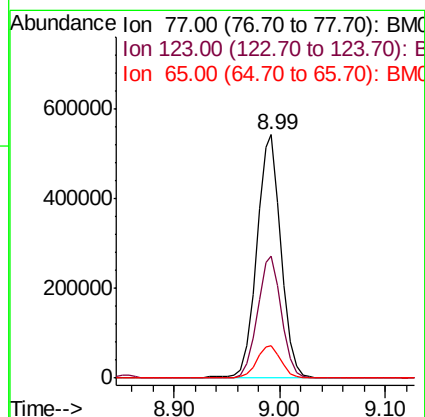
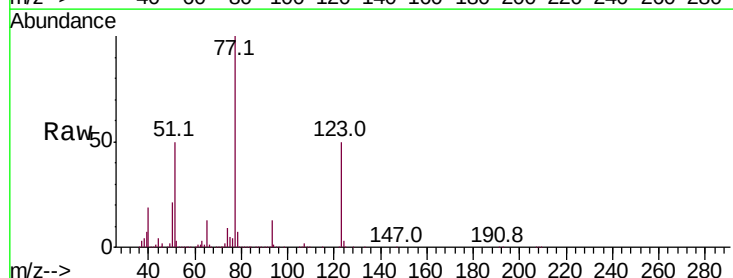
Tgt Ion: 77 Resp: 861690

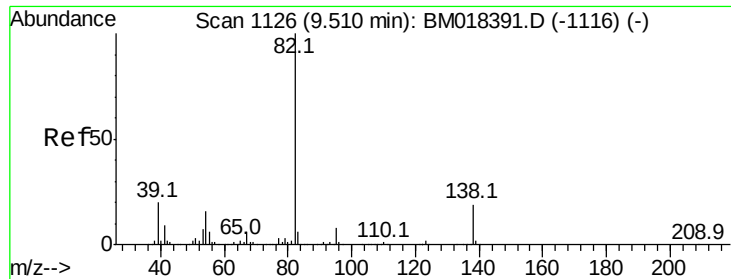
Ion Ratio Lower Upper

77 100

123 50.2 37.7 56.5

65 13.3 11.0 16.6





#25

Isophorone

Concen: 26.718 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion: 82 Resp: 1592927

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

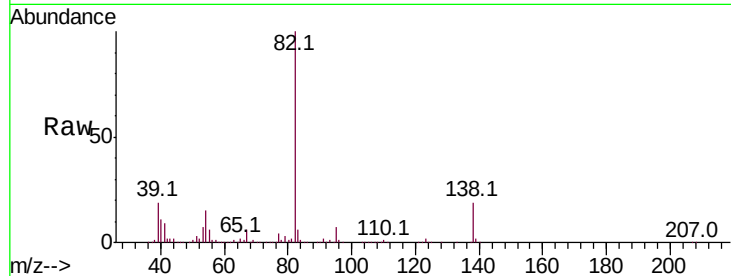
138 19.4 15.1 22.7

Manual Integrations

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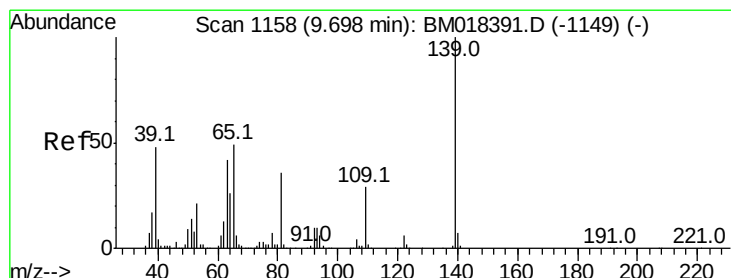
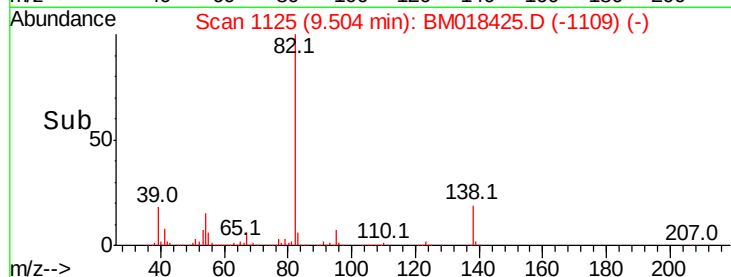
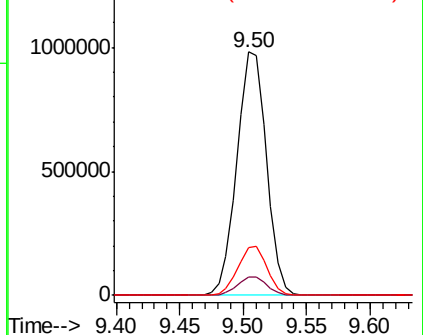
12/28/2018 12:30:40 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1116) (-)



#26

2-Nitrophenol

Concen: 31.845 ng

RT: 9.69 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

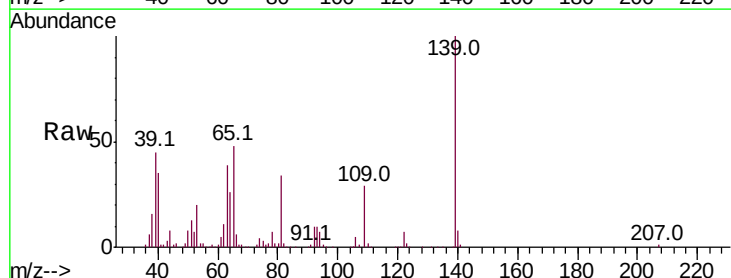
Tgt Ion: 139 Resp: 420231

Ion Ratio Lower Upper

139 100

109 29.2 23.4 35.2

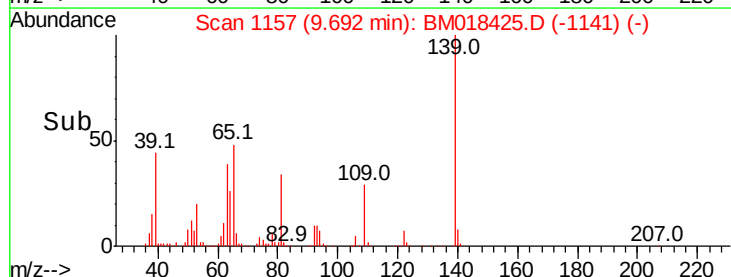
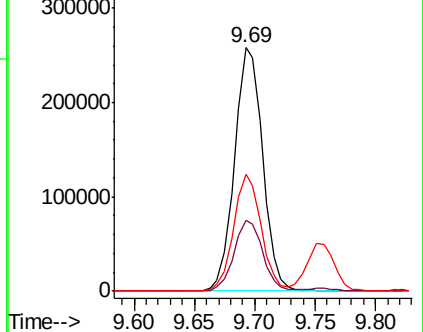
65 48.1 39.4 59.2

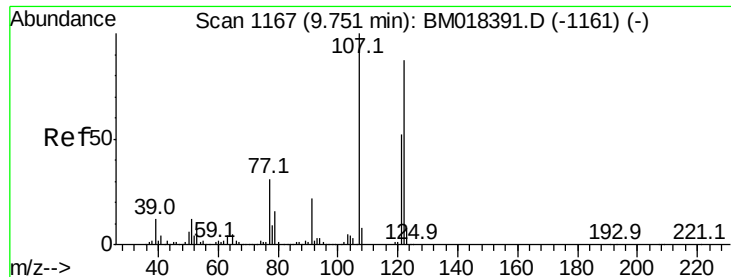


Abundance Ion 139.00 (138.70 to 139.70): BM018391.D (-1149) (-)

Ion 109.00 (108.70 to 109.70): BM018391.D (-1149) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-1149) (-)





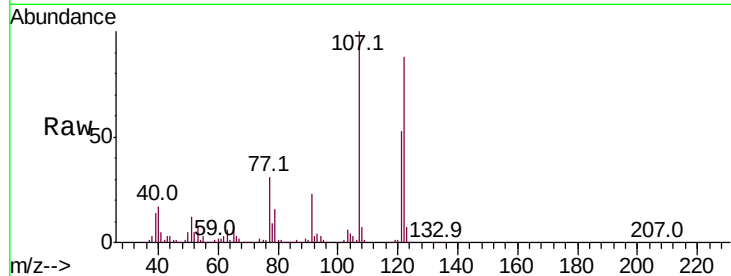
#27
2,4-Dimethylphenol
Concen: 32.250 ng
RT: 9.76 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	796424		
107	113.9	91.9	137.9	
121	60.3	47.5	71.3	

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12/28/2018 12:30:40 PM

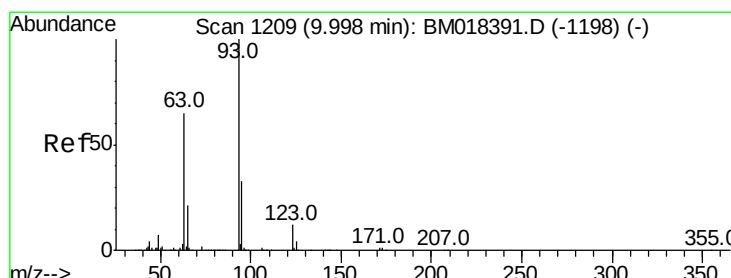
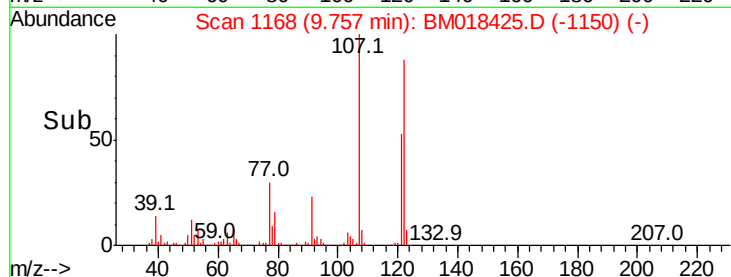
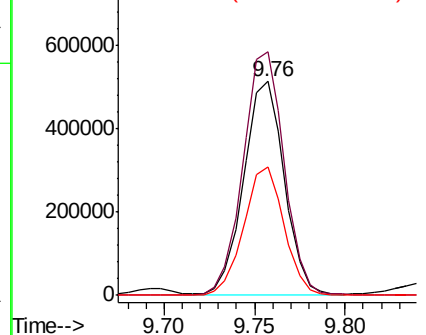


Abundance

Ion 122.00 (121.70 to 122.70): E

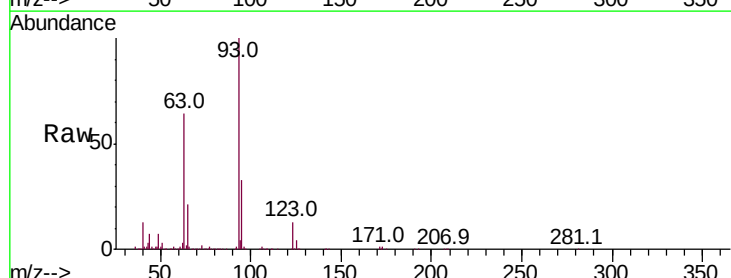
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 26.972 ng
RT: 9.99 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1009307		
95	32.5	26.6	39.8	
123	12.5	9.9	14.9	

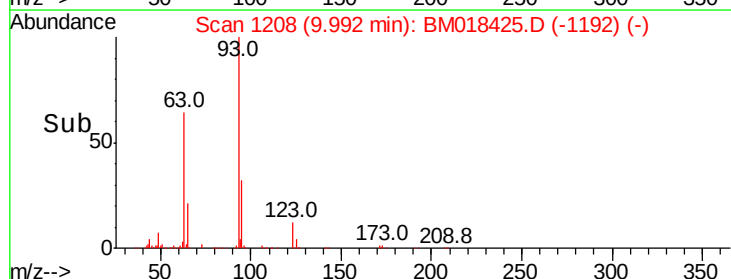
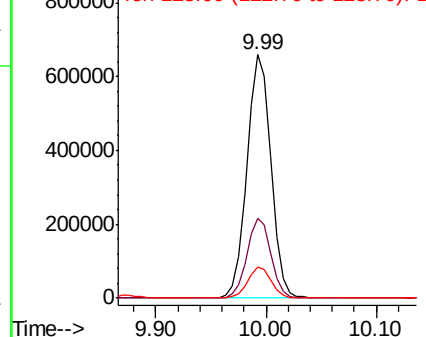


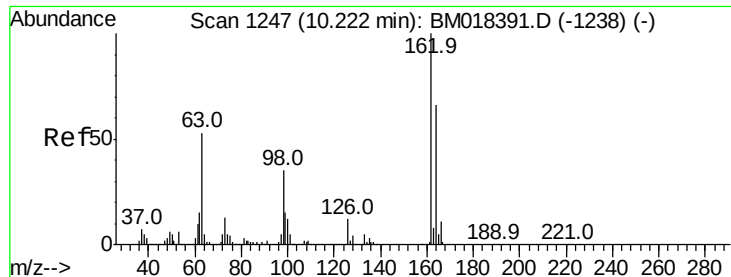
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





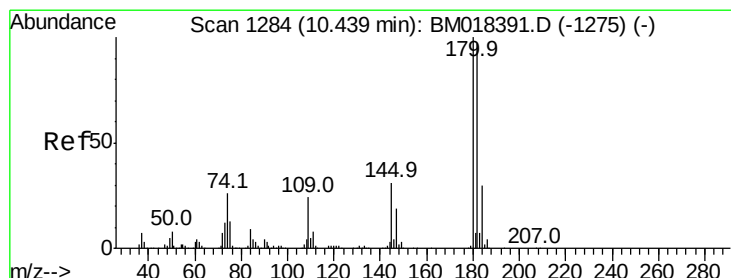
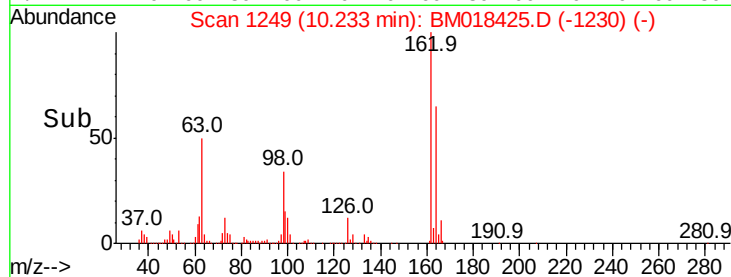
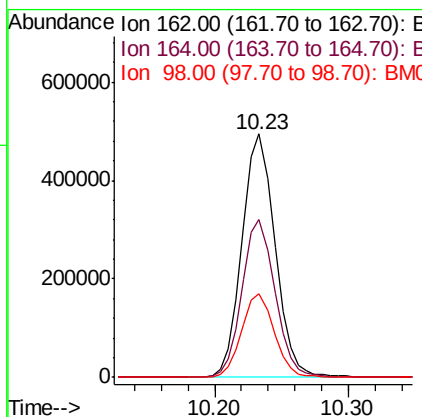
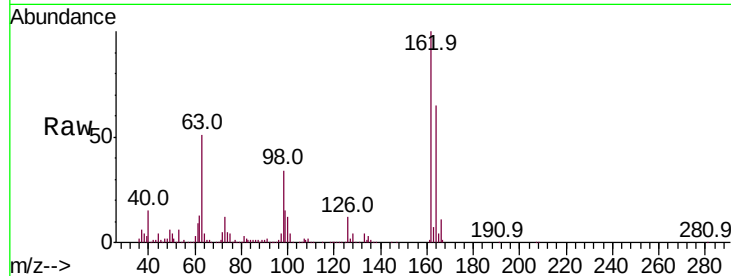
#29
2,4-Dichlorophenol
Concen: 31.062 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	848406		
164	65.0		45.6	85.6
98	34.2		14.7	54.7

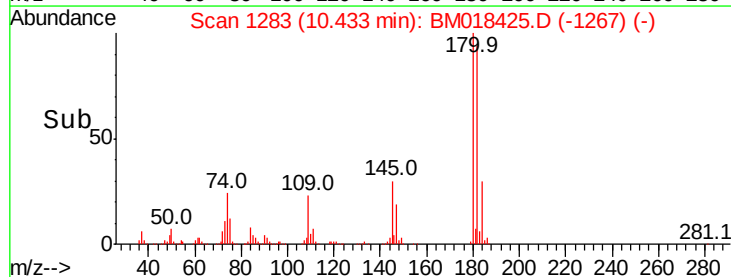
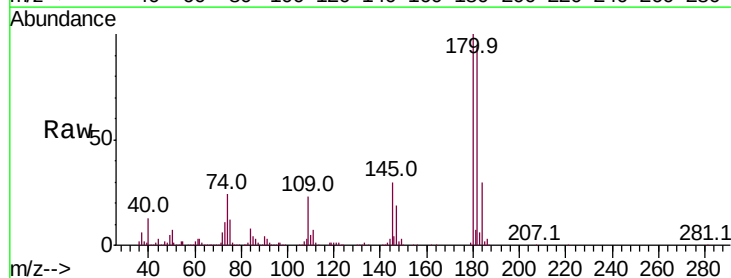
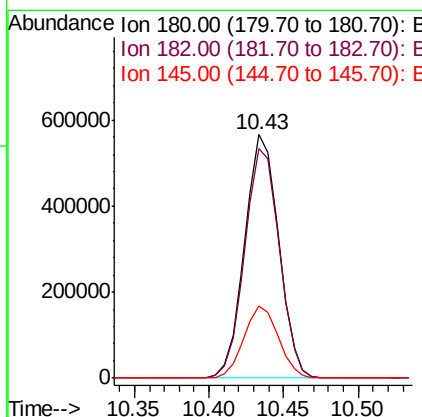
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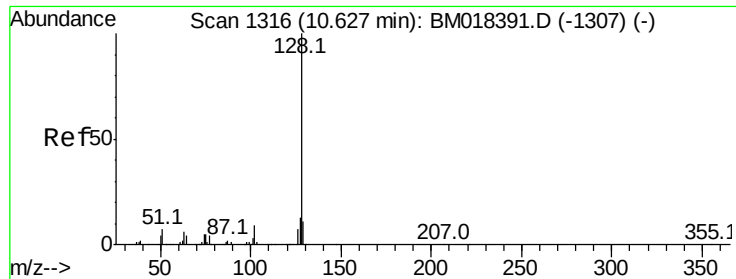
Sohil
12/28/2018 12:30:40 PM



#30
1,2,4-Trichlorobenzene
Concen: 26.700 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	893358		
182	94.4		77.4	116.2
145	29.9		24.6	37.0





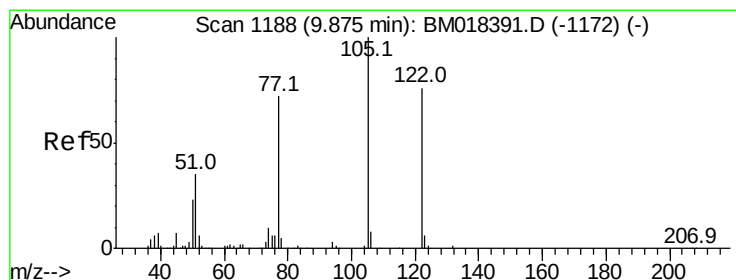
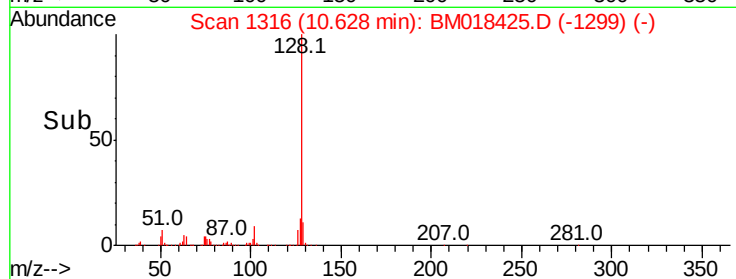
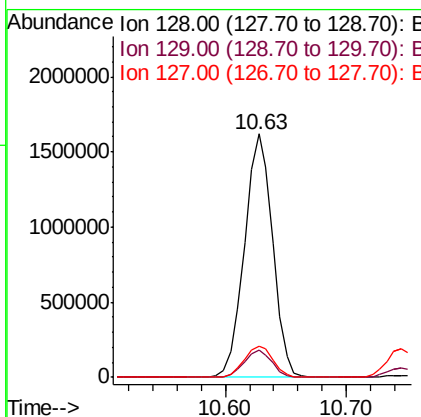
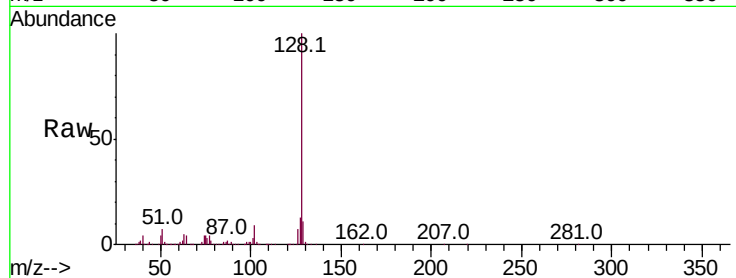
#31
Naphthalene
Concen: 27.705 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.9	10.8	16.2

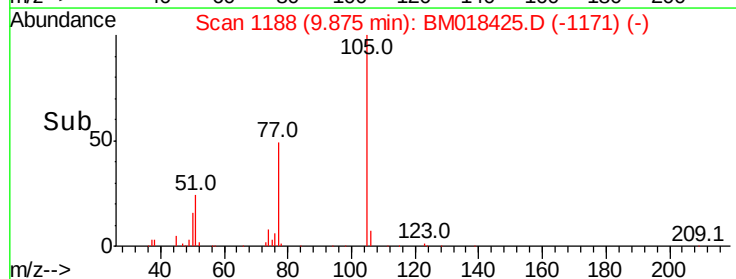
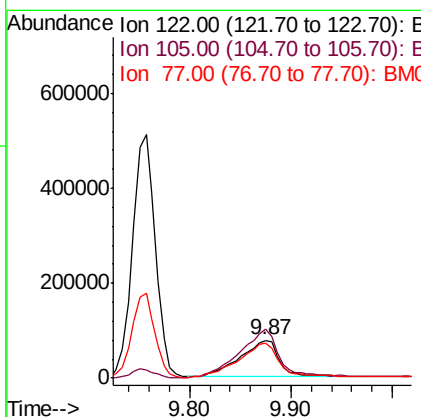
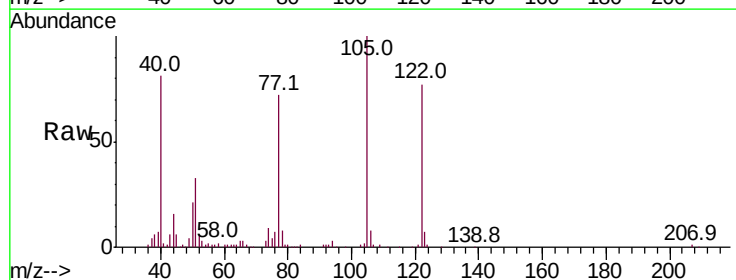
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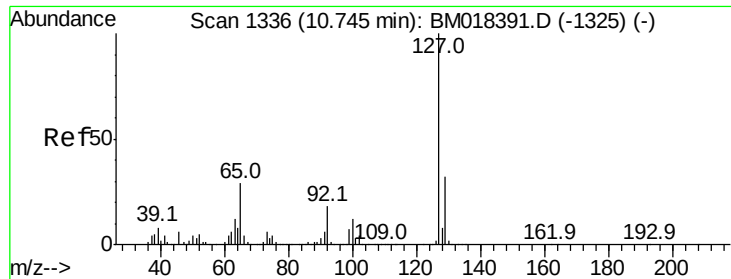
Sohil
12/28/2018 12:30:40 PM



