

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018522.D
 Acq On : 10 Jan 2019 23:17
 Operator : JU/SJ
 Sample : K1099-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:41:11 PM

Quant Time: Jan 11 03:58:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	547622	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2326802	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1350323	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2975741	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2854501	20.00	ng	0.00
87) Perylene-d12	23.64	264	2461409	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	4397628	148.28	ng	0.00
7) Phenol-d6	6.94	99	5934412	157.54	ng	0.00
23) Nitrobenzene-d5	8.93	82	3588992	89.42	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	2636654	153.35	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	9167673	88.59	ng	0.00
79) Terphenyl-d14	19.79	244	12241098	90.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	370882	30.683	ng	98
3) Pyridine	3.68	79	1079966	35.836	ng	97
4) n-Nitrosodimethylamine	3.60	42	606684	48.684	ng	# 95
6) Aniline	7.10	93	1119279	26.638	ng	100
8) 2-Chlorophenol	7.33	128	1713150	49.460	ng	94
9) Benzaldehyde	6.92	77	500164	20.152	ng	96
10) Phenol	6.97	94	2039412	53.280	ng	97
11) bis(2-Chloroethyl)ether	7.20	93	1343157	44.658	ng	96
12) 1,3-Dichlorobenzene	7.65	146	1712261	41.509	ng	100
13) 1,4-Dichlorobenzene	7.80	146	1748629	41.824	ng	100
14) 1,2-Dichlorobenzene	8.11	146	1692832	42.701	ng	99
15) Benzyl Alcohol	8.01	79	1417613	52.106	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1707089	44.414	ng	95
17) 2-Methylphenol	8.20	107	1386524	53.364	ng	99
18) Hexachloroethane	8.83	117	638043	42.801	ng	93
19) n-Nitroso-di-n-propylamine	8.57	70	1157532	47.220	ng	94
20) 3+4-Methylphenols	8.54	107	1900541	52.987	ng	95
22) Acetophenone	8.59	105	2378531	41.323	ng	# 98
24) Nitrobenzene	8.97	77	1711241	43.331	ng	96
25) Isophorone	9.49	82	3218068	52.947	ng	97
26) 2-Nitrophenol	9.67	139	952050	49.856	ng	95
27) 2,4-Dimethylphenol	9.73	122	1587694	55.470	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	1979709	47.150	ng	99
29) 2,4-Dichlorophenol	10.21	162	1760072	51.641	ng	98
30) 1,2,4-Trichlorobenzene	10.42	180	1778600	42.043	ng	100
31) Naphthalene	10.60	128	5213563	46.525	ng	100
32) Benzoic acid	9.86	122	507436m	29.266	ng	
33) 4-Chloroaniline	10.73	127	433202	9.816	ng	98
34) Hexachlorobutadiene	10.87	225	1081547	40.468	ng	99
35) Caprolactam	11.53	113	518417m	44.738	ng	
36) 4-Chloro-3-methylphenol	11.85	107	1830446	51.191	ng	99
37) 2-Methylnaphthalene	12.22	142	3926553	49.594	ng	99
38) 1-Methylnaphthalene	12.44	142	3742301	48.851	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	2037589	43.151	ng	99

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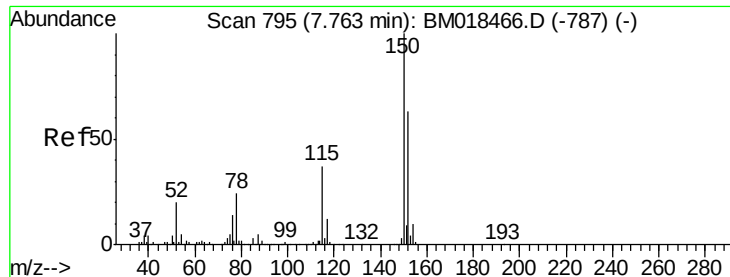
Manual Integrations
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Quant Time: Jan 11 03:58:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	2343288	90.419	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	1447873	50.493	ng	100
44) 2,4,5-Trichlorophenol	12.91	196	1548307	51.340	ng	98
46) 1,1'-Biphenyl	13.24	154	5039647	42.744	ng	99
47) 2-Chloronaphthalene	13.28	162	3922577	42.903	ng	100
48) 2-Nitroaniline	13.50	65	1087283	48.337	ng	92
49) Acenaphthylene	14.13	152	6399235	48.027	ng	99
50) Dimethylphthalate	13.87	163	6683739	60.269	ng	99
51) 2,6-Dinitrotoluene	14.00	165	1130474	48.124	ng	95
52) Acenaphthene	14.47	154	3659864	44.892	ng	97
53) 3-Nitroaniline	14.33	138	480369	20.284	ng	96
54) 2,4-Dinitrophenol	14.54	184	853901	68.305	ng	89
55) Dibenzofuran	14.81	168	5874311	43.610	ng	98
56) 4-Nitrophenol	14.65	139	1972773	96.424	ng	95
57) 2,4-Dinitrotoluene	14.79	165	1567308	47.156	ng	98
58) Fluorene	15.46	166	4781603	47.652	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1397953	52.297	ng	97
60) Diethylphthalate	15.24	149	5160660	46.096	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	2486141	42.988	ng	98
62) 4-Nitroaniline	15.50	138	1054676	40.829	ng	98
63) Azobenzene	15.75	77	4085204	44.756	ng	96
65) 4,6-Dinitro-2-methylphenol	15.55	198	739706	40.011	ng	90
66) n-Nitrosodiphenylamine	15.67	169	4256549	46.113	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	1501955	45.103	ng	98
68) Hexachlorobenzene	16.46	284	1641880	44.043	ng	97
69) Atrazine	16.63	200	1564132	46.872	ng	99
70) Pentachlorophenol	16.81	266	2086223	85.449	ng	97
71) Phenanthrene	17.20	178	7481258	47.266	ng	100
72) Anthracene	17.29	178	7624990	50.098	ng	99
73) Carbazole	17.57	167	6951689	44.456	ng	100
74) Di-n-butylphthalate	18.12	149	8542173	49.871	ng	99
75) Fluoranthene	19.22	202	8602103	47.139	ng	98
77) Benzidine	19.42	184	3573526	50.701	ng	100
78) Pyrene	19.59	202	8755238	51.745	ng	98
80) Butylbenzylphthalate	20.49	149	3949522	54.703	ng	98
81) Benzo(a)anthracene	21.34	228	8176147	48.620	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1148769	18.065	ng	99
83) Chrysene	21.39	228	7636833	47.029	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	5620555	53.911	ng	98
85) Di-n-octyl phthalate	22.15	149	9186321	52.388	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.97	276	6987044	37.314	ng	97
88) Benzo(b)fluoranthene	22.95	252	7004837	50.128	ng	98
89) Benzo(k)fluoranthene	23.00	252	7100250	50.418	ng	98
90) Benzo(a)pyrene	23.54	252	6656957	49.760	ng	98
91) Dibenzo(a,h)anthracene	25.98	278	5902955	43.547	ng	97
92) Benzo(g,h,i)perylene	26.68	276	5674927	43.021	ng	98

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



#1

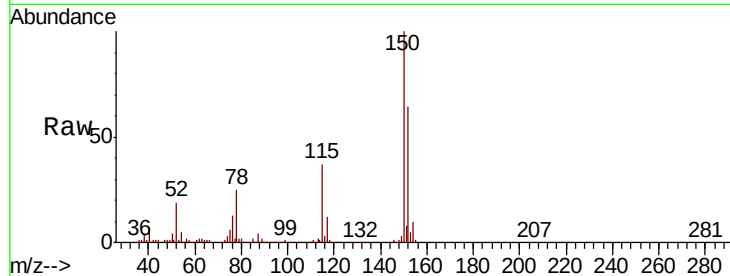
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.9	190.3
115	57.2	45.5	68.3

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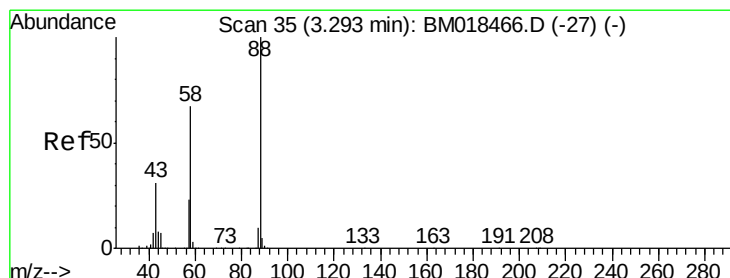
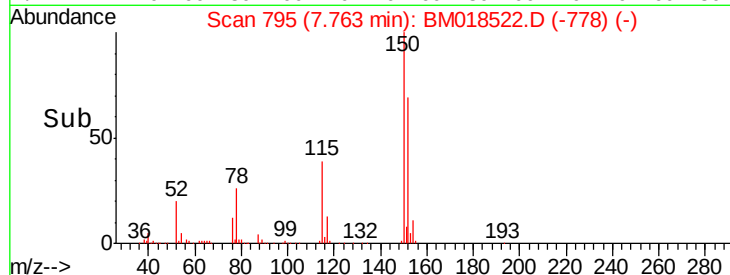
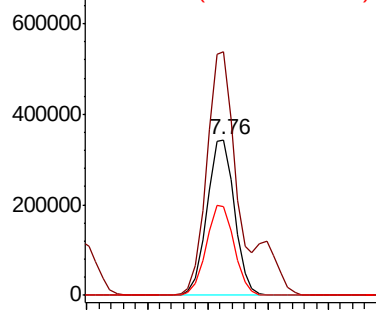


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

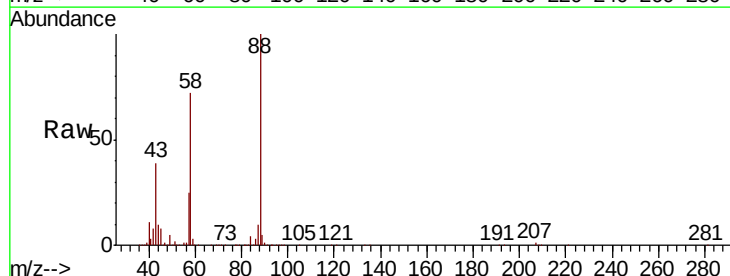
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.683 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	58.4	87.6
43	32.2	26.2	39.4

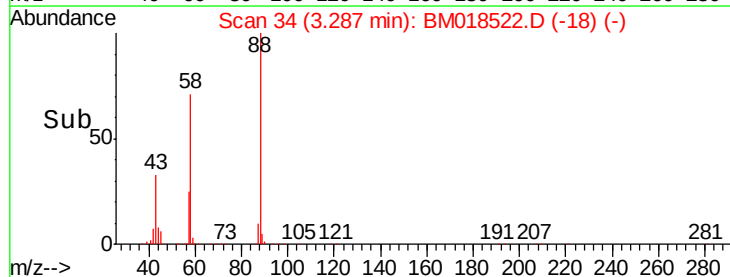
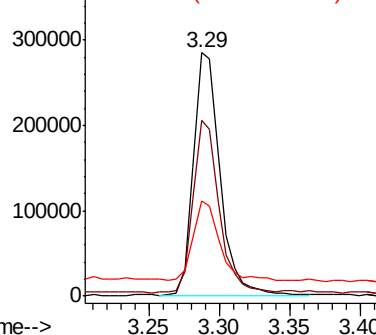


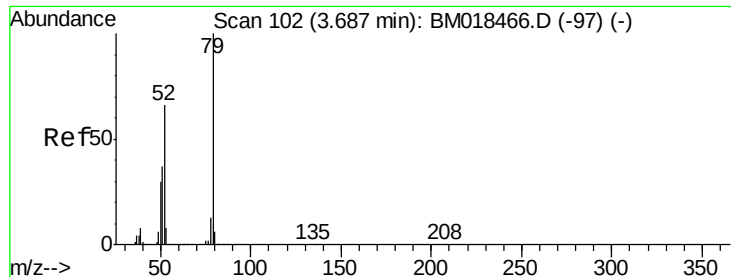
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.836 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tot Ion: 79 Resp: 1079966

Ion Ratio Lower Upper

79 100

52 68.3 56.4 84.6

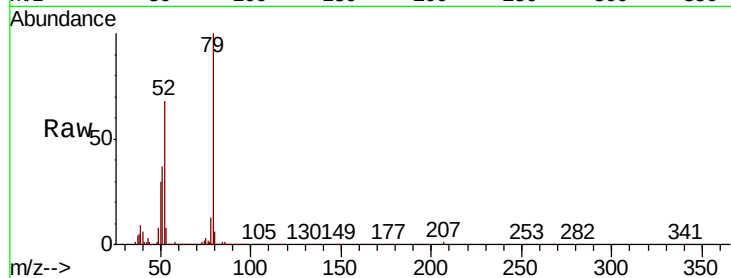
51 37.3 31.0 46.4

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Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)

800000

600000

400000

200000

0

3.68

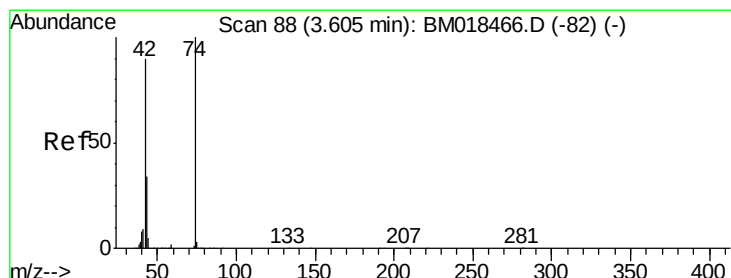
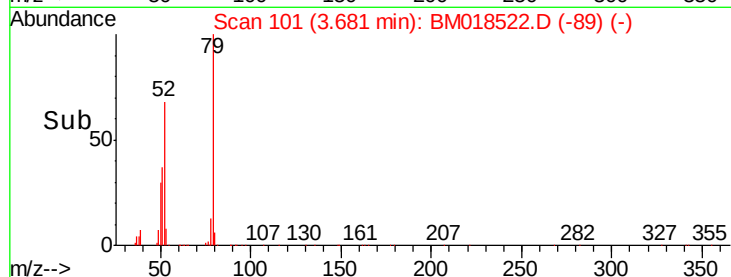
3.60

3.70

3.80

3.90

Time-->



#4

n-Nitrosodimethylamine

Concen: 48.684 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

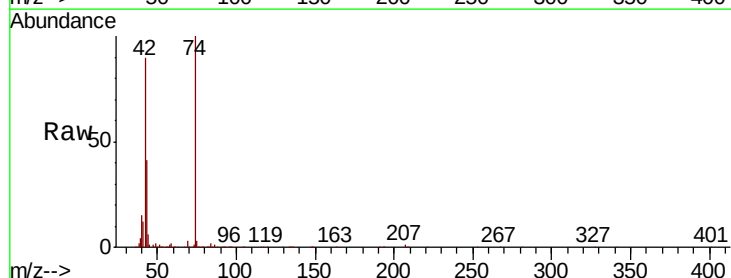
Tgt Ion: 42 Resp: 606684

Ion Ratio Lower Upper

42 100

74 110.9 88.6 132.8

44 6.4 16.9 25.3#



Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)

600000

500000

400000

300000

200000

100000

0

3.60

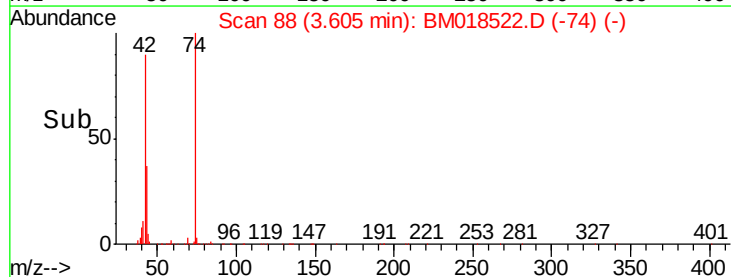
3.50

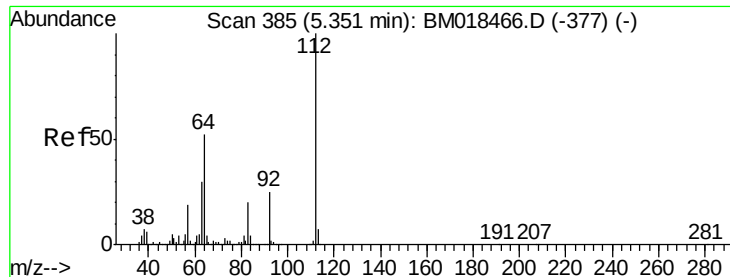
3.60

3.70

3.80

Time-->





#5

2-Fluorophenol

Concen: 148.281 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tot Ion:112 Resp: 4397628

Ion Ratio Lower Upper

112 100

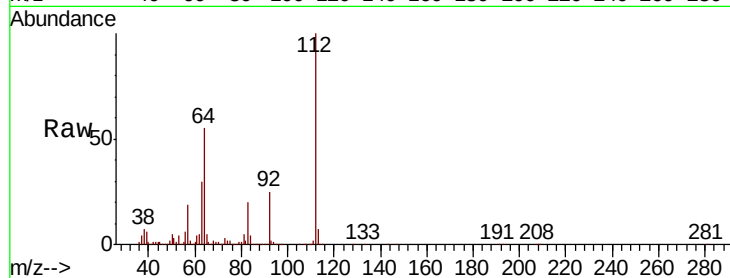
64 54.6 46.5 69.7

63 30.1 25.2 37.8

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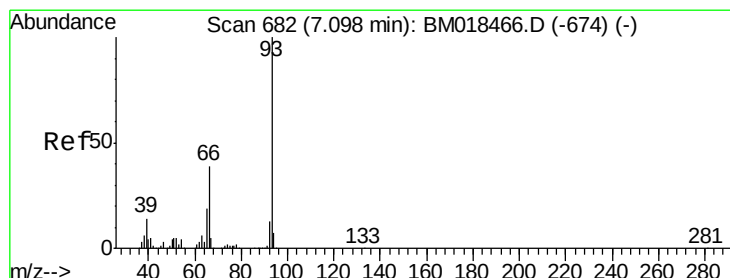
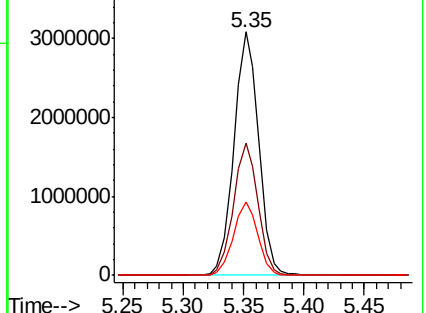
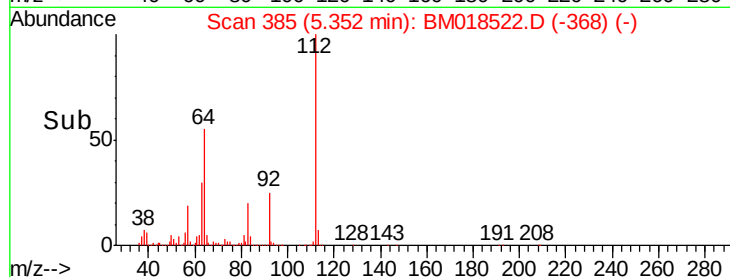
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 26.638 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

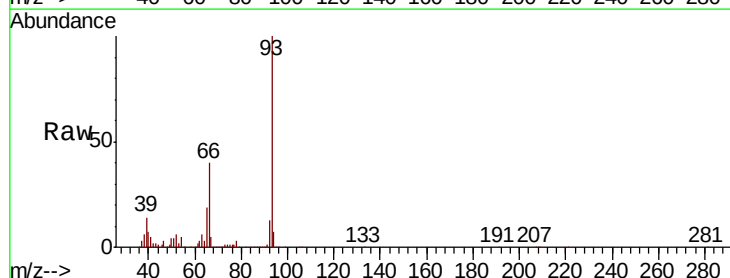
Tgt Ion: 93 Resp: 1119279

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

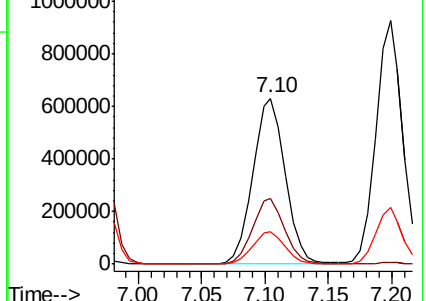
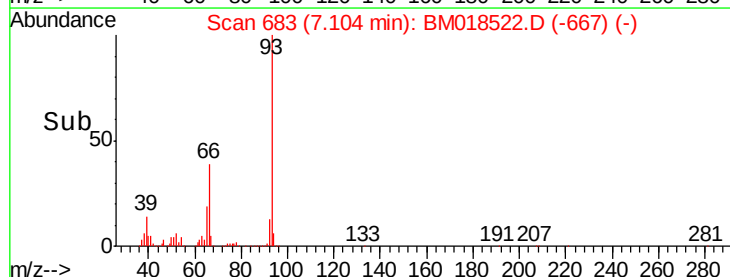
65 19.3 15.9 23.9

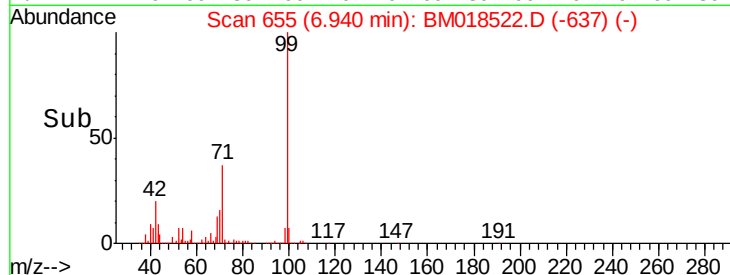
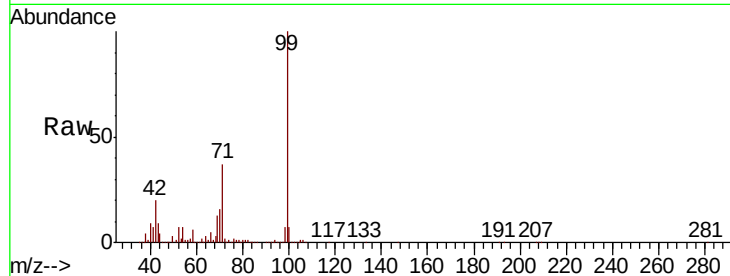
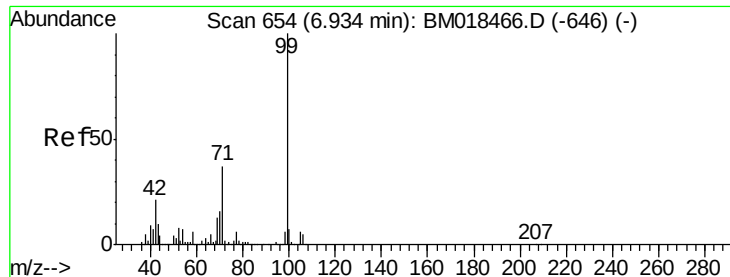


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 157.543 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Tot Ion: 99 Resp: 5934412

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

71 37.0 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

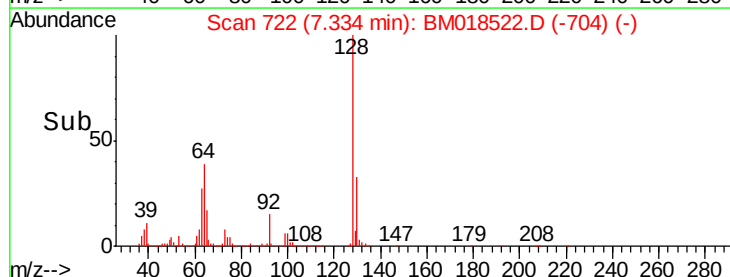
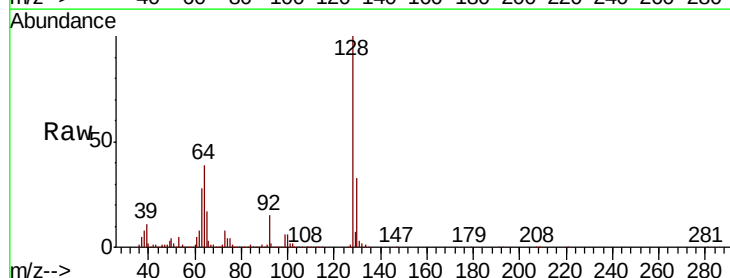
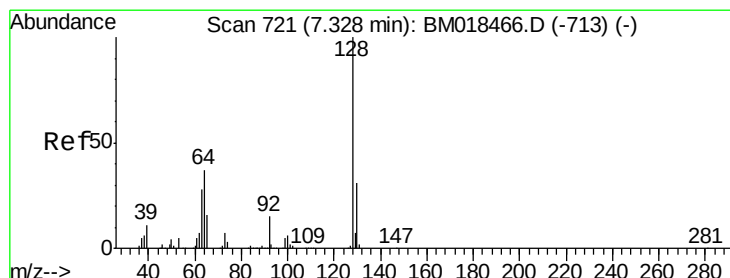
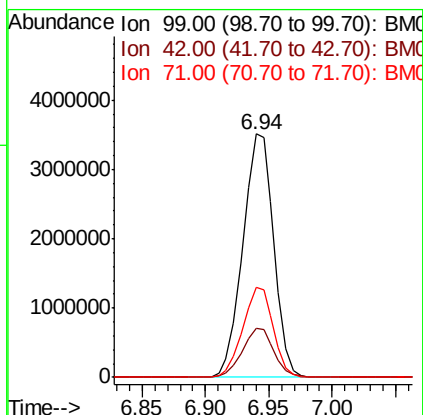
TP-16MS

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#8

2-Chlorophenol

Concen: 49.460 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

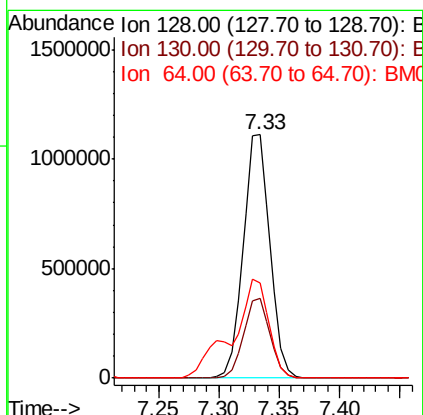
Tgt Ion:128 Resp: 1713150

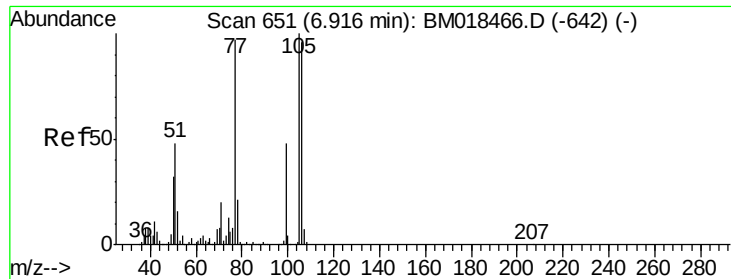
Ion Ratio Lower Upper

128 100

130 32.8 13.6 53.6

64 39.1 24.8 64.8





#9

Benzaldehyde

Concen: 20.152 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

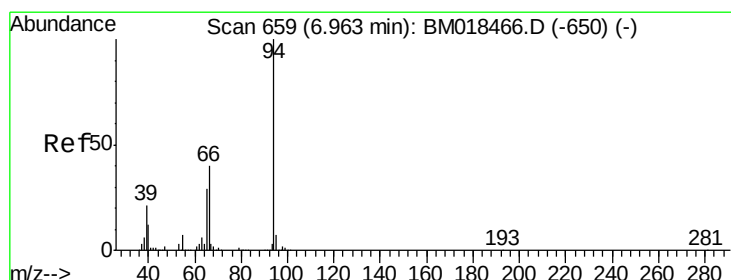
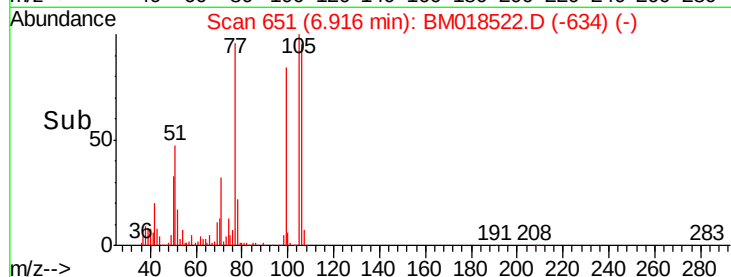
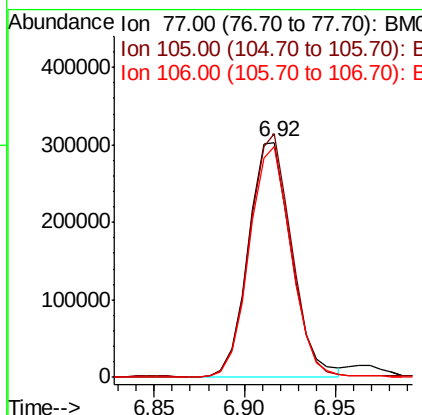
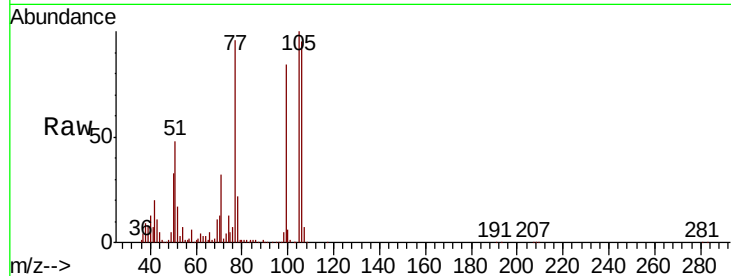
ClientSampleId :

TP-16MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	103.6	79.7	119.7	
106	98.4	75.2	115.2	

Manual Integrations
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#10

Phenol

Concen: 53.280 ng

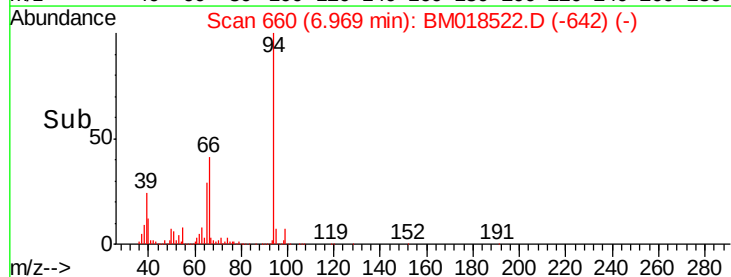
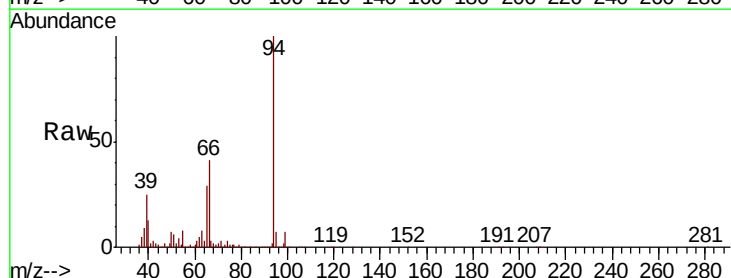
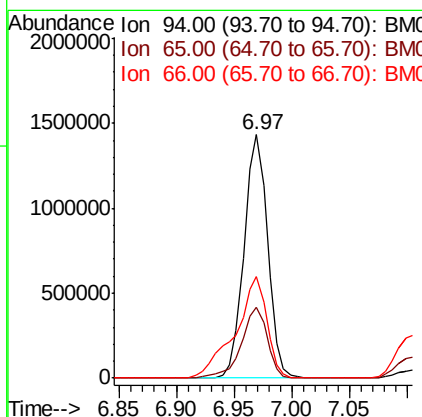
RT: 6.97 min Scan# 660

