

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018290.D
 Acq On : 19 Dec 2018 10:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:55:00 PM

Quant Time: Dec 20 13:28:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	113534	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	486076	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	276689	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	621849	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	673942	20.00	ng	-0.01
87) Perylene-d12	23.29	264	552586	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	590876	86.94	ng	0.00
7) Phenol-d6	6.69	99	807857	85.52	ng	-0.01
23) Nitrobenzene-d5	8.65	82	862485	91.01	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	337168	83.03	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1807580	84.62	ng	-0.02
79) Terphenyl-d14	19.56	244	2520338	84.58	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.13	88	122952	45.668 ng	97
3) Pyridine	3.50	79	369327	46.630 ng	99
4) n-Nitrosodimethylamine	3.43	42	126947	46.565 ng	96
6) Aniline	6.84	93	501138	42.289 ng	99
8) 2-Chlorophenol	7.06	128	332791	41.443 ng	97
9) Benzaldehyde	6.66	77	239936	41.670 ng	93
10) Phenol	6.72	94	426449	42.626 ng	97
11) bis(2-Chloroethyl)ether	6.94	93	330625	41.583 ng	99
12) 1,3-Dichlorobenzene	7.37	146	364328	40.630 ng	95
13) 1,4-Dichlorobenzene	7.52	146	377532	41.461 ng	97
14) 1,2-Dichlorobenzene	7.83	146	364836	41.563 ng	99
15) Benzyl Alcohol	7.75	79	335951	43.645 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	273035	38.159 ng	92
17) 2-Methylphenol	7.95	107	278883	41.748 ng	94
18) Hexachloroethane	8.53	117	142915	42.821 ng	95
19) n-Nitroso-di-n-propylamine	8.30	70	310299	43.993 ng	98
20) 3+4-Methylphenols	8.27	107	393085	41.995 ng	98
22) Acetophenone	8.32	105	537165	41.760 ng	# 99
24) Nitrobenzene	8.69	77	428888	45.295 ng	95
25) Isophorone	9.21	82	681557	43.200 ng	98
26) 2-Nitrophenol	9.39	139	191545	41.244 ng	89
27) 2,4-Dimethylphenol	9.46	122	269529	40.269 ng	95
28) bis(2-Chloroethoxy)methane	9.69	93	431704	41.978 ng	97
29) 2,4-Dichlorophenol	9.92	162	313343	42.224 ng	98
30) 1,2,4-Trichlorobenzene	10.12	180	345771	40.962 ng	91
31) Naphthalene	10.30	128	964861	40.595 ng	98
32) Benzoic acid	9.65	122	245085m	38.670 ng	
33) 4-Chloroaniline	10.44	127	432000	41.493 ng	98
34) Hexachlorobutadiene	10.57	225	226484	42.423 ng	99
35) Caprolactam	11.26	113	117513	41.557 ng	95
36) 4-Chloro-3-methylphenol	11.57	107	375150	42.071 ng	97
37) 2-Methylnaphthalene	11.93	142	677430	40.416 ng	97
38) 1-Methylnaphthalene	12.15	142	668227	40.856 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	400026	42.043 ng	99

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 SSTDC040

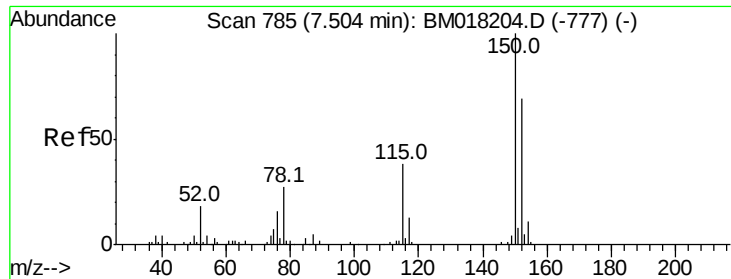
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	144370	39.236	ng	96
43) 2,4,6-Trichlorophenol	12.56	196	266843	43.605	ng	94
44) 2,4,5-Trichlorophenol	12.65	196	268132	41.272	ng	98
46) 1,1'-Biphenyl	12.97	154	1034947	41.578	ng	97
47) 2-Chloronaphthalene	13.00	162	766947	41.862	ng	99
48) 2-Nitroaniline	13.24	65	257815	45.682	ng	92
49) Acenaphthylene	13.86	152	1150247	41.662	ng	99
50) Dimethylphthalate	13.62	163	950102	41.303	ng	99
51) 2,6-Dinitrotoluene	13.75	165	210368	41.601	ng	92
52) Acenaphthene	14.21	154	694973	41.189	ng	99
53) 3-Nitroaniline	14.09	138	221074	41.543	ng	92
54) 2,4-Dinitrophenol	14.30	184	106561	38.201	ng	93
55) Dibenzofuran	14.55	168	1124618	41.481	ng	99
56) 4-Nitrophenol	14.42	139	160226	39.712	ng	84
57) 2,4-Dinitrotoluene	14.55	165	300025	42.924	ng	# 85
58) Fluorene	15.20	166	883461	42.191	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	242083	41.375	ng	98
60) Diethylphthalate	15.00	149	1029155	41.458	ng	98
61) 4-Chlorophenyl-phenylether	15.21	204	504796	42.626	ng	100
62) 4-Nitroaniline	15.26	138	215094	42.598	ng	87
63) Azobenzene	15.50	77	1044955	46.165	ng	98
65) 4,6-Dinitro-2-methylphenol	15.32	198	180973	39.532	ng	93
66) n-Nitrosodiphenylamine	15.43	169	836582	40.683	ng	99
67) 4-Bromophenyl-phenylether	16.10	248	304571	40.442	ng	97
68) Hexachlorobenzene	16.21	284	336881	40.831	ng	95
69) Atrazine	16.40	200	281707	40.579	ng	99
70) Pentachlorophenol	16.57	266	221377	40.627	ng	98
71) Phenanthrene	16.95	178	1384287	40.983	ng	100
72) Anthracene	17.04	178	1375008	41.033	ng	99
73) Carbazole	17.33	167	1406628	40.897	ng	99
74) Di-n-butylphthalate	17.89	149	1761430	41.506	ng	99
75) Fluoranthene	18.98	202	1626074	41.406	ng	100
77) Benzidine	19.19	184	578175	33.831	ng	99
78) Pyrene	19.35	202	1686904	42.008	ng	99
80) Butylbenzylphthalate	20.27	149	812933	42.553	ng	96
81) Benzo(a)anthracene	21.12	228	1592439	40.450	ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	642082	40.824	ng	99
83) Chrysene	21.17	228	1522043	40.195	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1205256	42.332	ng	97
85) Di-n-octyl phthalate	21.92	149	1875399	40.220	ng	99
86) Indeno(1,2,3-cd)pyrene	25.41	276	1252043	33.193	ng	98
88) Benzo(b)fluoranthene	22.64	252	1347776	43.421	ng	100
89) Benzo(k)fluoranthene	22.69	252	1351119	43.707	ng	99
90) Benzo(a)pyrene	23.19	252	1212028	41.055	ng	99
91) Dibenzo(a,h)anthracene	25.42	278	1075737	39.337	ng	99
92) Benzo(g,h,i)perylene	26.06	276	1012254	39.158	ng	99

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



#1

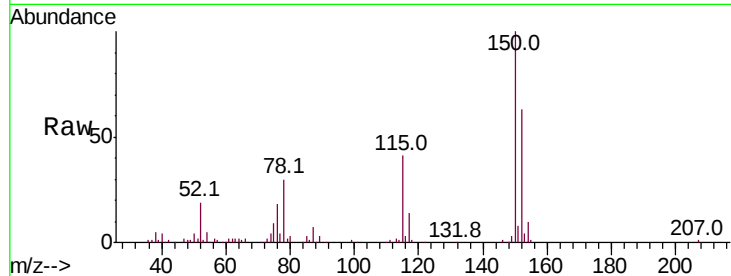
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	116.1	174.1
115	64.7	44.6	67.0

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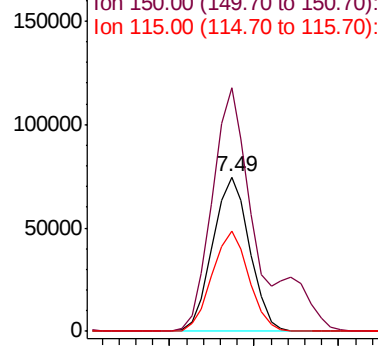


Abundance

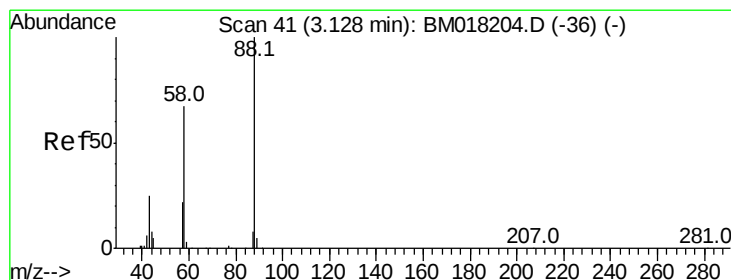
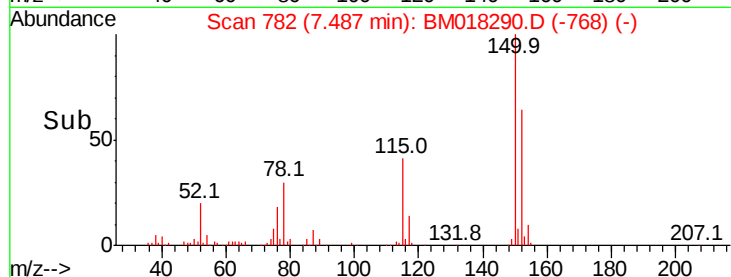
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



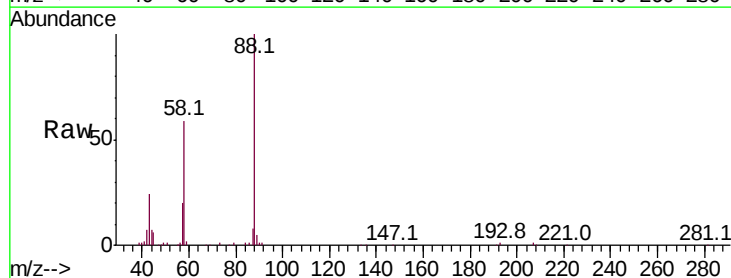
Time-->



#2

1,4-Dioxane
Concen: 45.668 ng
RT: 3.13 min Scan# 41
Delta R.T. -0.00 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	49.8	74.6
43	26.2	19.1	28.7

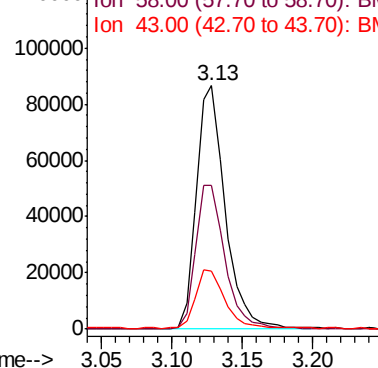


Abundance

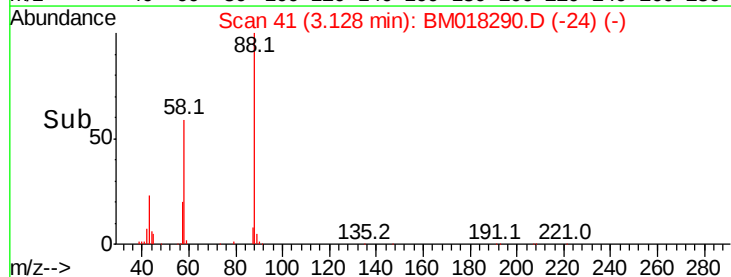
Ion 88.00 (87.70 to 88.70): BM0

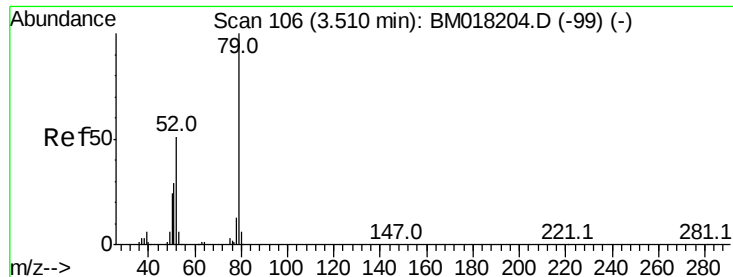
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



Time-->





#3

Pvridine

Concen: 46.630 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

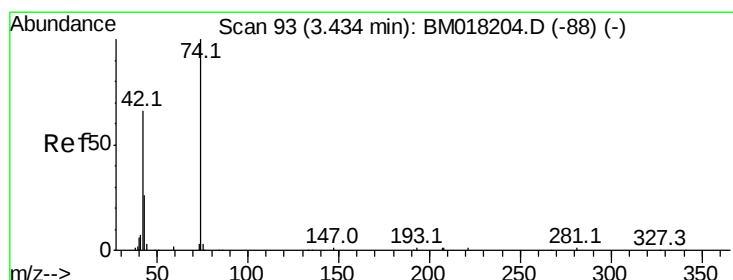
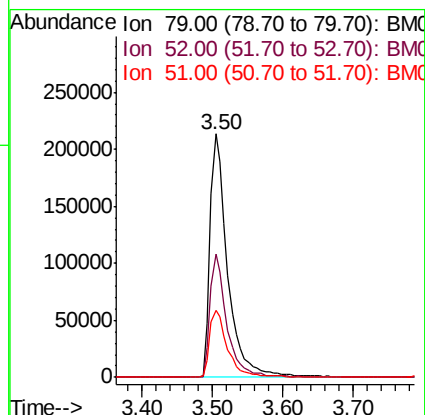
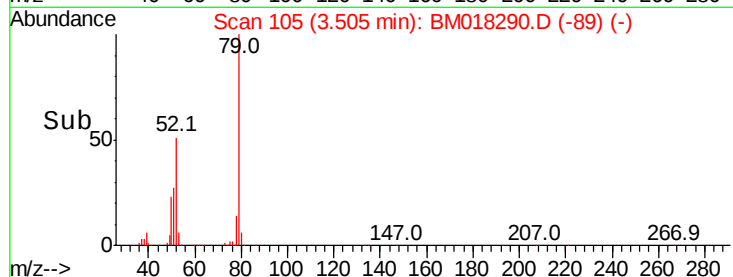
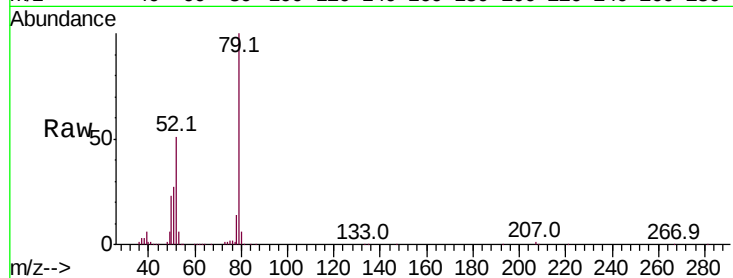
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	369327
Ion Ratio	Lower	Upper	
79	100		
52	50.7	40.7	61.1
51	27.4	23.0	34.6

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#4

n-Nitrosodimethylamine

Concen: 46.565 ng

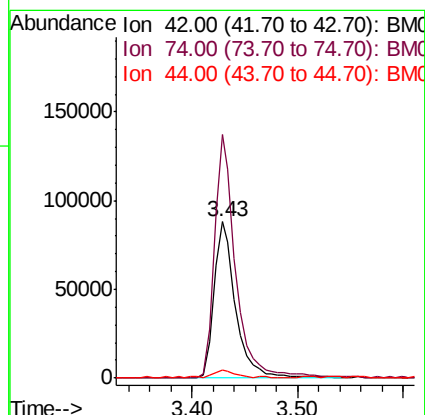
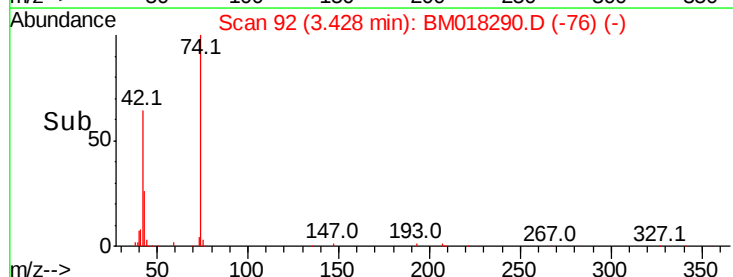
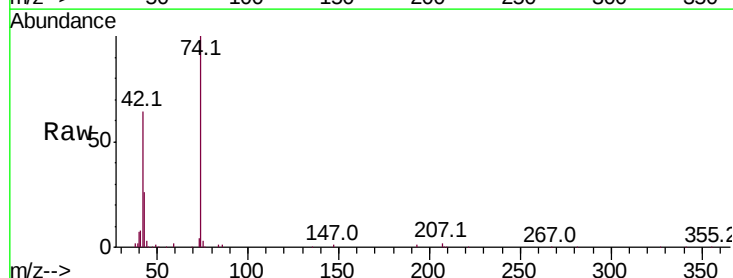
RT: 3.43 min Scan# 92

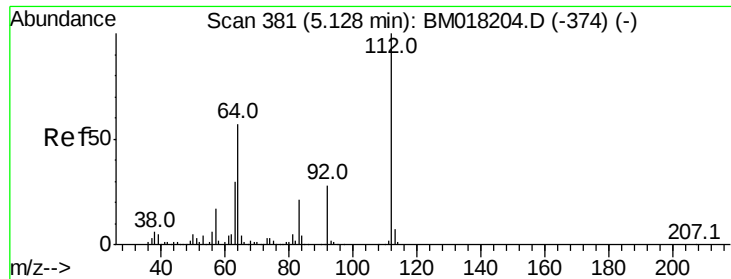
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	42	Resp:	126947
Ion Ratio	Lower	Upper	
42	100		
74	155.7	120.4	180.6
44	5.0	4.6	7.0





#5

2-Fluorophenol

Concen: 86.939 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

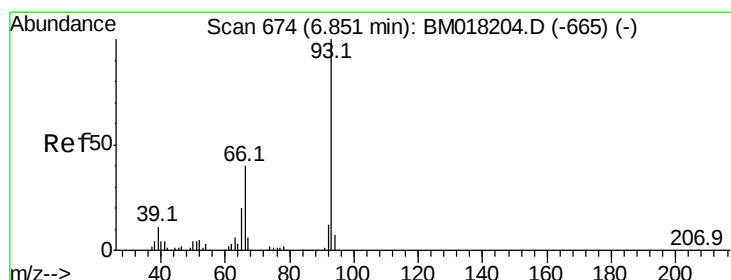
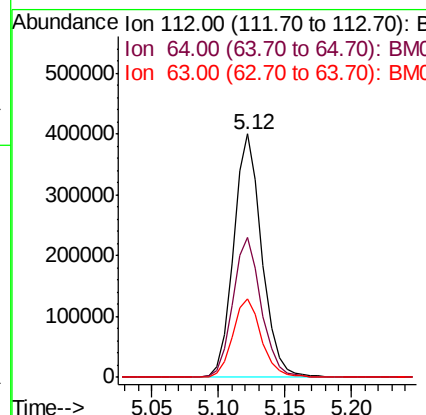
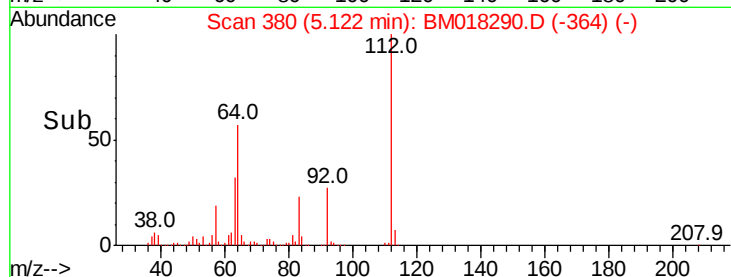
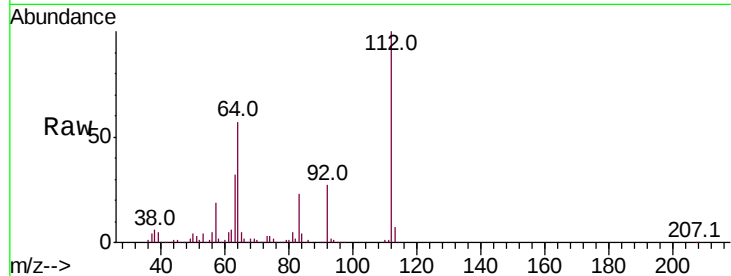
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	590876
Ion Ratio	Lower	Upper	
112	100		
64	57.4	45.4	68.2
63	32.3	24.0	36.0

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#6

Aniline

Concen: 42.289 ng

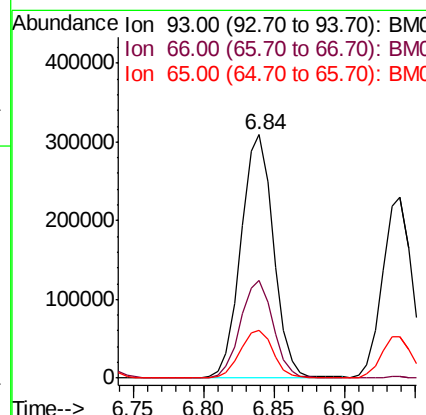
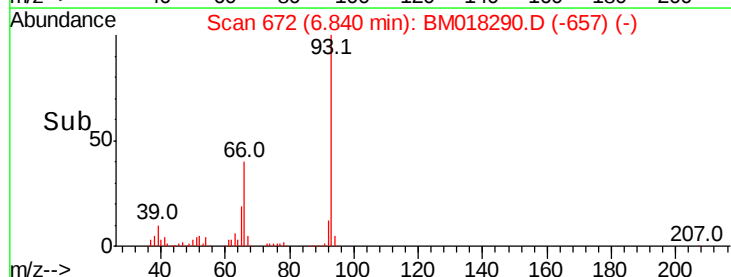
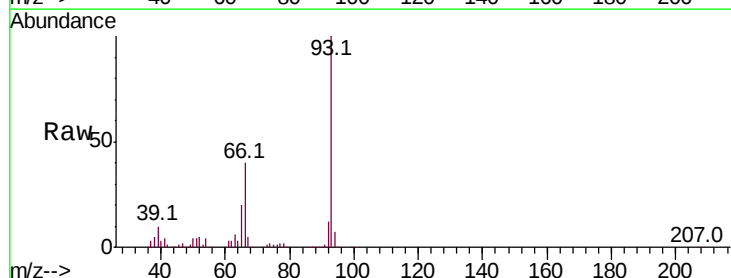
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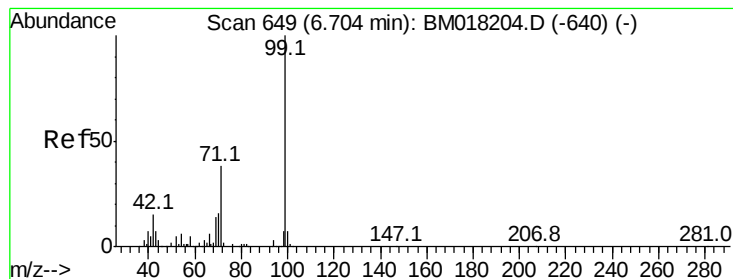
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	93	Resp:	501138
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.3	48.5
65	19.7	16.2	24.4





#7

Phenol-d6

Concen: 85.519 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

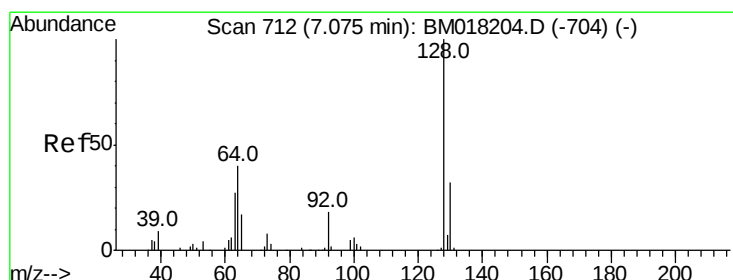
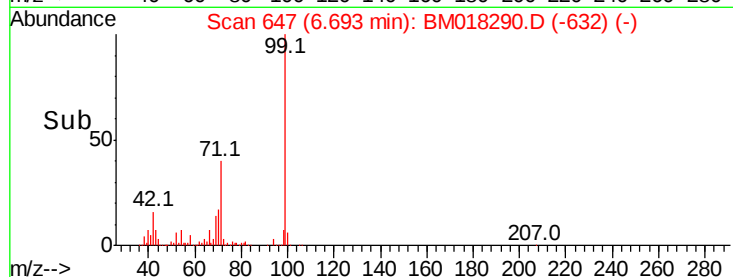
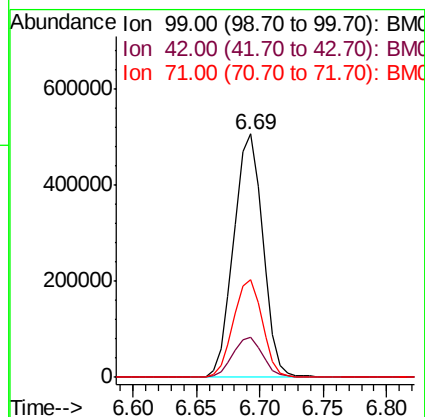
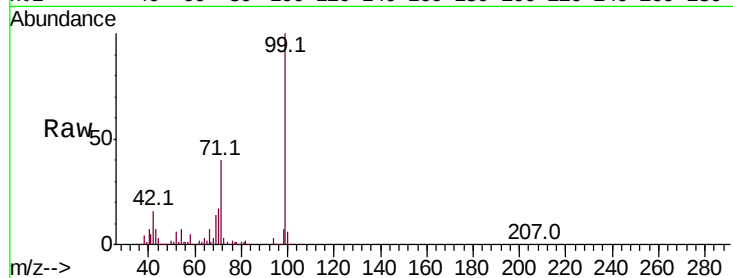
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	807857
Ion Ratio	Lower	Upper	
99	100		
42	16.5	12.3	18.5
71	40.3	30.2	45.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.443 ng

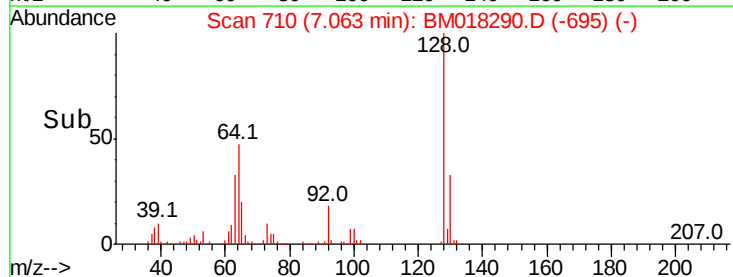
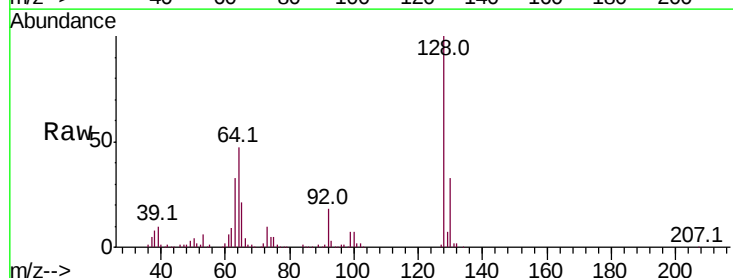
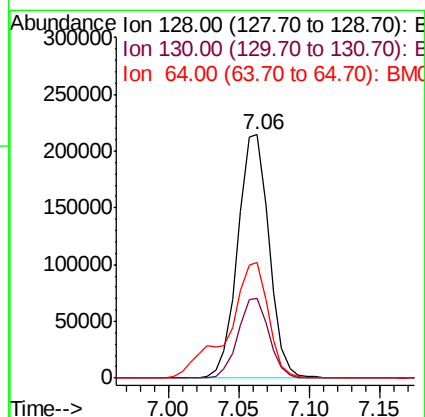
RT: 7.06 min Scan# 710

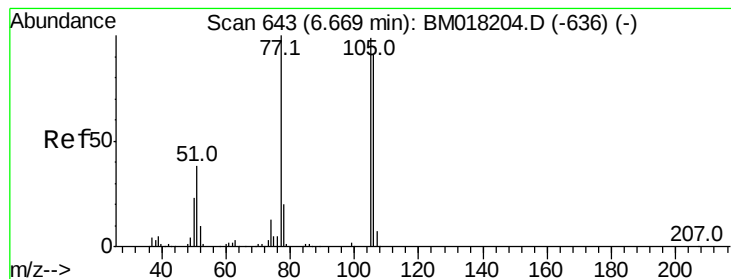
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	128	Resp:	332791
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.3	52.3
64	47.3	24.1	64.1