#32
Benzoic acid
Concen: 19.932 ng
RT: 9.87 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	100.4	140.4
77	93.1	71.7	111.7





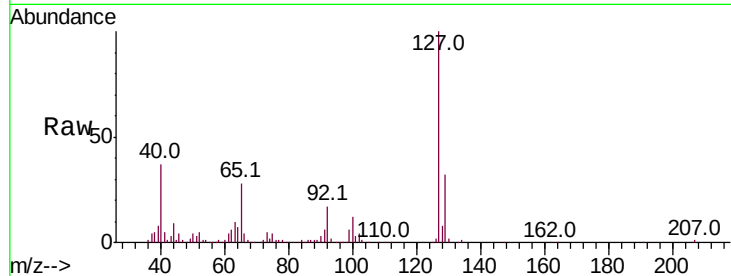
#33
4-Chloroaniline
Concen: 7.966 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	27.7	23.4	35.2		
92	16.8	14.5	21.7		

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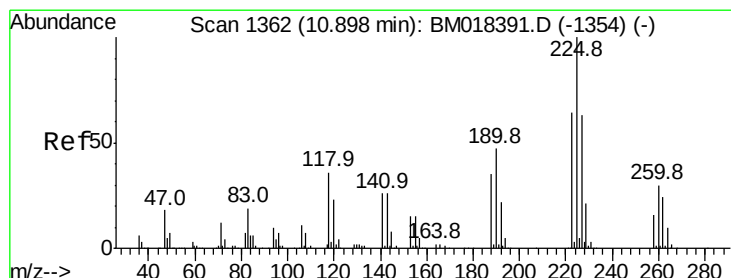
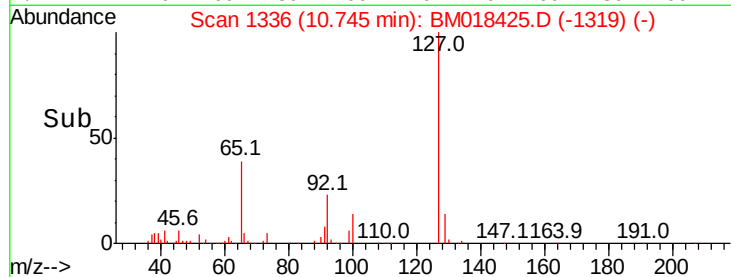
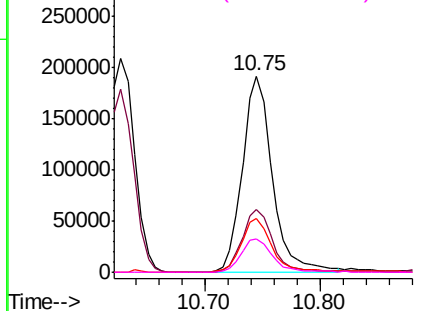
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

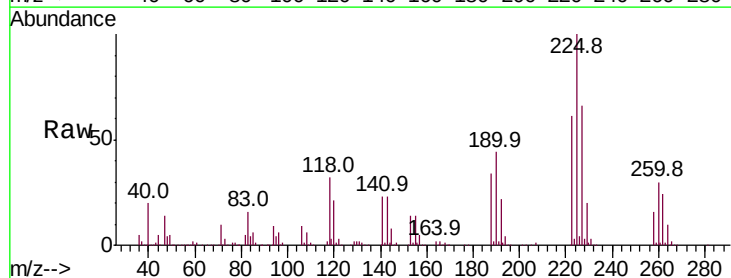
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 25.903 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.5	50.8	76.2		
227	65.8	50.4	75.6		

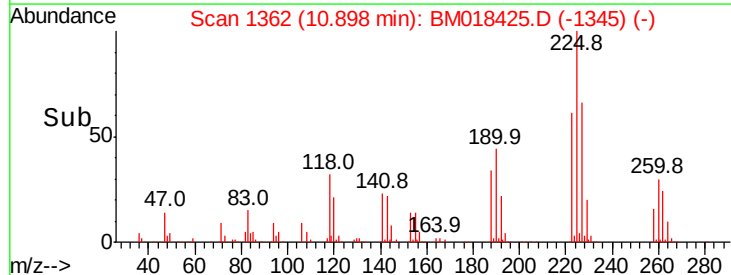
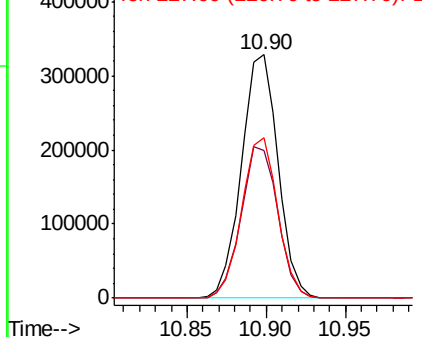


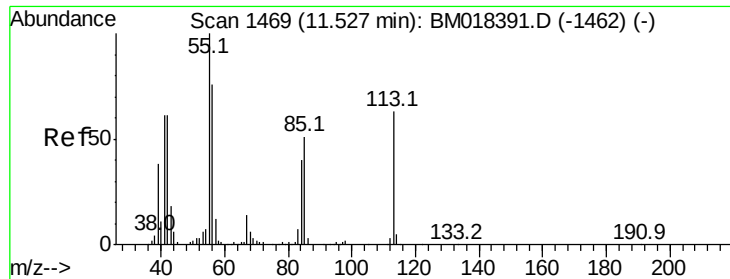
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





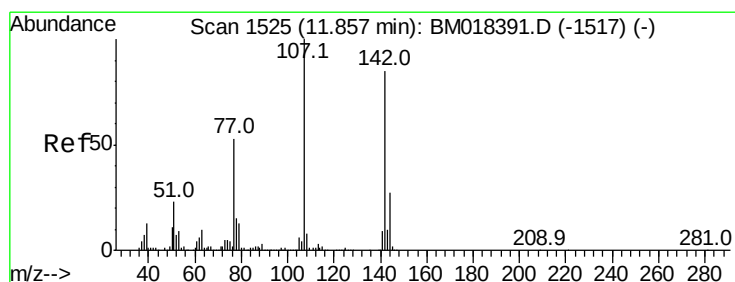
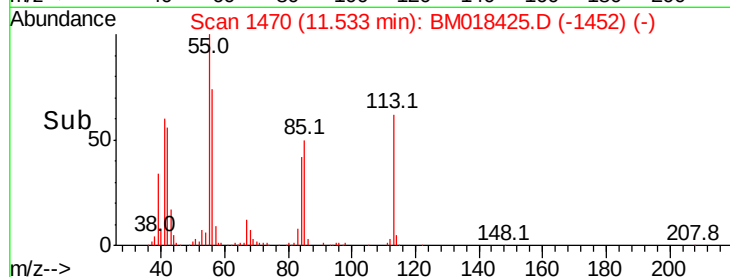
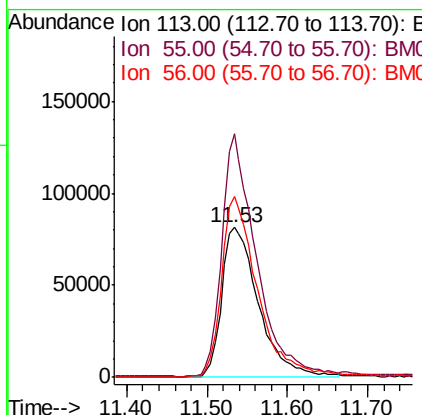
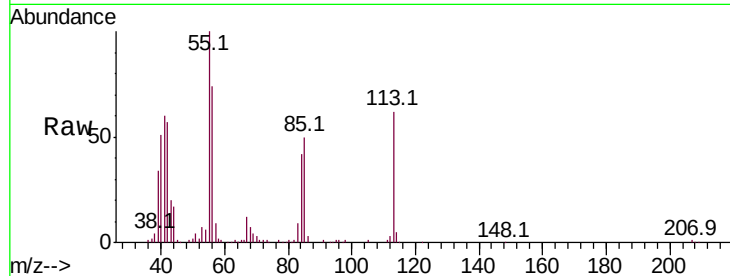
#35
 Caprolactam
 Concen: 25.873 ng/ml
 RT: 11.53 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Instrument :
 BNA_M
 ClientSampleID :
 PB116023BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.4	139.3	179.3
56	120.4	101.4	141.4

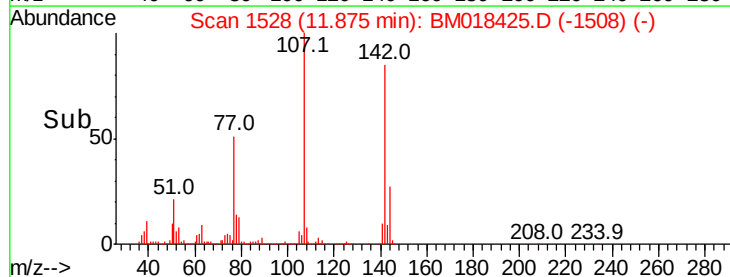
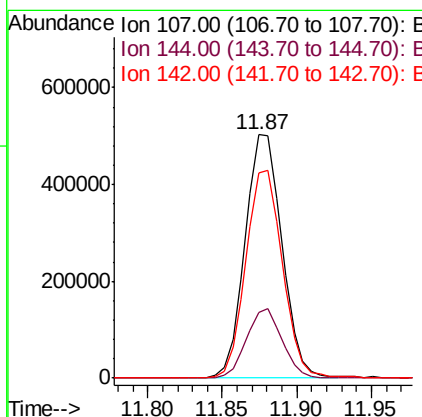
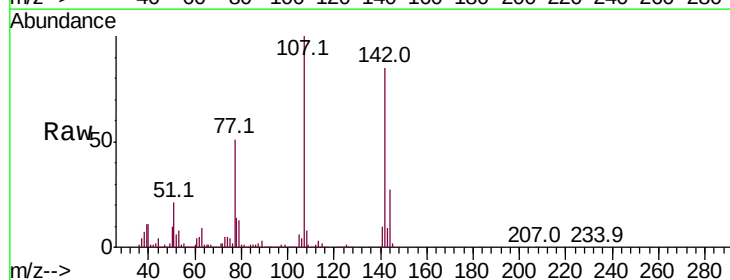
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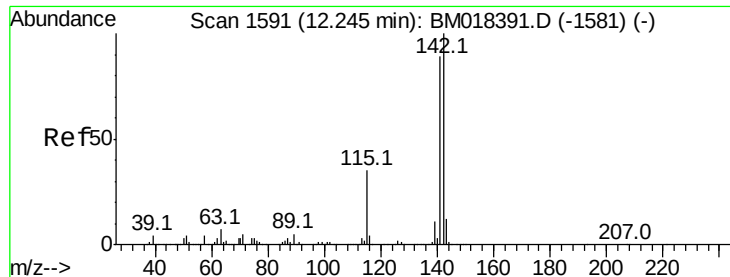
Sohil
 12/28/2018 12:30:40 PM



#36
 4-Chloro-3-methylphenol
 Concen: 27.776 ng/ml
 RT: 11.87 min Scan# 1528
 Delta R.T. 0.02 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.9	32.9
142	84.5	67.9	101.9





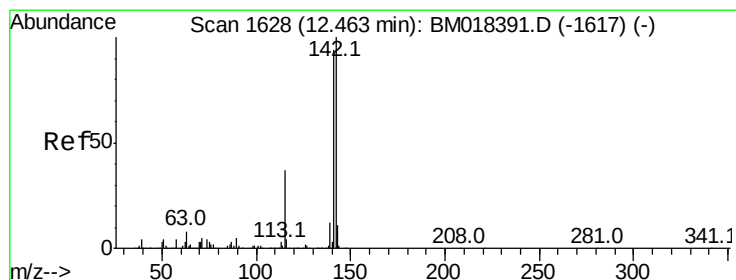
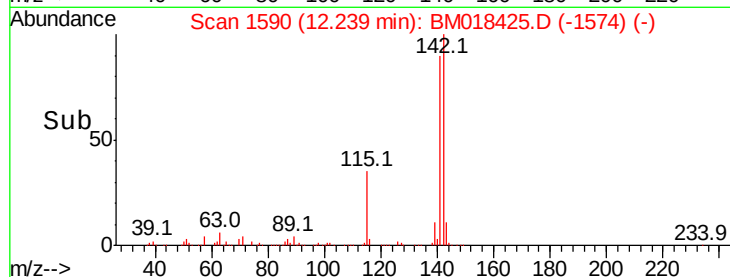
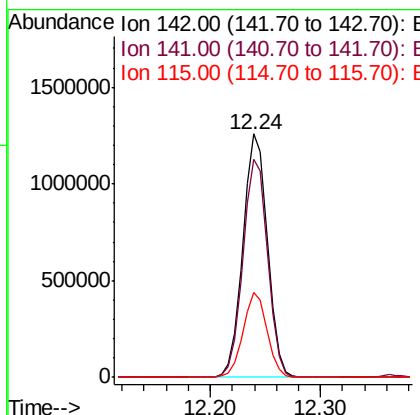
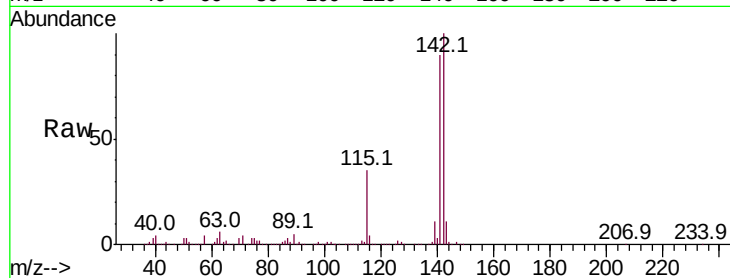
#37
2-Methylnaphthalene
Concen: 28.219 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	34.8	28.0	42.0

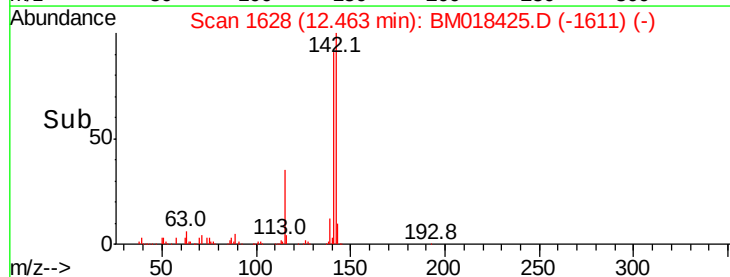
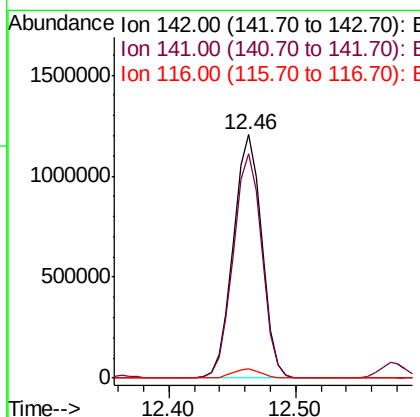
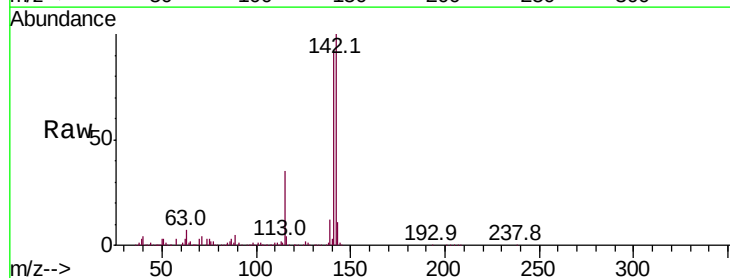
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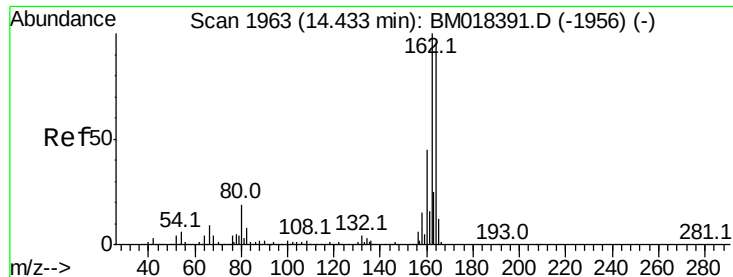
Sohil
12/28/2018 12:30:40 PM



#38
1-Methylnaphthalene
Concen: 27.563 ng
RT: 12.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.6	113.4
116	3.7	3.0	4.6





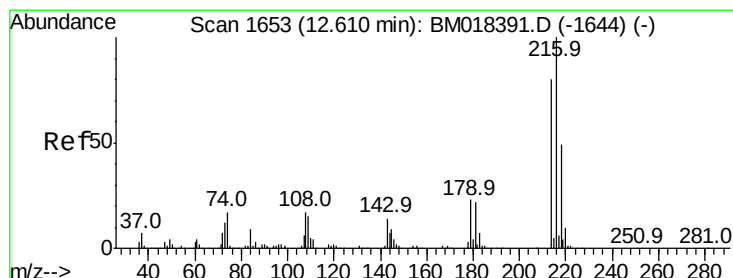
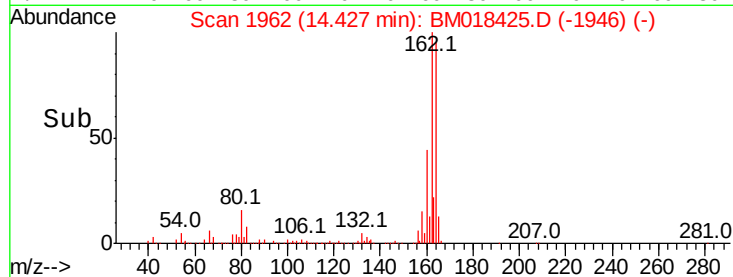
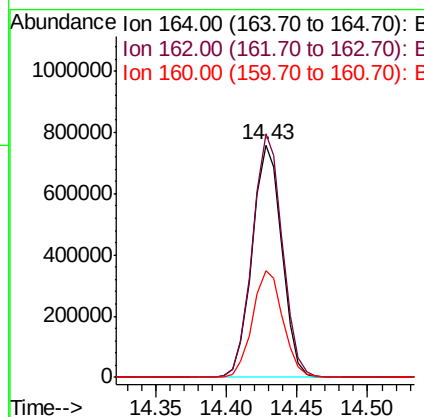
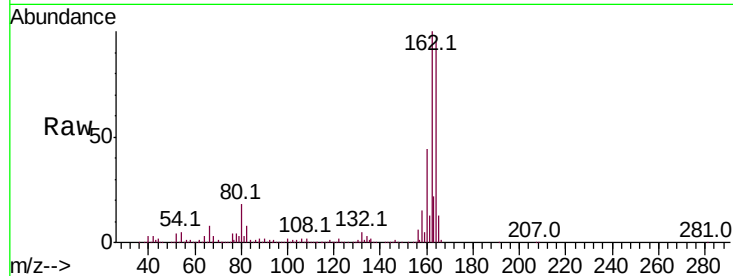
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	46.2	37.1	55.7

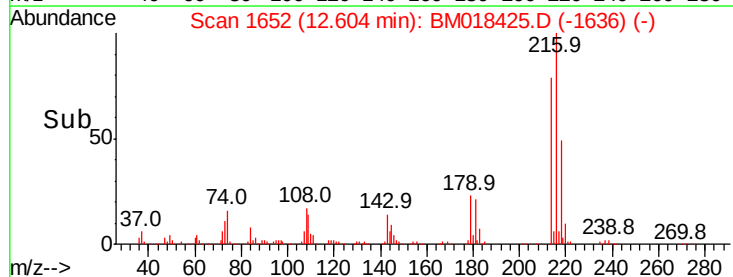
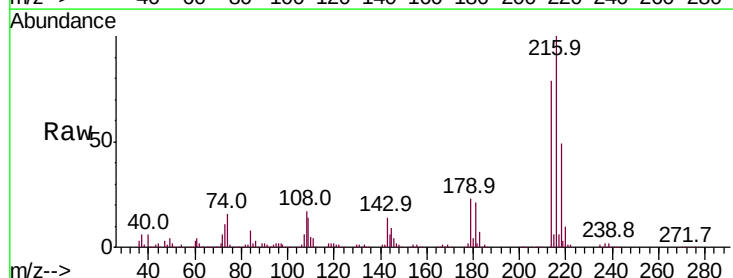
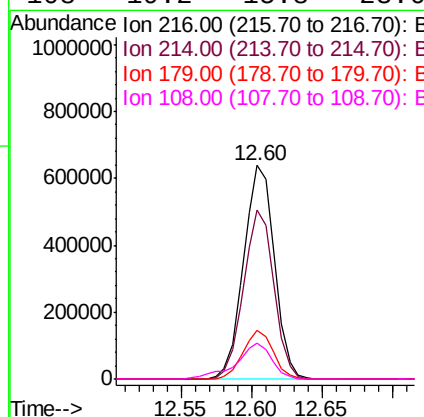
Manual Integrations
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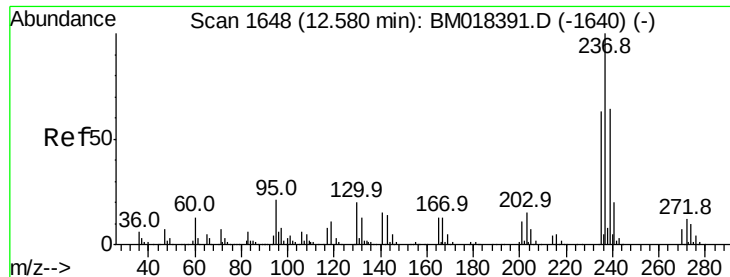
Sohil
12/28/2018 12:30:40 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.799 ng
RT: 12.60 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.4	95.0
179	22.1	17.9	26.9
108	19.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 51.762 ng

RT: 12.57 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

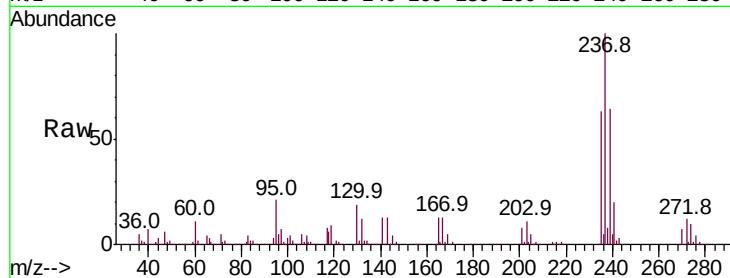
ClientSampleId :

