

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018488.D
 Acq On : 10 Jan 2019 00:19
 Operator : JU/SJ
 Sample : K1081-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Manual Integrations
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 1/10/2019 3:12:08 PM

Quant Time: Jan 10 06:41:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	570673	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2464477	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	1467202	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3291100	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2370491	20.00	ng	0.00
87) Perylene-d12	23.64	264	2308046	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	4088831	132.30	ng	0.00
7) Phenol-d6	6.95	99	5418901	138.05	ng	0.01
23) Nitrobenzene-d5	8.93	82	3320897	78.12	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	2496745	133.65	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	8222114	73.12	ng	0.00
79) Terphenyl-d14	19.79	244	10643903	94.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	289533	22.985	ng	98
3) Pyridine	3.68	79	863125	27.484	ng	97
4) n-Nitrosodimethylamine	3.60	42	492434	37.920	ng	# 94
6) Aniline	7.11	93	466634	10.657	ng	99
8) 2-Chlorophenol	7.33	128	1486249	41.176	ng	95
9) Benzaldehyde	6.92	77	450965	17.085	ng	95
10) Phenol	6.98	94	1868904	46.853	ng	98
11) bis(2-Chloroethyl)ether	7.20	93	1160427	37.024	ng	95
12) 1,3-Dichlorobenzene	7.65	146	1486753	34.587	ng	98
13) 1,4-Dichlorobenzene	7.80	146	1536622	35.269	ng	100
14) 1,2-Dichlorobenzene	8.12	146	1500109	36.311	ng	99
15) Benzyl Alcohol	8.01	79	1104399	38.954	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1432317	35.760	ng	94
17) 2-Methylphenol	8.22	107	1173104	43.326	ng	99
18) Hexachloroethane	8.83	117	401669	25.856	ng	96
19) n-Nitroso-di-n-propylamine	8.58	70	955852	37.418	ng	92
20) 3+4-Methylphenols	8.54	107	1580454	42.283	ng	98
22) Acetophenone	8.59	105	2005674	32.899	ng	# 97
24) Nitrobenzene	8.98	77	1478410	35.344	ng	95
25) Isophorone	9.49	82	2640856	41.023	ng	98
26) 2-Nitrophenol	9.68	139	807333	39.916	ng	95
27) 2,4-Dimethylphenol	9.74	122	1331581	43.923	ng	98
28) bis(2-Chloroethoxy)methane	9.98	93	1616798	36.356	ng	100
29) 2,4-Dichlorophenol	10.22	162	1474243	40.838	ng	98
30) 1,2,4-Trichlorobenzene	10.42	180	1559351	34.801	ng	99
31) Naphthalene	10.61	128	4540410	38.254	ng	99
33) 4-Chloroaniline	10.73	127	596041	12.751	ng	97
34) Hexachlorobutadiene	10.88	225	912966	32.252	ng	99
35) Caprolactam	11.54	113	441671m	35.986	ng	
36) 4-Chloro-3-methylphenol	11.86	107	1545640	40.811	ng	98
37) 2-Methylnaphthalene	12.22	142	3353118	39.985	ng	100
38) 1-Methylnaphthalene	12.45	142	3205145	39.502	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1762001	34.342	ng	98
41) Hexachlorocyclopentadiene	12.56	237	159818	5.676	ng	99

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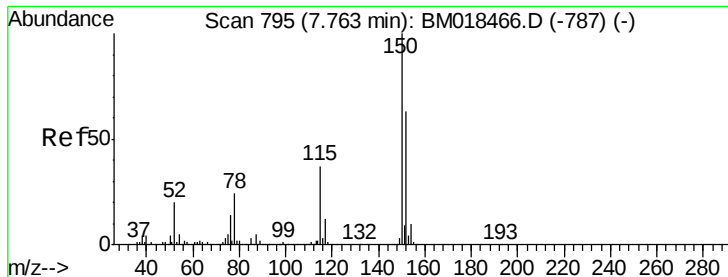
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.84	196	1249945	40.118	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	1346224	41.084	ng	98
46) 1,1'-Biphenyl	13.25	154	4254357	33.209	ng	99
47) 2-Chloronaphthalene	13.29	162	3393628	34.161	ng	100
48) 2-Nitroaniline	13.50	65	949892	38.865	ng	91
49) Acenaphthylene	14.13	152	5534484	38.228	ng	99
50) Dimethylphthalate	13.88	163	4967062	41.221	ng	99
51) 2,6-Dinitrotoluene	14.00	165	964456	37.786	ng	91
52) Acenaphthene	14.48	154	3183471	35.938	ng	98
53) 3-Nitroaniline	14.33	138	776958	30.194	ng	97
54) 2,4-Dinitrophenol	14.54	184	131357	15.852	ng	94
55) Dibenzofuran	14.82	168	5143919	35.145	ng	99
56) 4-Nitrophenol	14.66	139	1762785	79.297	ng	96
57) 2,4-Dinitrotoluene	14.79	165	1365237	37.804	ng	97
58) Fluorene	15.46	166	4254570	39.022	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1233443	42.467	ng	96
60) Diethylphthalate	15.24	149	4373387	35.952	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	2144920	34.133	ng	99
62) 4-Nitroaniline	15.50	138	985690	35.118	ng	99
63) Azobenzene	15.75	77	3550372	35.798	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	313713	18.668	ng	87
66) n-Nitrosodiphenylamine	15.68	169	3773054	36.959	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	1315681	35.724	ng	98
68) Hexachlorobenzene	16.46	284	1434649	34.796	ng	97
69) Atrazine	16.63	200	1388968	37.635	ng	99
70) Pentachlorophenol	16.81	266	1689221	62.558	ng	98
71) Phenanthrene	17.21	178	6654704	38.015	ng	100
72) Anthracene	17.30	178	6719352	39.917	ng	99
73) Carbazole	17.57	167	6058537	35.032	ng	100
74) Di-n-butylphthalate	18.13	149	7591551	40.074	ng	99
75) Fluoranthene	19.23	202	7109853	35.228	ng	98
77) Benzidine	19.42	184	2315395	39.559	ng	100
78) Pyrene	19.59	202	6902938	49.128	ng	100
80) Butylbenzylphthalate	20.49	149	2994830	49.949	ng	96
81) Benzo(a)anthracene	21.34	228	5577975	39.943	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	1477264	27.974	ng	99
83) Chrysene	21.39	228	5141905	38.130	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	4154462	47.985	ng	98
85) Di-n-octyl phthalate	22.16	149	6432324	44.173	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.97	276	5740396	36.916	ng	96
88) Benzo(b)fluoranthene	22.96	252	5147568m	39.285	ng	
89) Benzo(k)fluoranthene	23.00	252	5035513m	38.133	ng	
90) Benzo(a)pyrene	23.54	252	4989509	39.774	ng	97
91) Dibenzo(a,h)anthracene	25.99	278	4762807	37.471	ng	99
92) Benzo(g,h,i)perylene	26.69	276	4783744	38.675	ng	97

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



#1

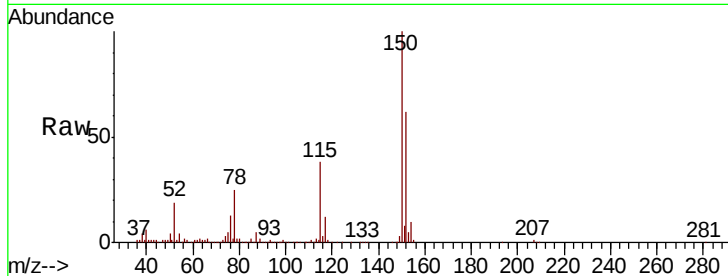
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.9	190.3
115	60.5	45.5	68.3

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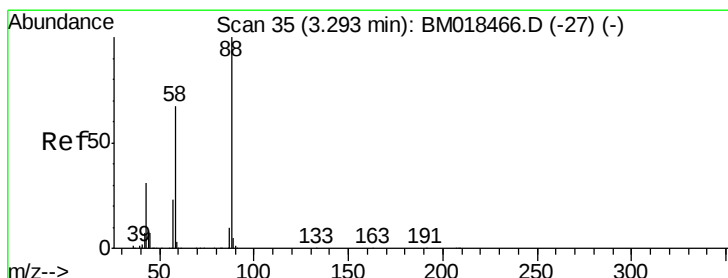
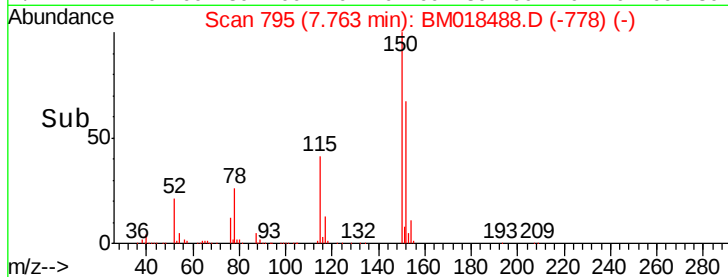
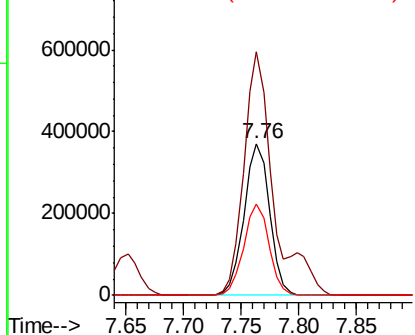


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

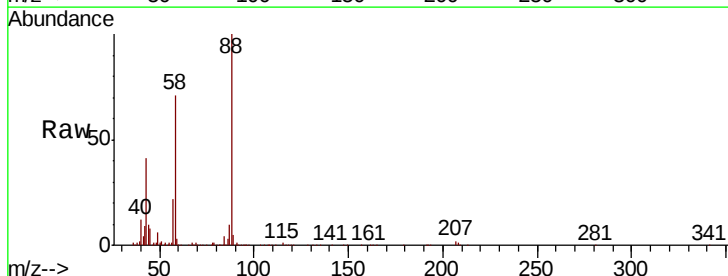
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.985 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	58.4	87.6
43	31.9	26.2	39.4

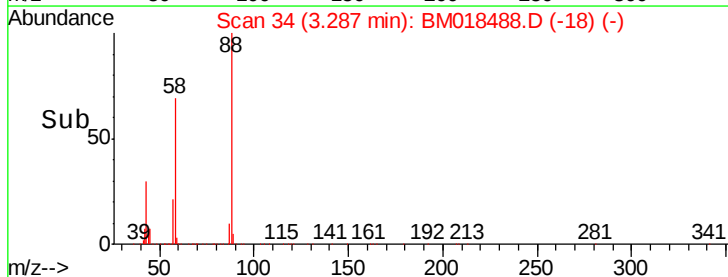
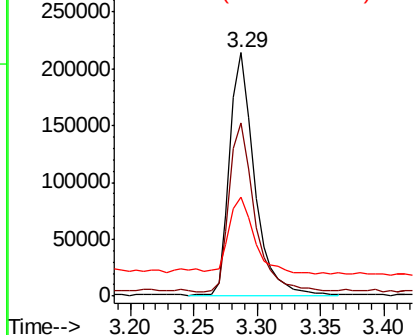


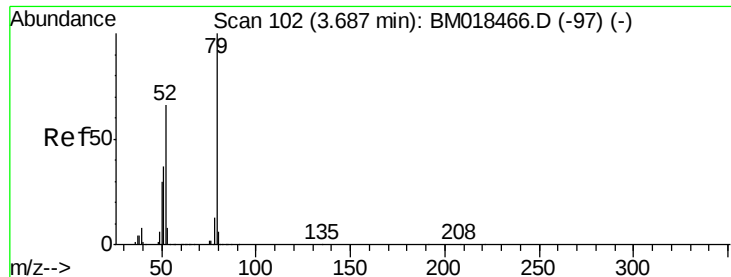
Abundance

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





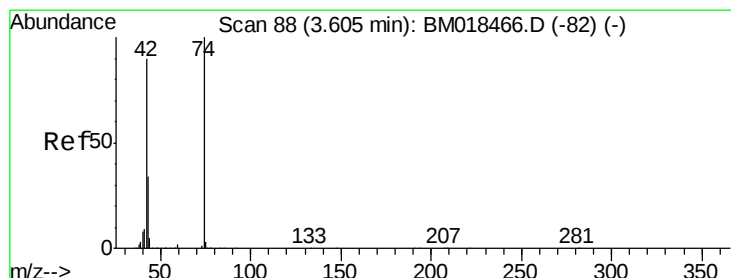
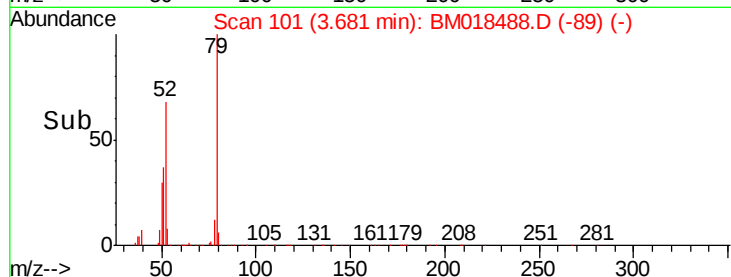
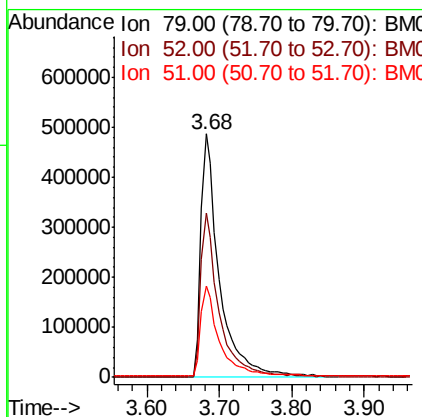
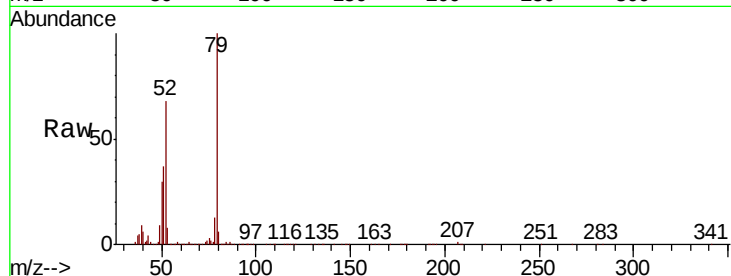
#3
 Pvridine
 Concen: 27.484 ng
 RT: 3.68 min Scan# 101
 Delta R.T. -0.03 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

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 SUP-3B-C-1-010819MS

Tot Ion:	79	Resp:	863125
Ion	Ratio	Lower	Upper
79	100		
52	67.5	56.4	84.6
51	37.5	31.0	46.4

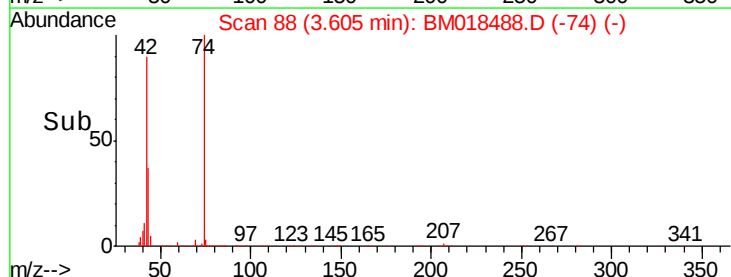
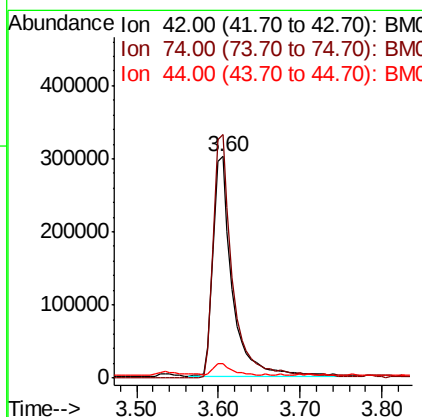
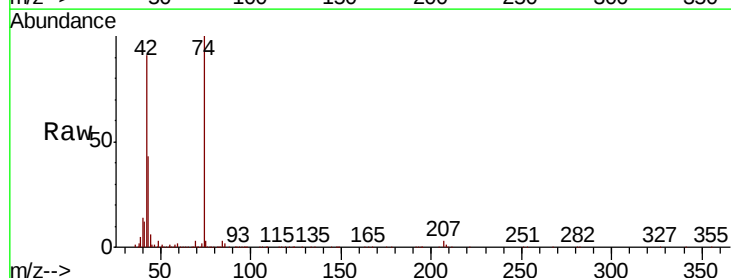
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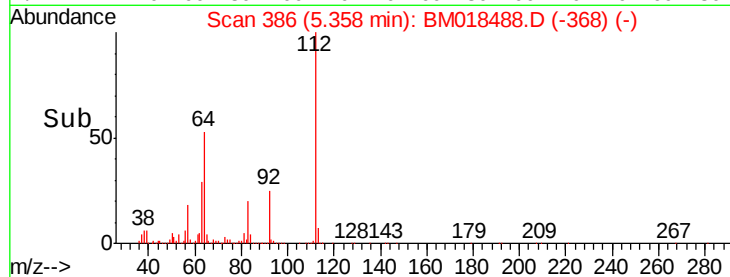
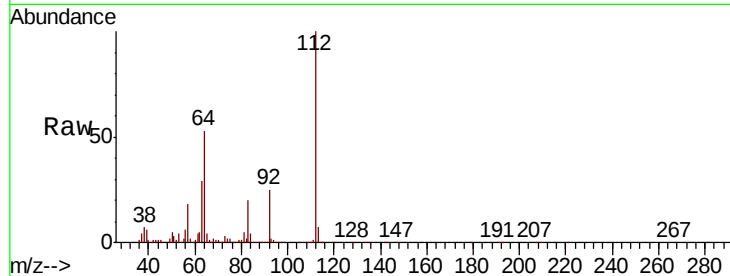
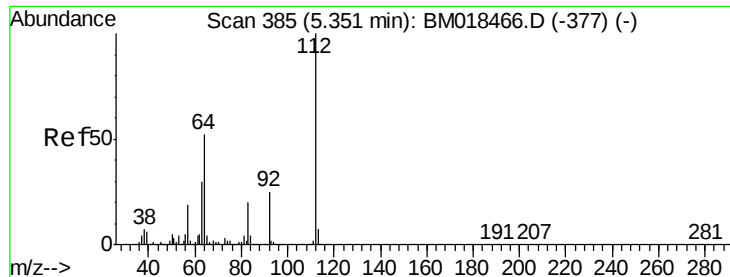
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#4
 n-Nitrosodimethylamine
 Concen: 37.920 ng
 RT: 3.60 min Scan# 88
 Delta R.T. -0.02 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Tgt Ion:	42	Resp:	492434
Ion	Ratio	Lower	Upper
42	100		
74	109.8	88.6	132.8
44	6.7	16.9	25.3





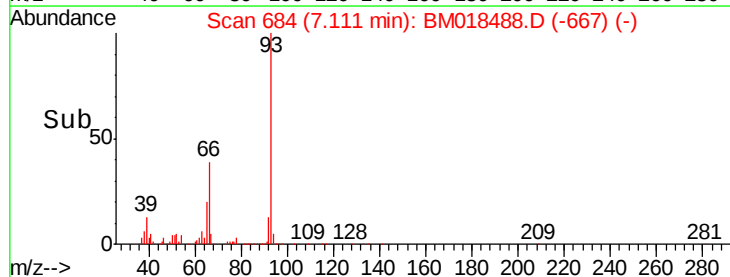
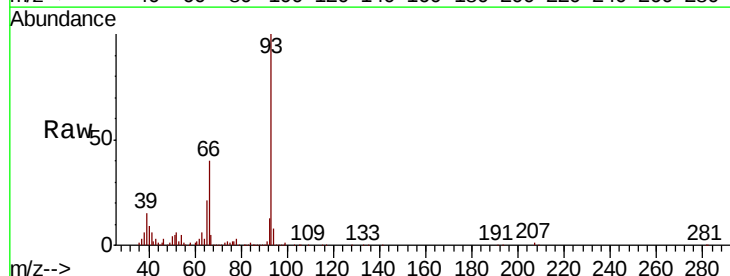
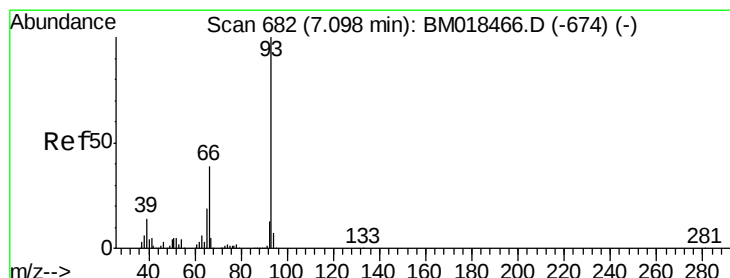
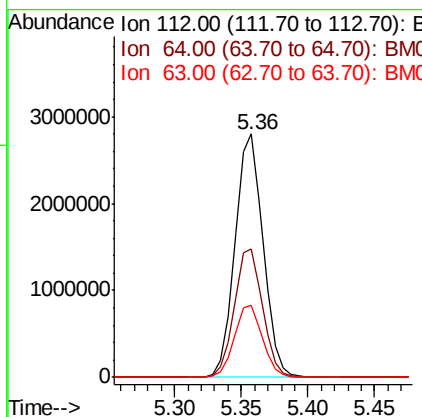
#5
2-Fluorophenol
Concen: 132.300 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tot Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.5	69.7
63	29.4	25.2	37.8

Instrument :
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ClientSampleId :
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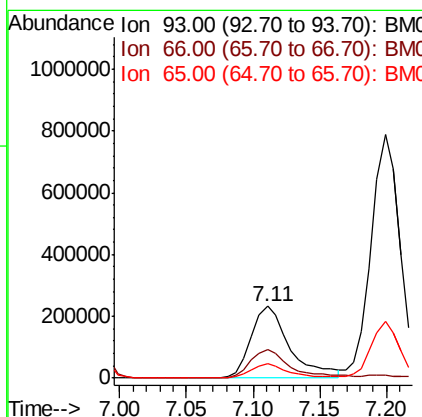
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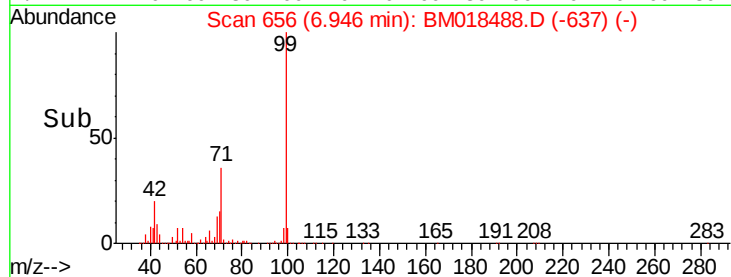
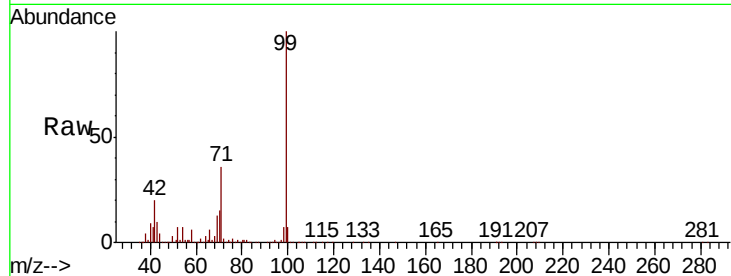
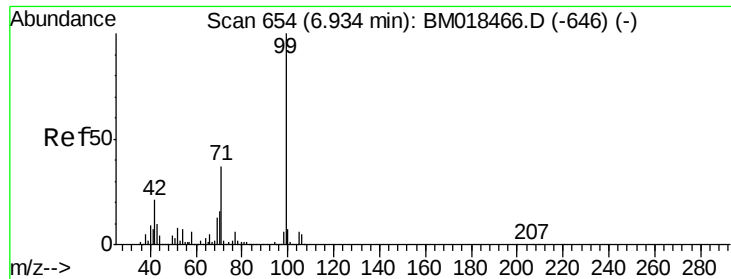
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#6
Aniline
Concen: 10.657 ng
RT: 7.11 min Scan# 684
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.7	47.5
65	20.7	15.9	23.9





#7

Phenol-d6

Concen: 138.047 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Tot Ion:	99	Resp:	5418901
Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	36.3	28.0	42.0

Instrument :

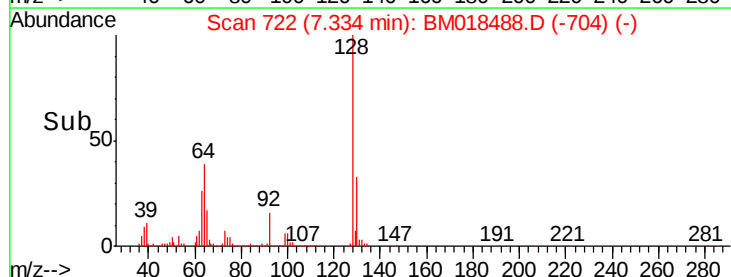
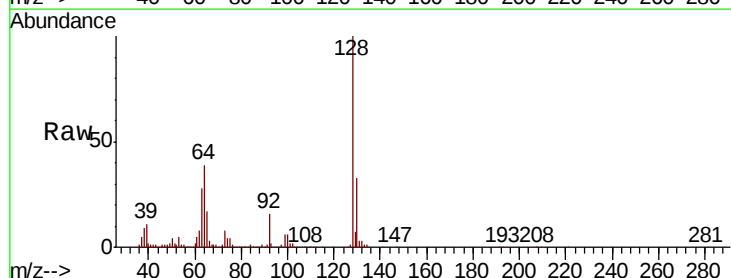
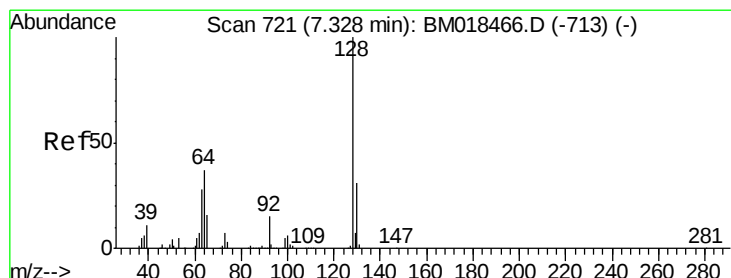
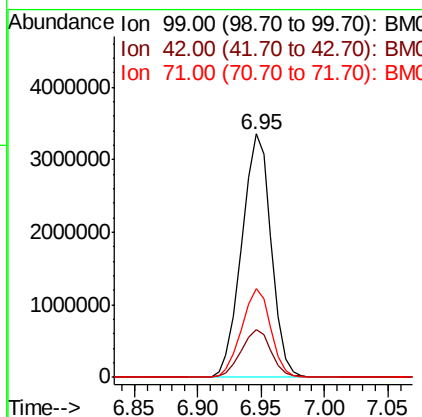
BNA_M

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#8

2-Chlorophenol

Concen: 41.176 ng

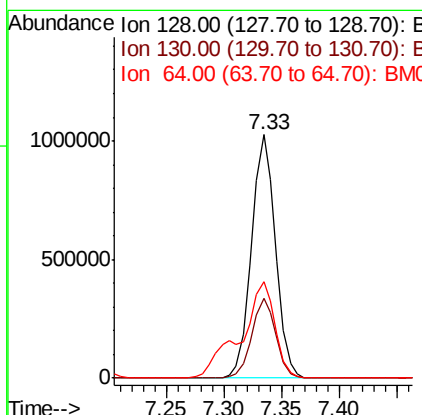
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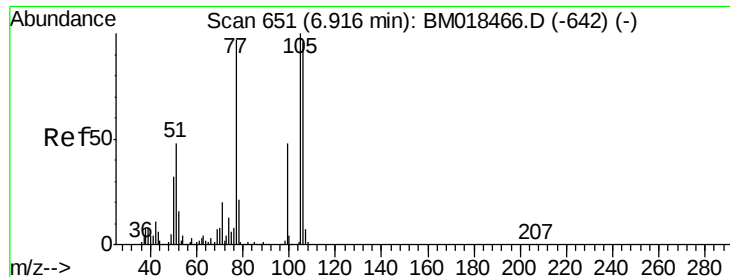
Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Tgt Ion:	128	Resp:	1486249
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.6	53.6
64	39.5	24.8	64.8





#9

Benzaldehyde

Concen: 17.085 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

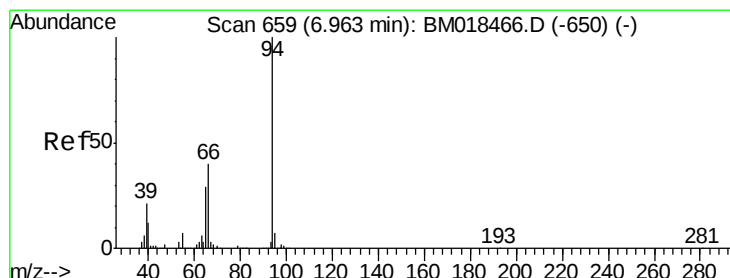
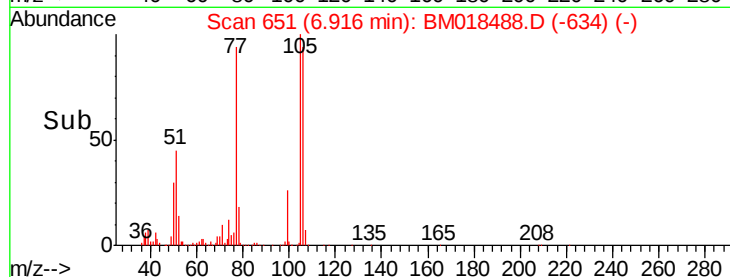
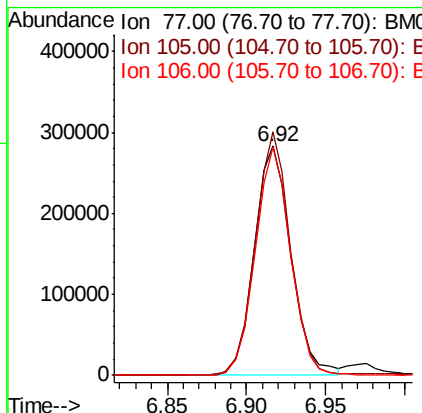
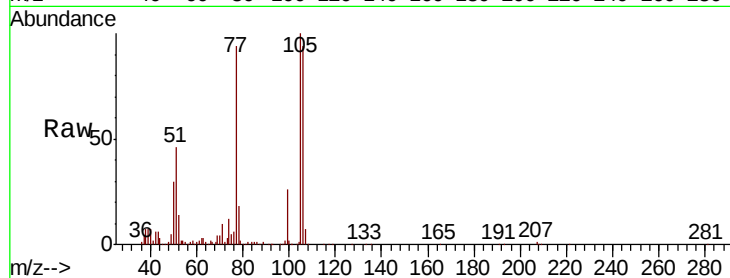
ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:	77	Resp:	450965
Ion Ratio	Lower	Upper	
77	100		
105	106.1	79.7	119.7
106	99.6	75.2	115.2