#9

Benzaldehyde

Concen: 41.670 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

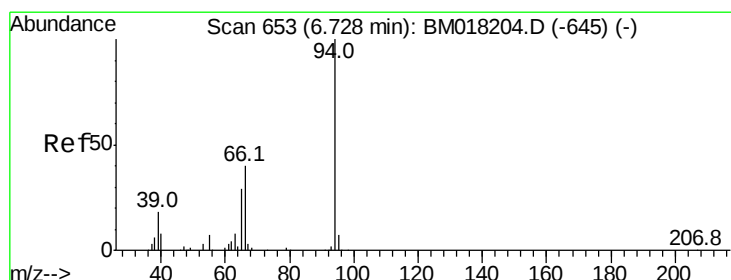
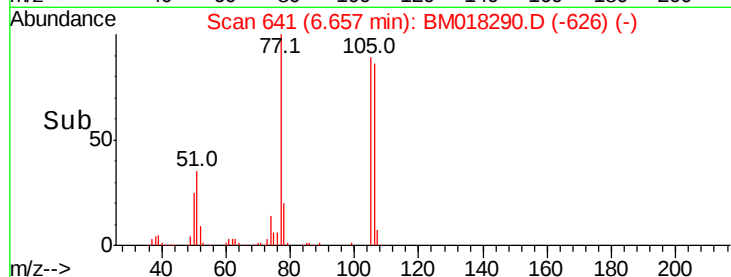
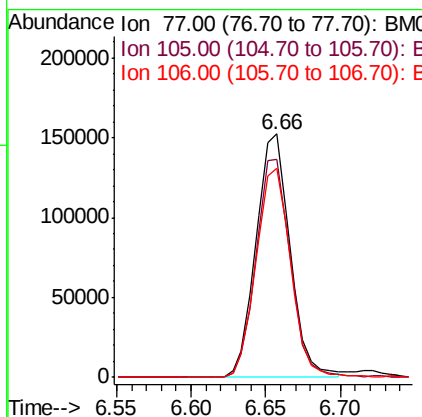
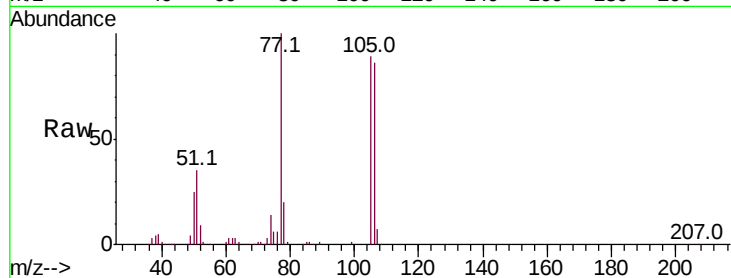
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	239936
Ion Ratio	Lower	Upper	
77	100		
105	89.4	78.8	118.8
106	86.0	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 42.626 ng

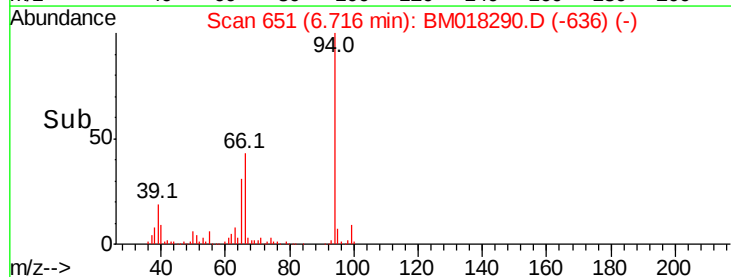
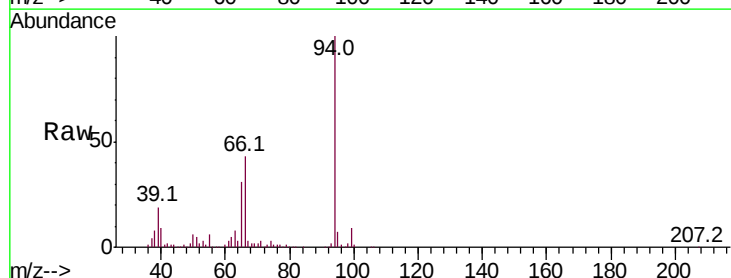
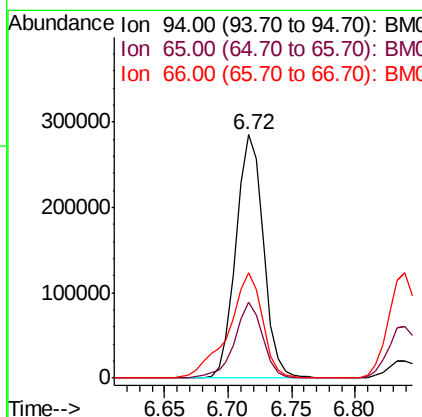
RT: 6.72 min Scan# 651

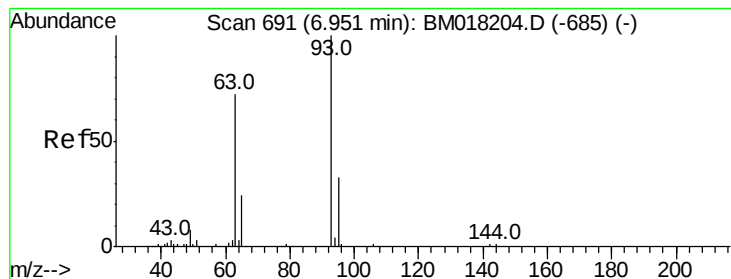
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	94	Resp:	426449
Ion Ratio	Lower	Upper	
94	100		
65	31.4	9.5	49.5
66	43.2	21.3	61.3





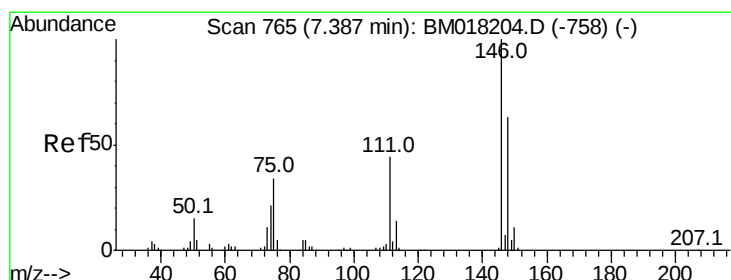
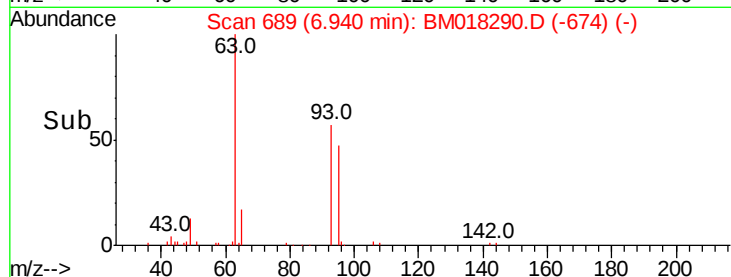
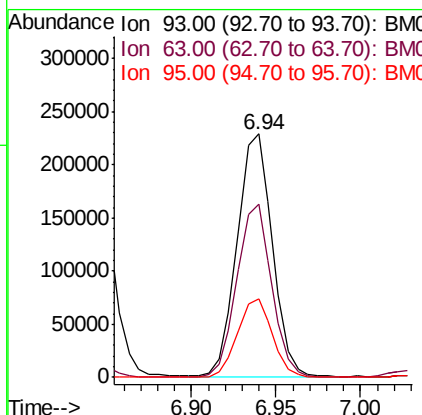
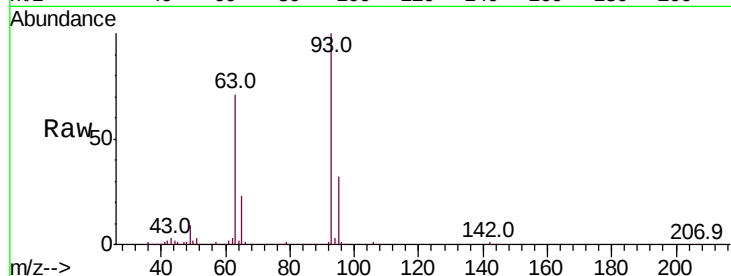
#11
bis(2-Chloroethyl)ether
Concen: 41.583 ng
RT: 6.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	51.7	91.7
95	32.1	13.1	53.1

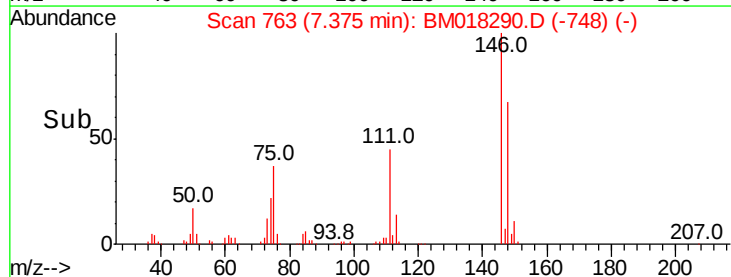
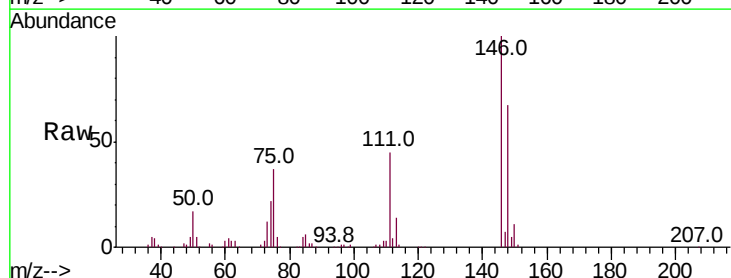
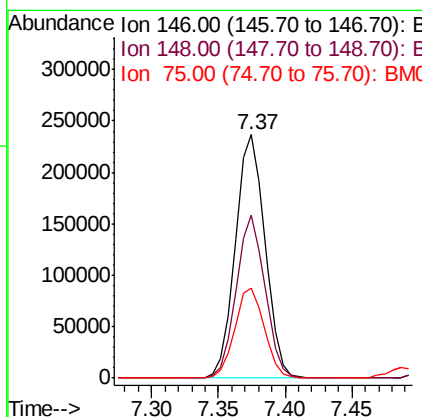
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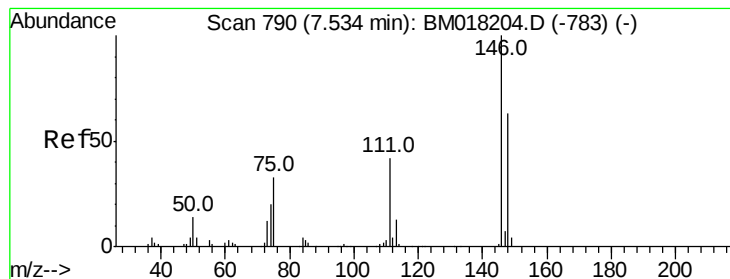
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.630 ng
RT: 7.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.6	76.0
75	37.2	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.461 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

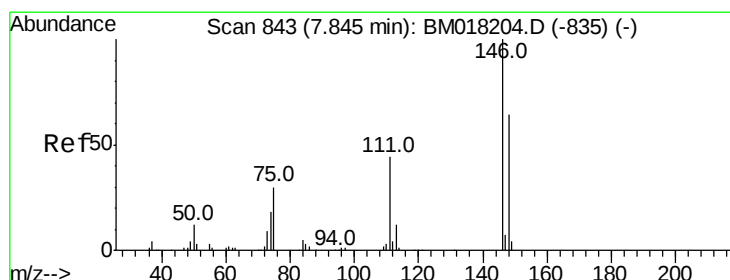
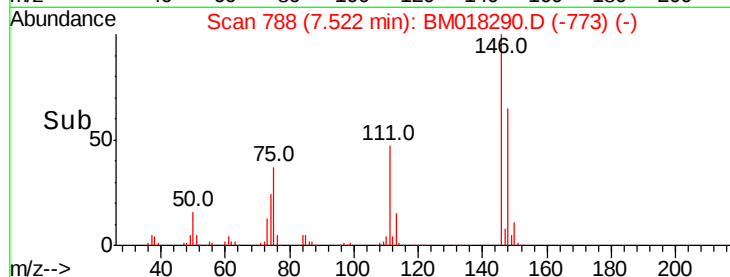
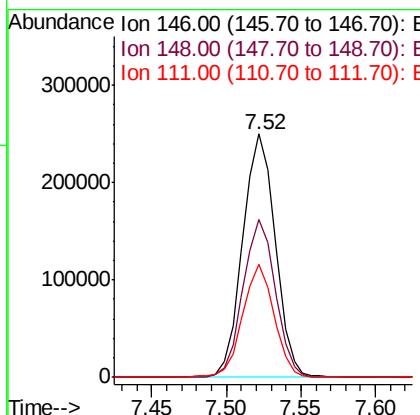
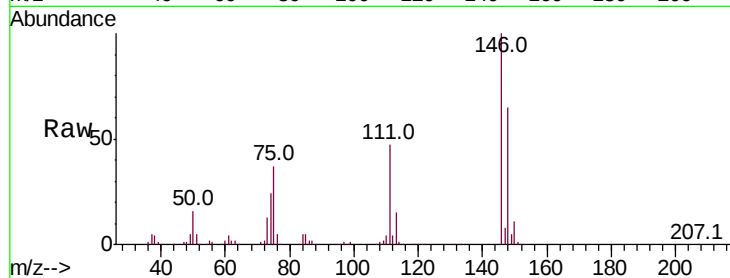
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	377532
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.7	76.1
111	46.5	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 41.563 ng

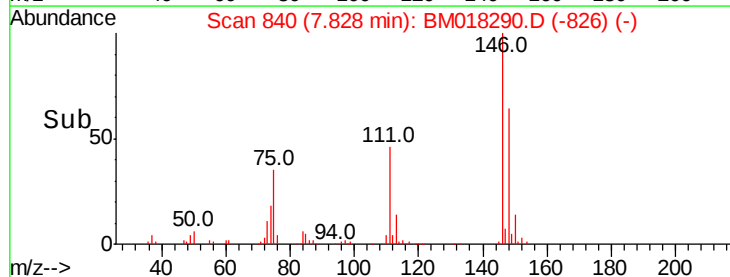
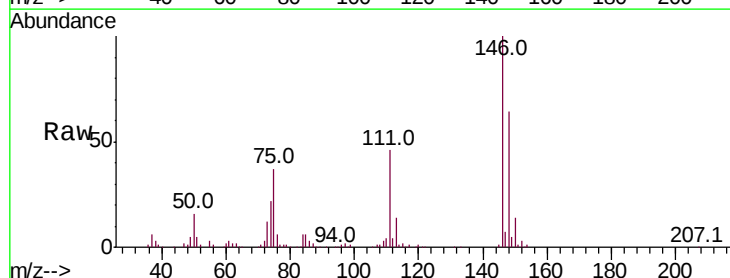
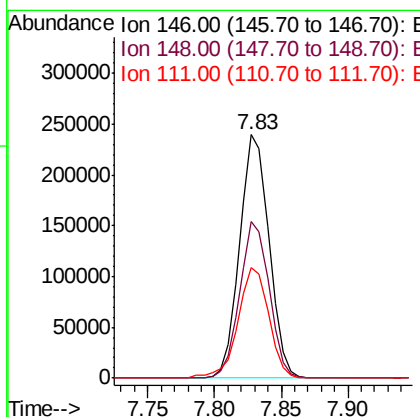
RT: 7.83 min Scan# 840

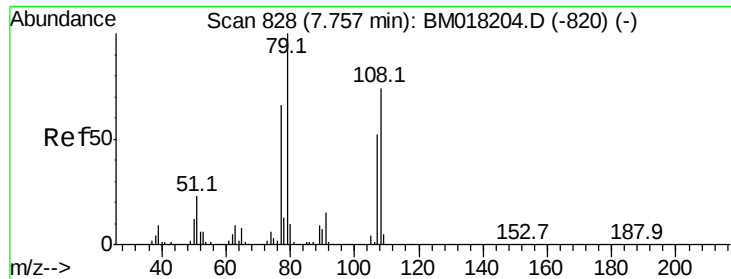
Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	146	Resp:	364836
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.3	76.9
111	45.6	35.8	53.8





#15

Benzyl Alcohol

Concen: 43.645 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

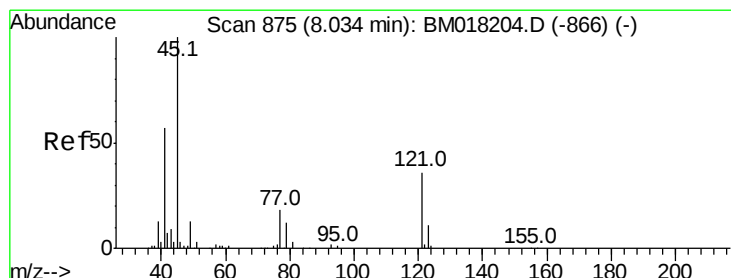
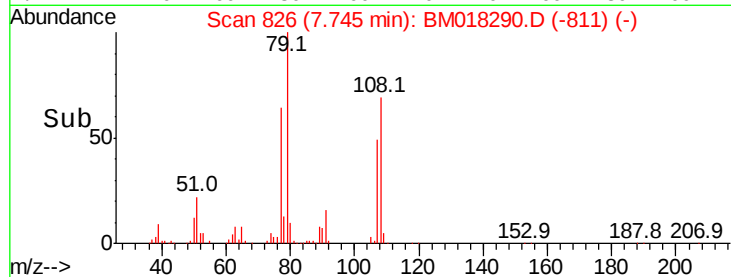
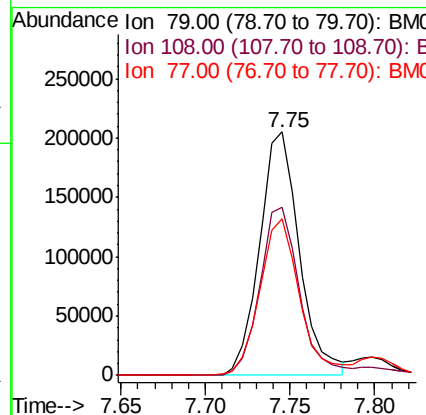
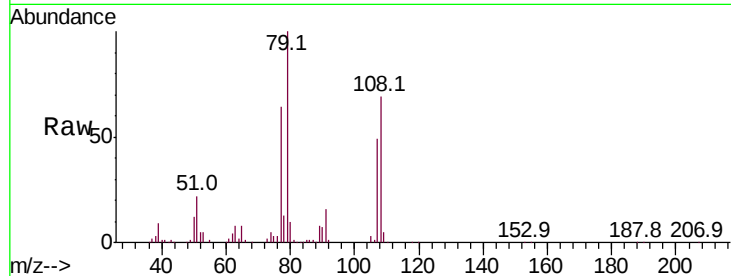
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	335951
Ion Ratio	Lower	Upper	
79	100		
108	69.0	59.3	88.9
77	64.3	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.159 ng

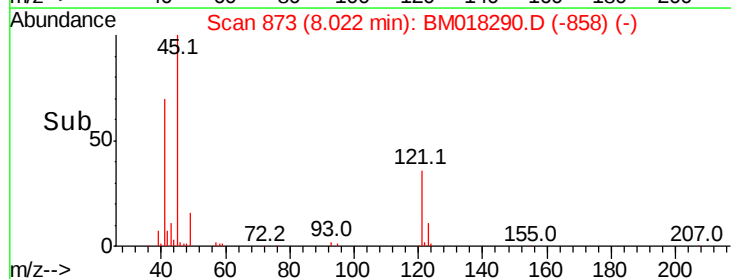
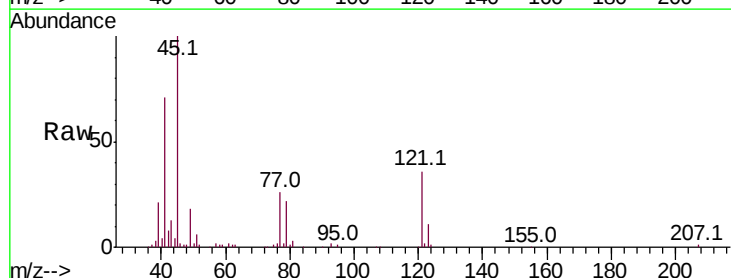
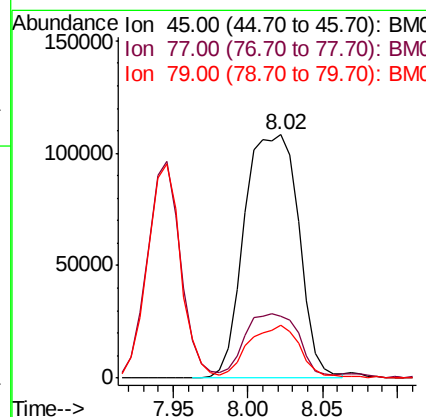
RT: 8.02 min Scan# 873

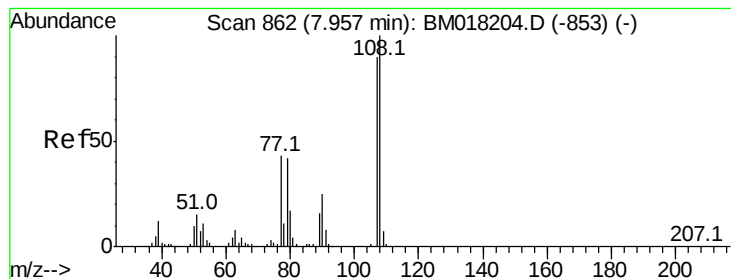
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	45	Resp:	273035
Ion Ratio	Lower	Upper	
45	100		
77	25.5	2.5	42.5
79	21.6	0.0	37.2





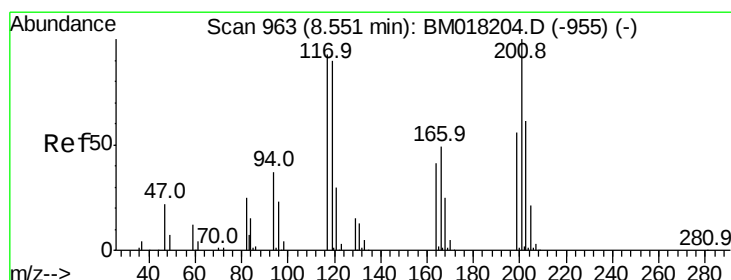
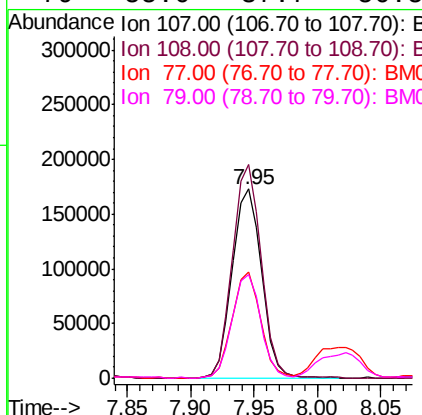
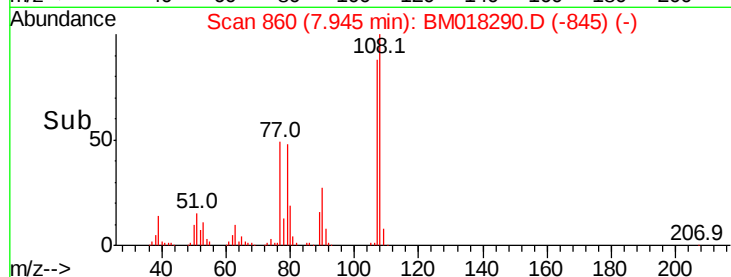
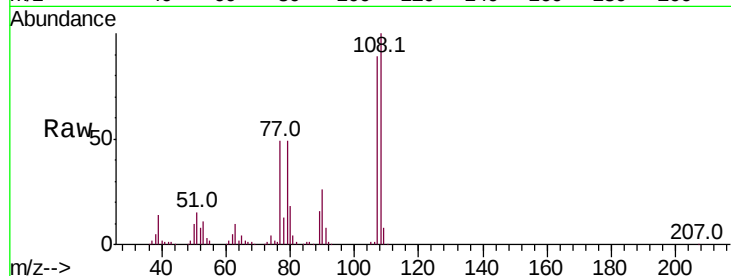
#17
2-Methylphenol
Concen: 41.748 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.0	89.3	133.9	
77	77	55.9	38.2	57.4	
79	79	55.0	37.7	56.5	

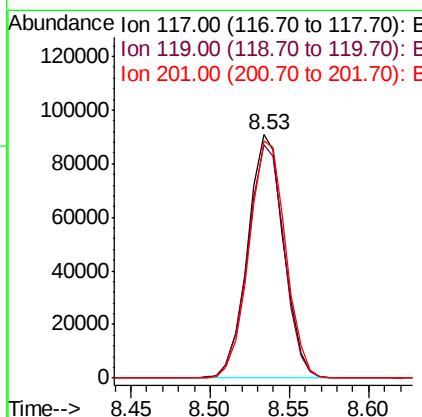
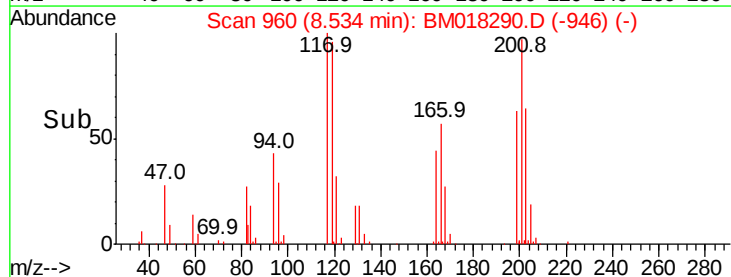
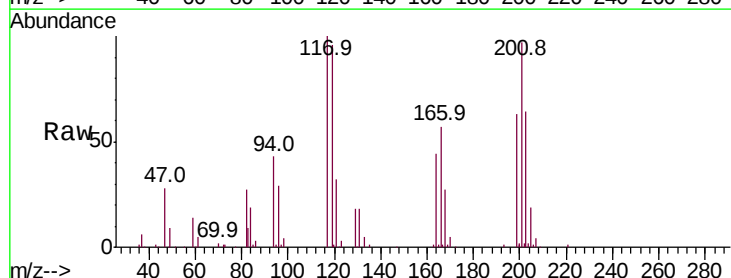
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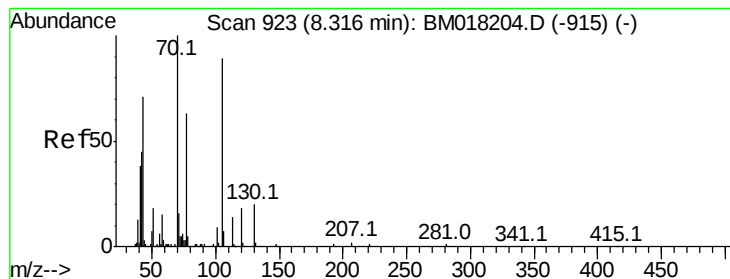
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#18
Hexachloroethane
Concen: 42.821 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.7	77.0	115.4	
201	201	97.2	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 43.993 ng

RT: 8.30 min Scan# 920

Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 310299

Ion Ratio Lower Upper

70 100

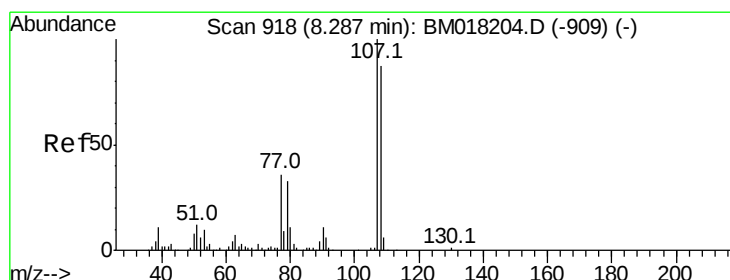
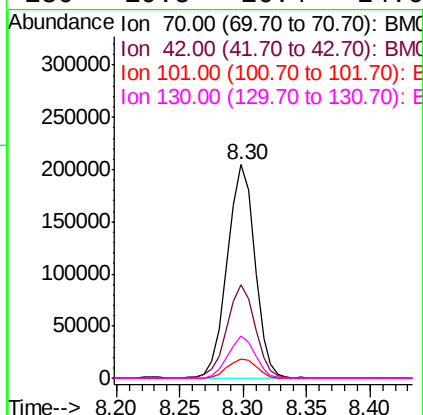
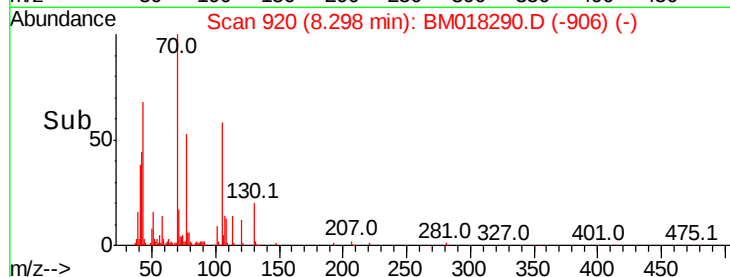
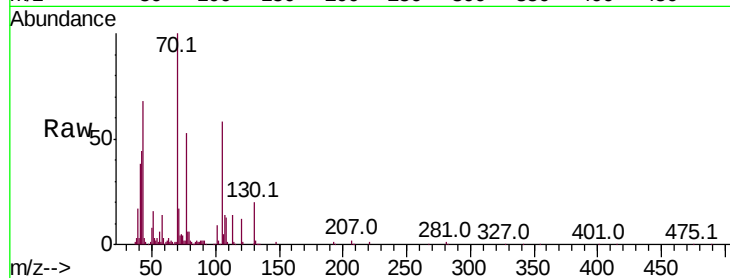
42 43.7 36.2 54.2