PB116023BS

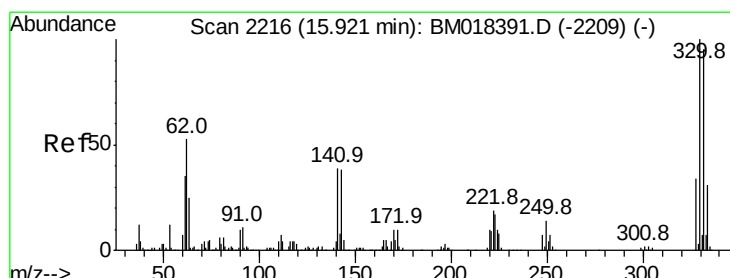
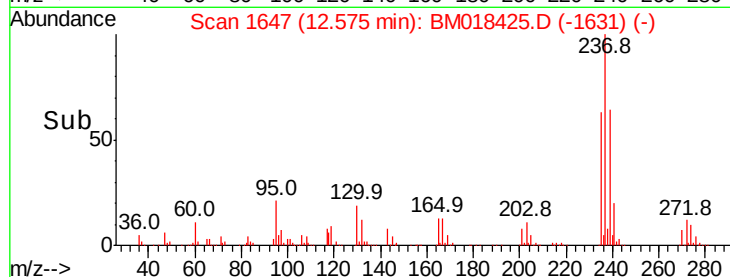
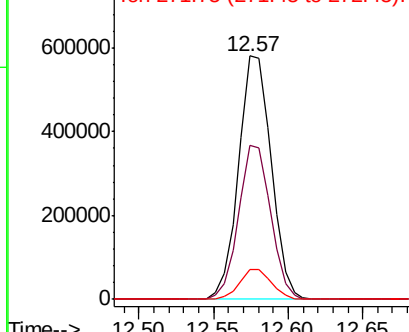
Tot Ion:	237	Resp:	881312
Ion Ratio		Lower	Upper
237	100		
235	63.1	42.8	82.8
272	12.1	0.0	31.9

Manual Integrations
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12/28/2018 12:30:40 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.774 ng

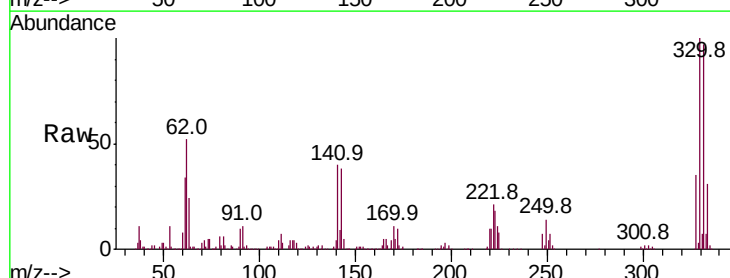
RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

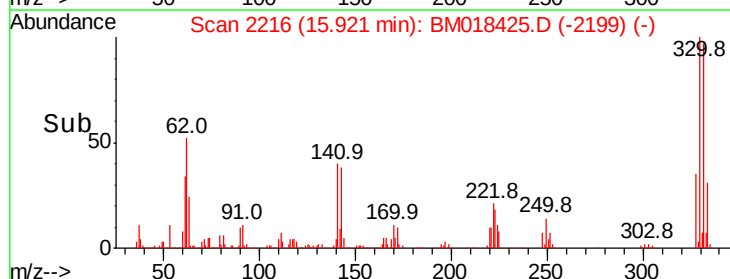
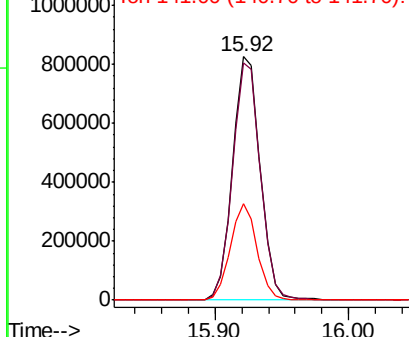
Lab File: BM018425.D

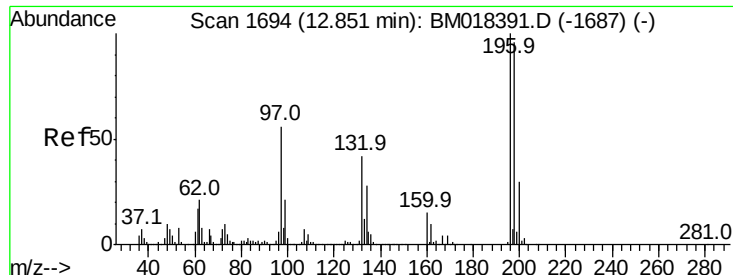
Acq: 28 Dec 2018 09:02

Tgt Ion:	330	Resp:	1193902
Ion Ratio		Lower	Upper
330	100		
332	97.9	77.6	116.4
141	38.4	31.7	47.5



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





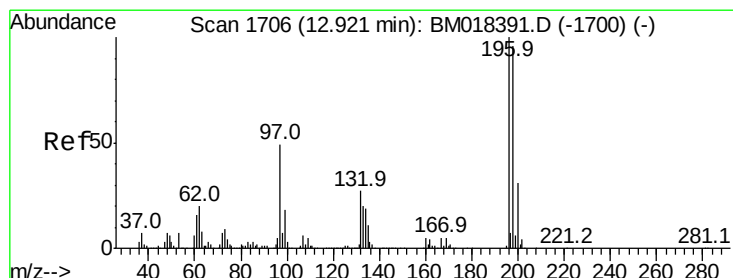
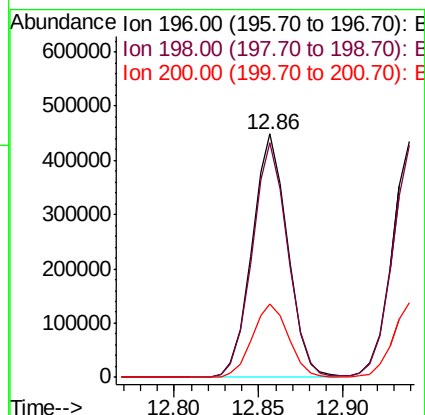
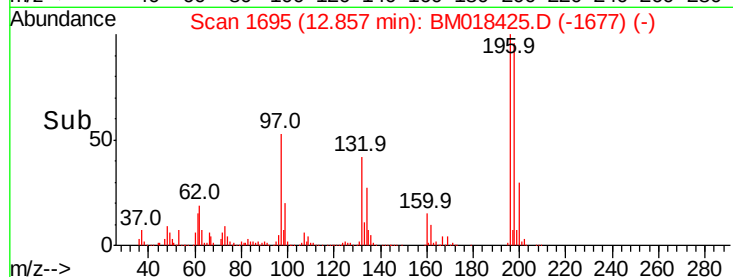
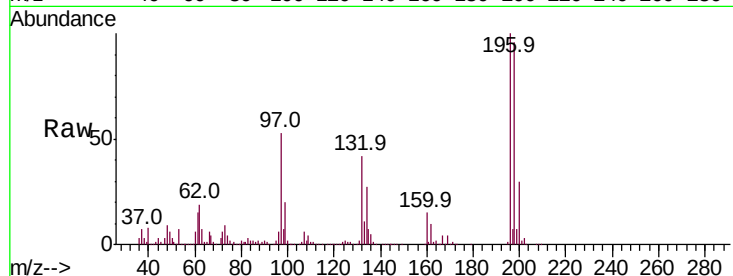
#43
 2,4,6-Trichlorophenol
 Concen: 32.882 ng
 RT: 12.86 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion:	196	Resp:	655863
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.6	115.0
200	30.1	24.2	36.4

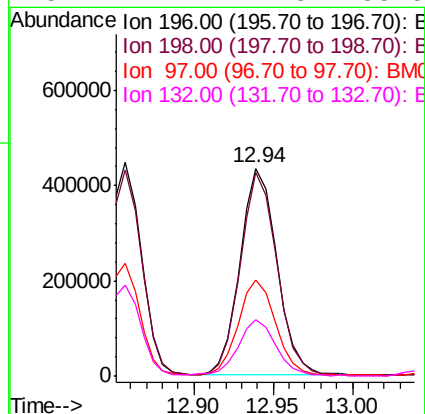
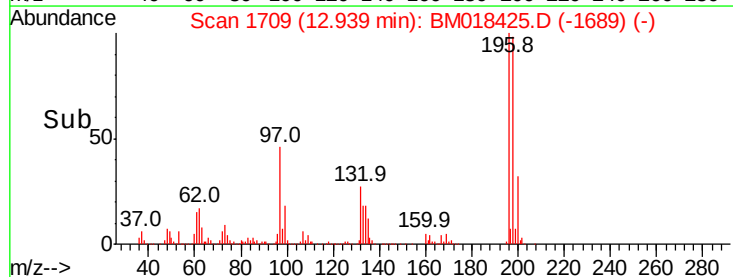
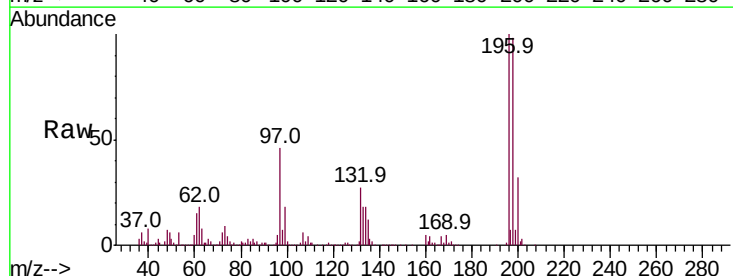
Manual Integrations
 APPROVED

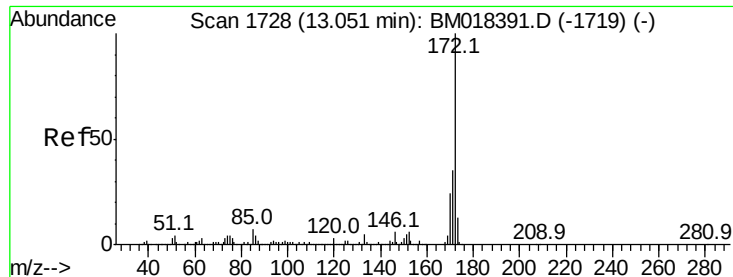
Sohil
 12/28/2018 12:30:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 32.117 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. 0.02 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Tgt Ion:	196	Resp:	700052
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.7	115.1
97	46.3	39.2	58.8
132	27.1	22.3	33.5





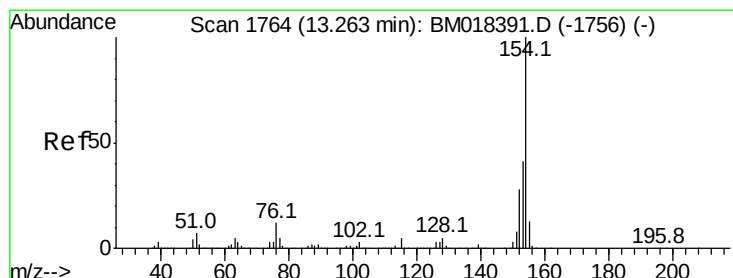
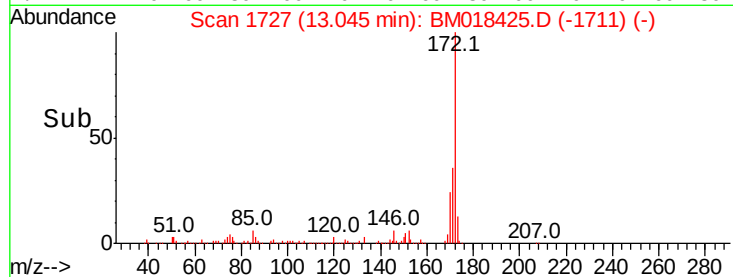
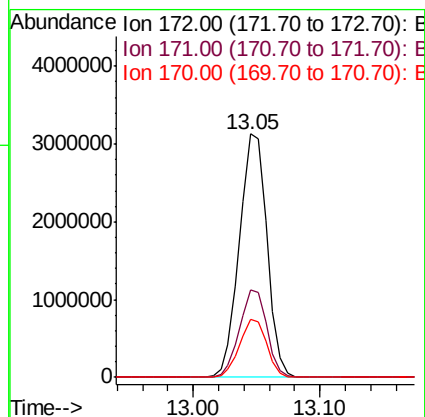
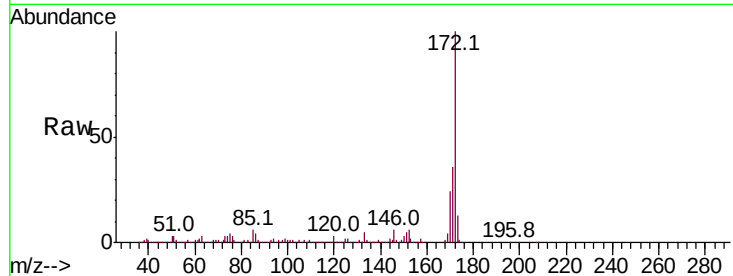
#45
2-Fluorobiphenyl
Concen: 56.906 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.7	18.9	28.3

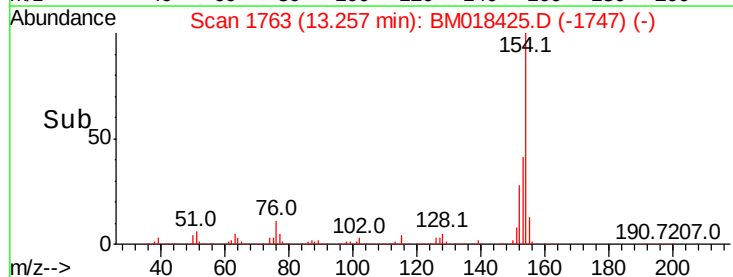
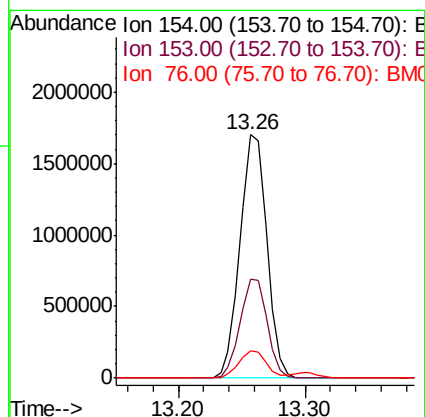
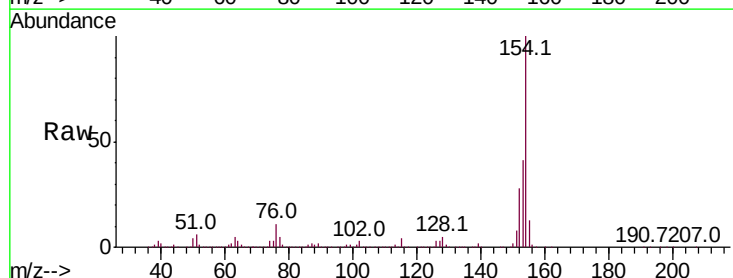
Manual Integrations
APPROVED

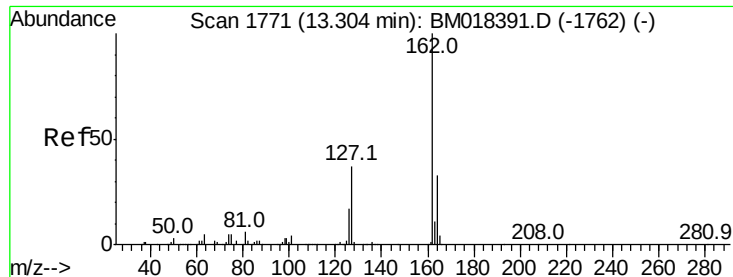
Sohil
12/28/2018 12:30:40 PM



#46
1,1'-Biphenyl
Concen: 26.092 ng
RT: 13.26 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	11.4	0.0	31.9





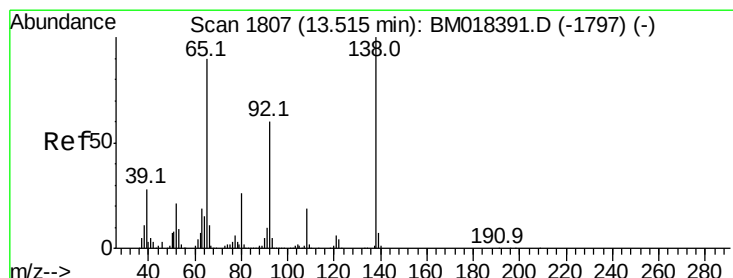
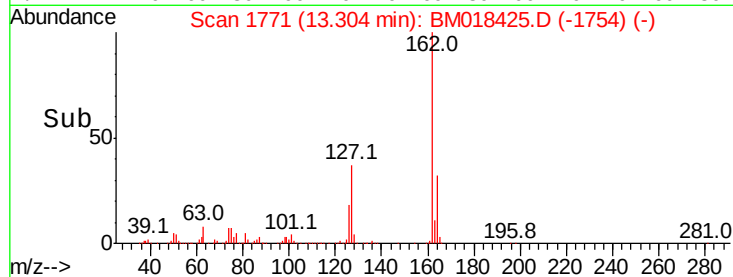
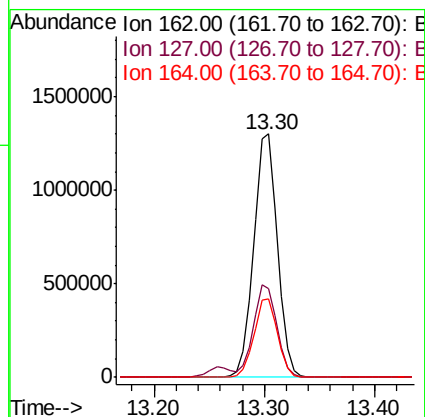
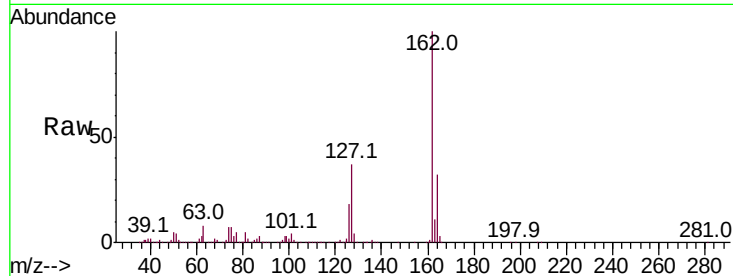
#47
2-Chloronaphthalene
Concen: 26.727 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	31.4	47.0
164	32.5	26.2	39.4

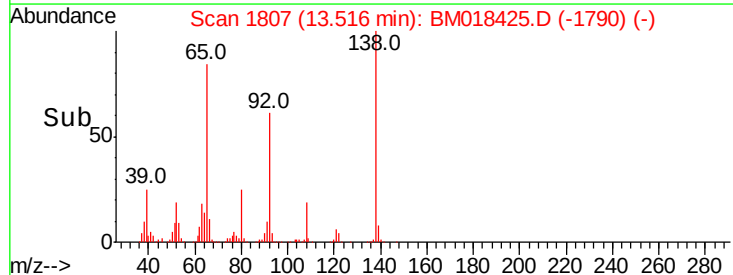
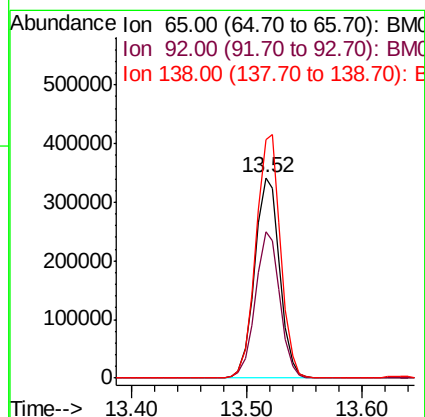
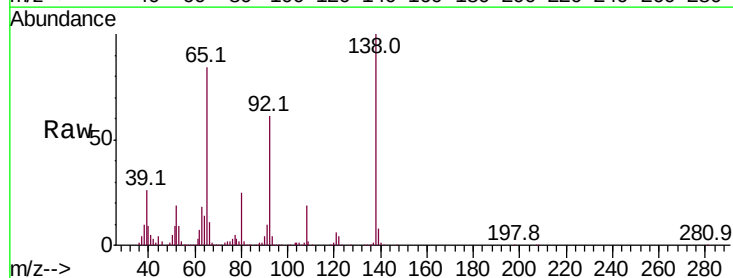
Manual Integrations
APPROVED

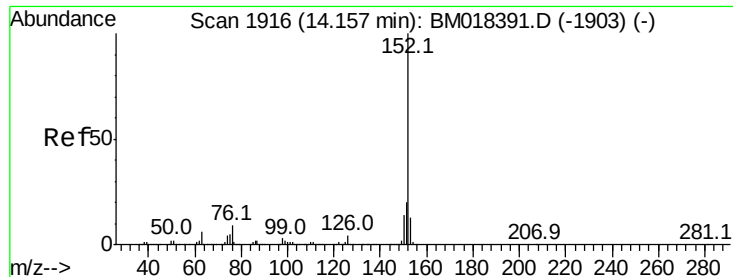
Sohil
12/28/2018 12:30:40 PM



#48
2-Nitroaniline
Concen: 26.210 ng
RT: 13.52 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	53.4	80.2
138	119.3	88.9	133.3





#49

Acenaphthylene

Concen: 27.876 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

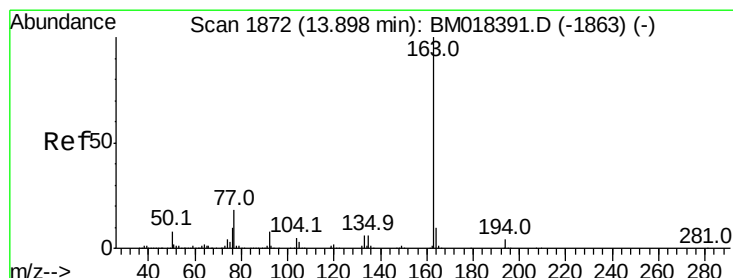
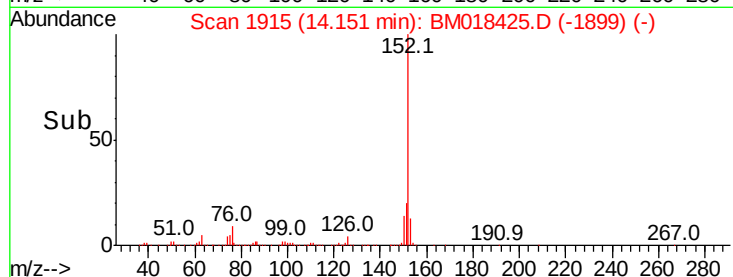
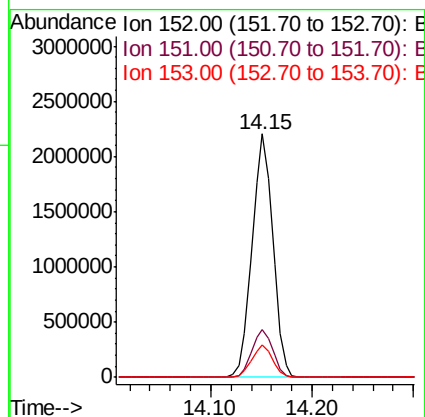
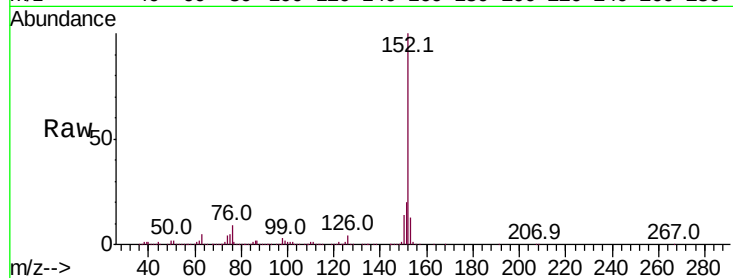
ClientSampleId :