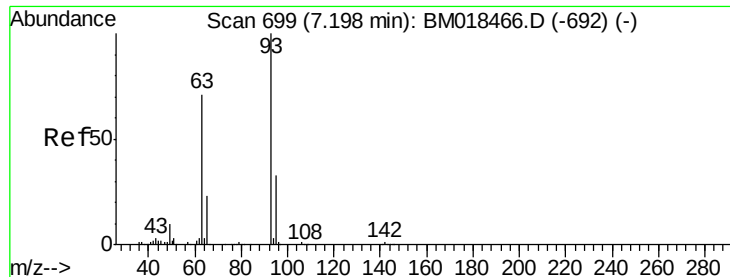
Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.9	9.4	49.4	
66	41.5	19.1	59.1	





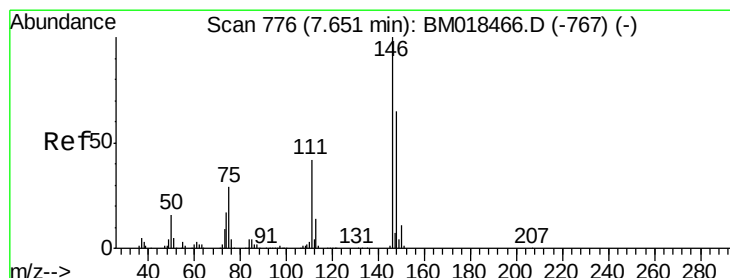
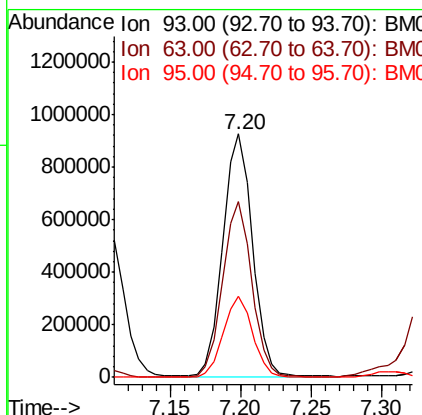
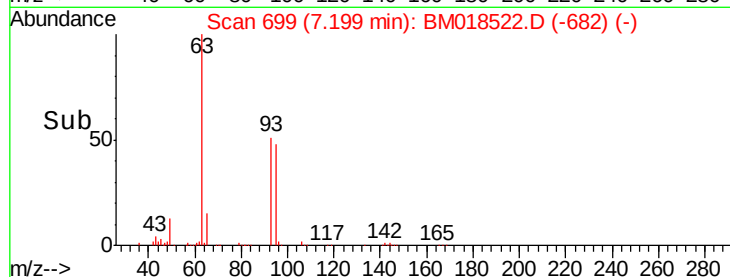
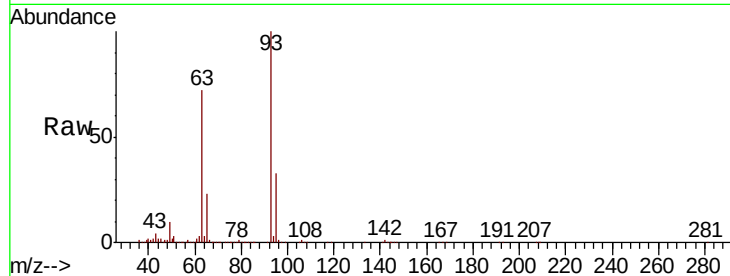
#11
bis(2-Chloroethyl)ether
Concen: 44.658 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	56.4	96.4
95	33.1	12.7	52.7

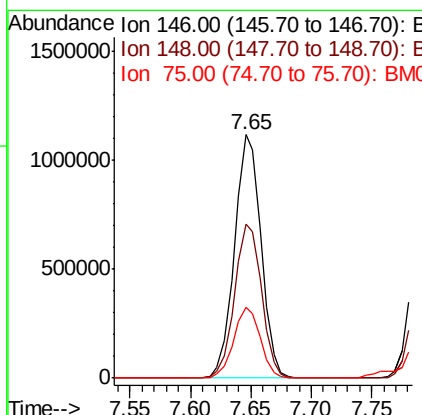
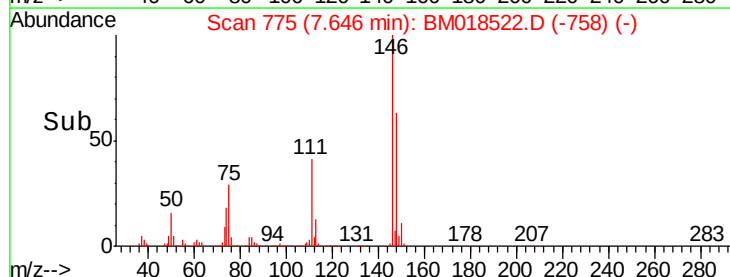
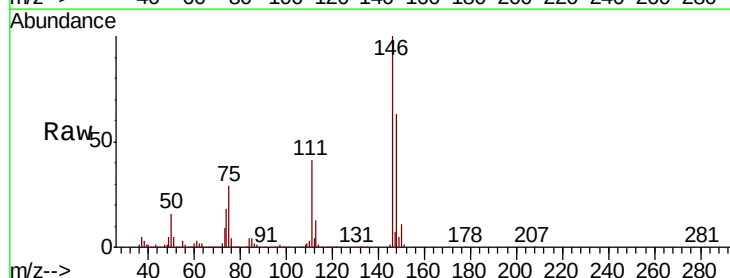
Manual Integrations
APPROVED

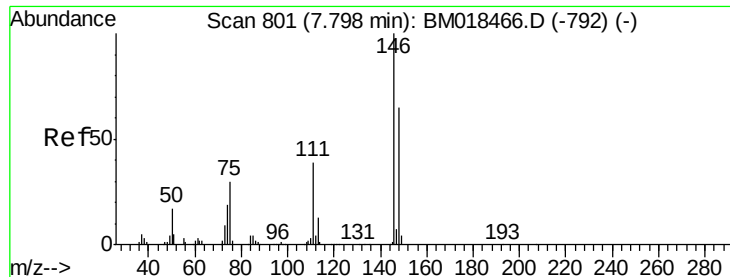
Sohil
1/11/2019 4:41:11 PM



#12
1,3-Dichlorobenzene
Concen: 41.509 ng
RT: 7.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
75	29.2	23.0	34.6





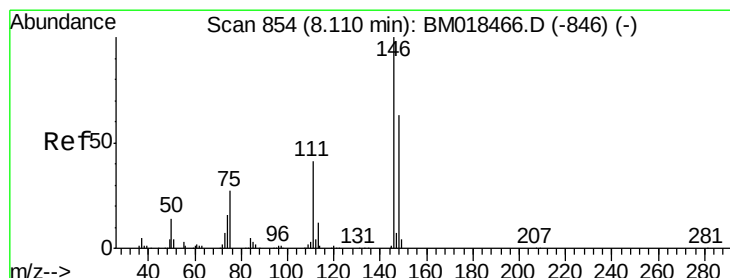
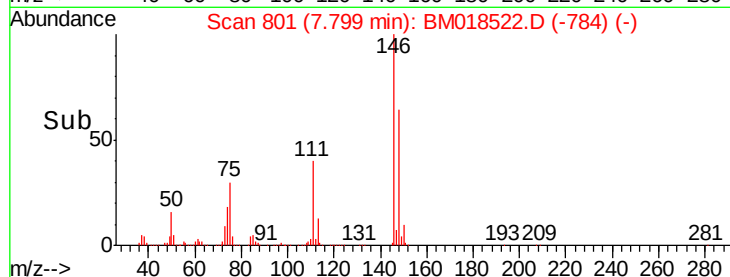
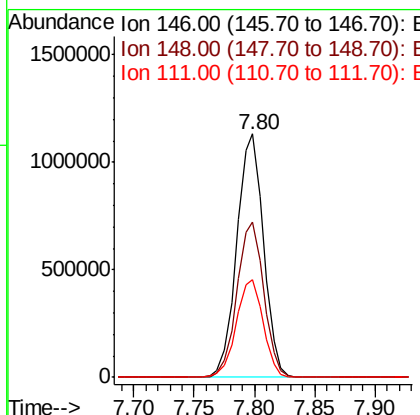
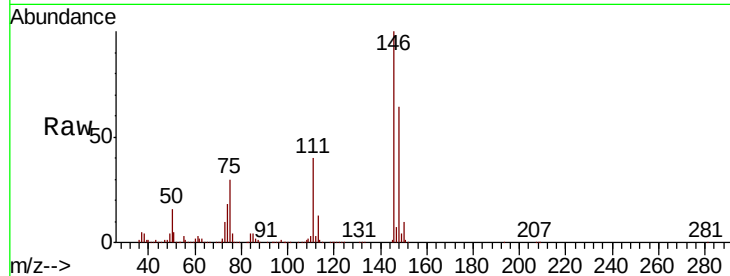
#13
1,4-Dichlorobenzene
Concen: 41.824 ng
RT: 7.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion:146 Resp: 1748629
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 40.3 32.2 48.2

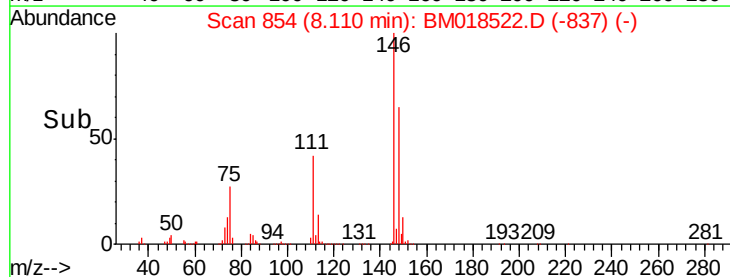
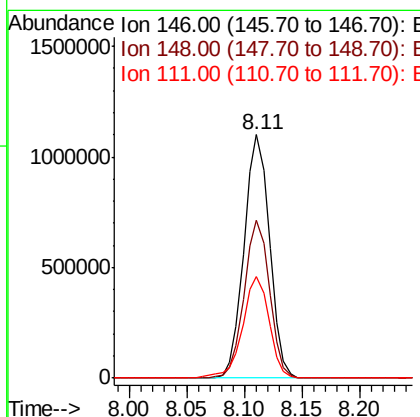
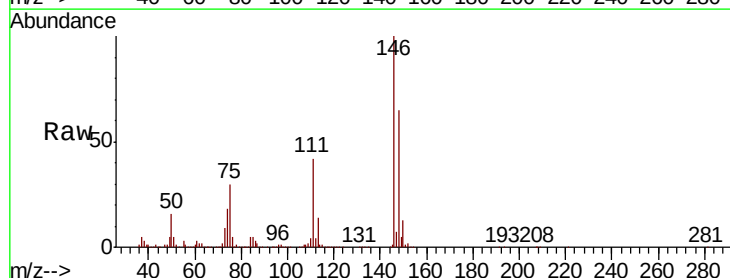
Manual Integrations
APPROVED

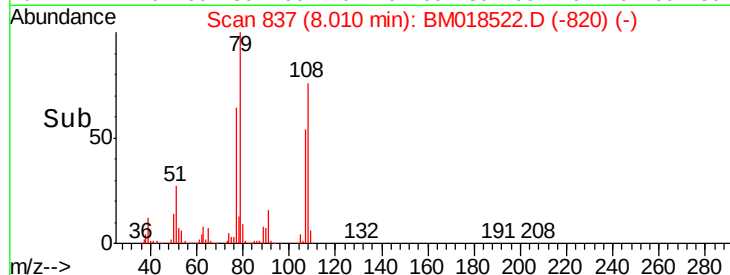
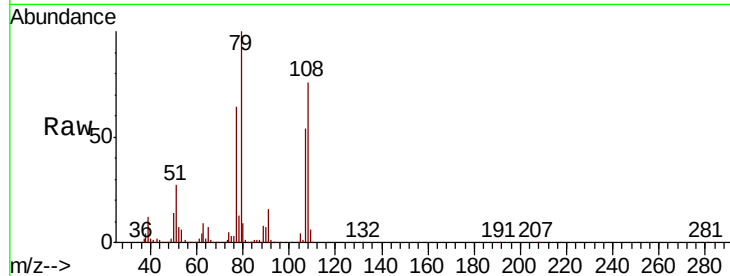
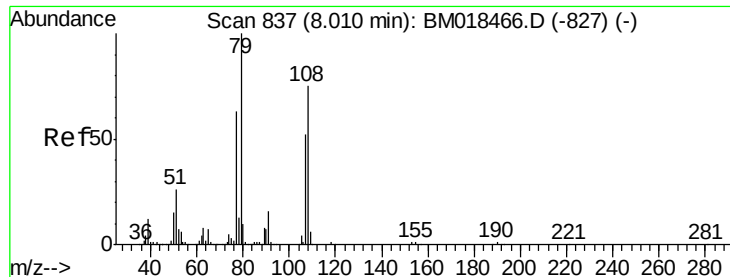
Sohil
1/11/2019 4:41:11 PM



#14
1,2-Dichlorobenzene
Concen: 42.701 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:146 Resp: 1692832
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 41.8 33.8 50.6





#15

Benzyl Alcohol

Concen: 52.106 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Tot Ion: 79 Resp: 1417613

Ion Ratio Lower Upper

79 100

108 76.0 60.4 90.6

77 64.0 53.4 80.2

Instrument :

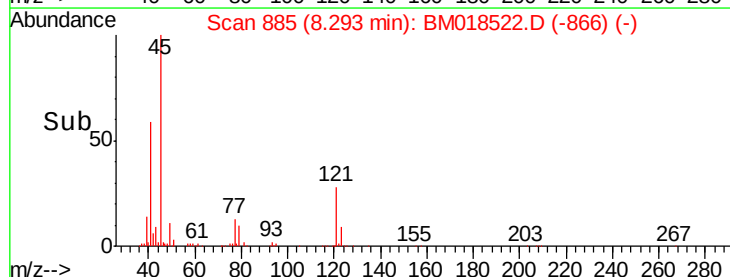
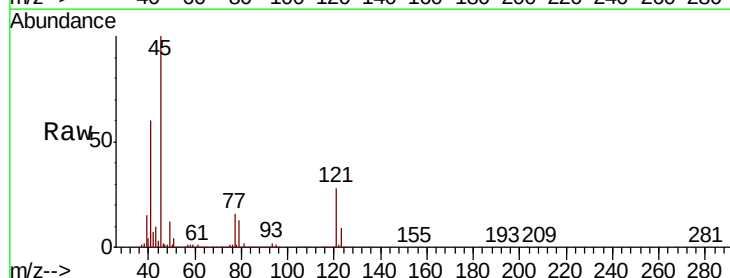
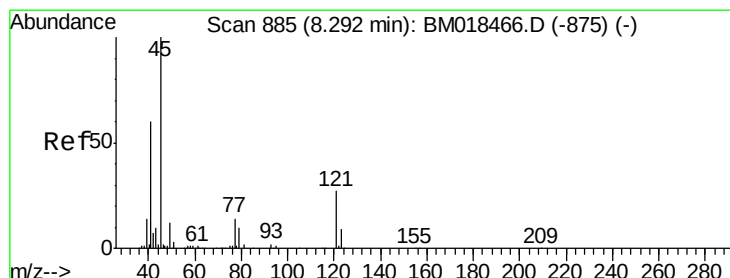
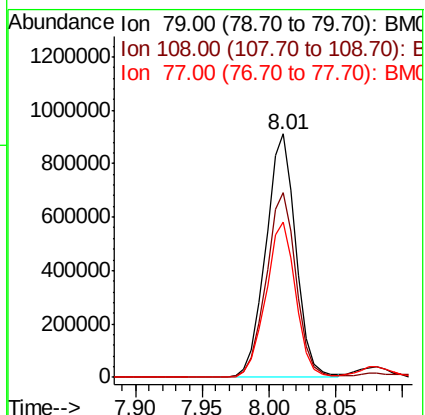
BNA_M

ClientSampled :

TP-16MS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.414 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

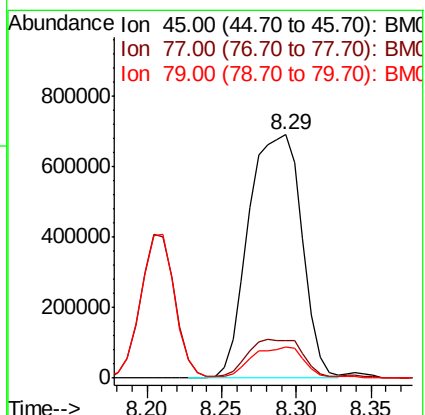
Tgt Ion: 45 Resp: 1707089

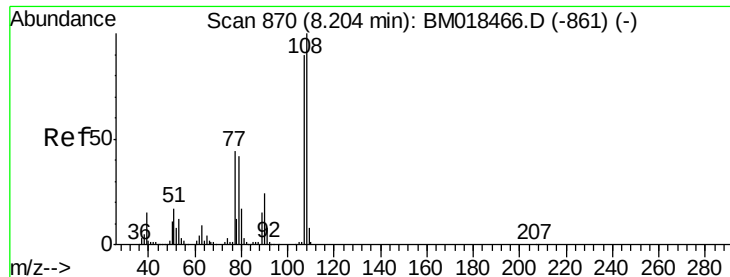
Ion Ratio Lower Upper

45 100

77 15.6 0.0 33.4

79 12.8 0.0 31.1





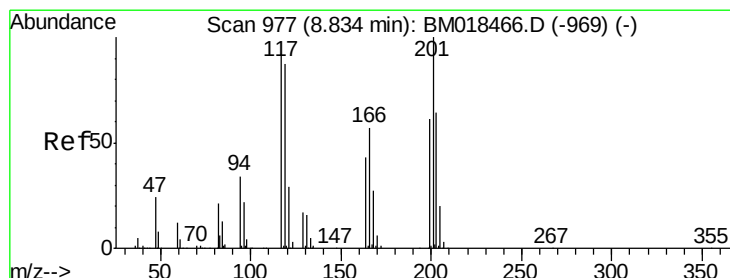
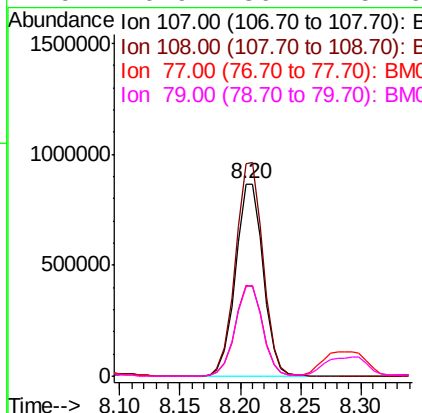
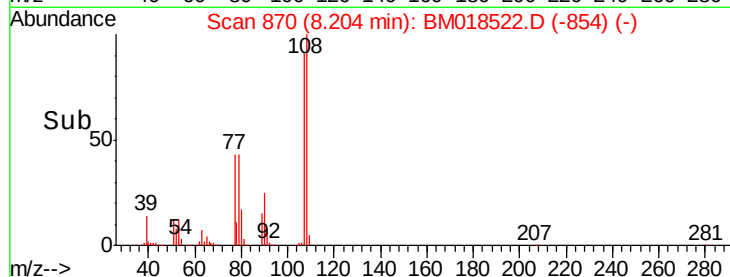
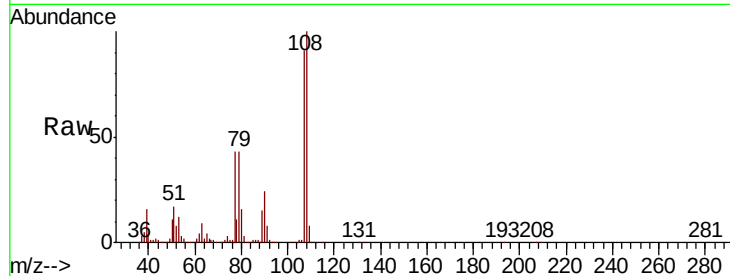
#17
2-Methylphenol
Concen: 53.364 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	87.5	131.3
77	47.0	37.3	55.9
79	46.9	36.4	54.6

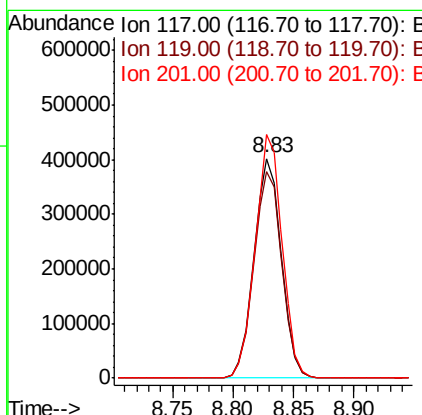
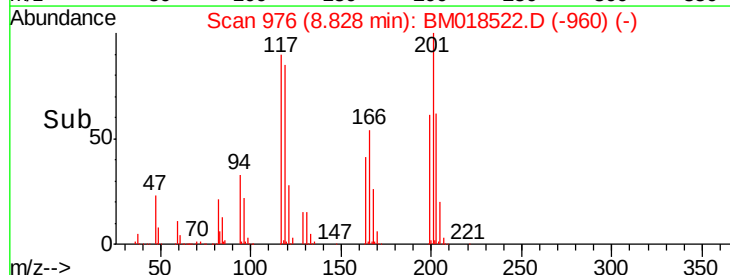
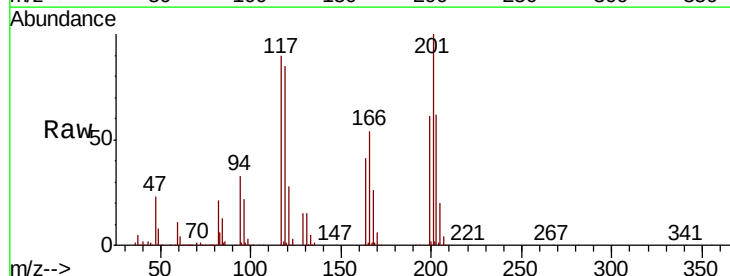
Manual Integrations
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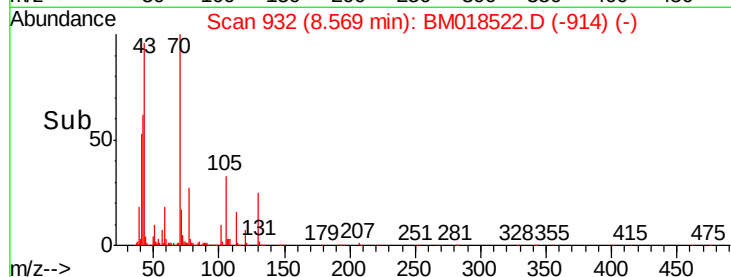
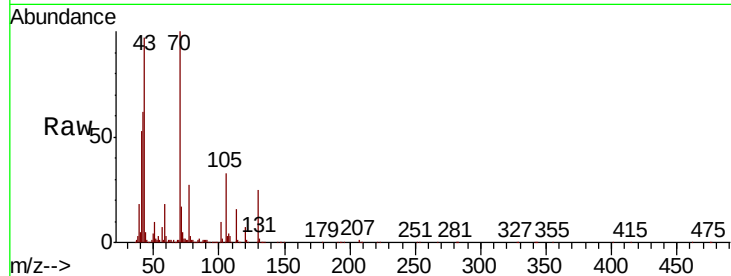
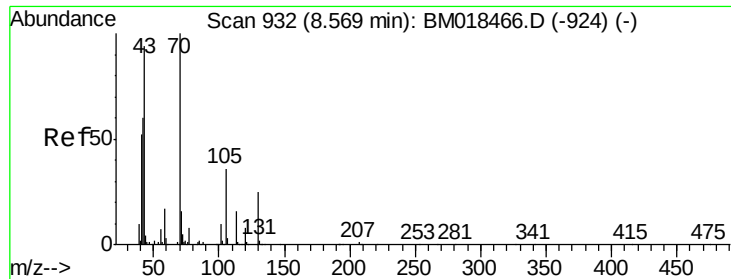
Sohil
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#18
Hexachloroethane
Concen: 42.801 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.3	117.5
201	110.9	81.4	122.0





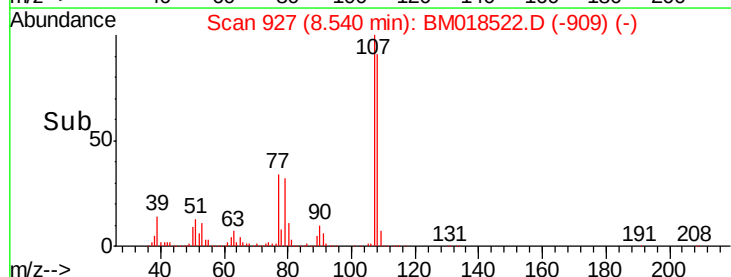
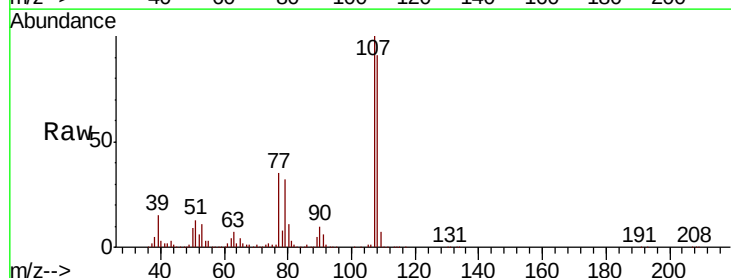
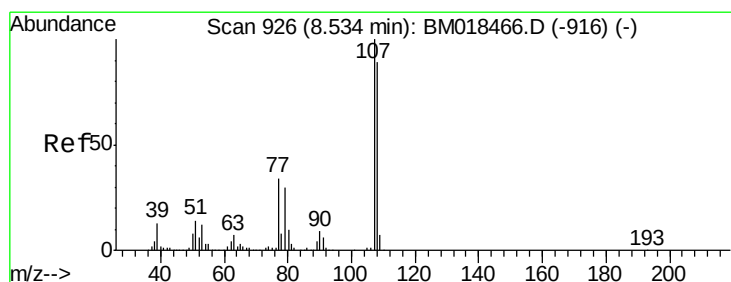
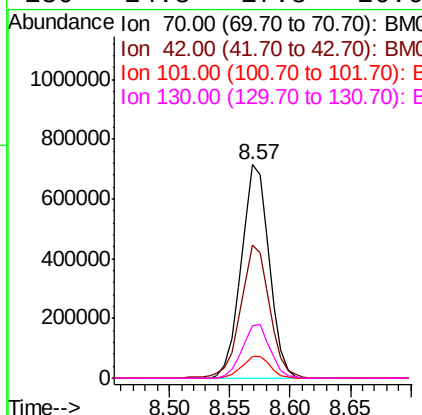
#19
n-Nitroso-di-n-propylamine
Concen: 47.220 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.4	54.0	81.0	
101	10.3	8.1	12.1	
130	24.8	17.8	26.6	

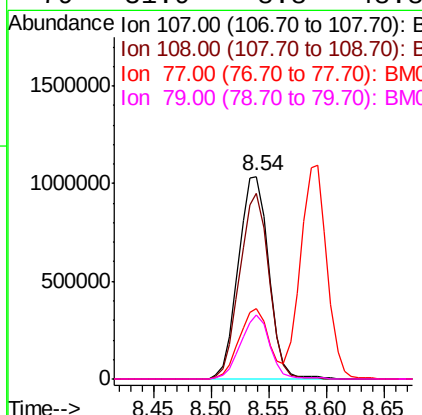
Manual Integrations
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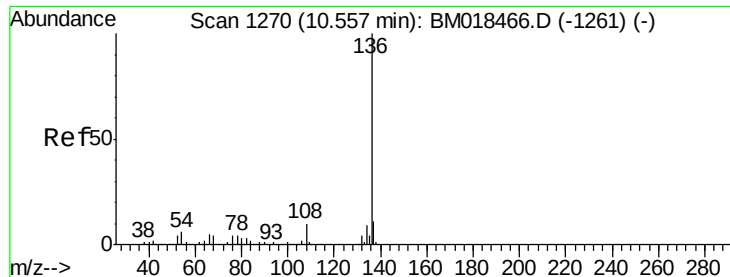
Sohil
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#20
3+4-Methylphenols
Concen: 52.987 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	66.8	106.8	
77	34.5	13.3	53.3	
79	31.9	8.8	48.8	





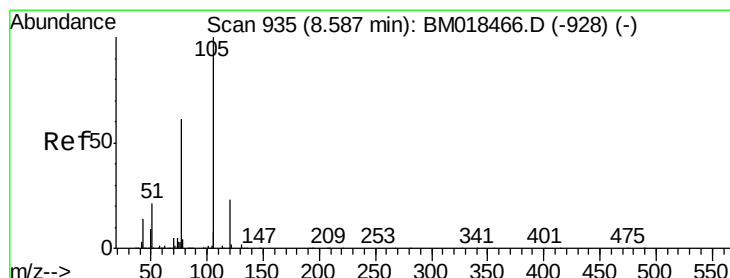
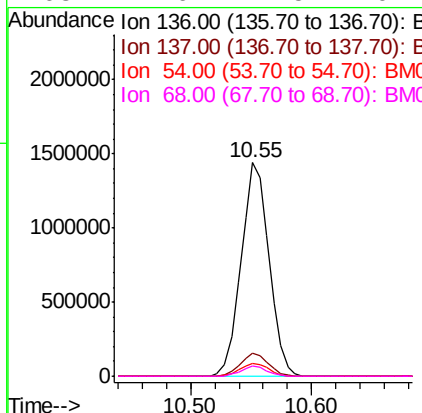
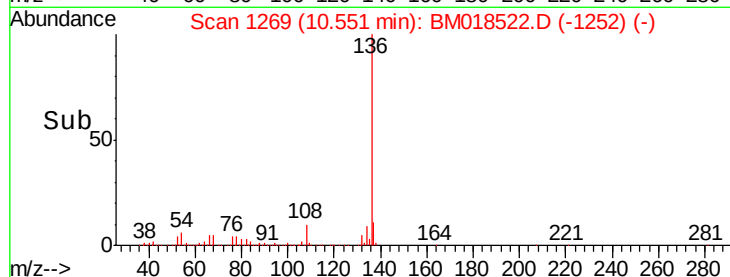
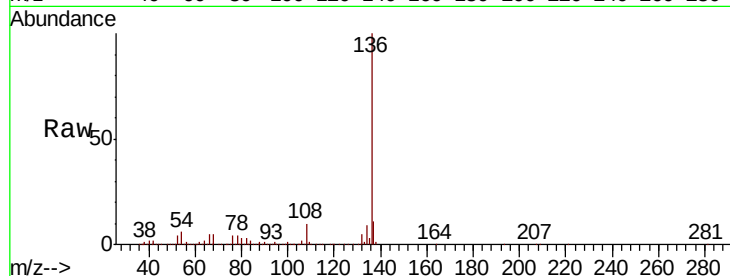
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.3	6.0	9.0
68	4.6	4.5	6.7