101 9.1 7.5 11.3

130 19.5 16.4 24.6

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#20

3+4-Methylphenols

Concen: 41.995 ng

RT: 8.27 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion: 107 Resp: 393085

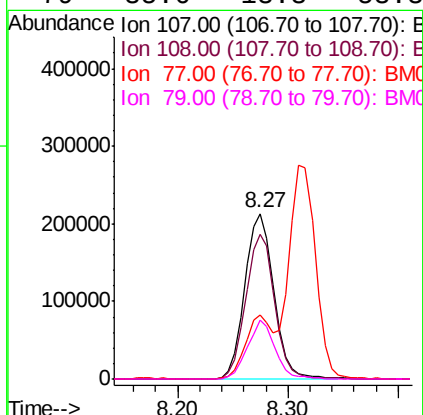
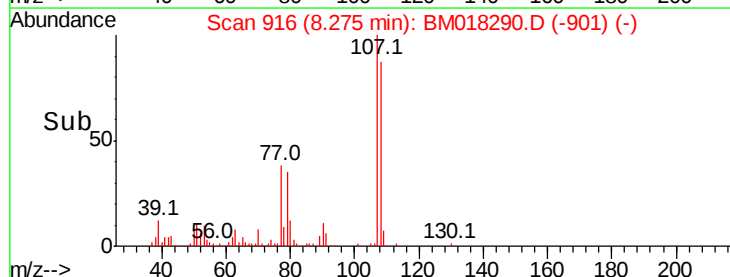
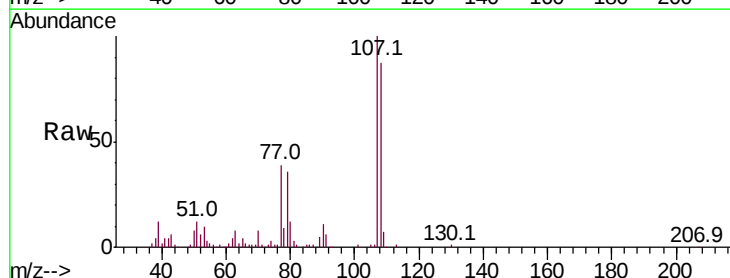
Ion Ratio Lower Upper

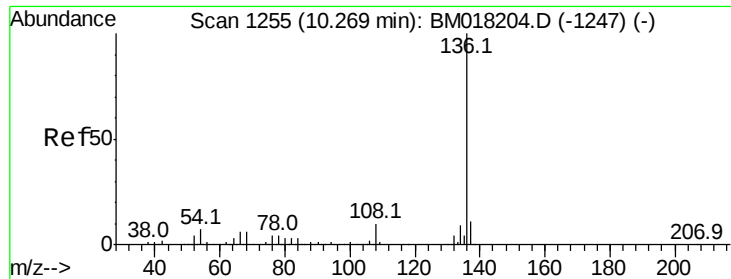
107 100

108 87.3 67.4 107.4

77 38.7 15.7 55.7

79 35.6 13.3 53.3





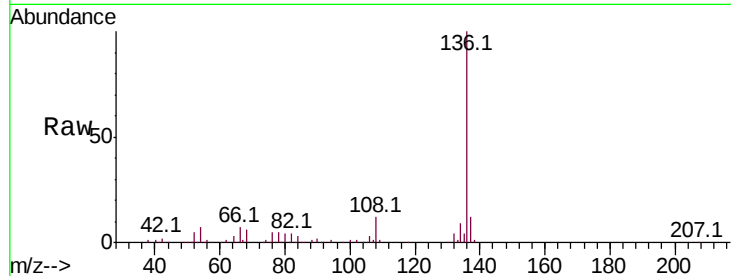
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

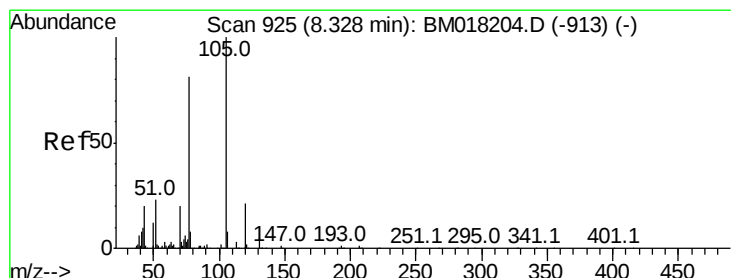
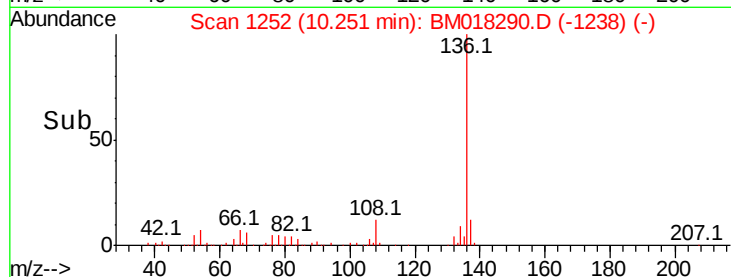
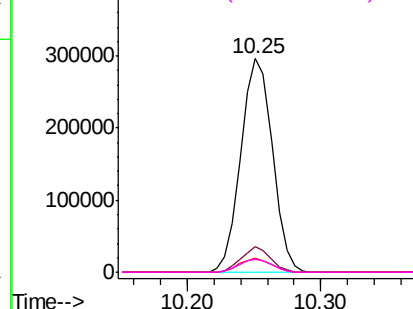
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	9.2	13.8	
54	6.8	5.2	7.8	
68	5.7	5.0	7.6	

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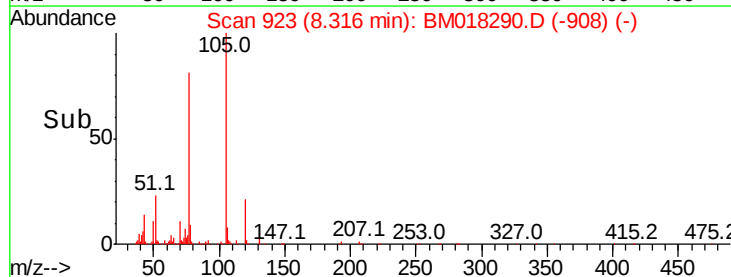
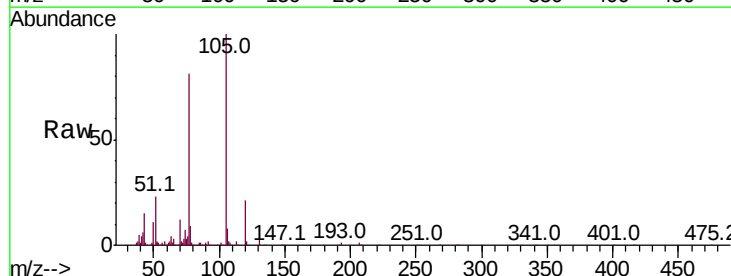
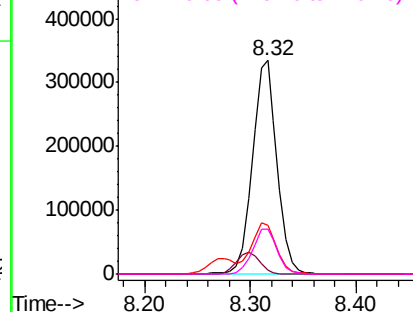
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

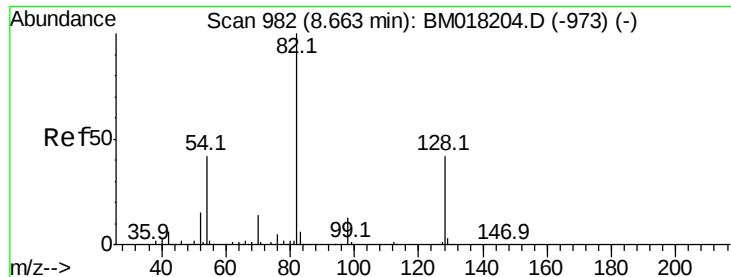


#22
Acetophenone
Concen: 41.760 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	2.6	4.0#	
51	22.5	18.3	27.5	
120	20.9	17.0	25.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





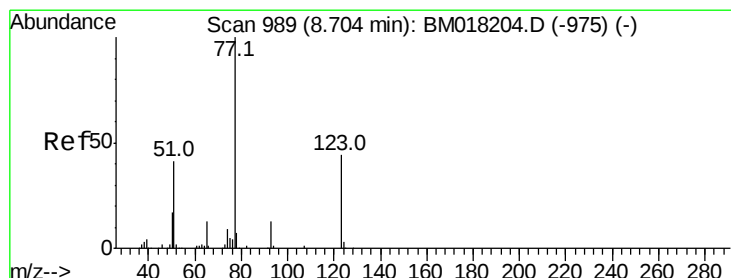
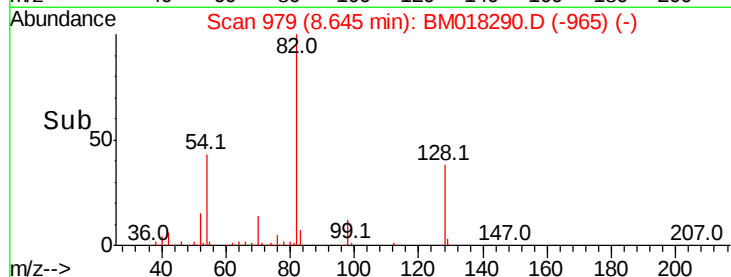
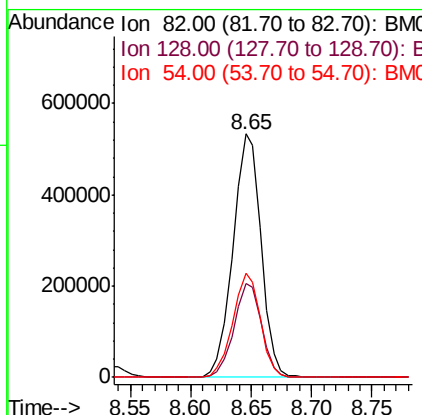
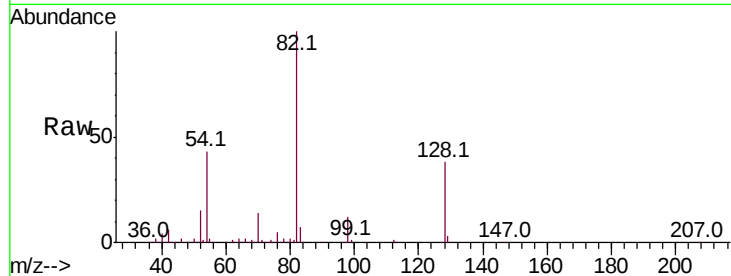
#23
Nitrobenzene-d5
Concen: 91.014 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.4	50.2
54	42.6	33.4	50.2

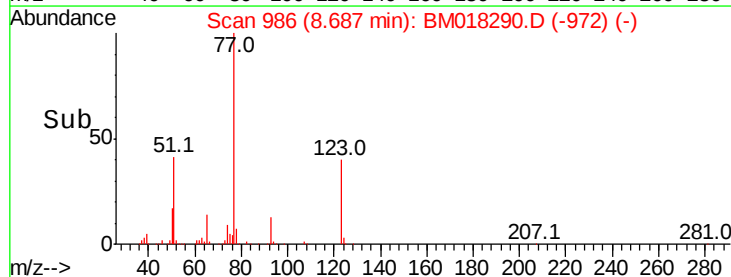
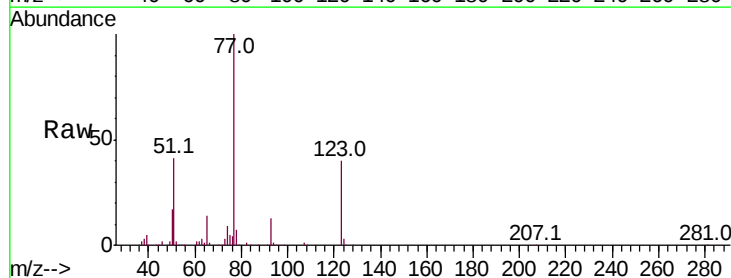
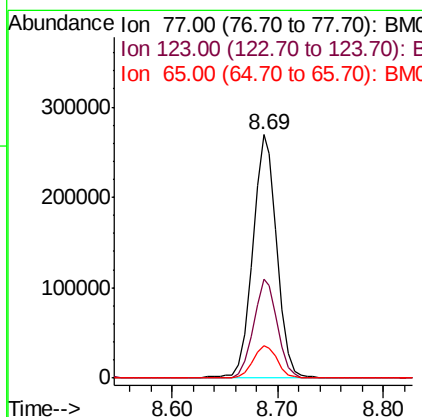
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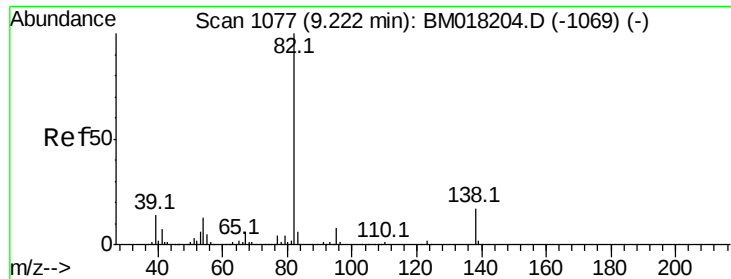
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#24
Nitrobenzene
Concen: 45.295 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	35.4	53.2
65	13.6	10.6	15.8





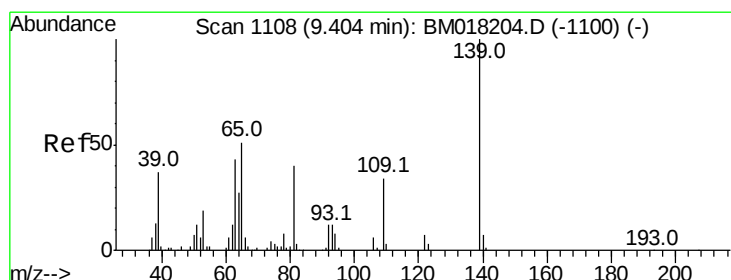
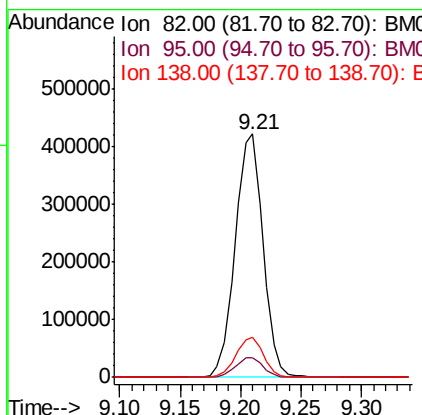
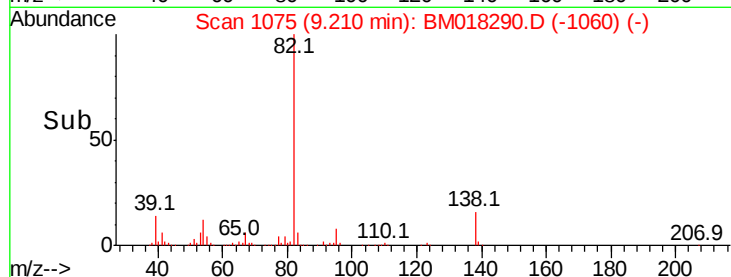
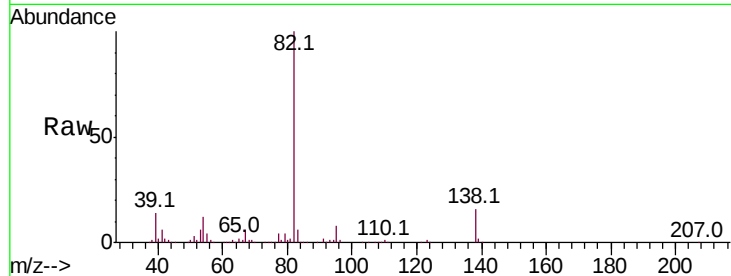
#25
Isophorone
Concen: 43.200 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	681557		
95	7.9		6.4	9.6
138	16.4		13.9	20.9

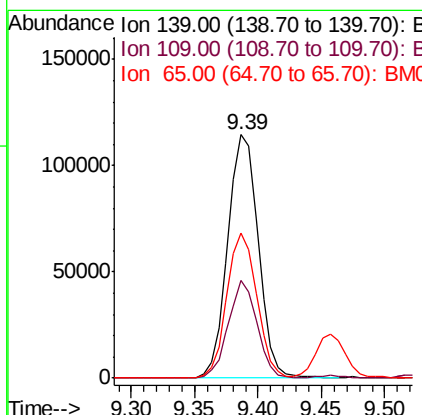
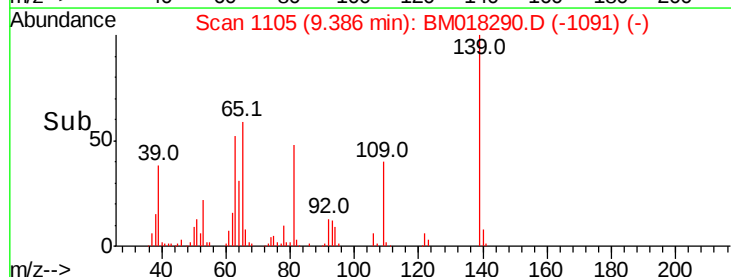
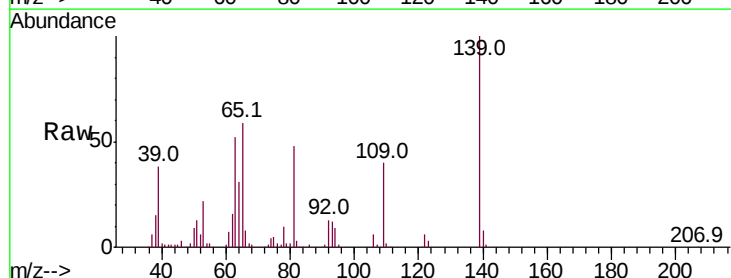
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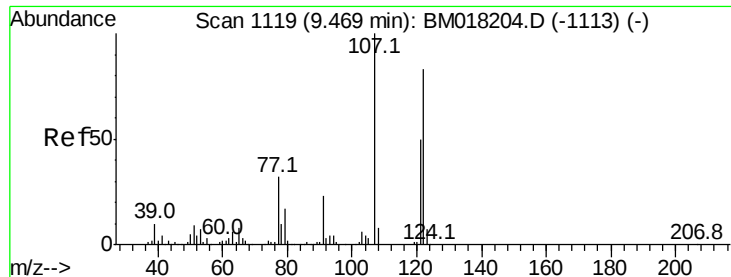
Sohil
12/20/2018 2:55:00 PM



#26
2-Nitrophenol
Concen: 41.244 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	191545		
109	39.9		27.4	41.0
65	59.4		41.0	61.4





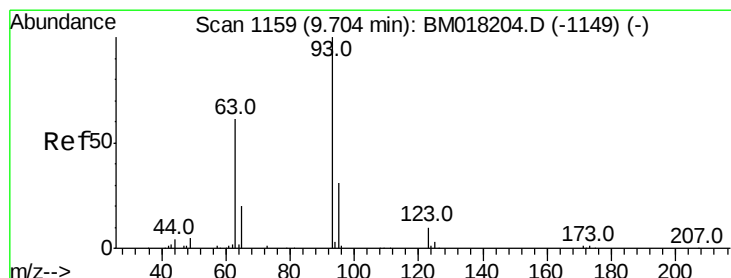
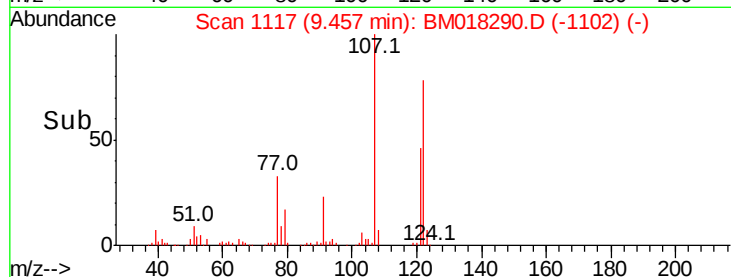
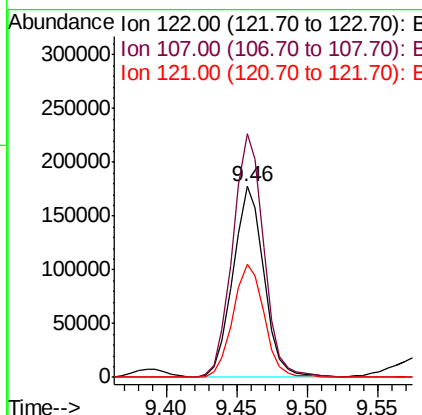
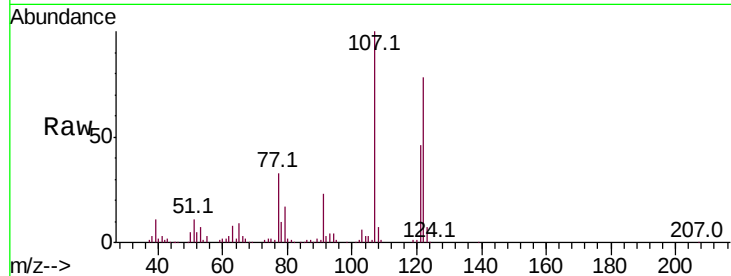
#27
2,4-Dimethylphenol
Concen: 40.269 ng
RT: 9.46 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.5	96.5	144.7
121	59.0	48.2	72.4

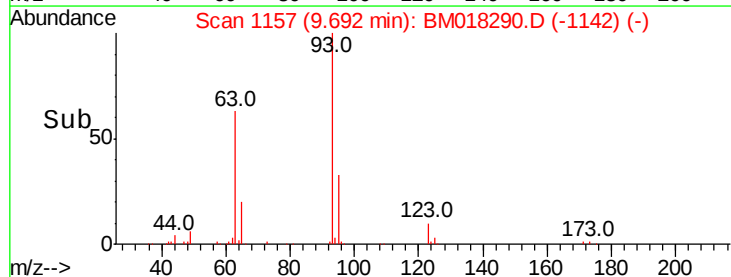
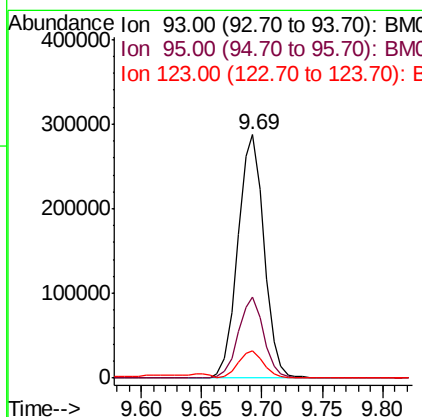
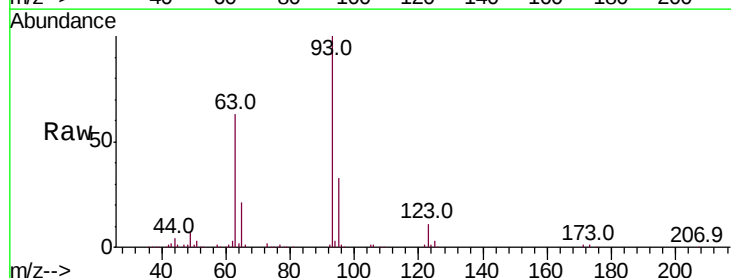
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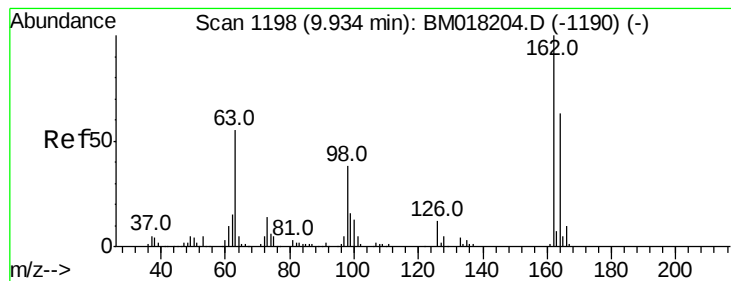
Sohil
12/20/2018 2:55:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.978 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.3	37.9
123	11.0	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 42.224 ng

RT: 9.92 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

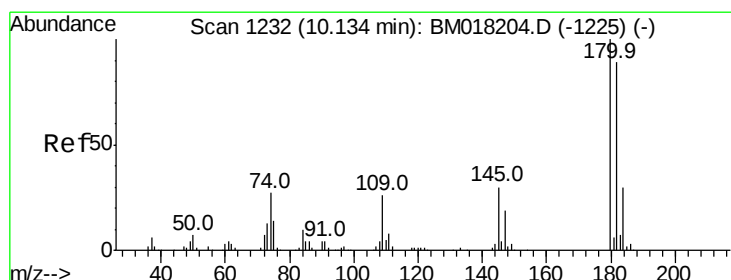
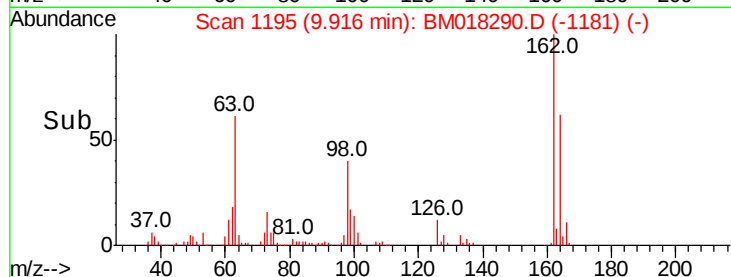
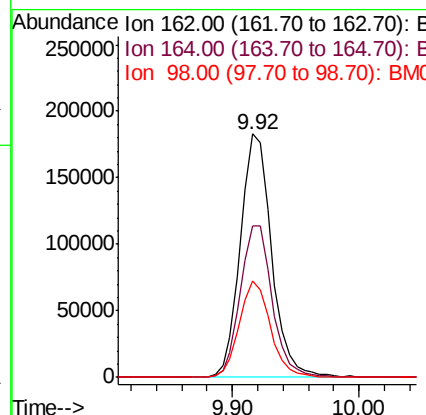
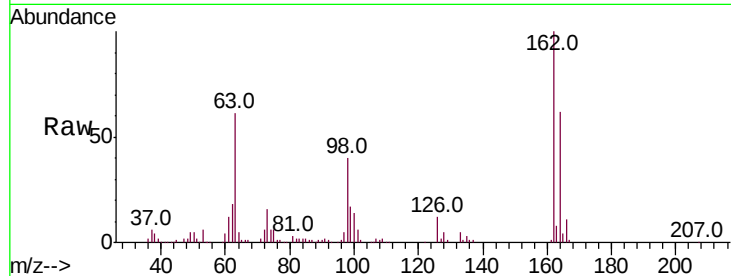
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.2	43.0	83.0	
98	39.7	18.3	58.3	

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#30

1,2,4-Trichlorobenzene

Concen: 40.962 ng

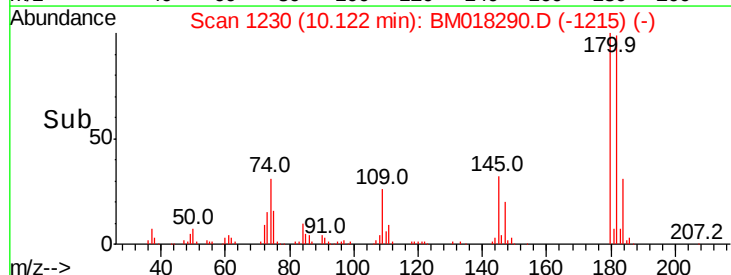
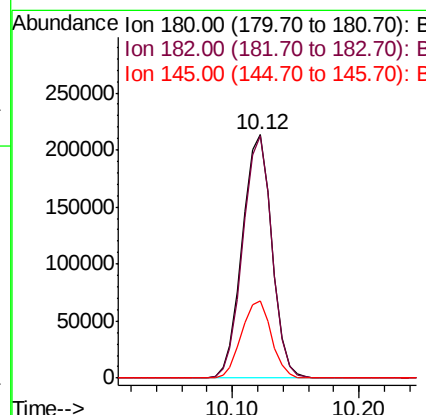
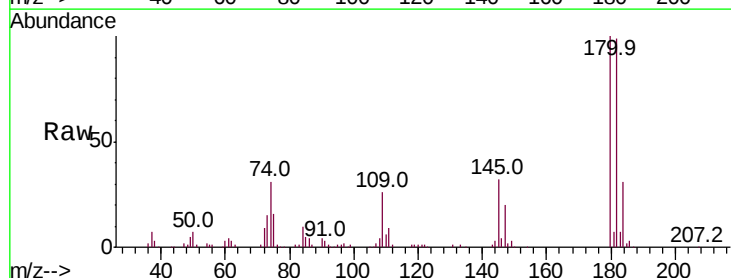
RT: 10.12 min Scan# 1230