PB116023BS

Tot Ion:152	Resp: 3150514
Ion Ratio	Lower Upper
152 100	
151 19.7	15.7 23.5
153 13.2	10.5 15.7

Manual Integrations
APPROVED

Sohil
12/28/2018 12:30:40 PM



#50

Dimethylphthalate

Concen: 26.531 ng

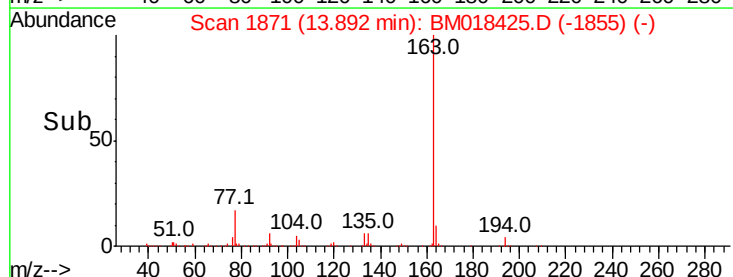
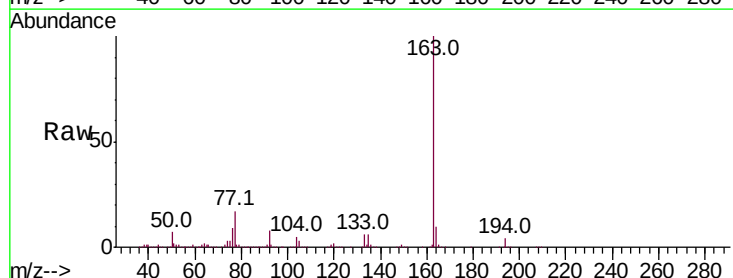
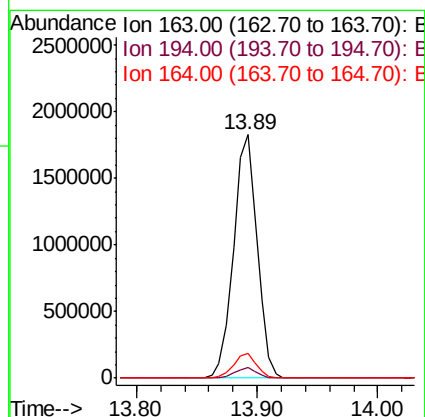
RT: 13.89 min Scan# 1871

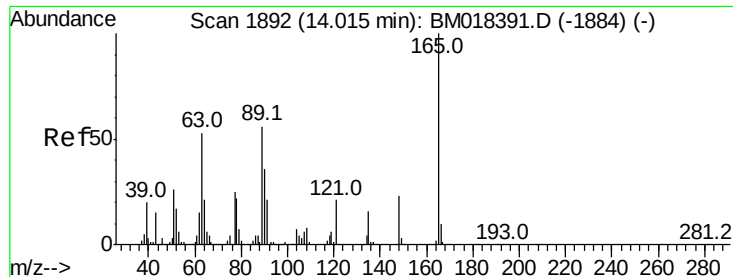
Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Tgt Ion:163	Resp: 2486223
Ion Ratio	Lower Upper
163 100	
194 4.2	3.0 4.6
164 10.0	7.8 11.8





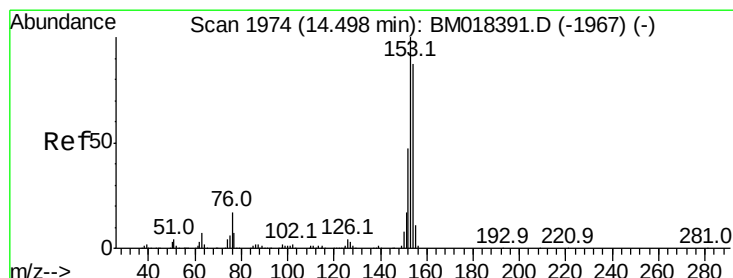
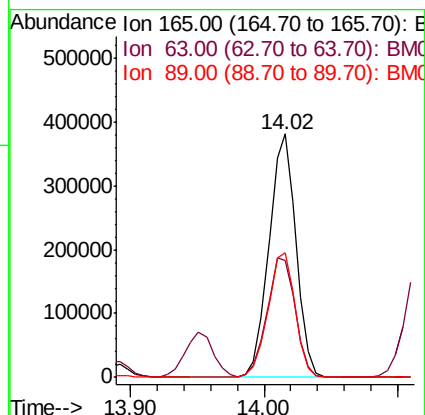
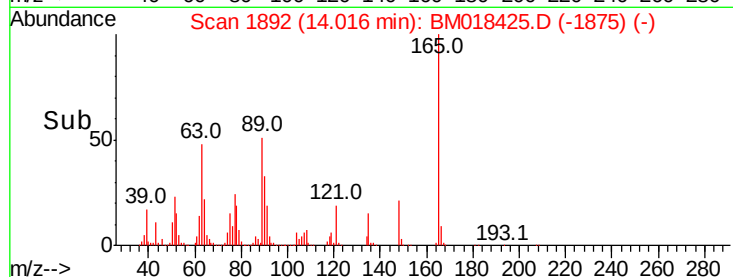
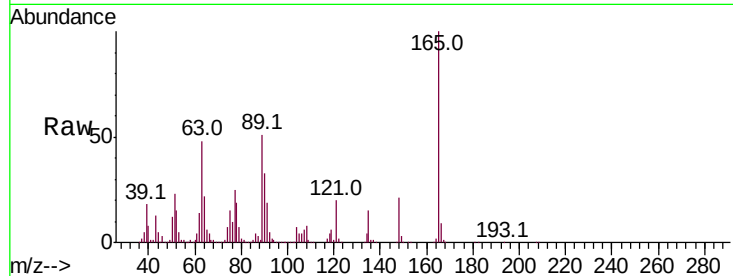
#51
2,6-Dinitrotoluene
Concen: 27.276 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.9	45.6	68.4	
89	51.0	44.6	66.8	

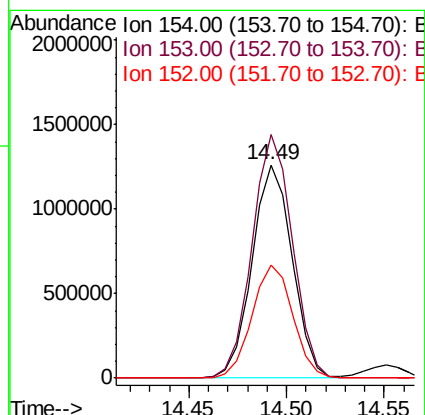
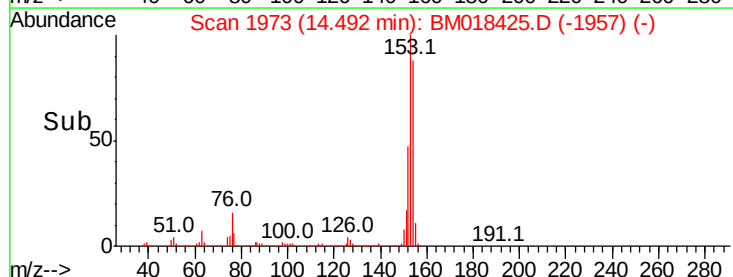
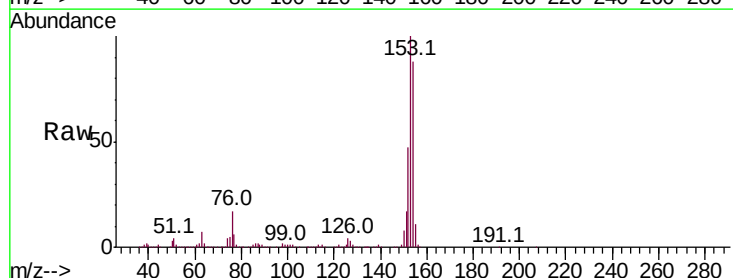
Manual Integrations
APPROVED

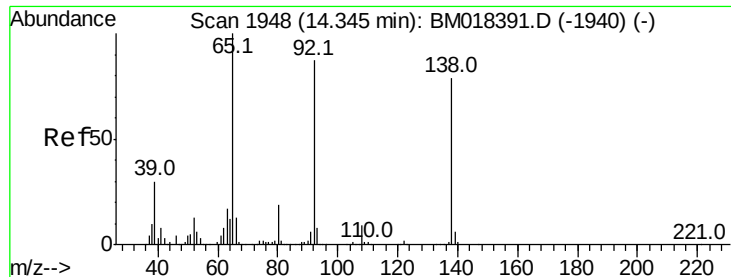
Sohil
12/28/2018 12:30:40 PM



#52
Acenaphthene
Concen: 26.480 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.1	92.3	138.5	
152	53.2	43.8	65.6	





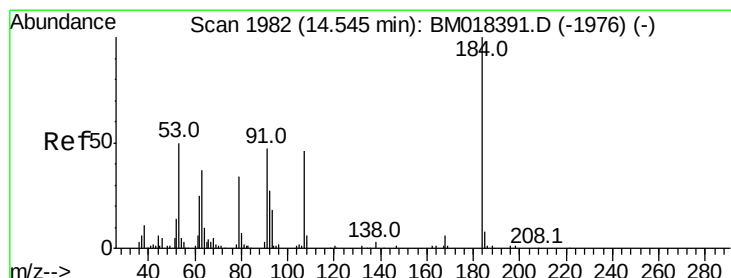
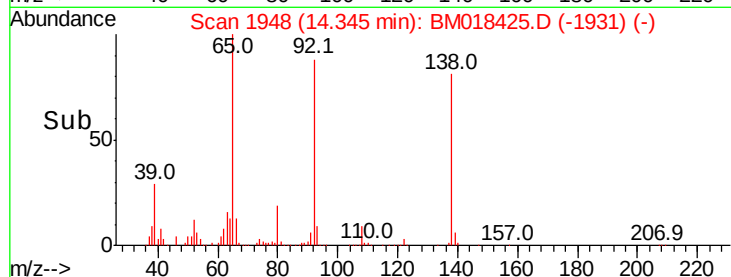
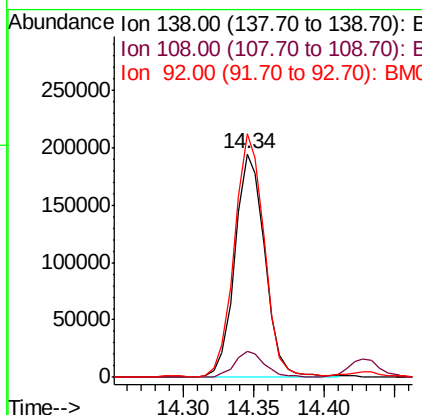
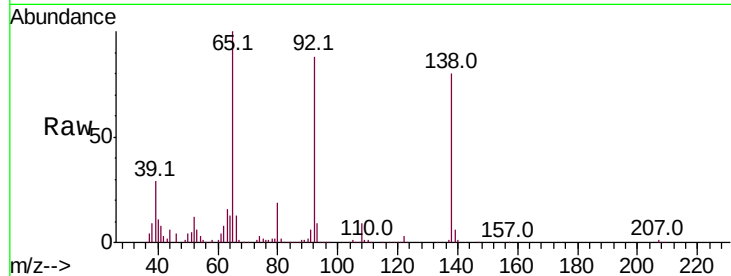
#53
3-Nitroaniline
Concen: 13.212 ng
RT: 14.34 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.1	13.7
92	109.0	88.2	132.2

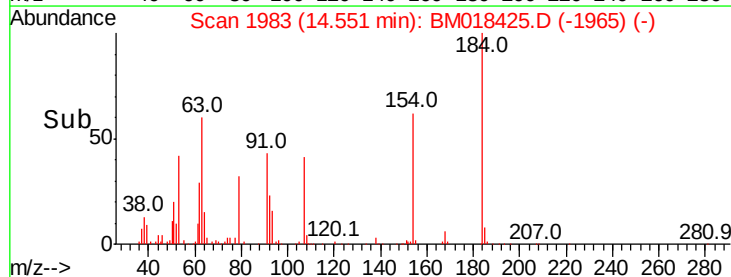
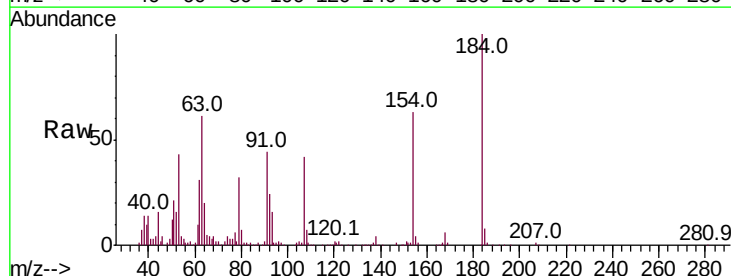
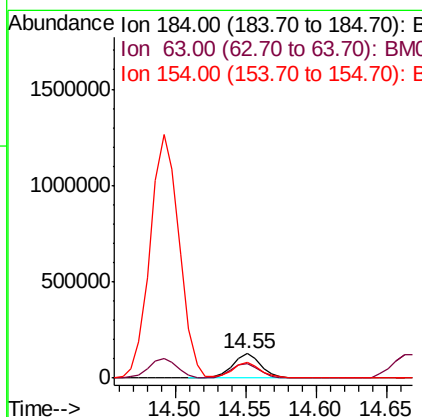
Manual Integrations
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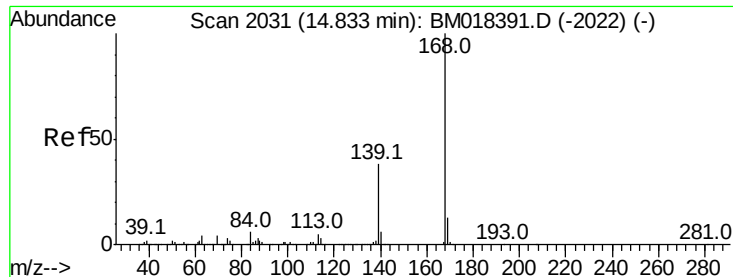
Sohil
12/28/2018 12:30:40 PM



#54
2,4-Dinitrophenol
Concen: 37.329 ng
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	55.9	83.9
154	63.3	54.2	81.4





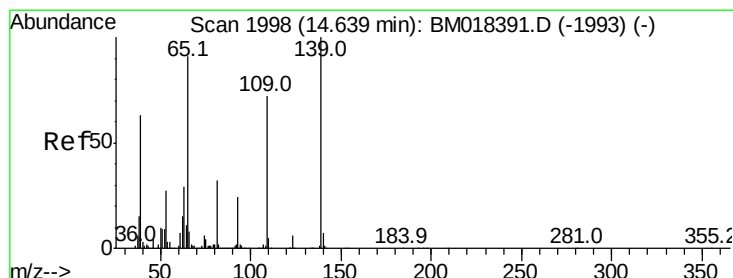
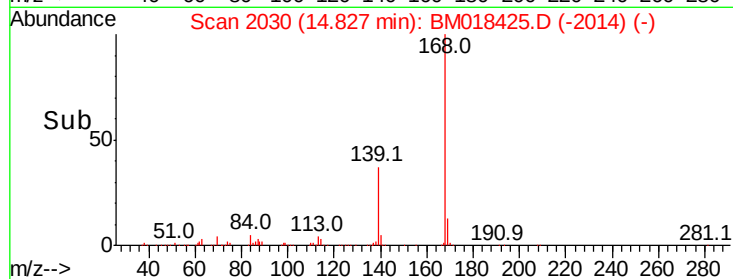
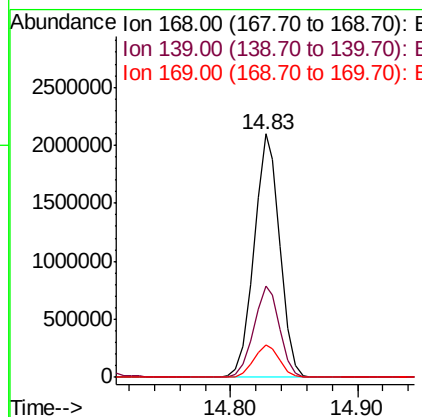
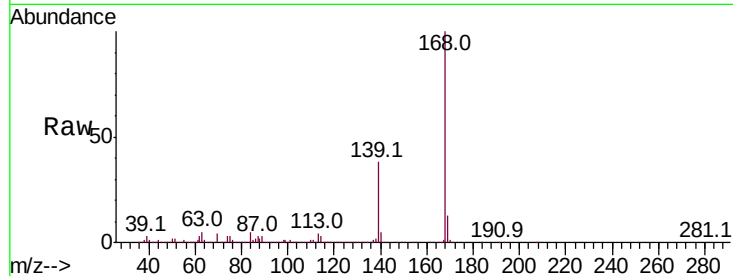
#55
Dibenzofuran
Concen: 26.412 ng
RT: 14.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.3	45.5
169	13.1	10.6	16.0

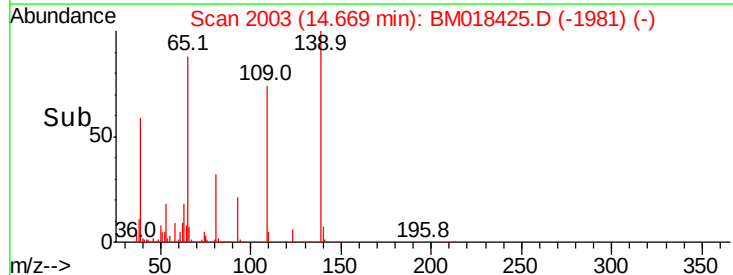
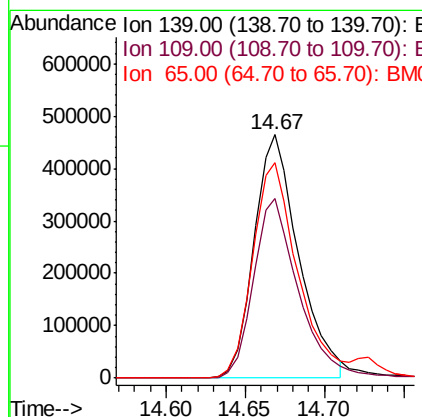
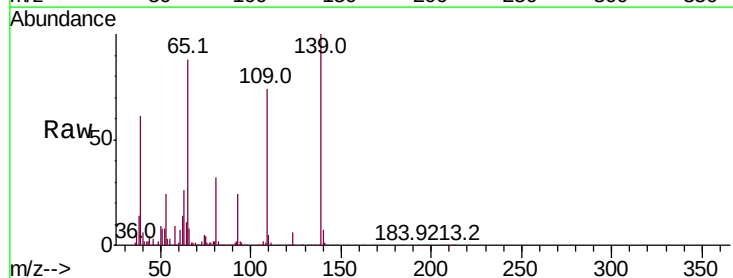
Manual Integrations
APPROVED

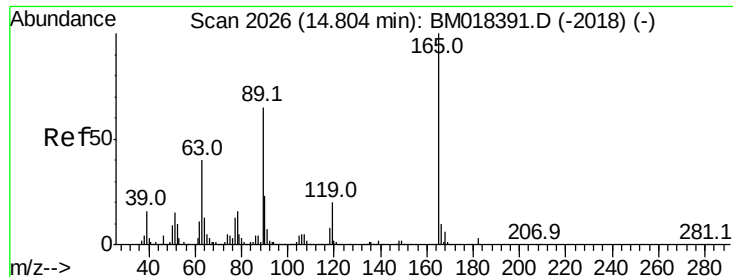
Sohil
12/28/2018 12:30:40 PM



#56
4-Nitrophenol
Concen: 50.216 ng
RT: 14.67 min Scan# 2003
Delta R.T. 0.03 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	51.7	91.7
65	88.4	71.4	111.4





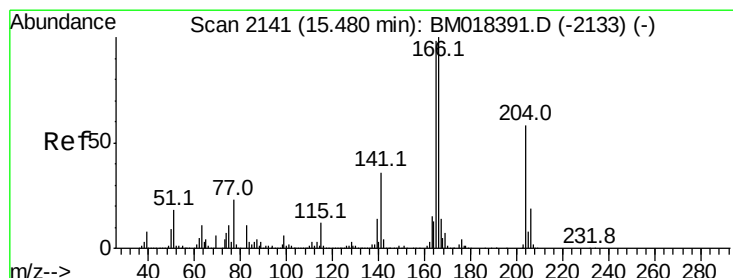
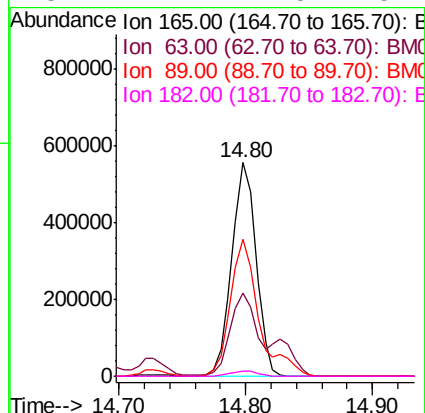
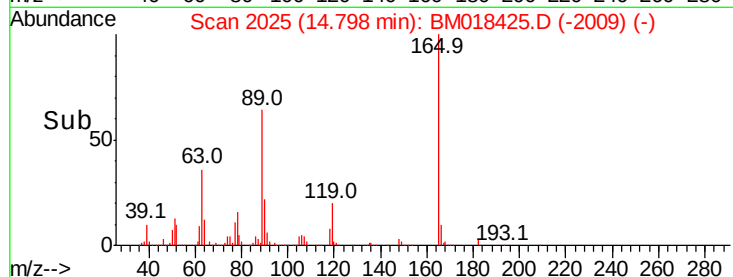
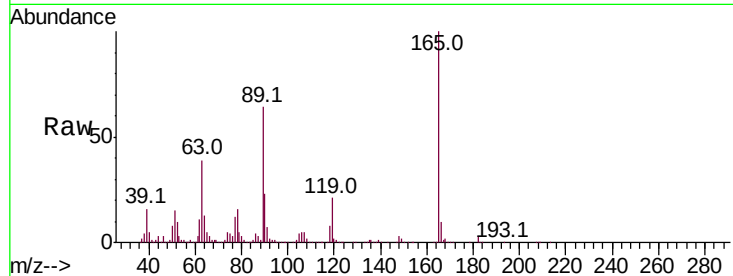
#57
2,4-Dinitrotoluene
Concen: 27.618 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	32.2	48.2
89	63.9	52.1	78.1
182	2.7	2.5	3.7