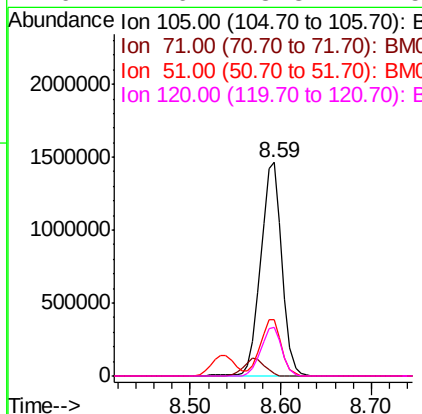
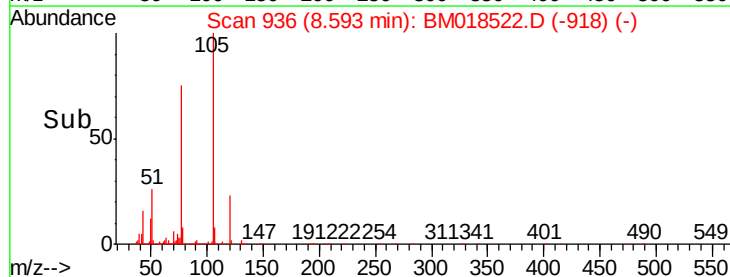
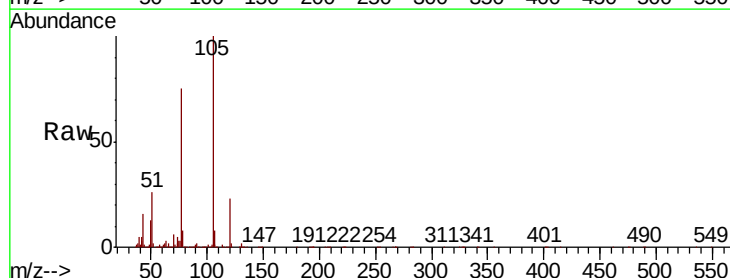
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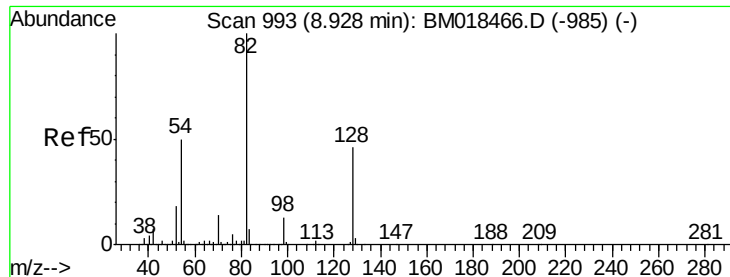
Sohil
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#22
Acetophenone
Concen: 41.323 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.7	2.5#
51	26.3	22.6	34.0
120	22.6	18.3	27.5





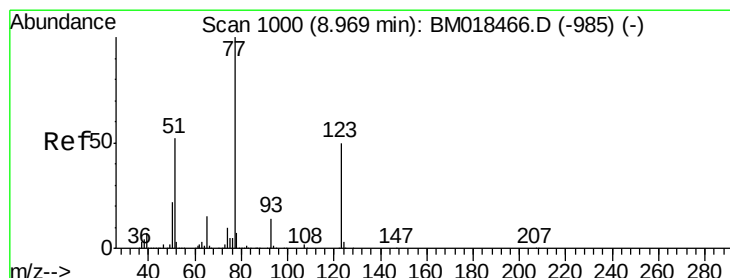
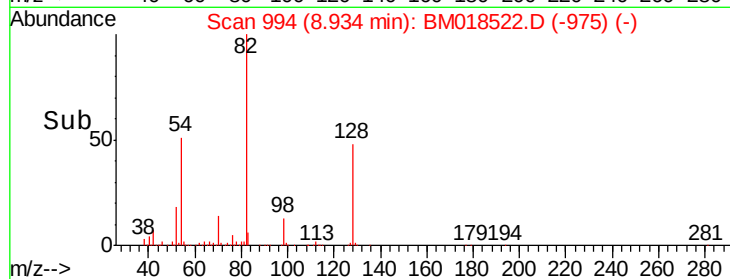
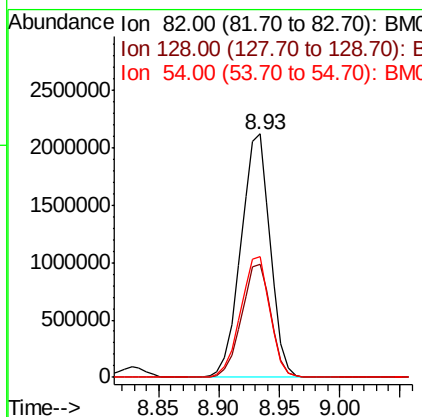
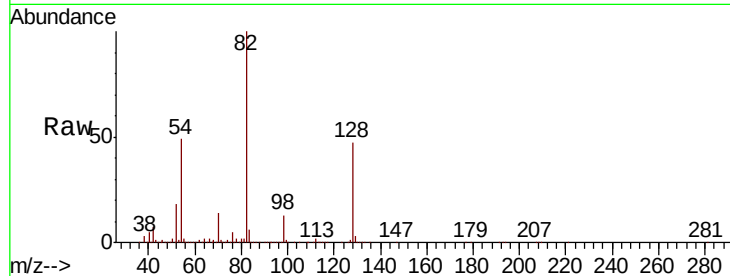
#23
 Nitrobenzene-d5
 Concen: 89.418 ng
 RT: 8.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampled :
 TP-16MS

Tot Ion	82	Resp	3588992
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	49.5	41.7	62.5

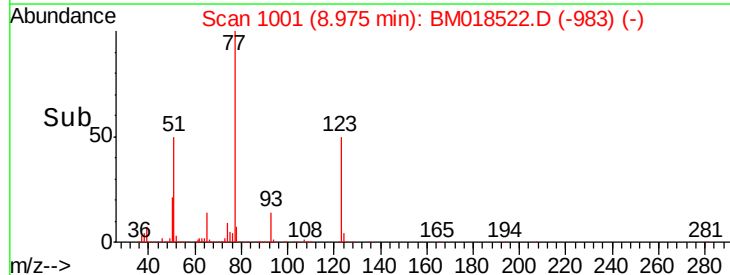
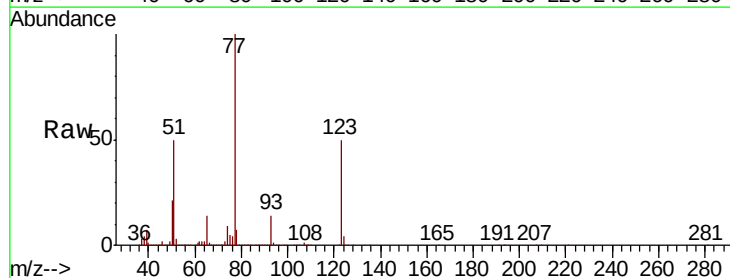
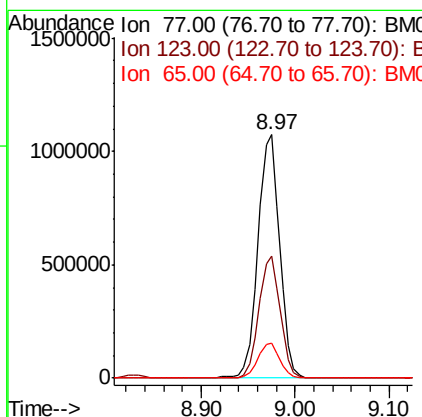
Manual Integrations
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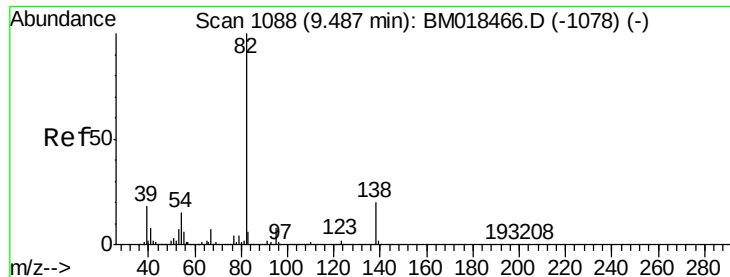
Sohil
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#24
 Nitrobenzene
 Concen: 43.331 ng
 RT: 8.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion	77	Resp	1711241
Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.7	56.5
65	14.2	11.0	16.6





#25

Isophorone

Concen: 52.947 ng

RT: 9.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampled :

TP-16MS

Tot Ion: 82 Resp: 3218068

Ion Ratio Lower Upper

82 100

95 8.3 6.1 9.1

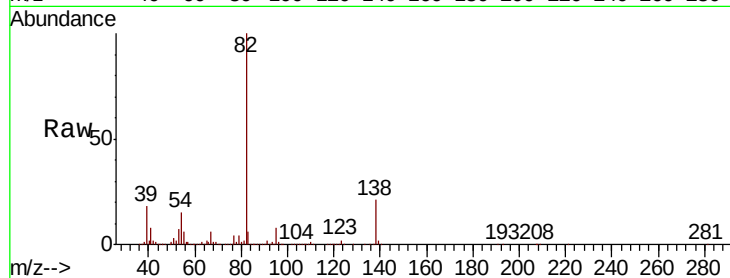
138 20.7 15.1 22.7

Manual Integrations

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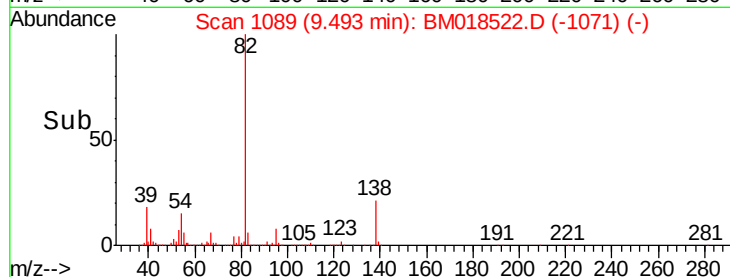


Abundance Ion 82.00 (81.70 to 82.70): BM018522.D (-1071) (-)

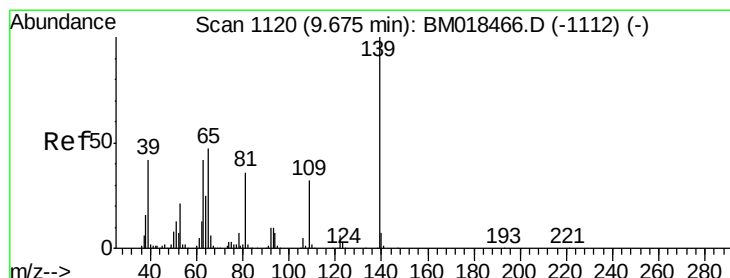
Ion 95.00 (94.70 to 95.70): BM018522.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018522.D (-1071) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 49.856 ng

RT: 9.67 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

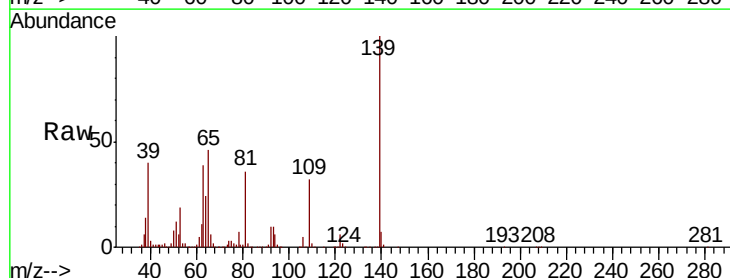
Tgt Ion: 139 Resp: 952050

Ion Ratio Lower Upper

139 100

109 31.9 23.4 35.2

65 45.9 39.4 59.2

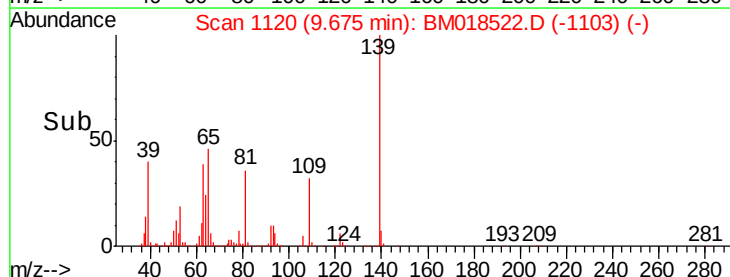


Abundance Ion 139.00 (138.70 to 139.70): BM018522.D (-1103) (-)

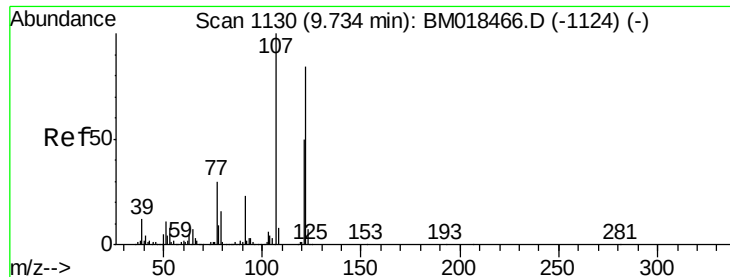
Ion 109.00 (108.70 to 109.70): BM018522.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM018522.D (-1103) (-)

Time-->



Time-->



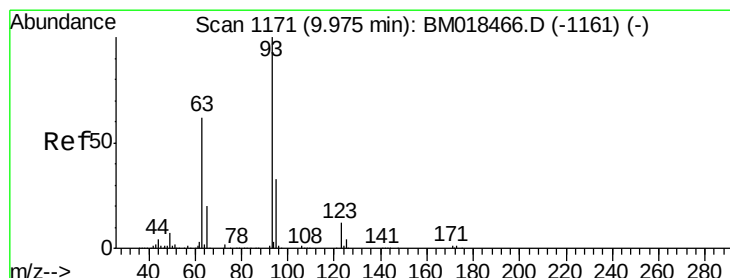
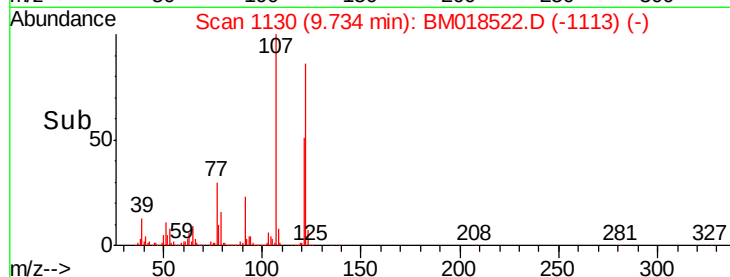
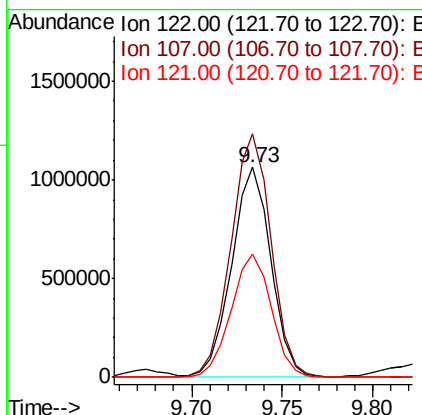
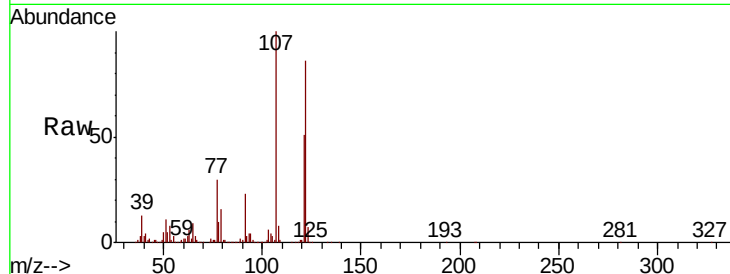
#27
 2,4-Dimethylphenol
 Concen: 55.470 ng
 RT: 9.73 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.9	137.9
121	58.9	47.5	71.3

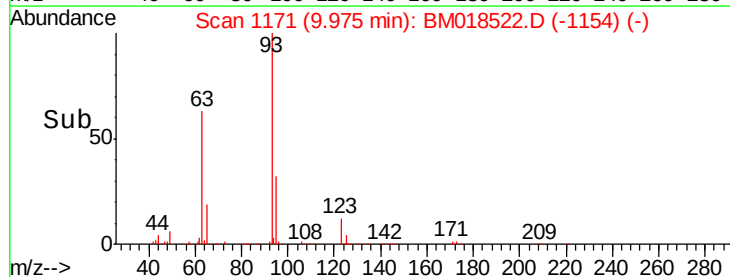
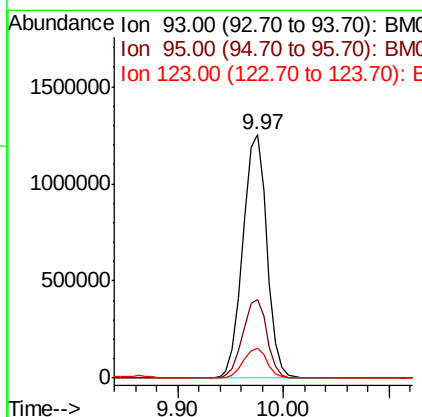
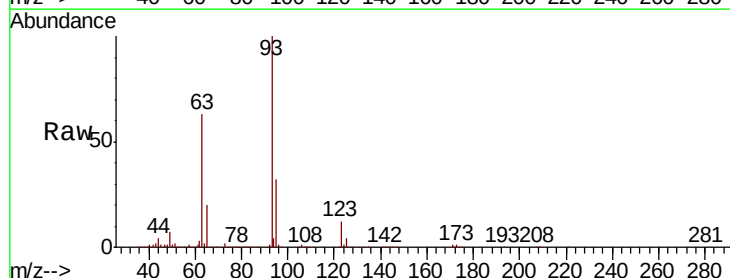
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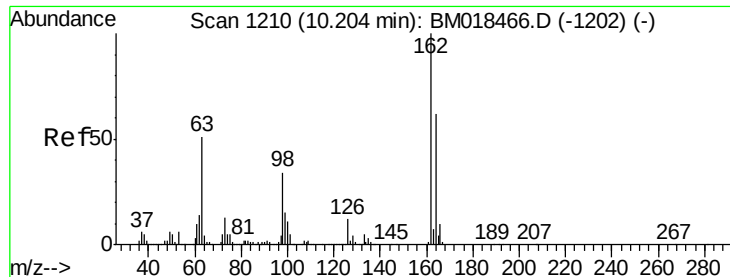
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.150 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	39.8
123	12.3	9.9	14.9





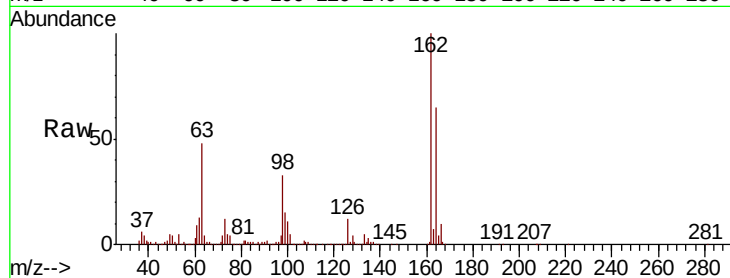
#29
2,4-Dichlorophenol
Concen: 51.641 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.6	85.6
98	32.7	14.7	54.7

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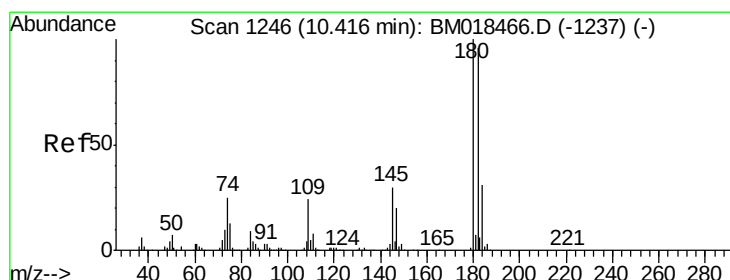
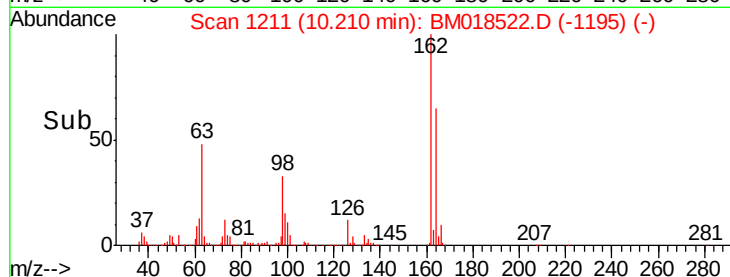
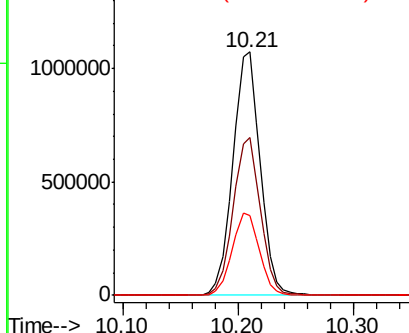


Abundance

Ion 162.00 (161.70 to 162.70): E

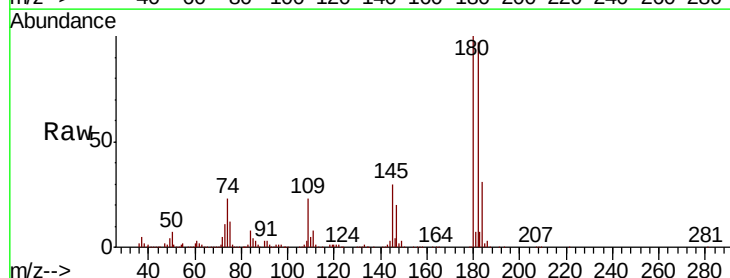
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 42.043 ng
RT: 10.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.4	116.2
145	30.4	24.6	37.0

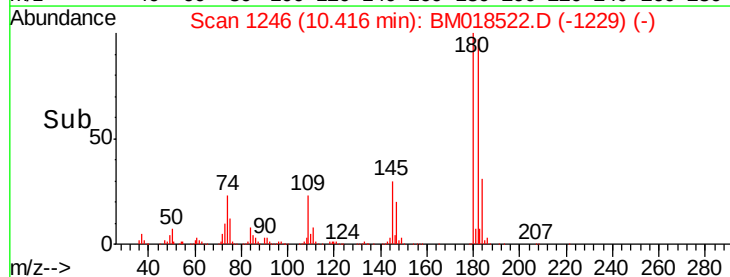
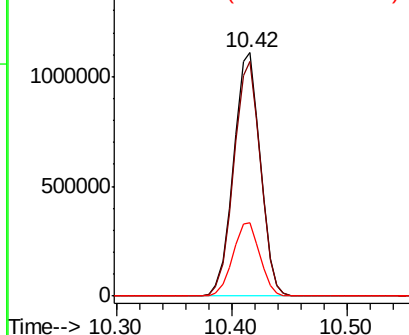


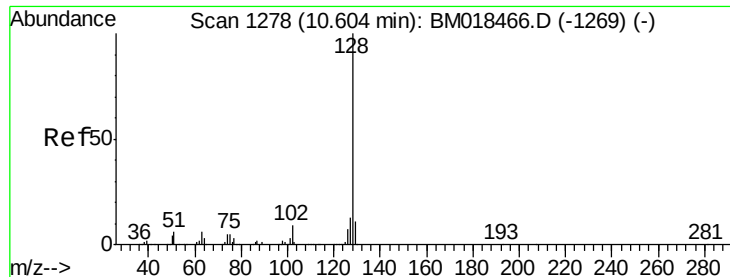
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





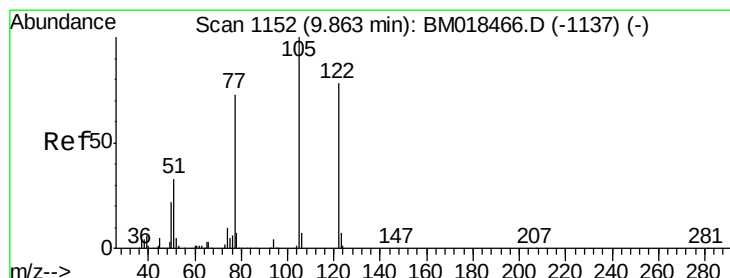
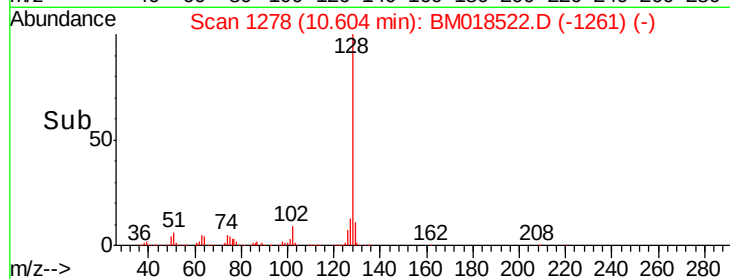
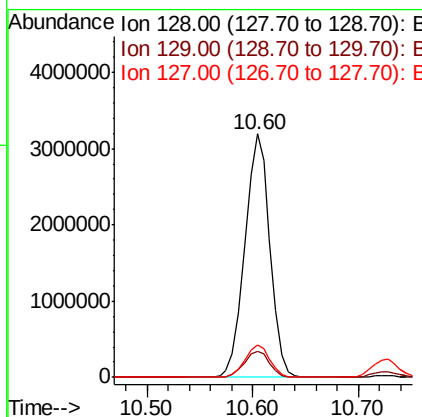
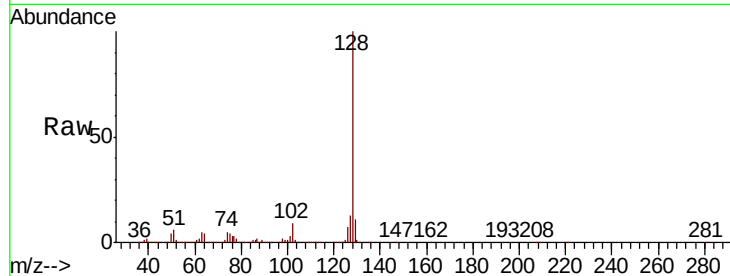
#31
Naphthalene
Concen: 46.525 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.4	10.8	16.2

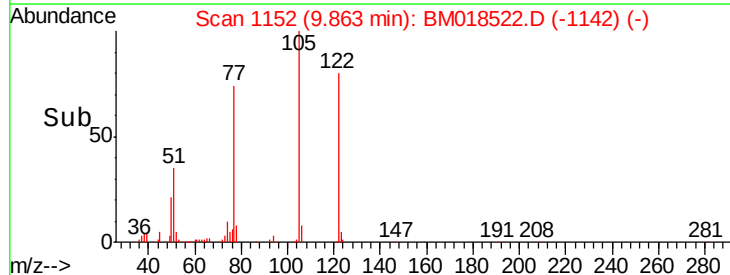
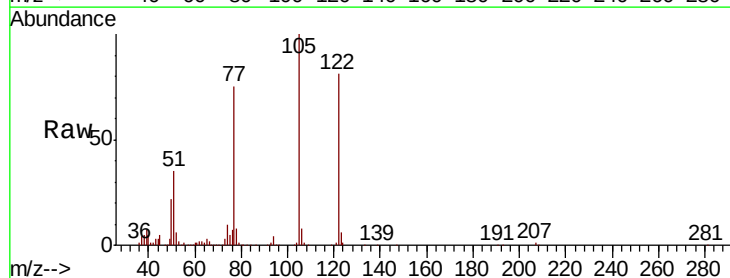
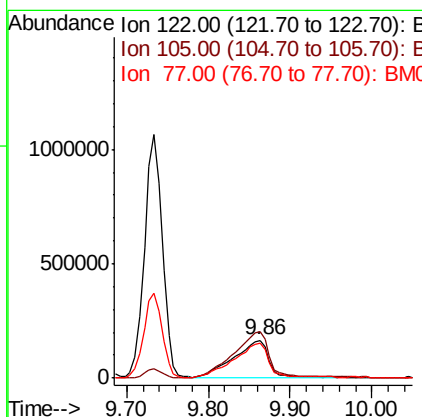
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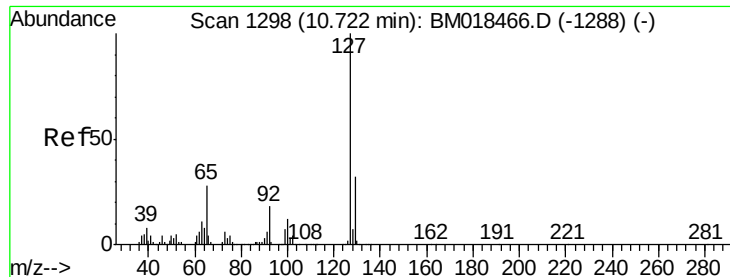
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#32
Benzoic acid
Concen: 29.266 ng m
RT: 9.86 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.4	140.4
77	91.9	71.7	111.7





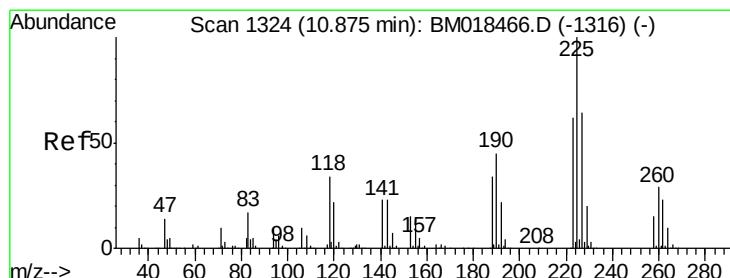
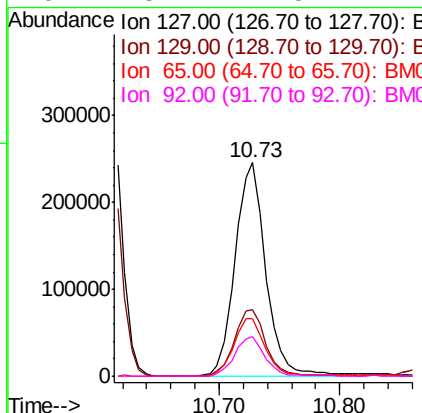
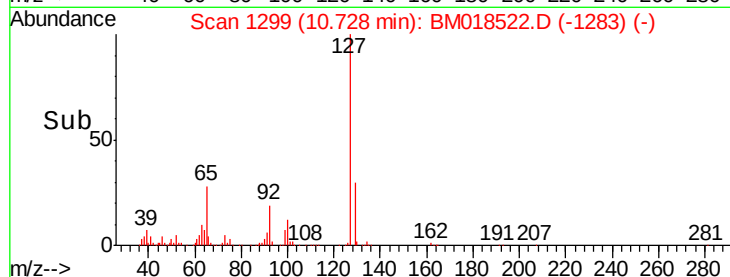
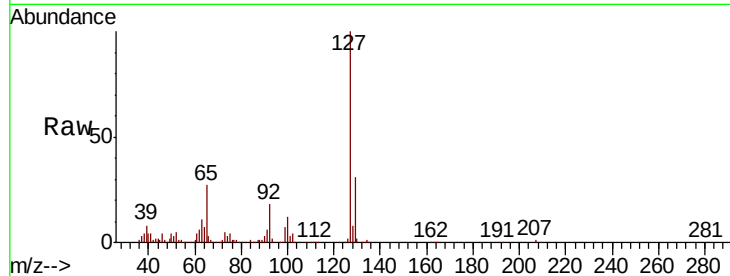
#33
4-Chloroaniline
Concen: 9.816 ng
RT: 10.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	27.1	23.4	35.2
92	18.4	14.5	21.7