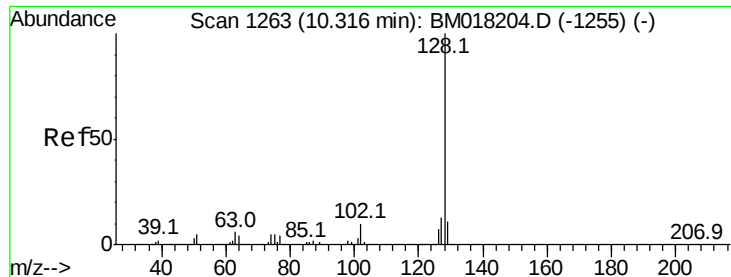
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.3	71.4	107.2	
145	31.8	24.4	36.6	





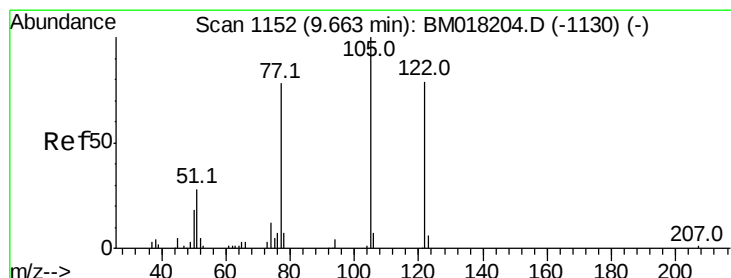
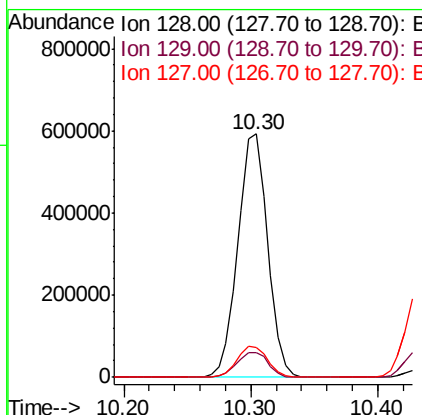
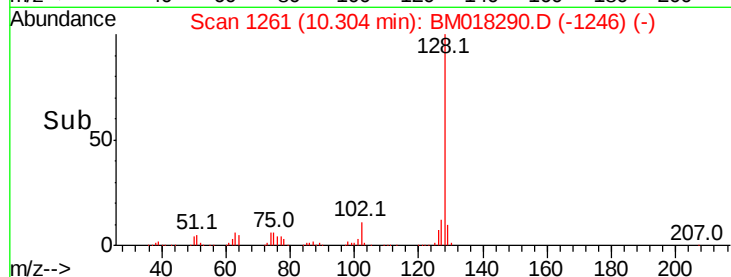
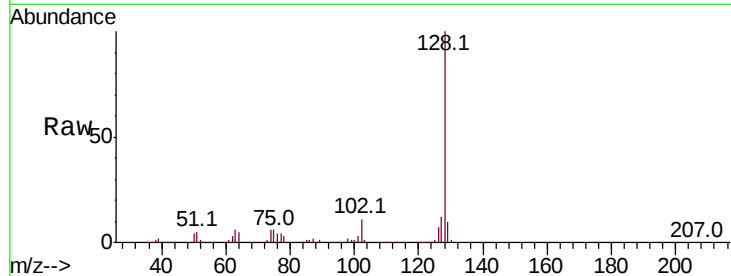
#31
Naphthalene
Concen: 40.595 ng
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	964861		
129	10.3	8.9	13.3	
127	12.4	10.4	15.6	

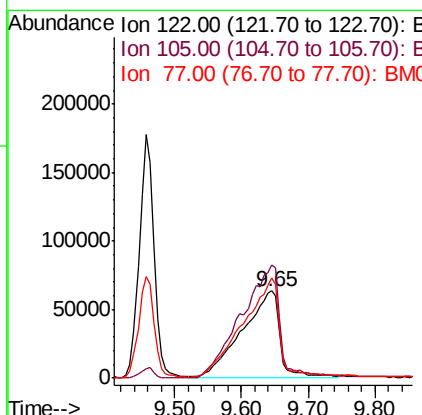
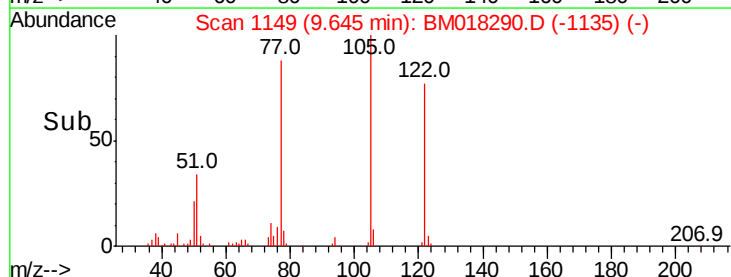
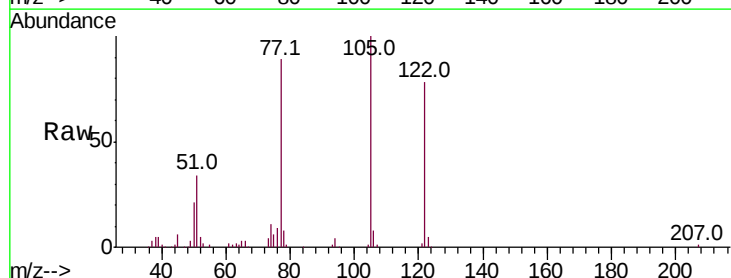
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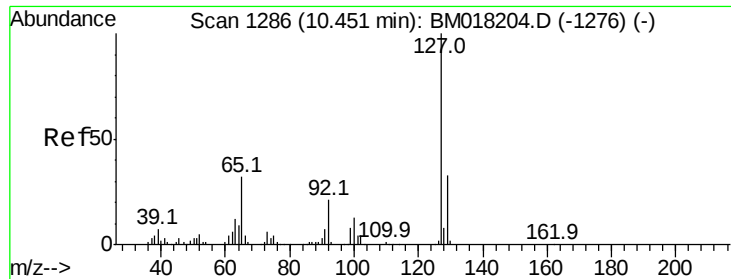
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#32
Benzoic acid
Concen: 38.670 ng m
RT: 9.65 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	245085		
105	128.9	104.8	144.8	
77	114.7	77.7	117.7	





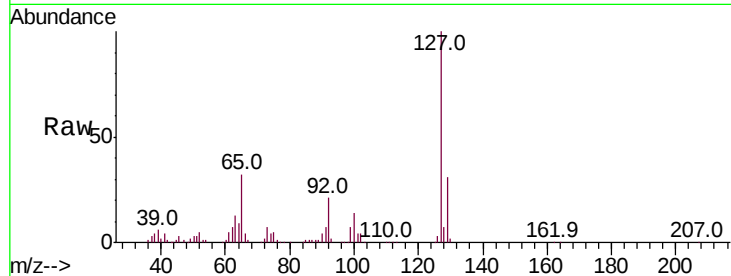
#33
4-Chloroaniline
Concen: 41.493 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

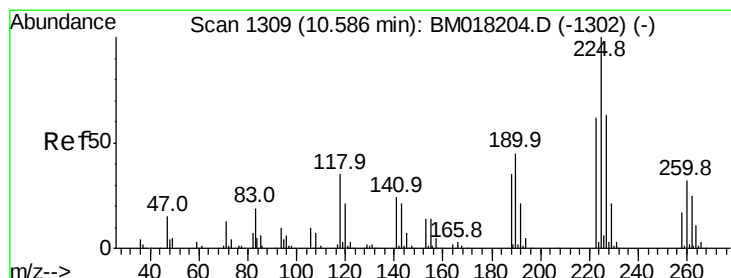
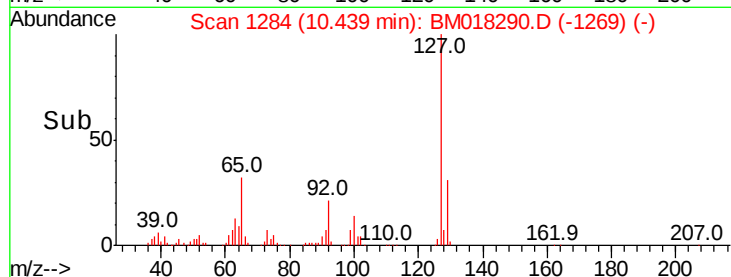
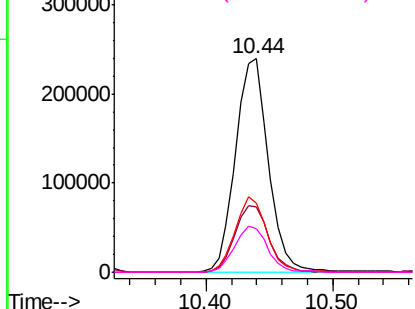
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.4	39.6
65	32.2	25.6	38.4
92	20.7	17.0	25.6

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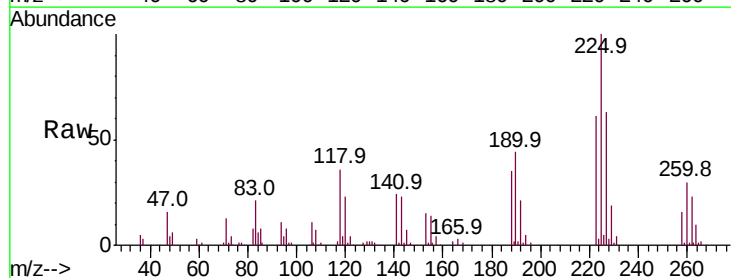


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

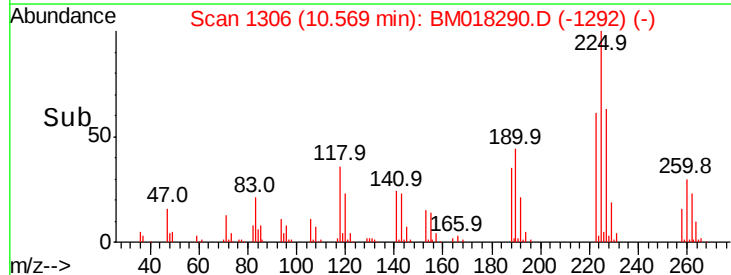
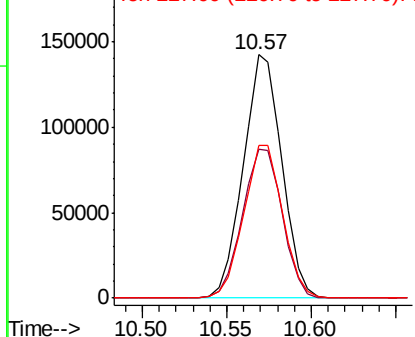


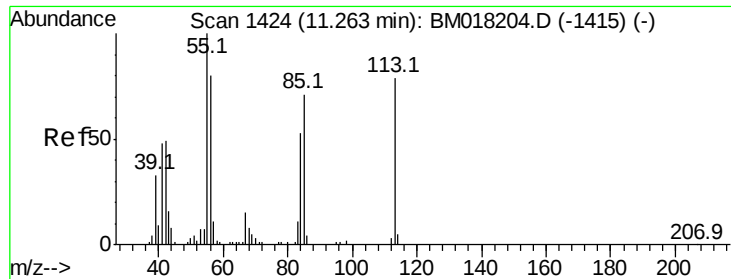
#34
Hexachlorobutadiene
Concen: 42.423 ng
RT: 10.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.8	74.6
227	63.0	50.2	75.4



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





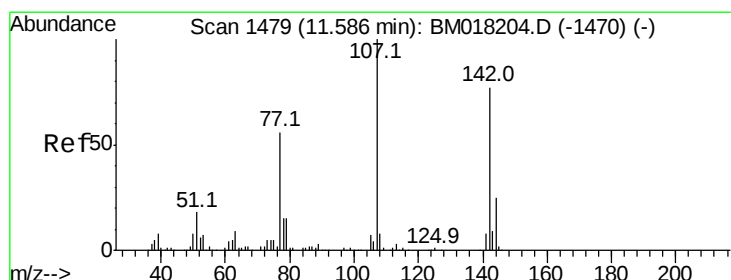
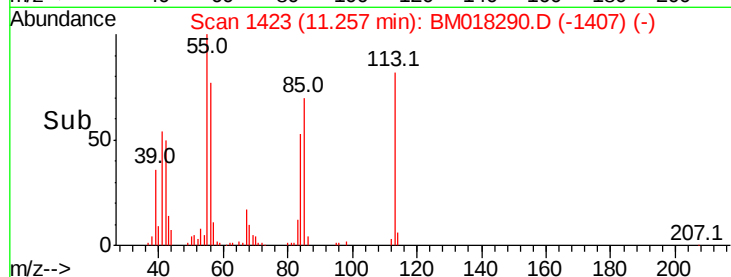
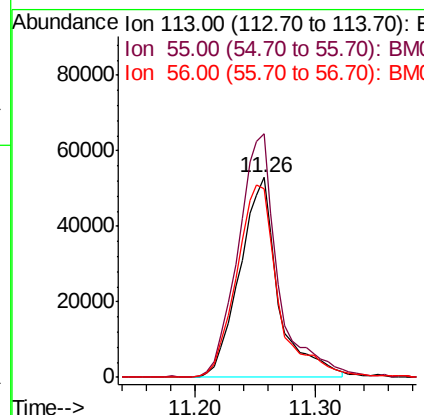
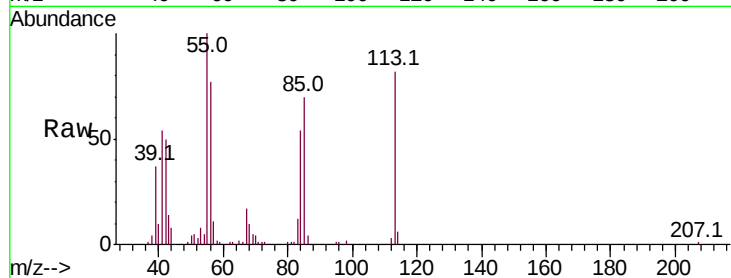
#35
 Caprolactam
 Concen: 41.557 ng
 RT: 11.26 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	121.7	105.9	145.9
56	94.3	80.1	120.1

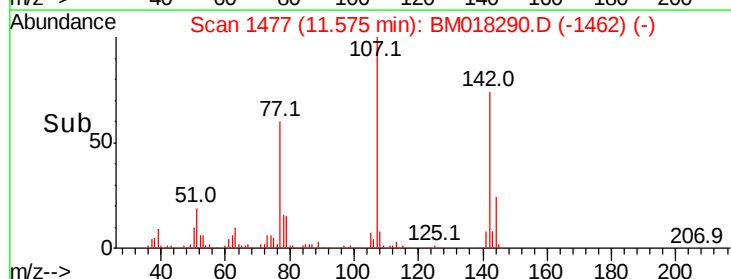
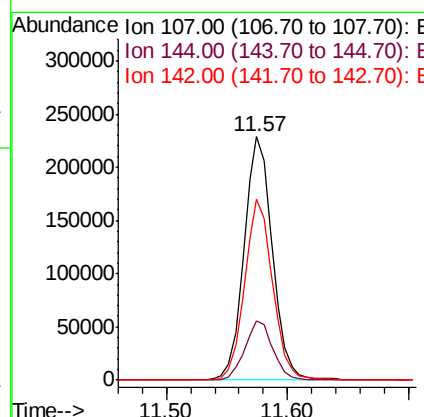
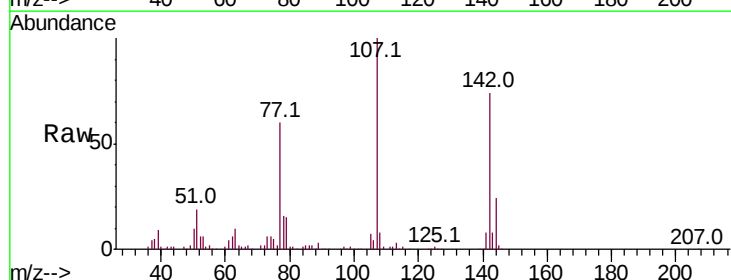
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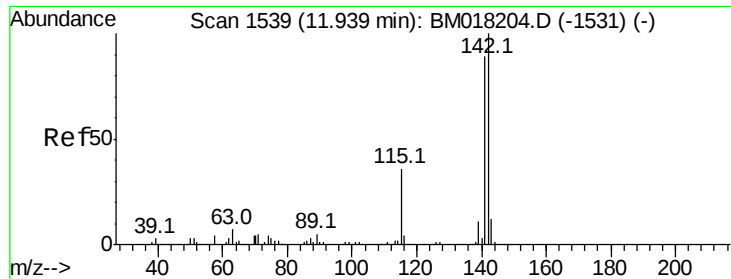
Sohil
 12/20/2018 2:55:00 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.071 ng
 RT: 11.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.1	30.1
142	74.4	61.7	92.5





#37

2-Methylnaphthalene

Concen: 40.416 ng

RT: 11.93 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

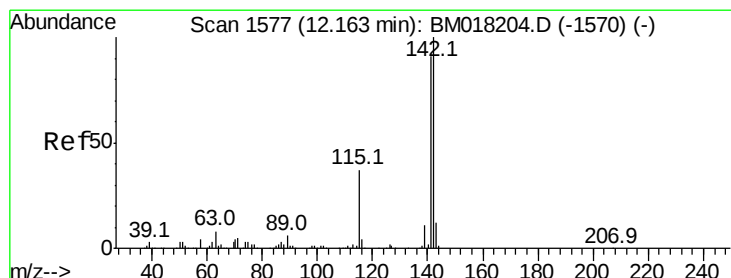
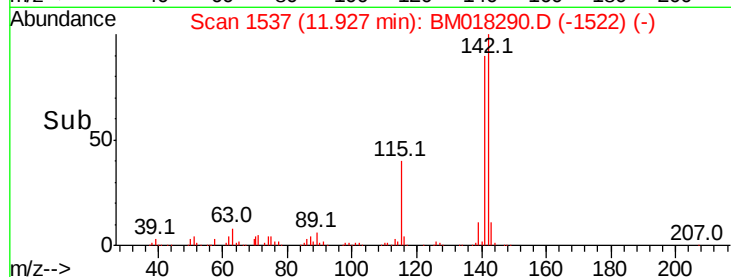
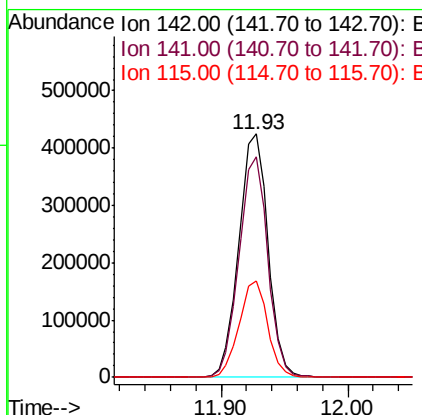
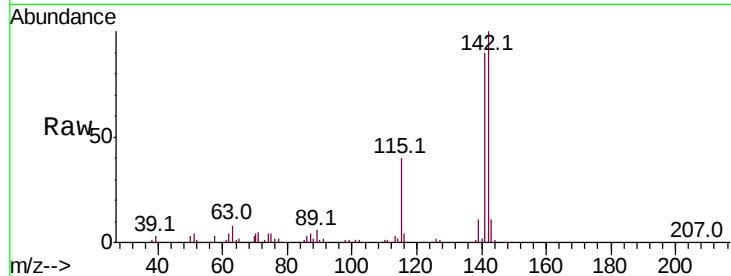
Instrument :
BNA_M

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	39.8	29.0	43.6

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#38

1-Methylnaphthalene

Concen: 40.856 ng

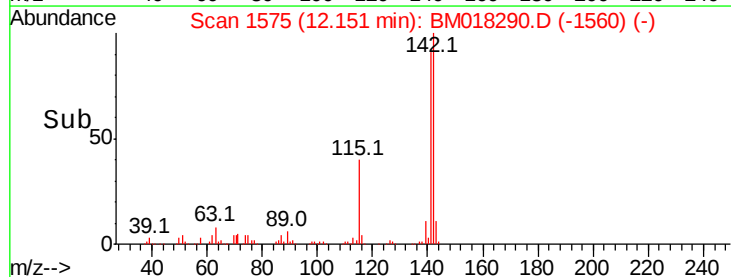
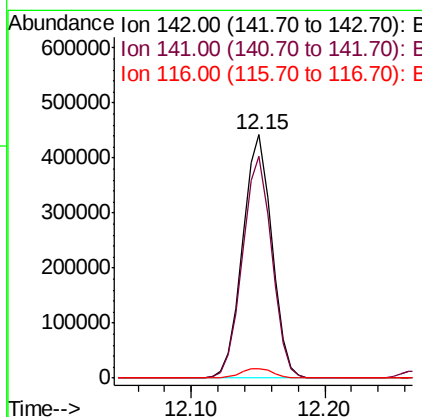
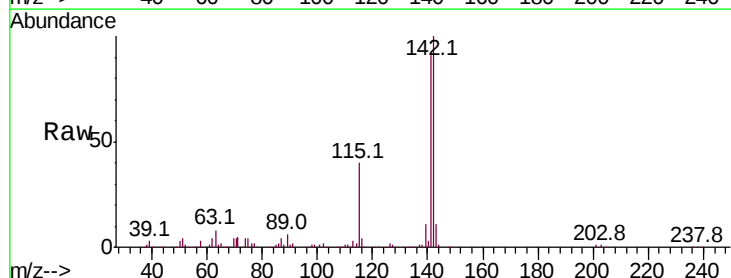
RT: 12.15 min Scan# 1575

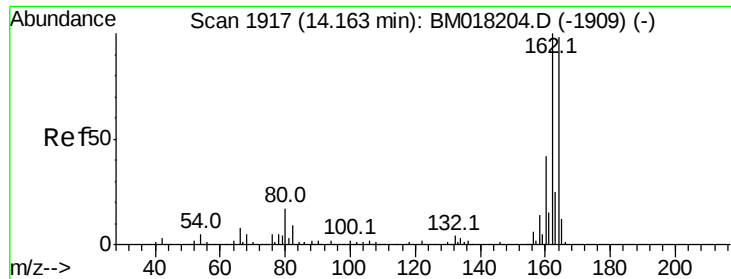
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4
116	4.0	3.0	4.6





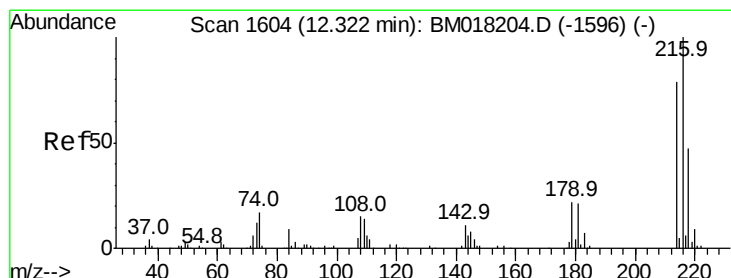
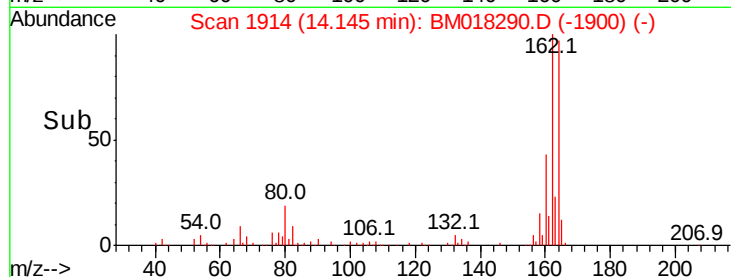
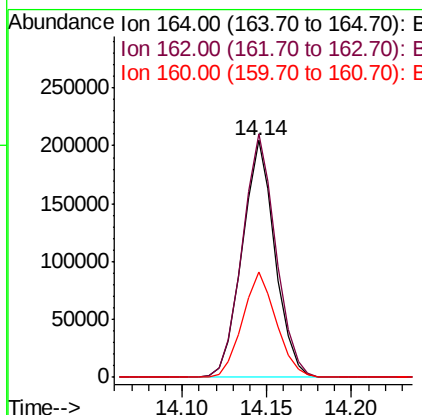
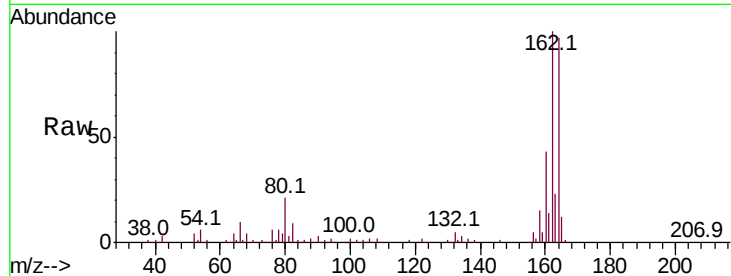
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.14 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	44.3	34.6	51.8

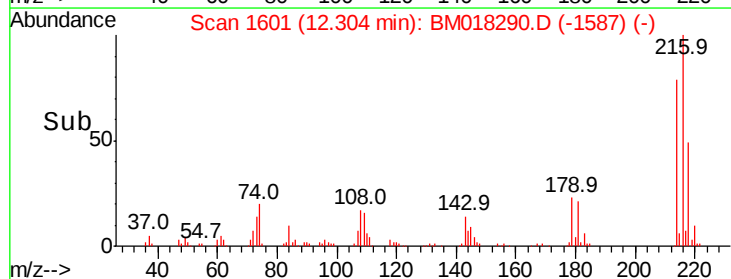
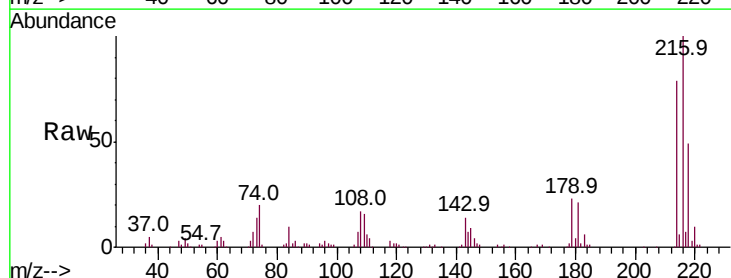
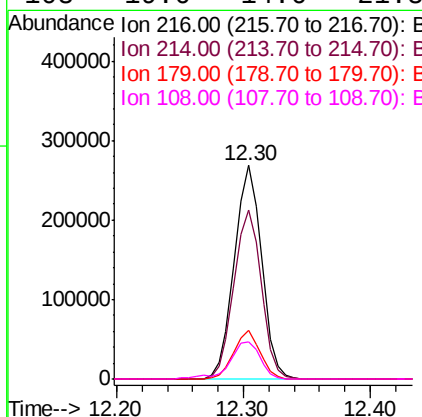
Manual Integrations
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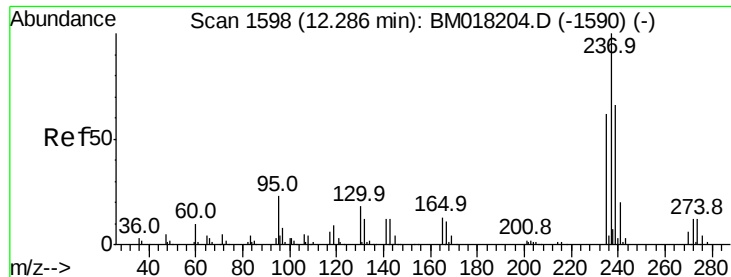
Sohil
 12/20/2018 2:55:00 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.043 ng
 RT: 12.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.7	17.2	25.8
108	19.6	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 39.236 ng

RT: 12.27 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

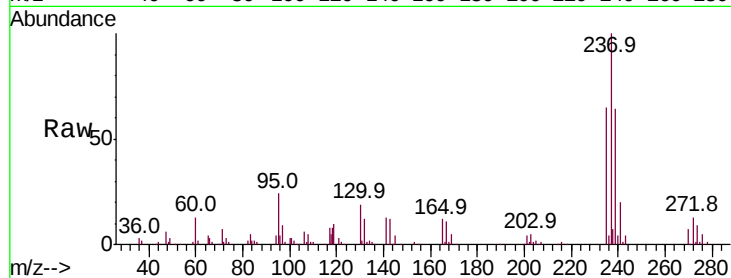
ClientSampleId :