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#10

Phenol

Concen: 46.853 ng

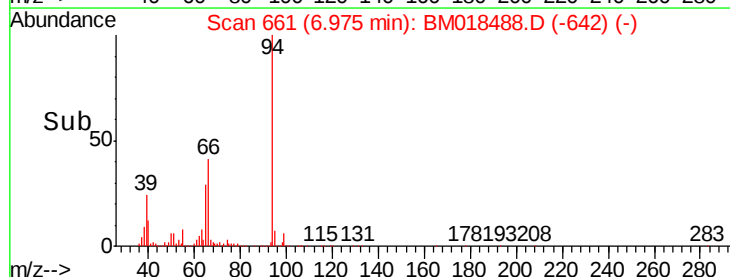
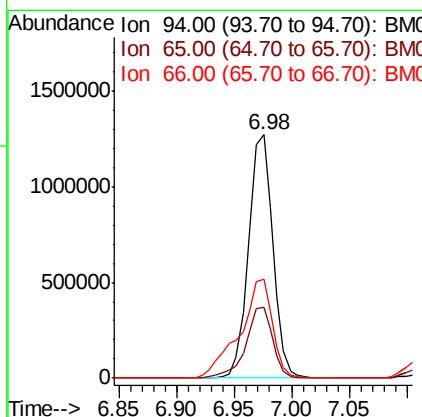
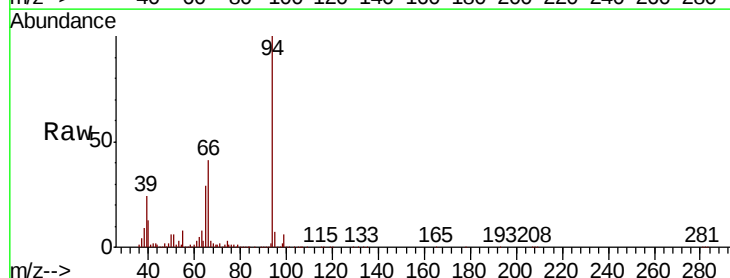
RT: 6.98 min Scan# 661

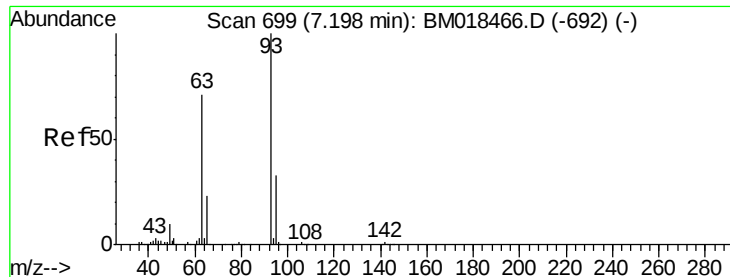
Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Tgt Ion:	94	Resp:	1868904
Ion Ratio	Lower	Upper	
94	100		
65	29.3	9.4	49.4
66	40.9	19.1	59.1





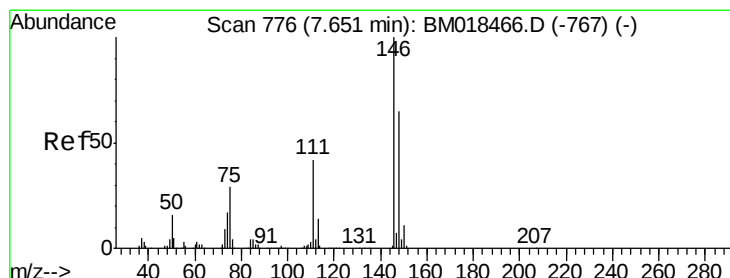
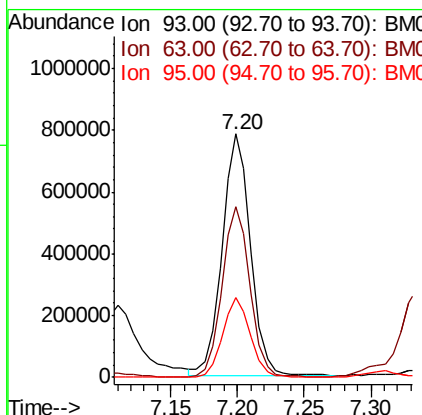
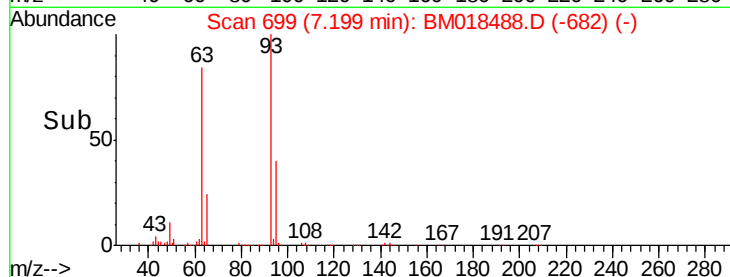
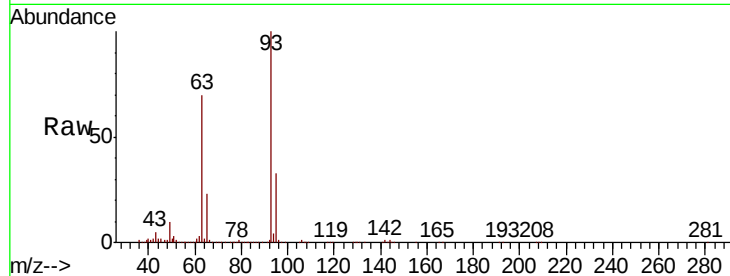
#11
bis(2-Chloroethyl)ether
Concen: 37.024 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampled :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	56.4	96.4
95	32.9	12.7	52.7

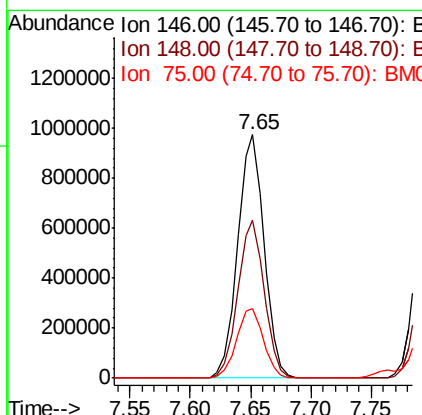
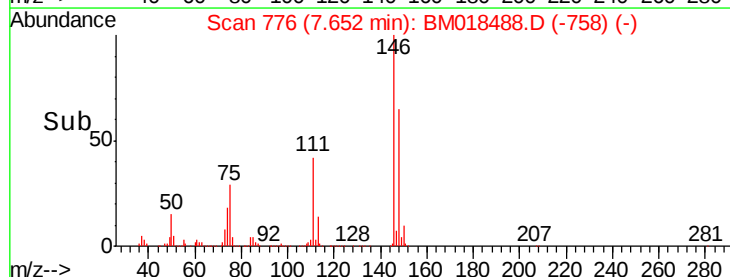
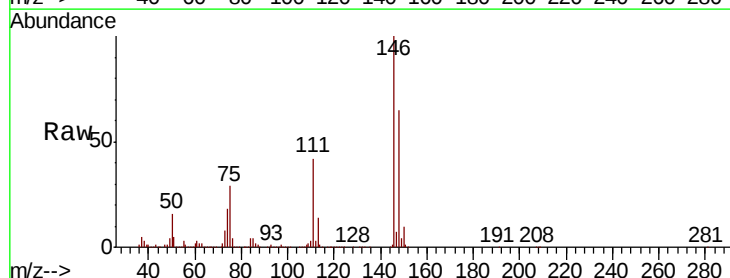
Manual Integrations
APPROVED

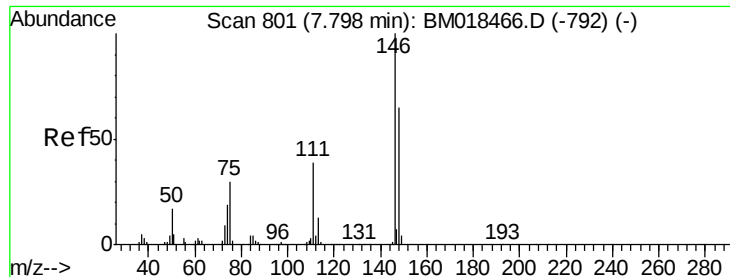
Sohil
1/10/2019 3:12:08 PM



#12
1,3-Dichlorobenzene
Concen: 34.587 ng
RT: 7.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.5	75.7
75	28.7	23.0	34.6





#13
 1,4-Dichlorobenzene
 Concen: 35.269 ng
 RT: 7.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

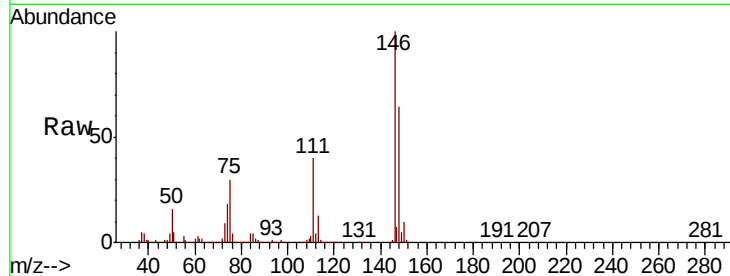
Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Tot Ion:146 Resp: 1536622

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	39.9	32.2	48.2

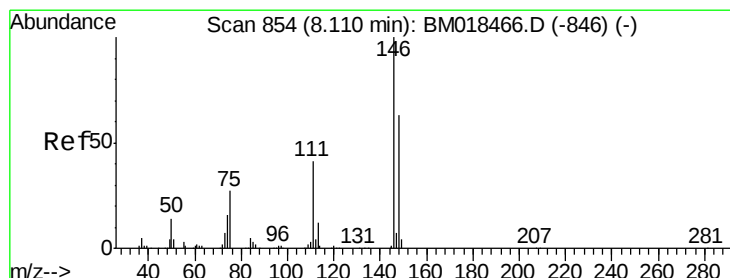
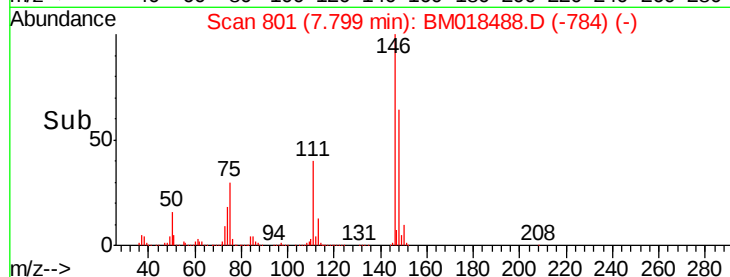
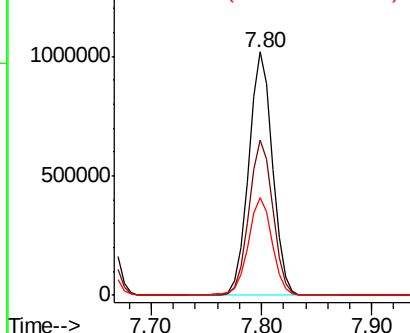
Manual Integrations
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Abundance

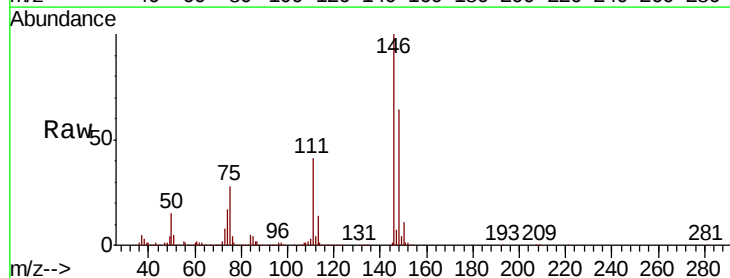
Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.311 ng
 RT: 8.12 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

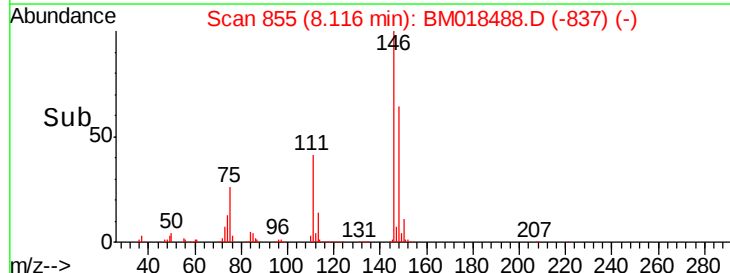
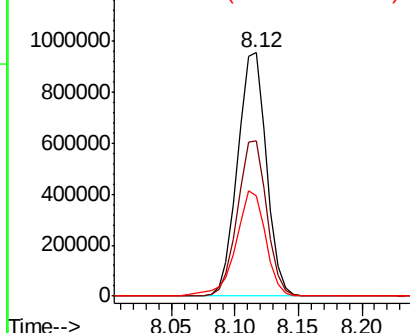
Tgt Ion:146 Resp: 1500109

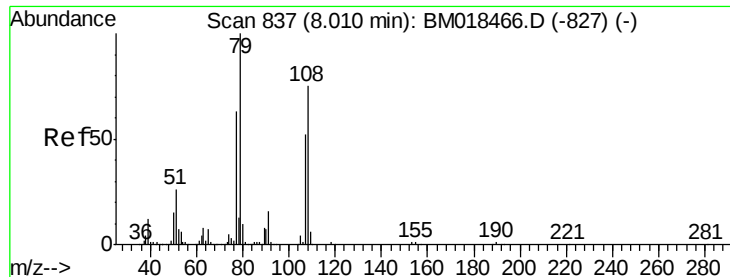
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	41.1	33.8	50.6



Abundance

Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.954 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion: 79 Resp: 1104399

Ion Ratio Lower Upper

79 100

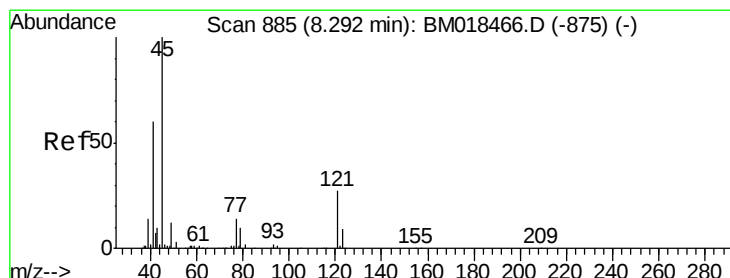
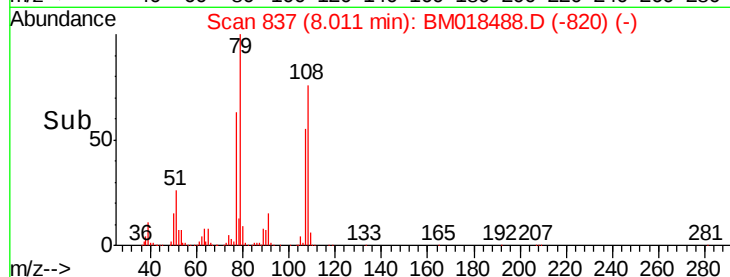
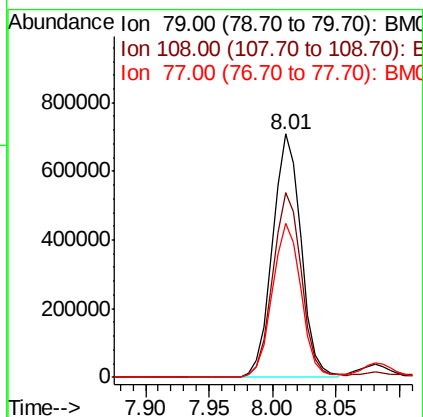
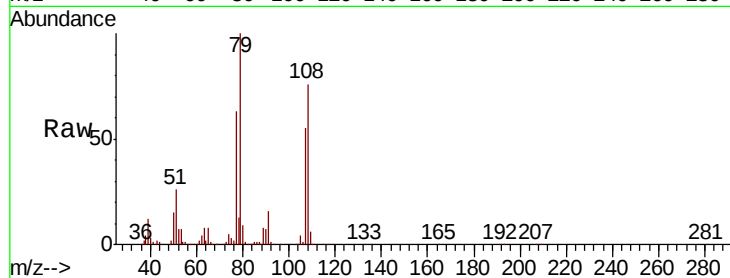
108 75.7 60.4 90.6

77 63.2 53.4 80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.760 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

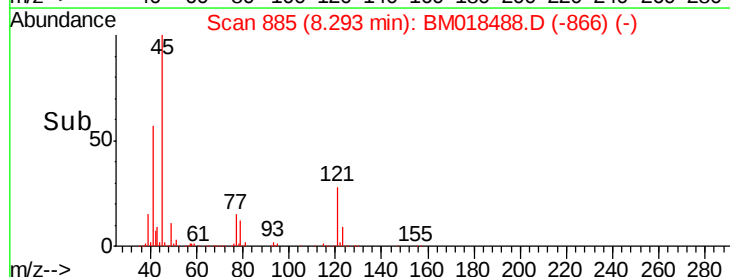
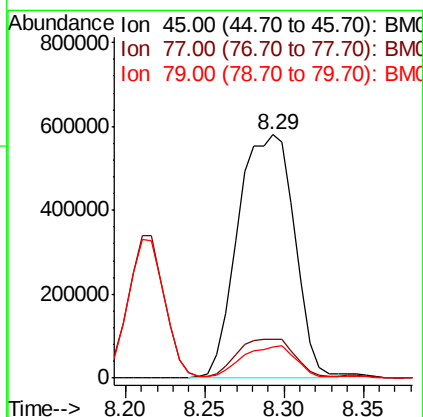
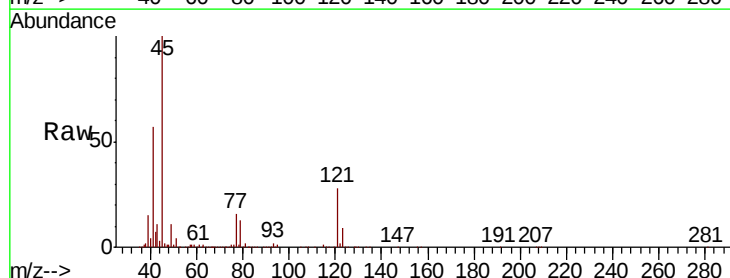
Tgt Ion: 45 Resp: 1432317

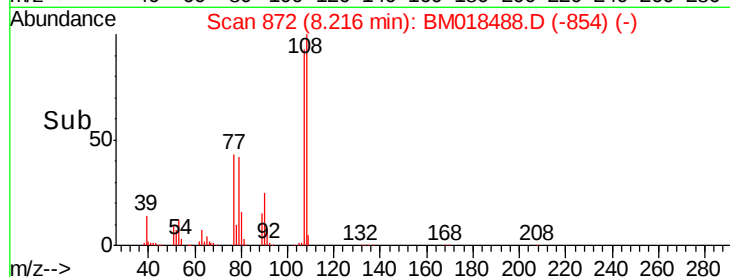
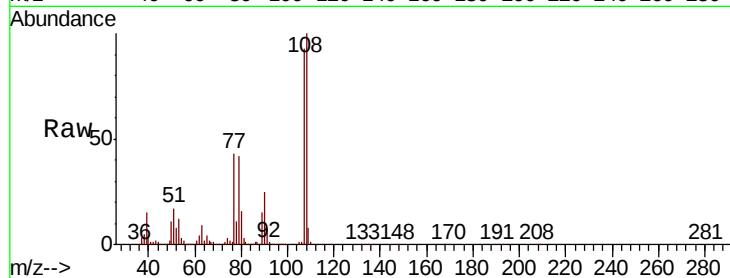
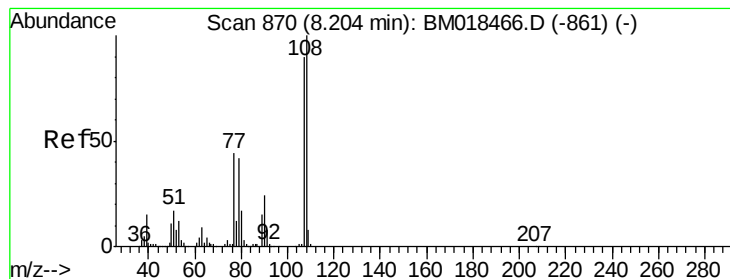
Ion Ratio Lower Upper

45 100

77 16.1 0.0 33.4

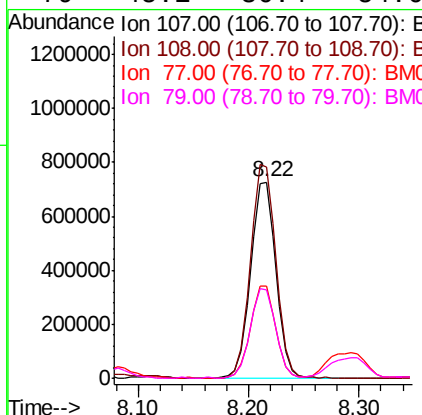
79 12.9 0.0 31.1





#17
2-Methylphenol
Concen: 43.326 ng
RT: 8.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

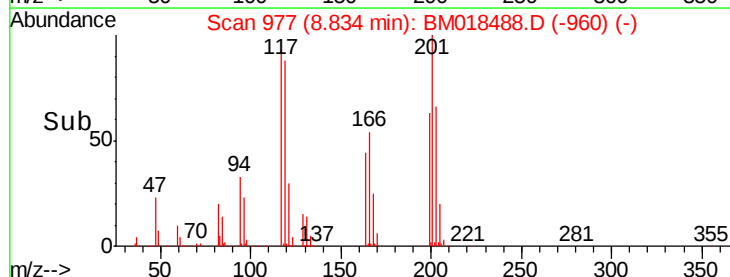
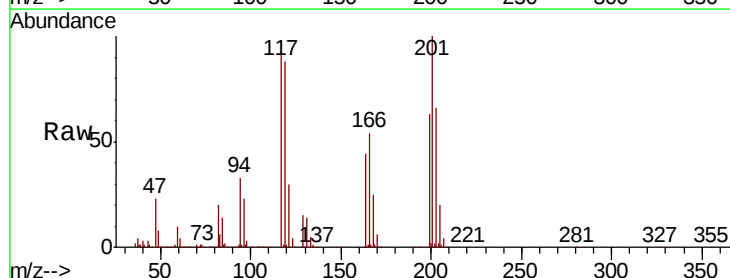
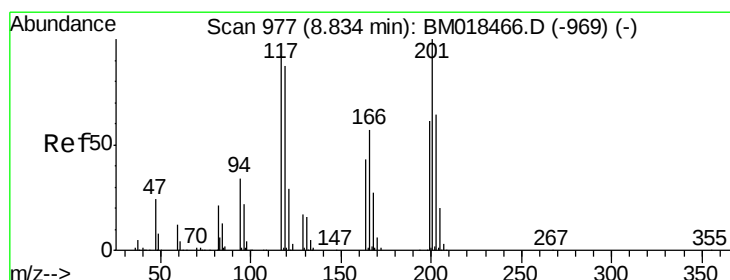
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.5	87.5	131.3
77	46.8	37.3	55.9
79	45.1	36.4	54.6



Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

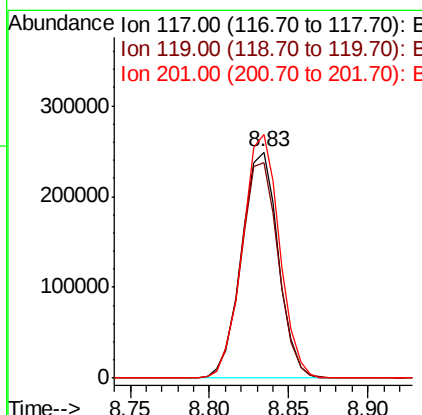
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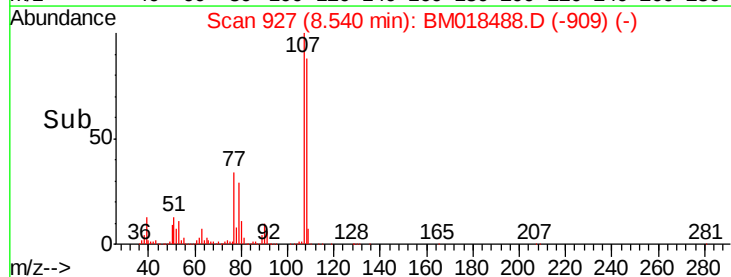
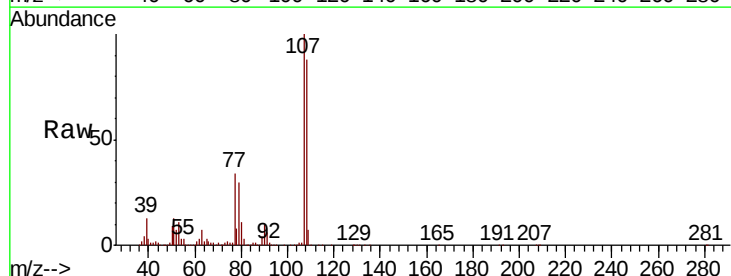
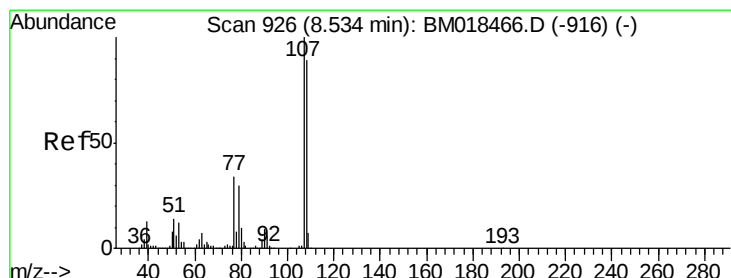
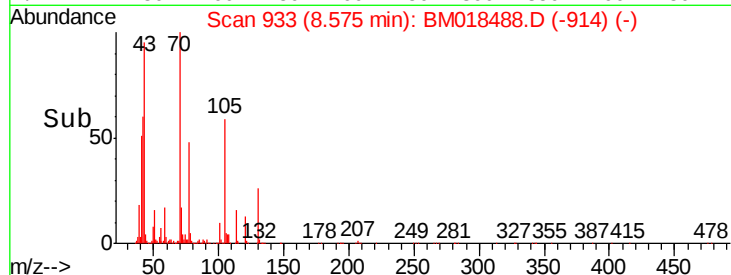
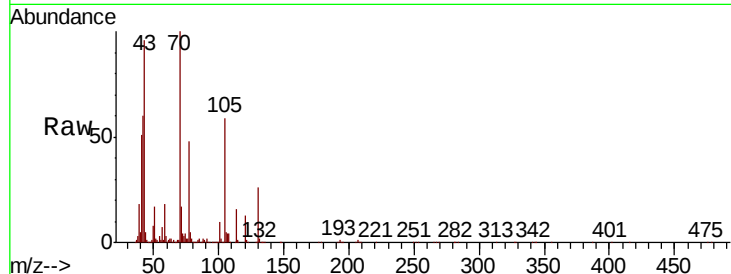
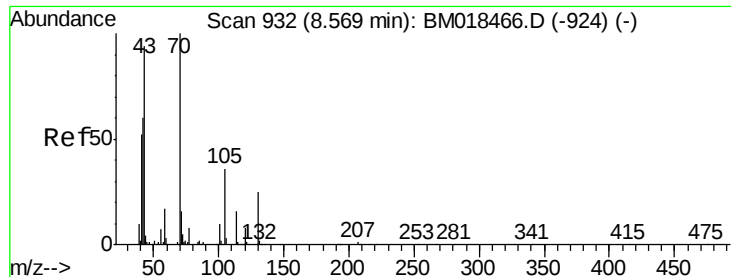
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#18
Hexachloroethane
Concen: 25.856 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.3	117.5
201	107.8	81.4	122.0





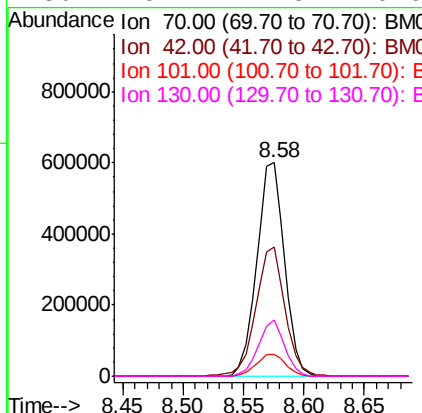
#19
n-Nitroso-di-n-propylamine
Concen: 37.418 ng
RT: 8.58 min Scan# 933
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	54.0	81.0
101	10.2	8.1	12.1
130	26.2	17.8	26.6

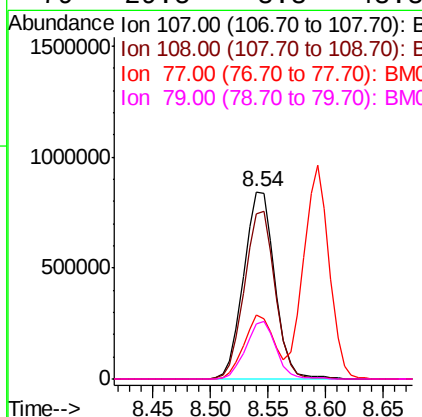
Manual Integrations
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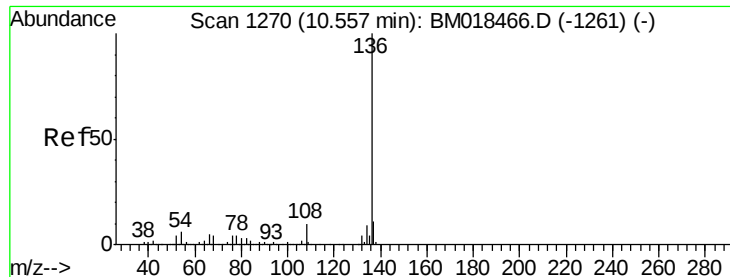
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#20
3+4-Methylphenols
Concen: 42.283 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	66.8	106.8
77	34.2	13.3	53.3
79	29.5	8.8	48.8