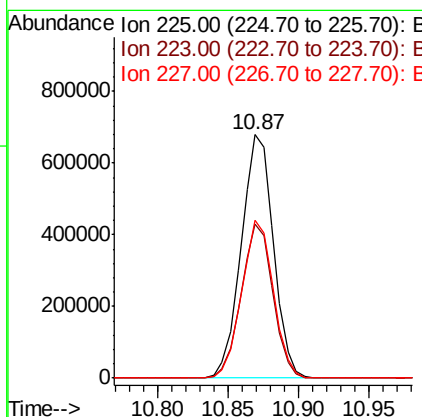
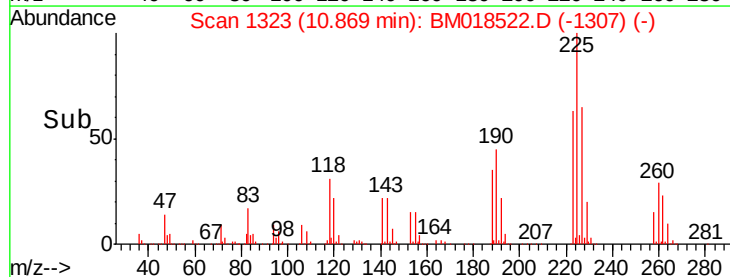
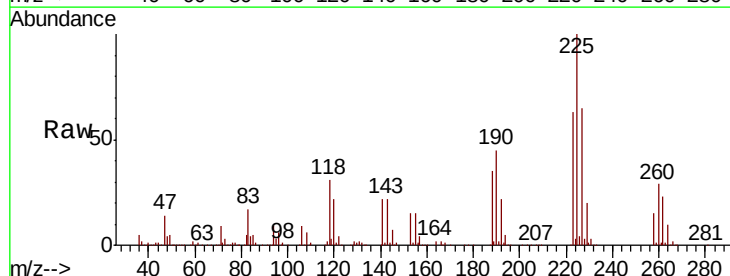
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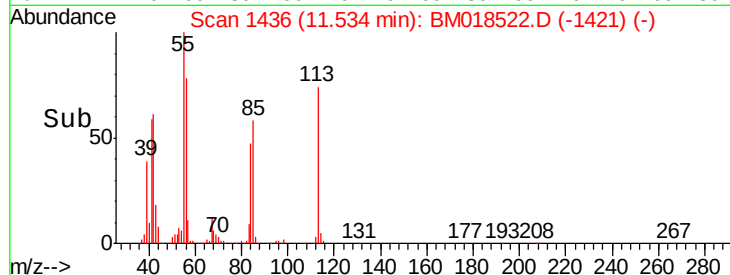
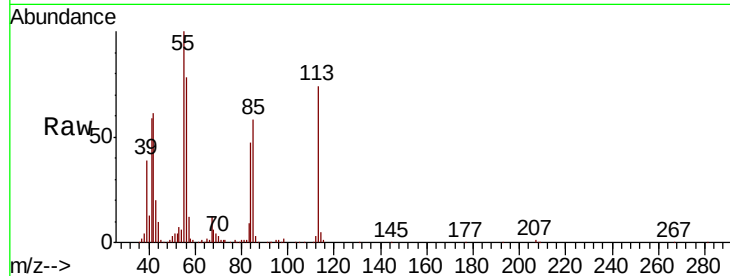
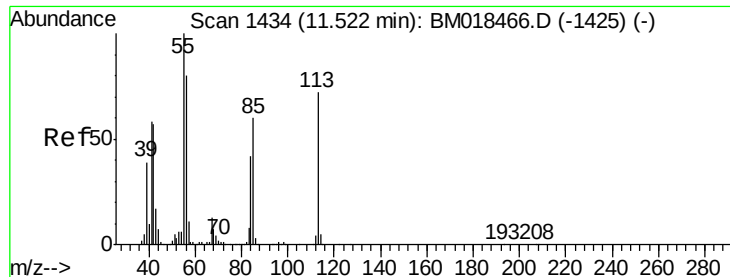
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#34
Hexachlorobutadiene
Concen: 40.468 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.8	76.2
227	64.6	50.4	75.6





#35

Caprolactam

Concen: 44.738 ng/ml

RT: 11.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tot Ion:113 Resp: 518417

Ion Ratio Lower Upper

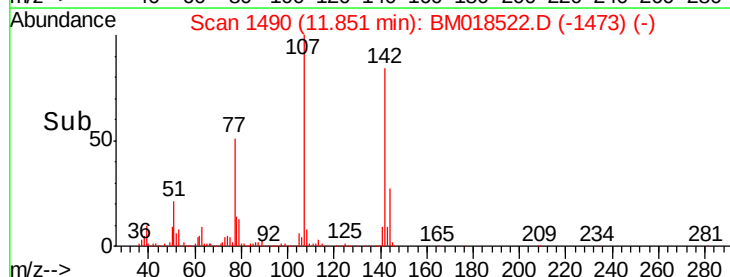
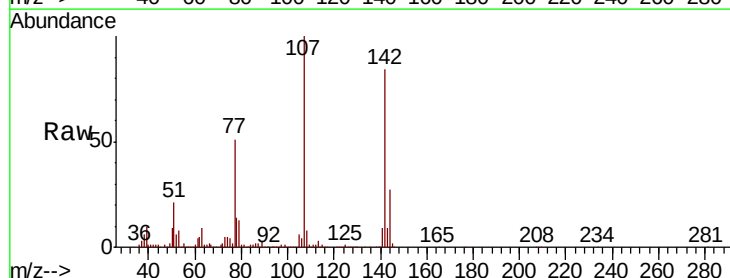
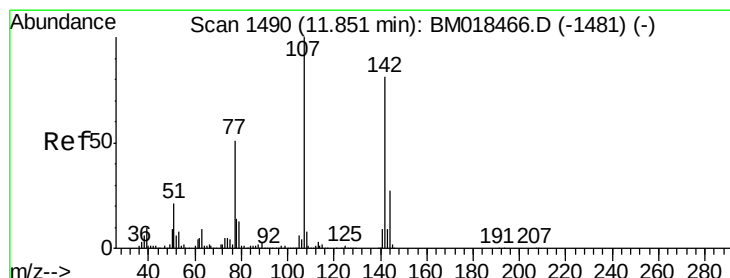
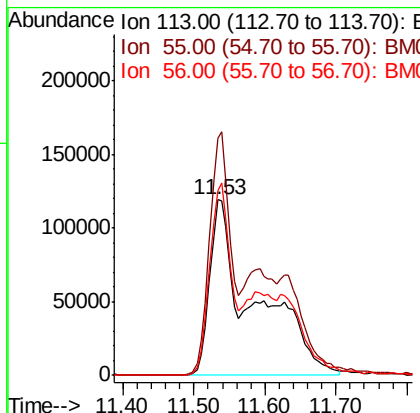
113 100

55 135.4 139.3 179.3#

56 105.3 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 51.191 ng/ml

RT: 11.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

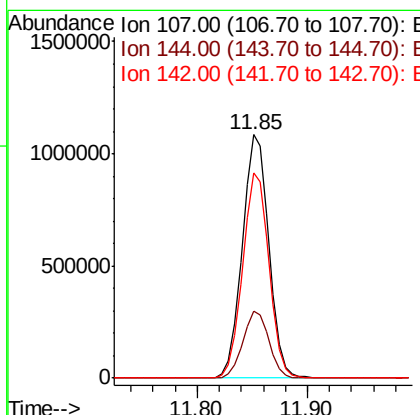
Tgt Ion:107 Resp: 1830446

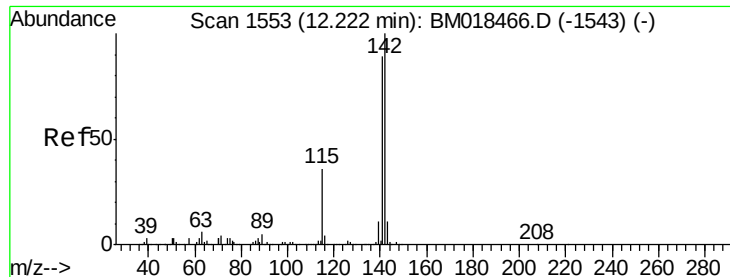
Ion Ratio Lower Upper

107 100

144 27.3 21.9 32.9

142 84.2 67.9 101.9





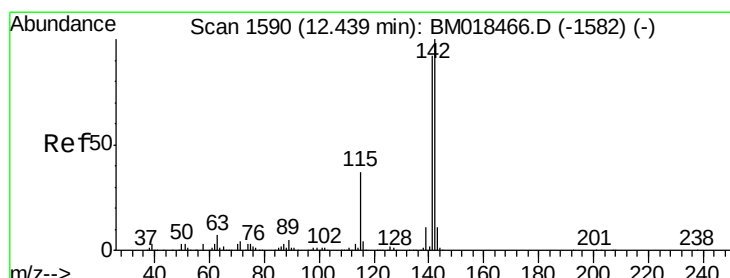
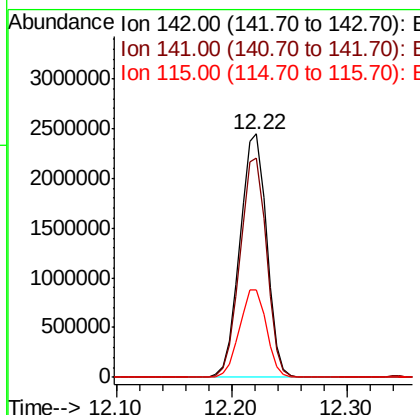
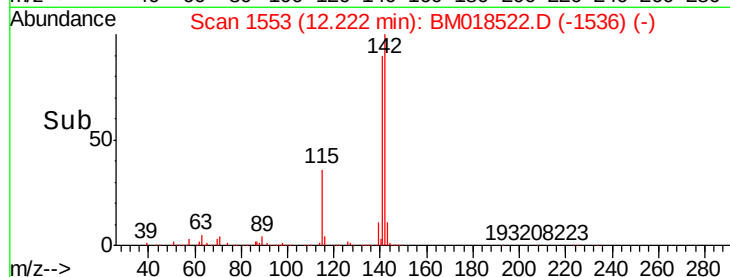
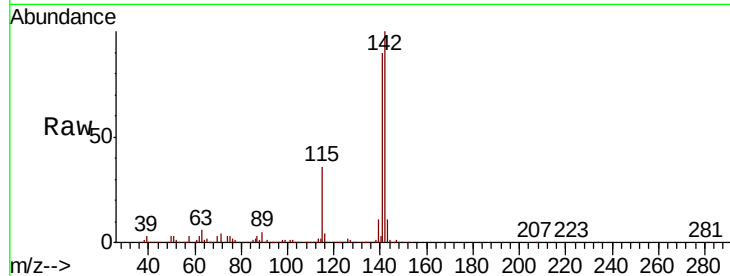
#37
2-Methylnaphthalene
Concen: 49.594 ng
RT: 12.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion:142 Resp: 3926553
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 36.1 28.0 42.0

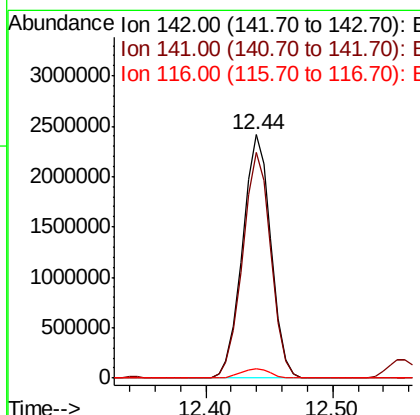
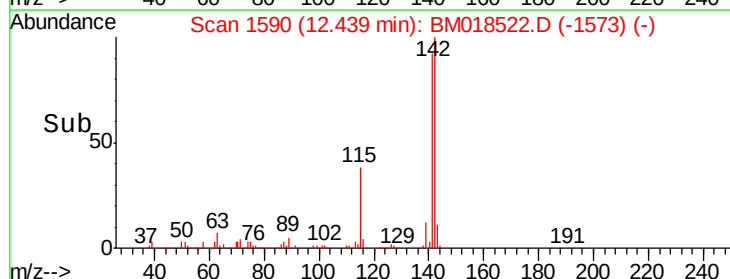
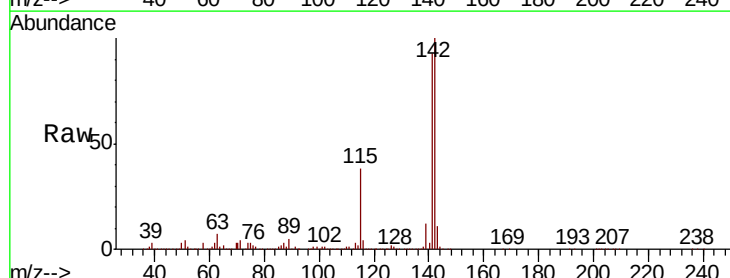
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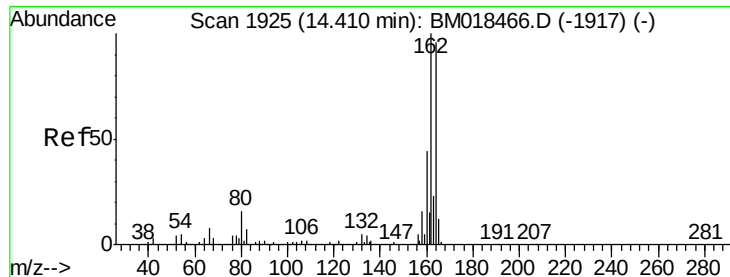
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#38
1-Methylnaphthalene
Concen: 48.851 ng
RT: 12.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:142 Resp: 3742301
Ion Ratio Lower Upper
142 100
141 92.6 75.6 113.4
116 3.9 3.0 4.6





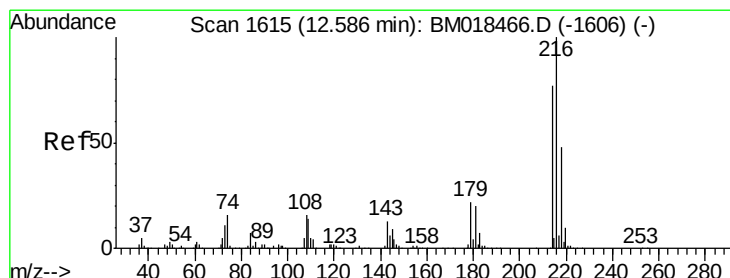
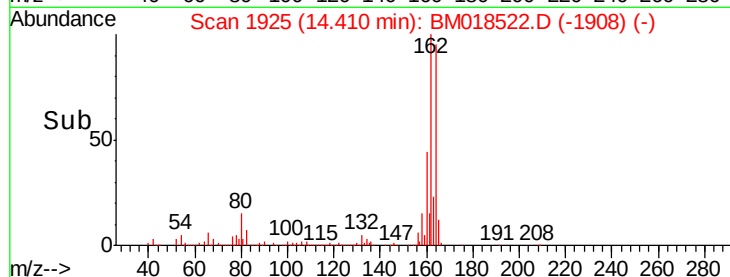
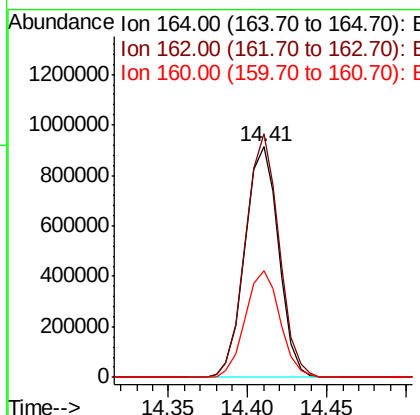
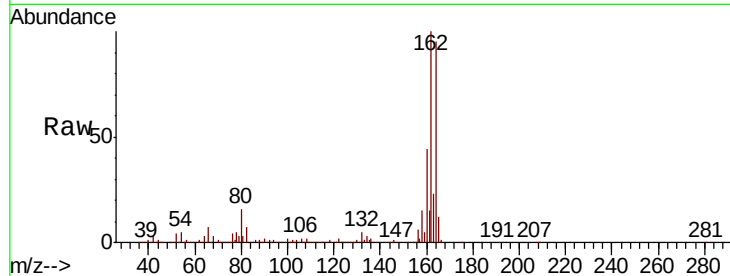
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion:164 Resp: 1350323
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.4
160 46.4 37.1 55.7

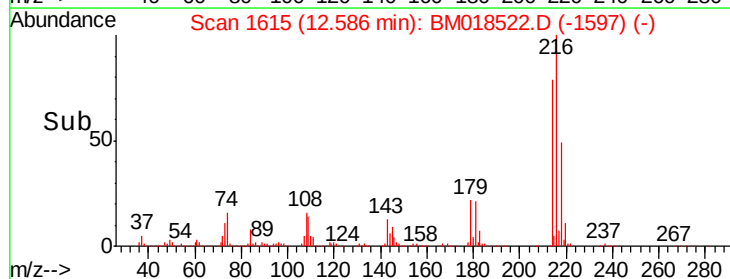
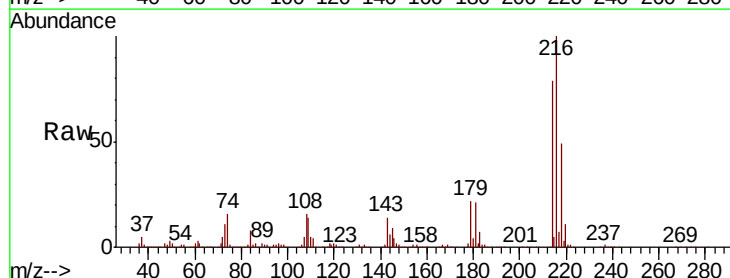
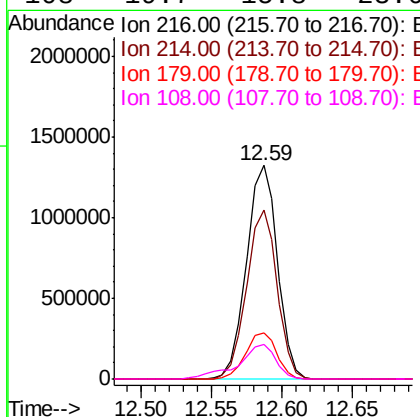
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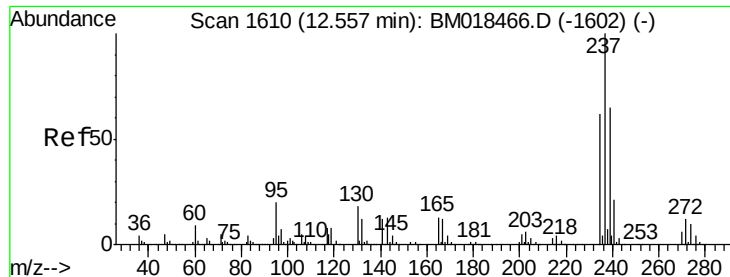
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.151 ng
RT: 12.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:216 Resp: 2037589
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.0
179 21.8 17.9 26.9
108 19.7 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 90.419 ng

RT: 12.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tot Ion:237 Resp: 2343288

Ion Ratio Lower Upper

237 100

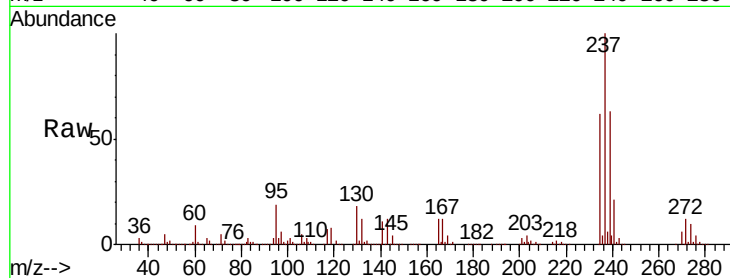
235 62.3 42.8 82.8

272 12.3 0.0 31.9

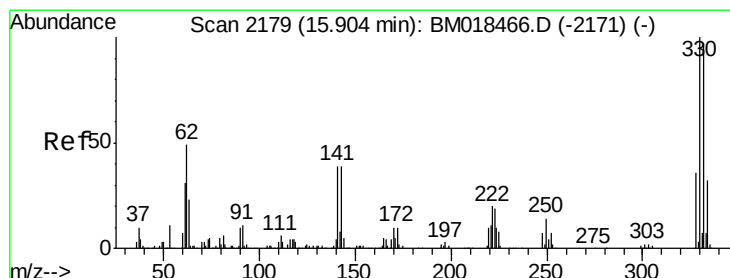
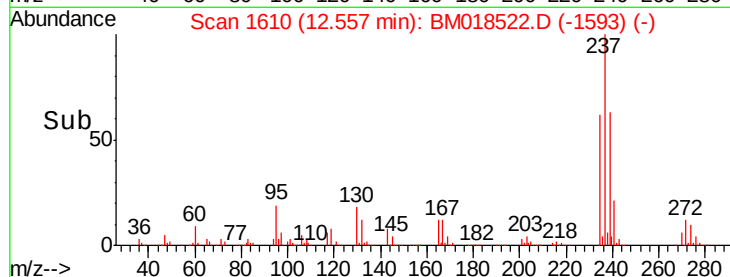
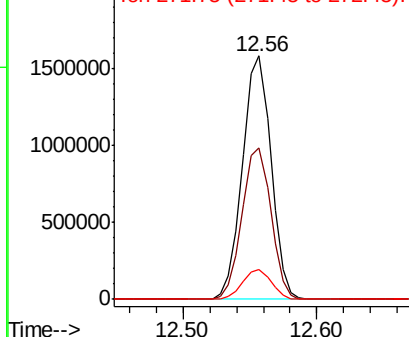
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 153.353 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

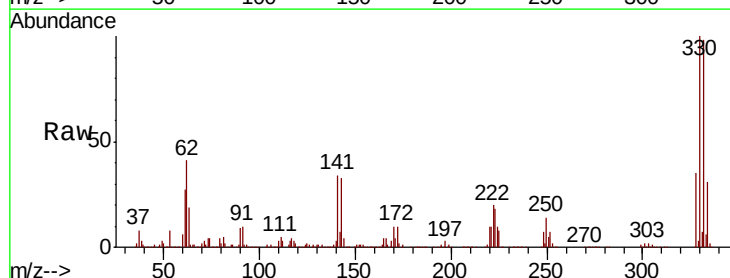
Tgt Ion:330 Resp: 2636654

Ion Ratio Lower Upper

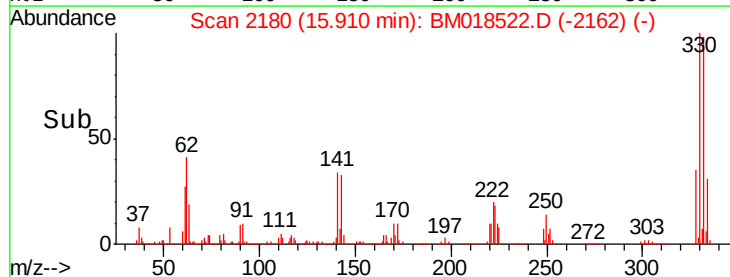
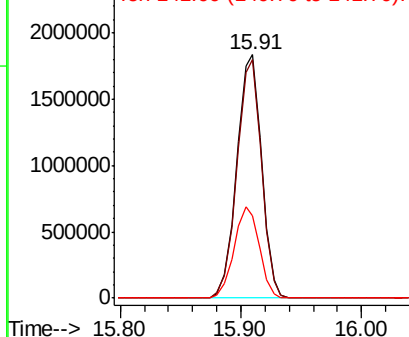
330 100

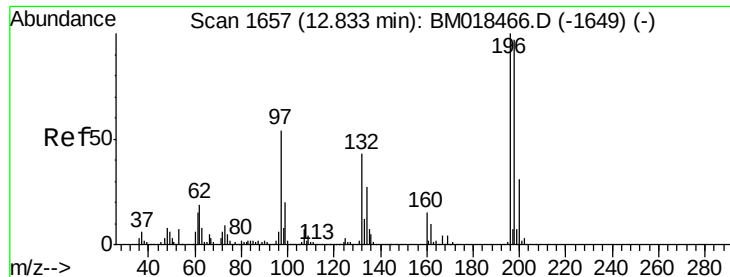
332 96.8 77.6 116.4

141 38.0 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: 50.493 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

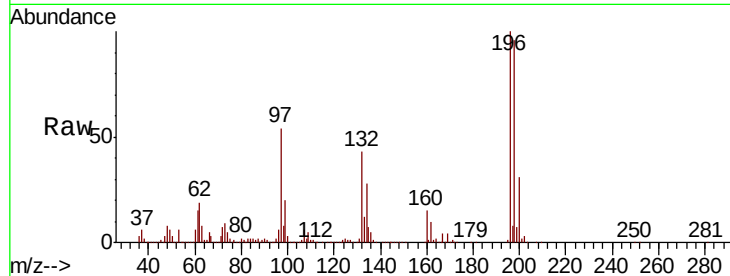
Instrument :
 BNA_M
 ClientSampled :
 TP-16MS

Tot Ion:196 Resp: 1447873

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	115.0
200	30.6	24.2	36.4

Manual Integrations
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Sohil
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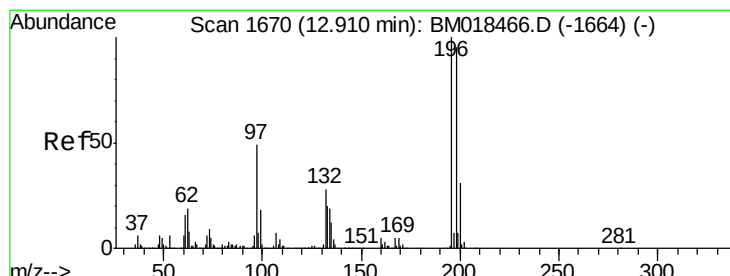
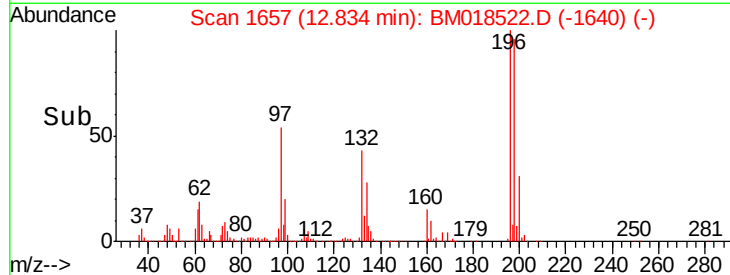
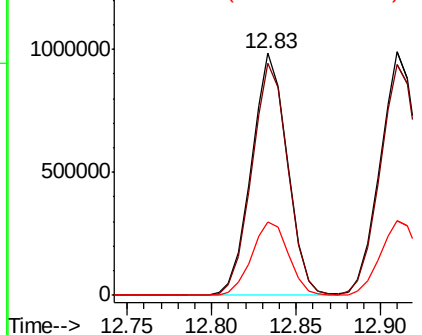


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.340 ng
 RT: 12.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:196 Resp: 1548307

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.7	115.1
97	46.9	39.2	58.8
132	27.0	22.3	33.5

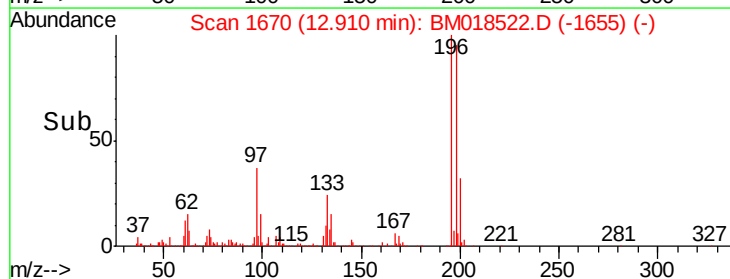
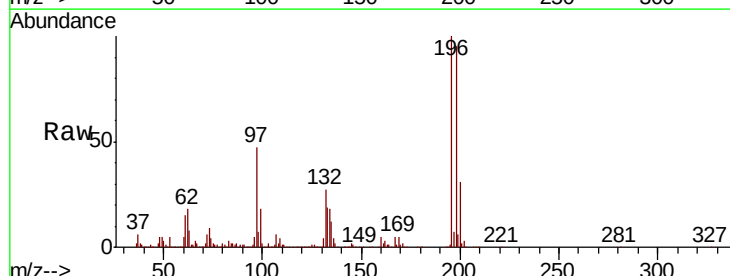
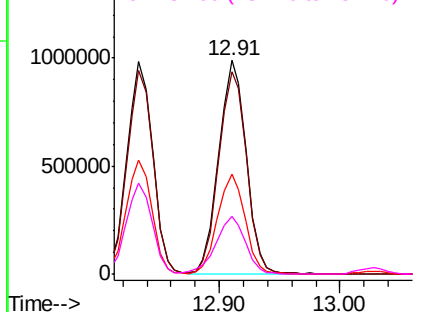
Abundance

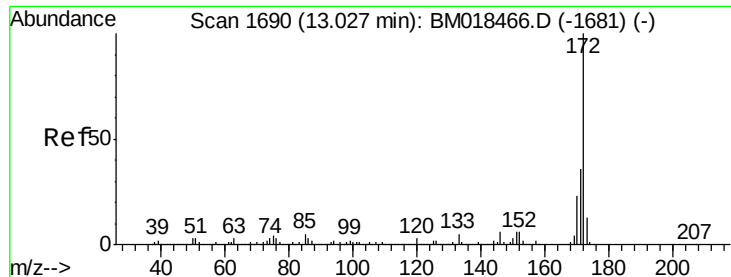
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





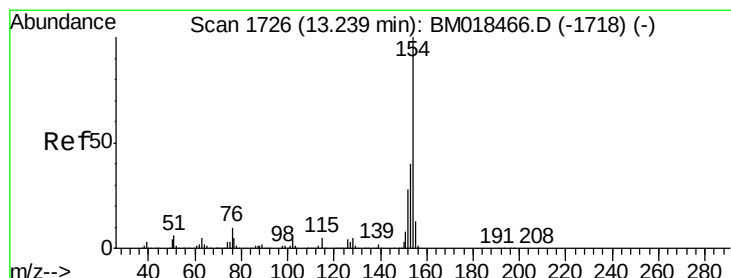
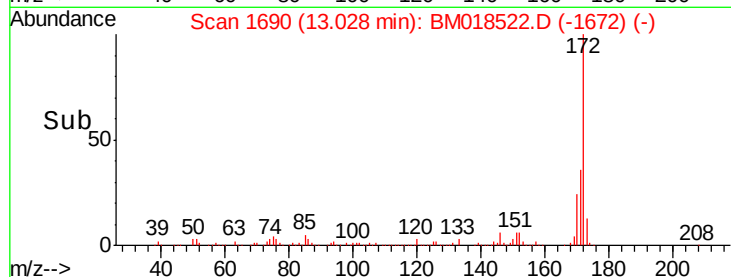
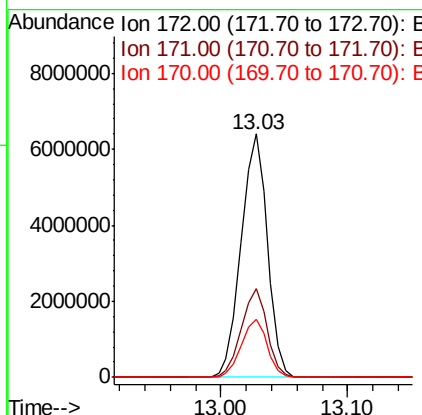
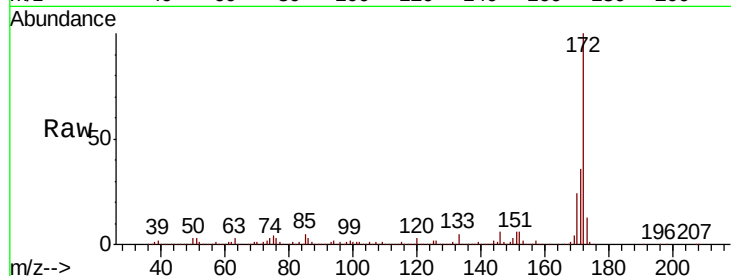
#45
2-Fluorobiphenyl
Concen: 88.590 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.4
170	23.8	18.9	28.3