SSTDCCC040

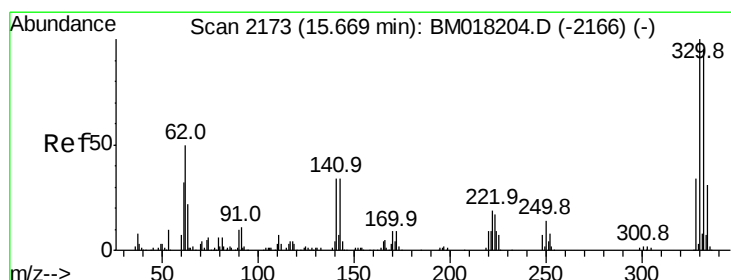
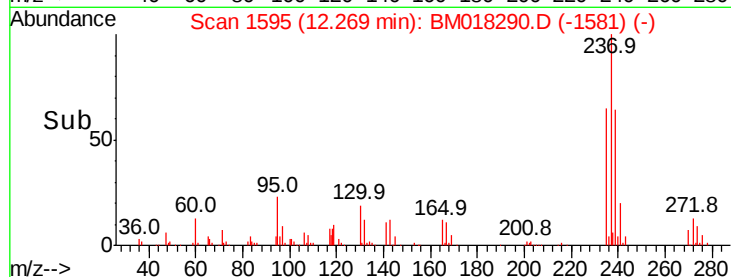
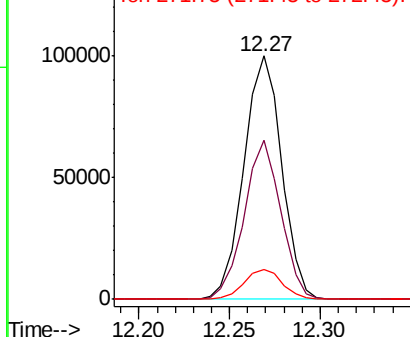
Tot Ion:	237	Resp:	144370
Ion Ratio	Lower	Upper	
237	100		
235	65.4	42.1	82.1
272	12.5	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 83.025 ng

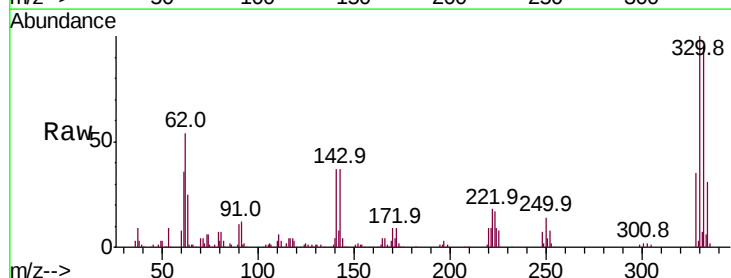
RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

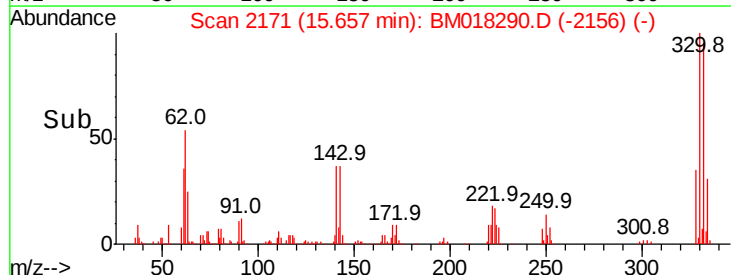
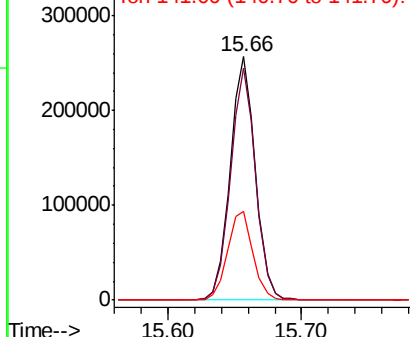
Lab File: BM018290.D

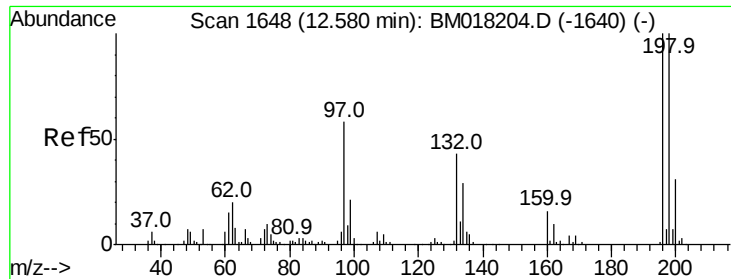
Acq: 19 Dec 2018 10:13

Tgt Ion:	330	Resp:	337168
Ion Ratio	Lower	Upper	
330	100		
332	95.1	78.6	118.0
141	37.2	27.1	40.7



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





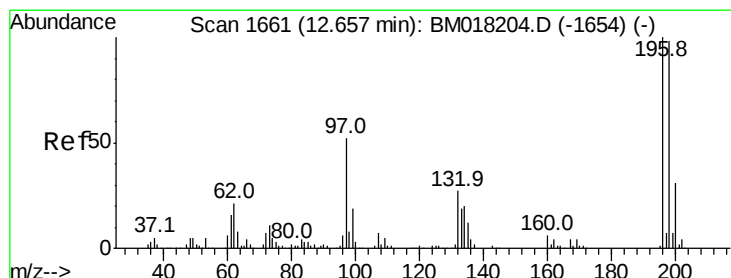
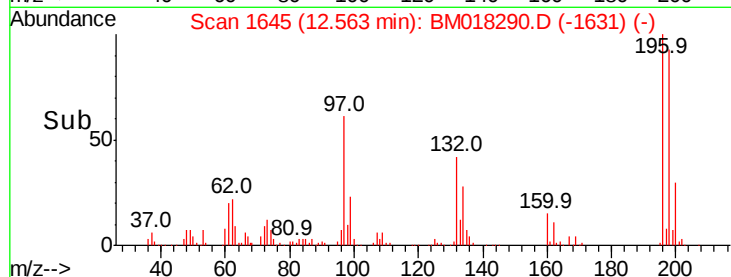
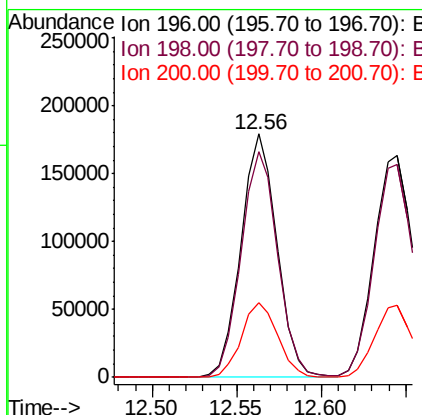
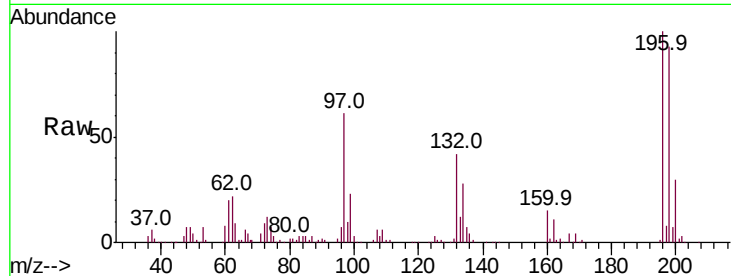
#43
 2,4,6-Trichlorophenol
 Concen: 43.605 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	266843		
198	92.8	80.1	120.1	
200	30.5	24.9	37.3	

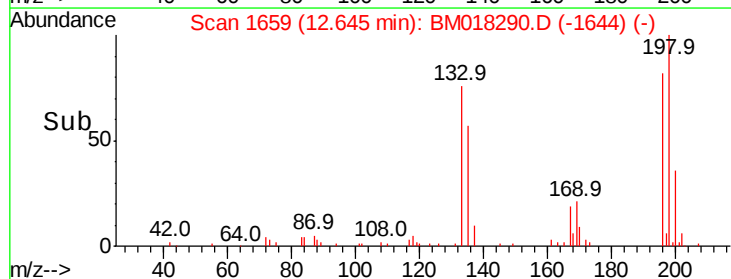
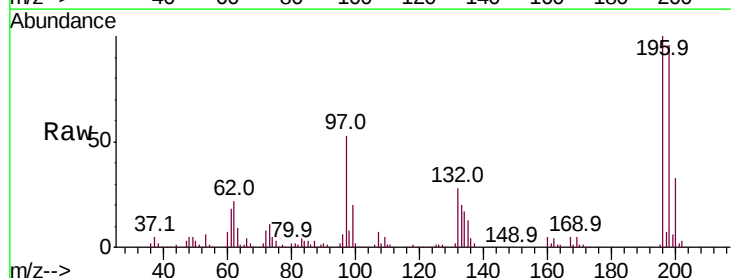
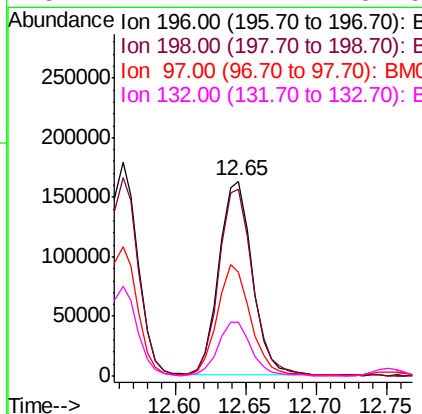
Manual Integrations
 APPROVED

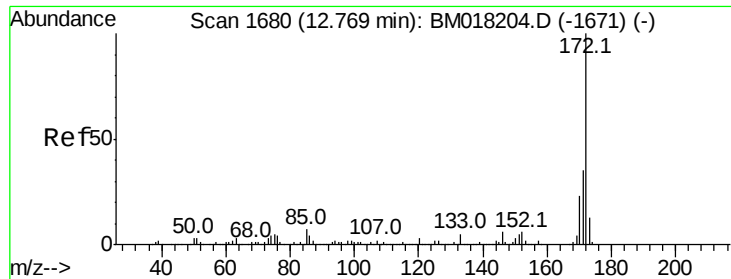
Sohil
 12/20/2018 2:55:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.272 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268132		
198	95.6	78.5	117.7	
97	53.4	41.9	62.9	
132	27.7	21.7	32.5	





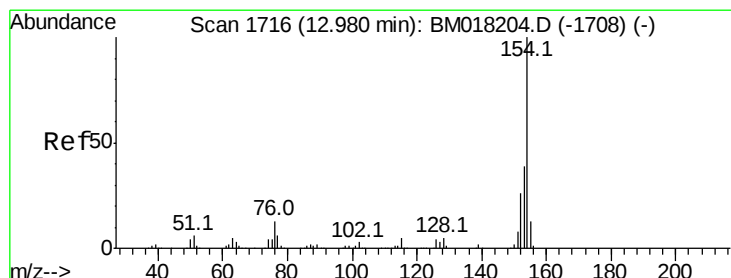
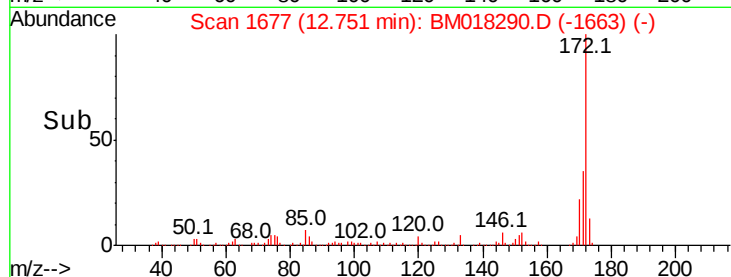
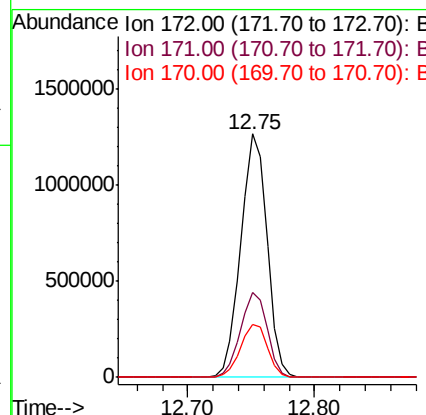
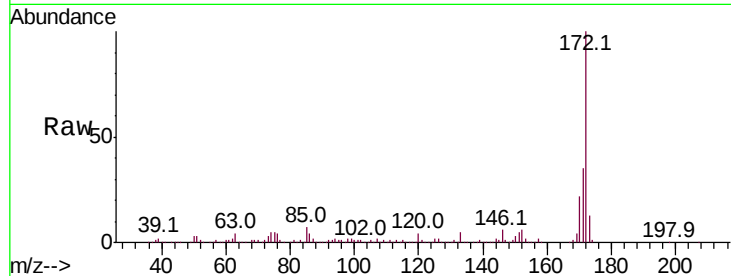
#45
2-Fluorobiphenyl
Concen: 84.616 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	21.9	18.1	27.1

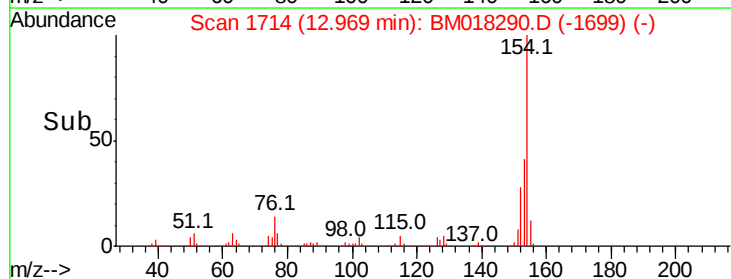
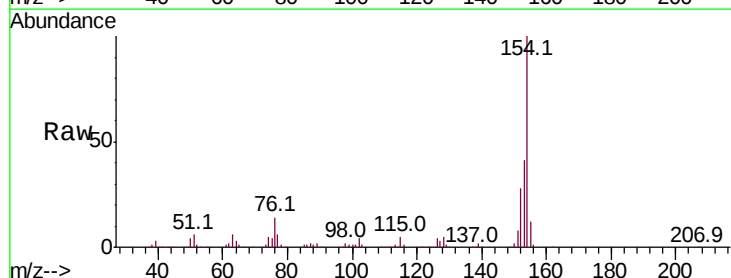
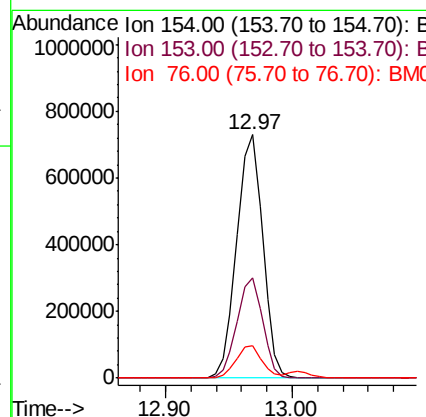
Manual Integrations
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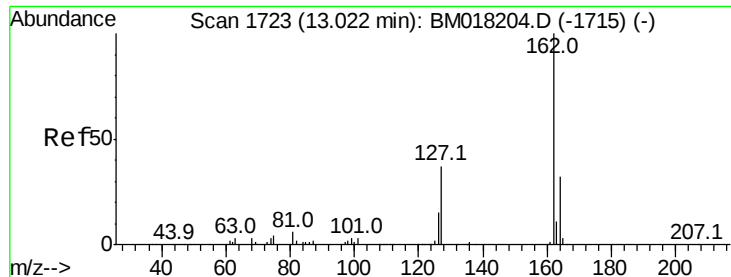
Sohil
12/20/2018 2:55:00 PM



#46
1,1'-Biphenyl
Concen: 41.578 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.5	59.5
76	13.6	0.0	33.1





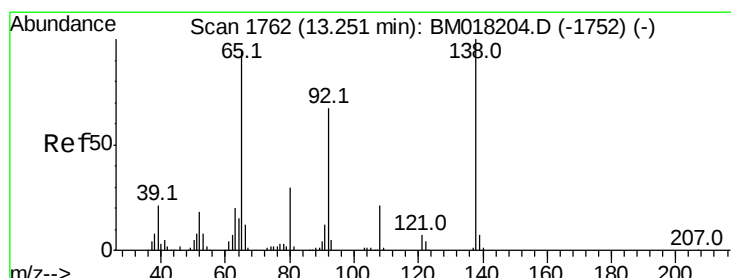
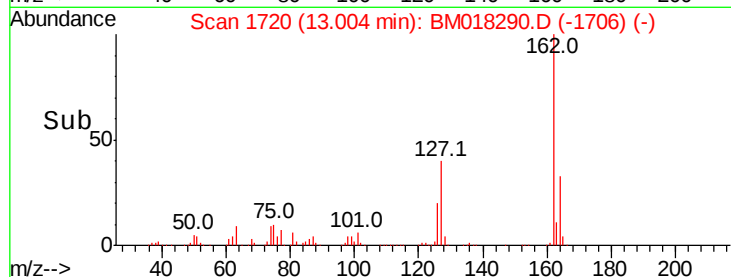
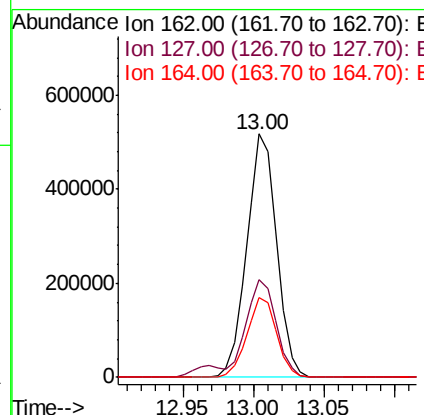
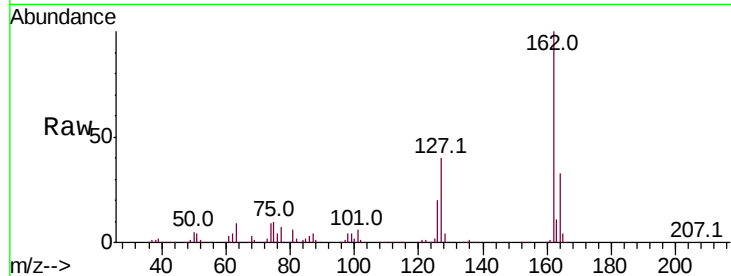
#47
2-Chloronaphthalene
Concen: 41.862 ng
RT: 13.00 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	766947		
127	40.1	31.8	47.8	
164	32.7	25.9	38.9	

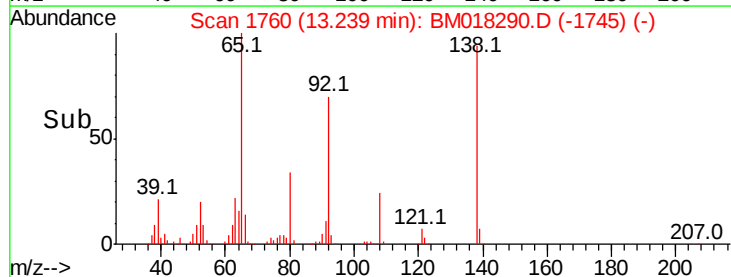
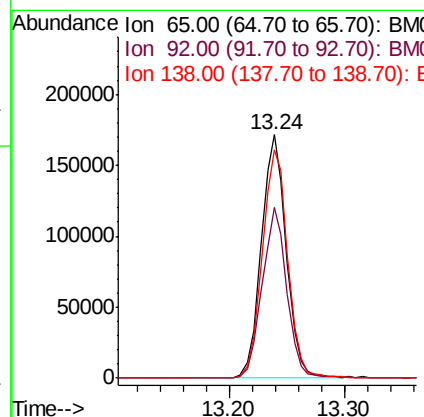
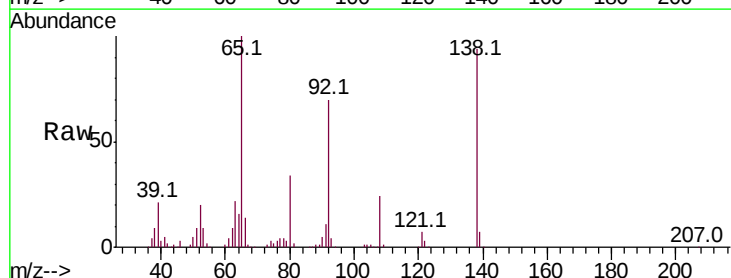
Manual Integrations
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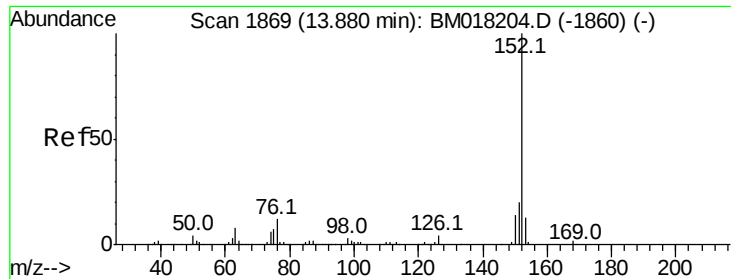
Sohil
12/20/2018 2:55:00 PM



#48
2-Nitroaniline
Concen: 45.682 ng
RT: 13.24 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	257815		
92	70.2	56.8	85.2	
138	94.0	85.1	127.7	





#49

Acenaphthylene

Concen: 41.662 ng

RT: 13.86 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

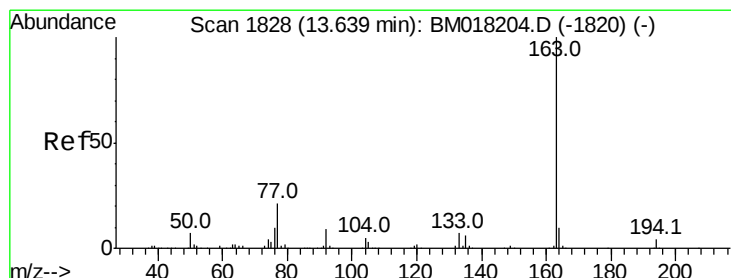
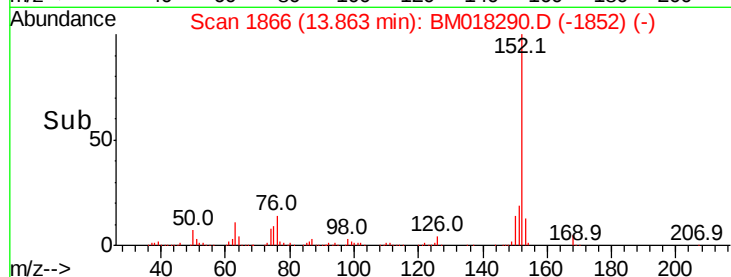
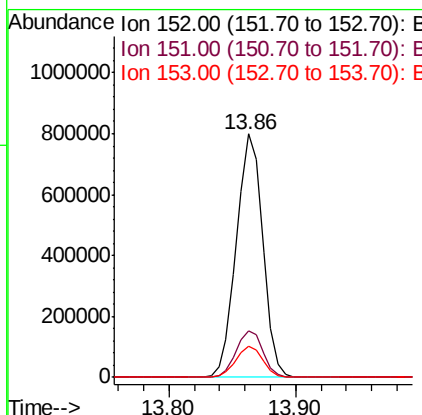
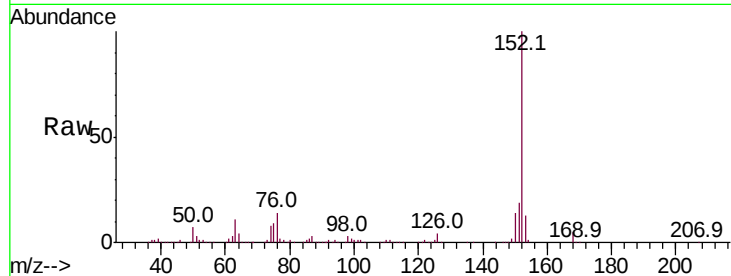
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1150247
Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.0	24.0
153	12.9	10.2	15.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.303 ng

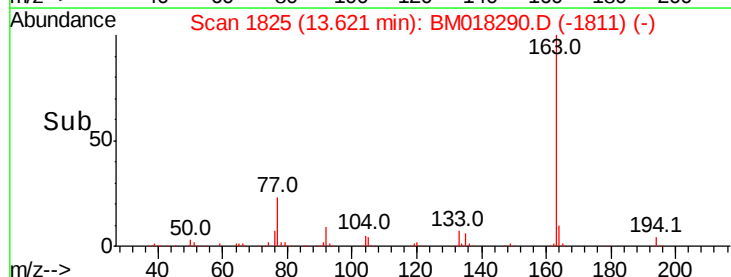
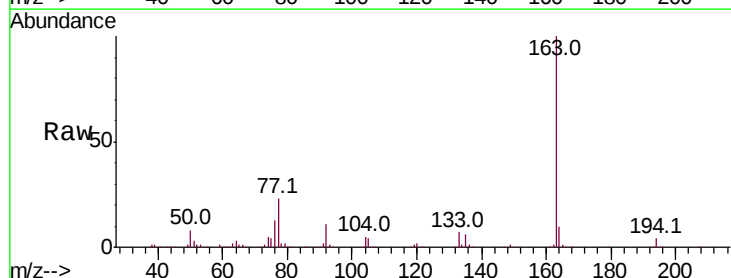
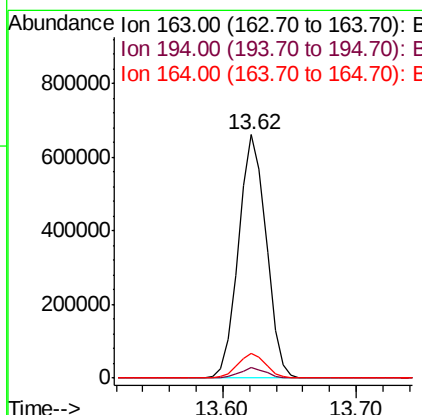
RT: 13.62 min Scan# 1825

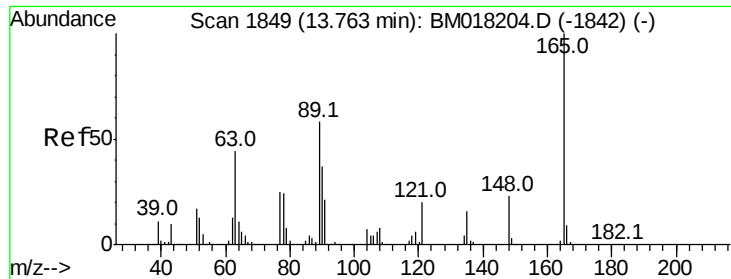
Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	163	Resp:	950102
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.2	7.9	11.9





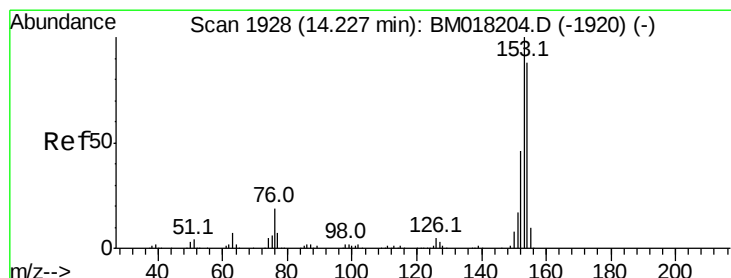
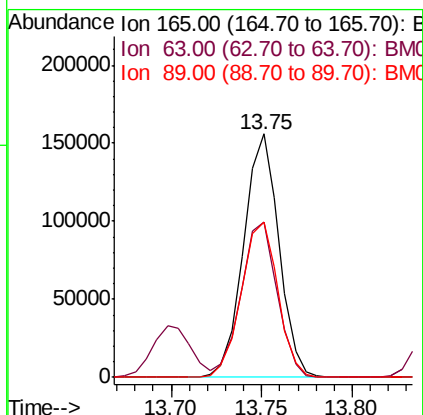
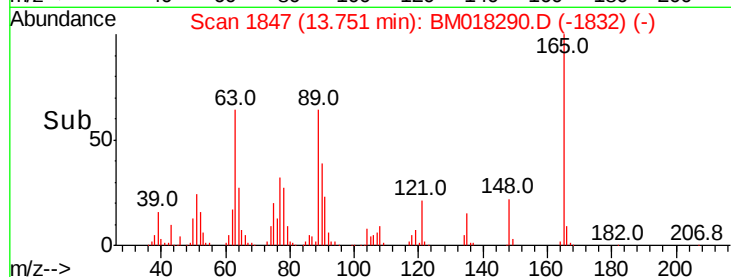
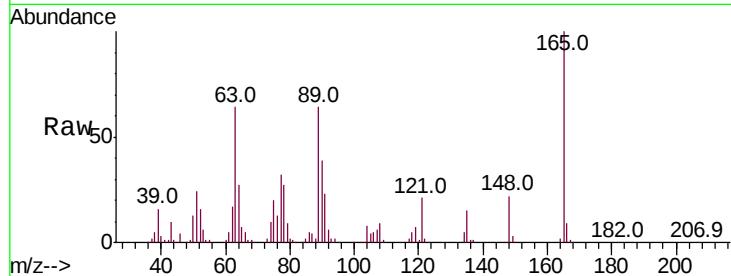
#51
 2,6-Dinitrotoluene
 Concen: 41.601 ng
 RT: 13.75 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	210368		
63	63.8	46.6	69.8	
89	64.0	46.3	69.5	