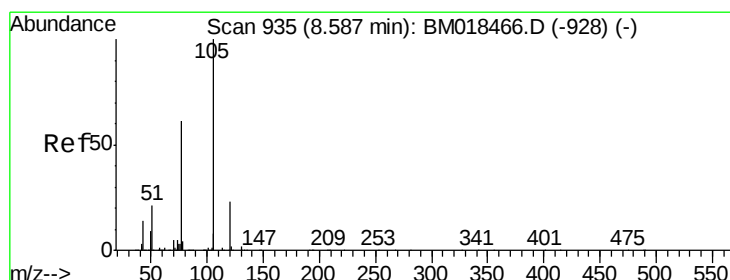
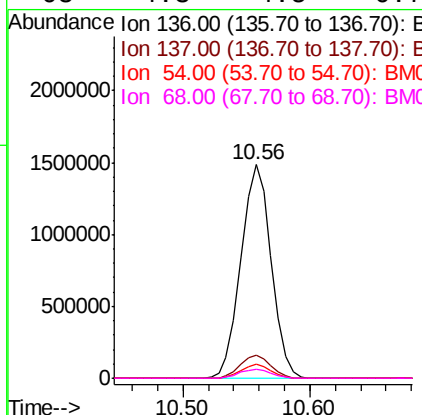
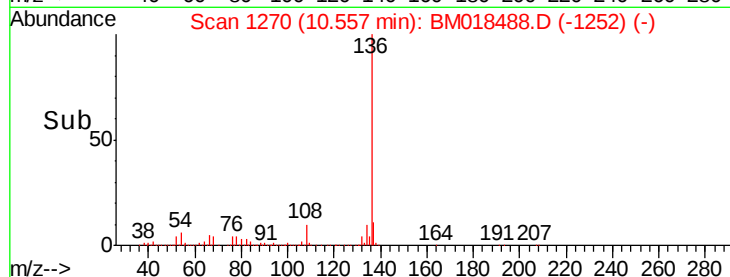
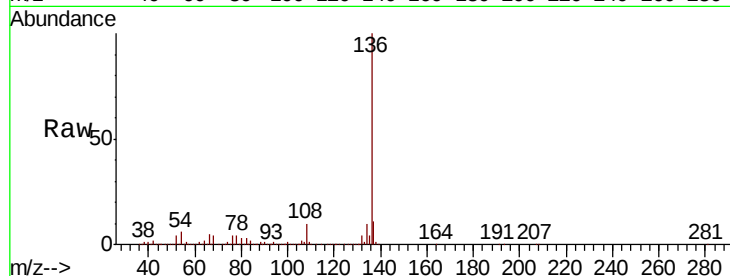
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	136	Resp	2464477
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.5	6.0	9.0
68	4.3	4.5	6.7#

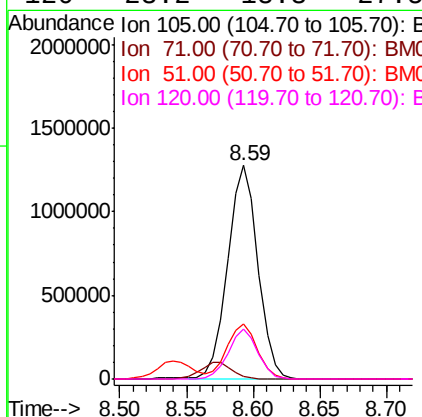
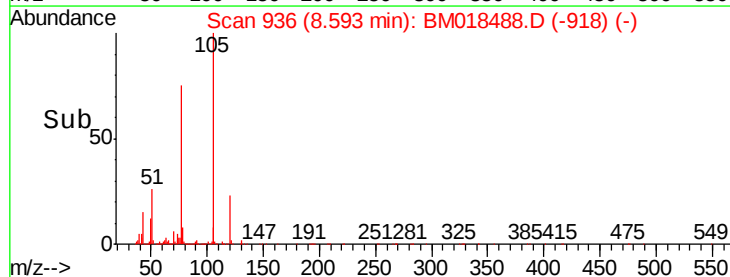
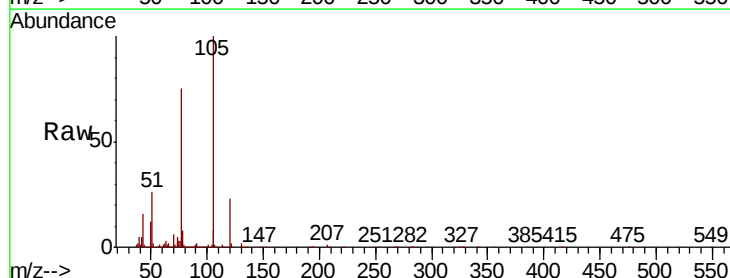
Manual Integrations
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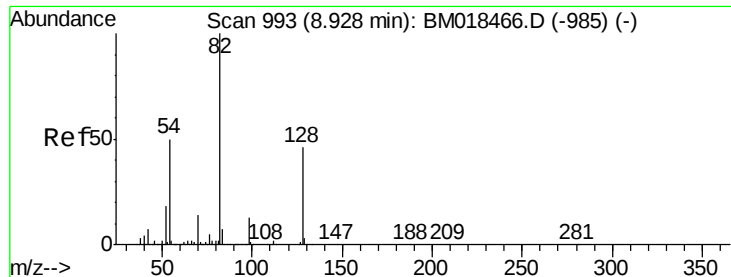
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#22
Acetophenone
Concen: 32.899 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	105	Resp	2005674
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.7	2.5#
51	25.9	22.6	34.0
120	23.2	18.3	27.5





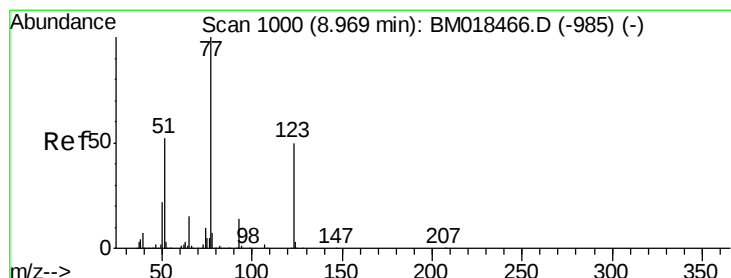
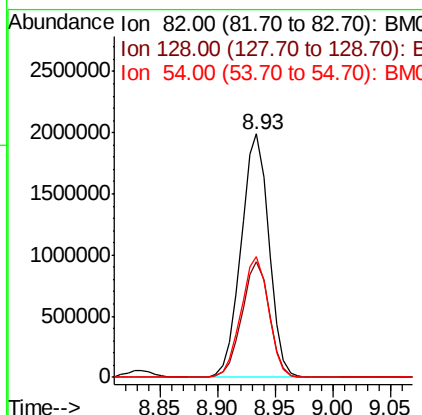
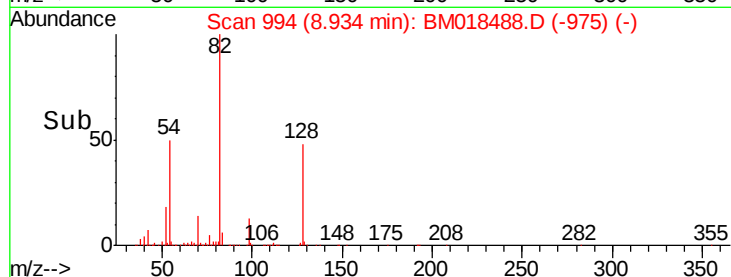
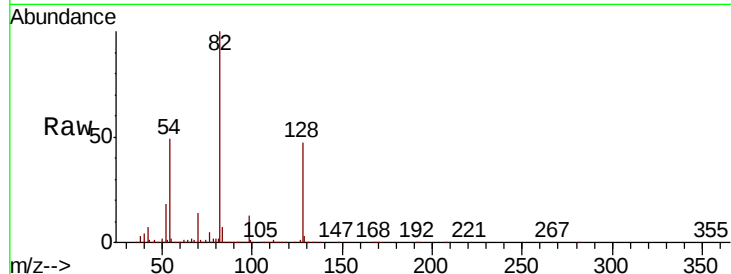
#23
Nitrobenzene-d5
Concen: 78.116 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion: 82 Resp: 3320897
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 49.4 41.7 62.5

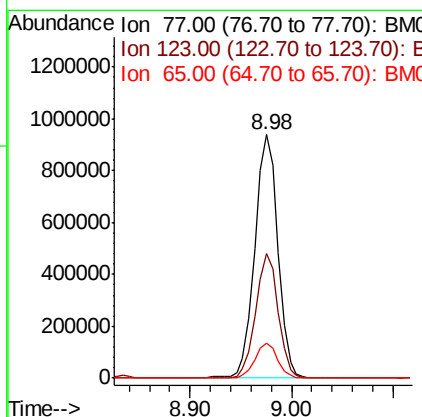
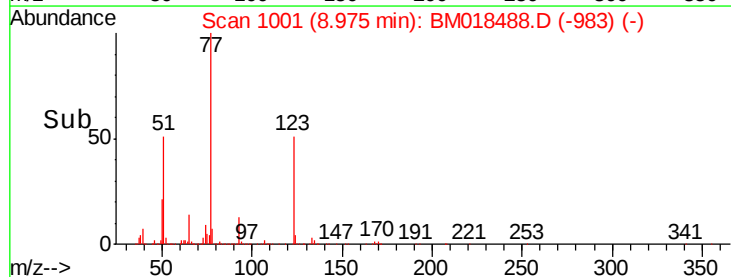
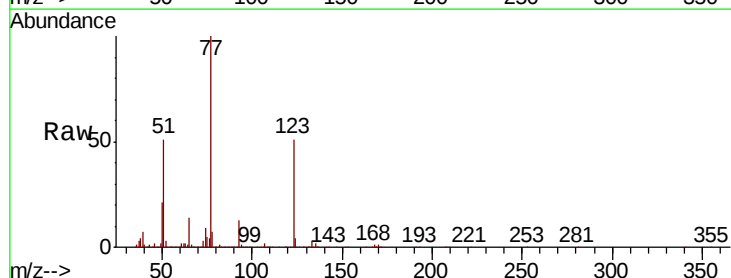
Manual Integrations
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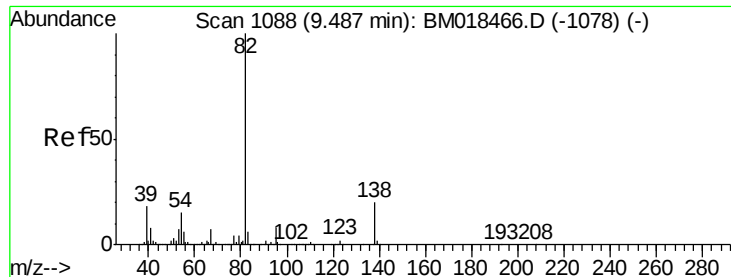
Sohil
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#24
Nitrobenzene
Concen: 35.344 ng
RT: 8.98 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion: 77 Resp: 1478410
Ion Ratio Lower Upper
77 100
123 51.0 37.7 56.5
65 14.1 11.0 16.6





#25

Isophorone

Concen: 41.023 ng

RT: 9.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion: 82 Resp: 2640856

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

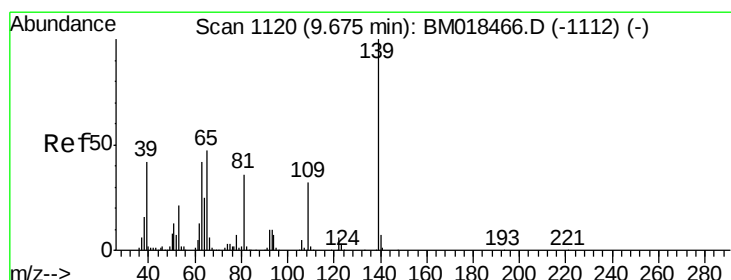
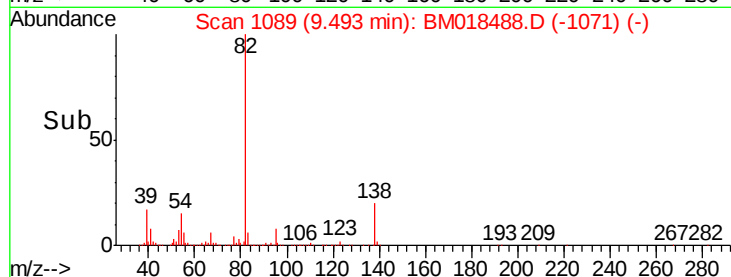
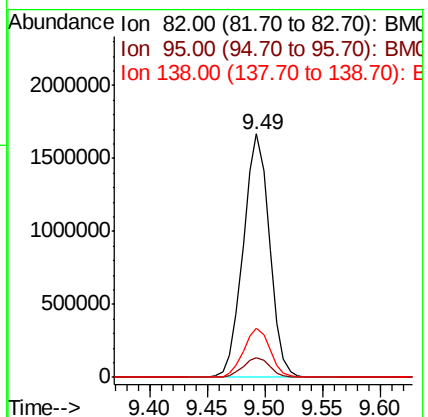
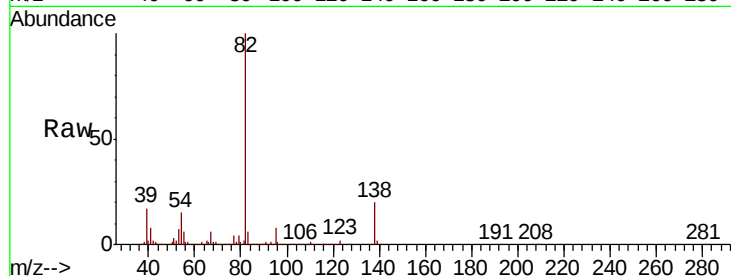
138 20.2 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 39.916 ng

RT: 9.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

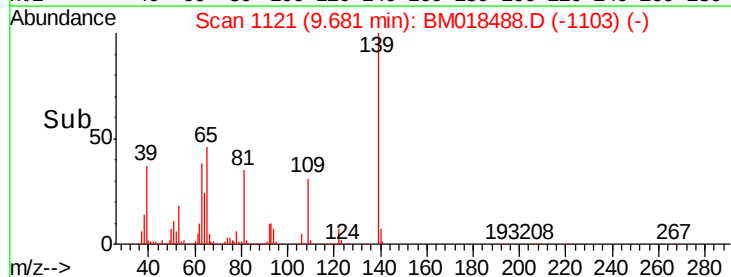
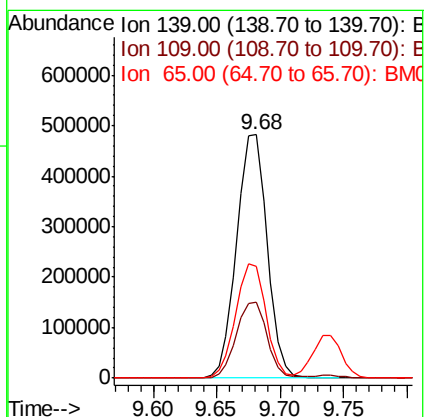
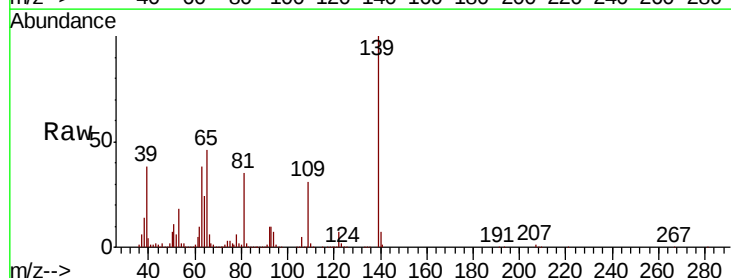
Tgt Ion: 139 Resp: 807333

Ion Ratio Lower Upper

139 100

109 31.0 23.4 35.2

65 45.7 39.4 59.2





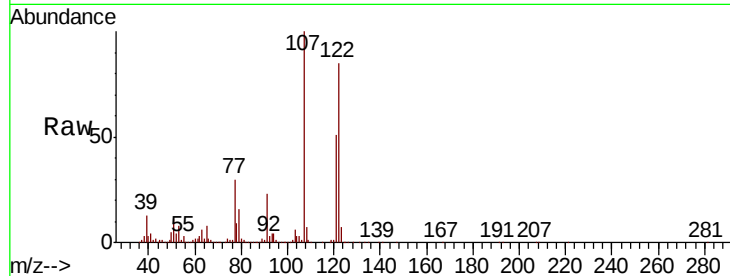
#27
2,4-Dimethylphenol
Concen: 43.923 ng
RT: 9.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	91.9	137.9
121	60.1	47.5	71.3

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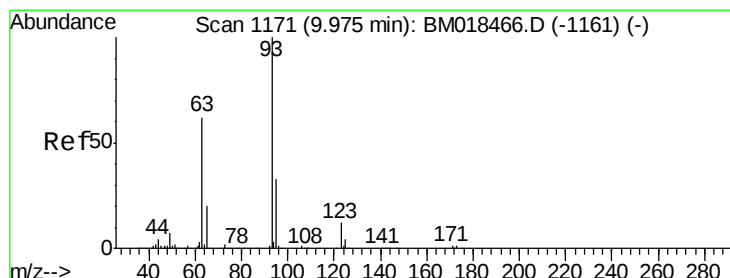
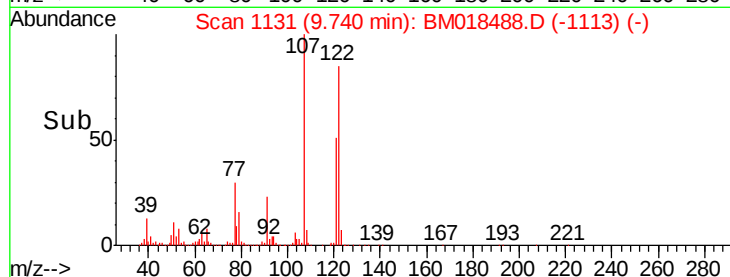
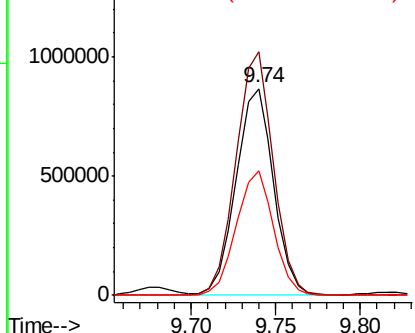


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.356 ng
RT: 9.98 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

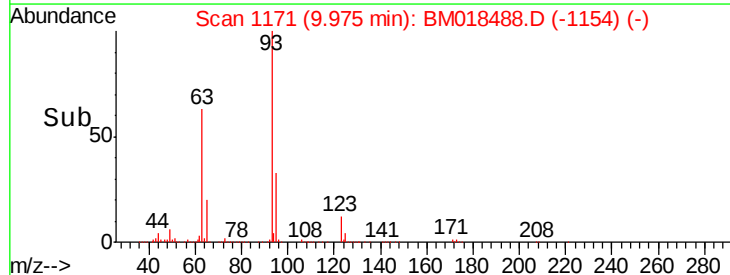
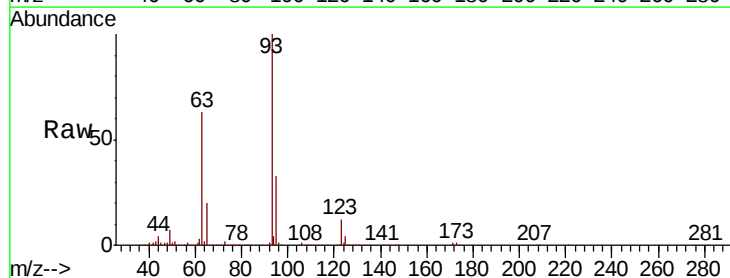
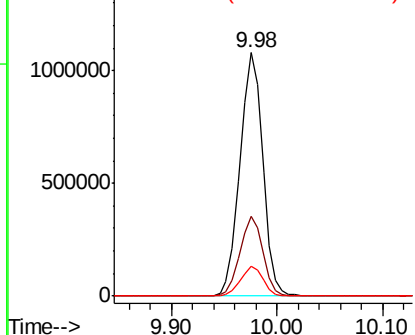
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	39.8
123	12.5	9.9	14.9

Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





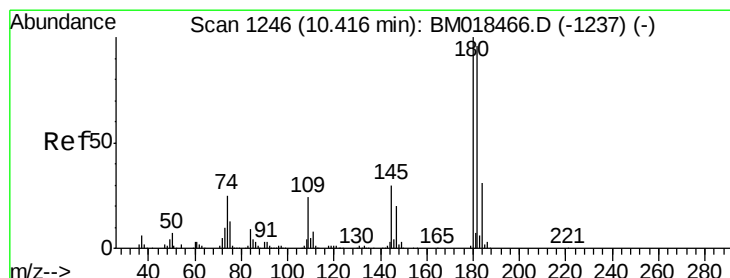
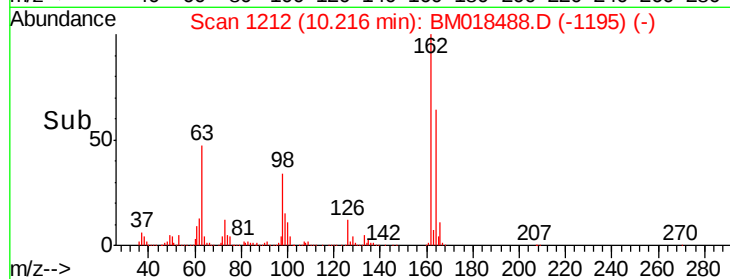
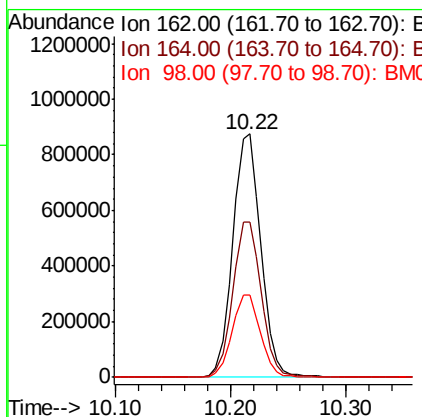
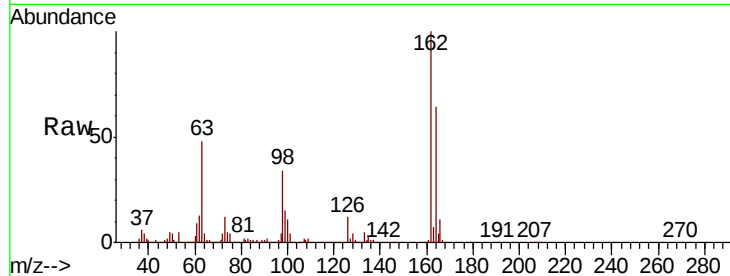
#29
2,4-Dichlorophenol
Concen: 40.838 ng
RT: 10.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
164	63.7	45.6	85.6	
98	33.7	14.7	54.7	

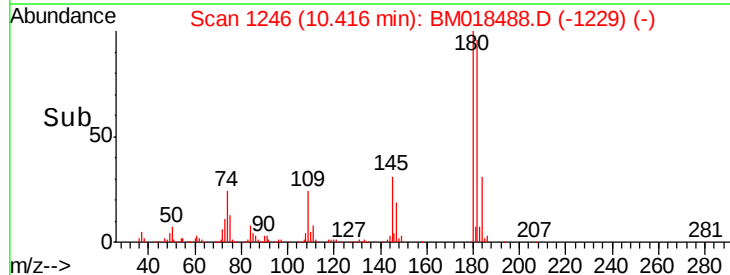
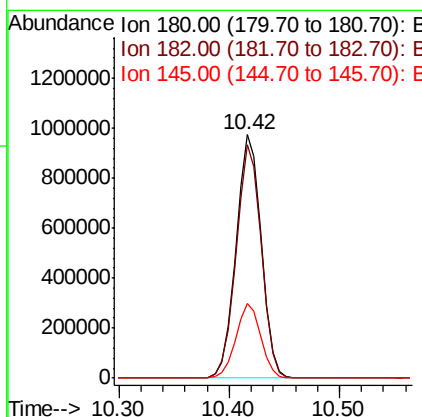
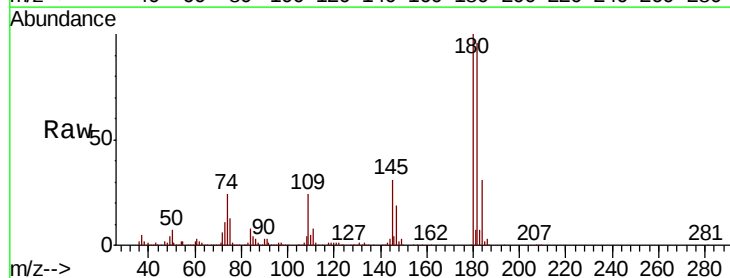
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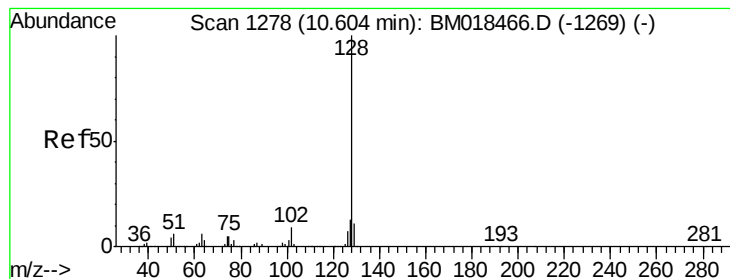
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#30
1,2,4-Trichlorobenzene
Concen: 34.801 ng
RT: 10.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ion	Ratio	Lower	Upper
180	100			
182	95.7	77.4	116.2	
145	30.9	24.6	37.0	





#31

Naphthalene

Concen: 38.254 ng

RT: 10.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampled :

SUP-3B-C-1-010819MS

Tot Ion:128 Resp: 4540410

Ion Ratio Lower Upper

128 100

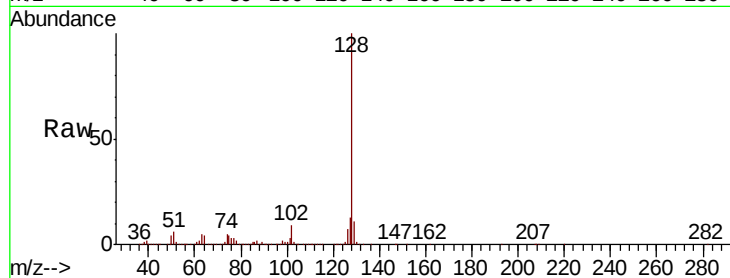
129 11.2 8.7 13.1

127 13.3 10.8 16.2

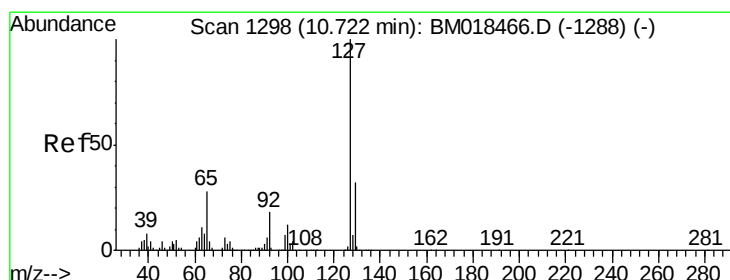
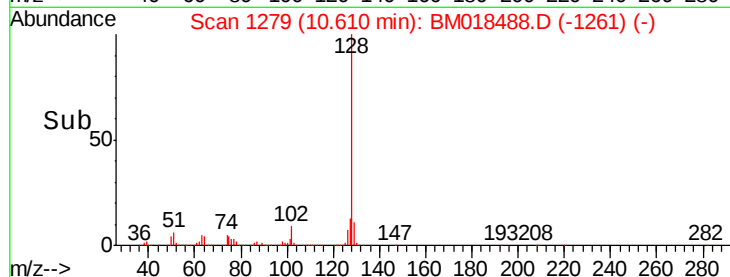
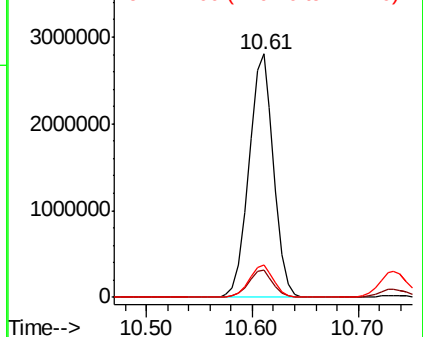
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 12.751 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Tgt Ion:127 Resp: 596041

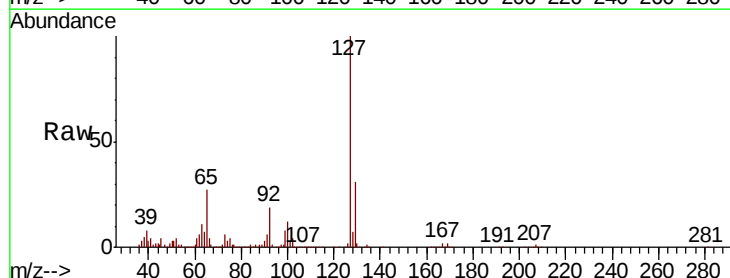
Ion Ratio Lower Upper

127 100

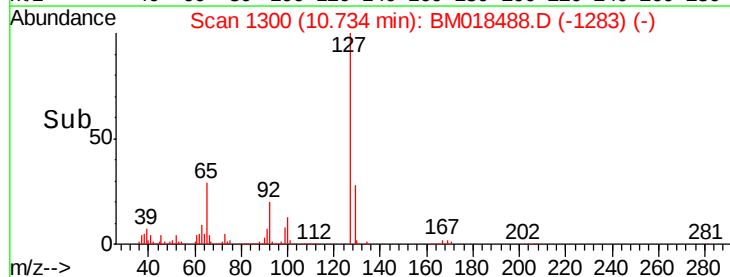
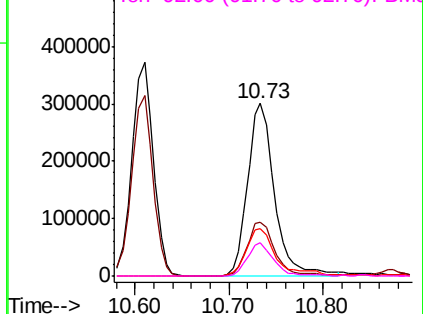
129 31.3 25.9 38.9

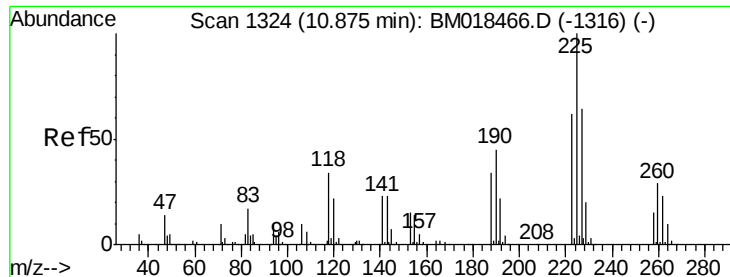
65 27.3 23.4 35.2

92 19.0 14.5 21.7



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0





#34

Hexachlorobutadiene

Concen: 32.252 ng

RT: 10.88 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

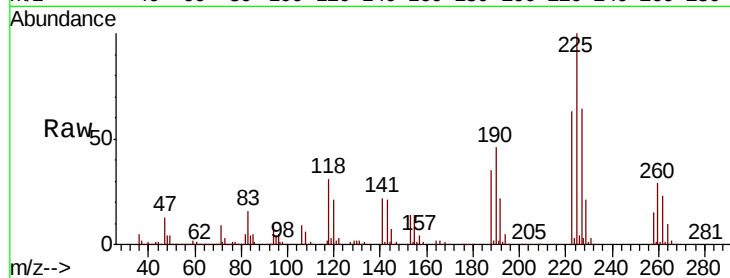
ClientSampleId :