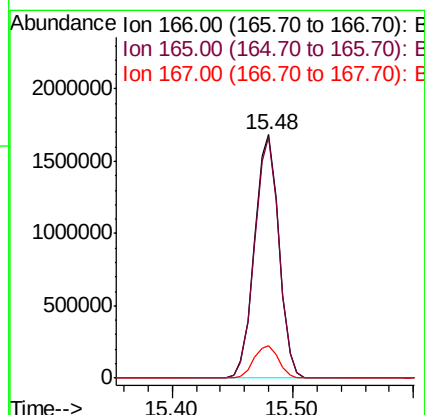
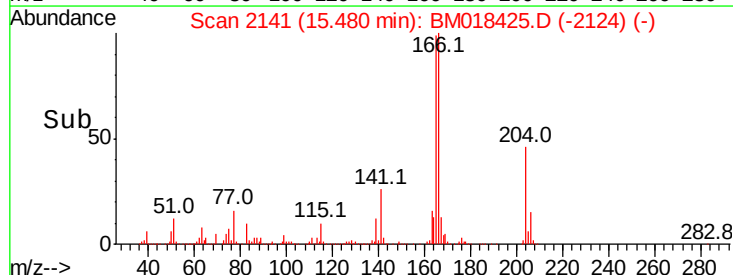
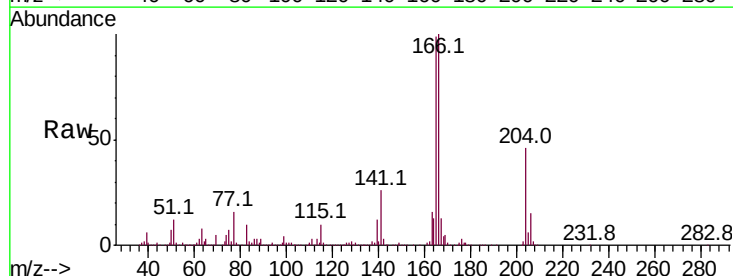
Manual Integrations
APPROVED

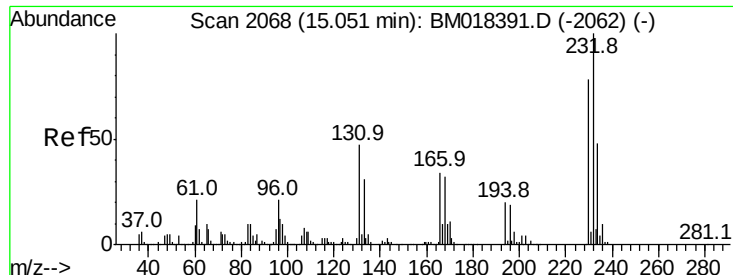
Sohil
12/28/2018 12:30:40 PM



#58
Fluorene
Concen: 27.356 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.3	117.5
167	13.4	10.9	16.3





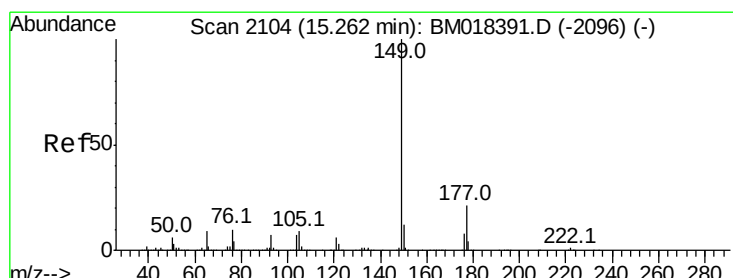
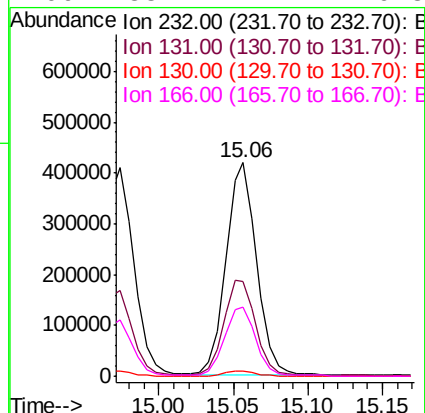
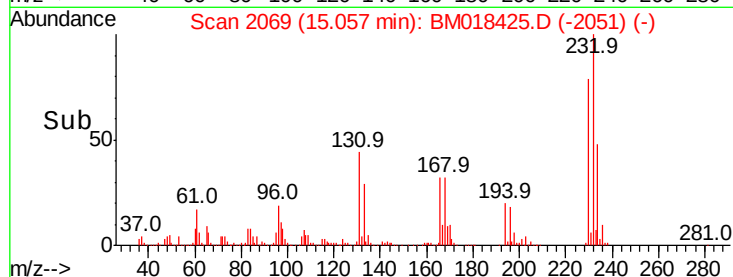
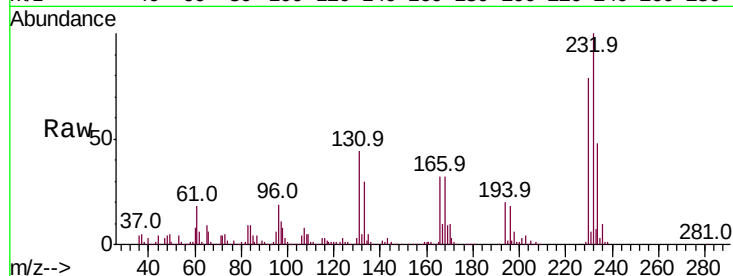
#59
2,3,4,6-Tetrachlorophenol
Concen: 29.655 ng
RT: 15.06 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	38.6	57.8
130	2.6	2.2	3.4
166	33.2	27.2	40.8

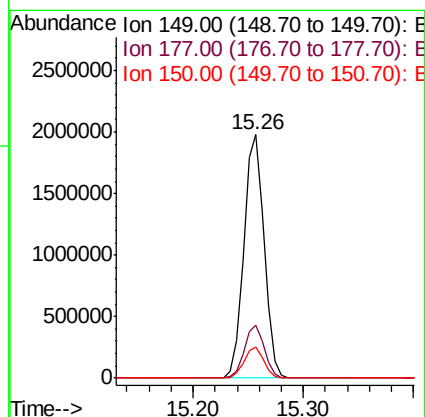
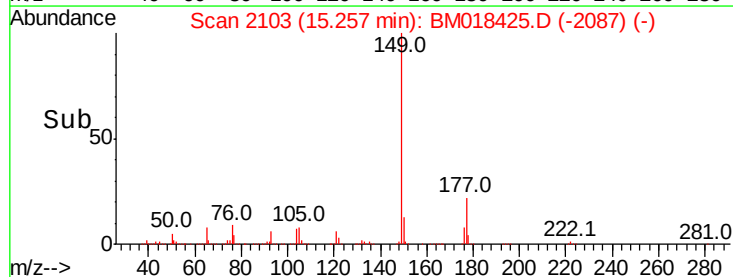
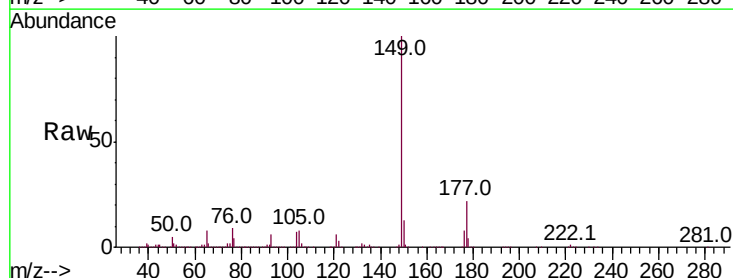
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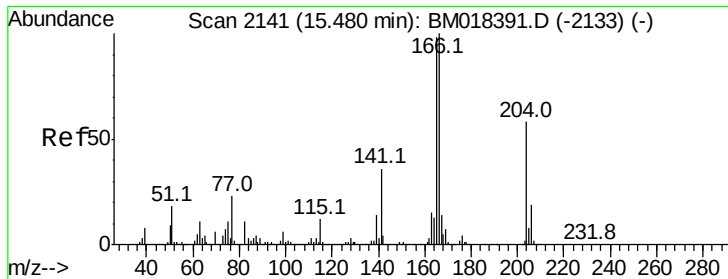
Sohil
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#60
Diethylphthalate
Concen: 25.964 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.5	9.8	14.6





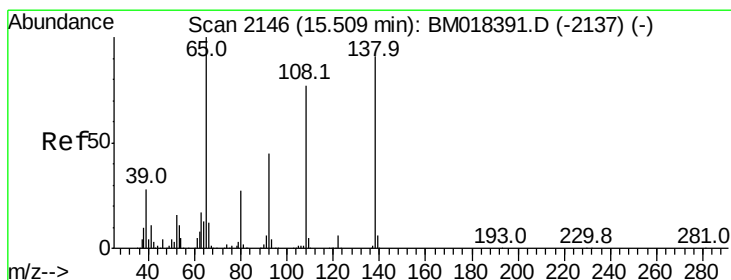
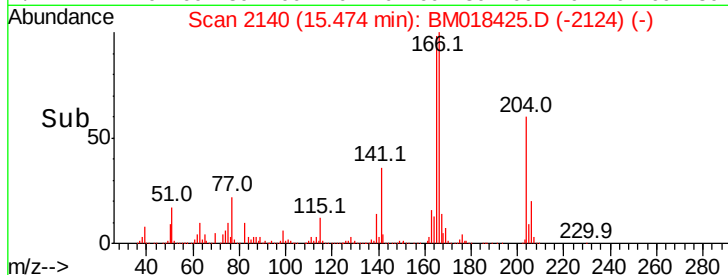
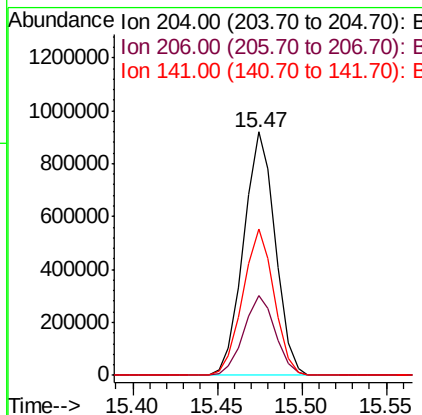
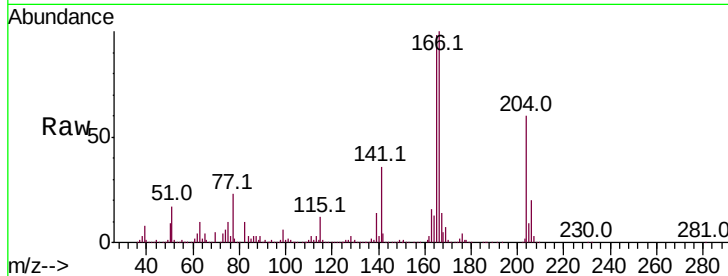
#61
4-Chlorophenyl-phenylether
Concen: 25.158 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleID :
PB116023BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	60.1	49.5	74.3

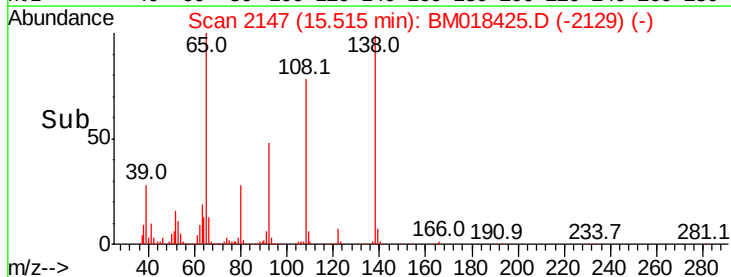
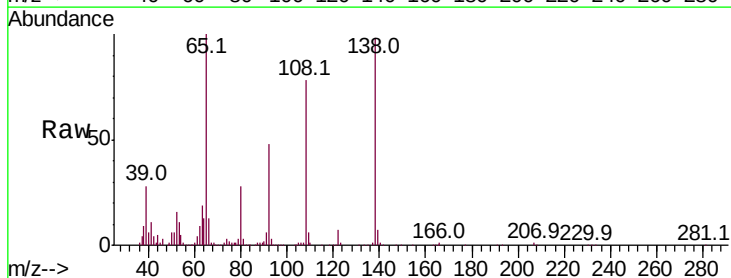
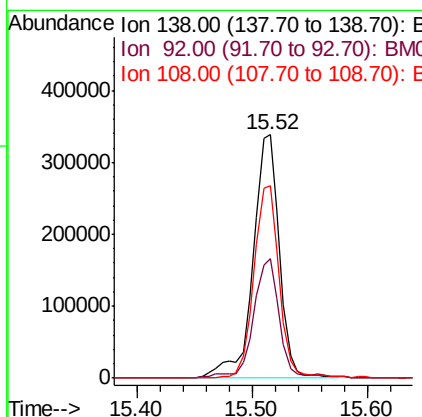
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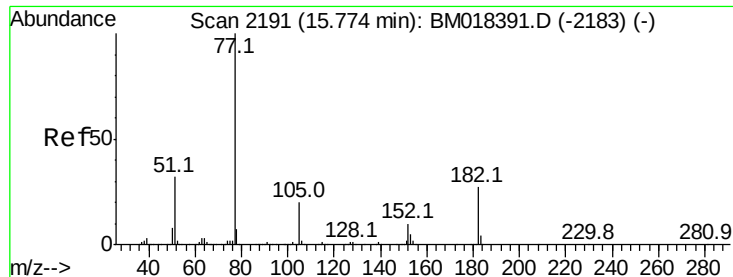
Sohil
12/28/2018 12:30:40 PM



#62
4-Nitroaniline
Concen: 23.230 ng
RT: 15.52 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.0	69.0
108	79.3	63.9	103.9





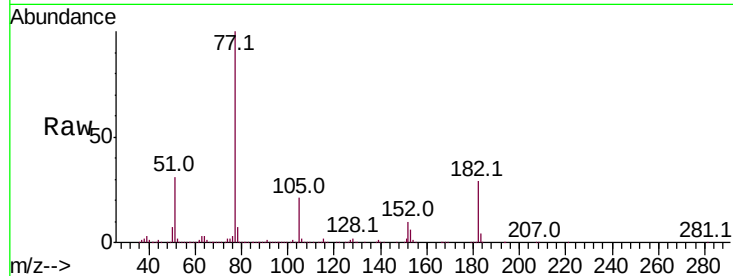
#63
Azobenzene
Concen: 23.602 ng
RT: 15.77 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.4	47.4
105	20.9	0.0	39.6
51	31.5	12.0	52.0

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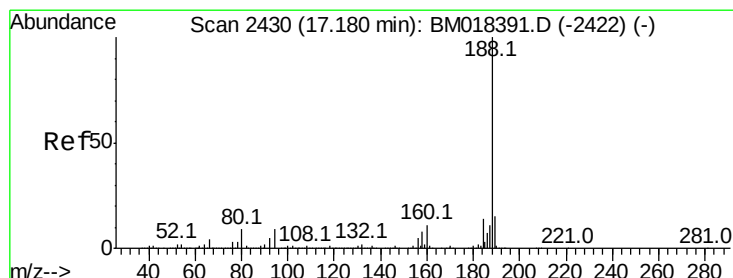
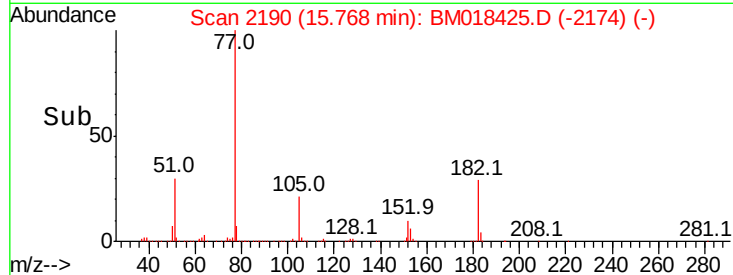
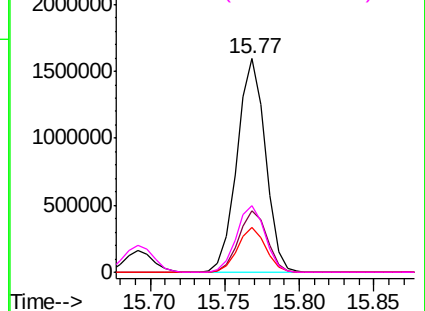
Abundance

Ion 77.00 (76.70 to 77.70): BM018391.D (-2183) (-)

Ion 182.00 (181.70 to 182.70): BM018391.D (-2183) (-)

Ion 105.00 (104.70 to 105.70): BM018391.D (-2183) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-2183) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

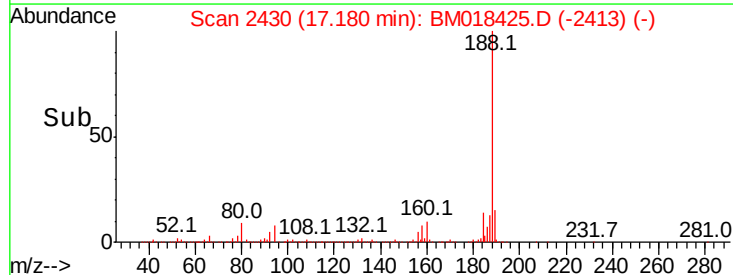
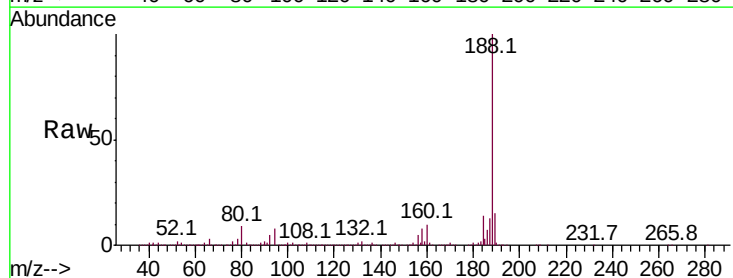
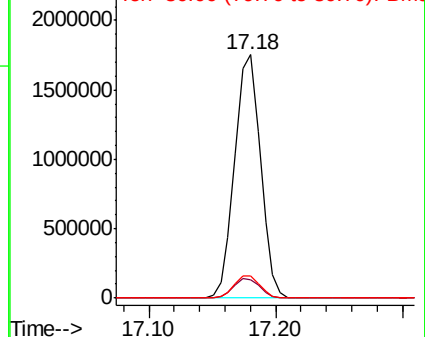
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	9.0	7.6	11.4

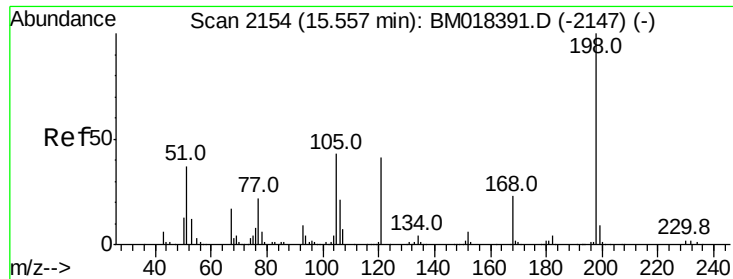
Abundance

Ion 188.00 (187.70 to 188.70): BM018391.D (-2422) (-)

Ion 94.00 (93.70 to 94.70): BM018391.D (-2422) (-)

Ion 80.00 (79.70 to 80.70): BM018391.D (-2422) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 23.388 ng

RT: 15.56 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

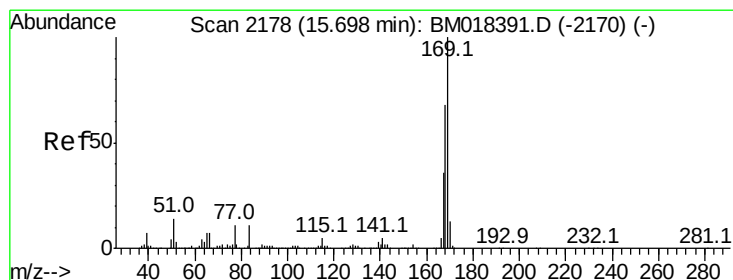
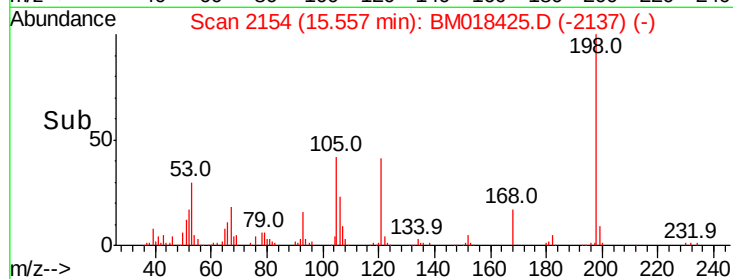
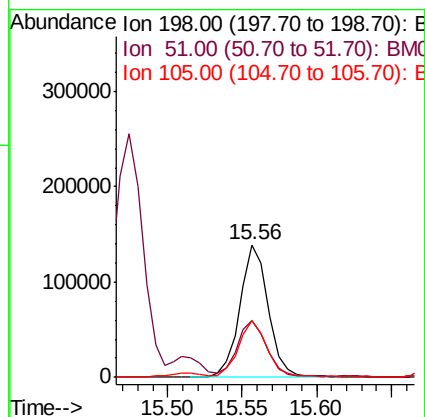
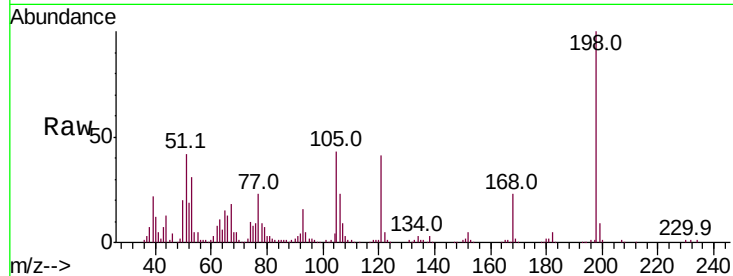
ClientSampleId :

PB116023BS

Tot Ion:	198	Resp:	185397
Ion Ratio	Lower	Upper	
198	100		
51	42.3	29.6	69.6
105	42.6	25.5	65.5

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#66

n-Nitrosodiphenylamine

Concen: 27.036 ng

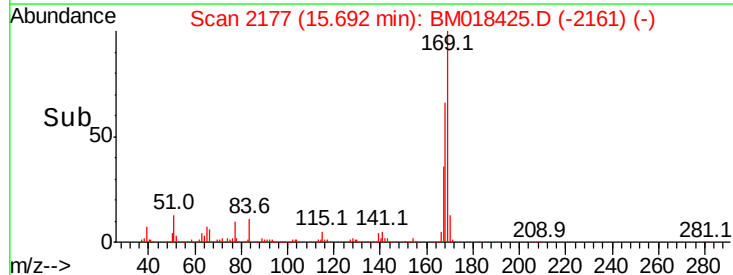
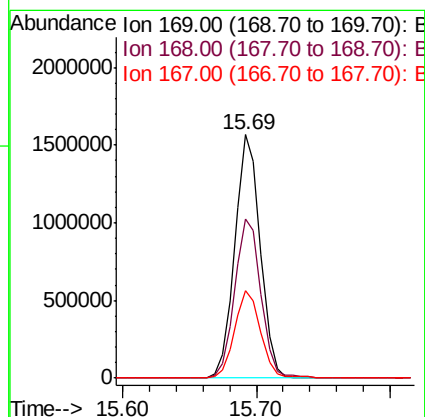
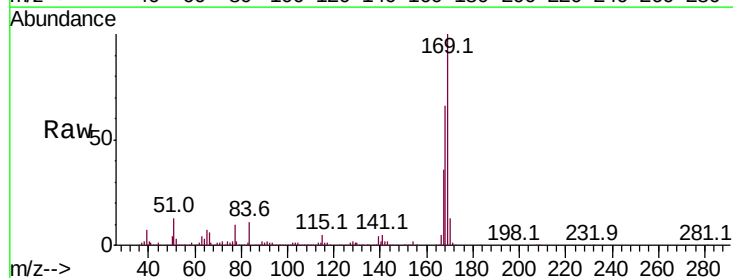
RT: 15.69 min Scan# 2177