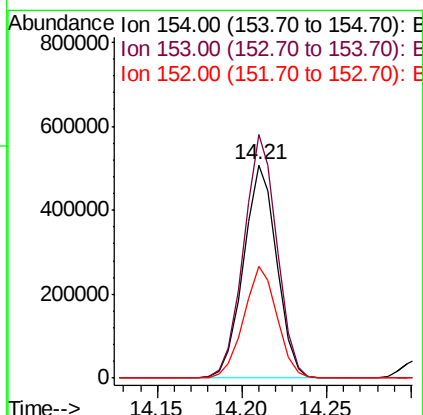
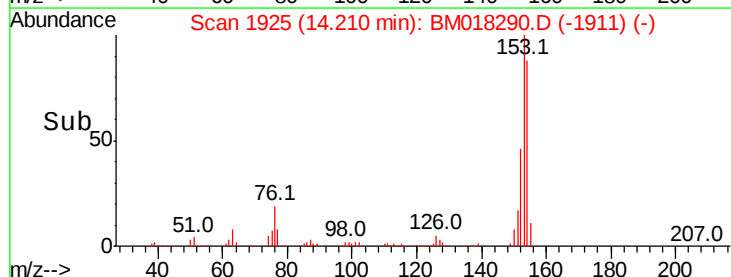
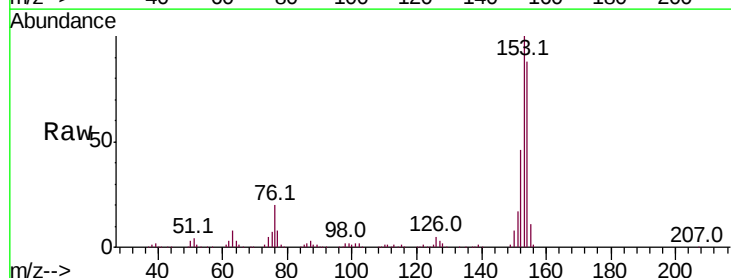
Manual Integrations
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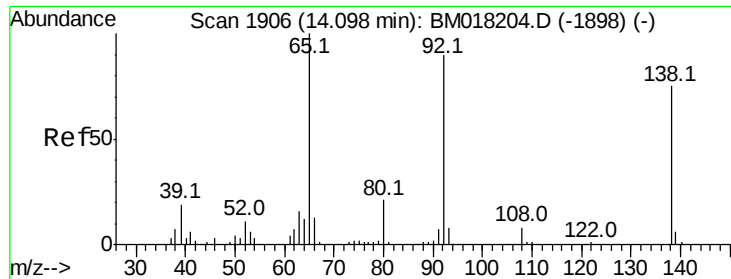
Sohil
 12/20/2018 2:55:00 PM



#52
 Acenaphthene
 Concen: 41.189 ng
 RT: 14.21 min Scan# 1925
 Delta R.T. -0.02 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	694973		
153	114.0	90.4	135.6	
152	52.2	41.2	61.8	





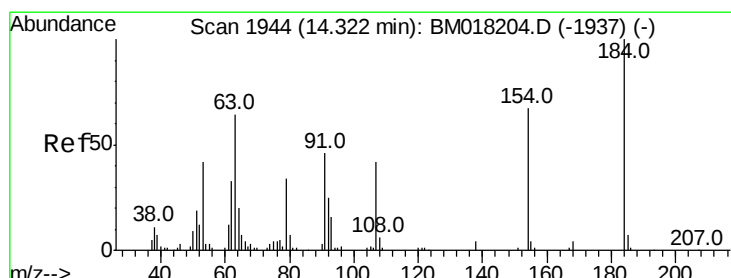
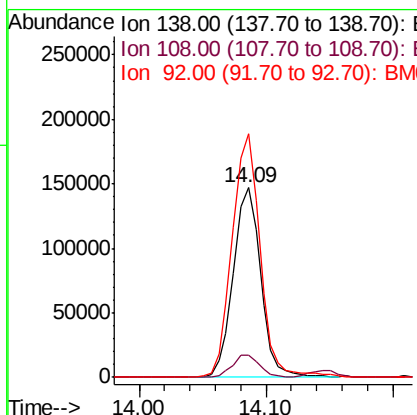
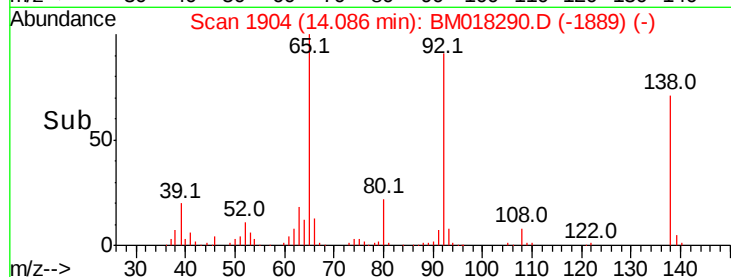
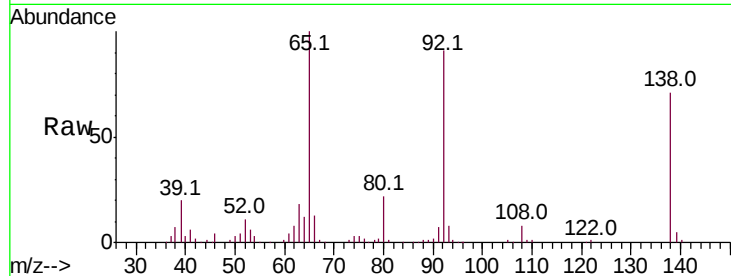
#53
3-Nitroaniline
Concen: 41.543 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 221074
Ion Ratio Lower Upper
138 100
108 11.5 8.4 12.6
92 128.4 94.9 142.3

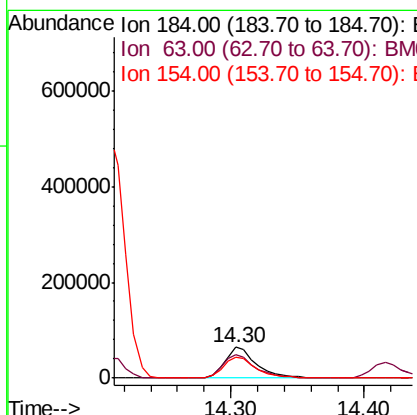
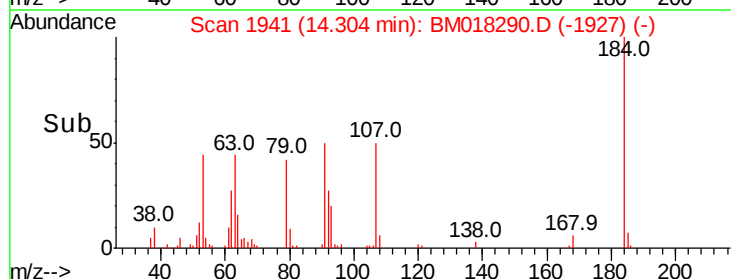
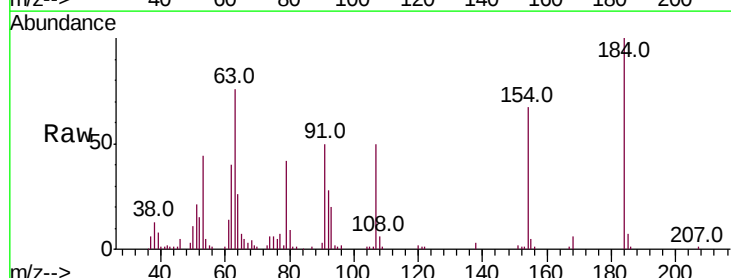
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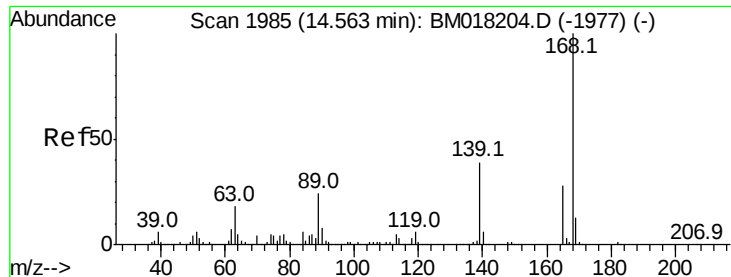
Sohil
12/20/2018 2:55:00 PM



#54
2,4-Dinitrophenol
Concen: 38.201 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion:184 Resp: 106561
Ion Ratio Lower Upper
184 100
63 75.6 51.6 77.4
154 66.7 54.0 81.0





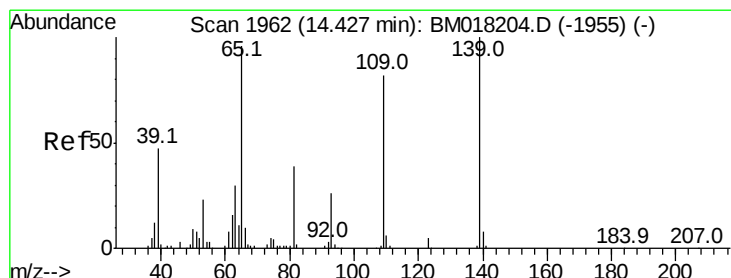
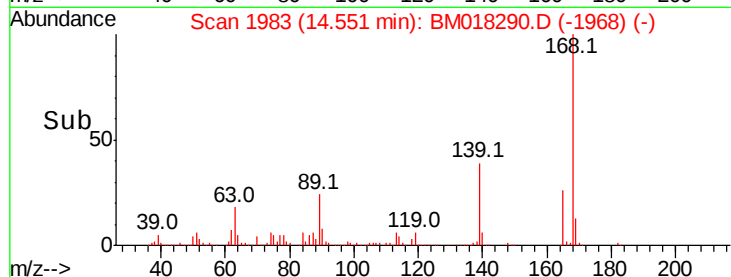
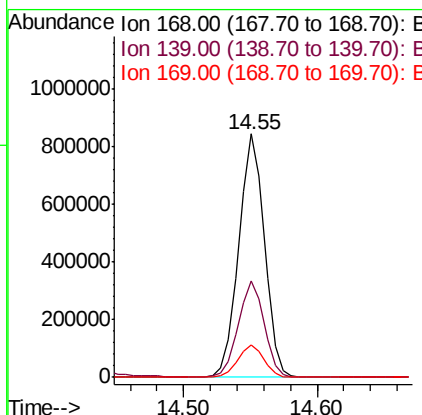
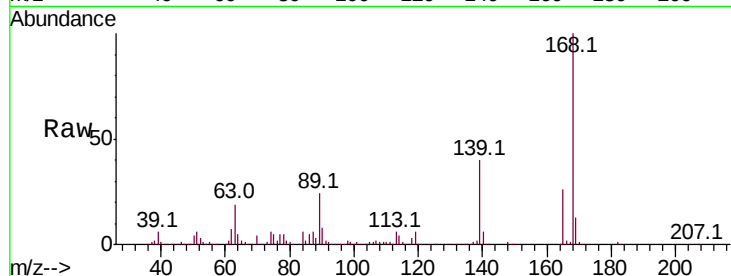
#55
Dibenzofuran
Concen: 41.481 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.2	46.8
169	13.2	10.4	15.6

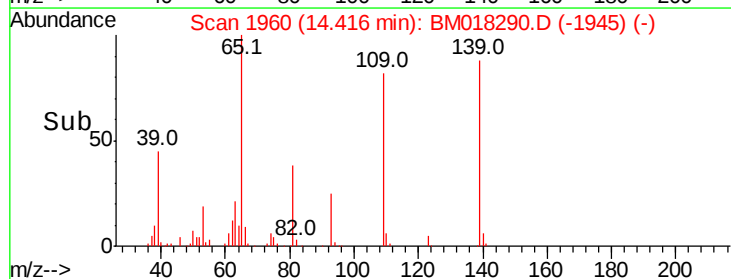
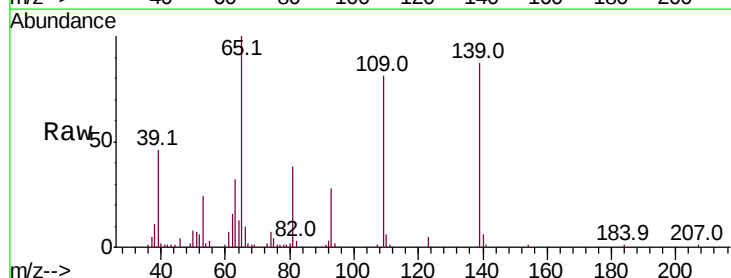
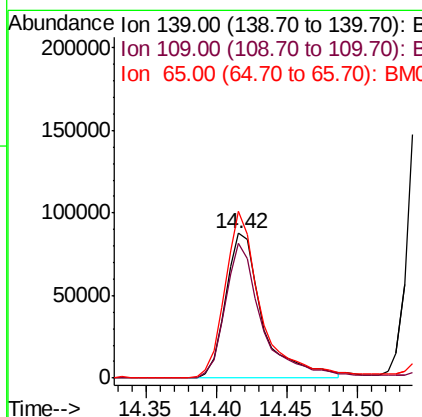
Manual Integrations
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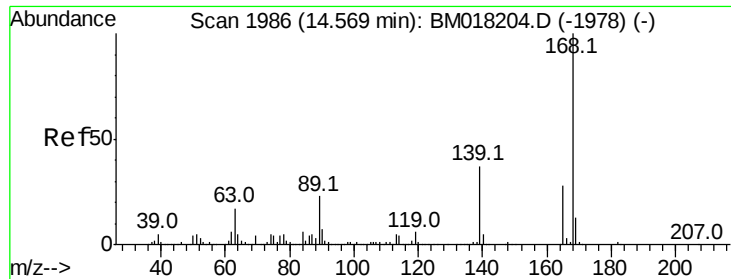
Sohil
12/20/2018 2:55:00 PM



#56
4-Nitrophenol
Concen: 39.712 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.2	62.3	102.3
65	114.9	76.4	116.4





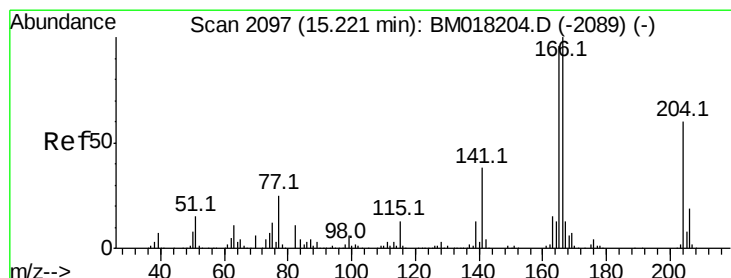
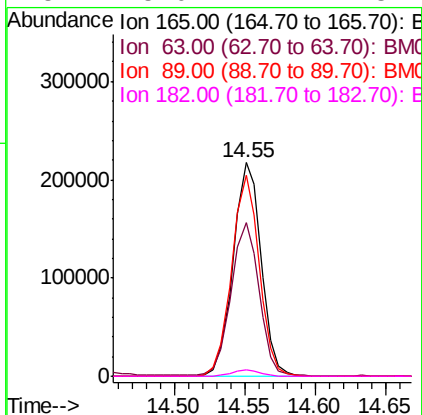
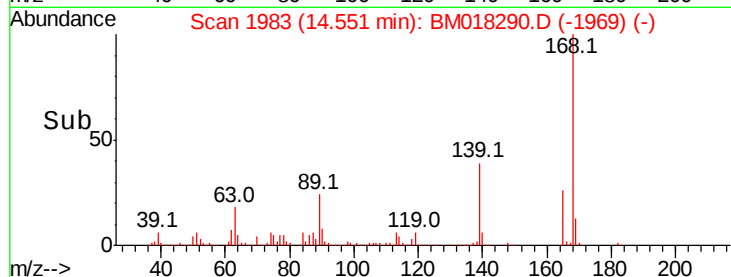
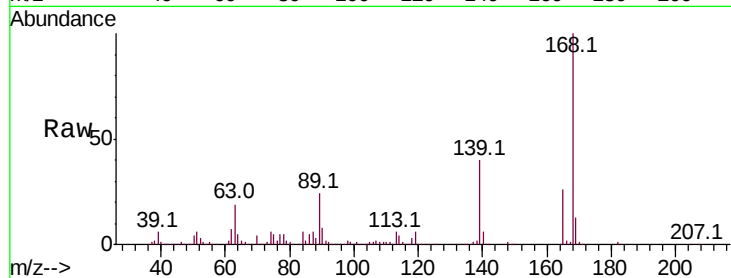
#57
2,4-Dinitrotoluene
Concen: 42.924 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.2	47.2	70.8	
89	94.3	65.8	98.8	
182	3.0	2.2	3.4	

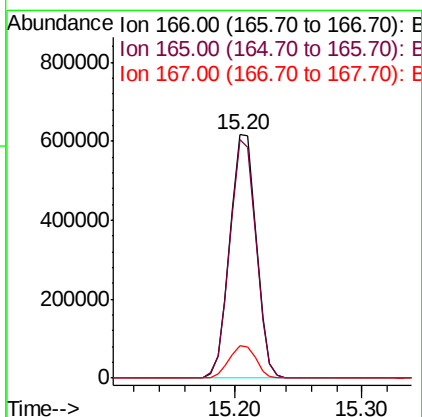
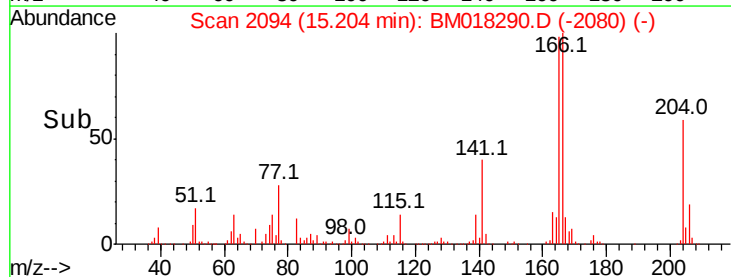
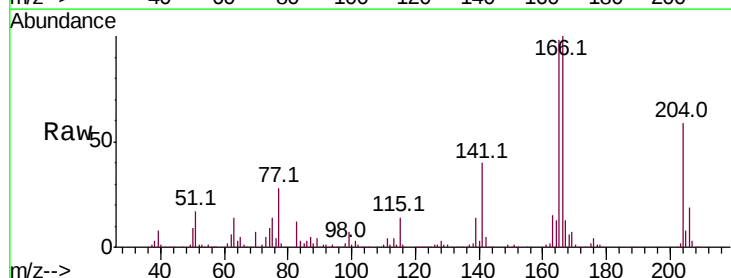
Manual Integrations
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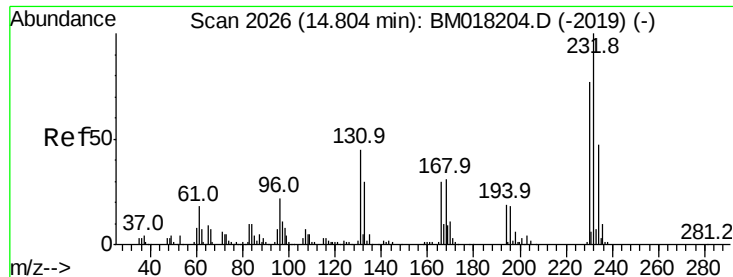
Sohil
12/20/2018 2:55:00 PM



#58
Fluorene
Concen: 42.191 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.8	76.9	115.3	
167	13.3	10.5	15.7	





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.375 ng

RT: 14.79 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 242083

Ion Ratio Lower Upper

232 100

131 46.9 36.2 54.2

130 2.6 1.8 2.6

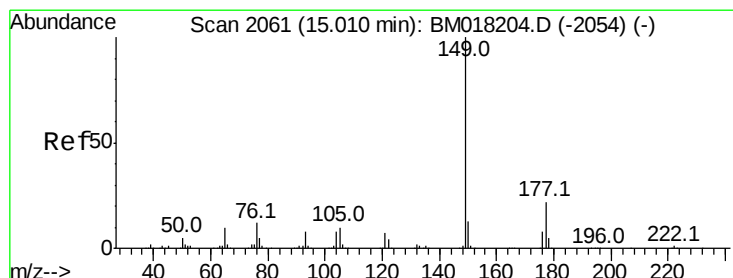
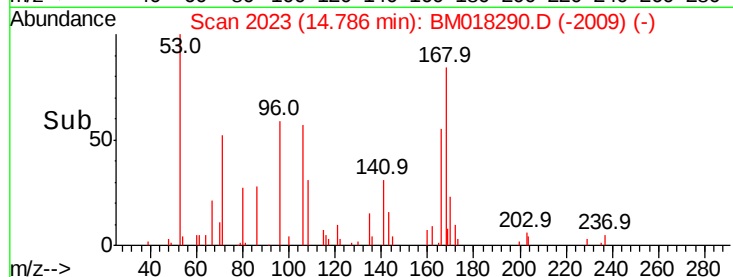
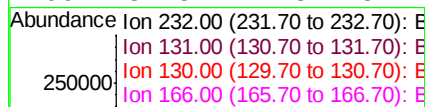
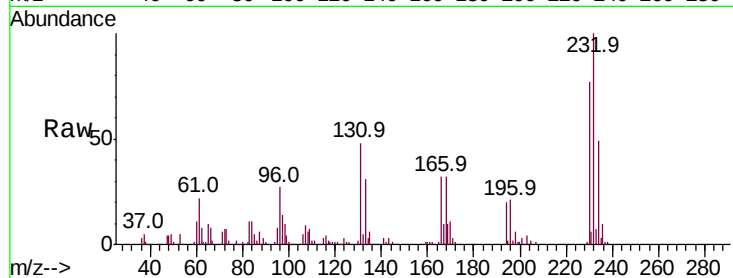
166 31.5 24.8 37.2

Manual Integrations

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Sohil

12/20/2018 2:55:00 PM



#60

Diethylphthalate

Concen: 41.458 ng

RT: 15.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

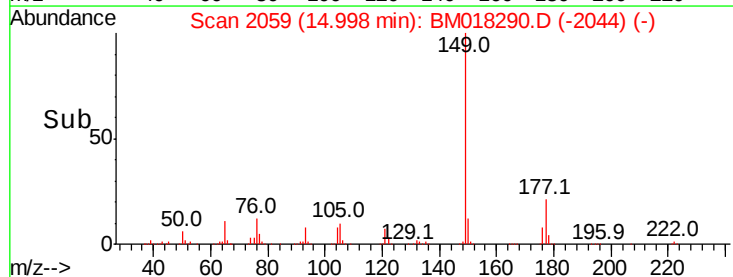
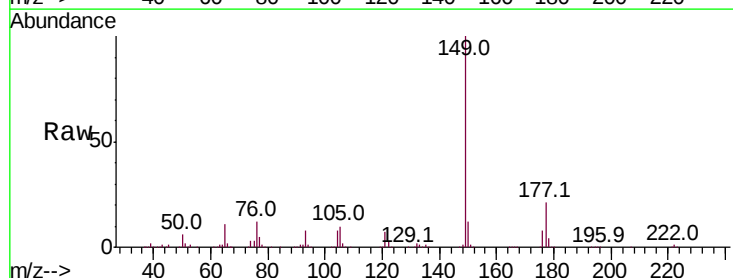
Tgt Ion:149 Resp: 1029155

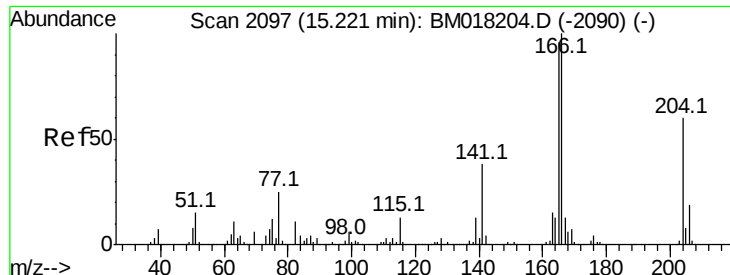
Ion Ratio Lower Upper

149 100

177 21.4 17.8 26.8

150 12.5 10.3 15.5





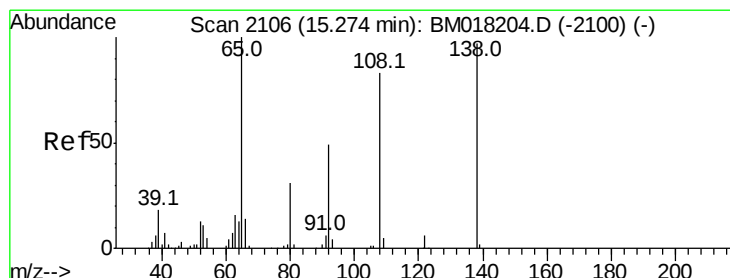
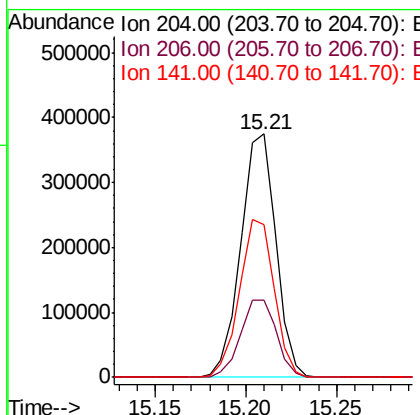
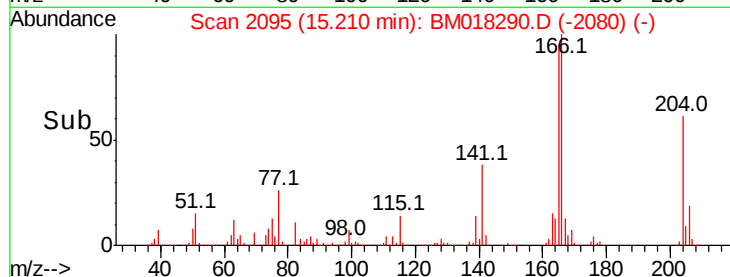
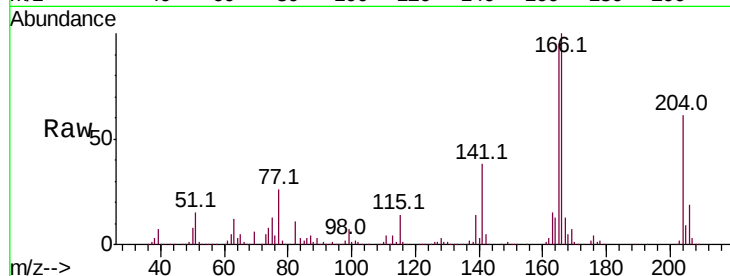
#61
4-Chlorophenyl-phenylether
Concen: 42.626 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.6
141	62.7	50.2	75.4

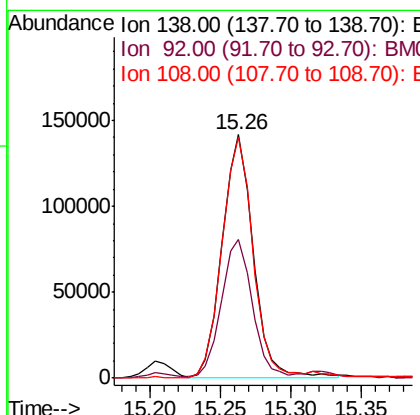
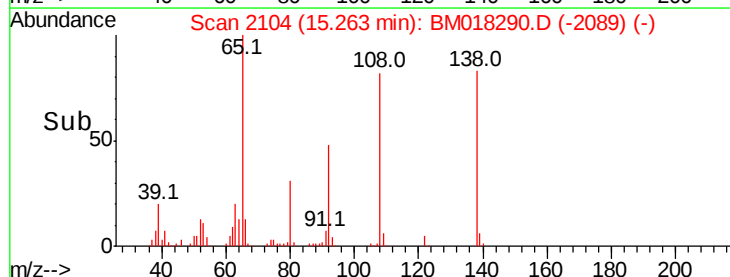
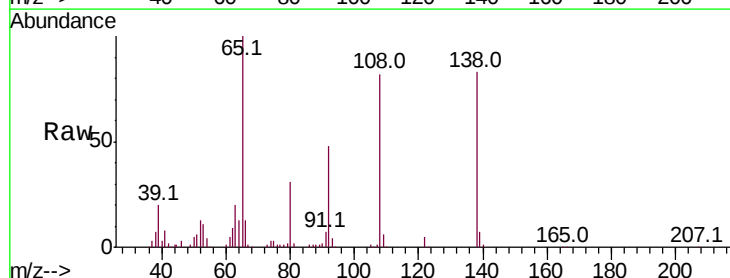
Manual Integrations
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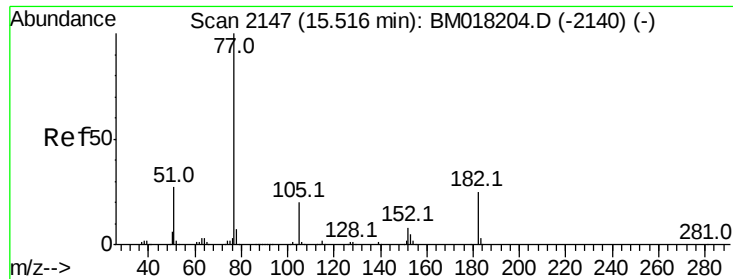
Sohil
12/20/2018 2:55:00 PM