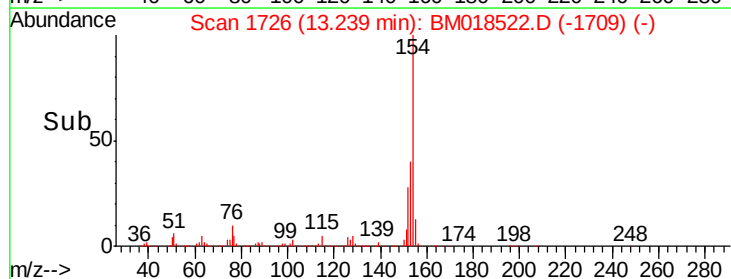
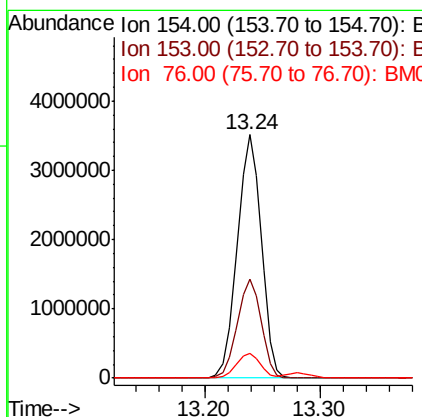
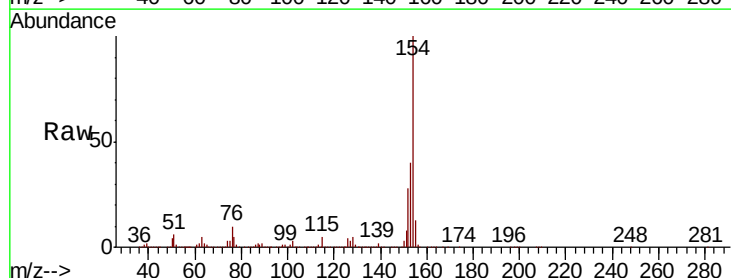
Manual Integrations
APPROVED

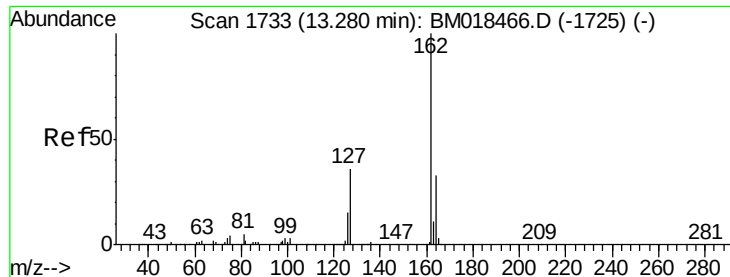
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#46
1,1'-Biphenyl
Concen: 42.744 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	10.3	0.0	31.9





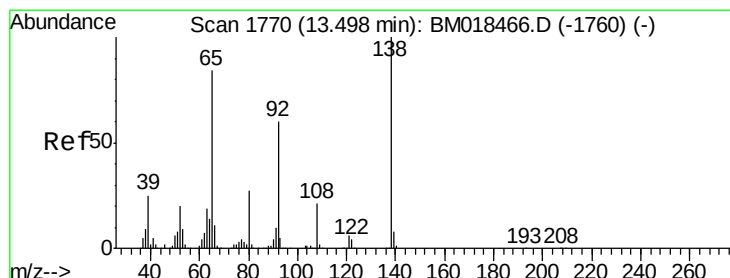
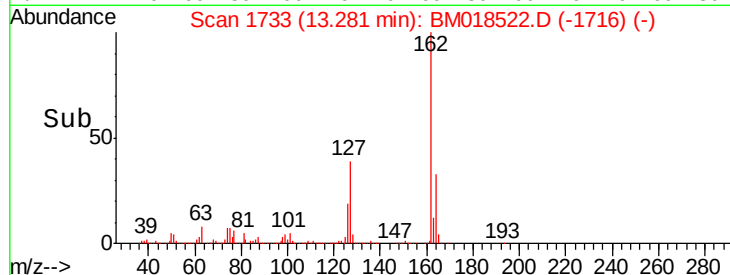
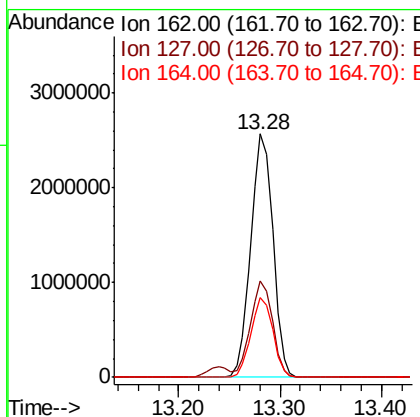
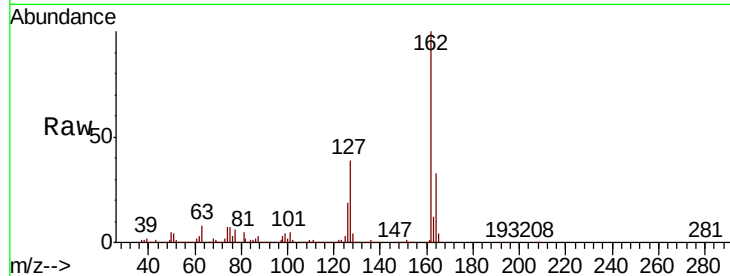
#47
2-Chloronaphthalene
Concen: 42.903 ng
RT: 13.28 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.4	47.0
164	32.7	26.2	39.4

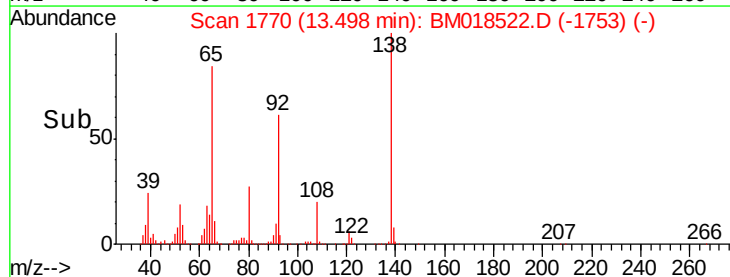
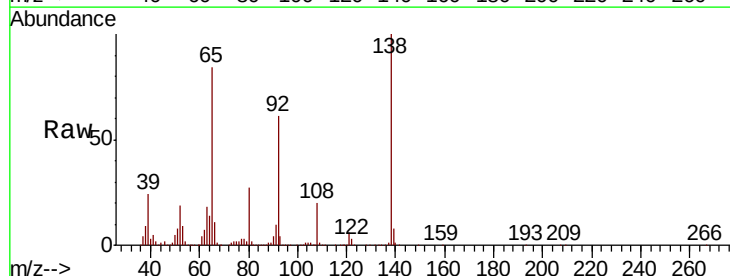
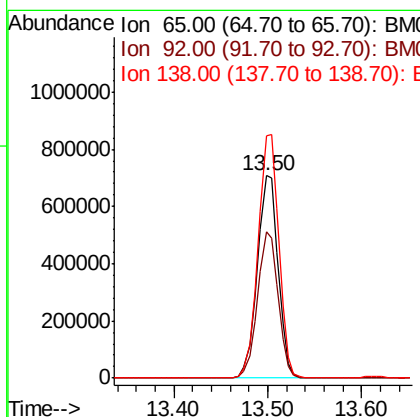
Manual Integrations
APPROVED

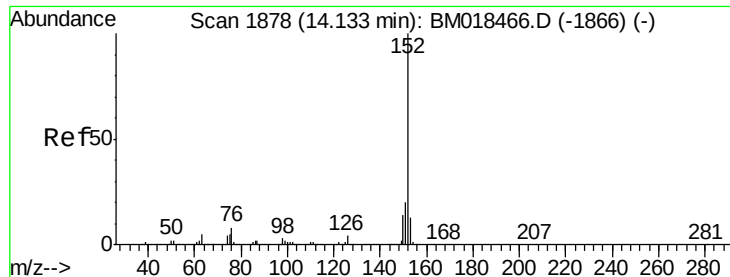
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#48
2-Nitroaniline
Concen: 48.337 ng
RT: 13.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	53.4	80.2
138	119.6	88.9	133.3





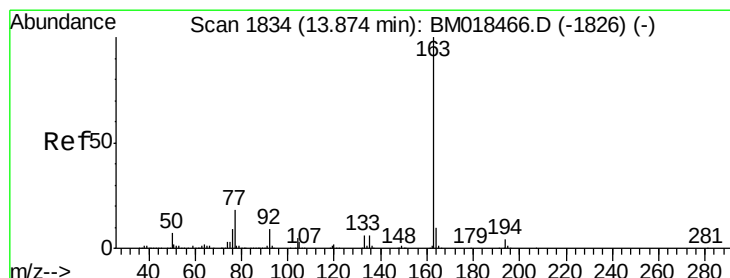
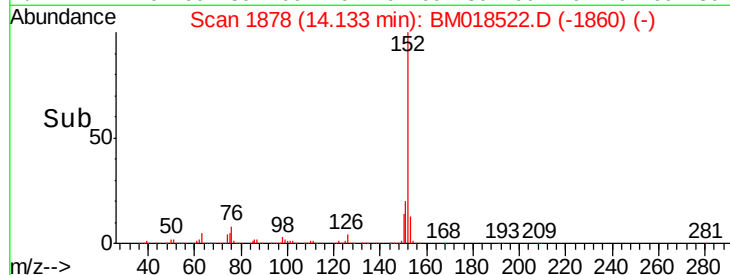
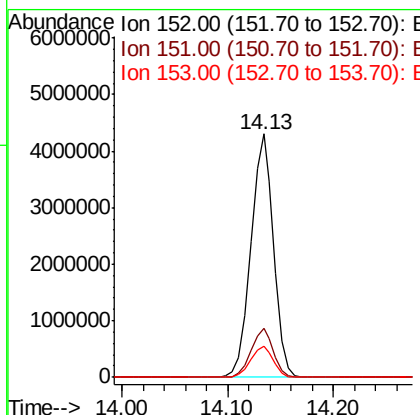
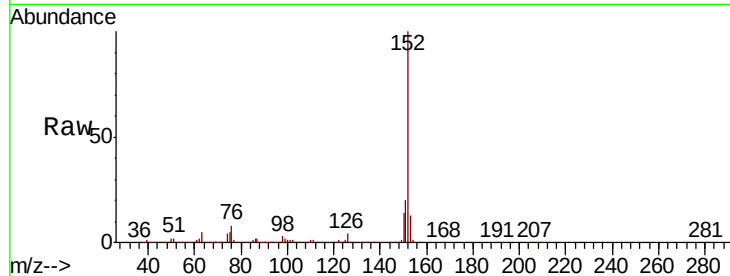
#49
Acenaphthylene
Concen: 48.027 ng
RT: 14.13 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	12.9	10.5	15.7

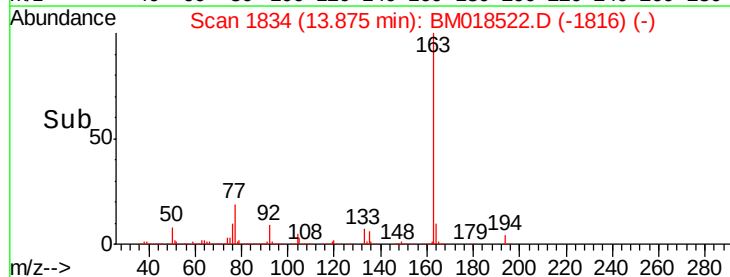
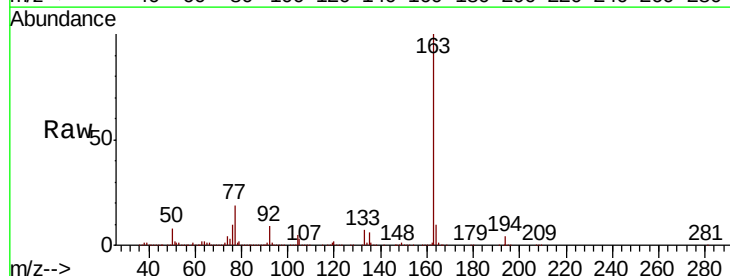
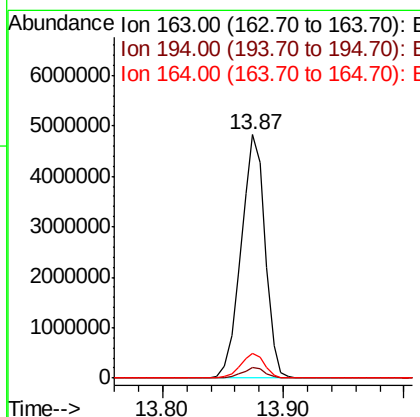
Manual Integrations
APPROVED

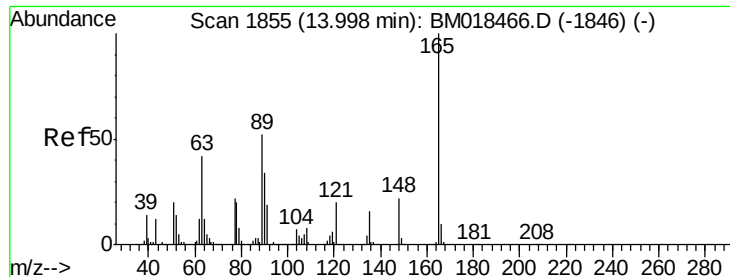
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#50
Dimethylphthalate
Concen: 60.269 ng
RT: 13.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.2	7.8	11.8





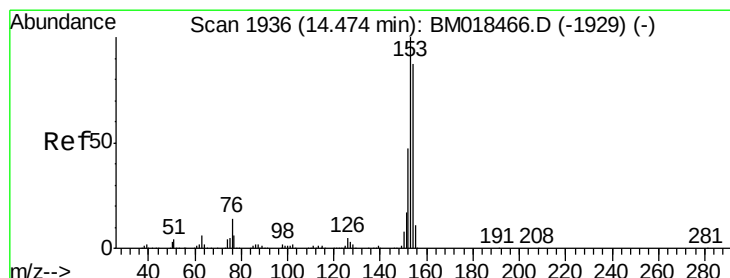
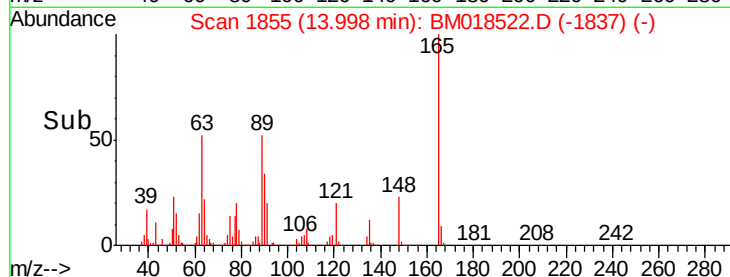
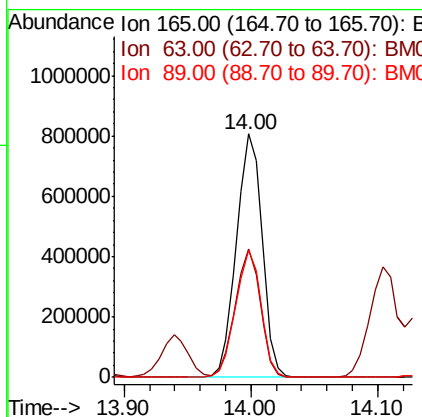
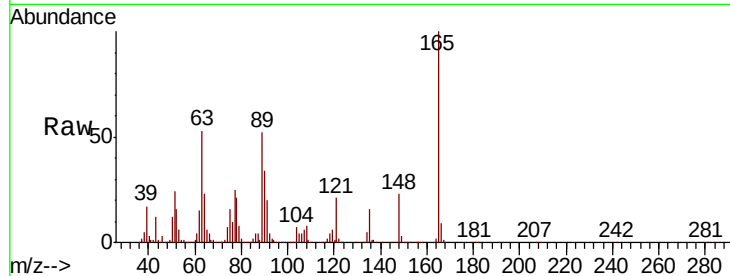
#51
2,6-Dinitrotoluene
Concen: 48.124 ng
RT: 14.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	45.6	68.4
89	52.1	44.6	66.8

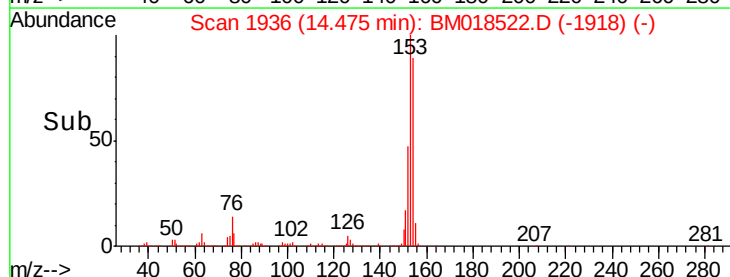
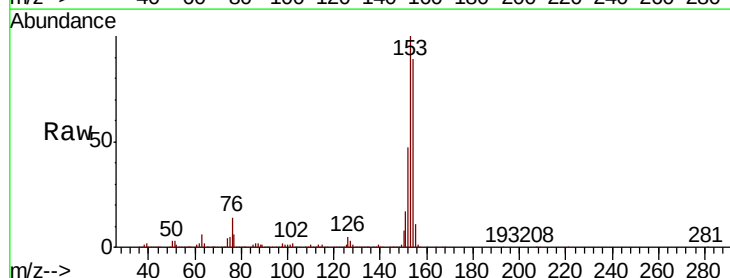
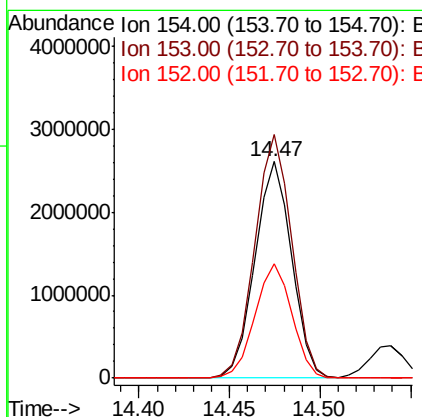
Manual Integrations
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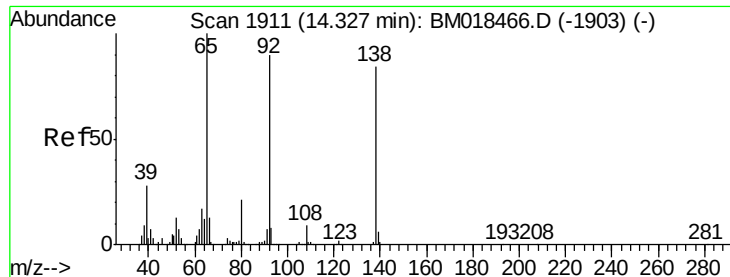
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#52
Acenaphthene
Concen: 44.892 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	92.3	138.5
152	52.7	43.8	65.6





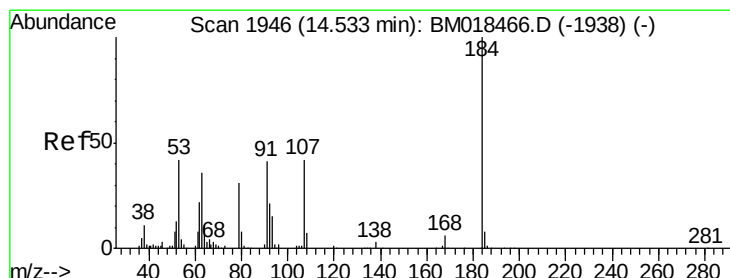
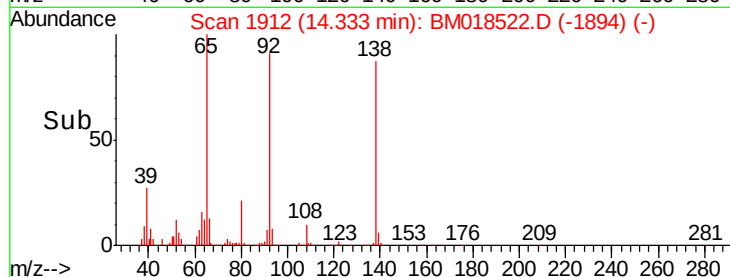
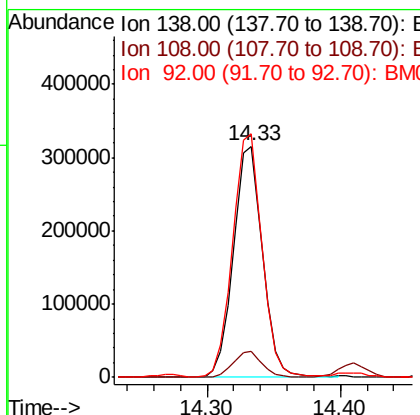
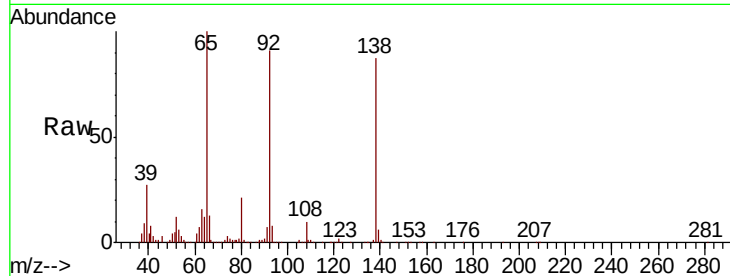
#53
3-Nitroaniline
Concen: 20.284 ng
RT: 14.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	105.2	88.2	132.2

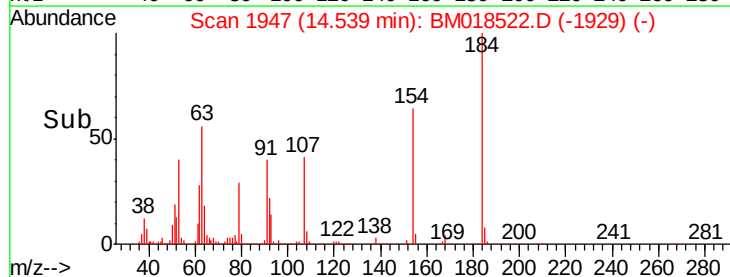
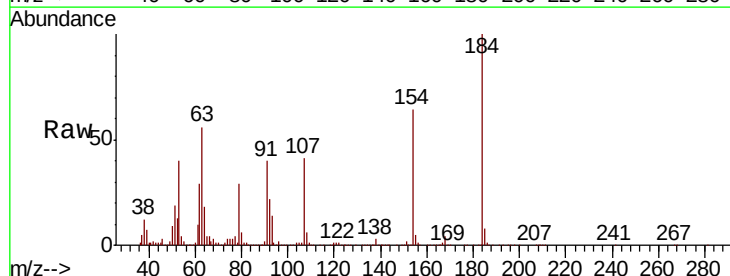
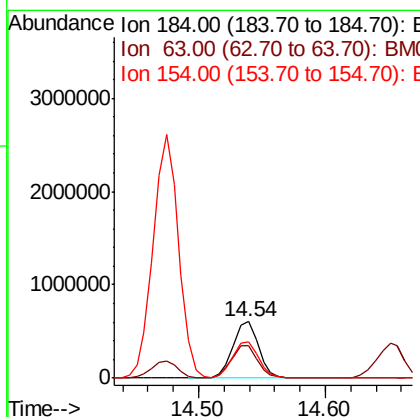
Manual Integrations
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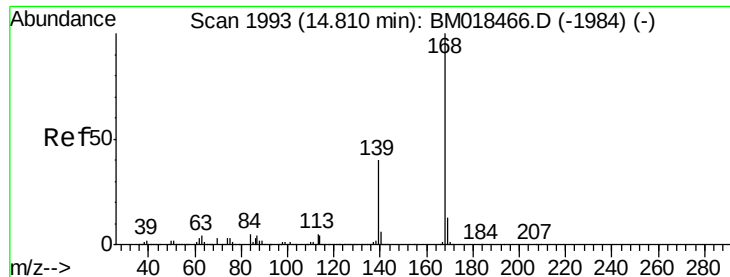
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#54
2,4-Dinitrophenol
Concen: 68.305 ng
RT: 14.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.3	55.9	83.9
154	64.4	54.2	81.4





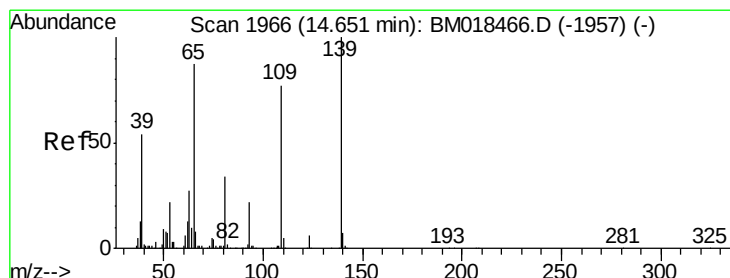
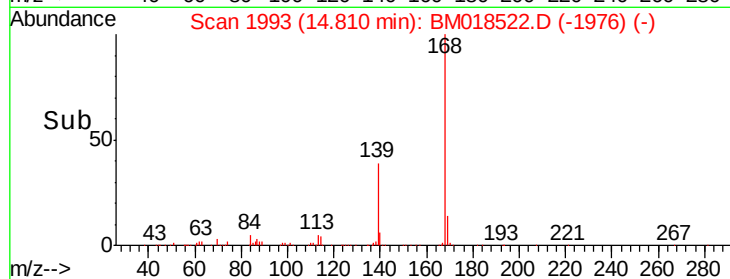
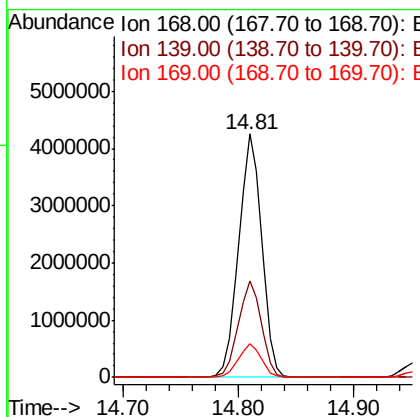
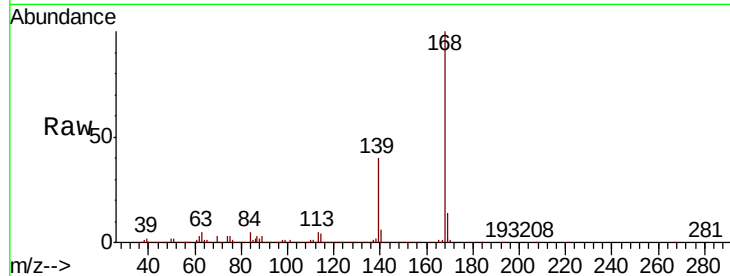
#55
Dibenzofuran
Concen: 43.610 ng
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.3	45.5
169	13.6	10.6	16.0

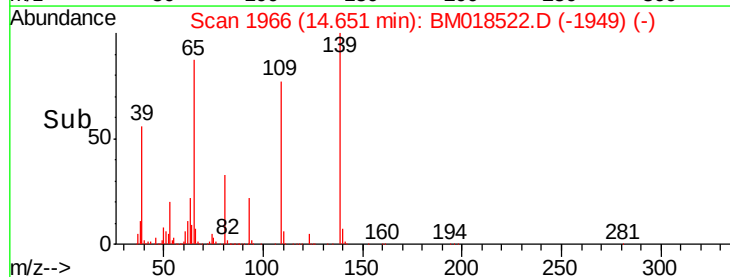
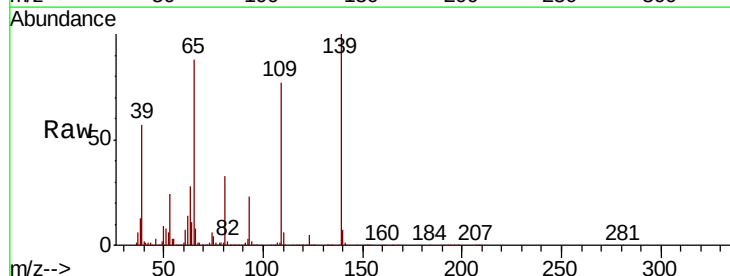
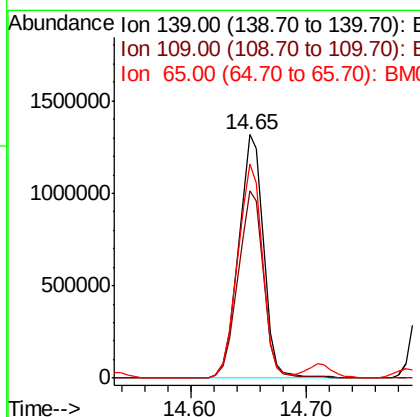
Manual Integrations
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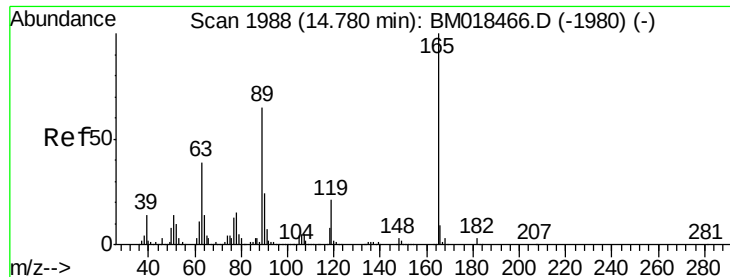
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#56
4-Nitrophenol
Concen: 96.424 ng
RT: 14.65 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	51.7	91.7
65	87.7	71.4	111.4





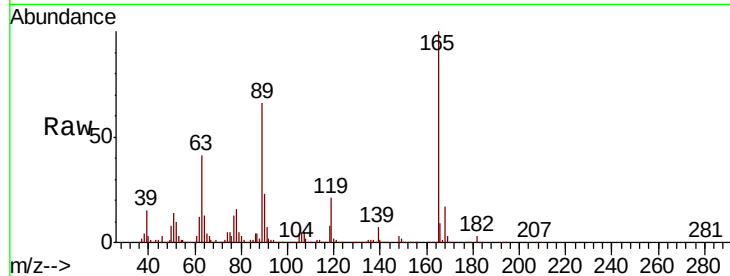
#57
2,4-Dinitrotoluene
Concen: 47.156 ng
RT: 14.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	32.2	48.2
89	66.4	52.1	78.1
182	2.8	2.5	3.7