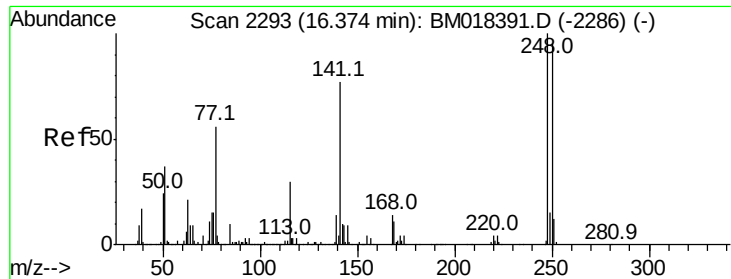
Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Tgt Ion:	169	Resp:	2079696
Ion Ratio	Lower	Upper	
169	100		
168	65.6	54.1	81.1
167	35.8	28.6	42.8





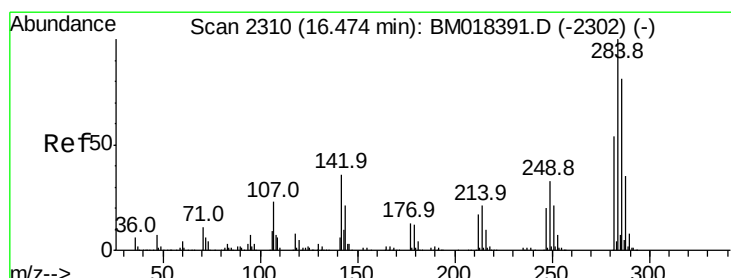
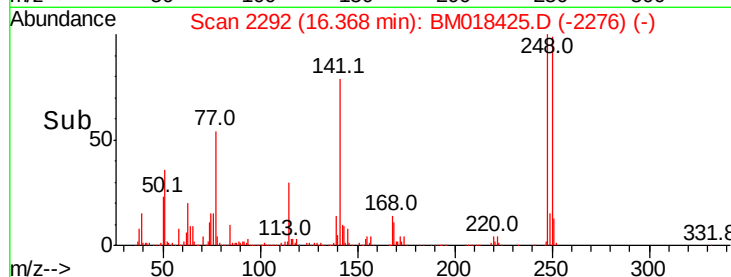
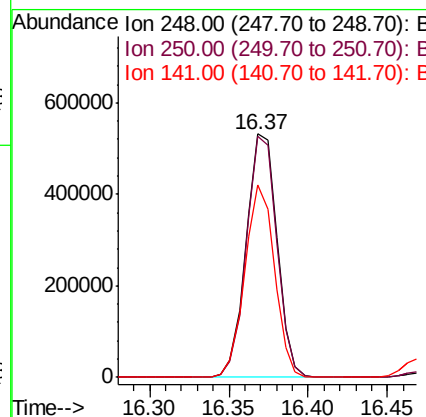
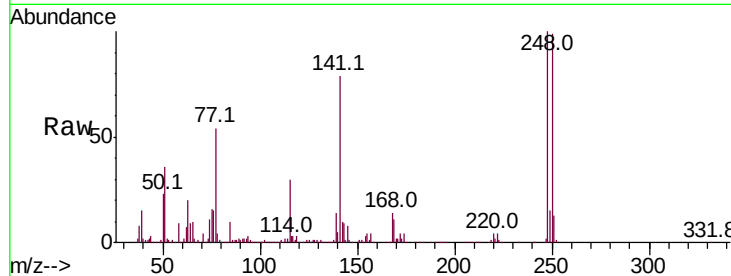
#67
4-Bromophenyl-phenylether
Concen: 26.795 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.0	114.0
141	79.1	61.5	92.3

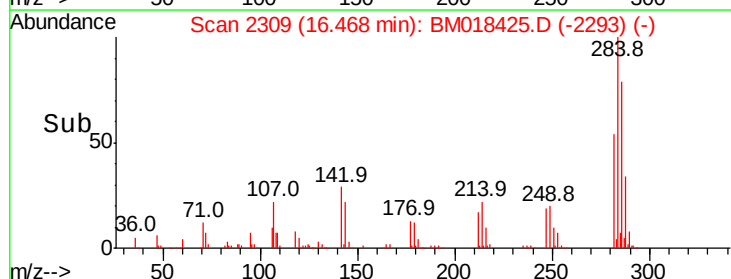
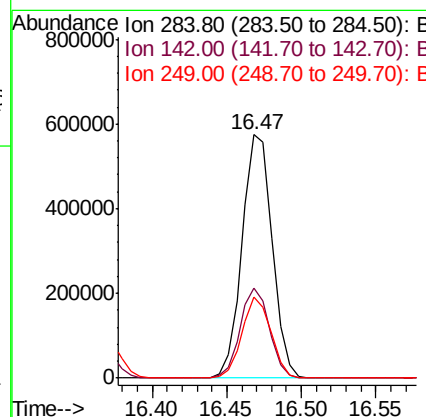
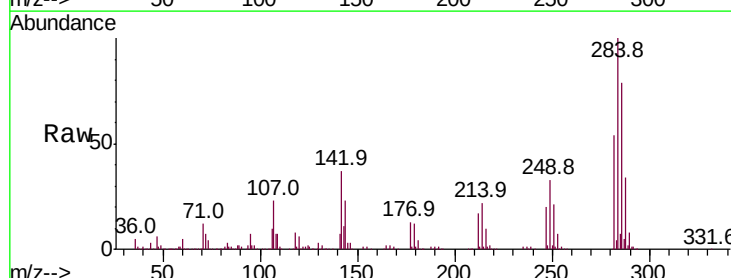
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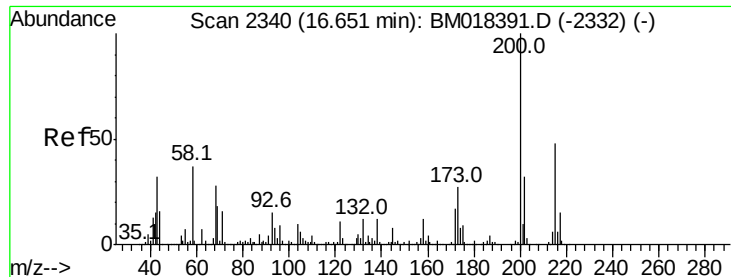
Sohil
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#68
Hexachlorobenzene
Concen: 26.377 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	29.2	43.8
249	33.4	26.1	39.1





#69

Atrazine

Concen: 25.259 ng

RT: 16.64 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

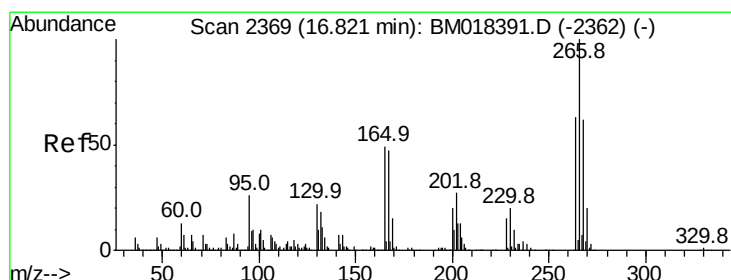
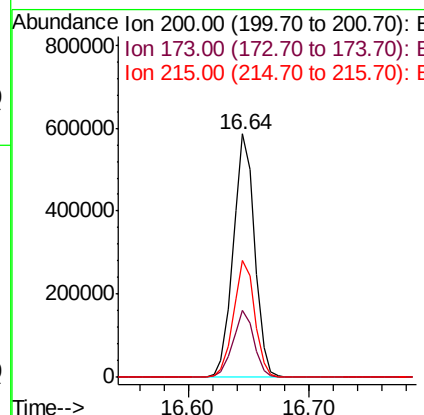
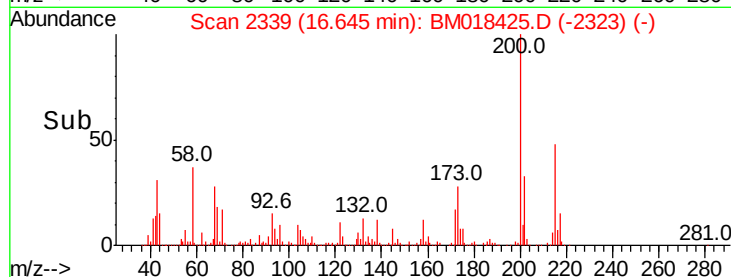
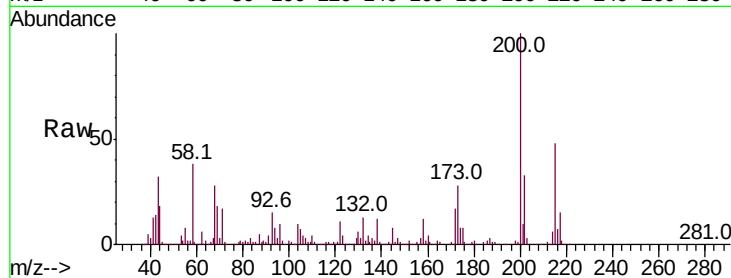
ClientSampleId :

PB116023BS

Tot Ion:	200	Resp:	720248
Ion Ratio	Lower	Upper	
200	100		
173	27.6	7.2	47.2
215	48.2	28.3	68.3

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#70

Pentachlorophenol

Concen: 47.671 ng

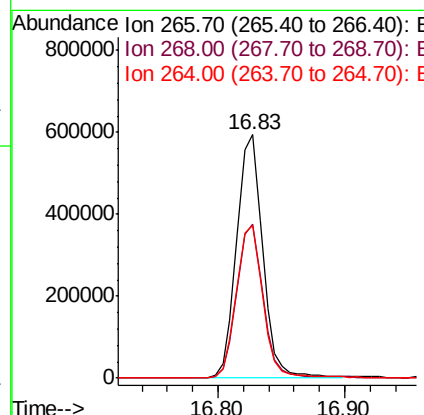
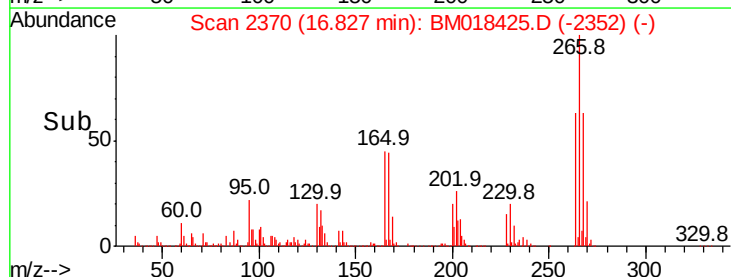
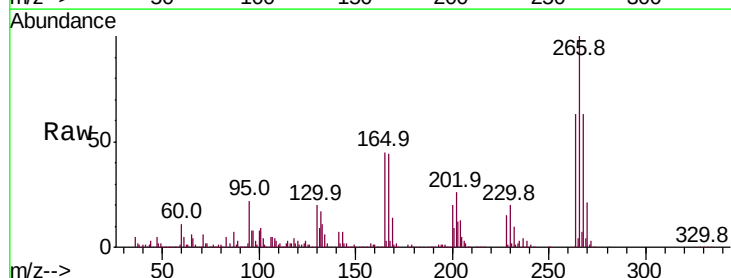
RT: 16.83 min Scan# 2370

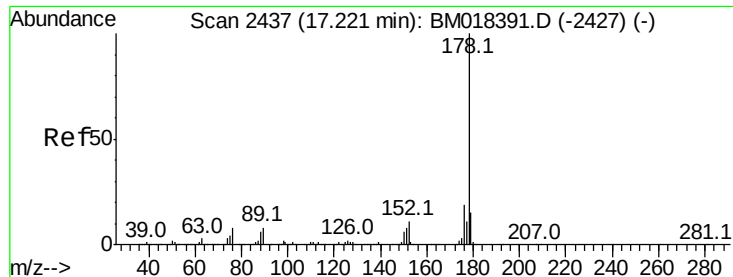
Delta R.T. 0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Tgt Ion:	266	Resp:	846304
Ion Ratio	Lower	Upper	
266	100		
268	63.2	49.8	74.6
264	62.8	50.1	75.1





#71

Phenanthrene

Concen: 28.499 ng

RT: 17.22 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:178 Resp: 3723459

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

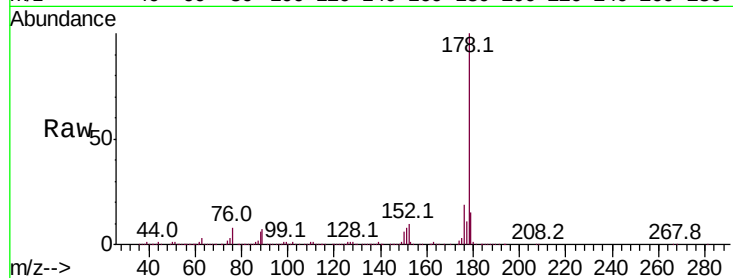
179 15.1 12.2 18.4

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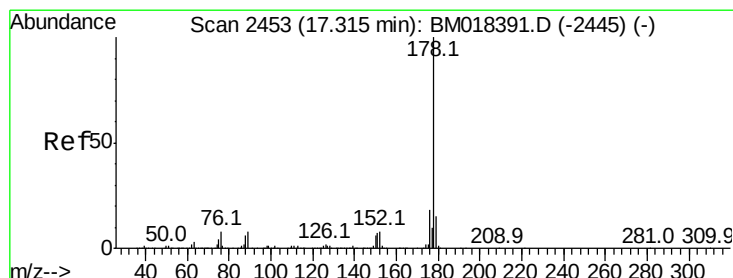
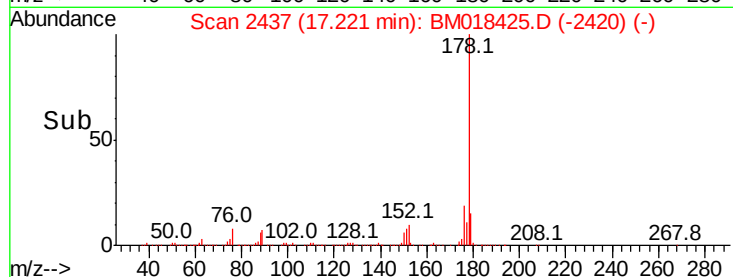
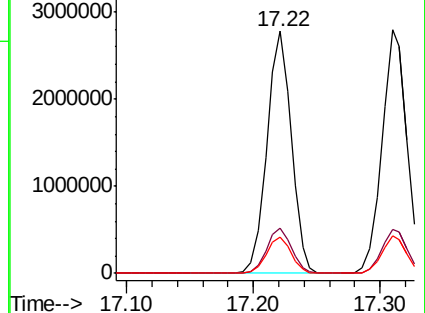
12/28/2018 12:30:40 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 29.316 ng

RT: 17.31 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

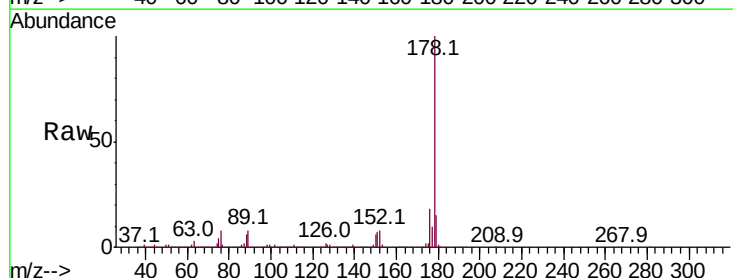
Tgt Ion:178 Resp: 3815580

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

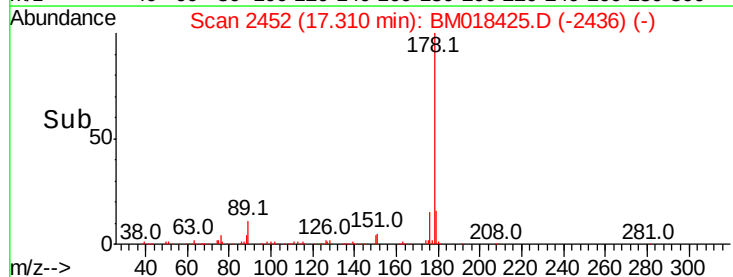
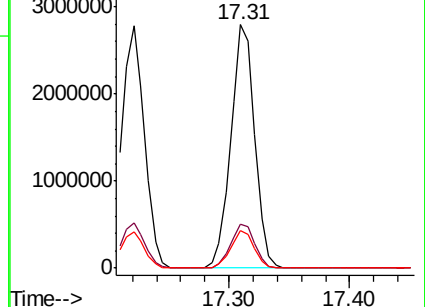
179 15.3 12.2 18.4

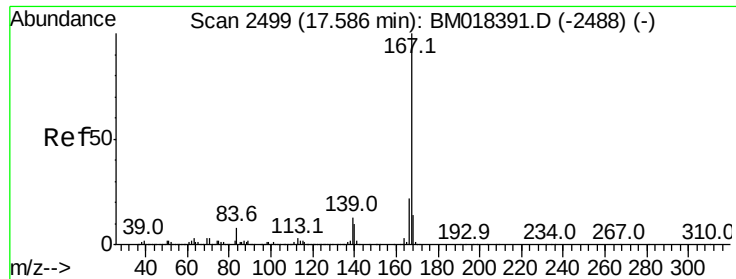


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





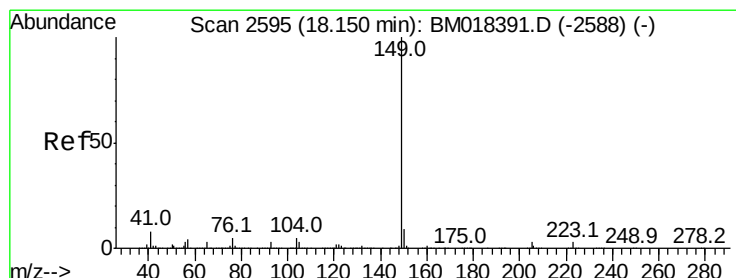
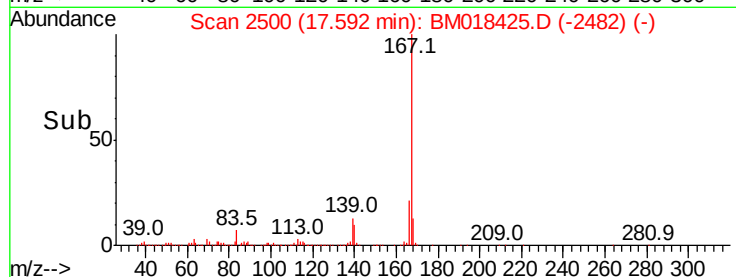
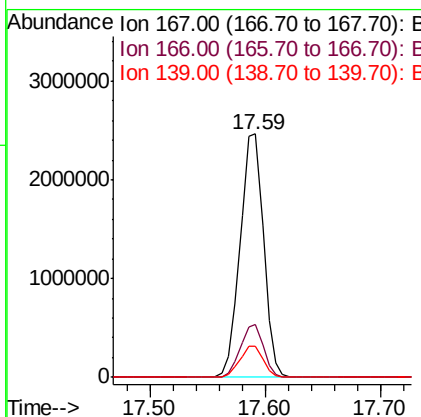
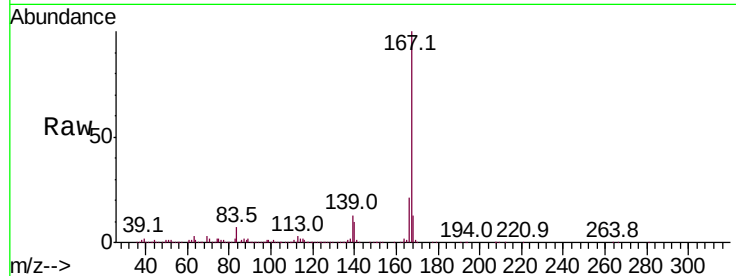
#73
 Carbazole
 Concen: 25.388 ng
 RT: 17.59 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Instrument :
 BNA_M
 ClientSampleId :
 PB116023BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	12.7	10.6	16.0

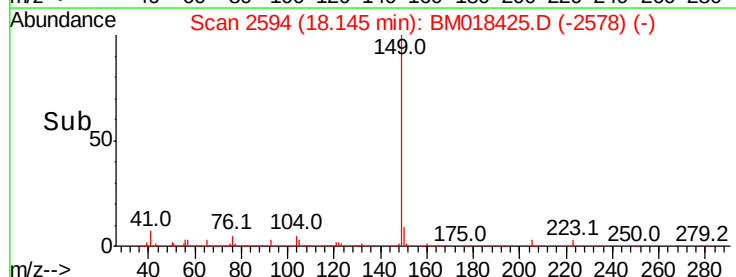
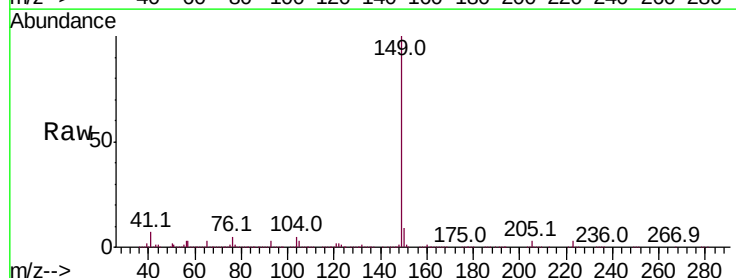
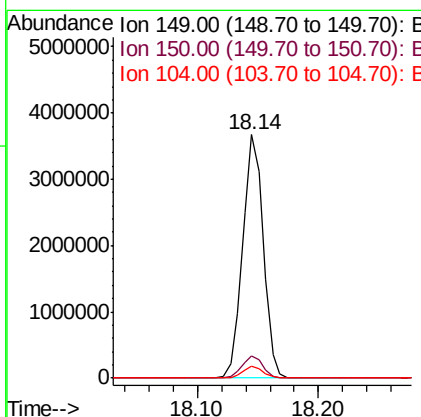
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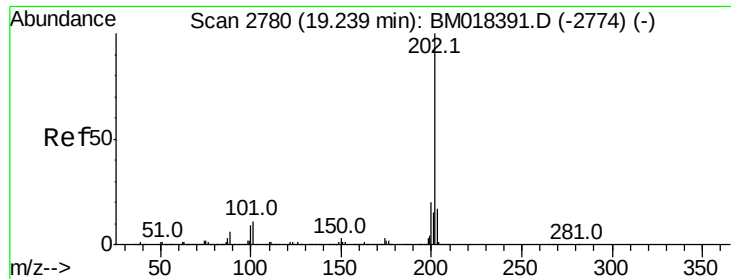
Sohil
 12/28/2018 12:30:40 PM