#62
4-Nitroaniline
Concen: 42.598 ng
RT: 15.26 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	31.1	71.1
108	98.8	65.0	105.0





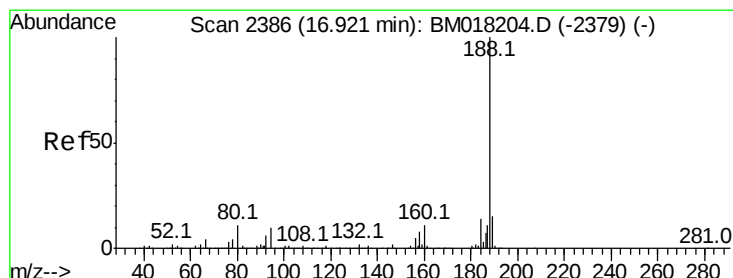
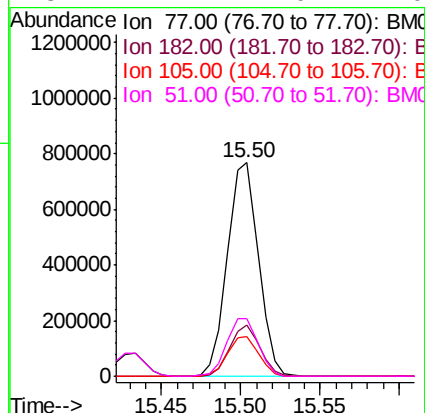
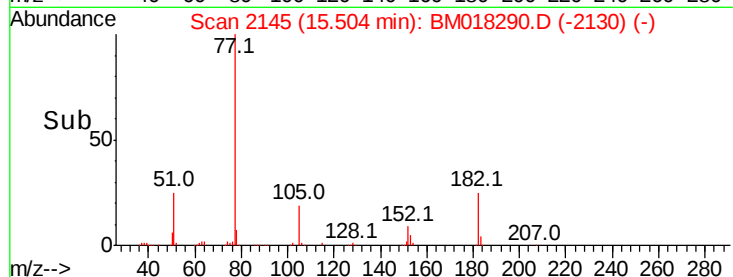
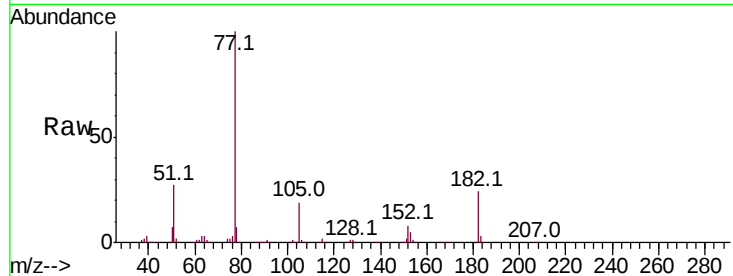
#63
Azobenzene
Concen: 46.165 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.6	44.6
105	18.6	0.2	40.2
51	27.2	7.0	47.0

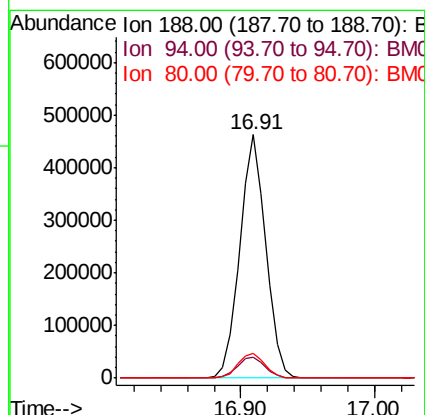
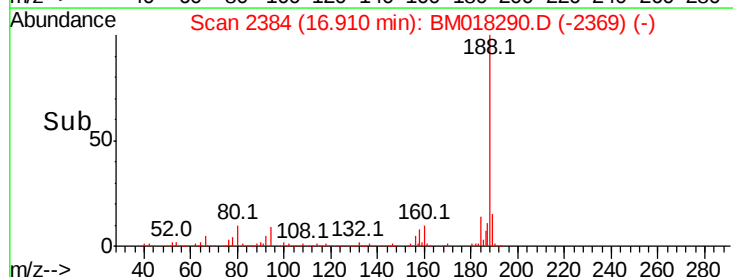
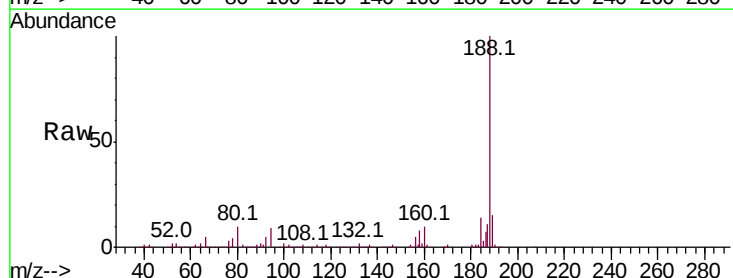
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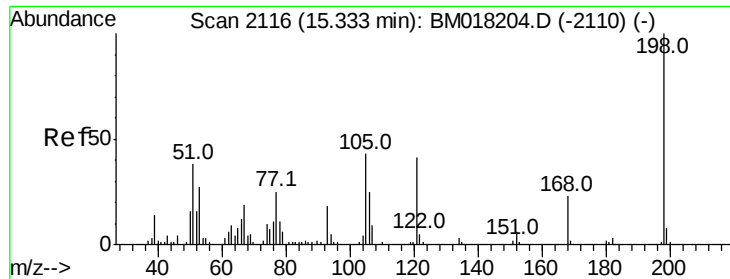
Sohil
12/20/2018 2:55:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	10.0	9.0	13.6





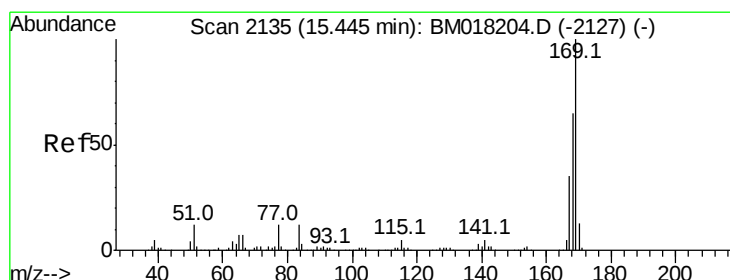
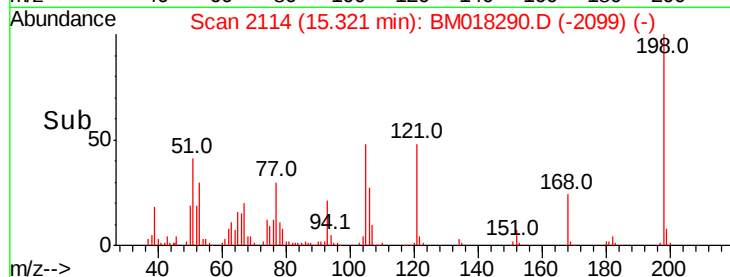
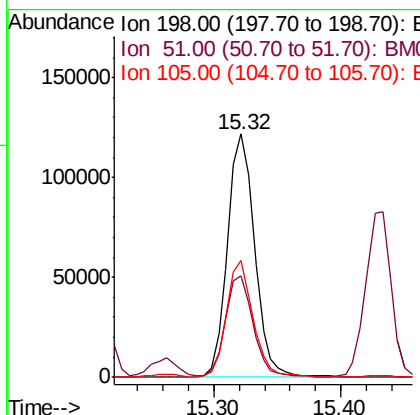
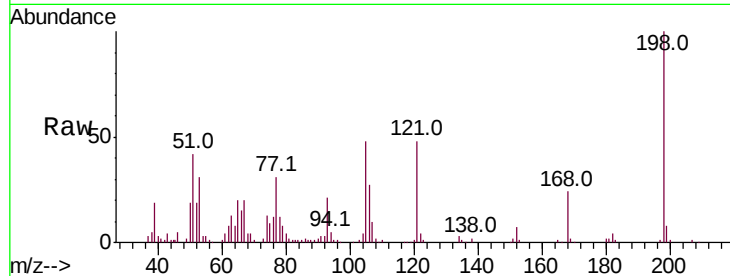
#65
4,6-Dinitro-2-methylphenol
Concen: 39.532 ng
RT: 15.32 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	180973		
51	42.0		18.6	58.6
105	47.8		22.9	62.9

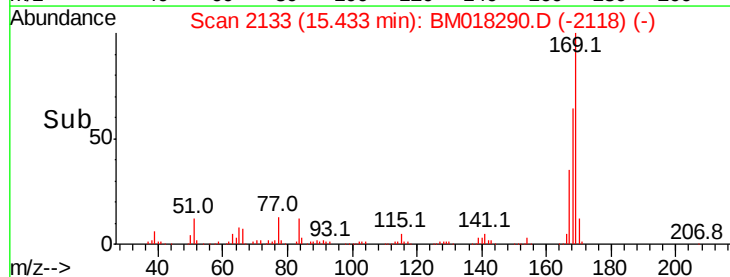
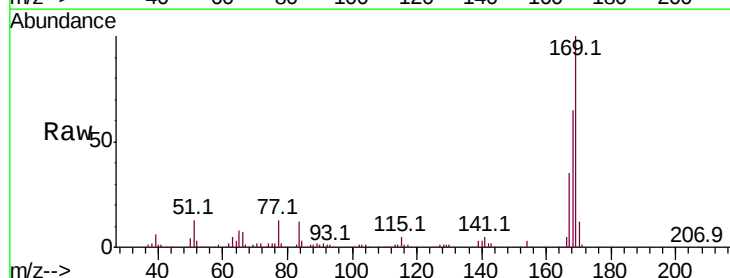
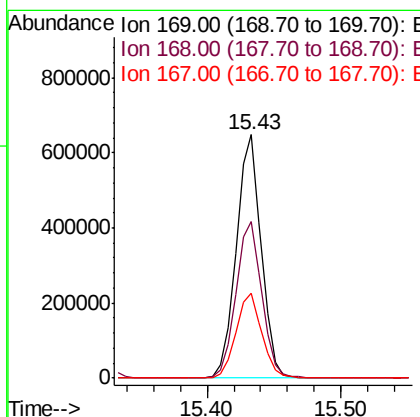
Manual Integrations
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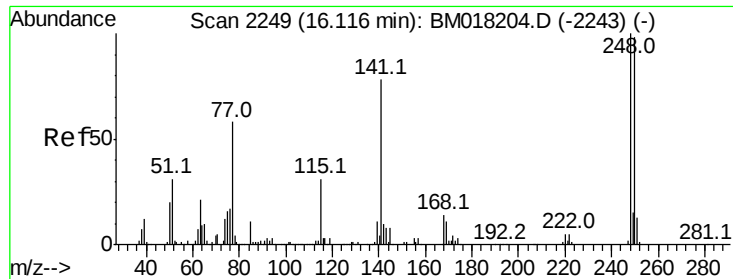
Sohil
12/20/2018 2:55:00 PM



#66
n-Nitrosodiphenylamine
Concen: 40.683 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	836582		
168	64.5		52.2	78.4
167	35.0		27.6	41.4





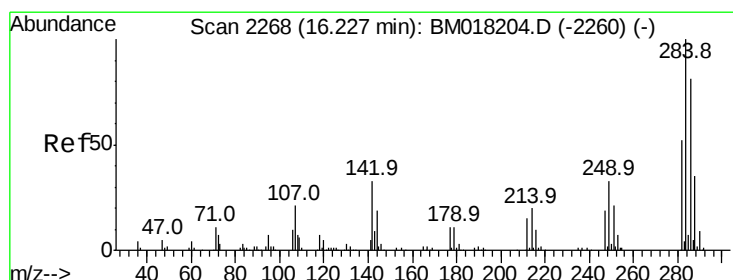
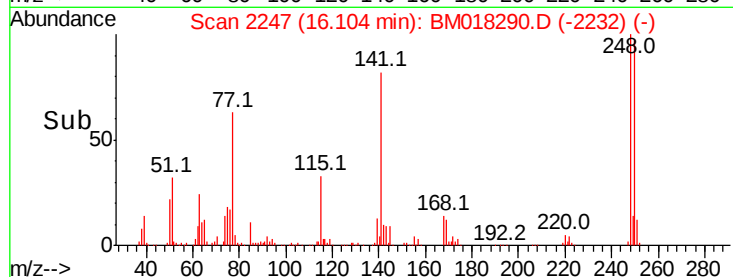
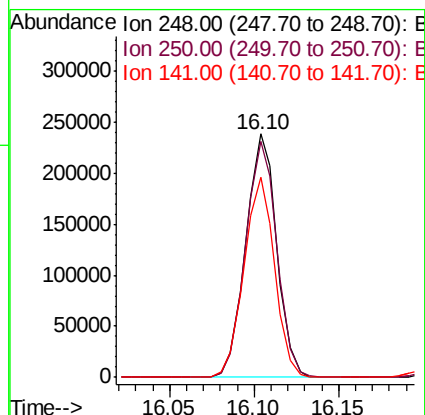
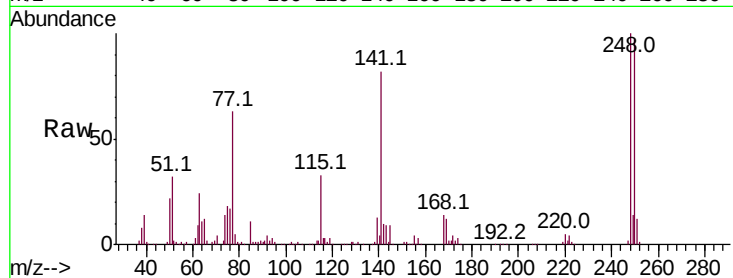
#67
4-Bromophenyl-phenylether
Concen: 40.442 ng
RT: 16.10 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.7	118.1
141	81.9	62.2	93.4

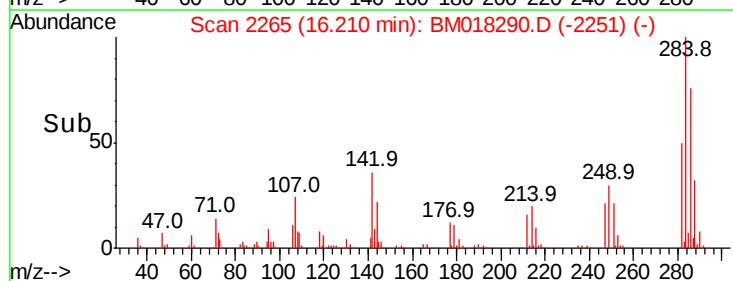
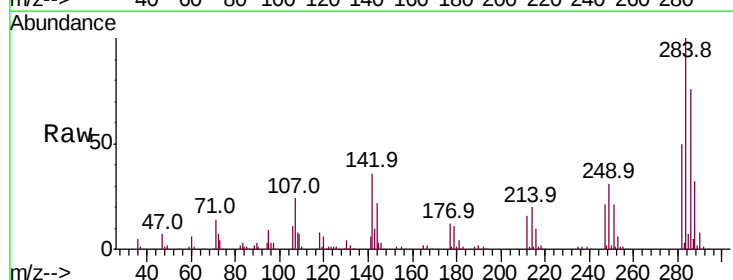
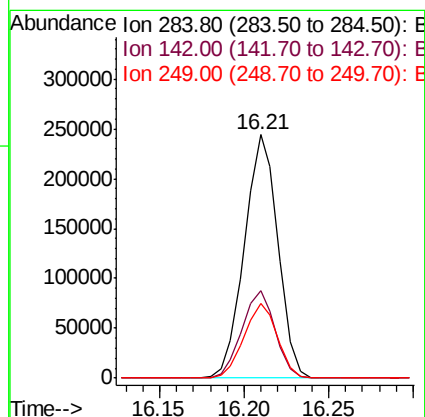
Manual Integrations
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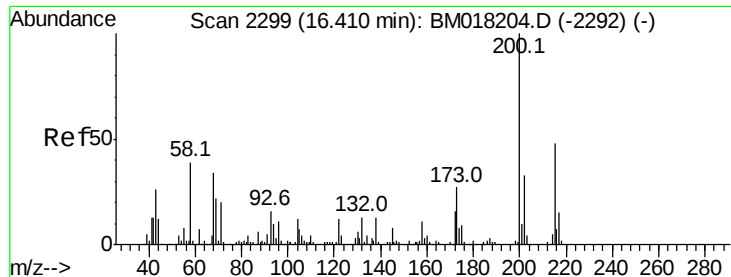
Sohil
12/20/2018 2:55:00 PM



#68
Hexachlorobenzene
Concen: 40.831 ng
RT: 16.21 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	26.2	39.4
249	30.6	26.2	39.2





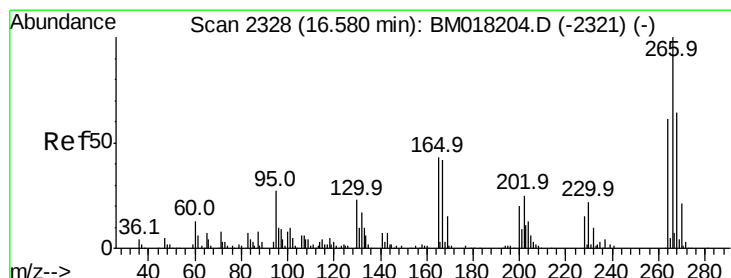
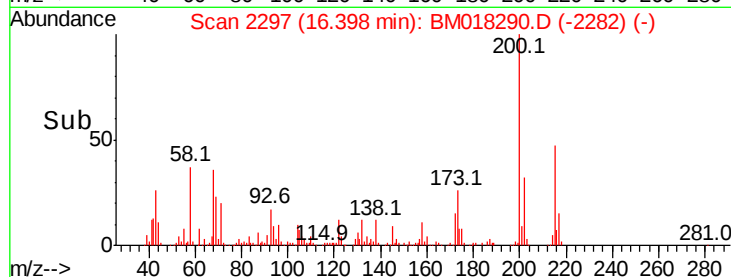
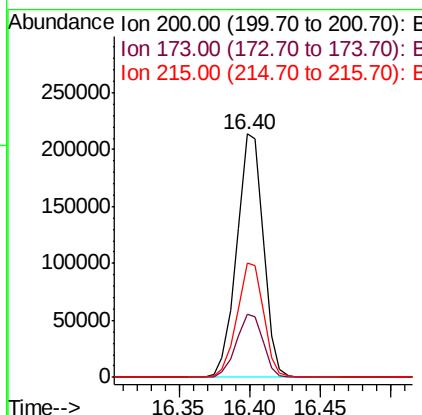
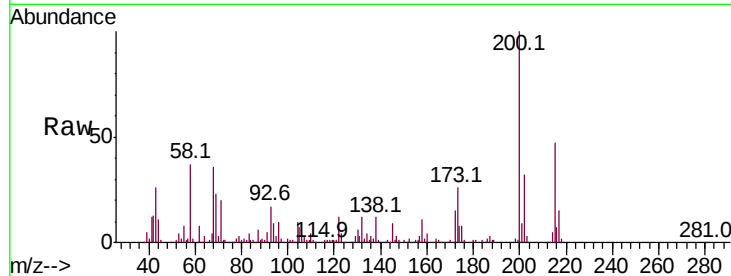
#69
 Atrazine
 Concen: 40.579 ng
 RT: 16.40 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	200	Resp:	281707
Ion Ratio	Lower	Upper	
200	100		
173	25.9	6.9	46.9
215	47.2	27.9	67.9

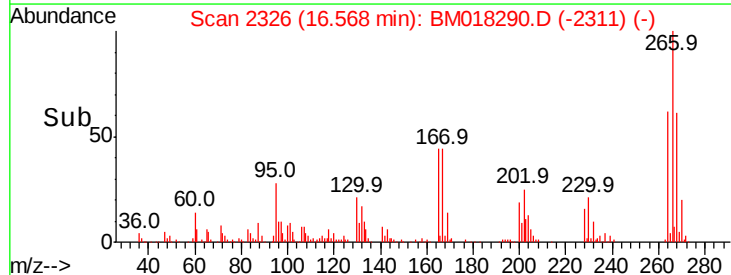
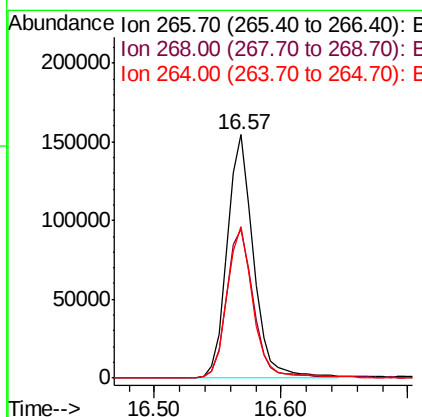
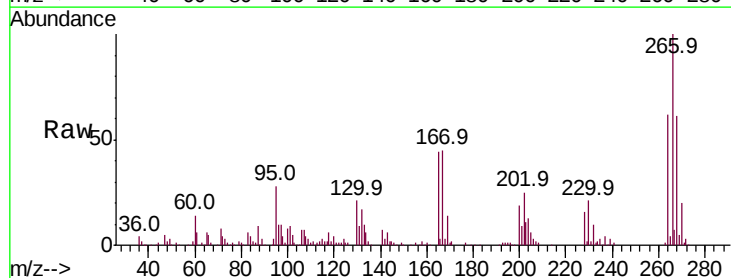
Manual Integrations
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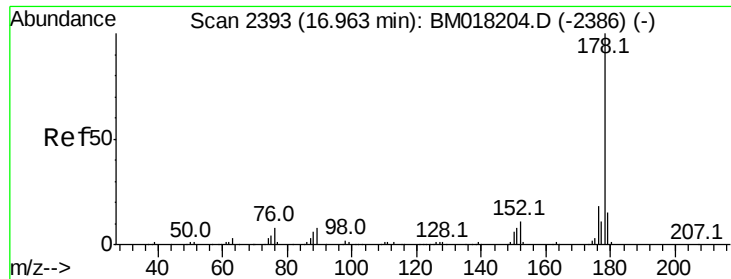
Sohil
 12/20/2018 2:55:00 PM



#70
 Pentachlorophenol
 Concen: 40.627 ng
 RT: 16.57 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion:	266	Resp:	221377
Ion Ratio	Lower	Upper	
266	100		
268	61.2	51.1	76.7
264	62.4	49.0	73.4





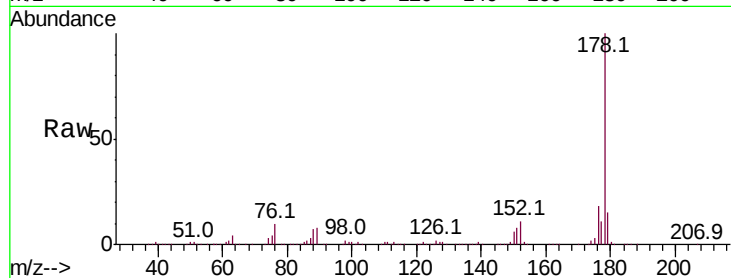
#71
Phenanthrene
Concen: 40.983 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

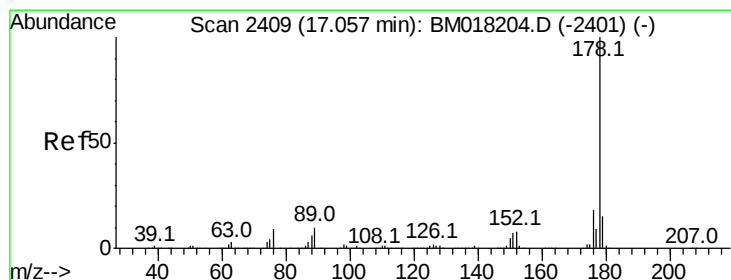
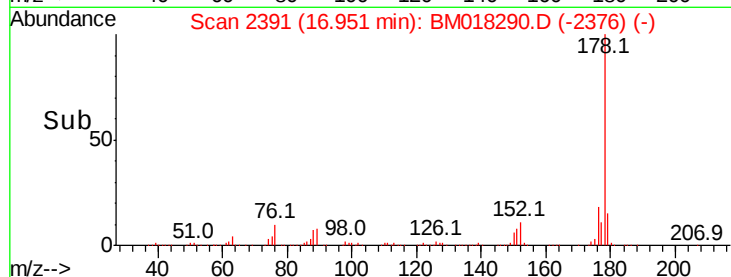
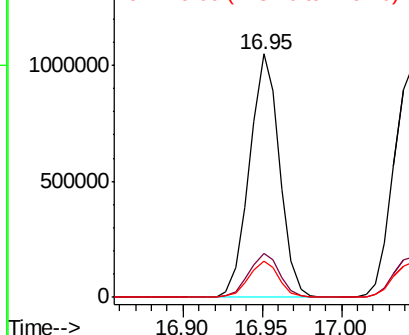
Tot Ion:178 Resp: 1384287
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 14.8 12.0 18.0

Manual Integrations
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Sohil
12/20/2018 2:55:00 PM



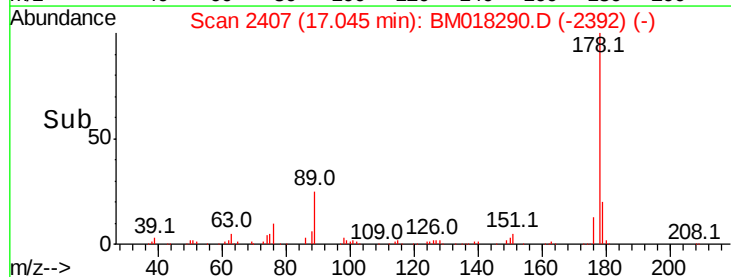
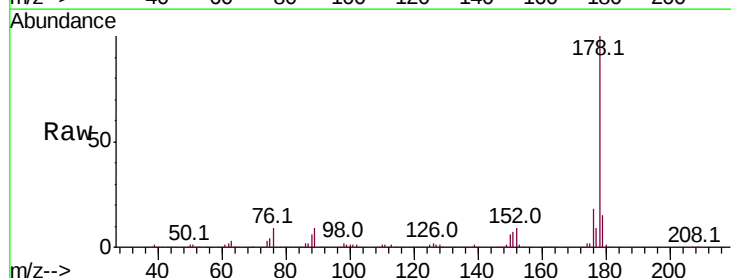
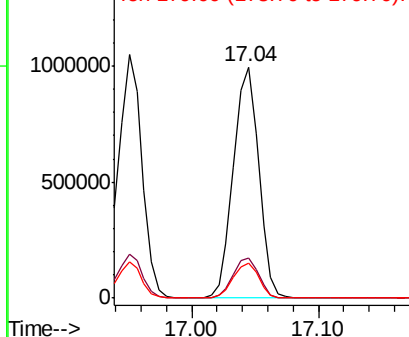
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

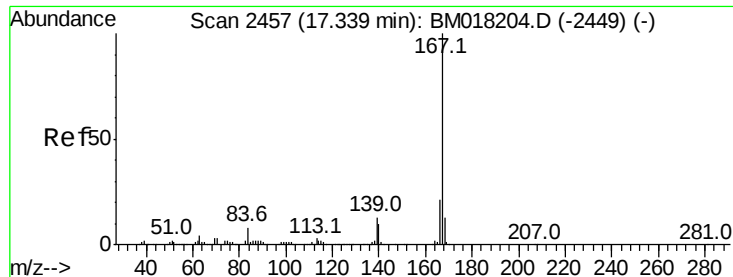


#72
Anthracene
Concen: 41.033 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion:178 Resp: 1375008
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 15.3 12.0 18.0