Manual Integrations
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1/11/2019 4:41:11 PM



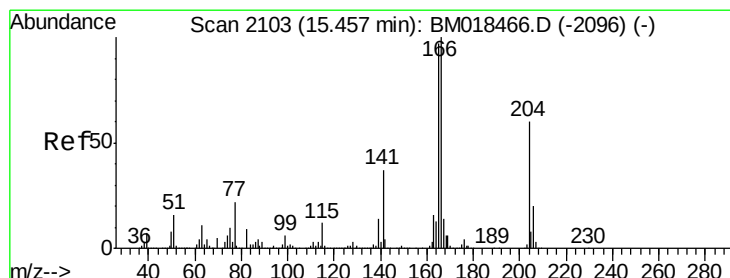
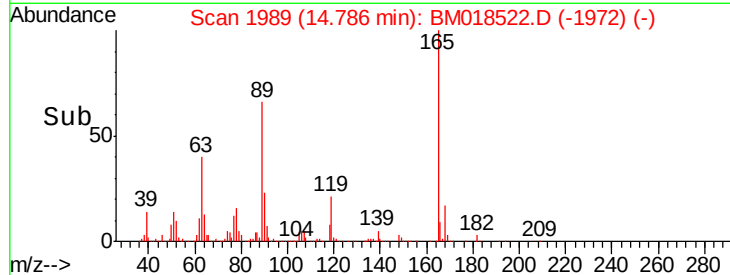
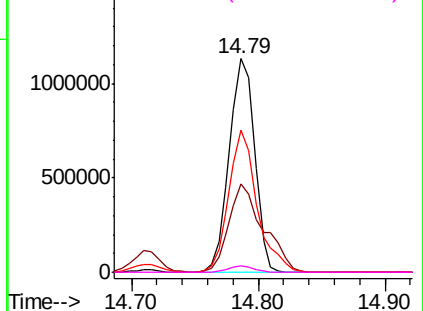
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

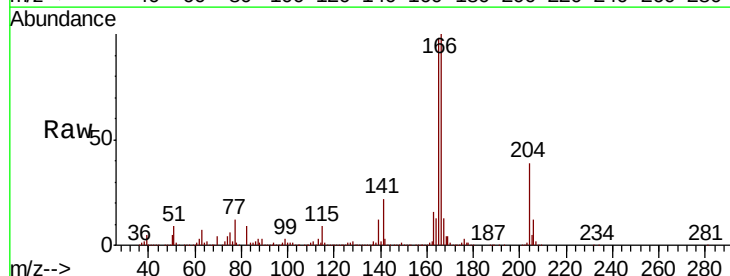
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.652 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.3	117.5
167	13.4	10.9	16.3

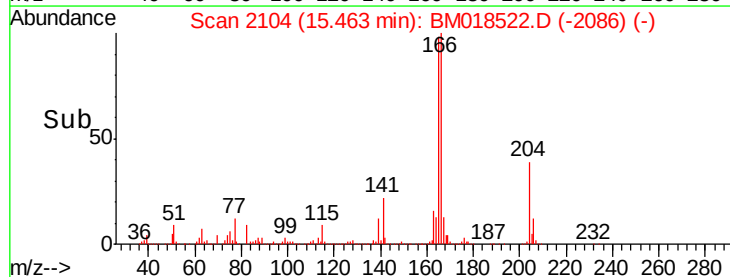
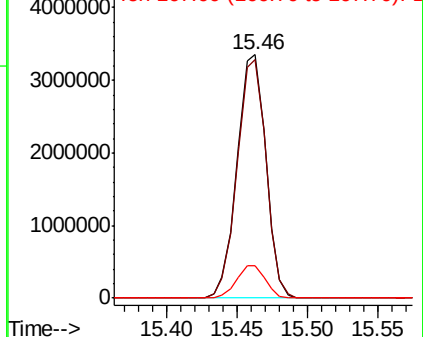


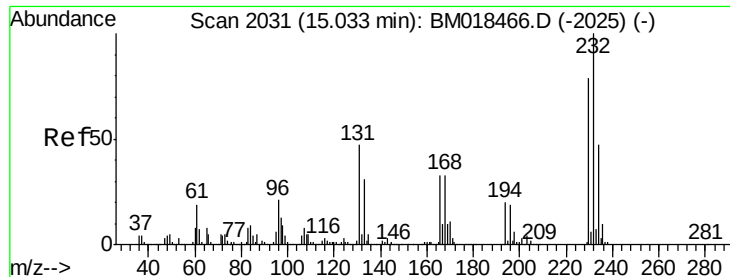
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





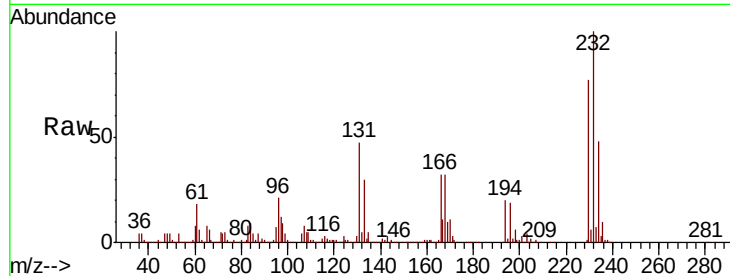
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.297 ng
 RT: 15.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampled :
 TP-16MS

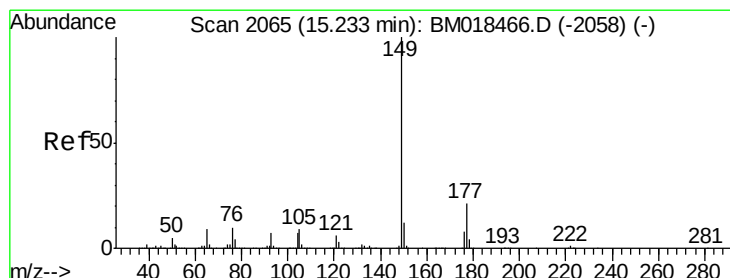
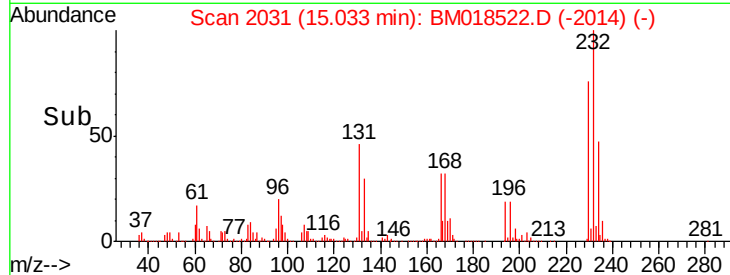
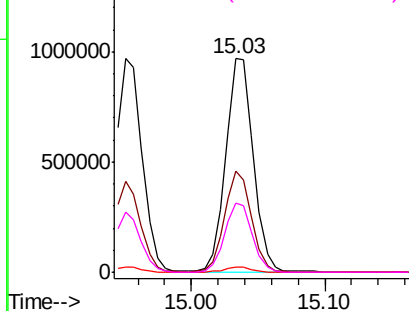
Tot Ion:	232	Resp:	1397953
Ion	Ratio	Lower	Upper
232	100		
131	46.3	38.6	57.8
130	2.6	2.2	3.4
166	32.3	27.2	40.8

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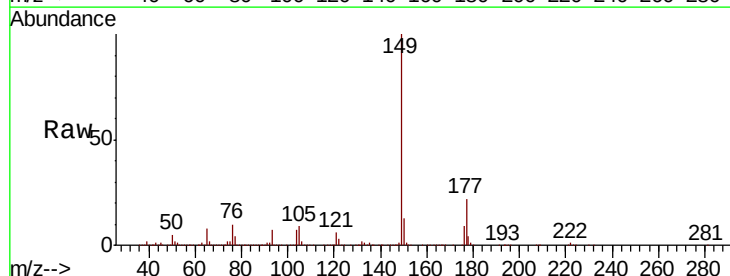


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

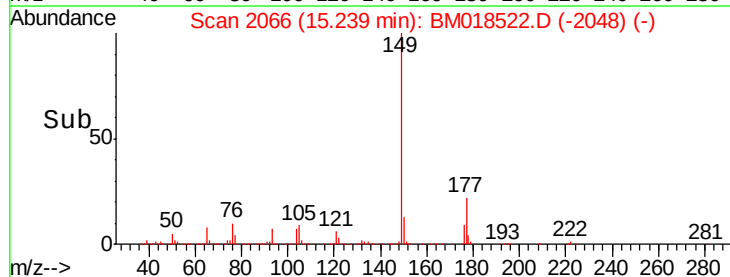
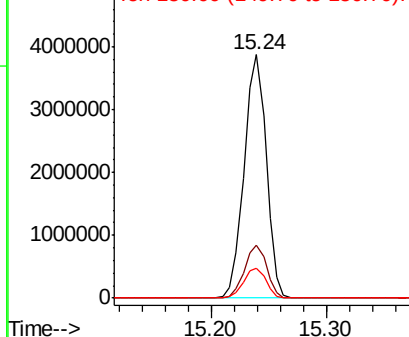


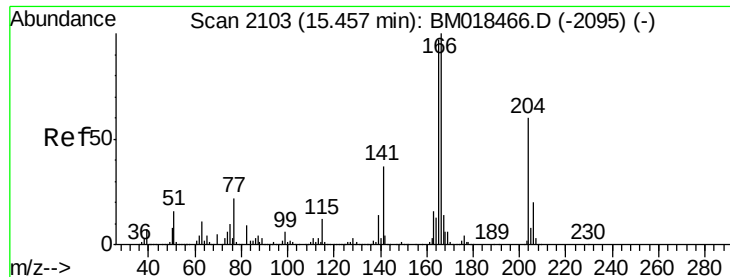
#60
 Diethylphthalate
 Concen: 46.096 ng
 RT: 15.24 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:	149	Resp:	5160660
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.5	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





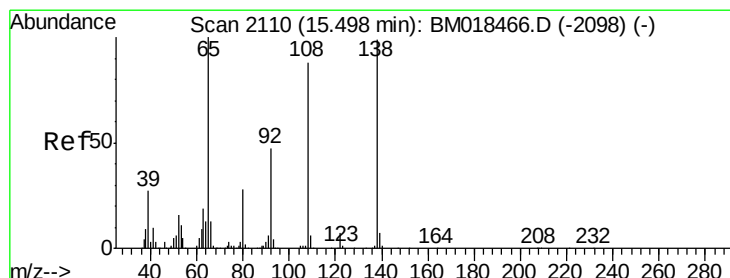
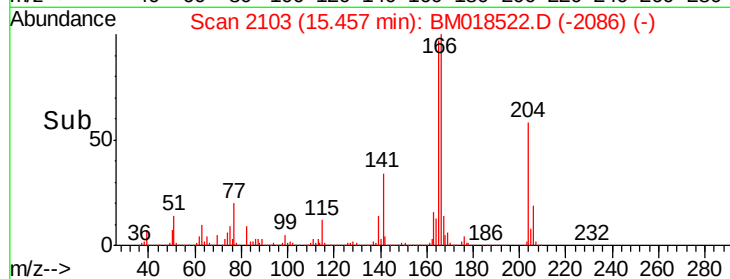
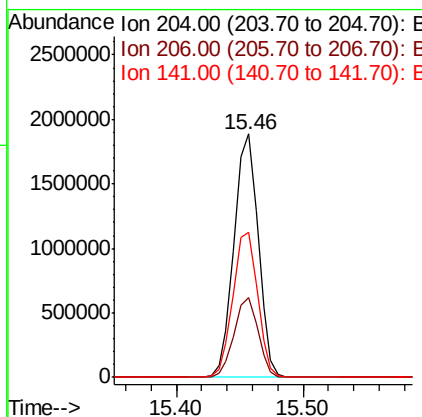
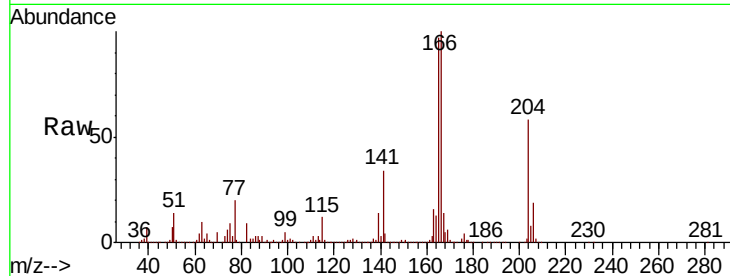
#61
4-Chlorophenyl-phenylether
Concen: 42.988 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion:204 Resp: 2486141
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 59.5 49.5 74.3

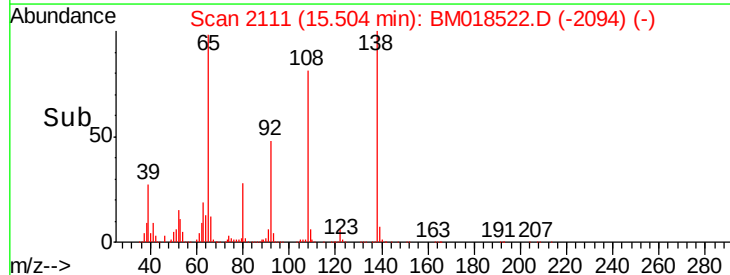
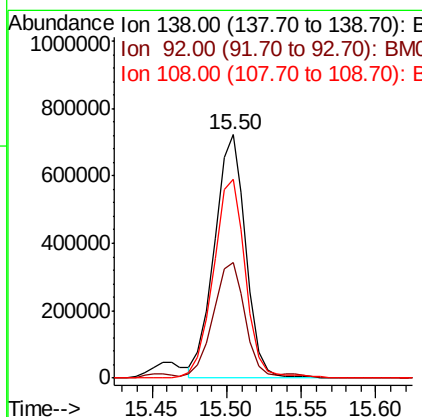
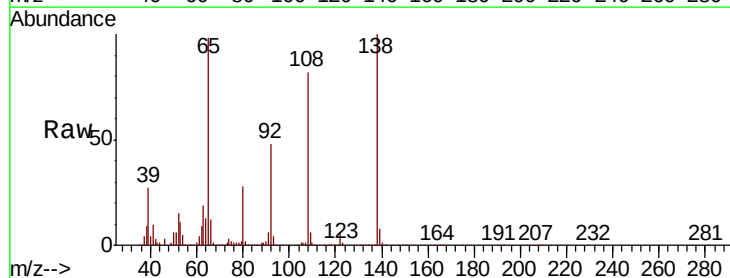
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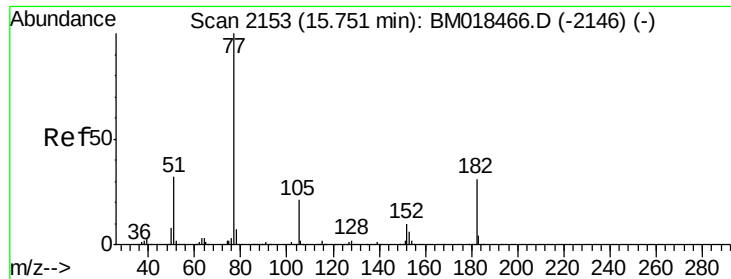
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#62
4-Nitroaniline
Concen: 40.829 ng
RT: 15.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion:138 Resp: 1054676
Ion Ratio Lower Upper
138 100
92 47.7 29.0 69.0
108 81.5 63.9 103.9





#63

Azobenzene

Concen: 44.756 ng

RT: 15.75 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tot Ion: 77 Resp: 4085204

Ion Ratio Lower Upper

77 100

182 30.9 7.4 47.4

105 21.4 0.0 39.6

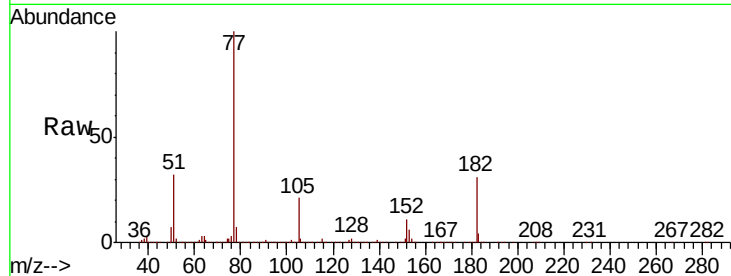
51 31.6 12.0 52.0

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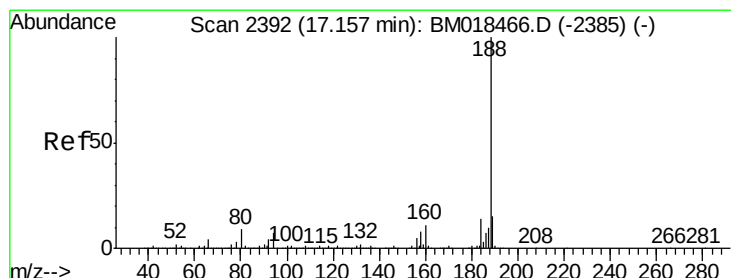
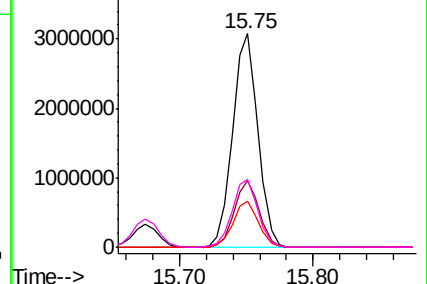
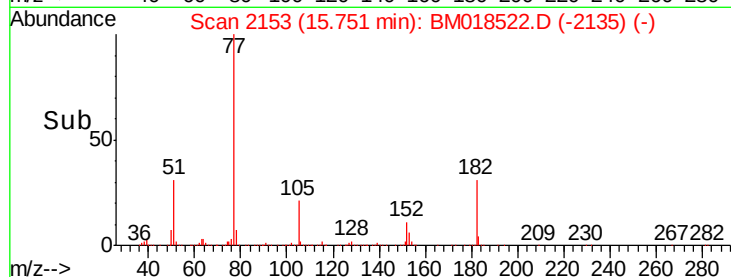


Abundance Ion 77.00 (76.70 to 77.70): BM018522.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BM018522.D (-2135) (-)

Ion 105.00 (104.70 to 105.70): BM018522.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BM018522.D (-2135) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

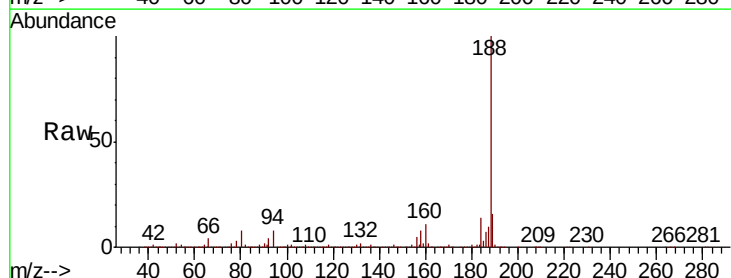
Tgt Ion: 188 Resp: 2975741

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

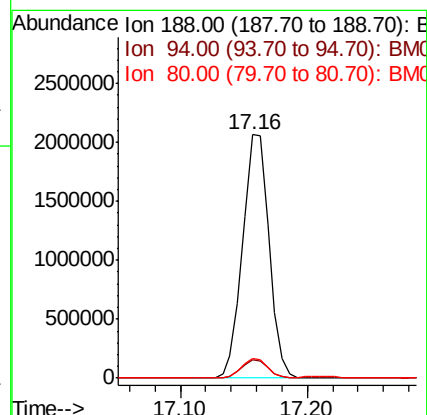
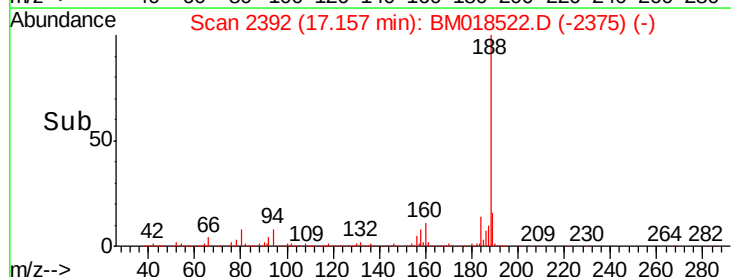
80 8.1 7.6 11.4

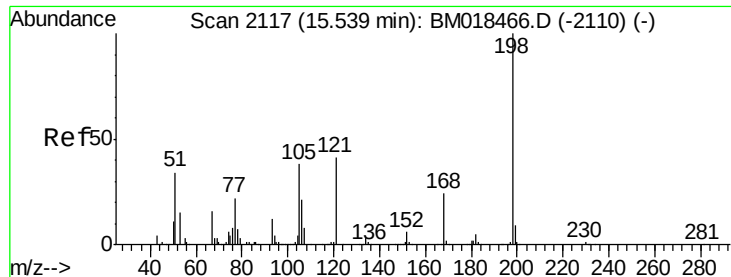


Abundance Ion 188.00 (187.70 to 188.70): BM018522.D (-2375) (-)

Ion 94.00 (93.70 to 94.70): BM018522.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BM018522.D (-2375) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 40.011 ng

RT: 15.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

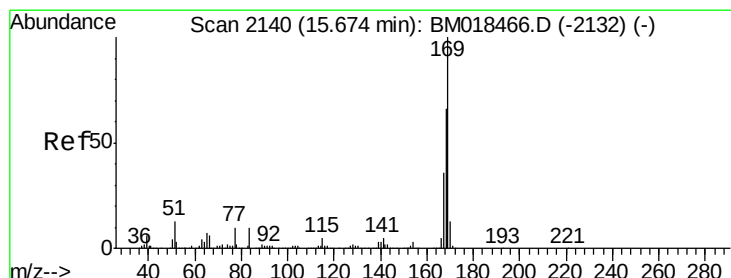
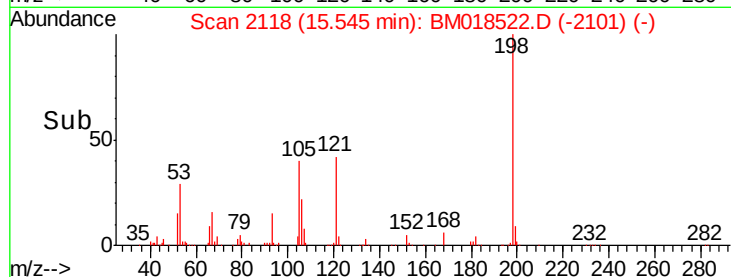
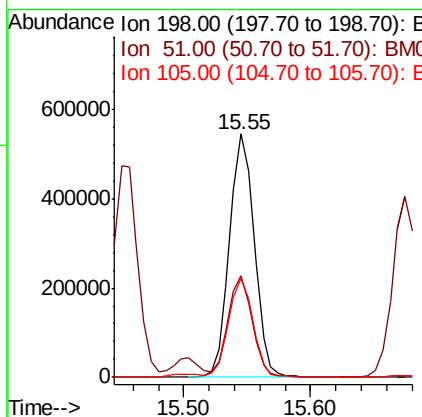
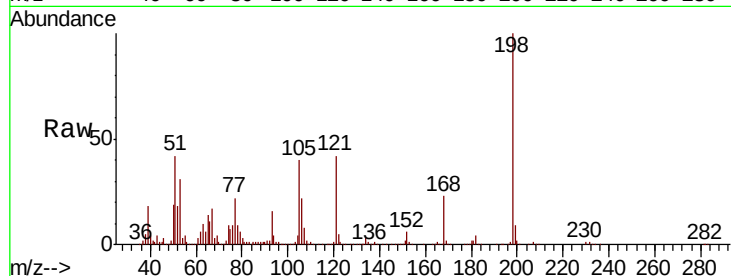
ClientSampled :

TP-16MS

Tot Ion:	198	Resp:	739706
Ion Ratio	Lower	Upper	
198	100		
51	41.6	29.6	69.6
105	40.4	25.5	65.5

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#66

n-Nitrosodiphenylamine

Concen: 46.113 ng

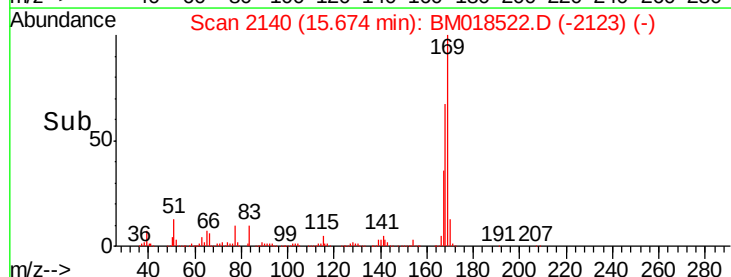
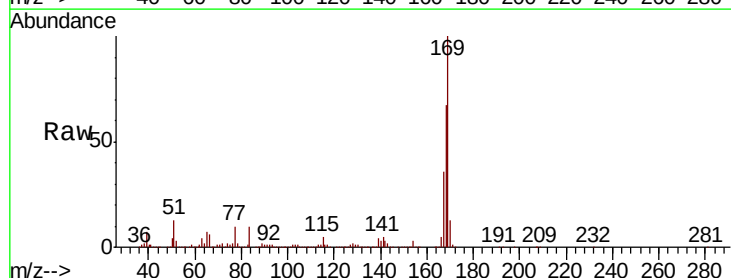
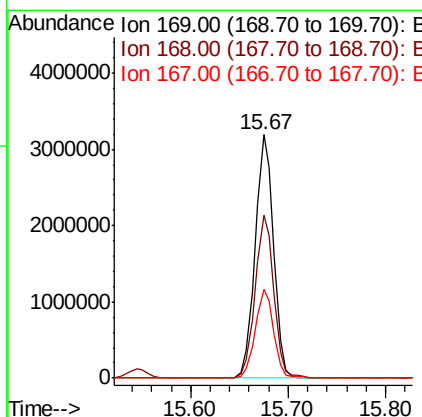
RT: 15.67 min Scan# 2140

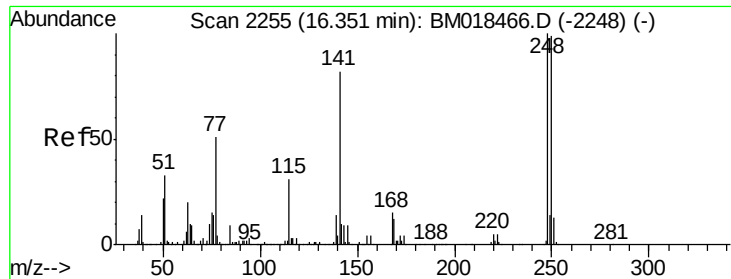
Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Tgt Ion:	169	Resp:	4256549
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.1	81.1
167	36.2	28.6	42.8





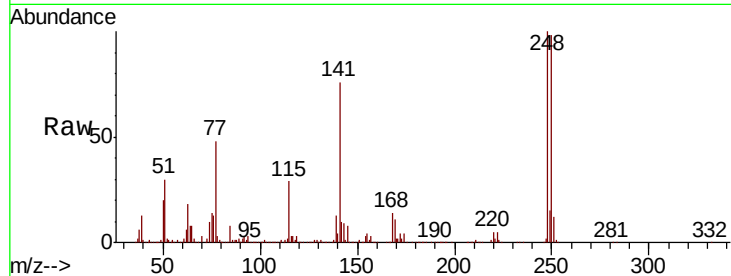
#67
 4-Bromophenyl-phenylether
 Concen: 45.103 ng
 RT: 16.35 min Scan# 2255
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

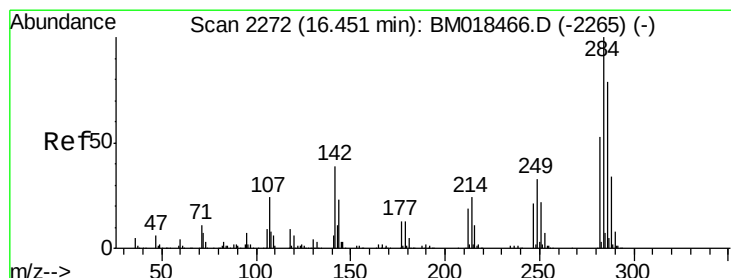
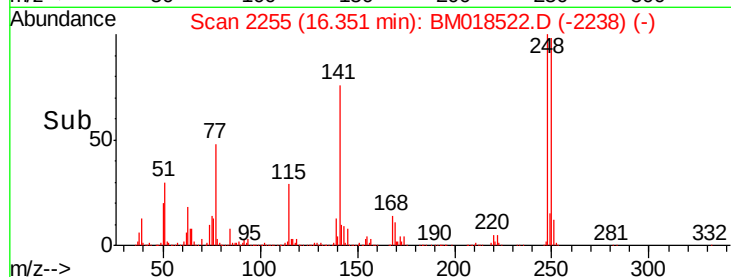
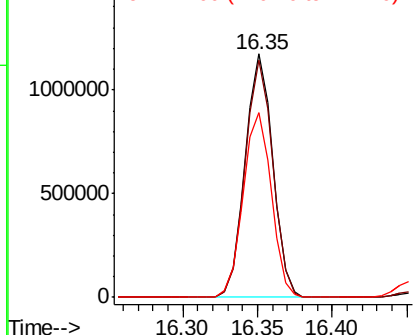
Tot Ion:248 Resp: 1501955
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.0 114.0
 141 76.0 61.5 92.3

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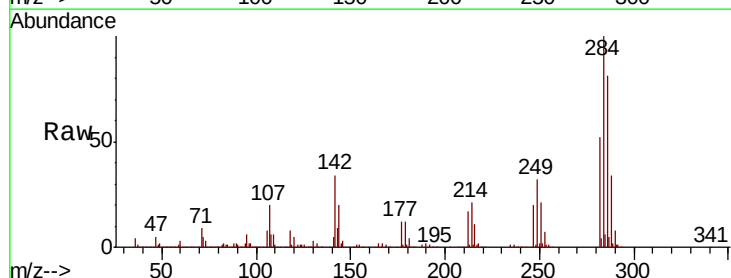


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

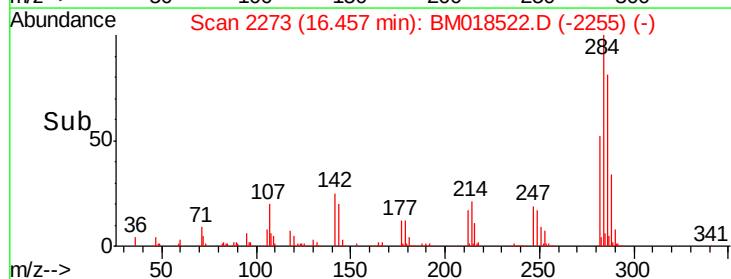
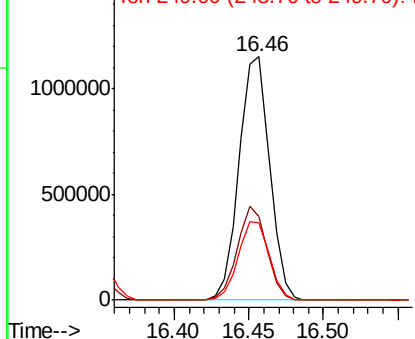