SUP-3B-C-1-010819MS

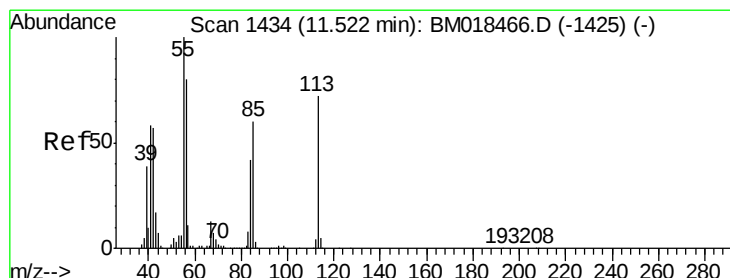
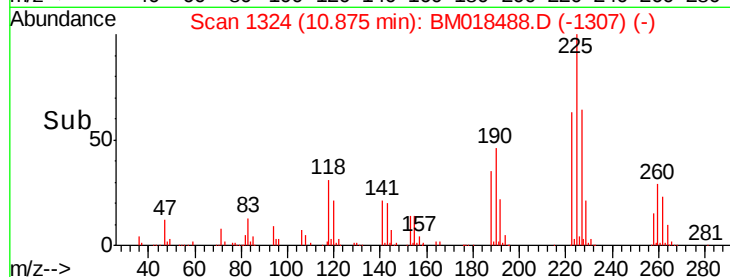
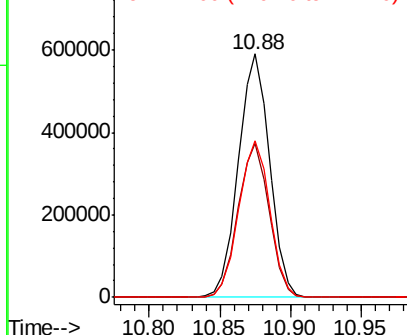
Tot Ion:	225	Resp:	912966
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.8	76.2
227	64.4	50.4	75.6

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 35.986 ng m

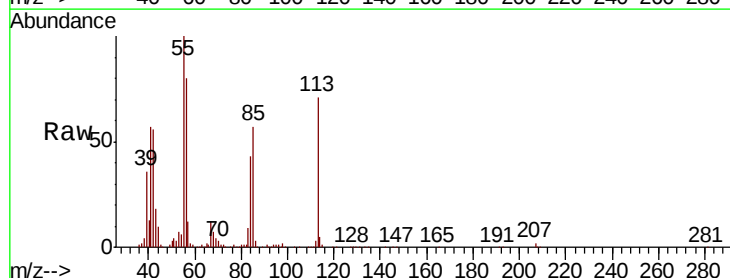
RT: 11.54 min Scan# 1437

Delta R.T. -0.01 min

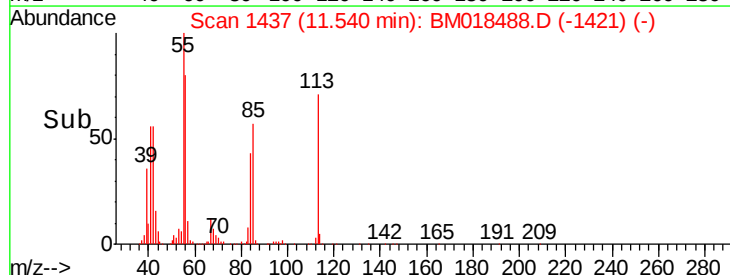
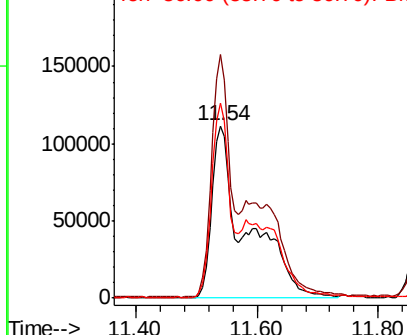
Lab File: BM018488.D

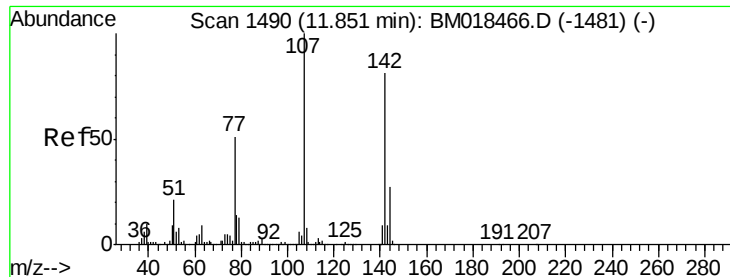
Acq: 10 Jan 2019 00:19

Tgt Ion:	113	Resp:	441671
Ion Ratio	Lower	Upper	
113	100		
55	141.1	139.3	179.3
56	113.2	101.4	141.4



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0





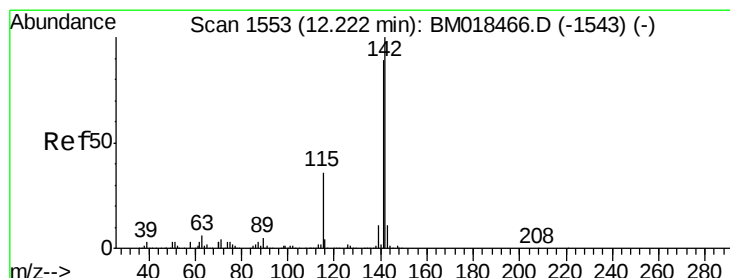
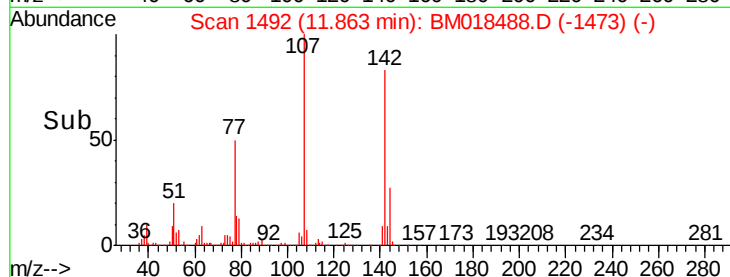
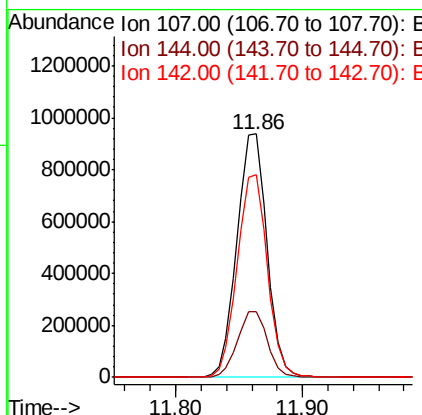
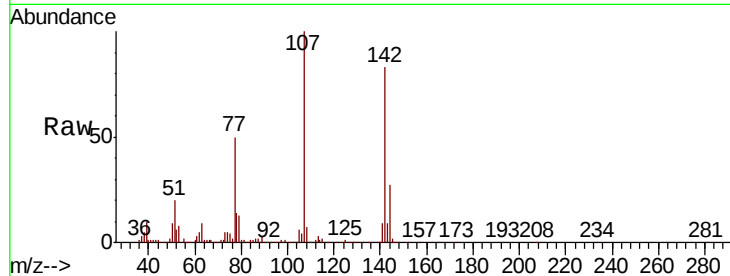
#36
4-Chloro-3-methylphenol
Concen: 40.811 ng
RT: 11.86 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion:107 Resp: 1545640
Ion Ratio Lower Upper
107 100
144 26.9 21.9 32.9
142 83.2 67.9 101.9

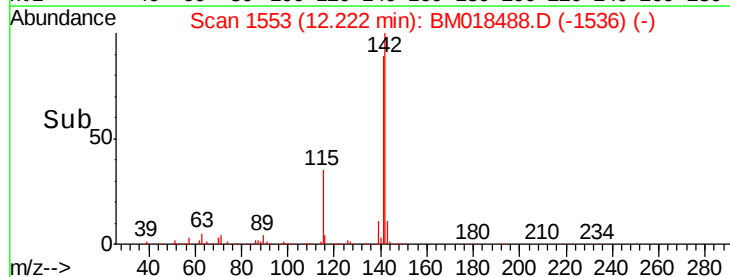
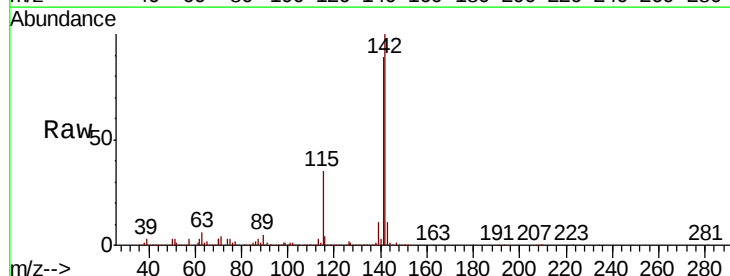
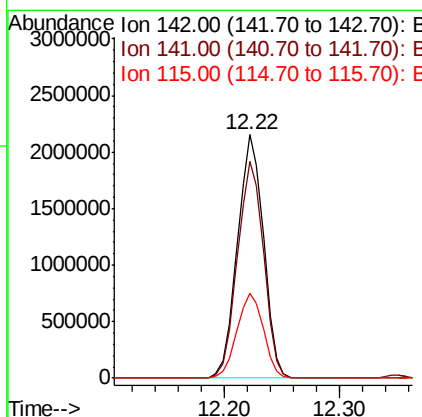
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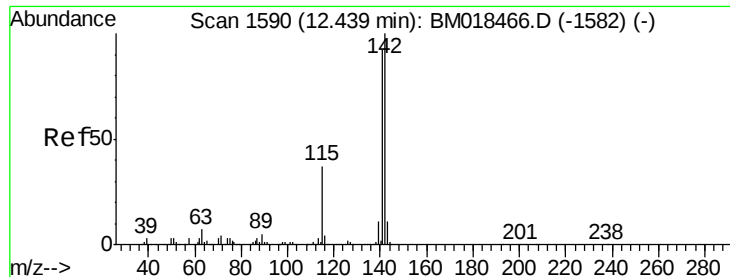
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#37
2-Methylnaphthalene
Concen: 39.985 ng
RT: 12.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion:142 Resp: 3353118
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 35.1 28.0 42.0





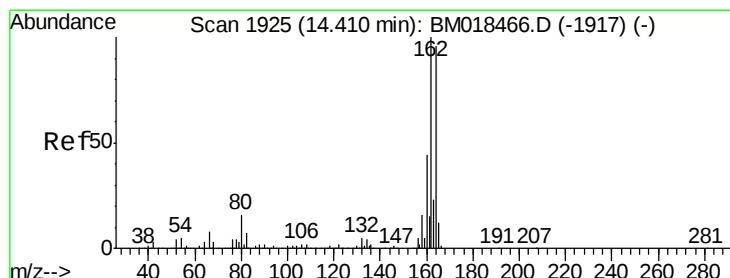
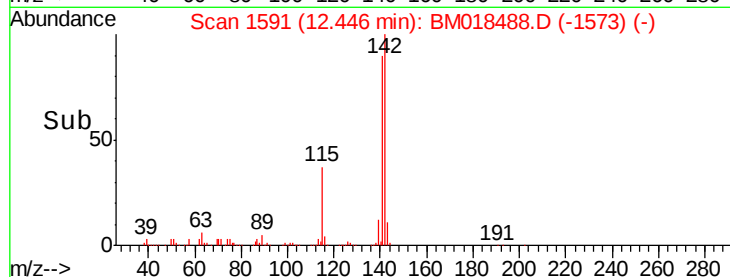
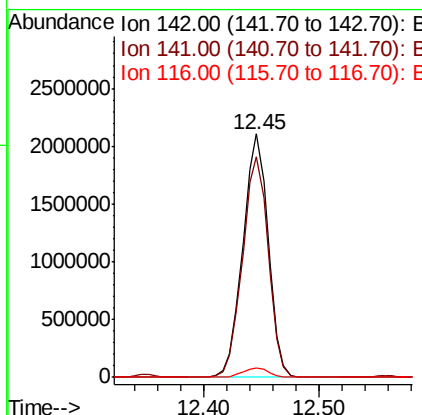
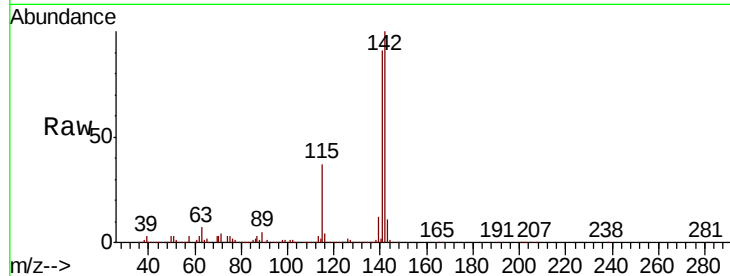
#38
 1-Methylnaphthalene
 Concen: 39.502 ng
 RT: 12.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.6	113.4
116	3.7	3.0	4.6

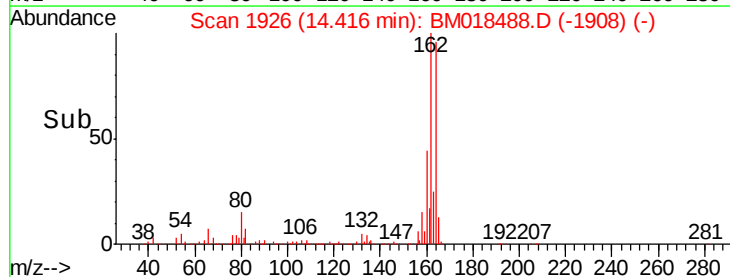
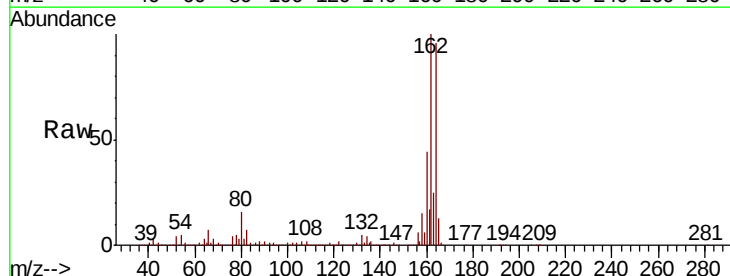
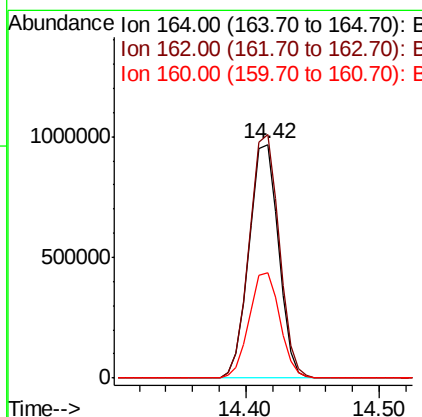
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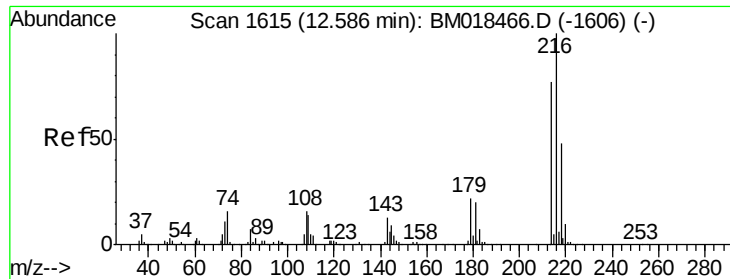
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	45.4	37.1	55.7





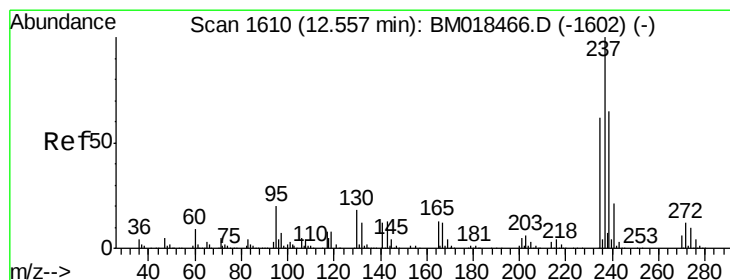
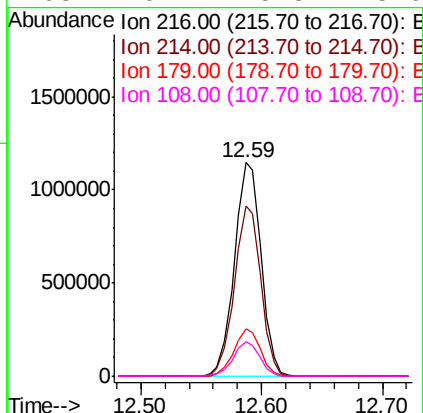
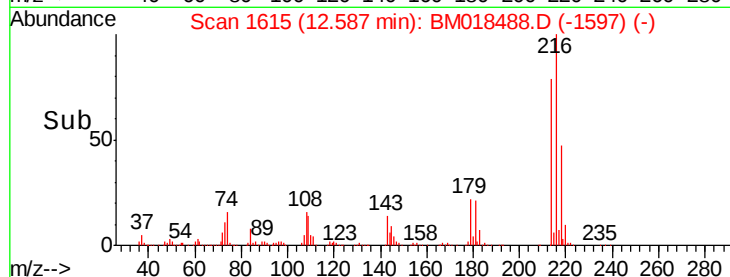
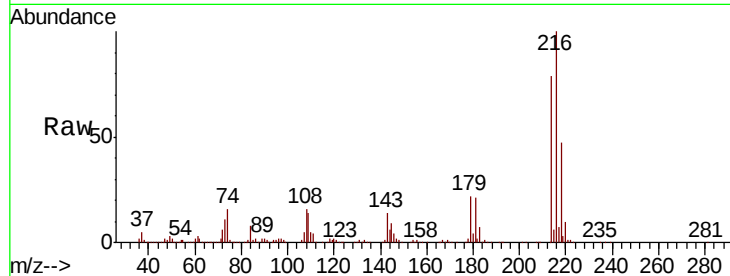
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.342 ng
RT: 12.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	21.8	17.9	26.9
108	16.2	15.8	23.6

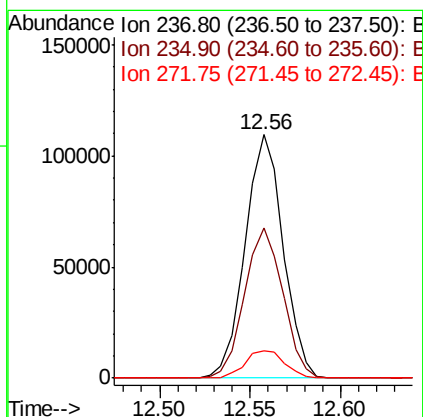
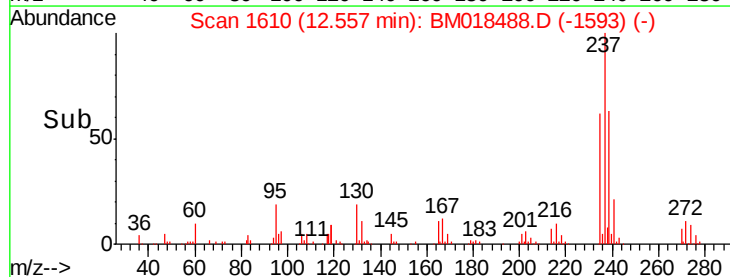
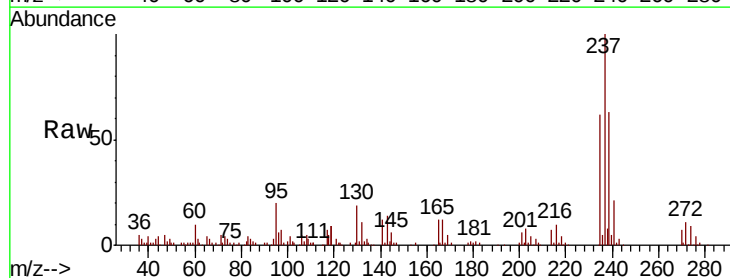
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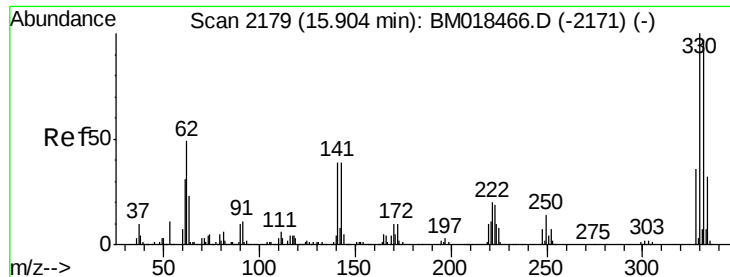
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#41
Hexachlorocyclopentadiene
Concen: 5.676 ng
RT: 12.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.8	82.8
272	11.4	0.0	31.9





#42

2,4,6-Tribromophenol

Concen: 133.647 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:330 Resp: 2496745

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

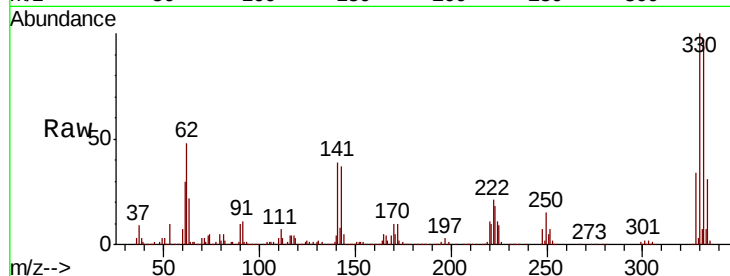
141 38.1 31.7 47.5

Manual Integrations

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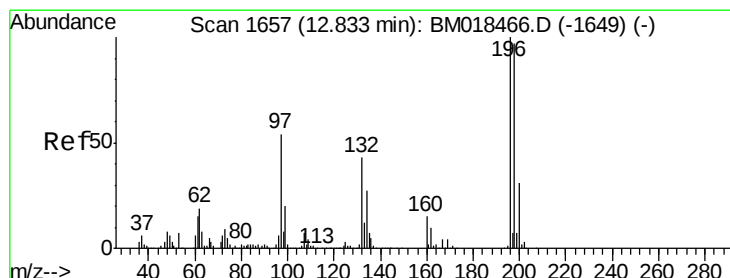
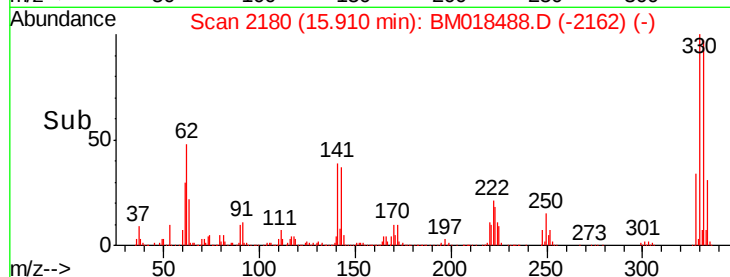
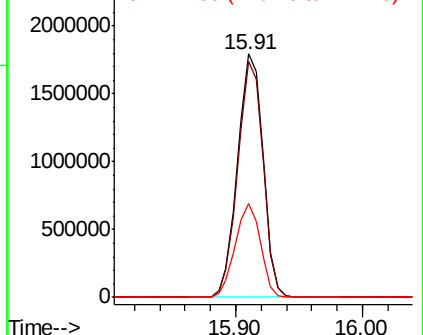


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 40.118 ng

RT: 12.84 min Scan# 1658

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

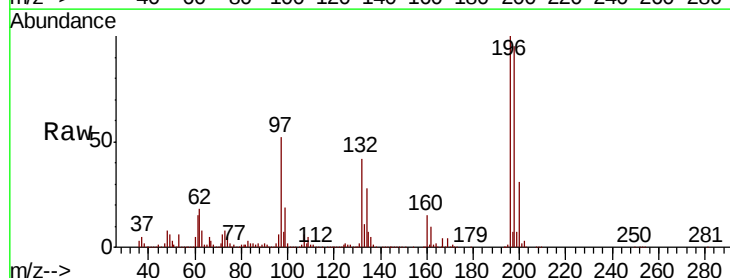
Tgt Ion:196 Resp: 1249945

Ion Ratio Lower Upper

196 100

198 95.0 76.6 115.0

200 31.0 24.2 36.4

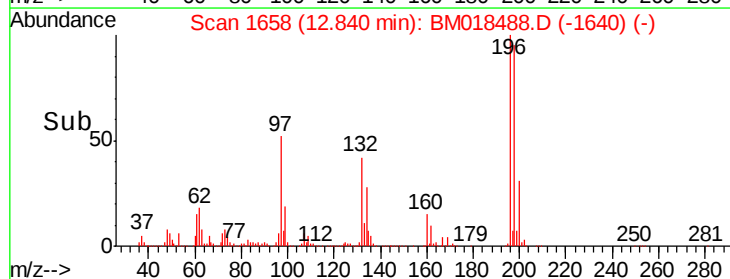
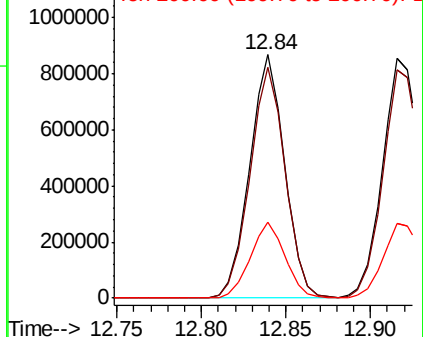


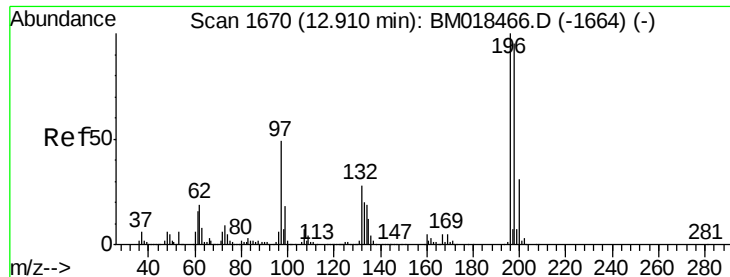
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





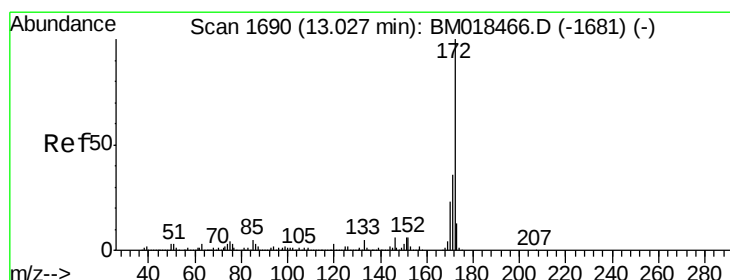
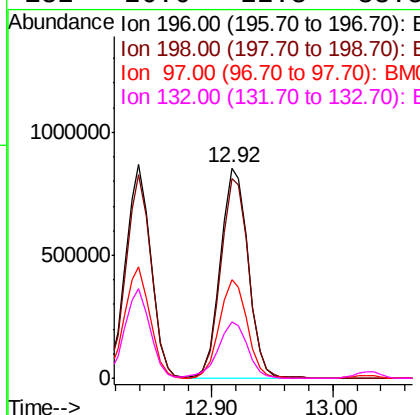
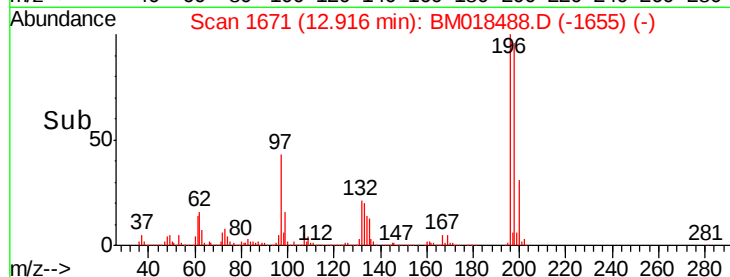
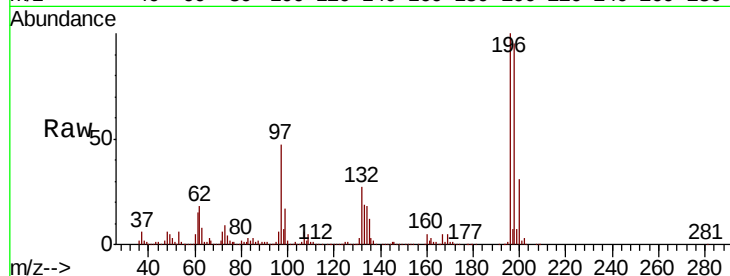
#44
2,4,5-Trichlorophenol
Concen: 41.084 ng
RT: 12.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampled :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.7	115.1
97	47.2	39.2	58.8
132	26.6	22.3	33.5

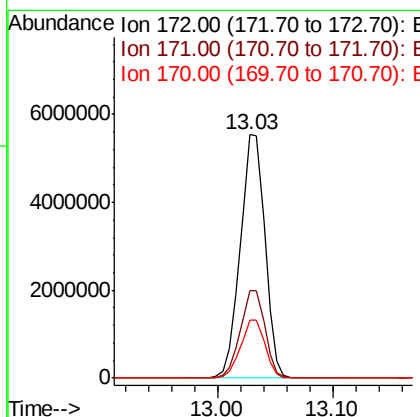
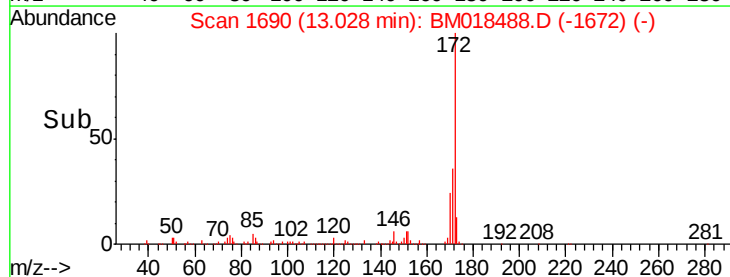
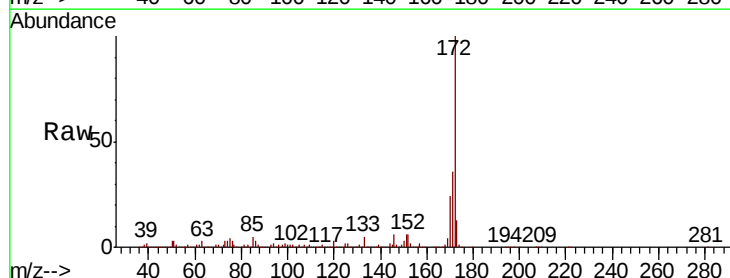
Manual Integrations
APPROVED