#74
 Di-n-butylphthalate
 Concen: 28.297 ng
 RT: 18.14 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BM018425.D
 Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 27.970 ng

RT: 19.24 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:202 Resp: 4327785

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.9

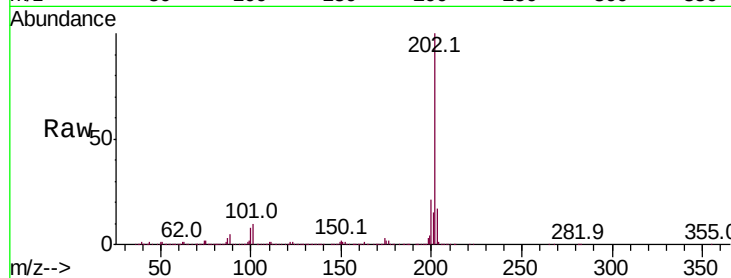
203 17.4 0.0 37.4

Manual Integrations

APPROVED

Sohil

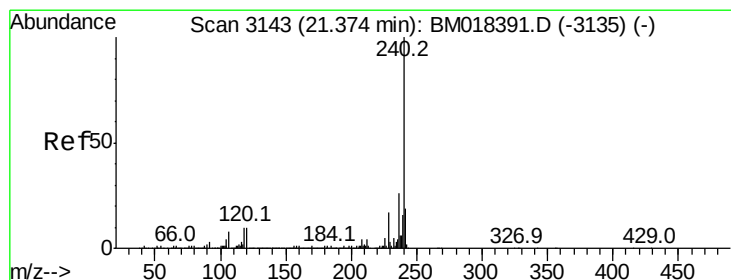
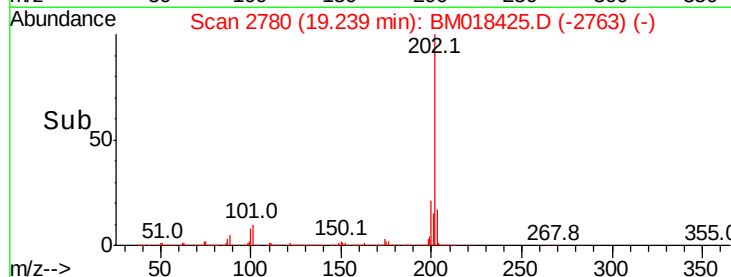
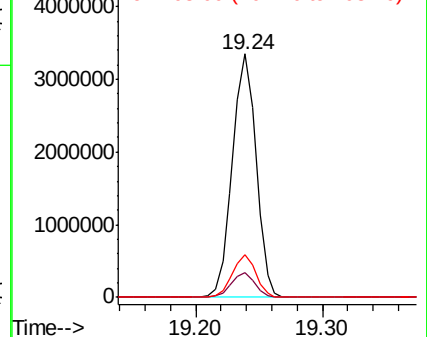
12/28/2018 12:30:40 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

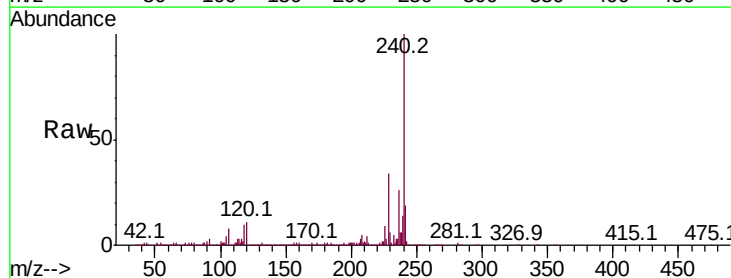
Tgt Ion:240 Resp: 2494886

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

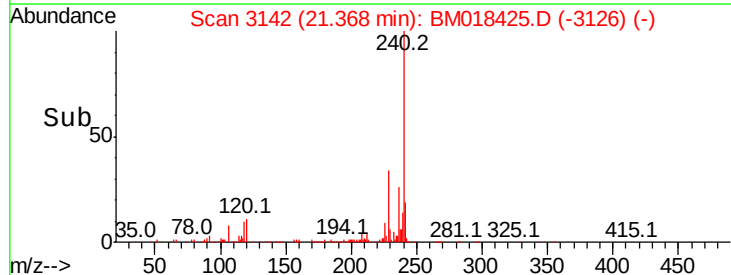
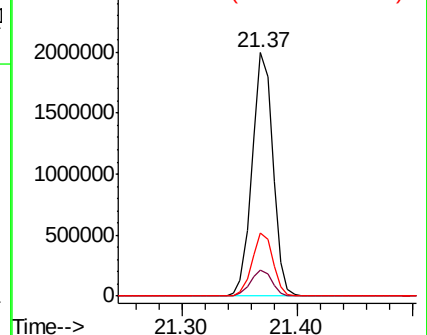
236 26.0 20.7 31.1

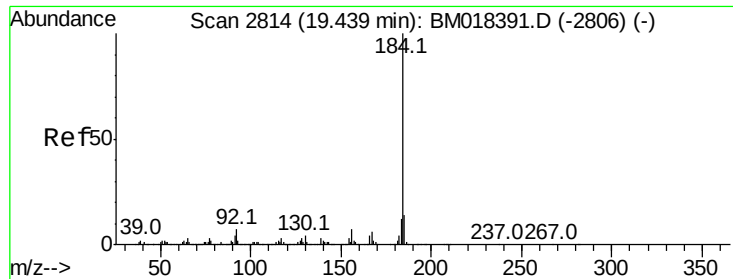


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.748 ng

RT: 19.43 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:184 Resp: 1978818

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

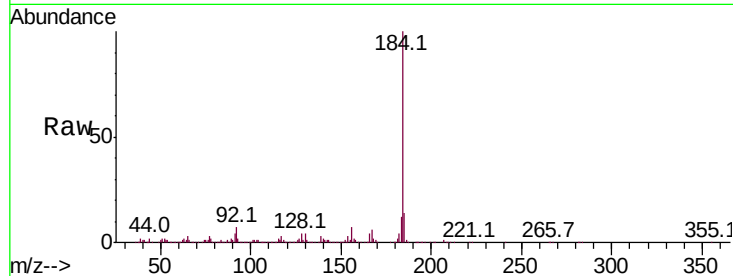
183 12.2 9.5 14.3

Manual Integrations

APPROVED

Sohil

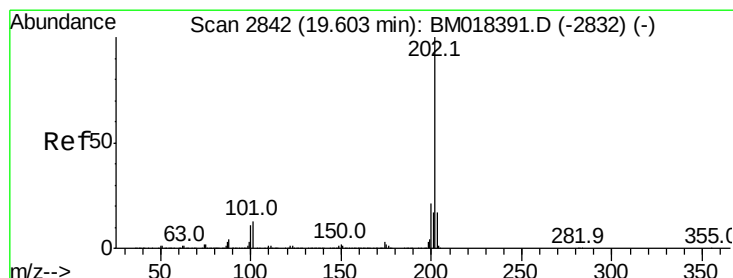
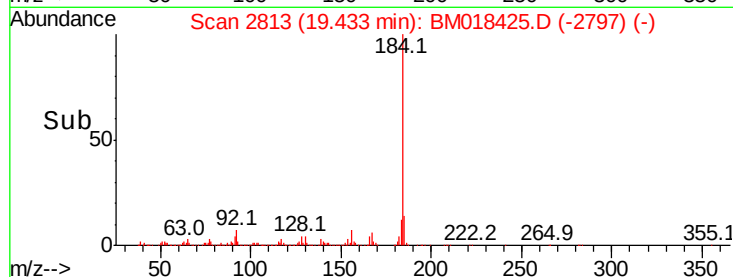
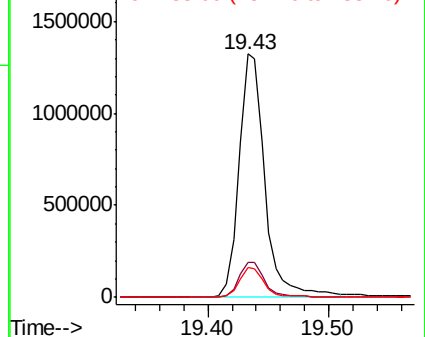
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 30.603 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

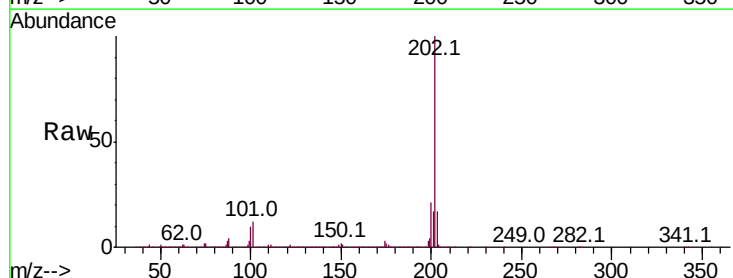
Tgt Ion:202 Resp: 4431863

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

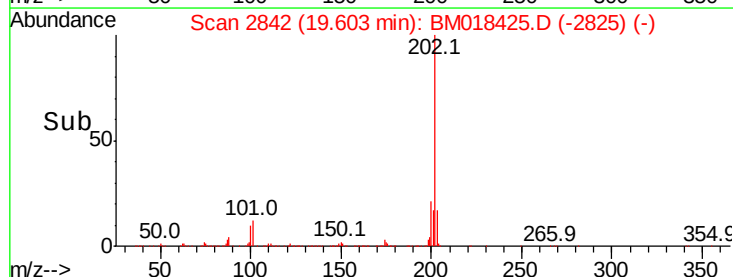
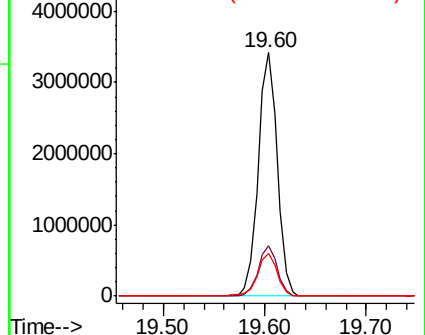
203 17.3 13.8 20.8

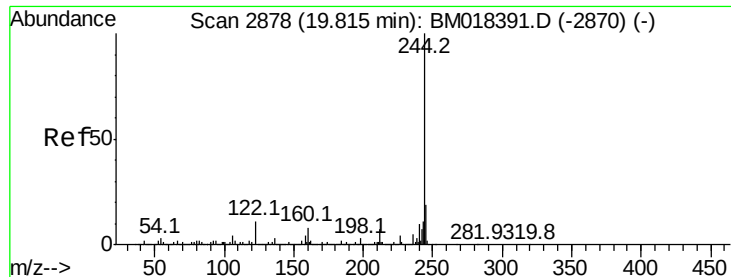


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.848 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:244 Resp: 6890084

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

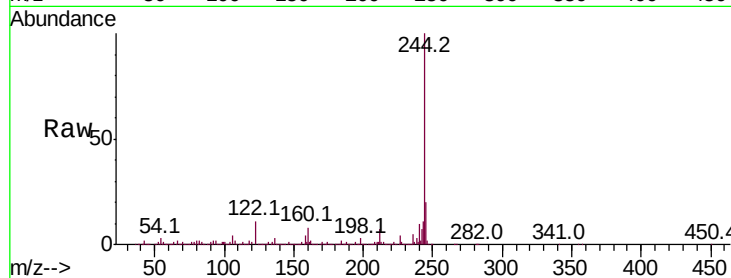
122 10.7 9.0 13.4

Manual Integrations

APPROVED

Sohil

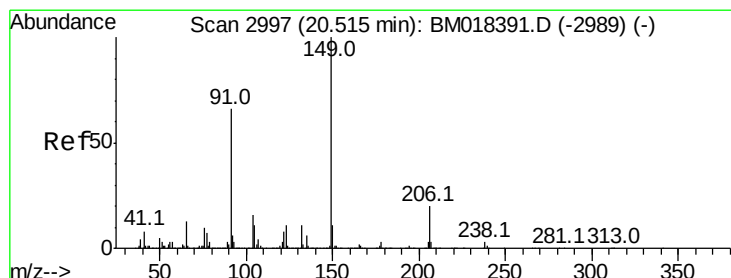
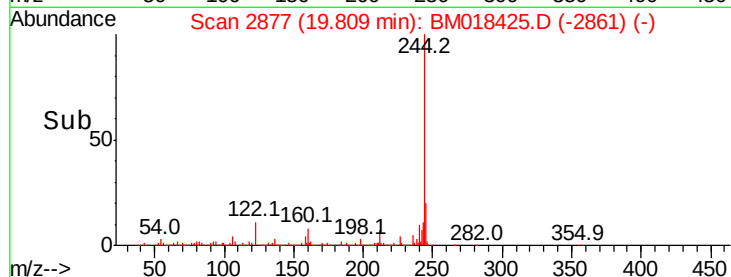
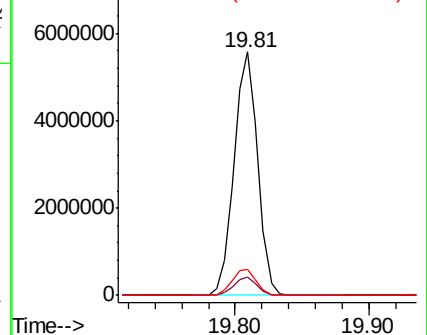
12/28/2018 12:30:40 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.161 ng

RT: 20.51 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

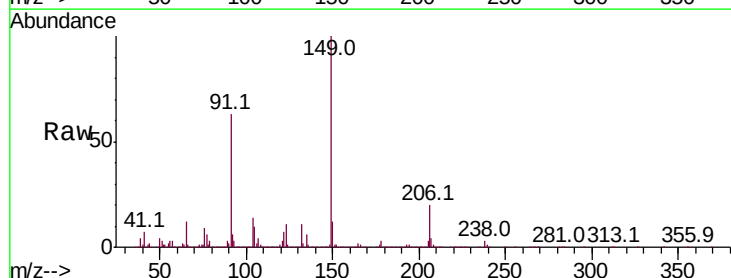
Tgt Ion:149 Resp: 2021409

Ion Ratio Lower Upper

149 100

91 63.1 53.1 79.7

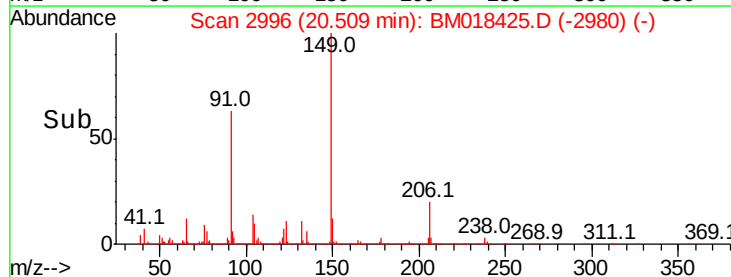
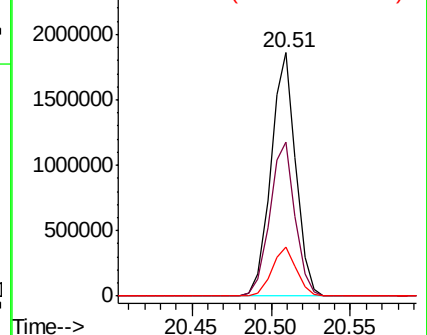
206 20.3 16.2 24.4

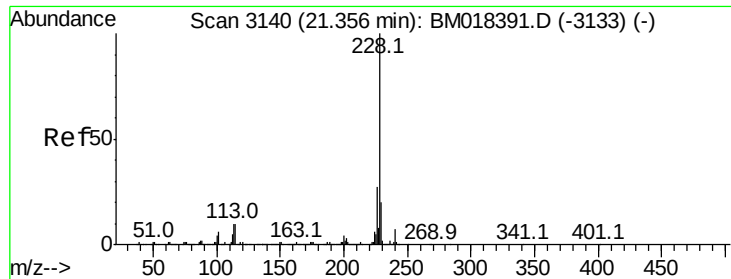


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 29.527 ng

RT: 21.35 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:228 Resp: 4326852

Ion Ratio Lower Upper

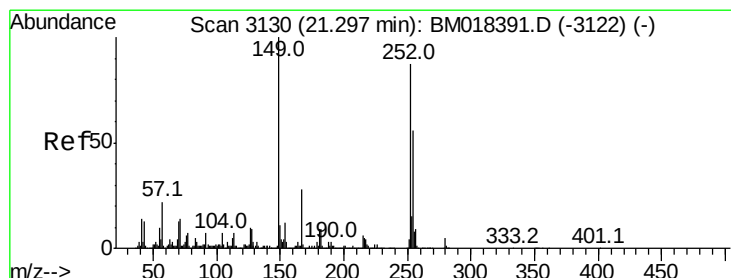
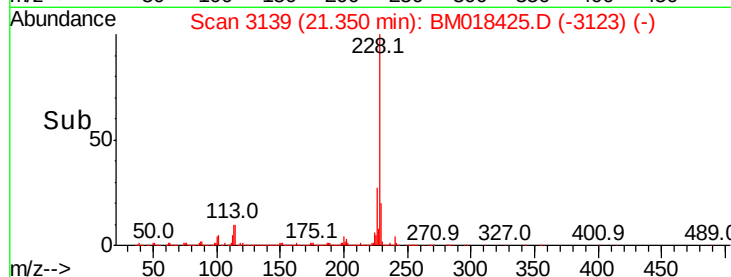
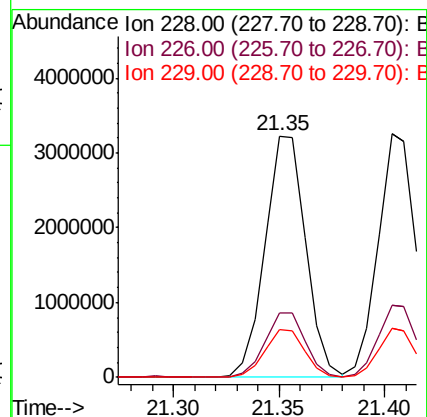
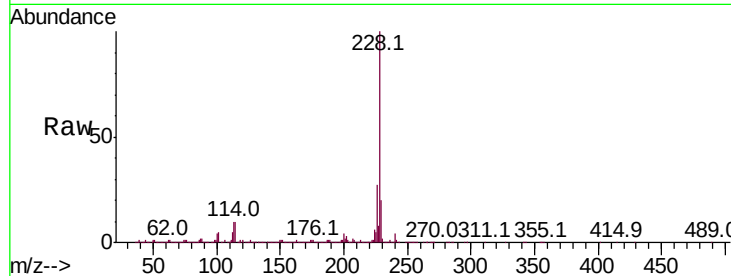
228 100

226 26.8 21.8 32.6

229 19.8 15.8 23.8

Manual Integrations
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Sohil
12/28/2018 12:30:40 PM



#82

3,3'-Dichlorobenzidine

Concen: 20.822 ng

RT: 21.29 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

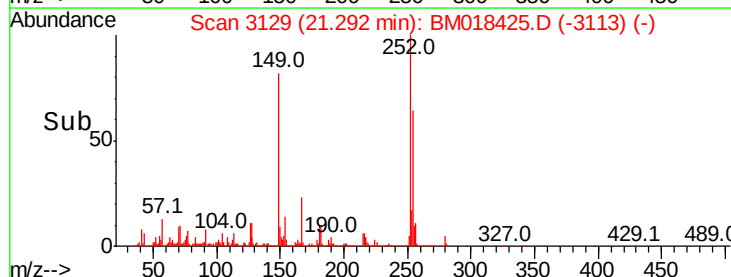
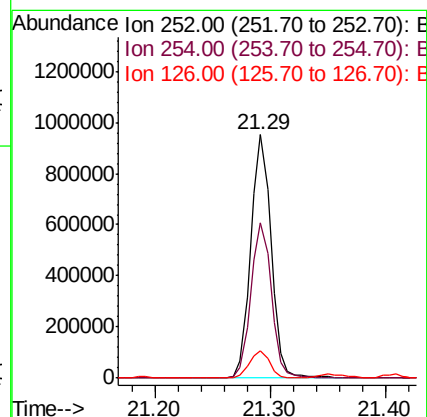
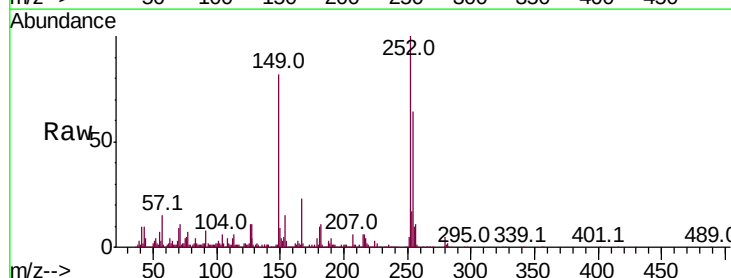
Tgt Ion:252 Resp: 1172217

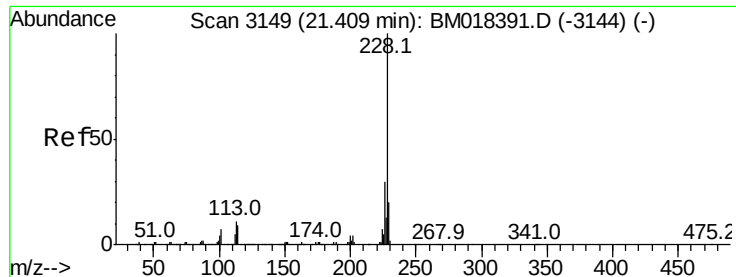
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.0

126 11.4 8.7 13.1





#83

Chrysene

Concen: 28.513 ng

RT: 21.40 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:228 Resp: 4031008

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

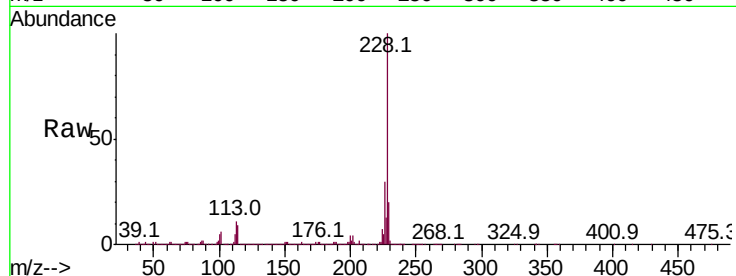
229 20.0 15.6 23.4

Manual Integrations

APPROVED

Sohil

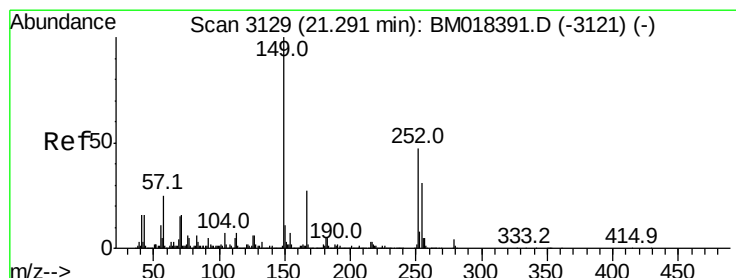
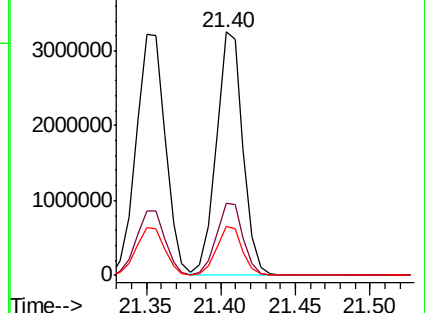
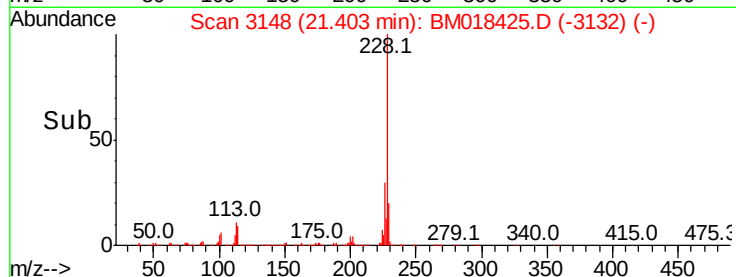
12/28/2018 12:30:40 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.698 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