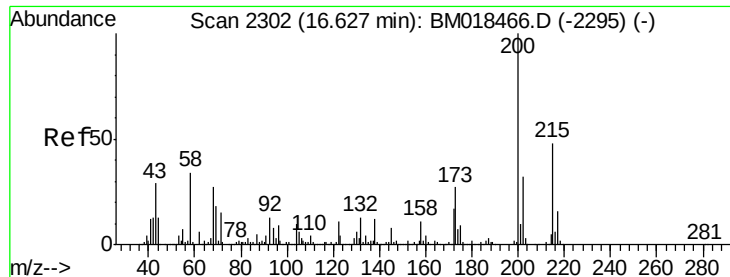
#68
 Hexachlorobenzene
 Concen: 44.043 ng
 RT: 16.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:284 Resp: 1641880
 Ion Ratio Lower Upper
 284 100
 142 34.2 29.2 43.8
 249 31.9 26.1 39.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





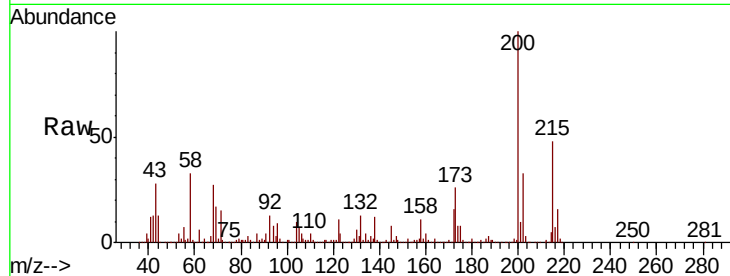
#69
Atrazine
Concen: 46.872 ng
RT: 16.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	7.2	47.2
215	48.1	28.3	68.3

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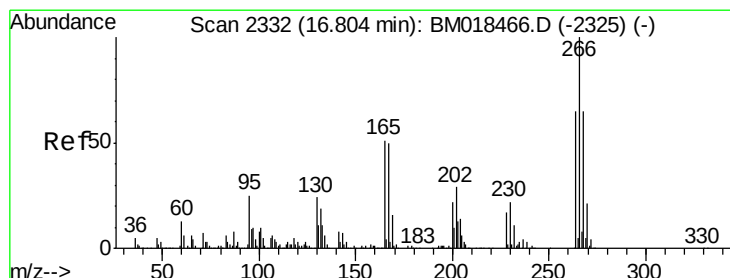
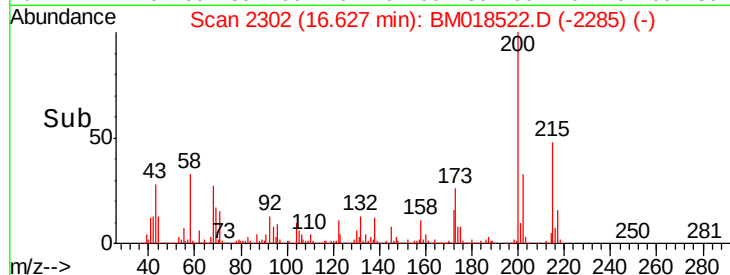
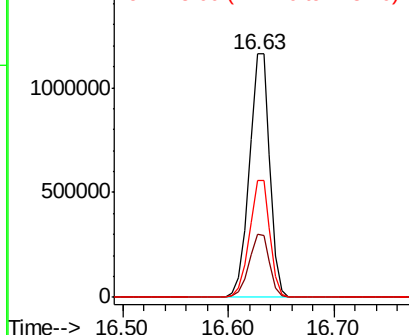


Abundance

Ion 200.00 (199.70 to 200.70): E

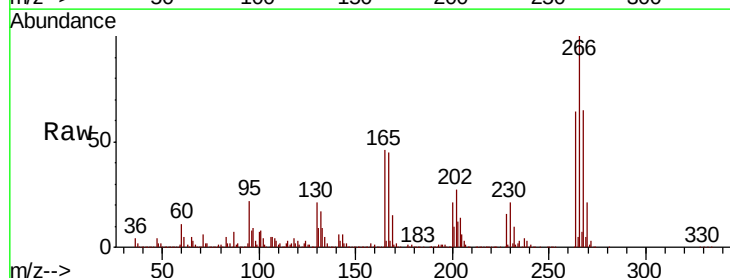
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 85.449 ng
RT: 16.81 min Scan# 2333
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.8	74.6
264	63.7	50.1	75.1

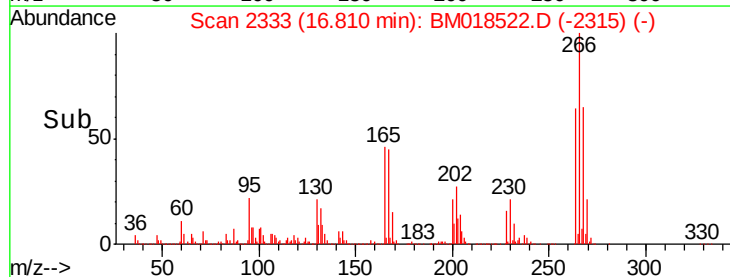
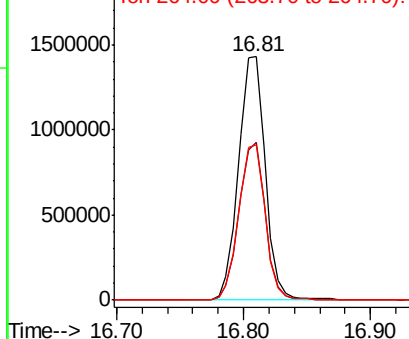


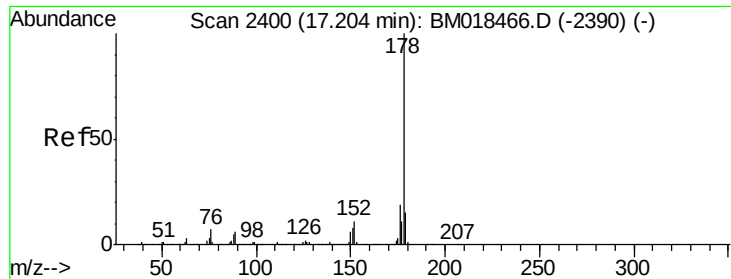
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





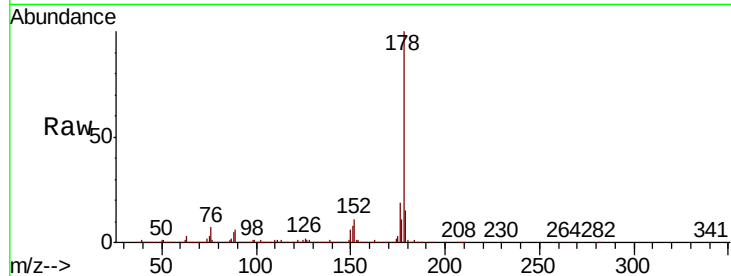
#71
Phenanthrene
Concen: 47.266 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.2	18.4

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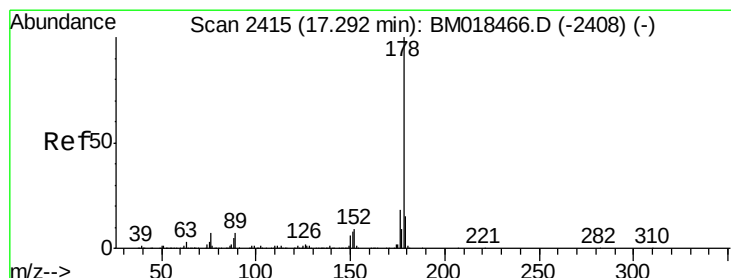
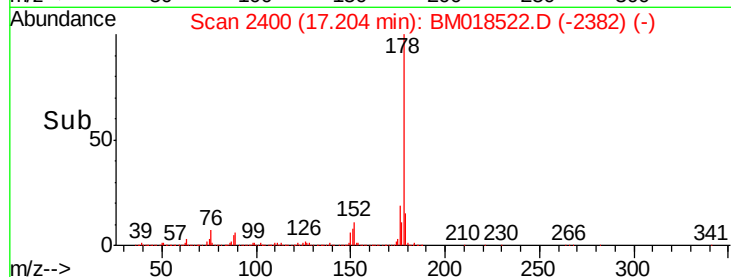
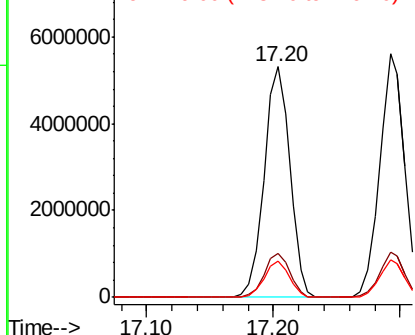


Abundance

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: 50.098 ng
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

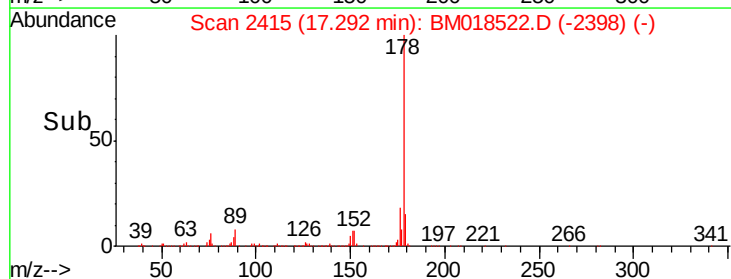
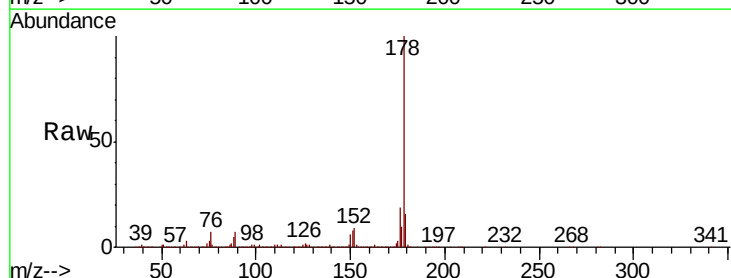
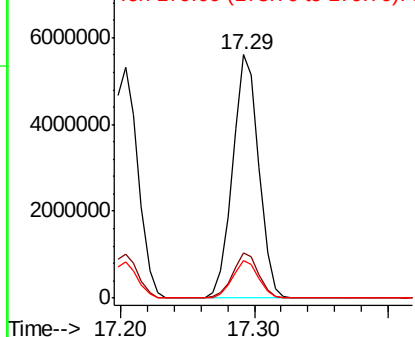
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.6	12.2	18.4

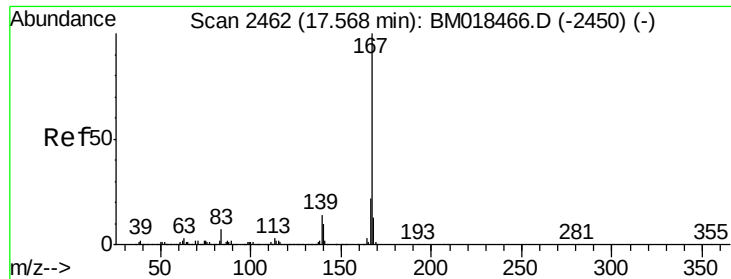
Abundance

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





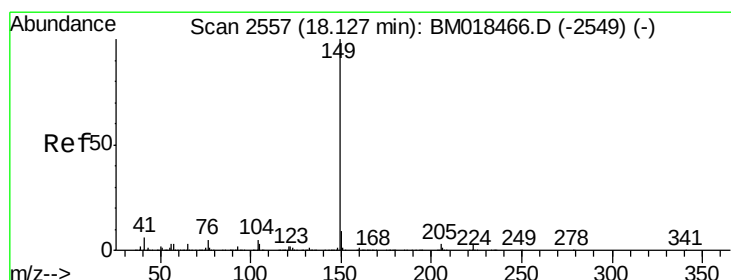
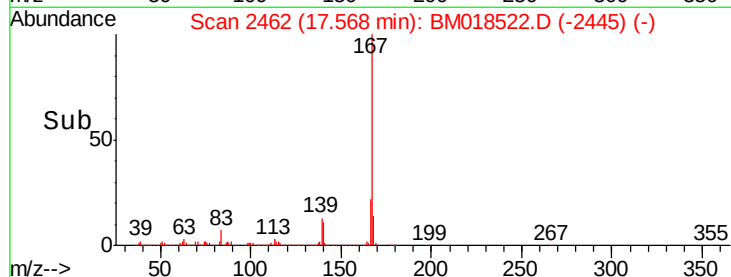
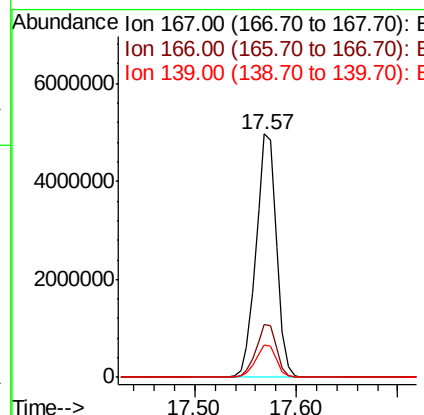
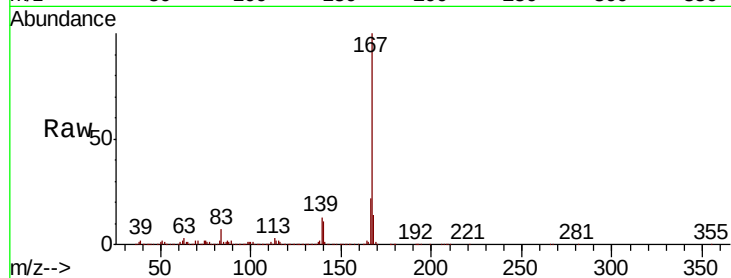
#73
 Carbazole
 Concen: 44.456 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.5	10.6	16.0

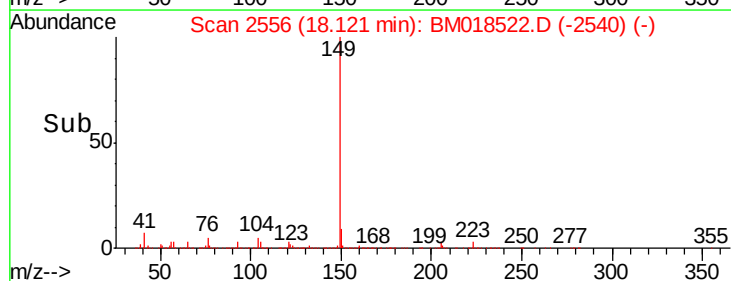
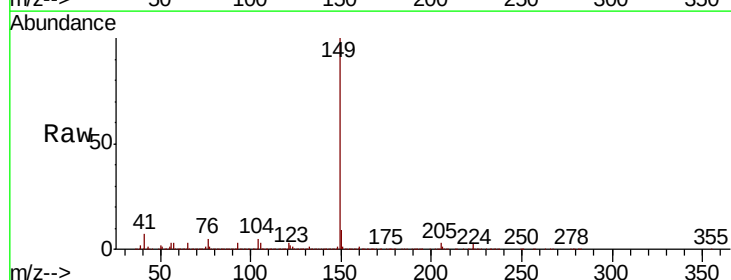
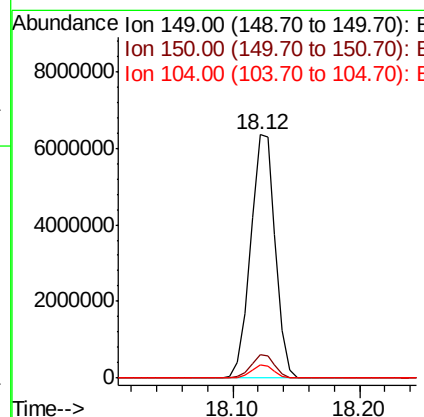
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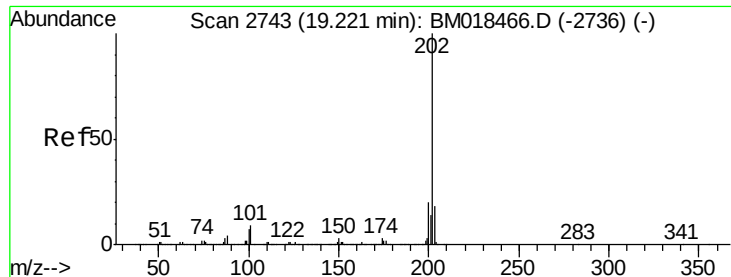
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#74
 Di-n-butylphthalate
 Concen: 49.871 ng
 RT: 18.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 47.139 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tot Ion:202 Resp: 8602103

Ion Ratio Lower Upper

202 100

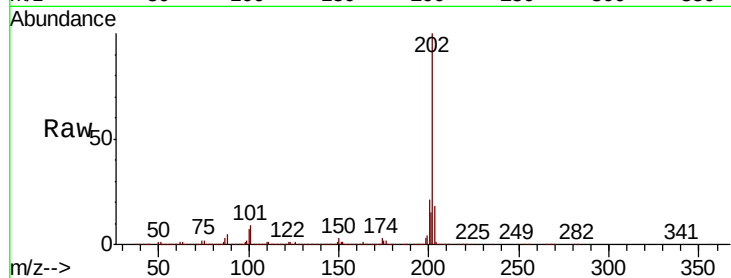
101 9.1 0.0 30.9

203 17.9 0.0 37.4

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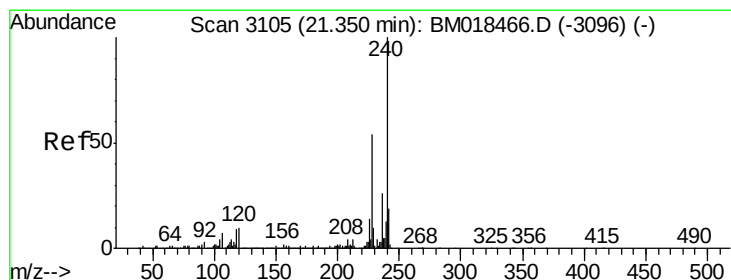
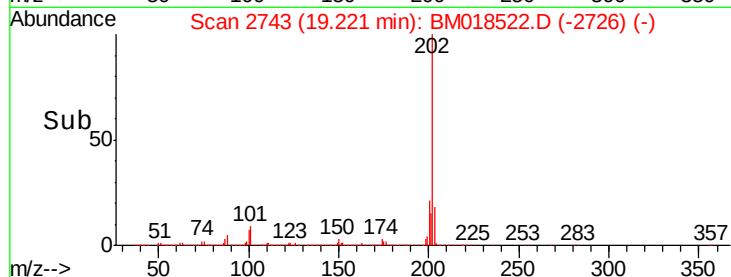
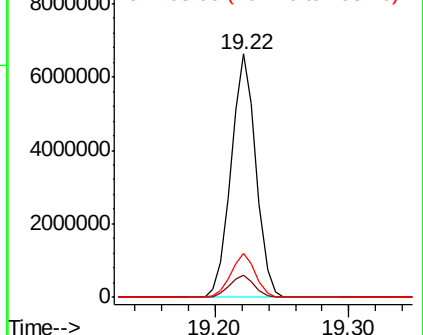
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

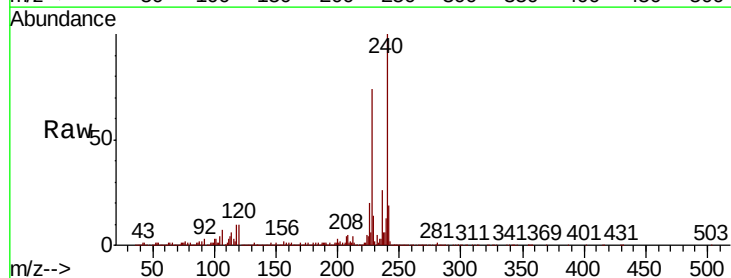
Tgt Ion:240 Resp: 2854501

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

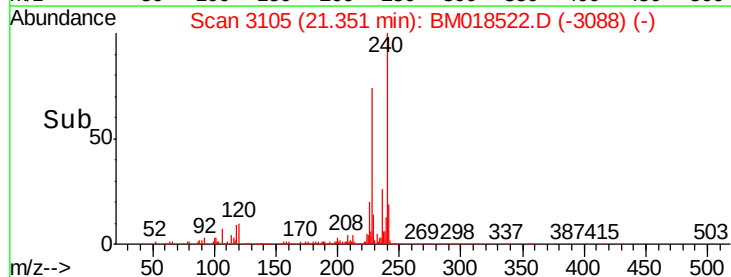
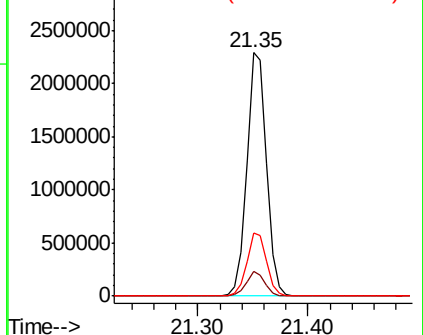
236 26.0 20.7 31.1

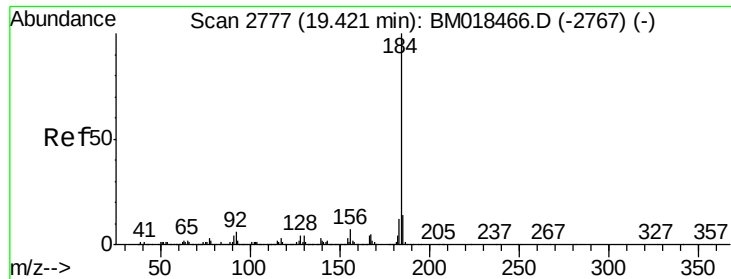


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.701 ng

RT: 19.42 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampleId :

TP-16MS

Tot Ion:184 Resp: 3573526

Ion Ratio Lower Upper

184 100

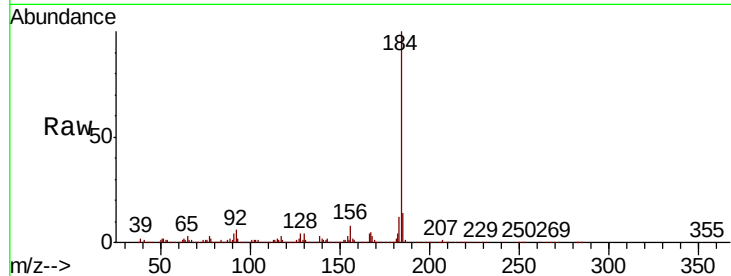
185 14.4 11.4 17.0

183 11.8 9.5 14.3

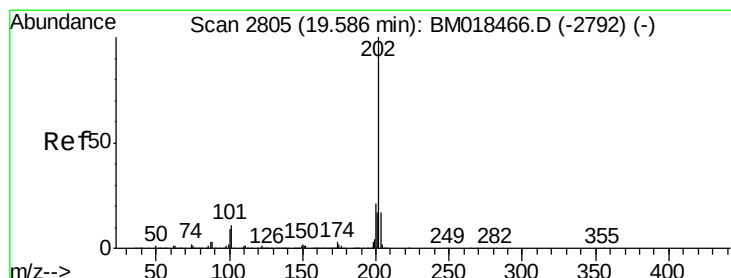
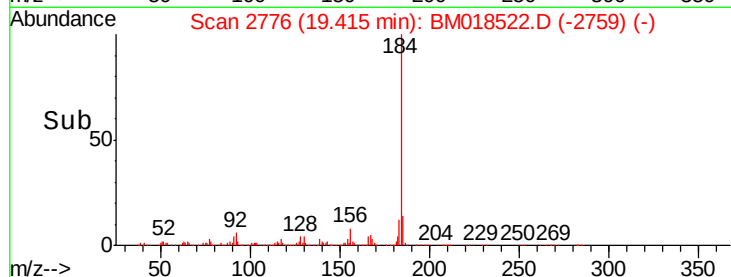
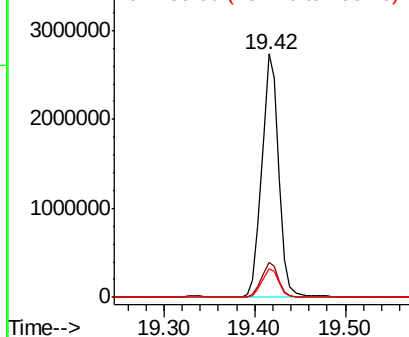
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.745 ng

RT: 19.59 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

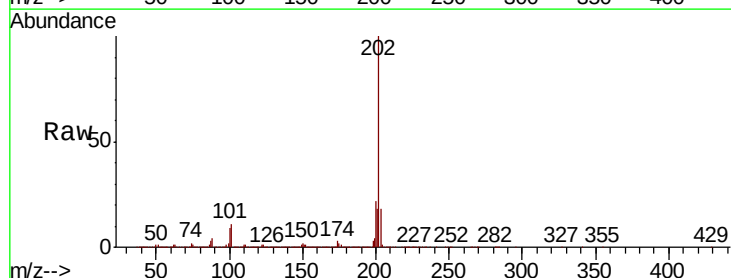
Tgt Ion:202 Resp: 8755238

Ion Ratio Lower Upper

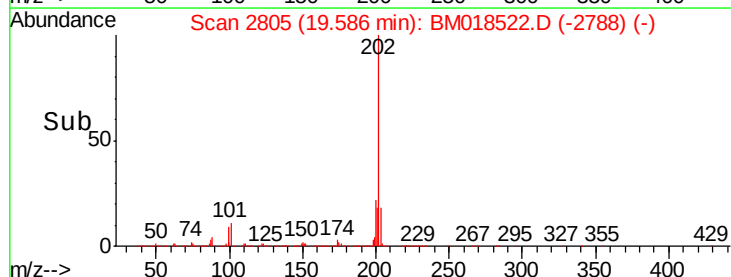
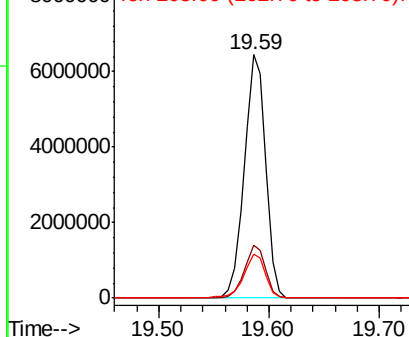
202 100

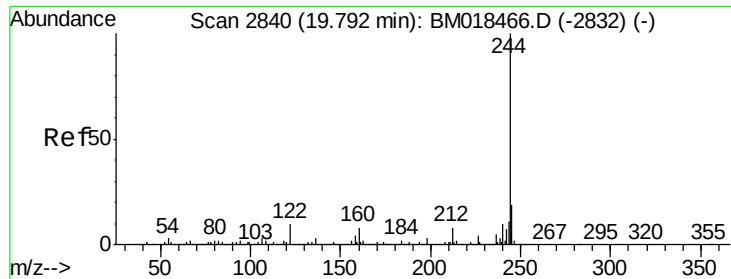
200 21.6 16.6 24.8

203 17.9 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





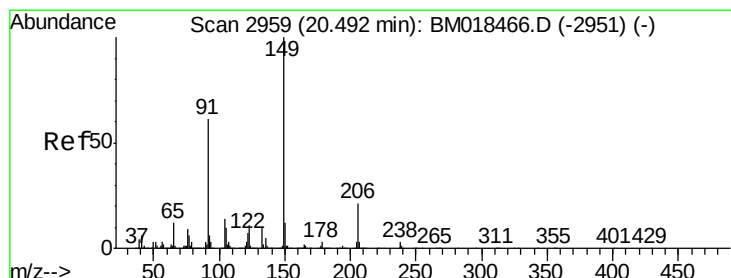
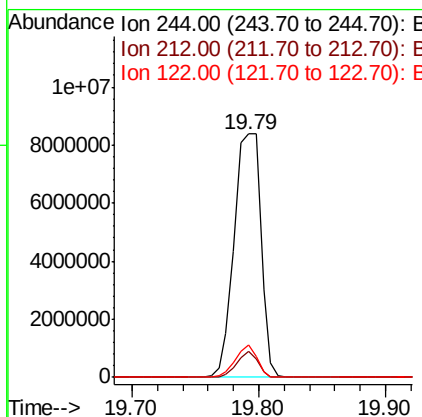
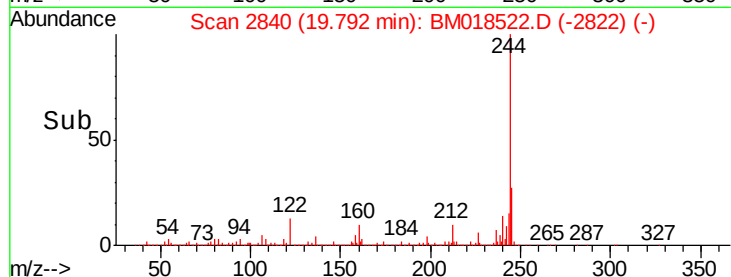
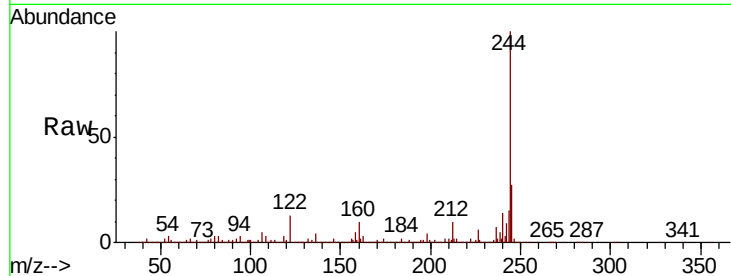
#79
 Terphenyl-d14
 Concen: 90.400 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampled :
 TP-16MS

Tot Ion:244 Resp:12241098
 Ion Ratio Lower Upper
 244 100
 212 10.5 5.9 8.9#
 122 13.3 9.0 13.4

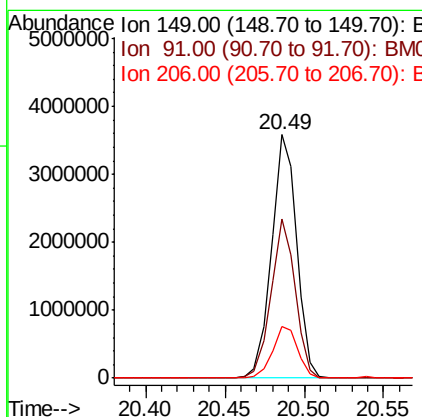
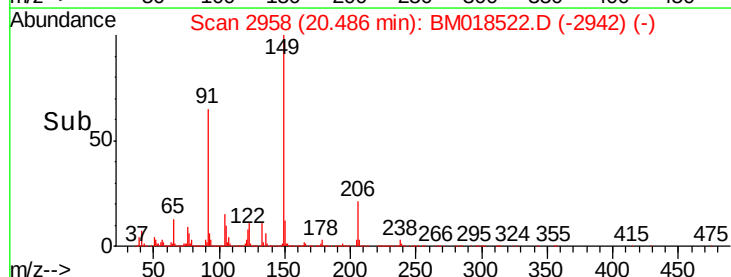
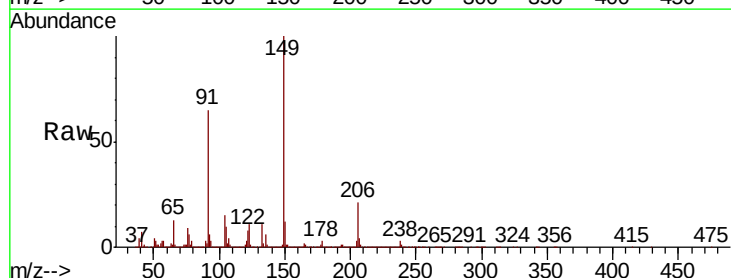
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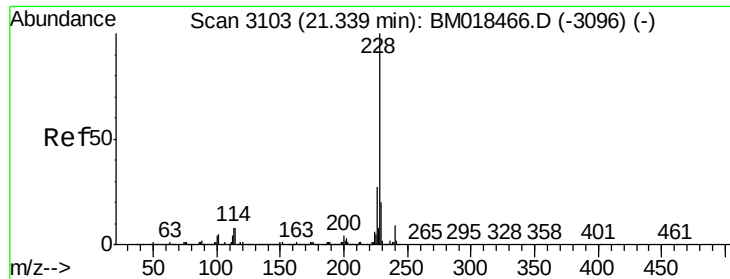
Sohil
 1/11/2019 4:41:11 PM