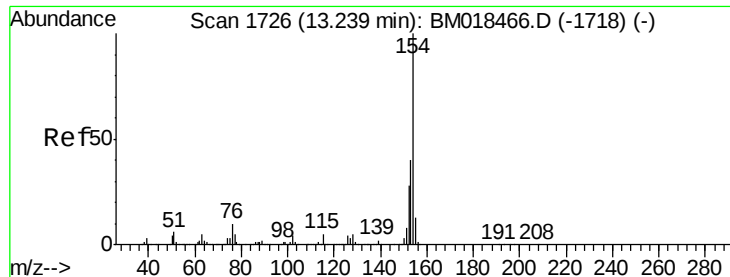
Sohil
1/10/2019 3:12:08 PM



#45
2-Fluorobiphenyl
Concen: 73.124 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.9	18.9	28.3





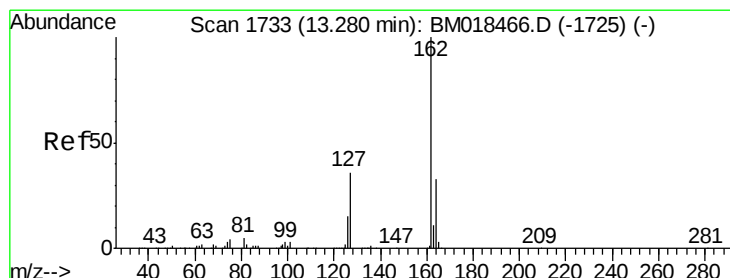
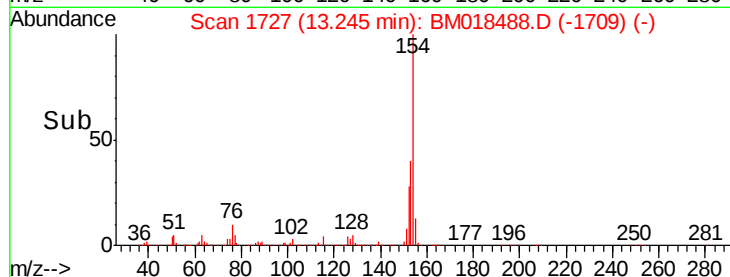
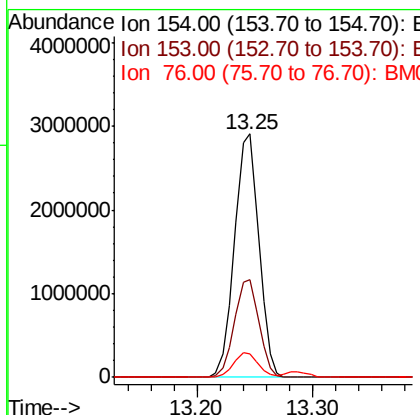
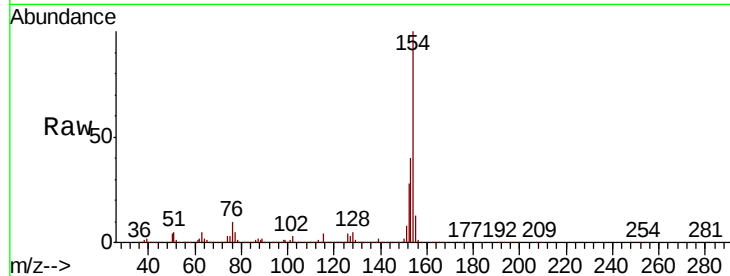
#46
 1,1'-Biphenyl
 Concen: 33.209 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	9.8	0.0	31.9

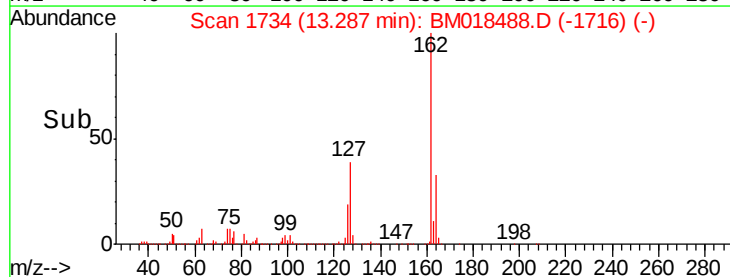
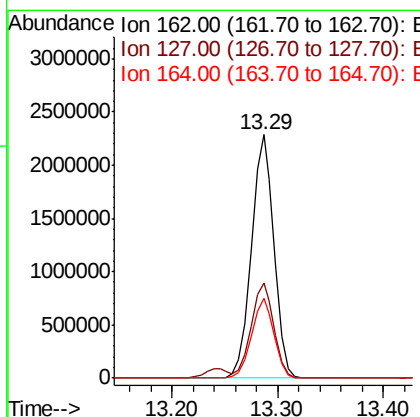
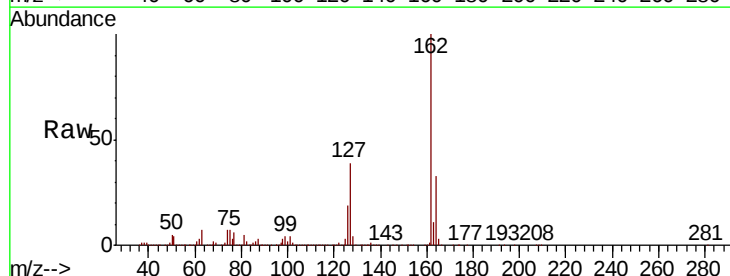
Manual Integrations
 APPROVED

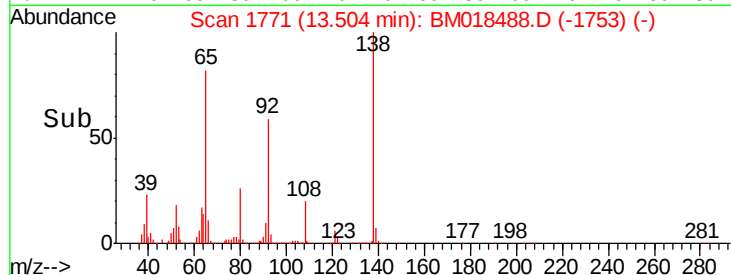
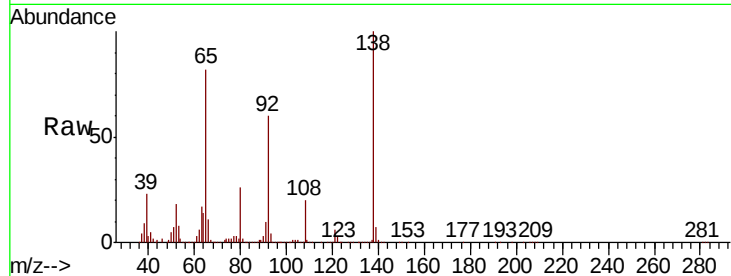
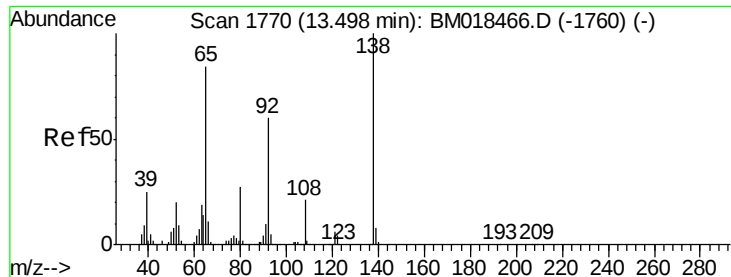
Sohil
 1/10/2019 3:12:08 PM



#47
 2-Chloronaphthalene
 Concen: 34.161 ng
 RT: 13.29 min Scan# 1734
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.4	47.0
164	32.8	26.2	39.4





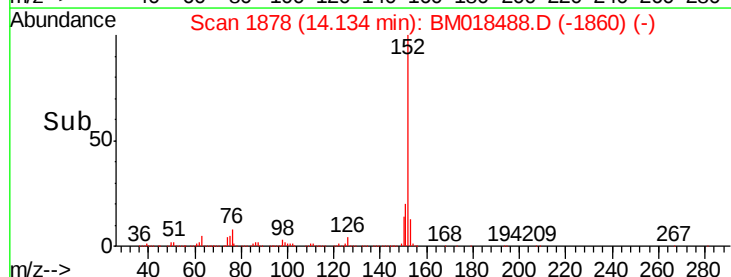
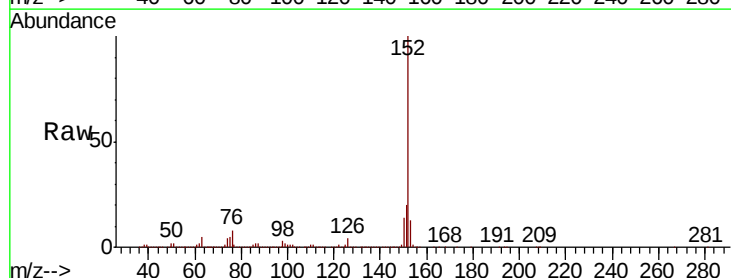
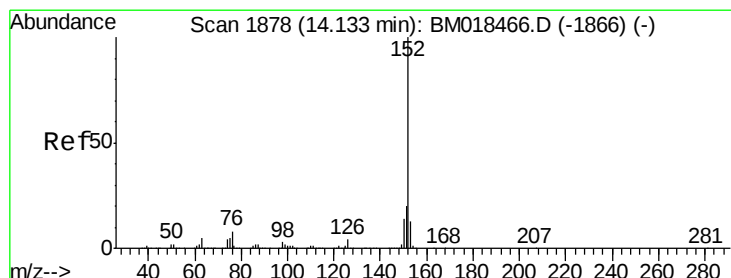
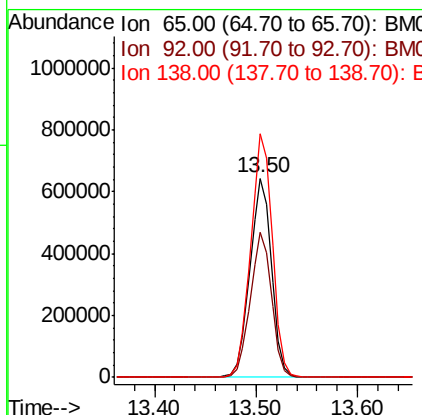
#48
2-Nitroaniline
Concen: 38.865 ng
RT: 13.50 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.8	53.4	80.2
138	122.3	88.9	133.3

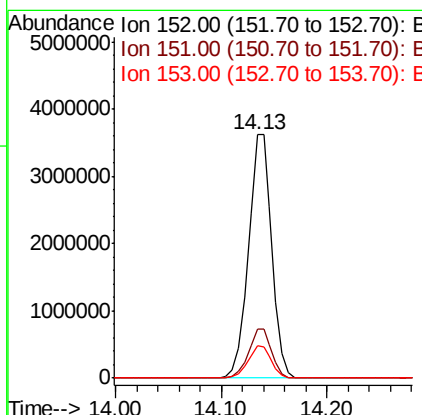
Manual Integrations
APPROVED

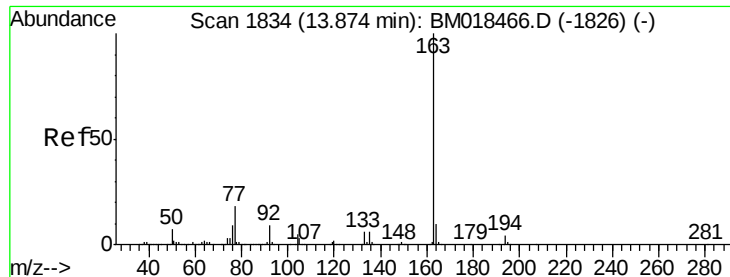
Sohil
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#49
Acenaphthylene
Concen: 38.228 ng
RT: 14.13 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.3	10.5	15.7





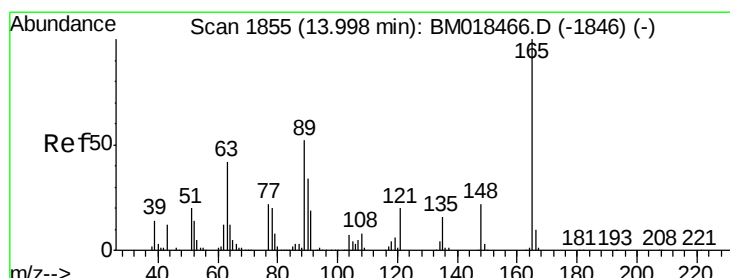
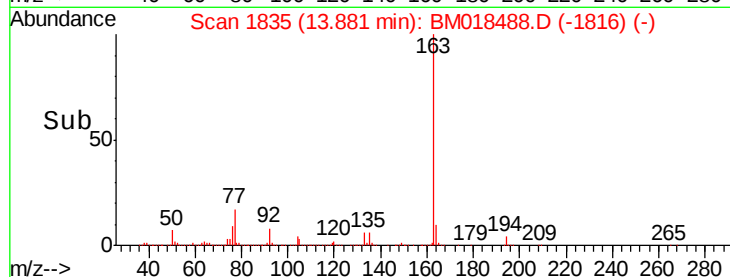
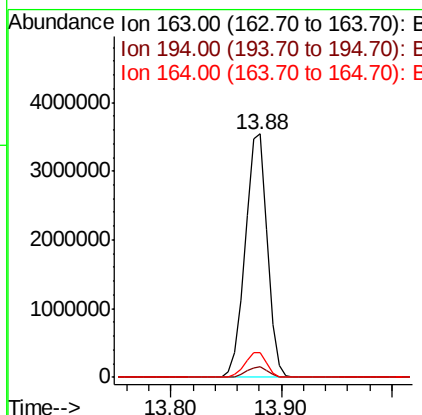
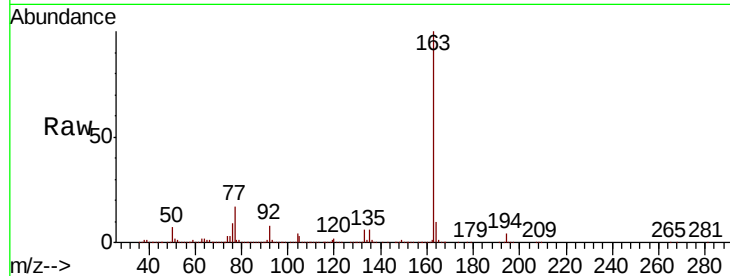
#50
Dimethylphthalate
Concen: 41.221 ng
RT: 13.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion:163 Resp: 4967062
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.0 7.8 11.8

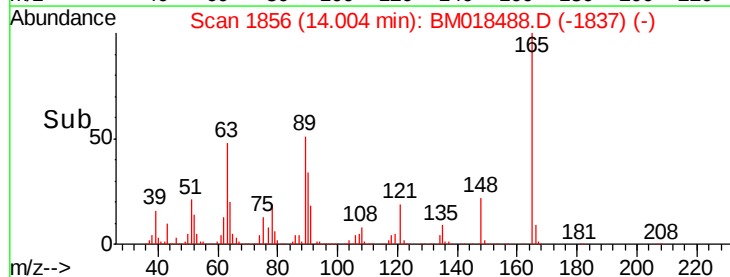
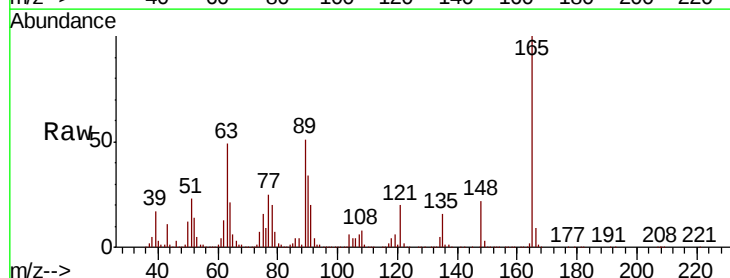
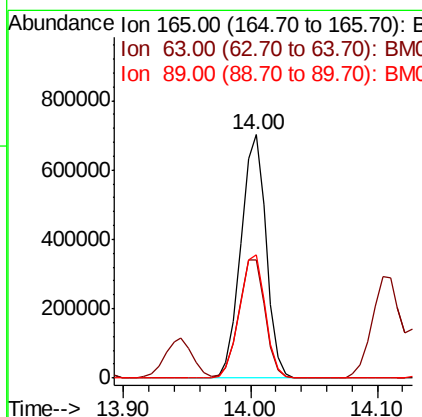
Manual Integrations
APPROVED

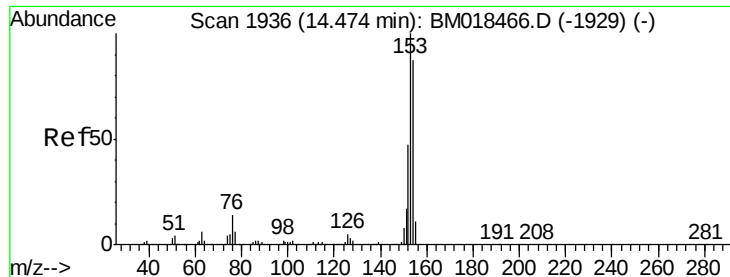
Sohil
1/10/2019 3:12:08 PM



#51
2,6-Dinitrotoluene
Concen: 37.786 ng
RT: 14.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion:165 Resp: 964456
Ion Ratio Lower Upper
165 100
63 48.8 45.6 68.4
89 50.9 44.6 66.8





#52

Acenaphthene

Concen: 35.938 ng

RT: 14.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:154 Resp: 3183471

Ion Ratio Lower Upper

154 100

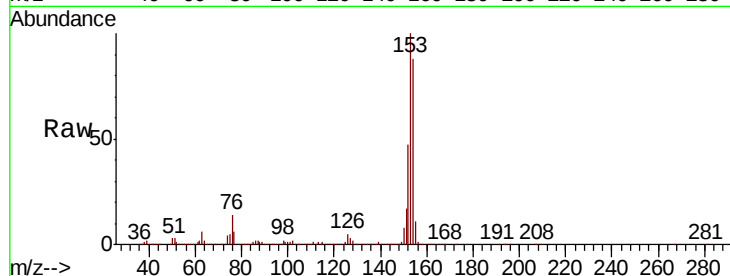
153 113.1 92.3 138.5

152 53.5 43.8 65.6

Manual Integrations
APPROVED

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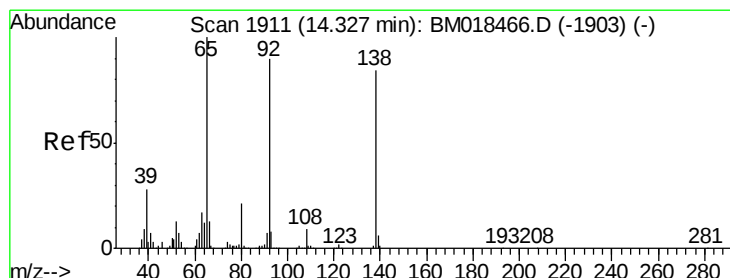
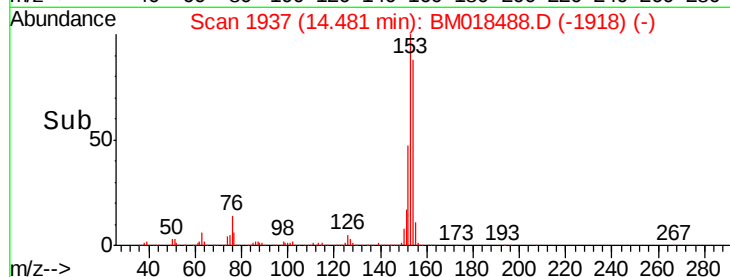
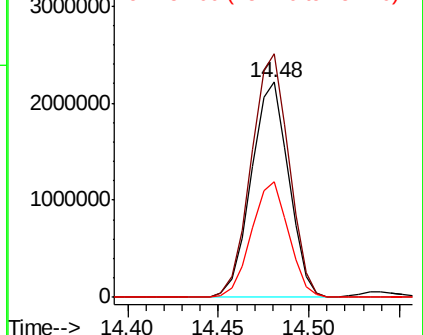


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 30.194 ng

RT: 14.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

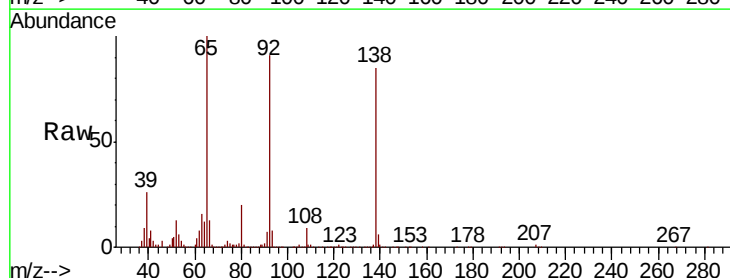
Tgt Ion:138 Resp: 776958

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

92 106.9 88.2 132.2

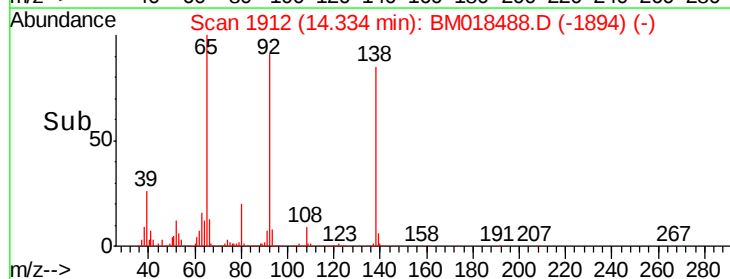
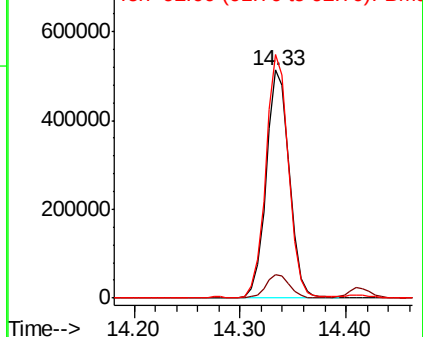


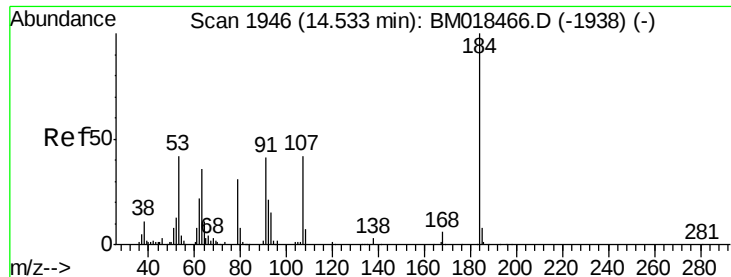
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





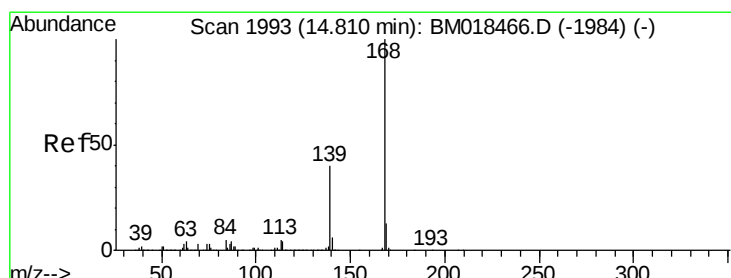
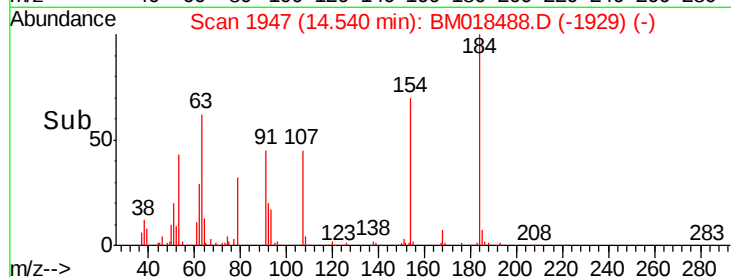
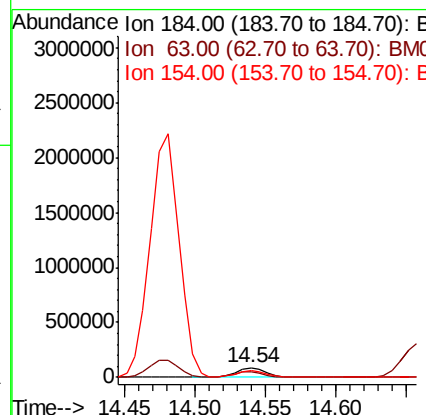
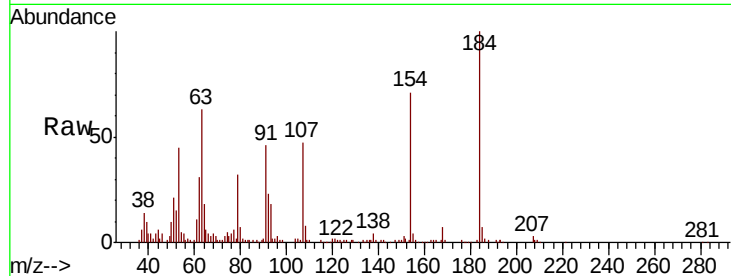
#54
2,4-Dinitrophenol
Concen: 15.852 ng
RT: 14.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	131357		
63	62.7	55.9	83.9	
154	70.9	54.2	81.4	

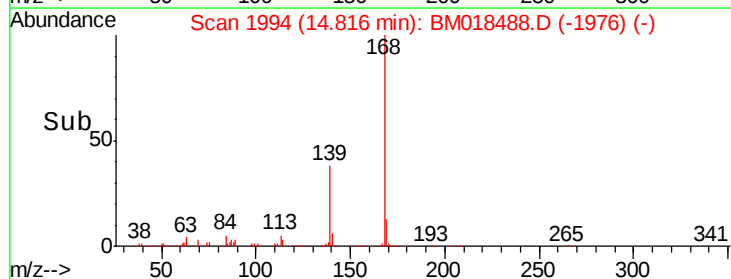
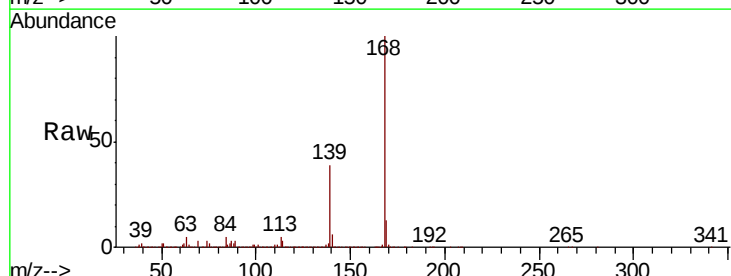
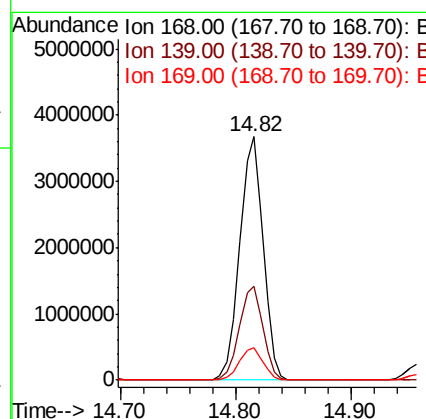
Manual Integrations
APPROVED

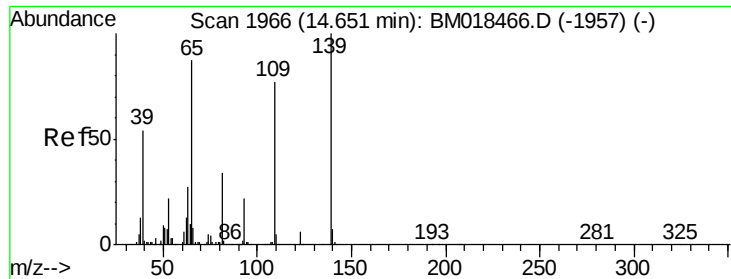
Sohil
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#55
Dibenzofuran
Concen: 35.145 ng
RT: 14.82 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	5143919		
139	38.7	30.3	45.5	
169	13.3	10.6	16.0	





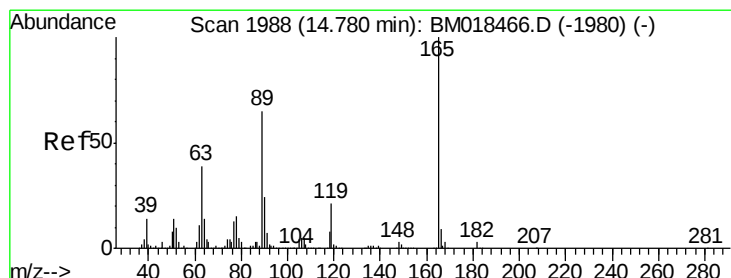
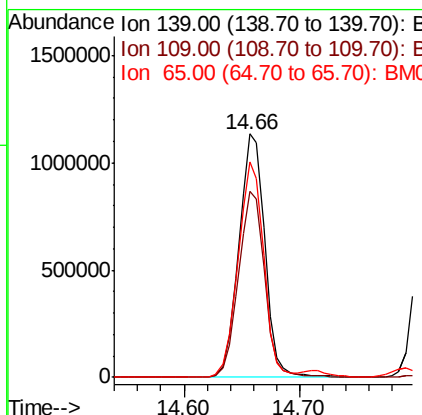
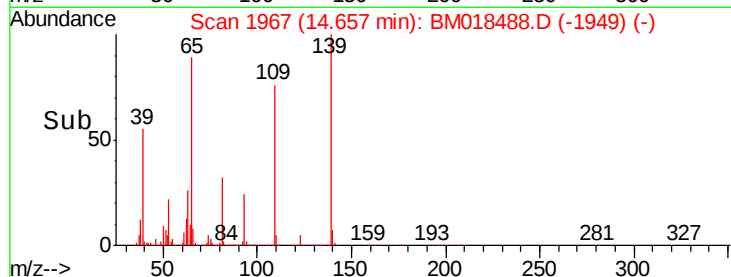
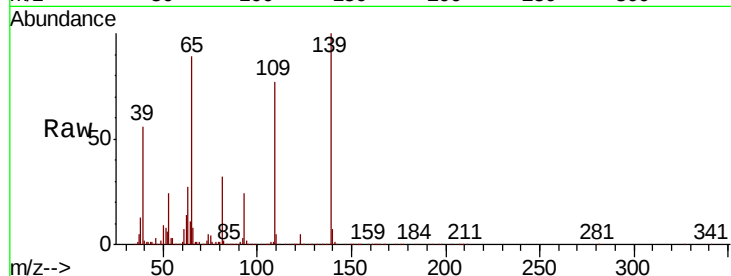
#56
4-Nitrophenol
Concen: 79.297 ng
RT: 14.66 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion:139 Resp: 1762785
Ion Ratio Lower Upper
139 100
109 76.5 51.7 91.7
65 88.7 71.4 111.4