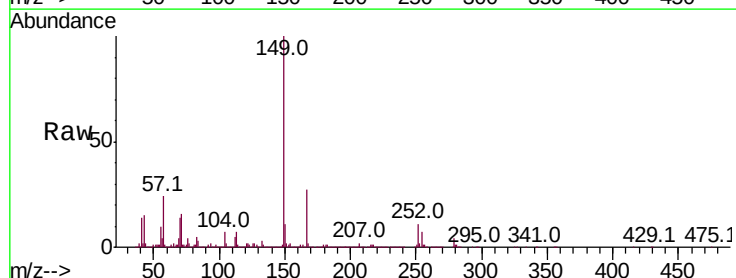
Tgt Ion:149 Resp: 2996899

Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

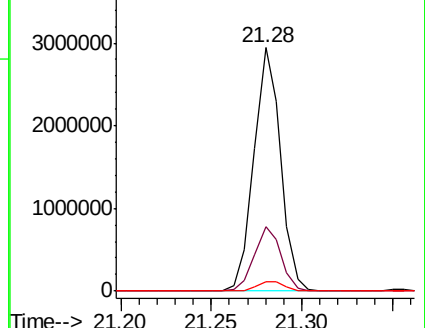
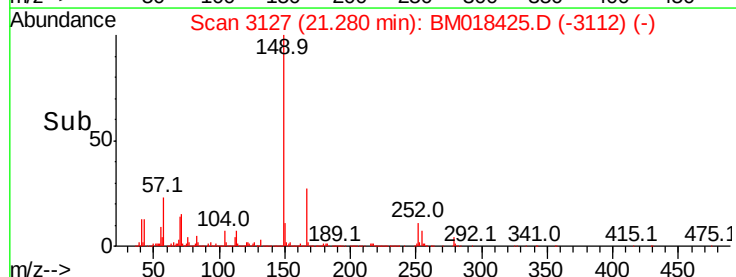
279 3.8 3.3 4.9

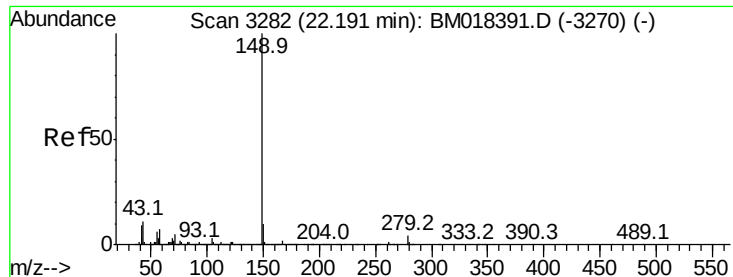


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





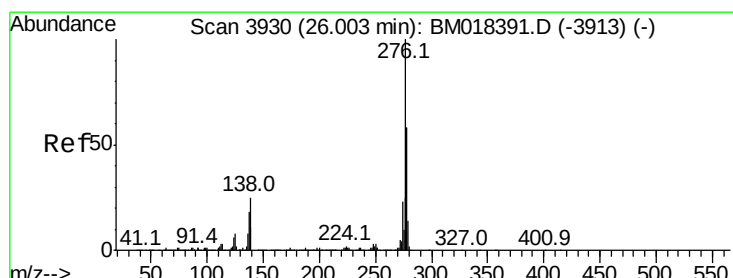
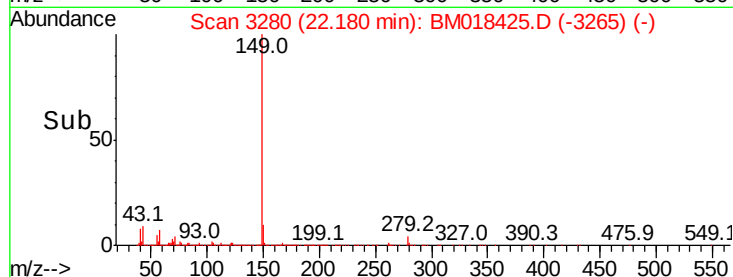
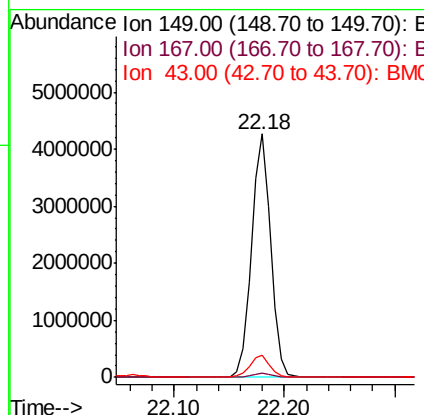
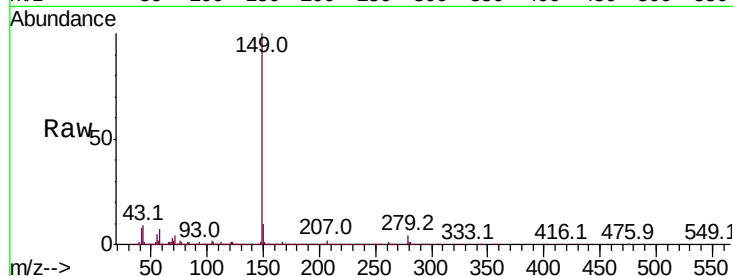
#85
Di-n-octyl phthalate
Concen: 32.062 ng
RT: 22.18 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampled :
PB116023BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	8.6	12.8

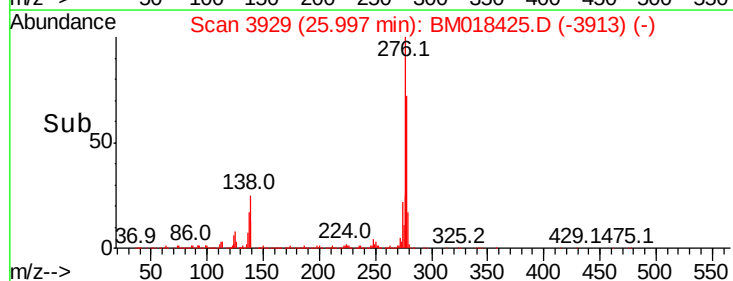
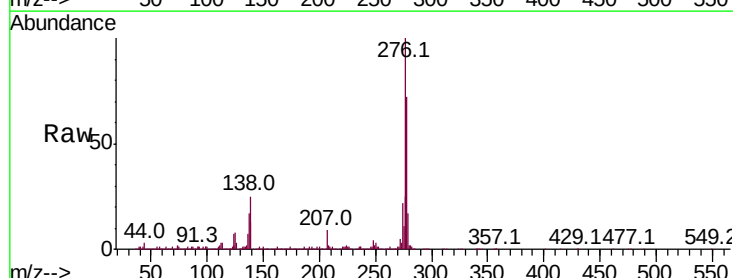
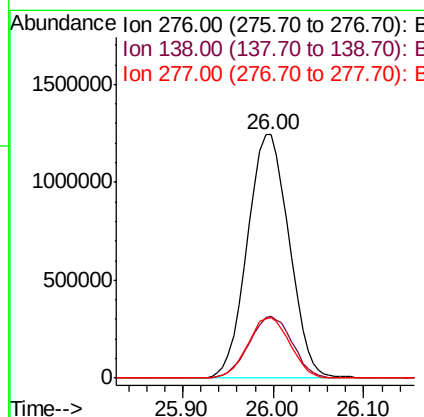
Manual Integrations
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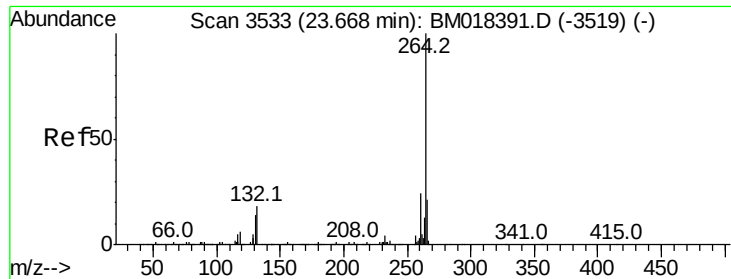
Sohil
12/28/2018 12:30:40 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 22.798 ng
RT: 26.00 min Scan# 3929
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.5	32.3
277	25.1	20.2	30.2





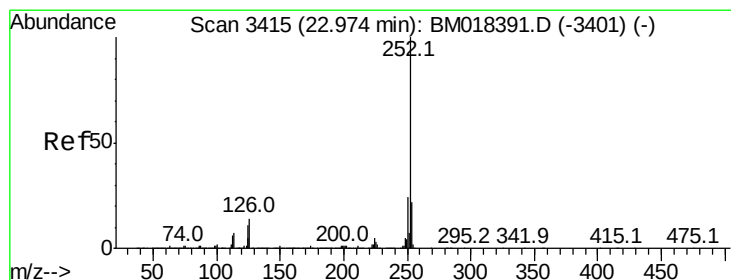
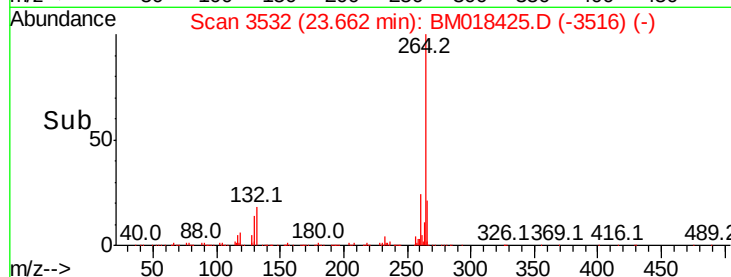
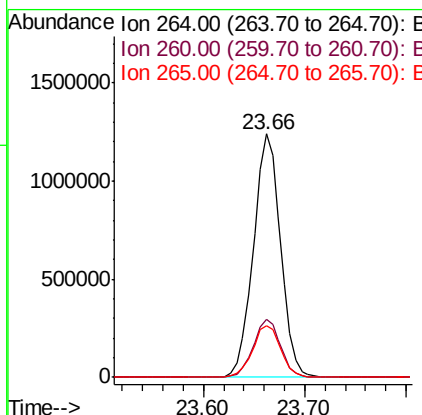
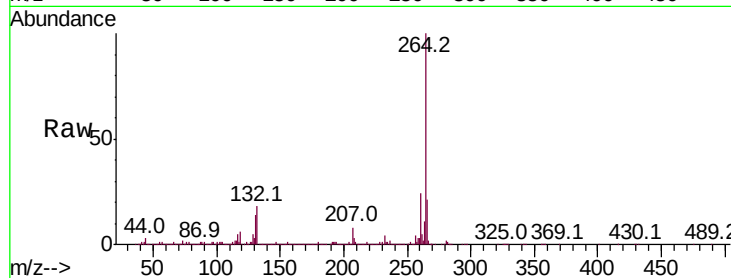
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.3	16.8	25.2

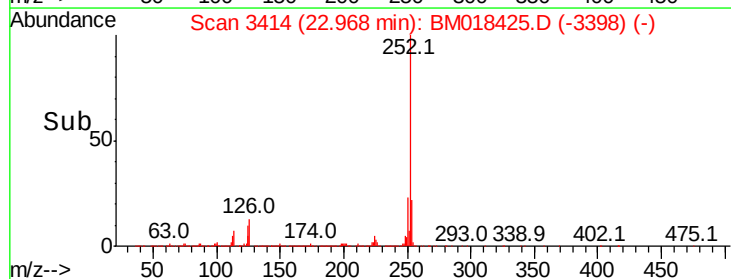
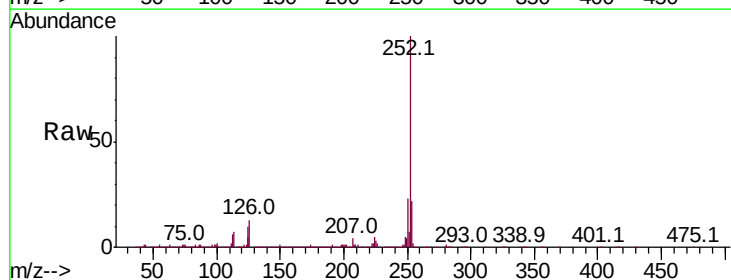
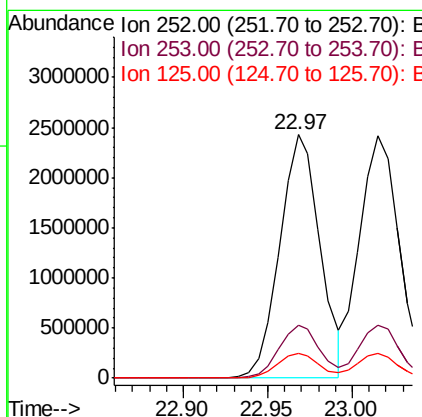
Manual Integrations
APPROVED

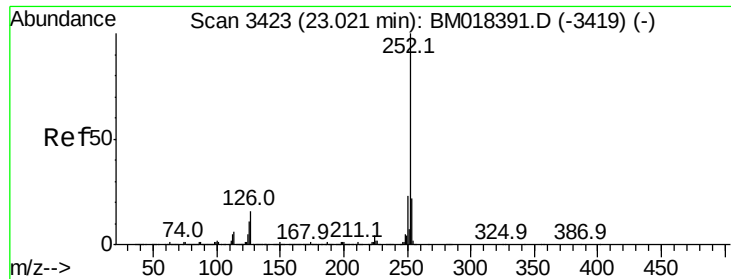
Sohil
12/28/2018 12:30:40 PM



#88
Benzo(b)fluoranthene
Concen: 31.193 ng
RT: 22.97 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.0	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 30.615 ng

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

Instrument :

BNA_M

ClientSampleId :

PB116023BS

Tot Ion:252 Resp: 3946889

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

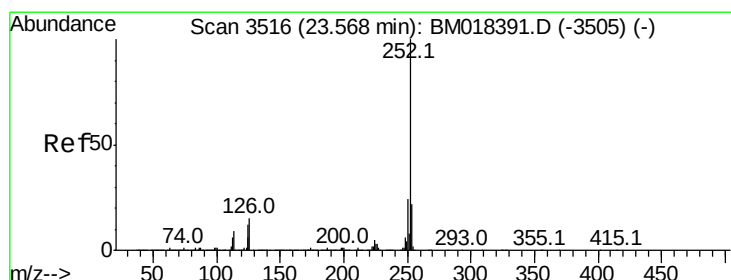
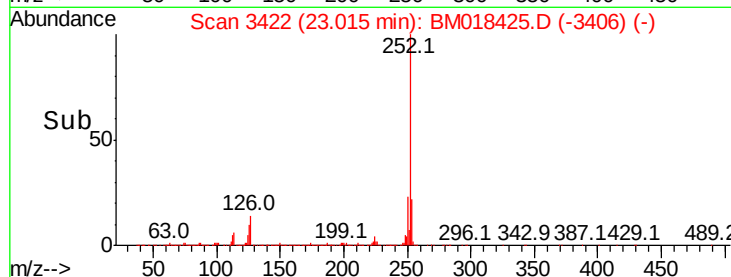
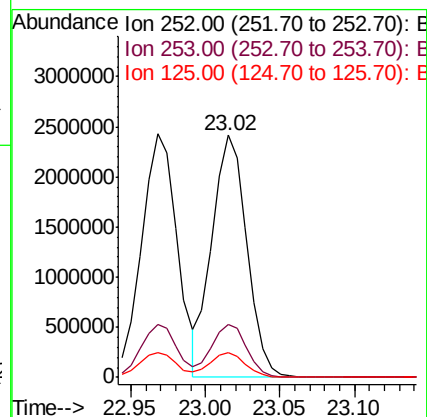
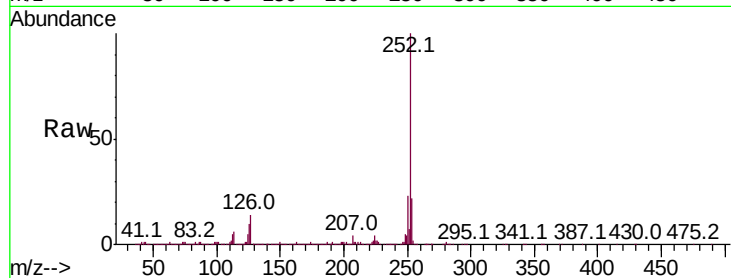
125 10.3 8.6 12.8

Manual Integrations

APPROVED

Sohil

12/28/2018 12:30:40 PM



#90

Benzo(a)pyrene

Concen: 30.460 ng

RT: 23.56 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM018425.D

Acq: 28 Dec 2018 09:02

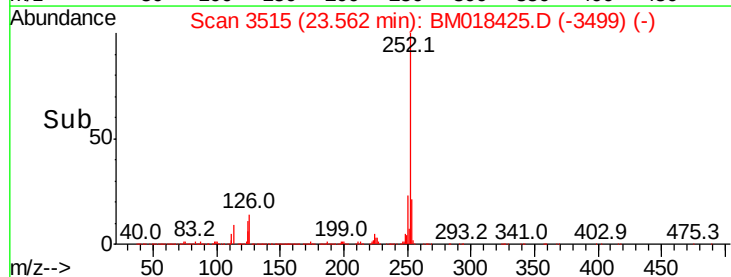
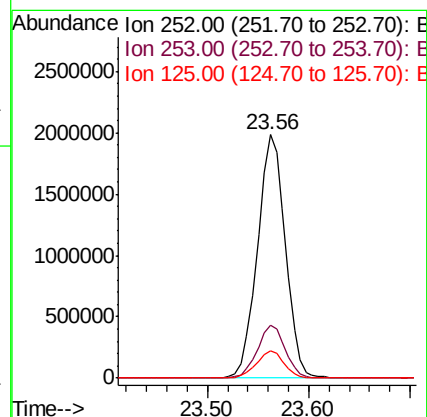
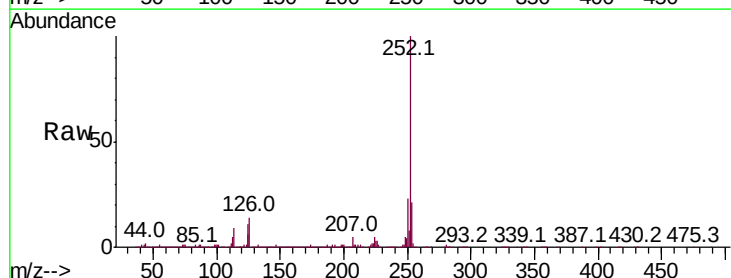
Tgt Ion:252 Resp: 3771659

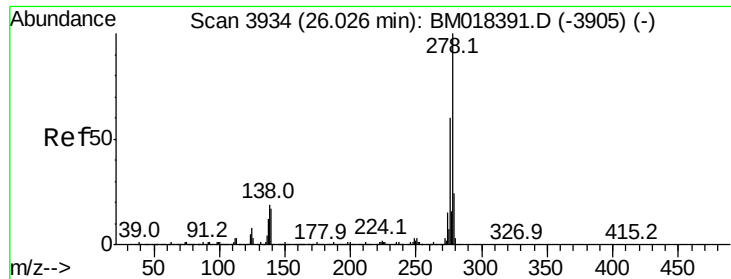
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 11.5 9.7 14.5





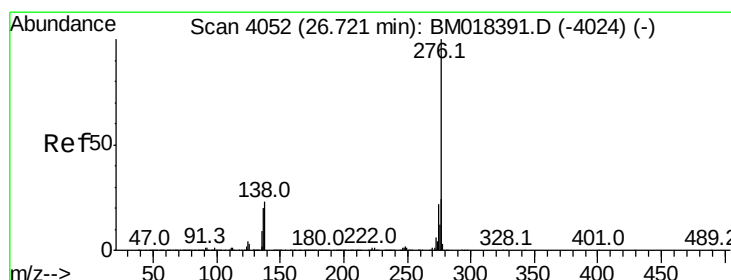
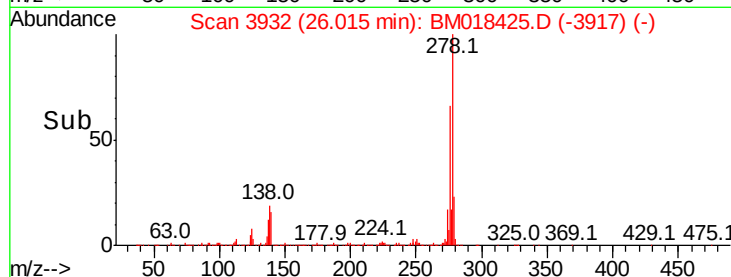
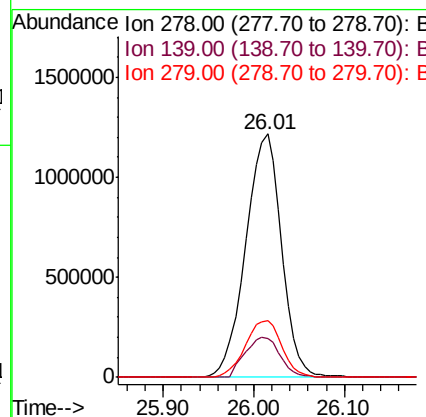
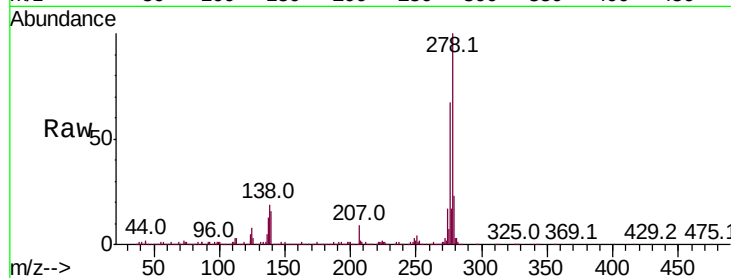
#91
Dibenzo(a,h)anthracene
Concen: 25.898 ng
RT: 26.01 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.2	19.8
279	23.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
12/28/2018 12:30:40 PM



#92
Benzo(g,h,i)perylene
Concen: 26.109 ng
RT: 26.71 min Scan# 4050
Delta R.T. -0.01 min
Lab File: BM018425.D
Acq: 28 Dec 2018 09:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.8	18.1	27.1