#80
 Butylbenzylphthalate
 Concen: 54.703 ng
 RT: 20.49 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion:149 Resp: 3949522
 Ion Ratio Lower Upper
 149 100
 91 65.2 53.1 79.7
 206 21.2 16.2 24.4





#81

Benzo(a)anthracene

Concen: 48.620 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampled :

TP-16MS

Tot Ion:228 Resp: 8176147

Ion Ratio Lower Upper

228 100

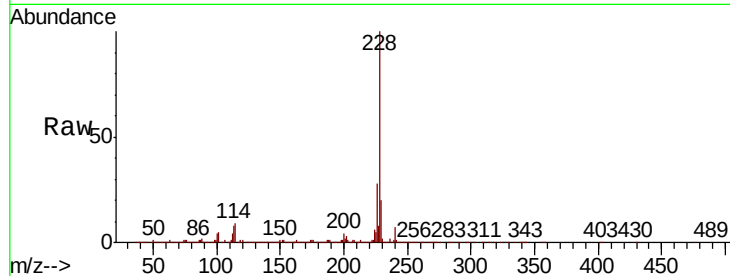
226 27.8 21.8 32.6

229 20.1 15.8 23.8

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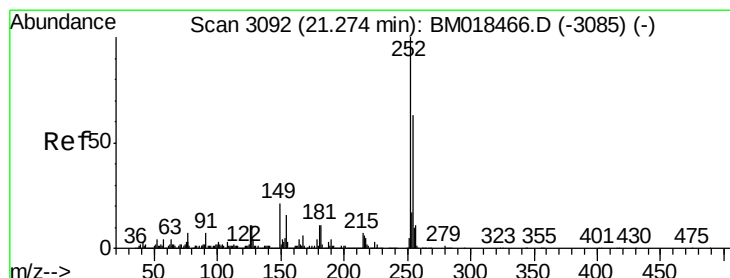
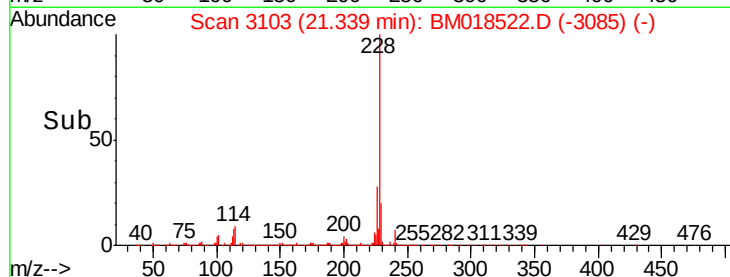
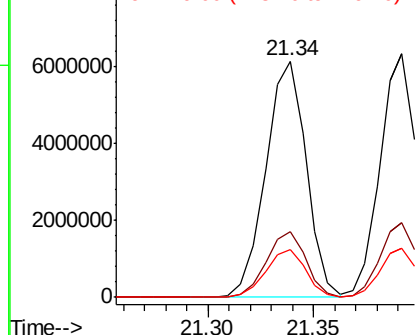


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.065 ng

RT: 21.27 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

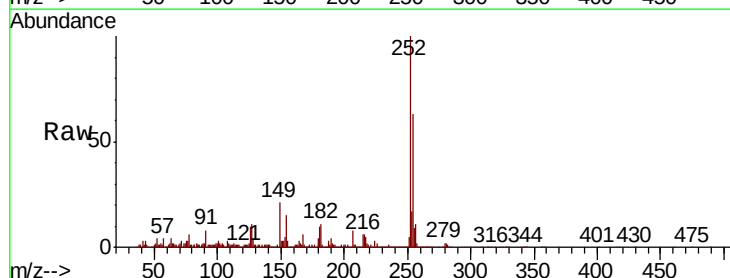
Tgt Ion:252 Resp: 1148769

Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.0

126 10.5 8.7 13.1

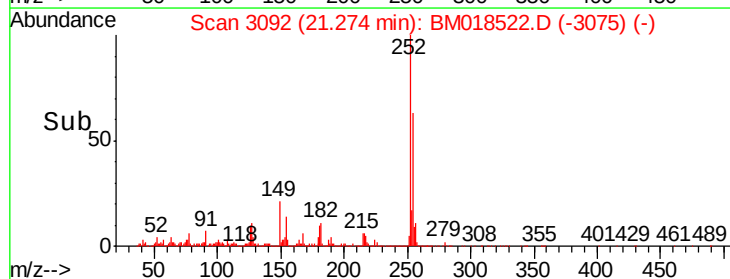
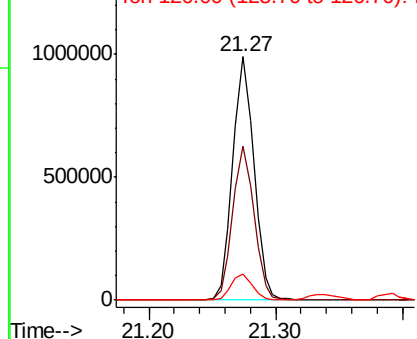


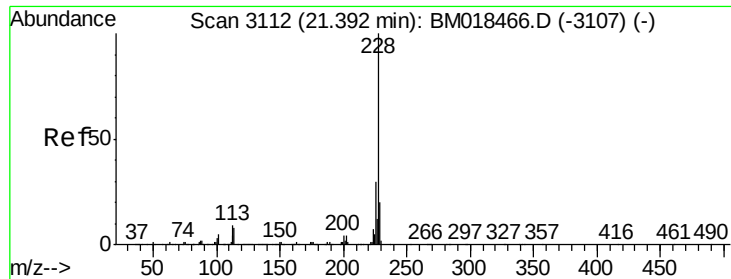
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





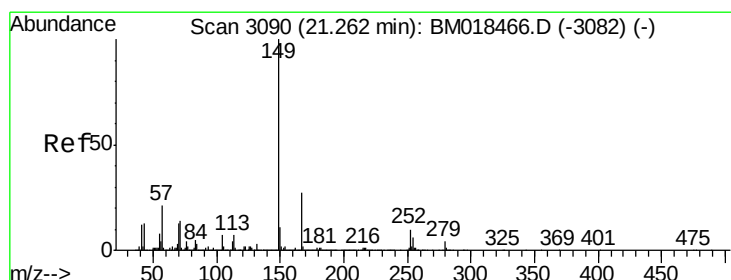
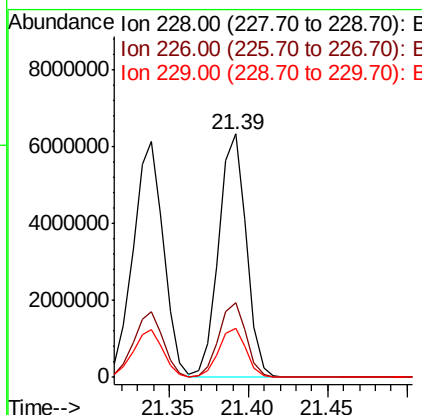
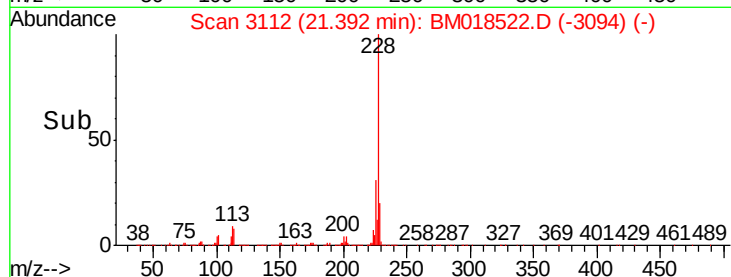
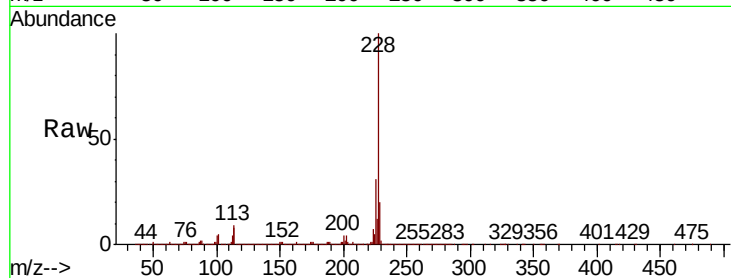
#83
 Chrysene
 Concen: 47.029 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Instrument :
 BNA_M
 ClientSampleId :
 TP-16MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	20.2	15.6	23.4

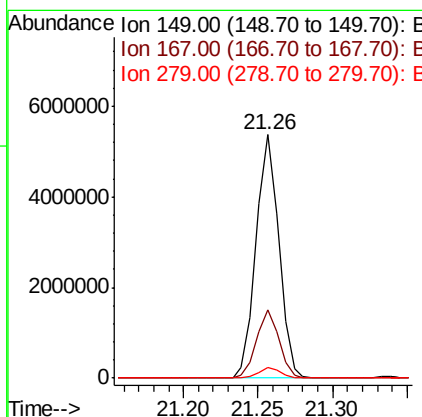
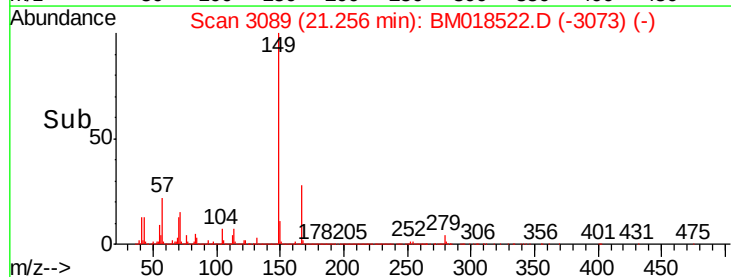
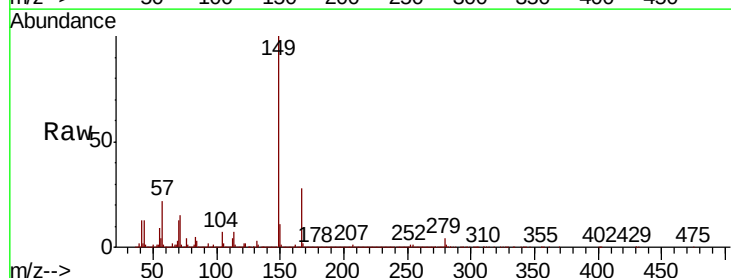
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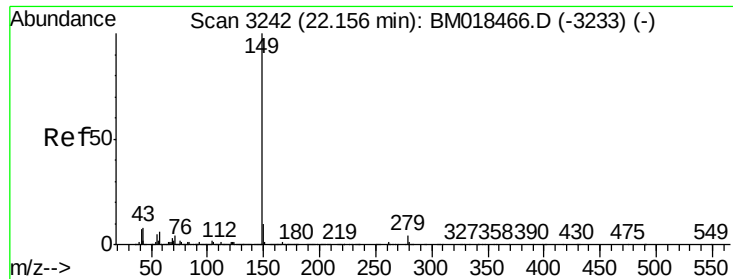
Sohil
 1/11/2019 4:41:11 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.911 ng
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM018522.D
 Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	4.4	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 52.388 ng

RT: 22.15 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampled :

TP-16MS

Tot Ion:149 Resp: 9186321

Ion Ratio Lower Upper

149 100

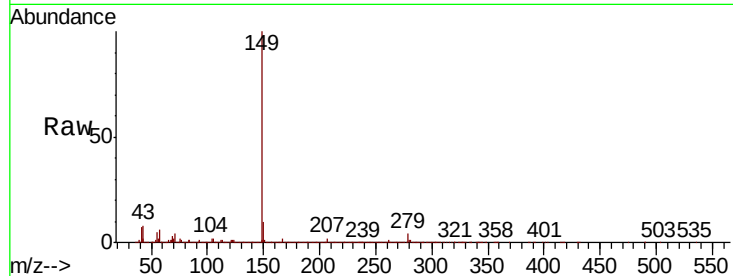
167 1.6 1.3 1.9

43 8.4 8.6 12.8#

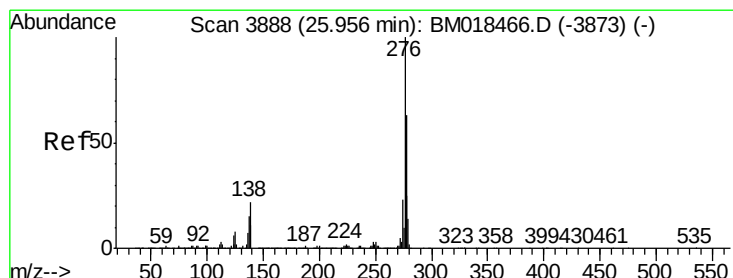
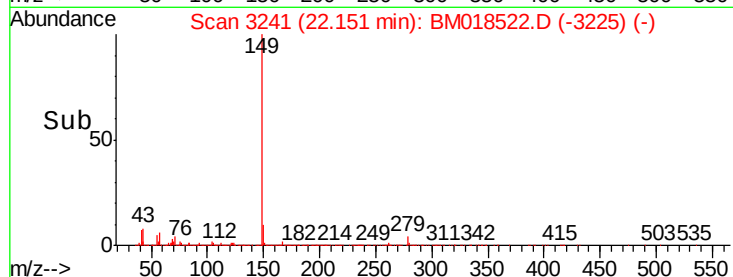
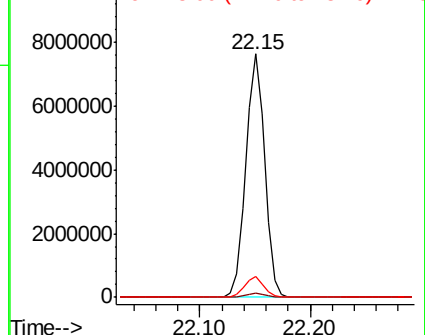
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.314 ng

RT: 25.97 min Scan# 3890

Delta R.T. 0.02 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

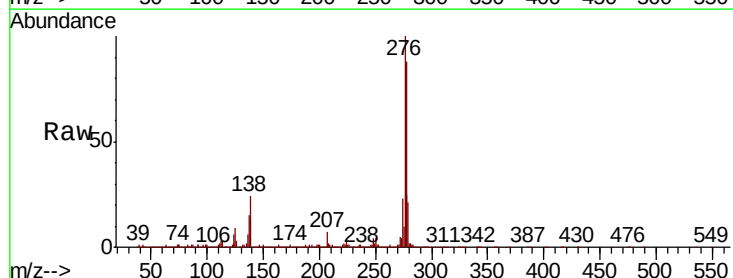
Tgt Ion:276 Resp: 6987044

Ion Ratio Lower Upper

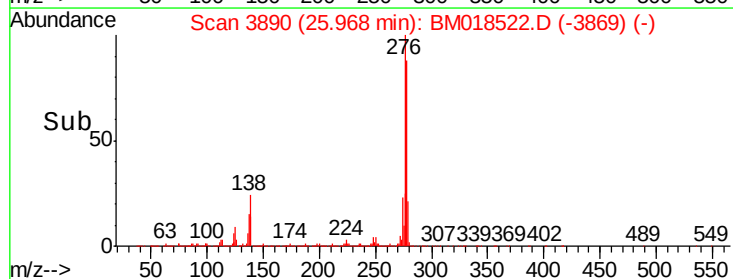
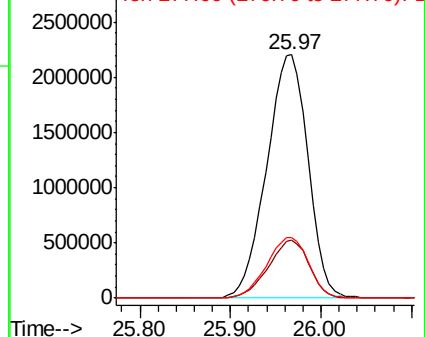
276 100

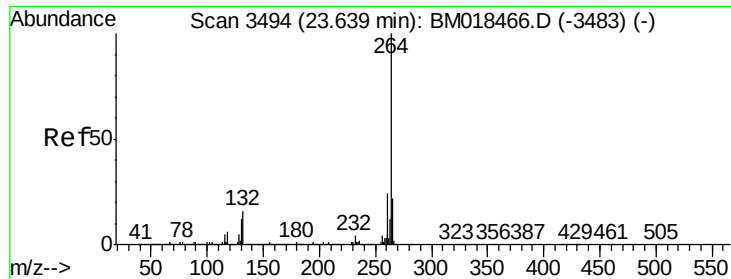
138 23.5 21.5 32.3

277 25.2 20.2 30.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

Instrument :

BNA_M

ClientSampled :

TP-16MS

Tot Ion:264 Resp: 2461409

Ion Ratio Lower Upper

264 100

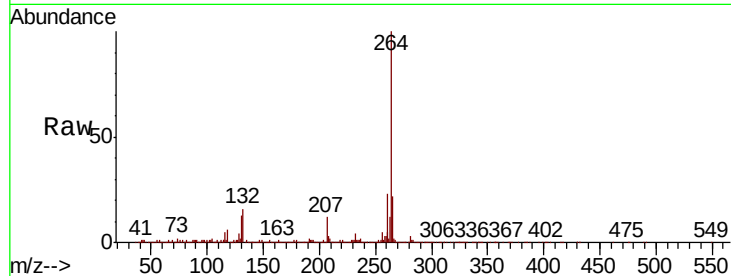
260 23.5 18.9 28.3

265 22.1 16.8 25.2

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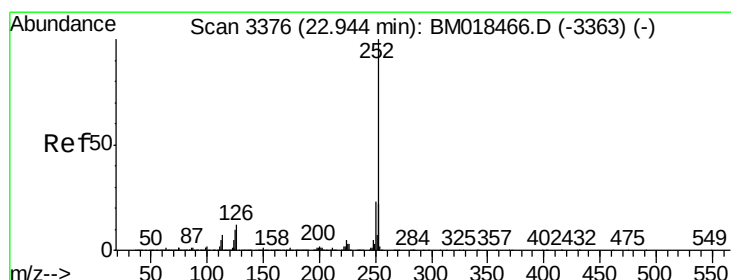
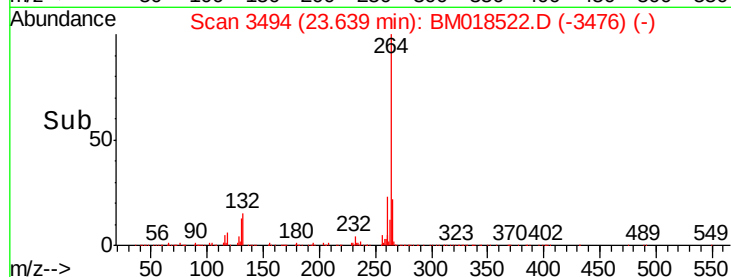
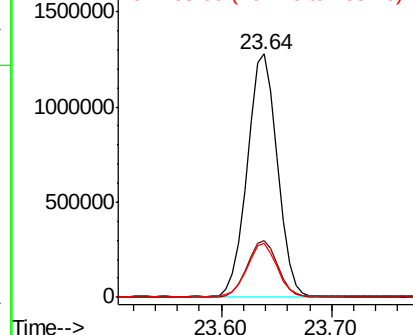


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.128 ng

RT: 22.95 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM018522.D

Acq: 10 Jan 2019 23:17

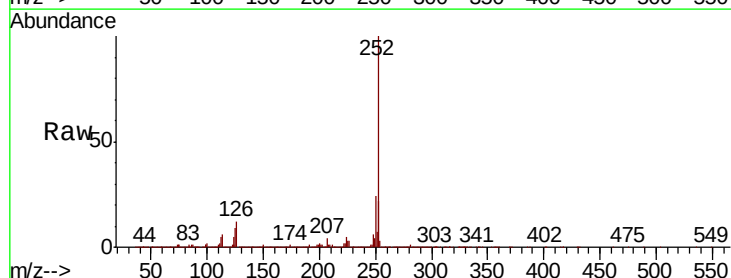
Tgt Ion:252 Resp: 7004837

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 8.9 8.5 12.7

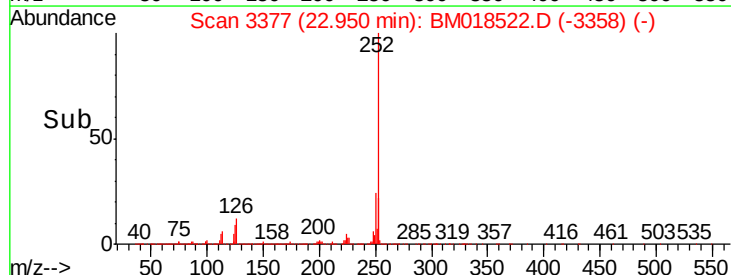
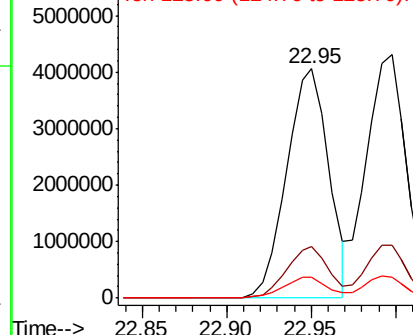


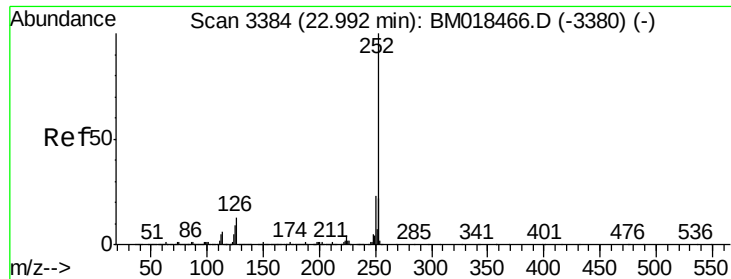
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





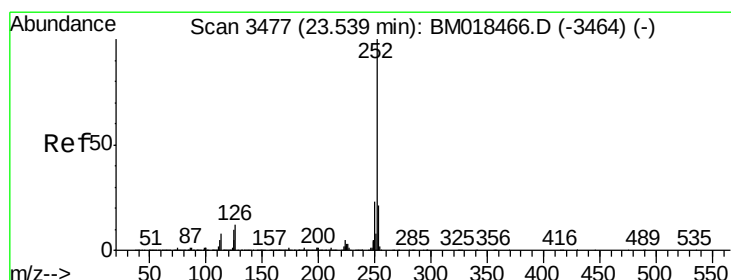
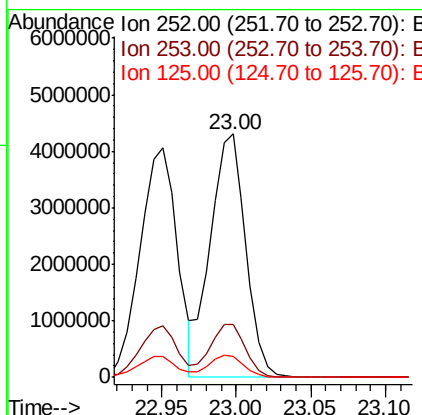
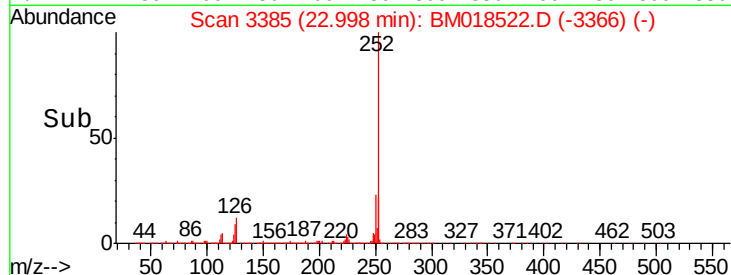
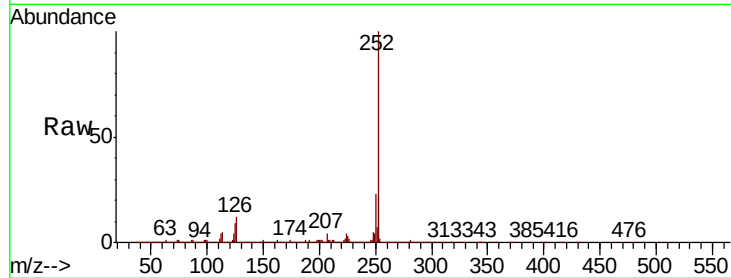
#89
Benzo(k)fluoranthene
Concen: 50.418 ng
RT: 23.00 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampled :
TP-16MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.8	8.6	12.8

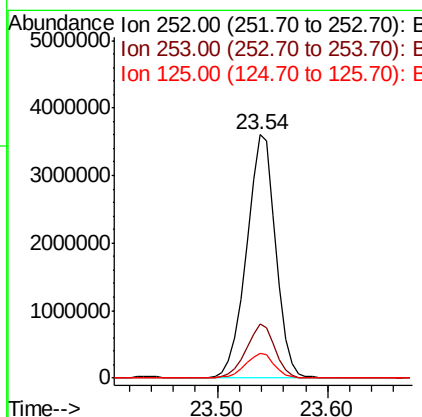
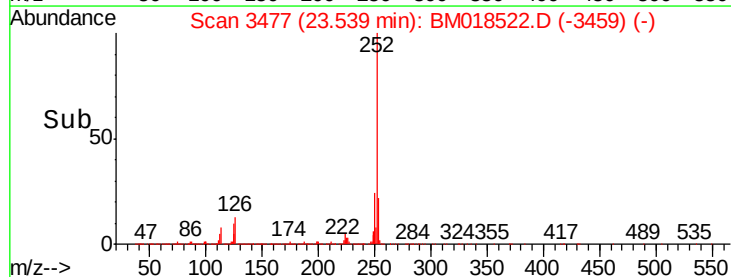
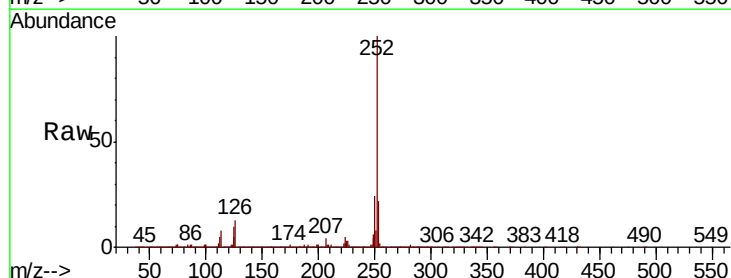
Manual Integrations
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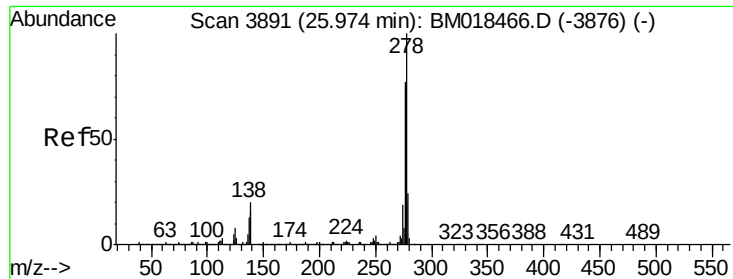
Sohil
1/11/2019 4:41:11 PM



#90
Benzo(a)pyrene
Concen: 49.760 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.1	9.7	14.5





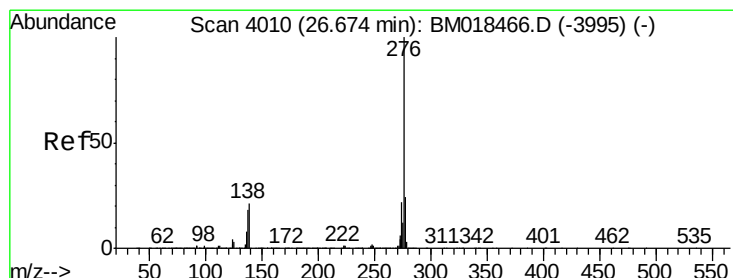
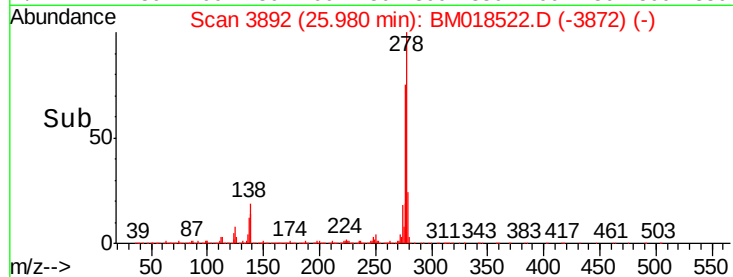
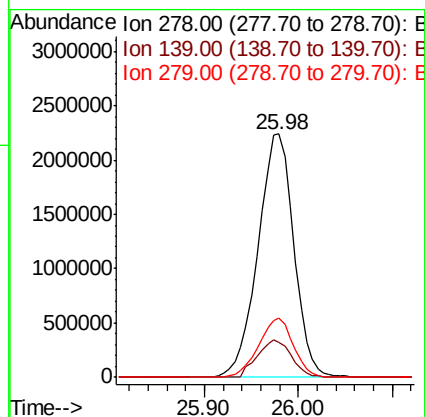
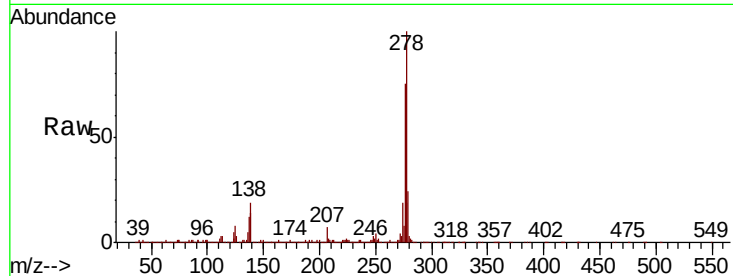
#91
Dibenzo(a,h)anthracene
Concen: 43.547 ng
RT: 25.98 min Scan# 3892
Delta R.T. 0.02 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Instrument :
BNA_M
ClientSampleId :
TP-16MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.2	19.8
279	24.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/11/2019 4:41:11 PM



#92
Benzo(g,h,i)perylene
Concen: 43.021 ng
RT: 26.68 min Scan# 4011
Delta R.T. 0.02 min
Lab File: BM018522.D
Acq: 10 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.4	18.1	27.1