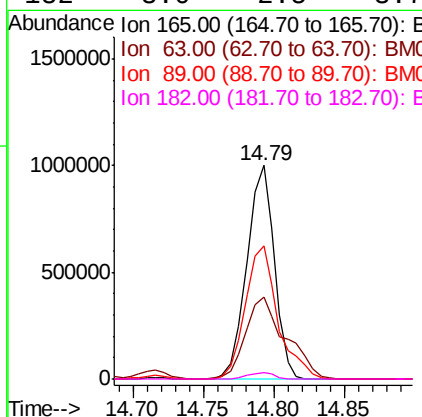
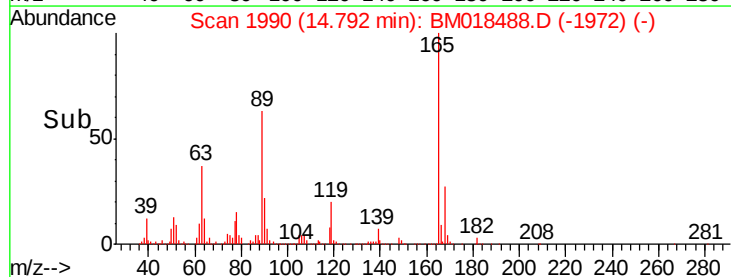
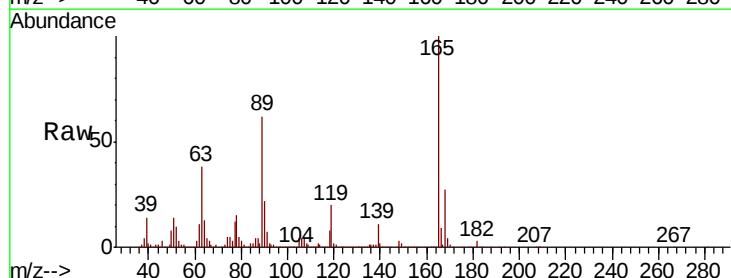
Manual Integrations
APPROVED

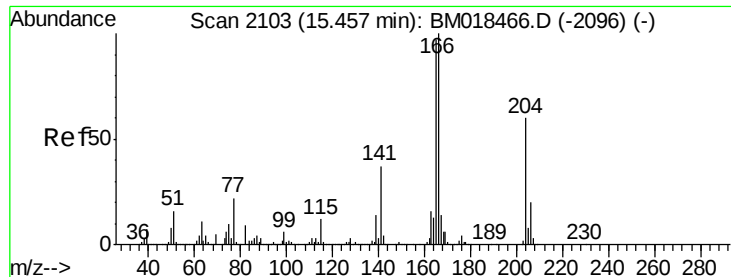
Sohil
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#57
2,4-Dinitrotoluene
Concen: 37.804 ng
RT: 14.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion:165 Resp: 1365237
Ion Ratio Lower Upper
165 100
63 38.3 32.2 48.2
89 62.5 52.1 78.1
182 3.0 2.5 3.7





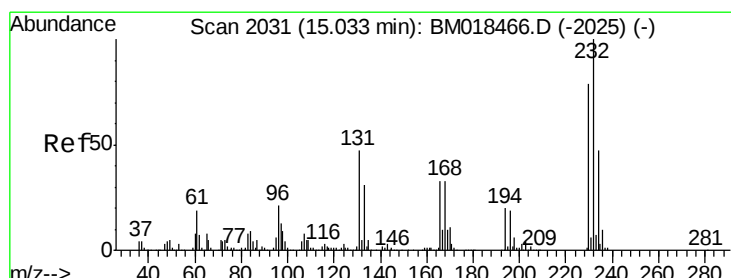
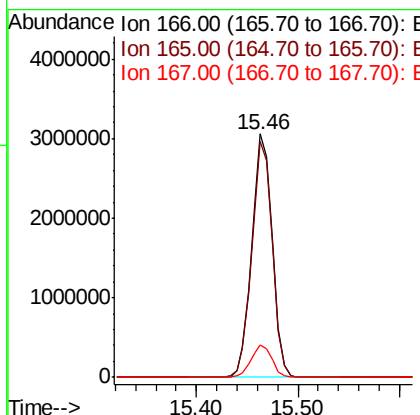
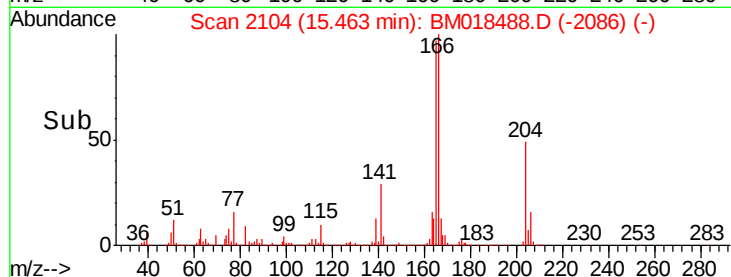
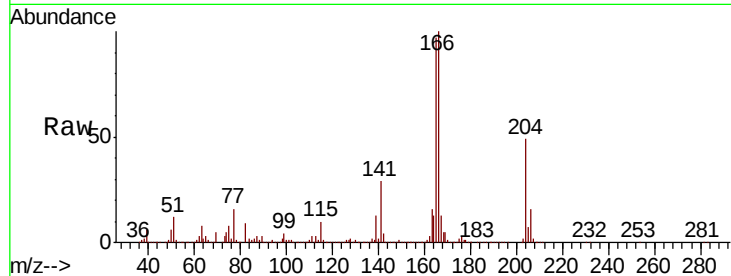
#58
 Fluorene
 Concen: 39.022 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Tot Ion:166 Resp: 4254570
 Ion Ratio Lower Upper
 166 100
 165 96.9 78.3 117.5
 167 13.3 10.9 16.3

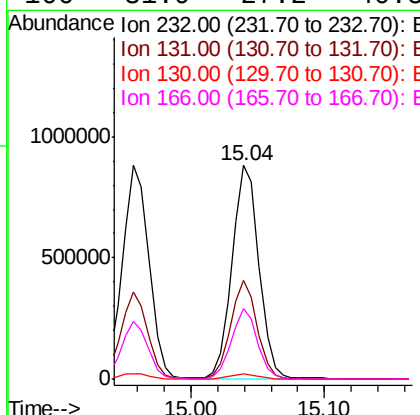
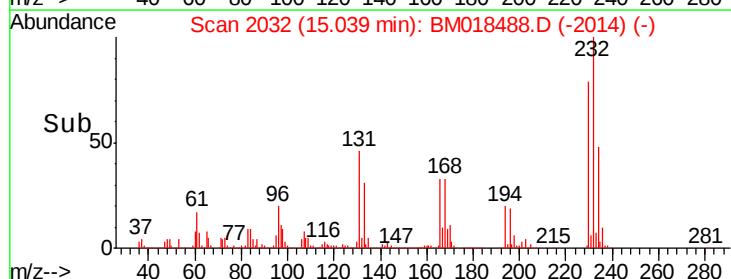
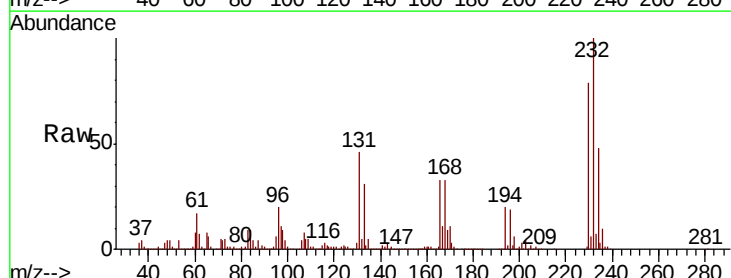
Manual Integrations
 APPROVED

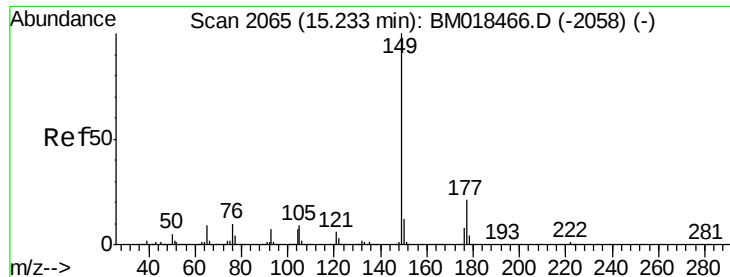
Sohil
 1/10/2019 3:12:08 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.467 ng
 RT: 15.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Tgt Ion:232 Resp: 1233443
 Ion Ratio Lower Upper
 232 100
 131 45.3 38.6 57.8
 130 2.6 2.2 3.4
 166 31.9 27.2 40.8





#60

Diethylphthalate

Concen: 35.952 ng

RT: 15.24 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:149 Resp: 4373387

Ion Ratio Lower Upper

149 100

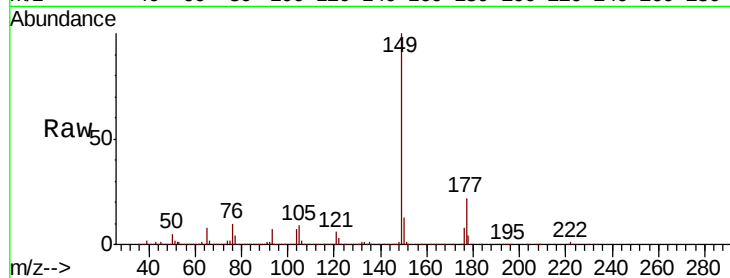
177 21.5 17.1 25.7

150 12.5 9.8 14.6

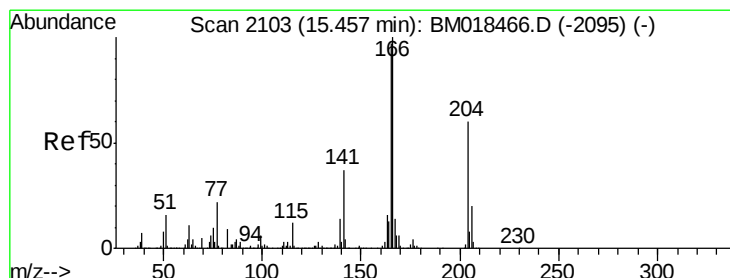
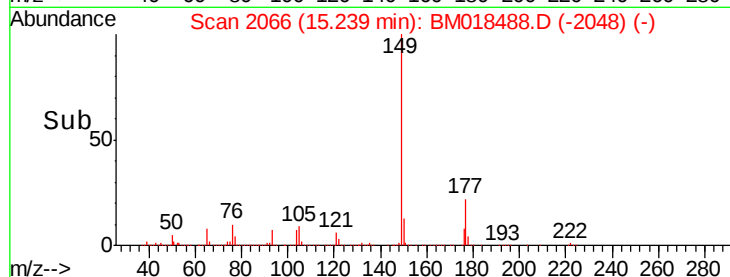
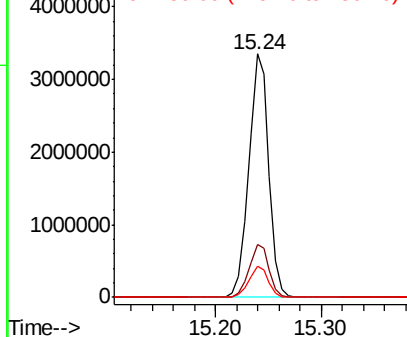
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 34.133 ng

RT: 15.46 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

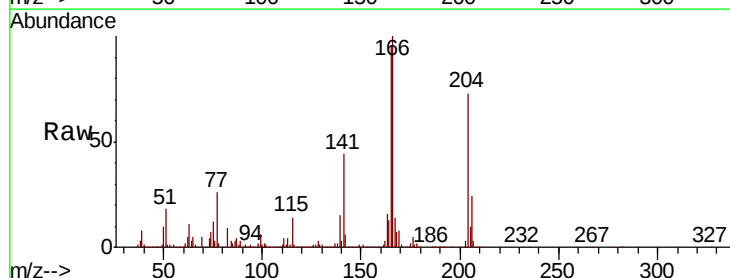
Tgt Ion:204 Resp: 2144920

Ion Ratio Lower Upper

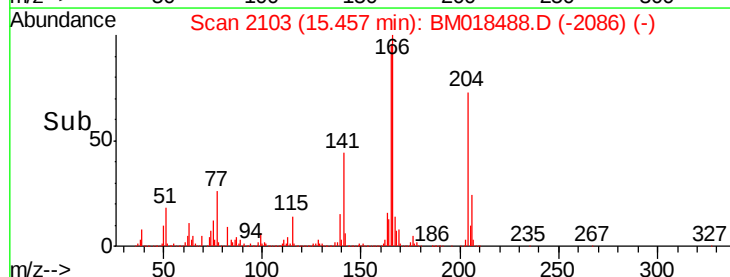
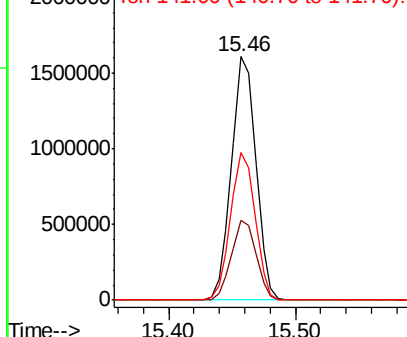
204 100

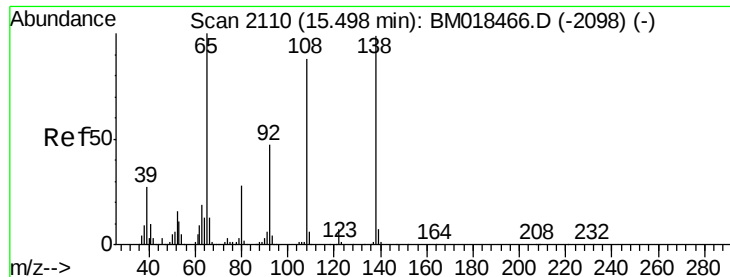
206 32.7 25.8 38.6

141 60.8 49.5 74.3



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 35.118 ng

RT: 15.50 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

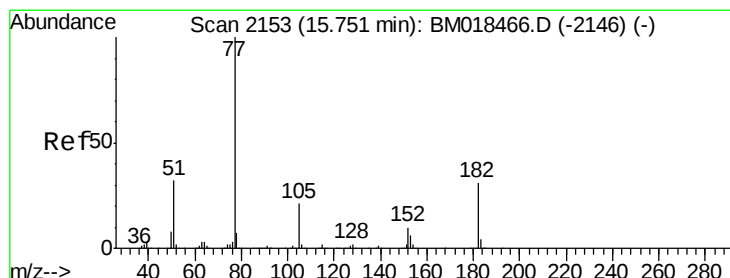
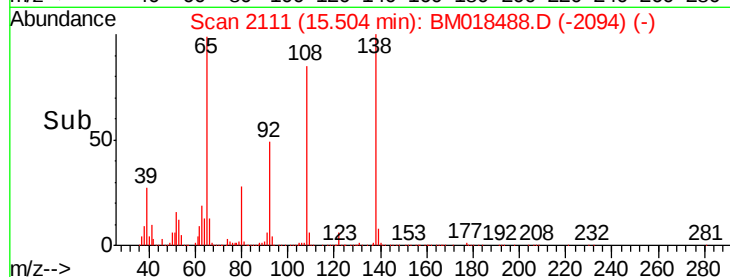
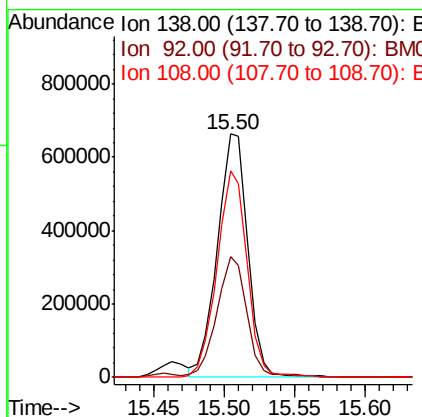
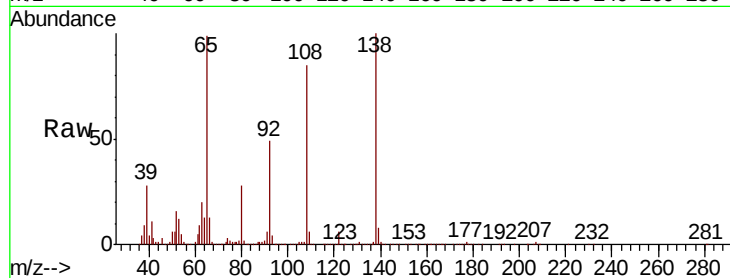
ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:	138	Resp:	985690
Ion Ratio	Lower	Upper	
138	100		
92	49.4	29.0	69.0
108	84.6	63.9	103.9

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#63

Azobenzene

Concen: 35.798 ng

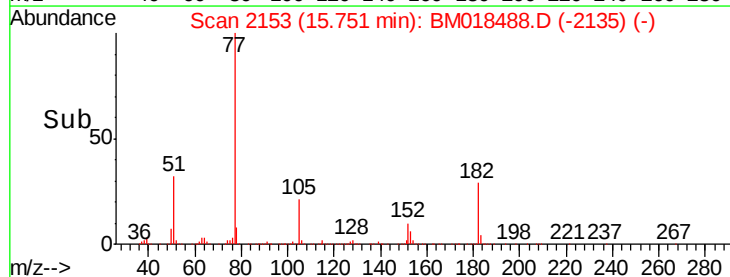
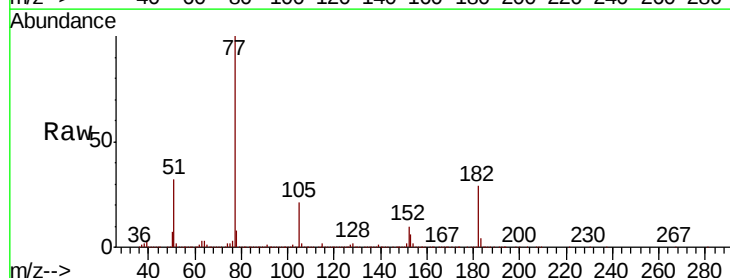
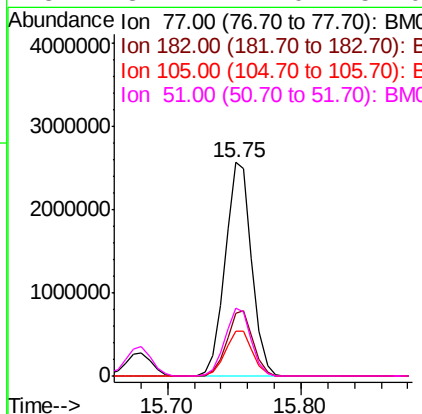
RT: 15.75 min Scan# 2153

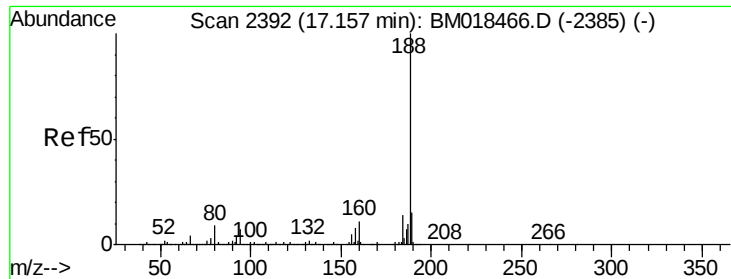
Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Tgt Ion:	77	Resp:	3550372
Ion Ratio	Lower	Upper	
77	100		
182	29.3	7.4	47.4
105	20.9	0.0	39.6
51	31.7	12.0	52.0





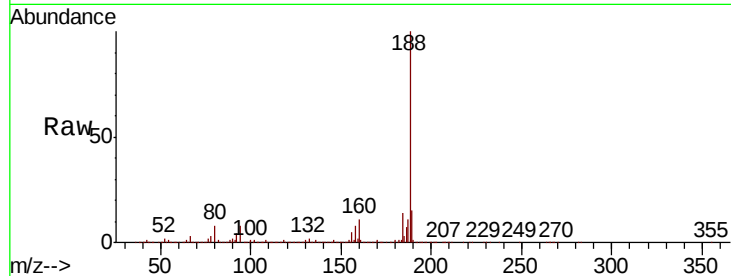
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.4	7.6	11.4

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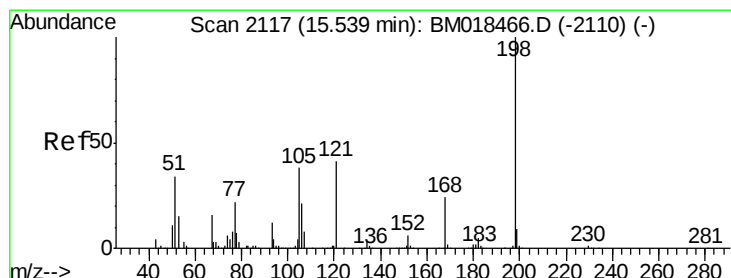
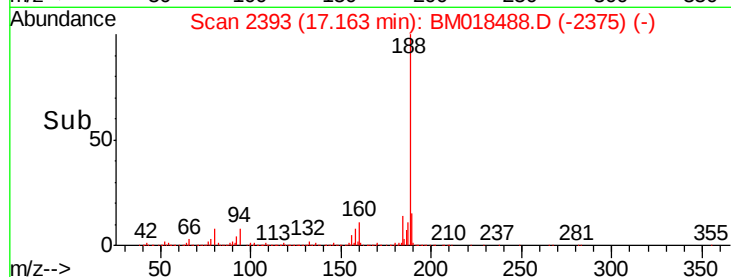
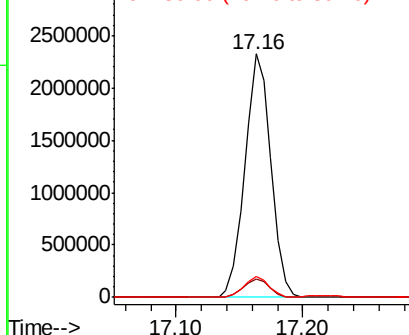


Abundance

Ion 188.00 (187.70 to 188.70): E

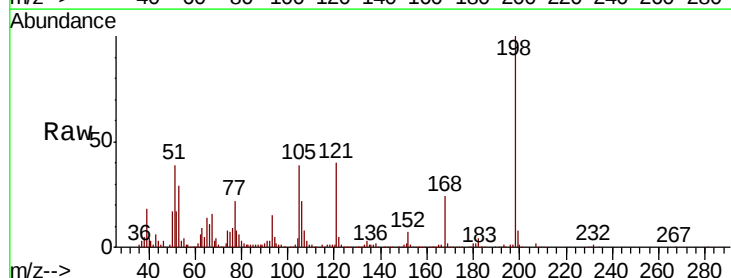
Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#65
4,6-Dinitro-2-methylphenol
Concen: 18.668 ng
RT: 15.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.8	29.6	69.6
105	38.9	25.5	65.5

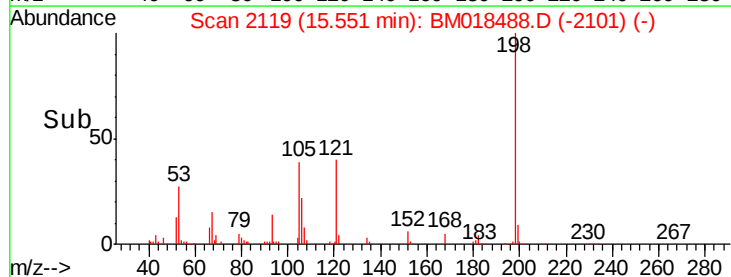
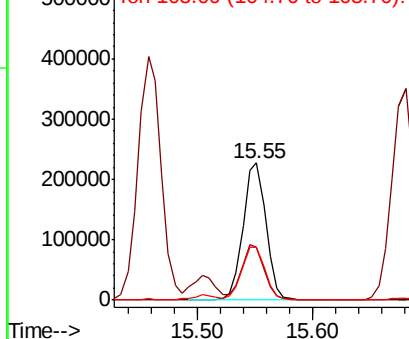


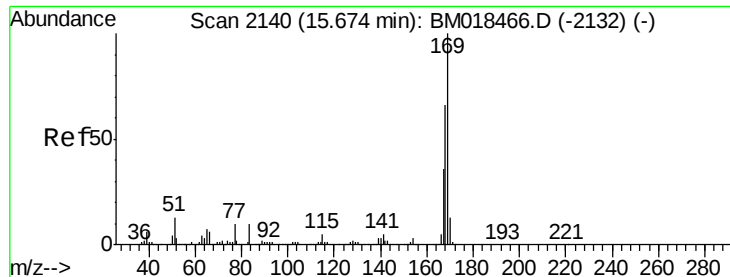
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E





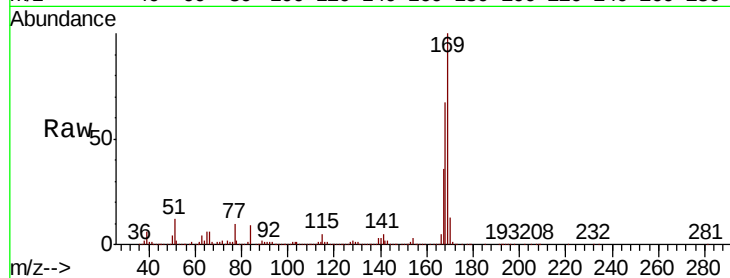
#66
 n-Nitrosodiphenylamine
 Concen: 36.959 ng
 RT: 15.68 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.1	81.1
167	36.0	28.6	42.8

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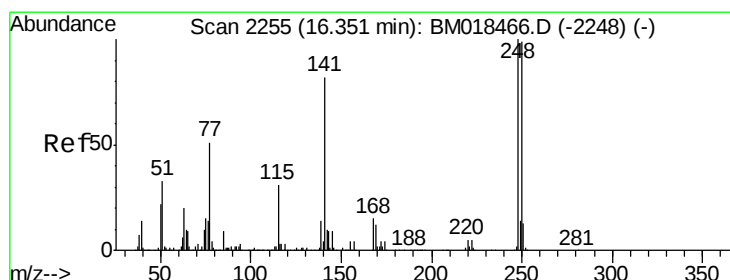
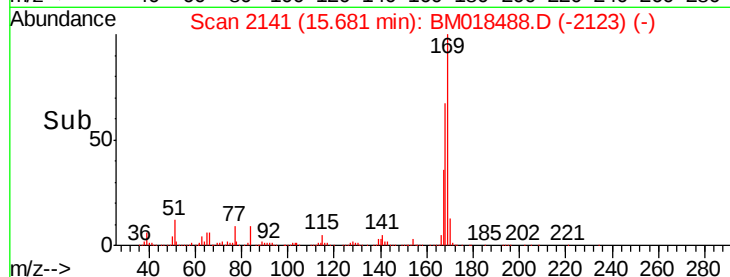
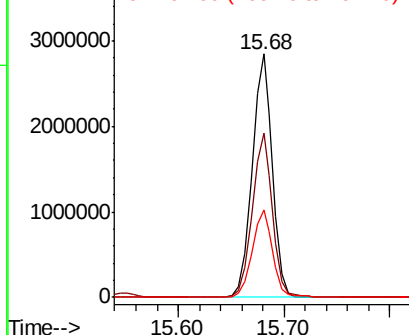


Abundance

Ion 169.00 (168.70 to 169.70): E

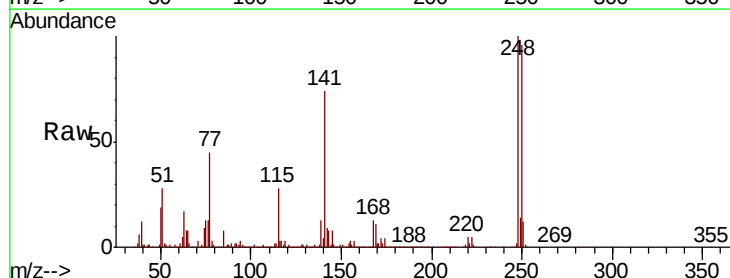
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 35.724 ng
 RT: 16.36 min Scan# 2256
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.0	114.0
141	74.2	61.5	92.3

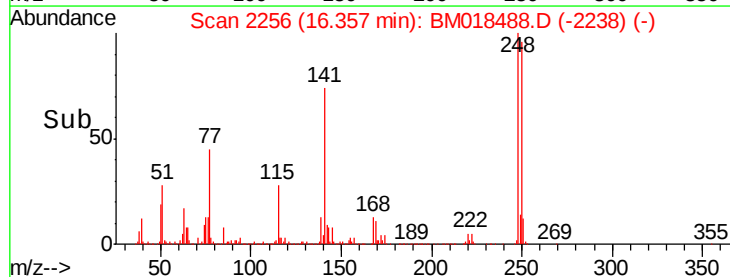
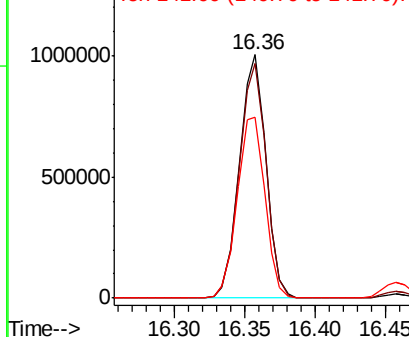


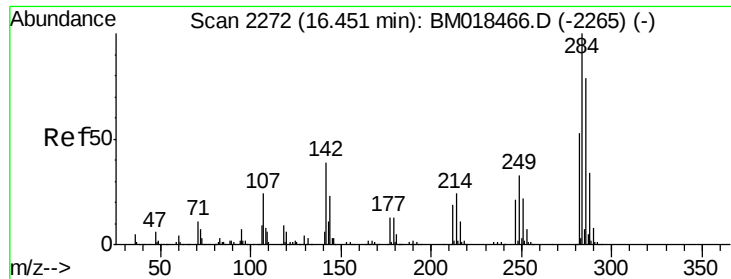
Abundance

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





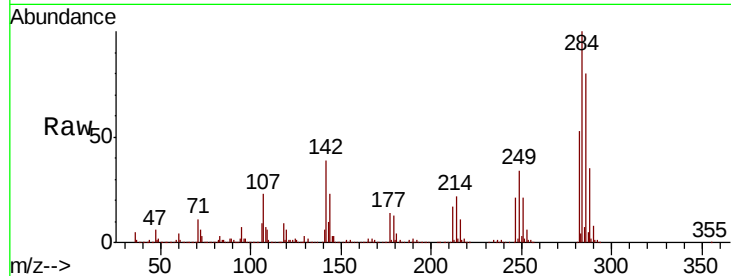
#68
Hexachlorobenzene
Concen: 34.796 ng
RT: 16.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

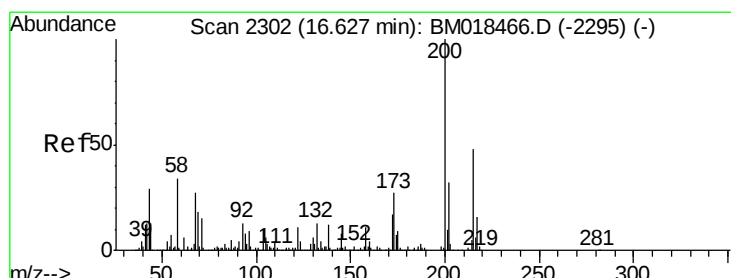
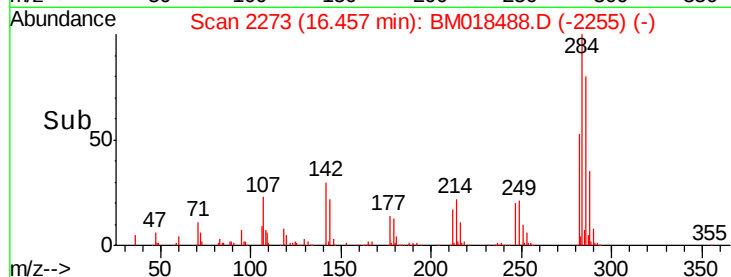
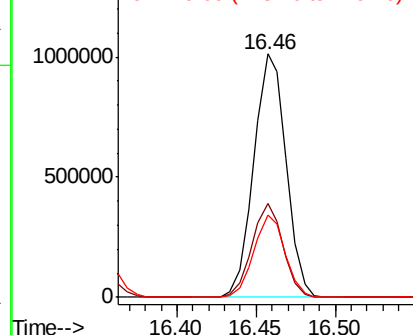
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.7	29.2	43.8
249	34.0	26.1	39.1

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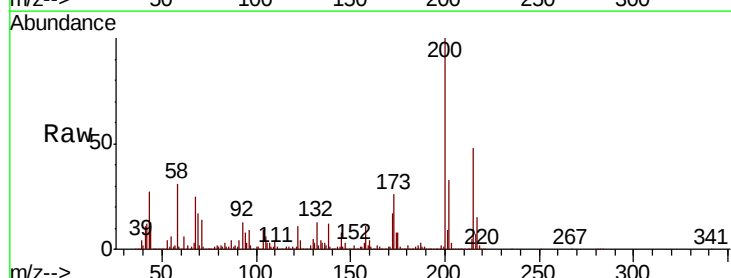


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

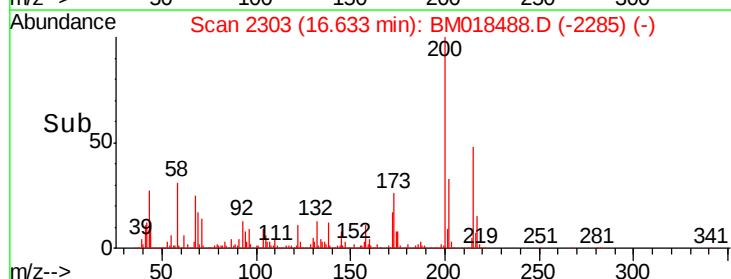
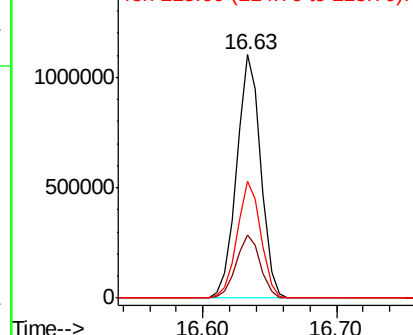


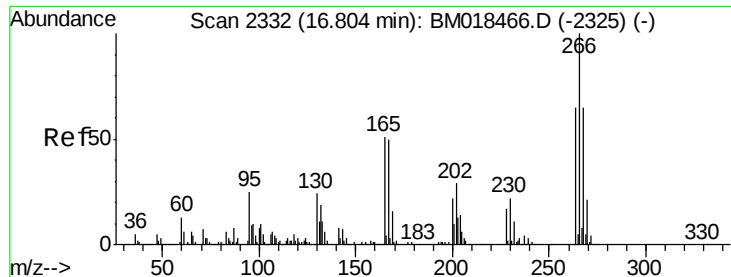
#69
Atrazine
Concen: 37.635 ng
RT: 16.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.2	47.2
215	47.8	28.3	68.3



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: 62.558 ng

RT: 16.81 min Scan# 2333

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:266 Resp: 1689221

Ion Ratio Lower Upper

266 100

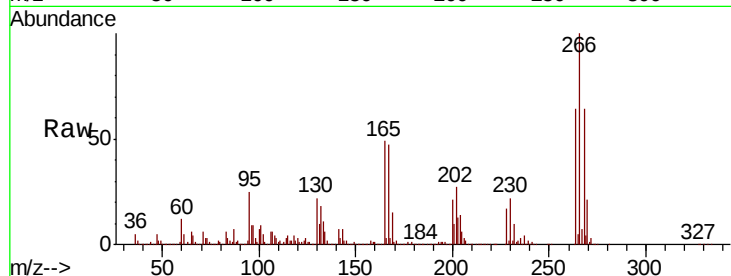
268 64.1 49.8 74.6

264 64.0 50.1 75.1

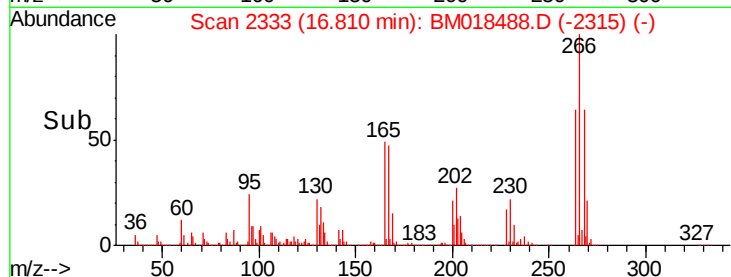
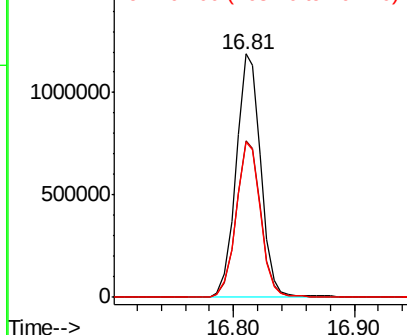
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 38.015 ng

RT: 17.21 min Scan# 2401

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

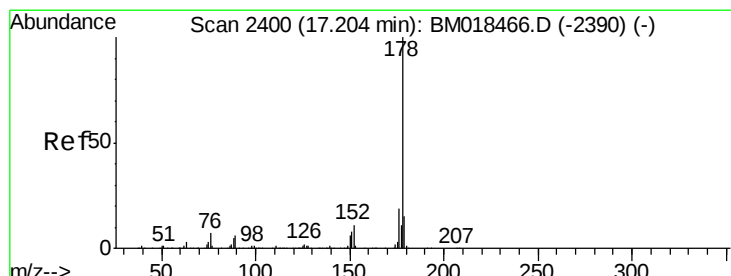
Tgt Ion:178 Resp: 6654704

Ion Ratio Lower Upper

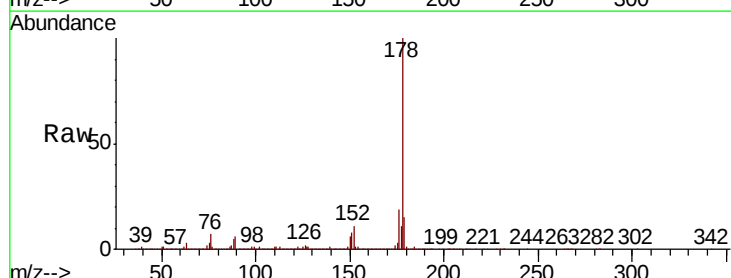
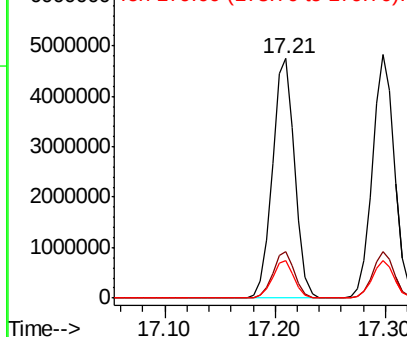
178 100

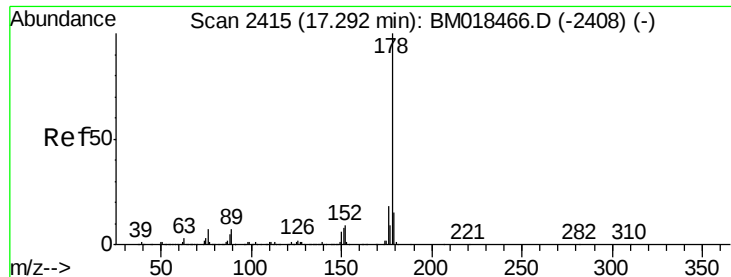
176 19.4 15.4 23.0

179 15.4 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





#72

Anthracene

Concen: 39.917 ng

RT: 17.30 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:178 Resp: 6719352

Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

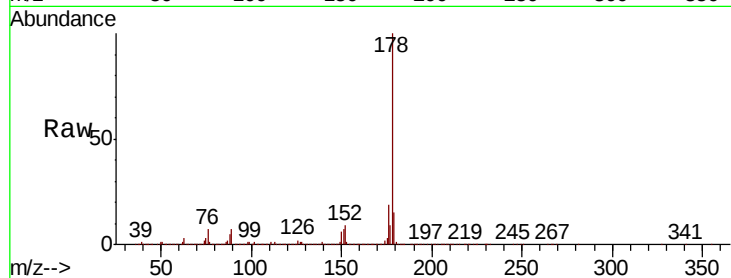
179 15.5 12.2 18.4

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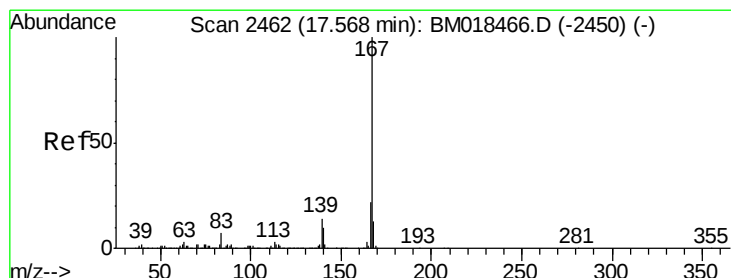
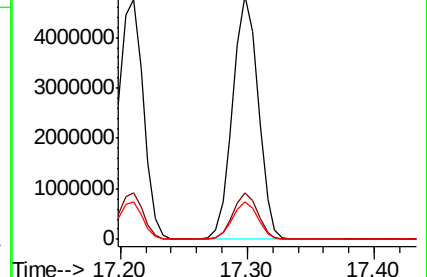
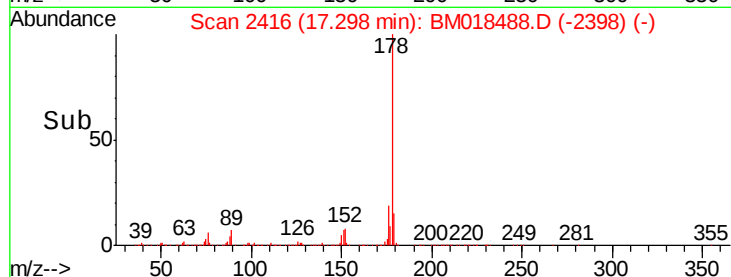
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 35.032 ng

RT: 17.57 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

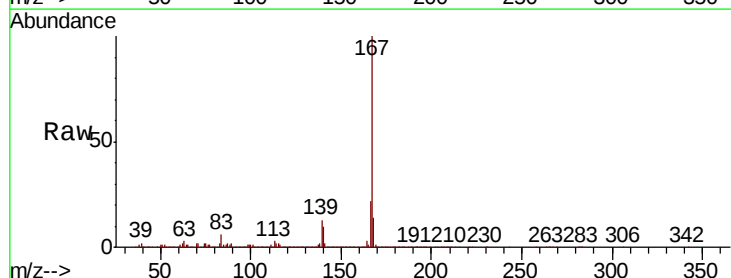
Tgt Ion:167 Resp: 6058537

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

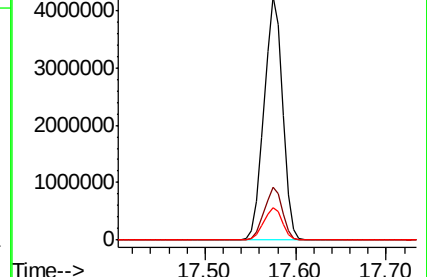
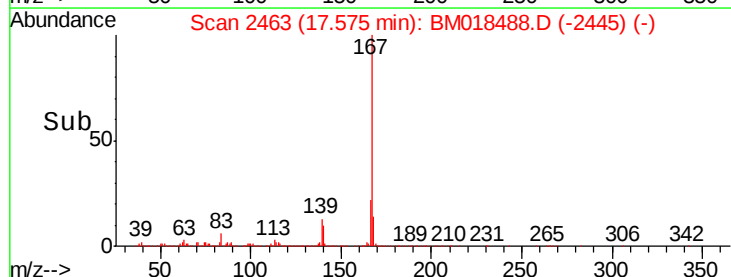
139 13.1 10.6 16.0

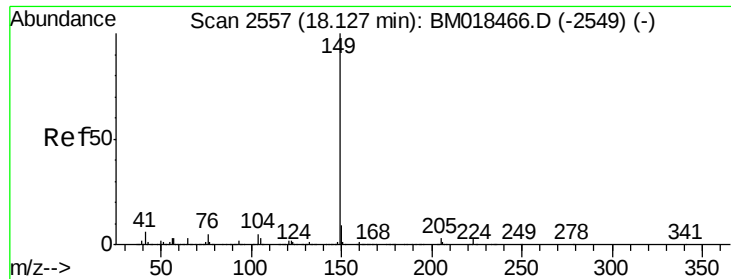


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 40.074 ng

RT: 18.13 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

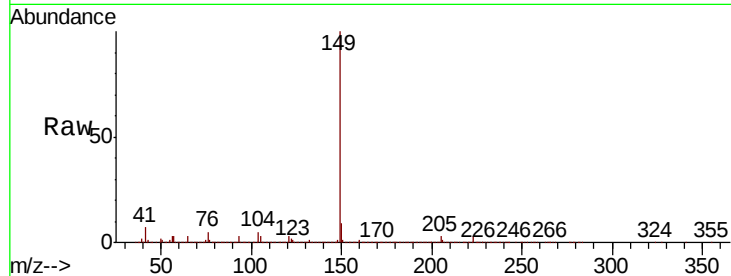
ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:	149	Resp:	7591551
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.0	4.2	6.4

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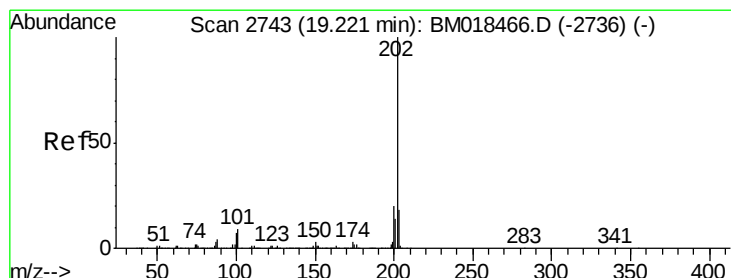
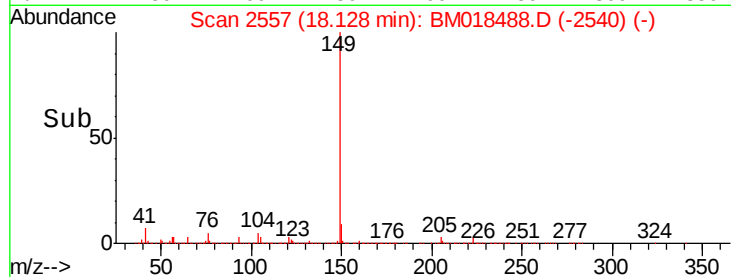
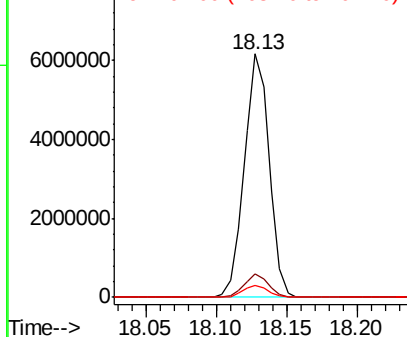


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 35.228 ng

RT: 19.23 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

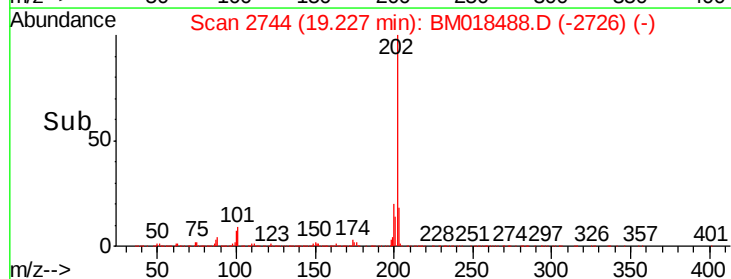
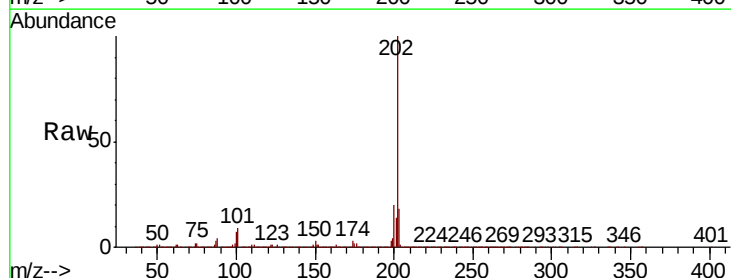
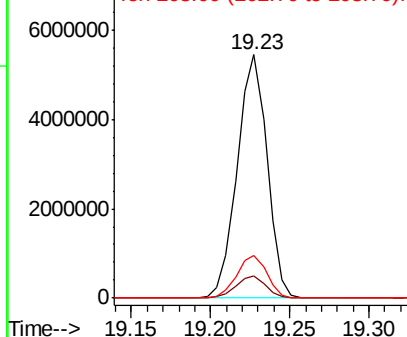
Tgt Ion:	202	Resp:	7109853
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.9
203	17.7	0.0	37.4

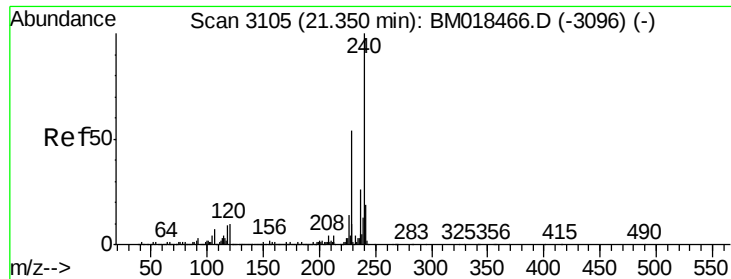
Abundance

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





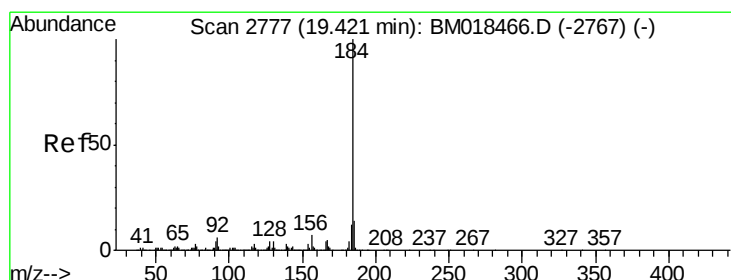
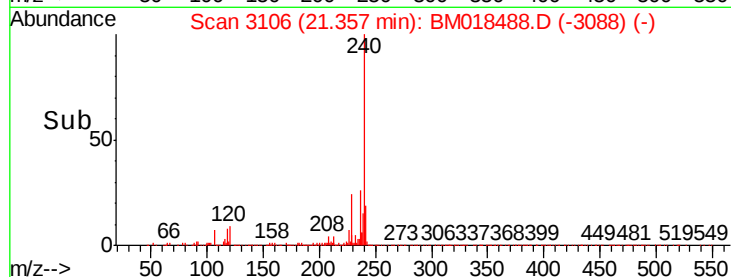
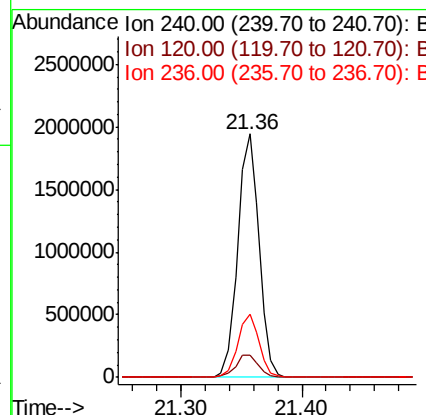
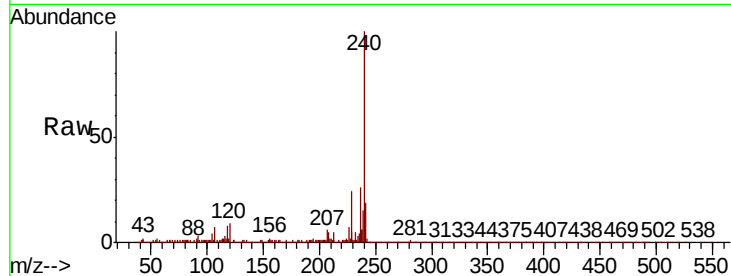
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion:240 Resp: 2370491
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.9 20.7 31.1

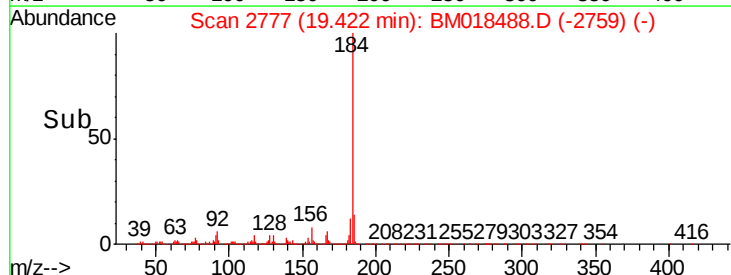
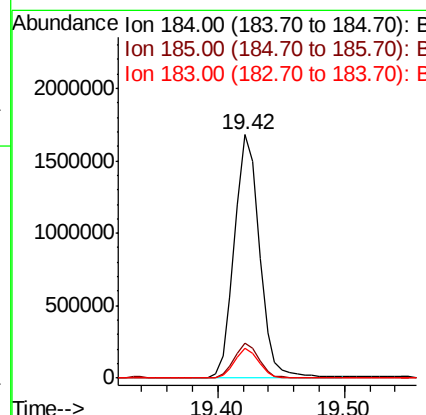
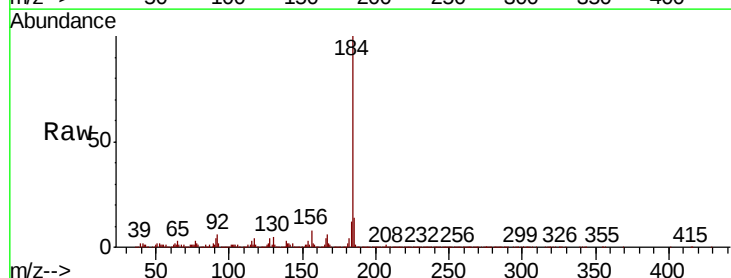
Manual Integrations
APPROVED

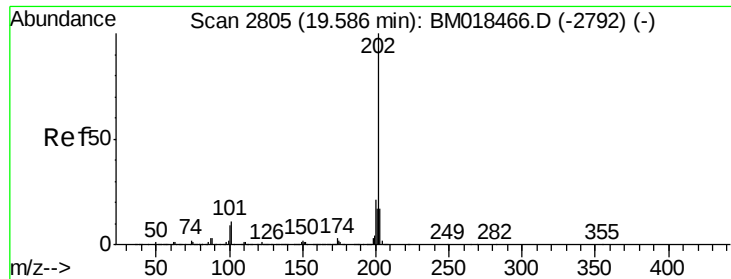
Sohil
1/10/2019 3:12:08 PM



#77
Benzidine
Concen: 39.559 ng
RT: 19.42 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion:184 Resp: 2315395
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 12.0 9.5 14.3





#78

Pvrene

Concen: 49.128 ng

RT: 19.59 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:202 Resp: 6902938

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

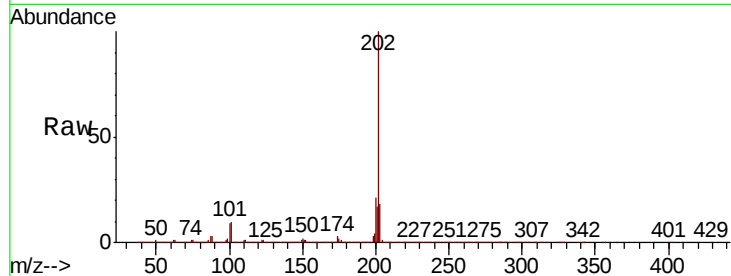
203 17.6 13.8 20.8

Manual Integrations

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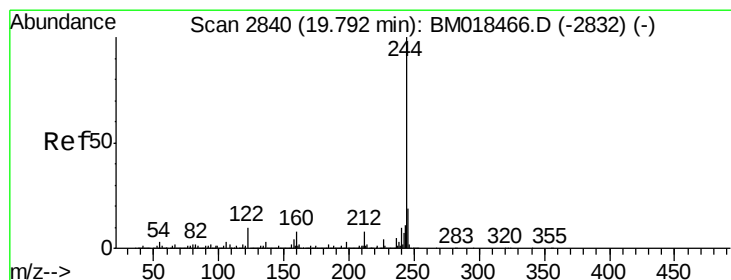
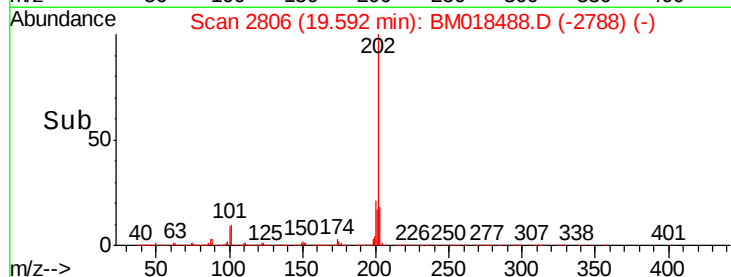
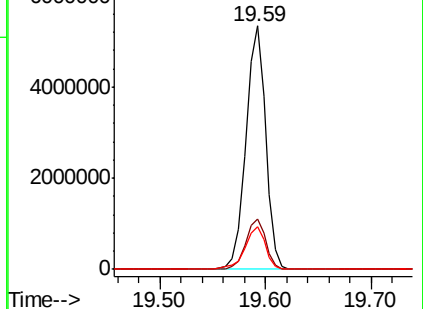
1/10/2019 3:12:08 PM



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: 94.654 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

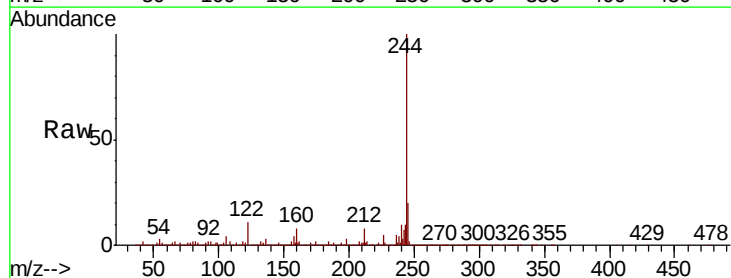
Tgt Ion:244 Resp:10643903

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

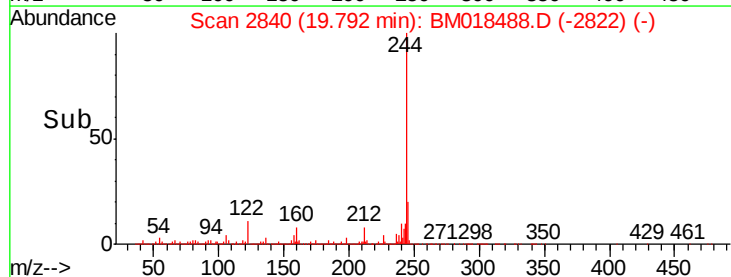
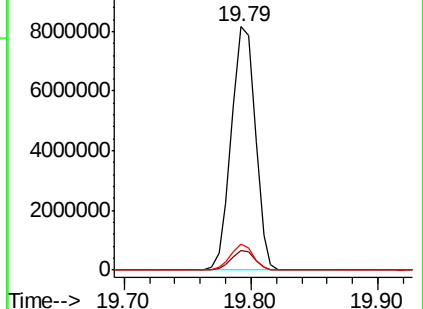
122 10.5 9.0 13.4

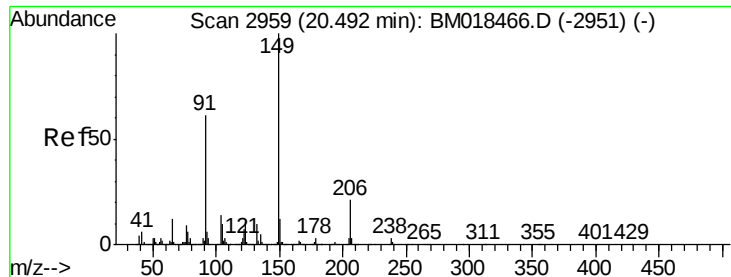


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 49.949 ng

RT: 20.49 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:149 Resp: 2994830

Ion Ratio Lower Upper

149 100

91 62.6 53.1 79.7

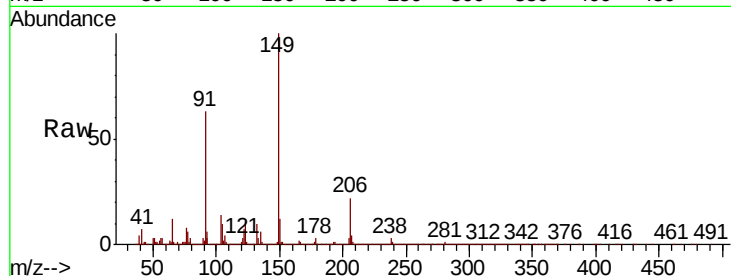
206 21.7 16.2 24.4

Manual Integrations

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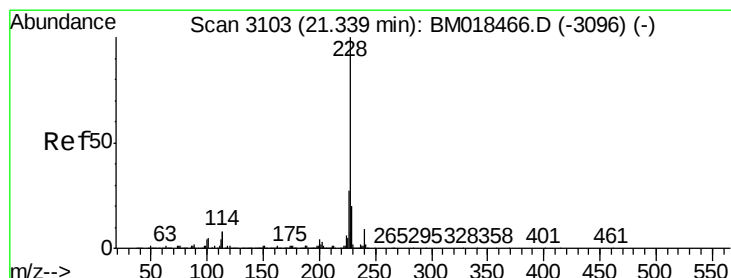
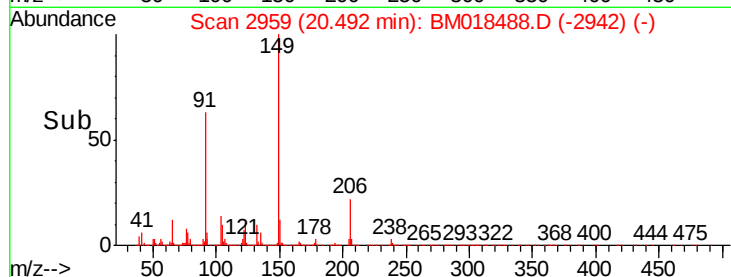
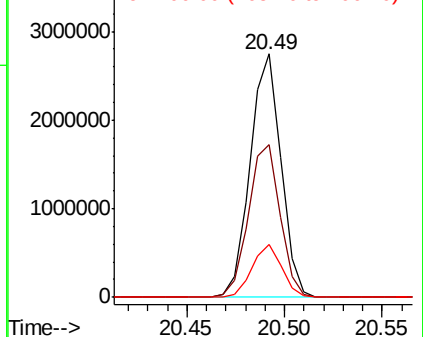
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 39.943 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

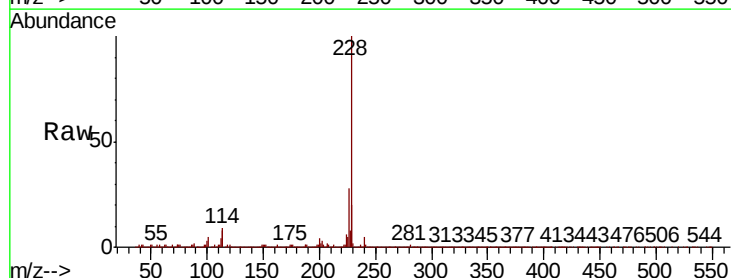
Tgt Ion:228 Resp: 5577975

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

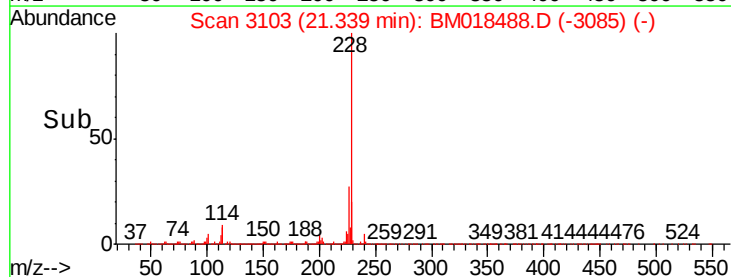
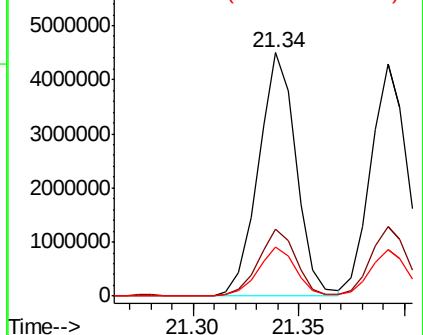
229 20.1 15.8 23.8

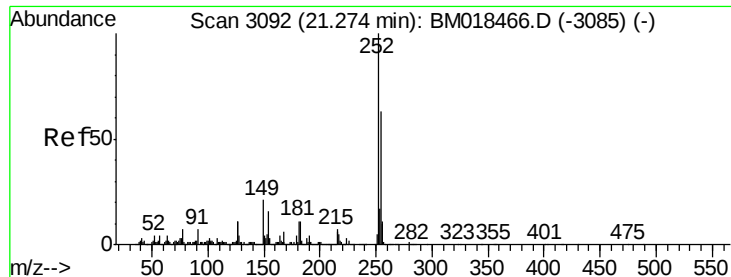


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





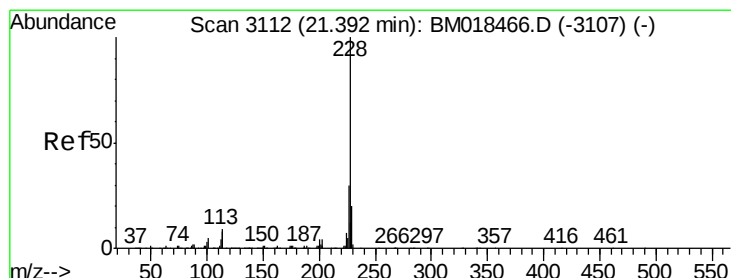
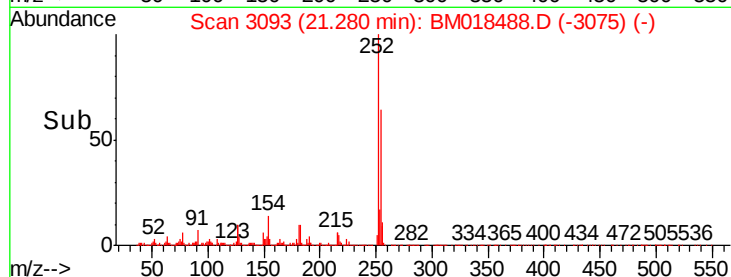
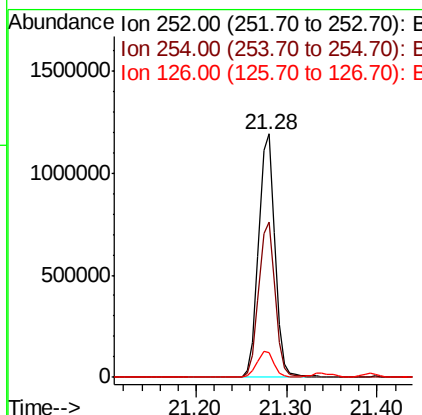
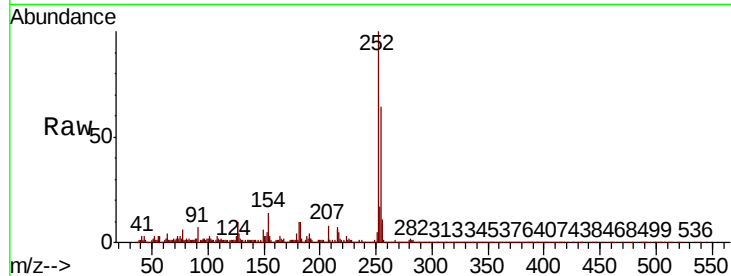
#82
 3,3'-Dichlorobenzidine
 Concen: 27.974 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.0
126	10.0	8.7	13.1

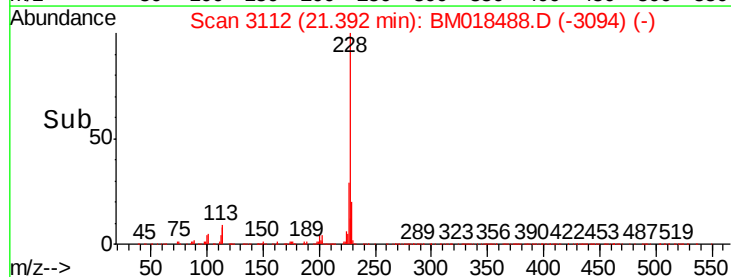
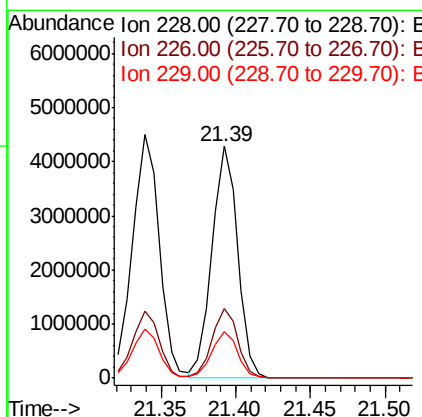
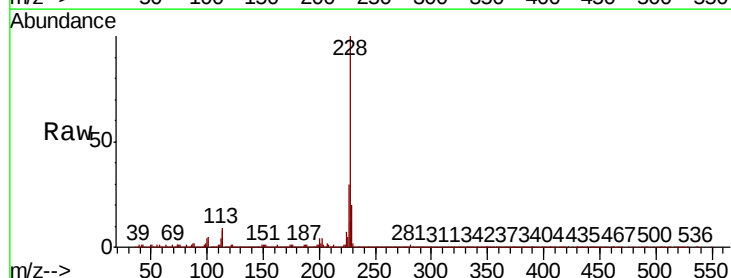
Manual Integrations
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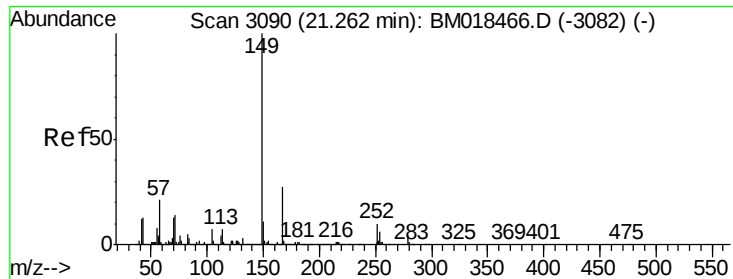
Sohil
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#83
 Chrysene
 Concen: 38.130 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	20.1	15.6	23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.985 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:149 Resp: 4154462

Ion Ratio Lower Upper

149 100

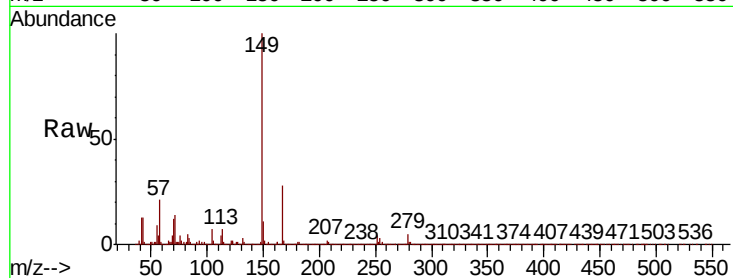
167 28.0 21.6 32.4

279 4.7 3.3 4.9

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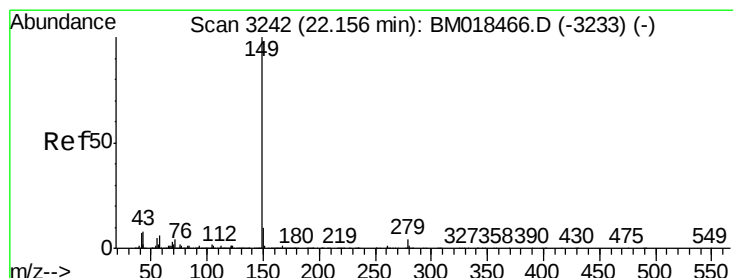
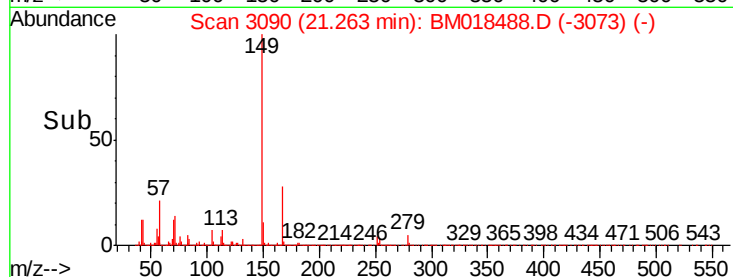
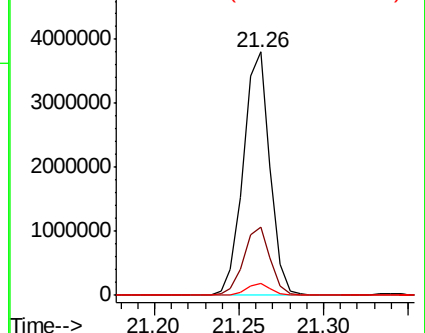
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.173 ng

RT: 22.16 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

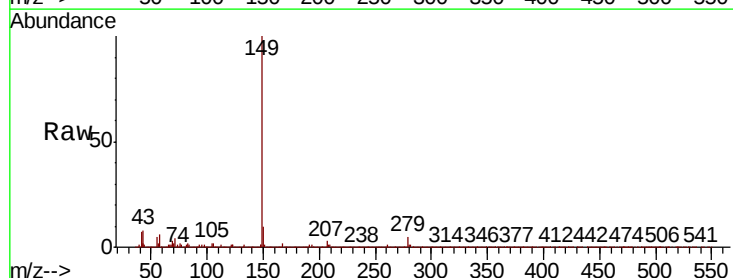
Tgt Ion:149 Resp: 6432324

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

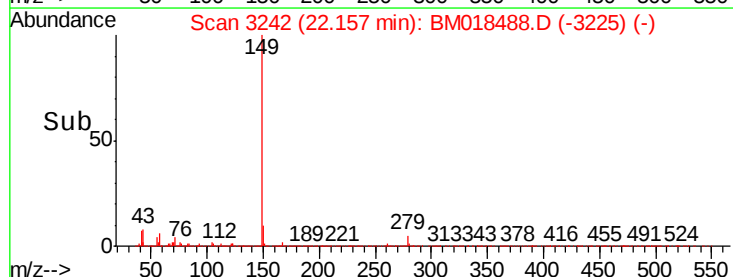
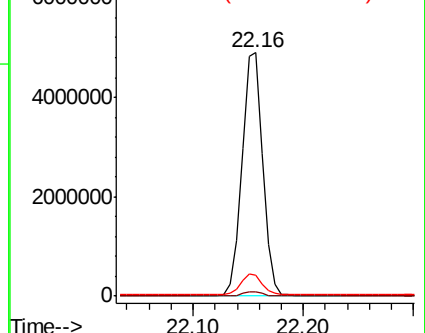
43 8.3 8.6 12.8#

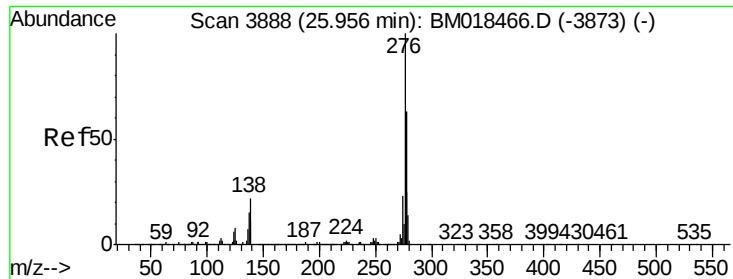


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#86

Indeno(1,2,3-cd)pyrene

Concen: 36.916 ng

RT: 25.97 min Scan# 3891

Delta R.T. 0.03 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MS

Tot Ion:276 Resp: 5740396

Ion Ratio Lower Upper

276 100

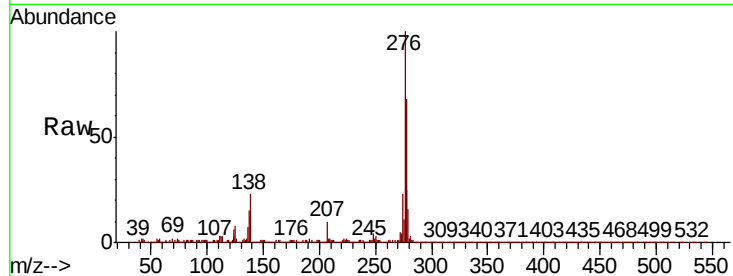
138 22.9 21.5 32.3

277 25.4 20.2 30.2

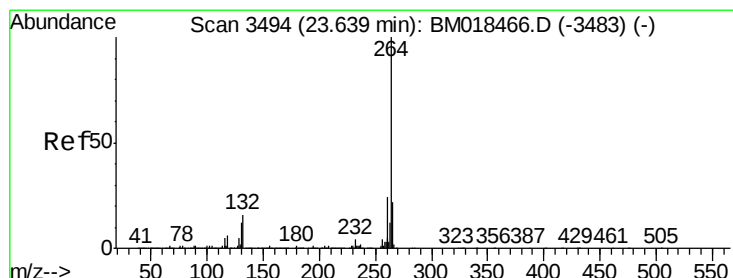
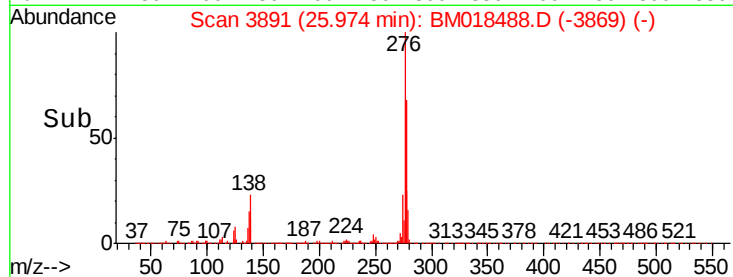
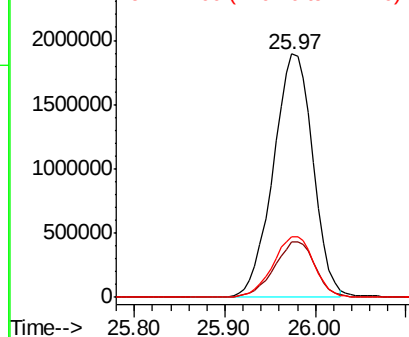
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM018488.D

Acq: 10 Jan 2019 00:19

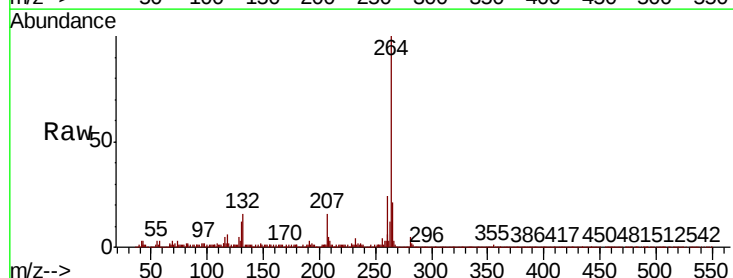
Tgt Ion:264 Resp: 2308046

Ion Ratio Lower Upper

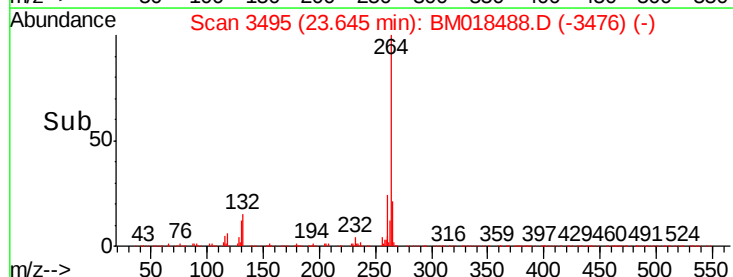
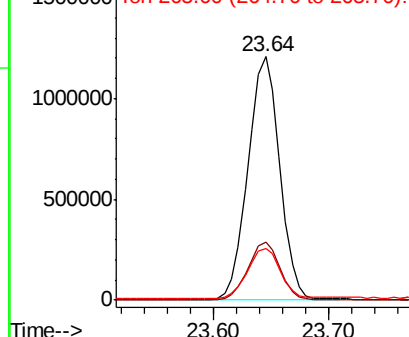
264 100

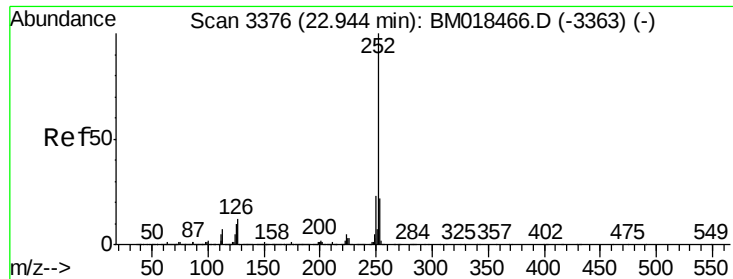
260 23.8 18.9 28.3

265 21.4 16.8 25.2



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





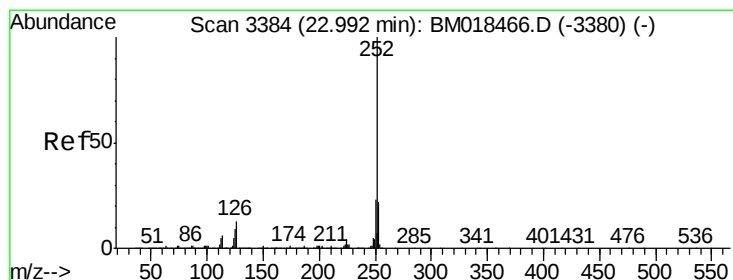
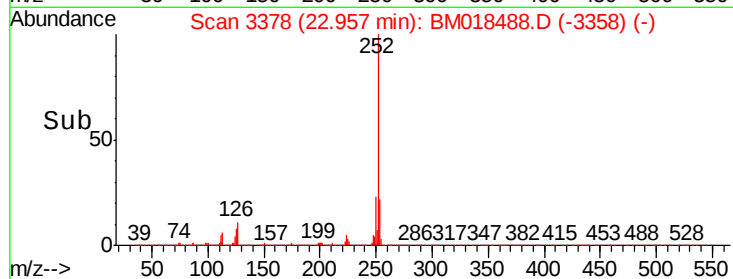
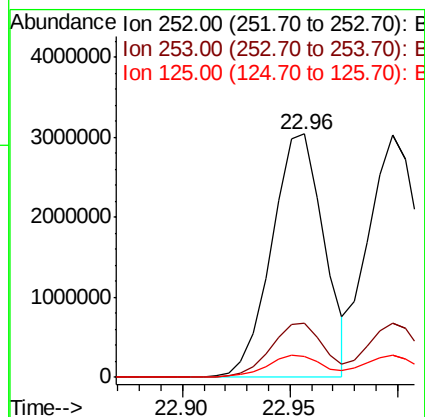
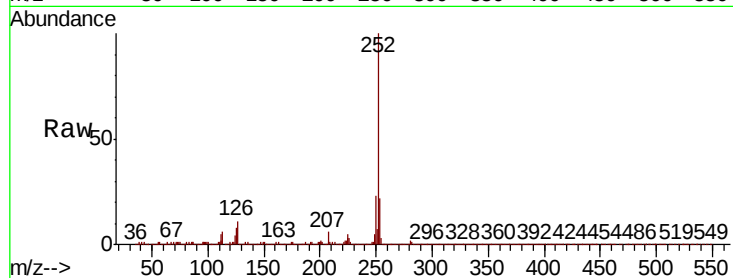
#88
Benzo(b)fluoranthene
Concen: 39.285 ng m
RT: 22.96 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.4	8.5	12.7

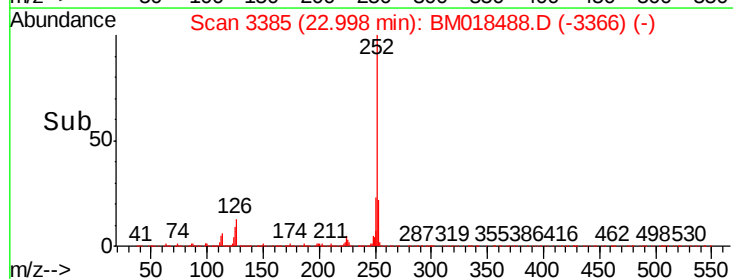
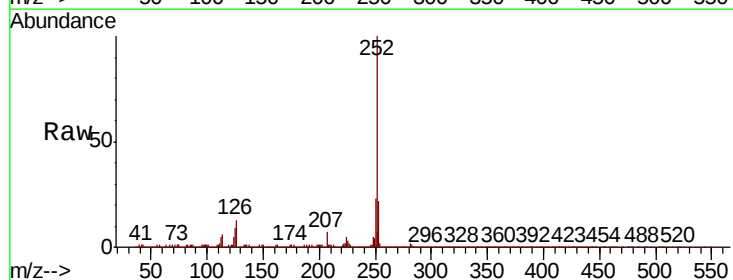
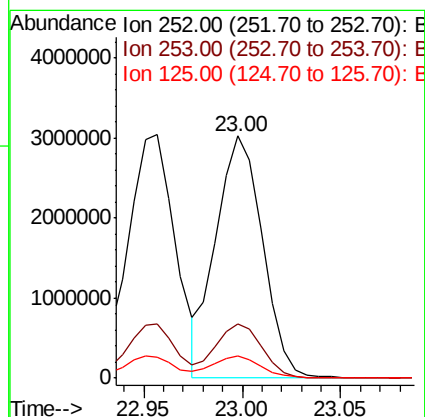
Manual Integrations
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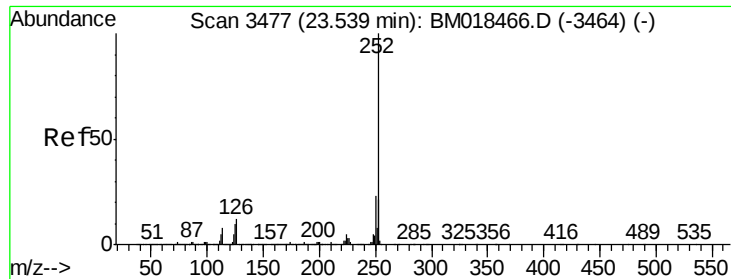
Sohil
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#89
Benzo(k)fluoranthene
Concen: 38.133 ng m
RT: 23.00 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.4	8.6	12.8





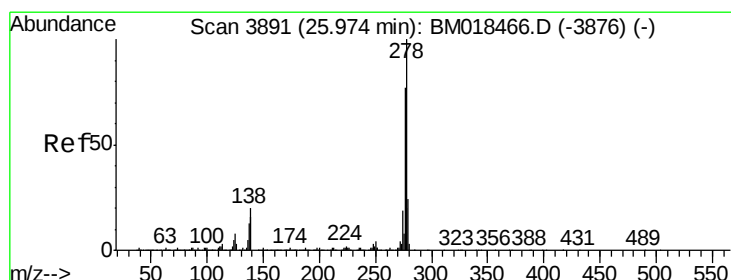
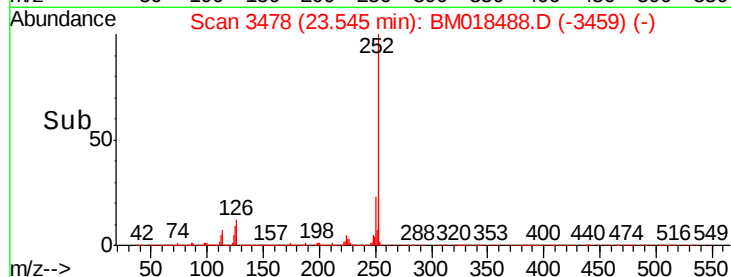
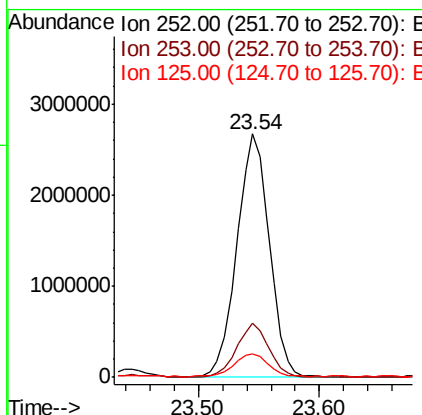
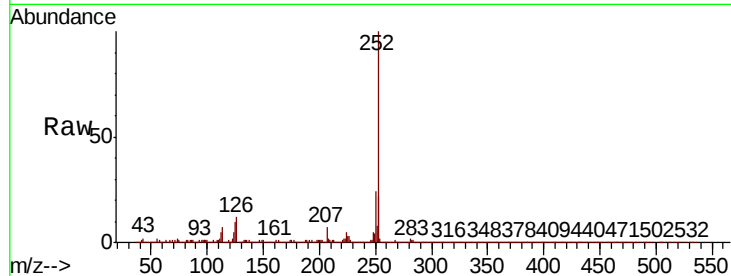
#90
Benzo(a)pyrene
Concen: 39.774 ng
RT: 23.54 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.8	9.7	14.5

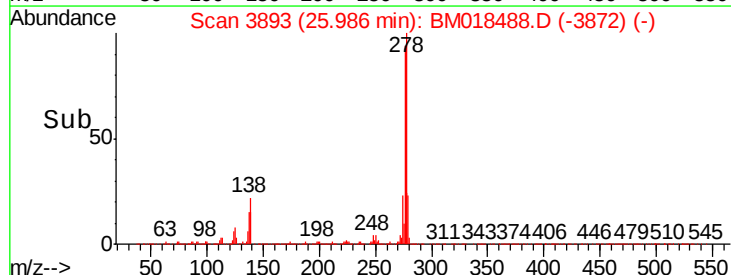
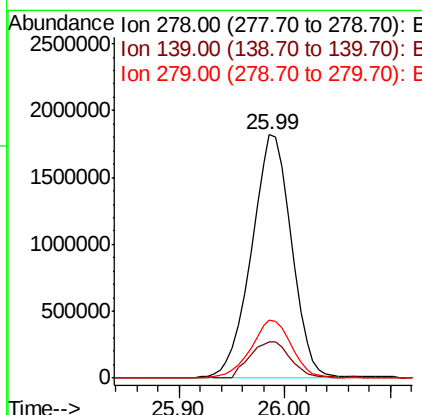
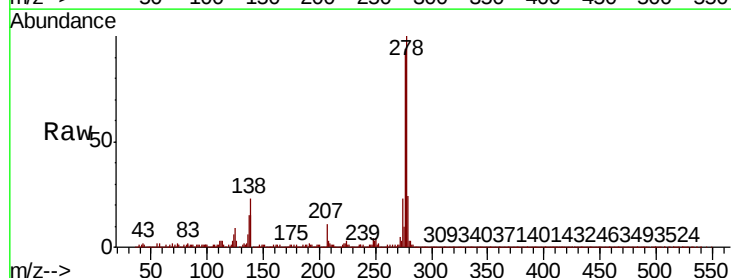
Manual Integrations
APPROVED

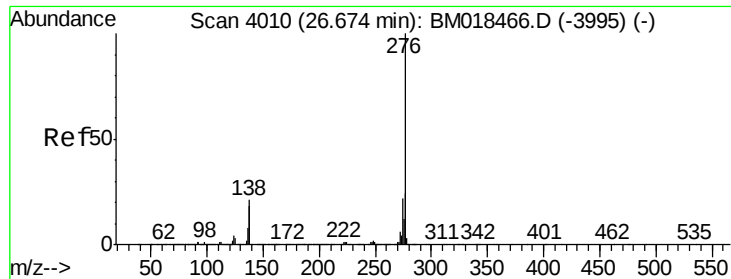
Sohil
1/10/2019 3:12:08 PM



#91
Dibenzo(a,h)anthracene
Concen: 37.471 ng
RT: 25.99 min Scan# 3893
Delta R.T. 0.02 min
Lab File: BM018488.D
Acq: 10 Jan 2019 00:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	23.7	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 38.675 ng
 RT: 26.69 min Scan# 4013
 Delta R.T. 0.04 min
 Lab File: BM018488.D
 Acq: 10 Jan 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.5	19.0	28.4	
138	20.1	18.1	27.1	

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:12:08 PM