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





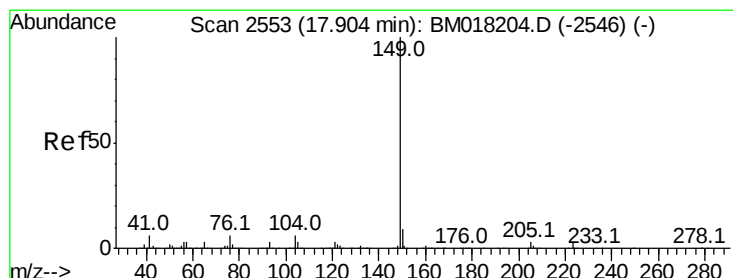
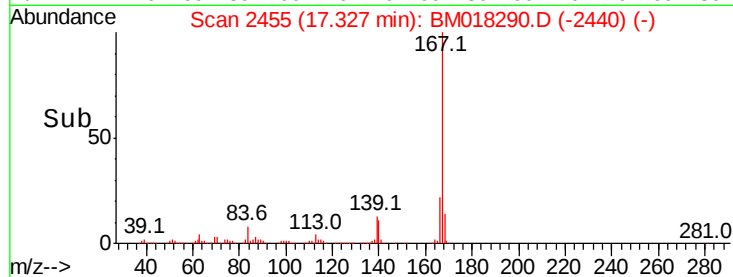
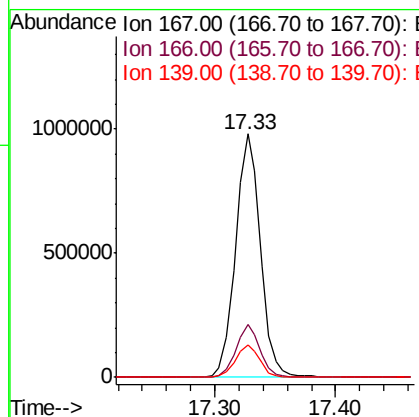
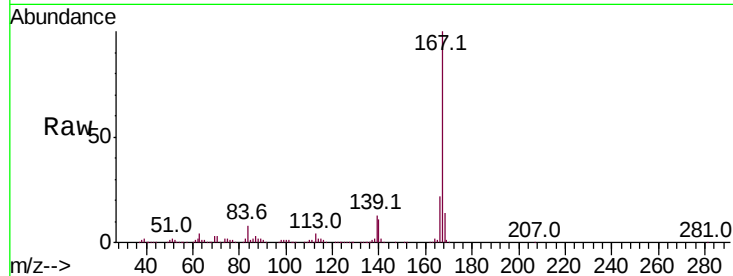
#73
 Carbazole
 Concen: 40.897 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.8	25.2
139	13.3	10.3	15.5

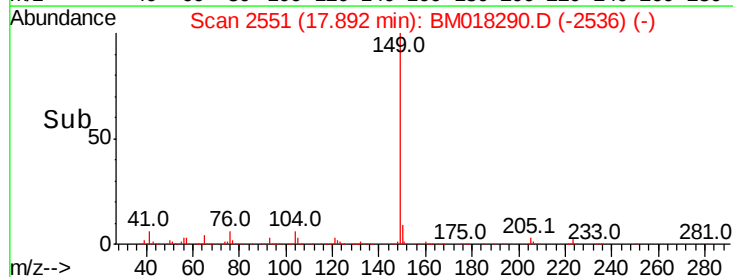
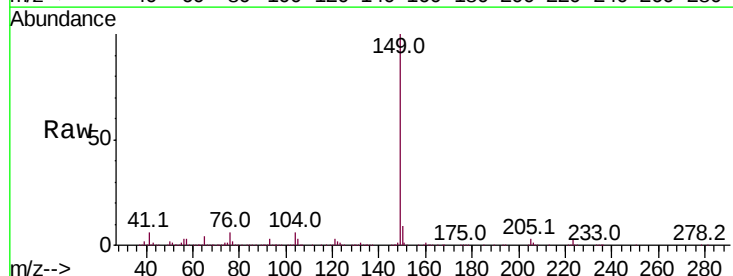
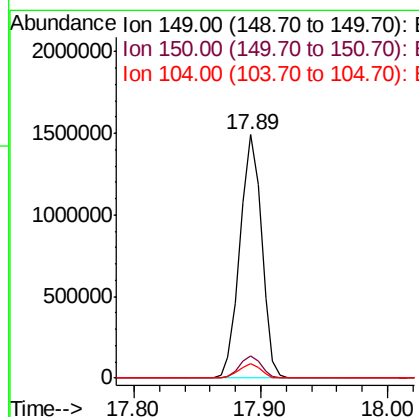
Manual Integrations
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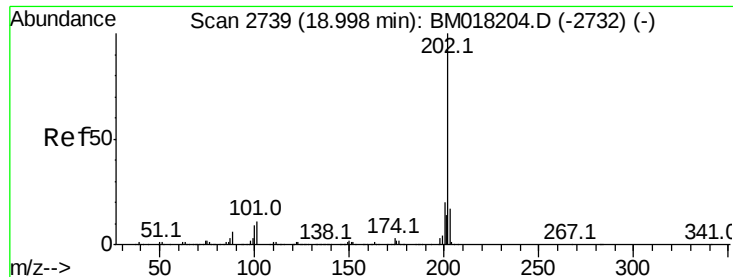
Sohil
 12/20/2018 2:55:00 PM



#74
 Di-n-butylphthalate
 Concen: 41.506 ng
 RT: 17.89 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.7	4.8	7.2





#75

Fluoranthene

Concen: 41.406 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

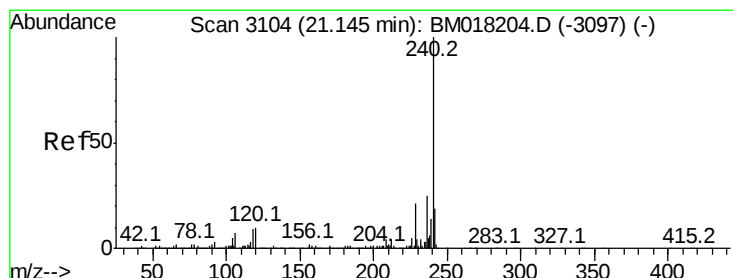
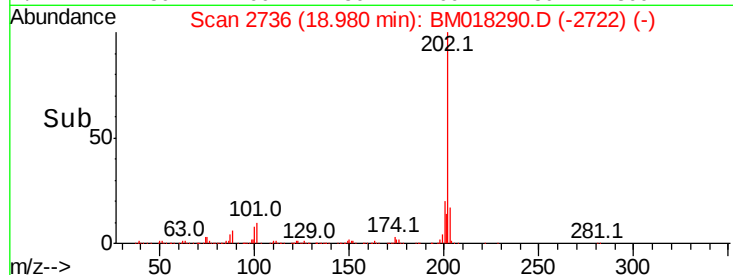
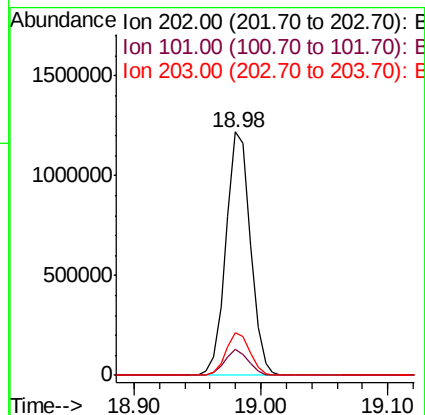
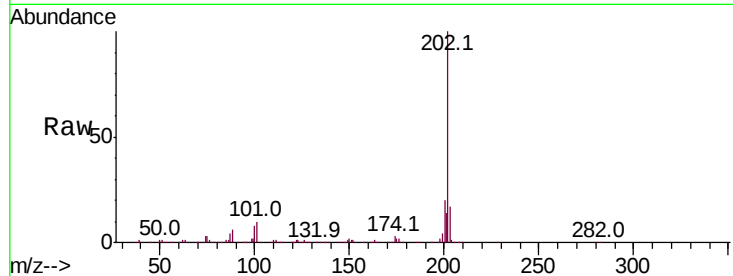
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1626074
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.5
203	17.4	0.0	37.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

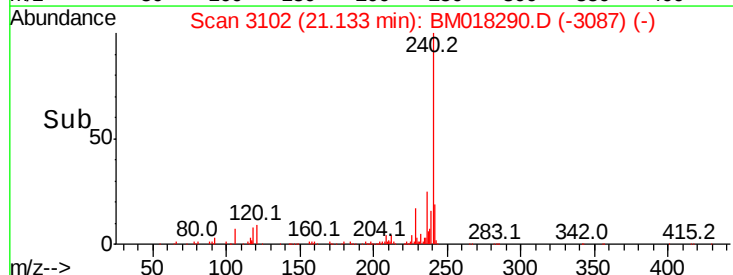
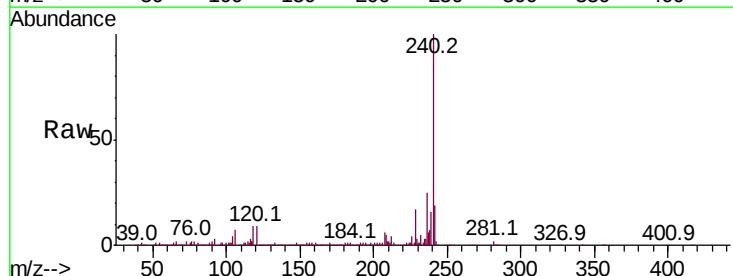
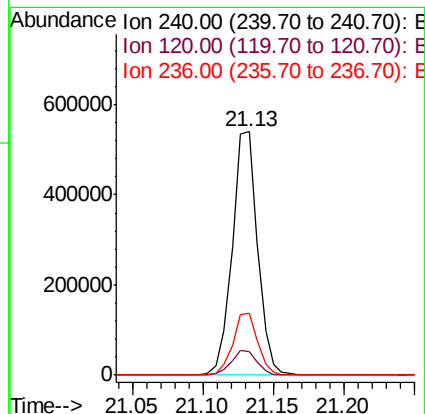
RT: 21.13 min Scan# 3102

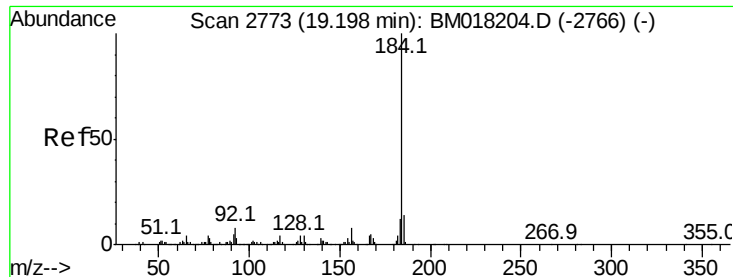
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	240	Resp:	673942
Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.4	20.3	30.5





#77

Benzidine

Concen: 33.831 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

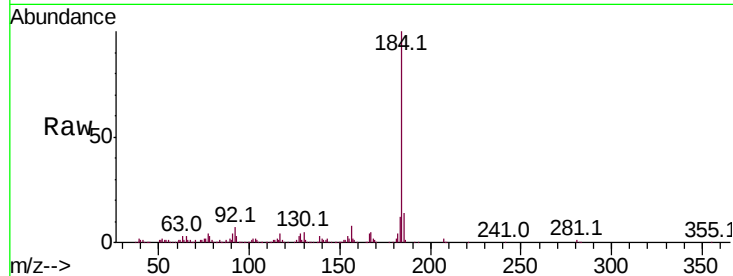
ClientSampleId :

SSTDCCC040

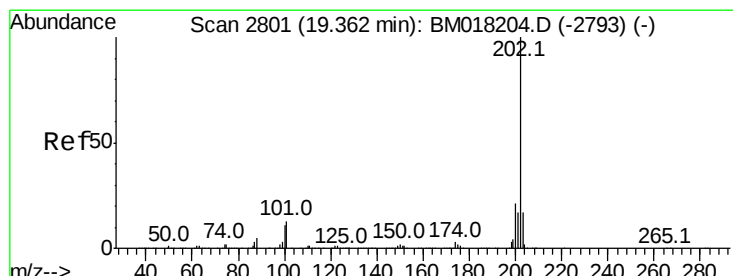
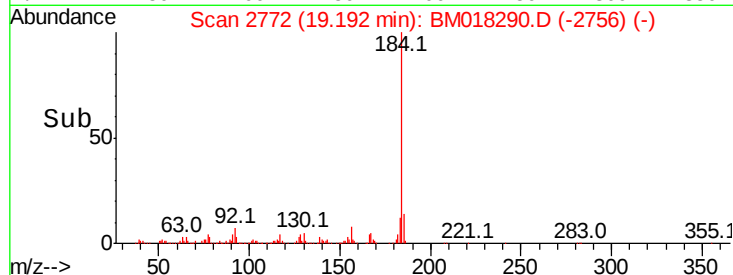
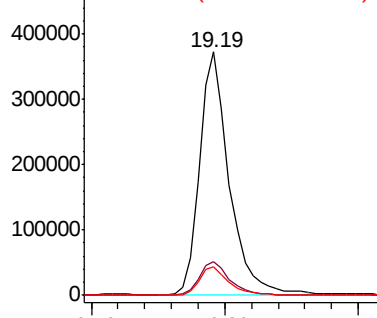
Tot Ion:	184	Resp:	578175
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.4	17.2
183	11.9	9.7	14.5

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



#78

Pyrene

Concen: 42.008 ng

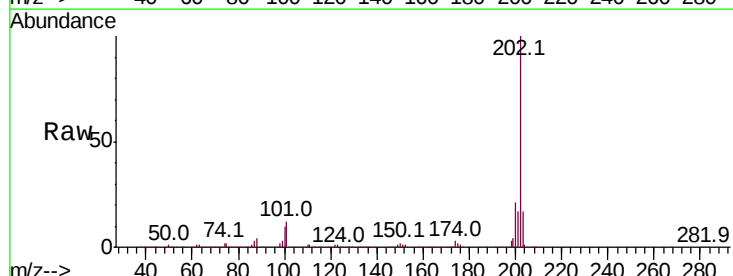
RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

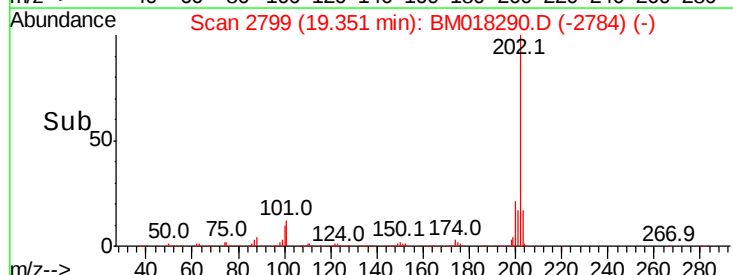
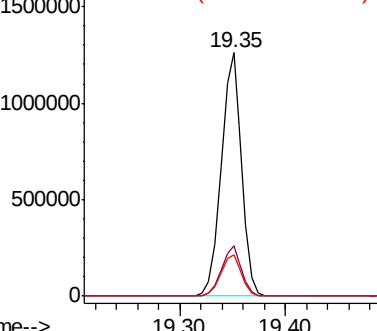
Lab File: BM018290.D

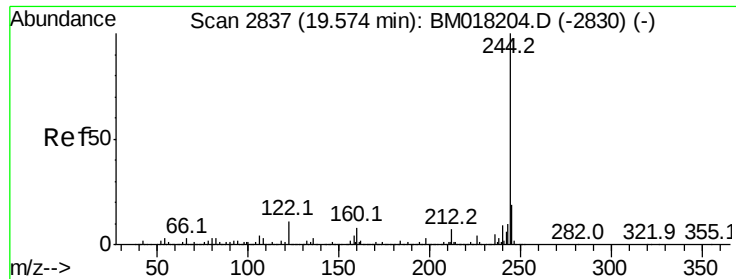
Acq: 19 Dec 2018 10:13

Tgt Ion:	202	Resp:	1686904
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.5	24.7
203	17.0	14.0	21.0



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





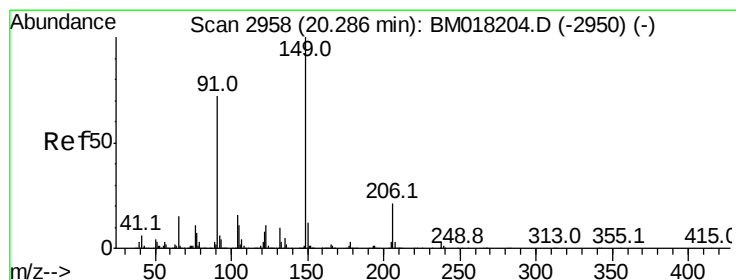
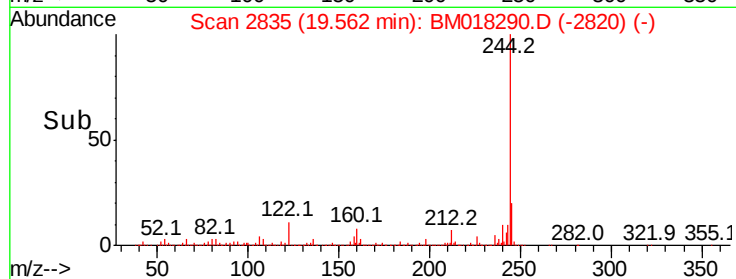
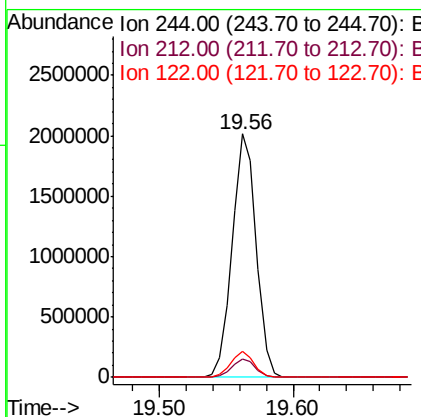
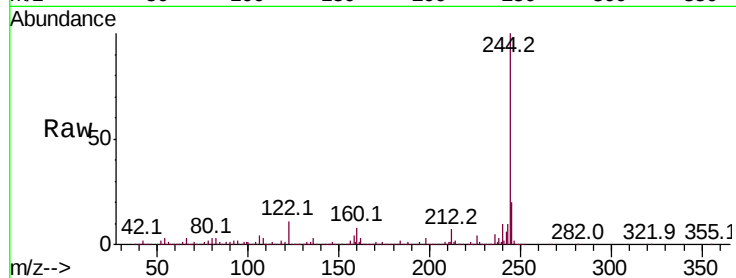
#79
 Terphenyl-d14
 Concen: 84.579 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.6	9.0	13.6

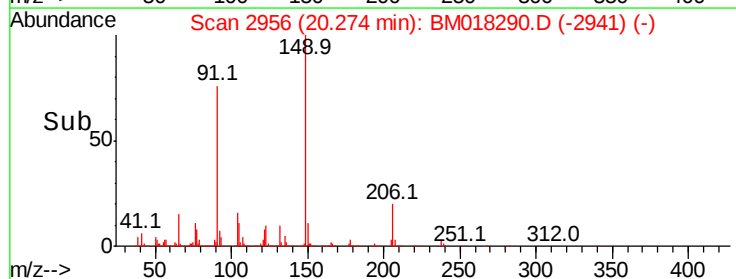
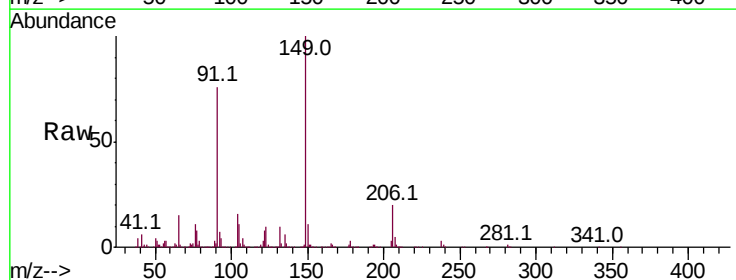
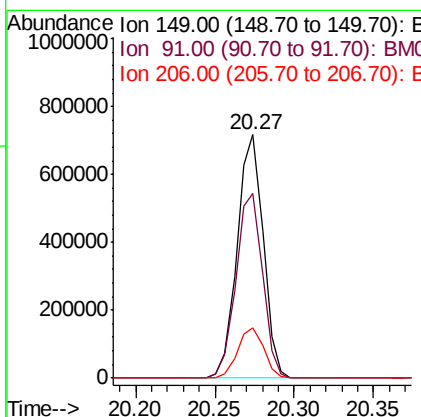
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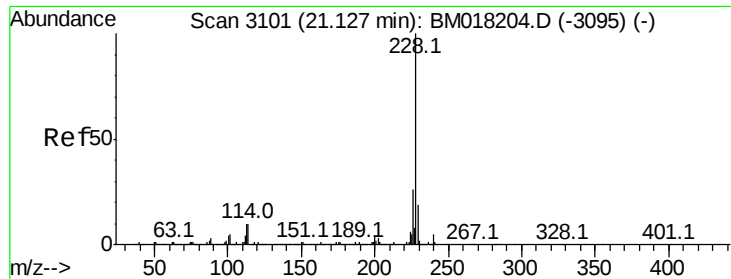
Sohil
 12/20/2018 2:55:00 PM



#80
 Butylbenzylphthalate
 Concen: 42.553 ng
 RT: 20.27 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	57.4	86.2
206	20.5	17.0	25.4





#81

Benzo(a)anthracene

Concen: 40.450 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

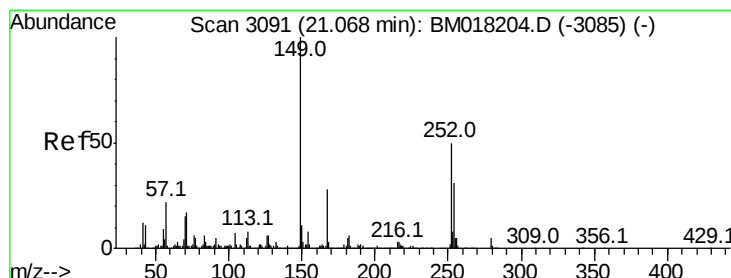
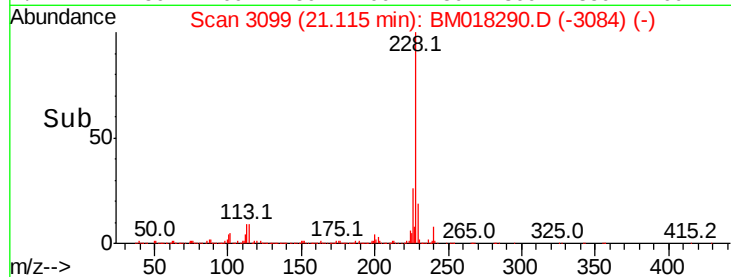
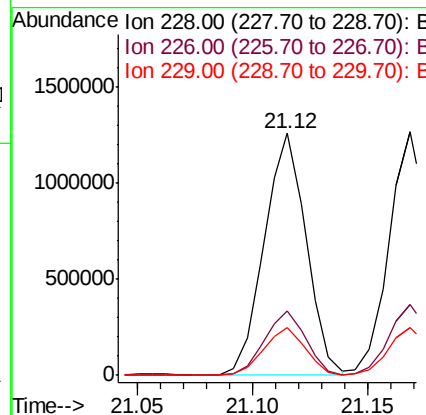
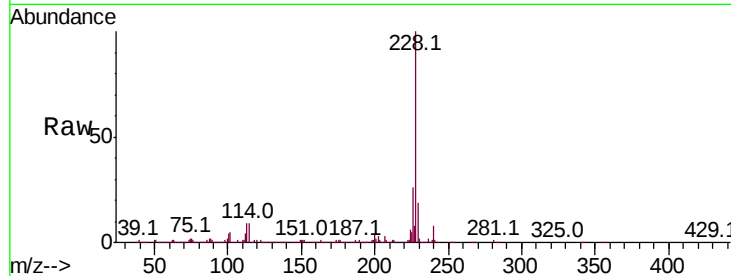
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1592439
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.0	31.4
229	19.5	15.5	23.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 40.824 ng

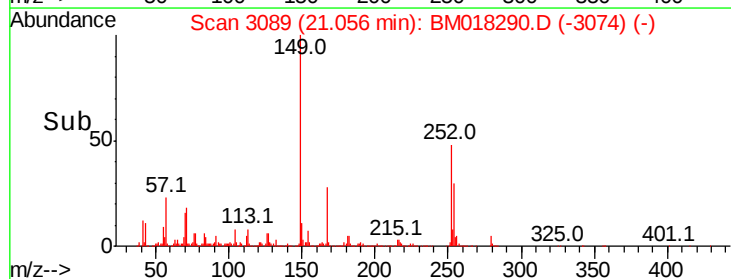
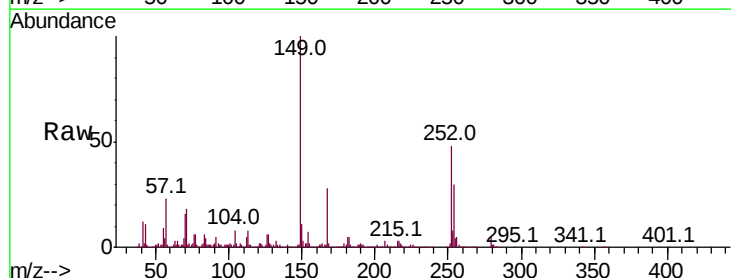
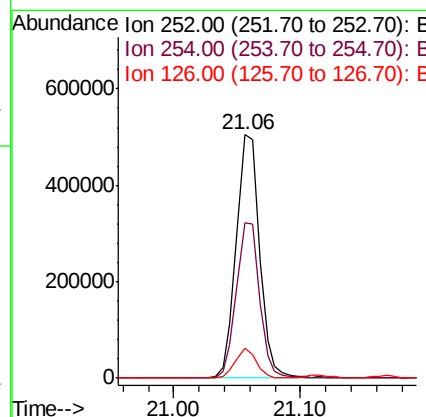
RT: 21.06 min Scan# 3089

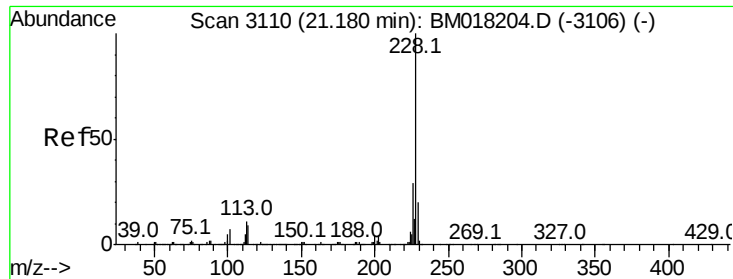
Delta R.T. -0.01 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Tgt Ion:	252	Resp:	642082
Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	12.1	9.4	14.0





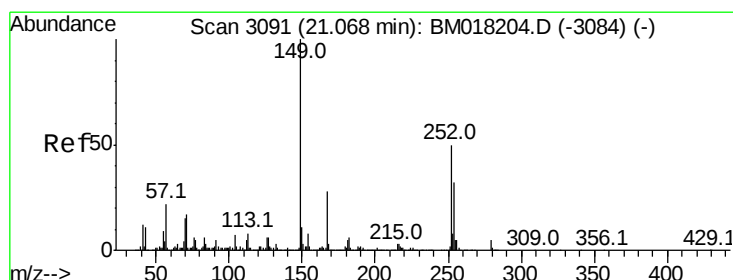
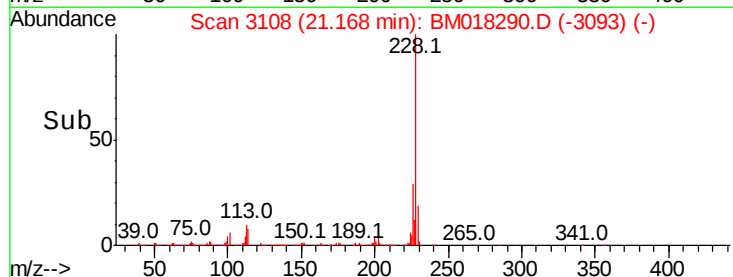
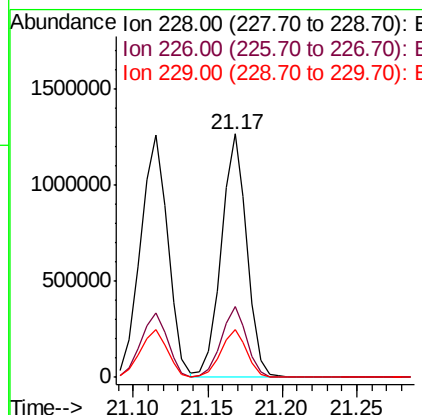
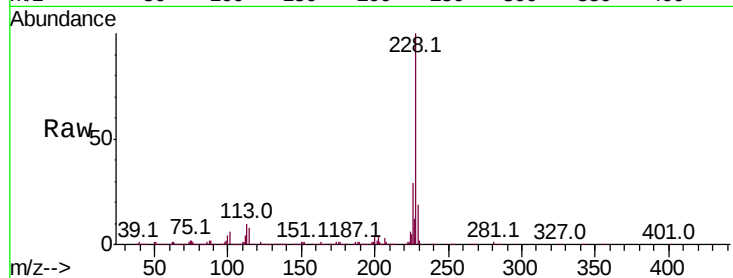
#83
Chrysene
Concen: 40.195 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	19.4	15.8	23.6

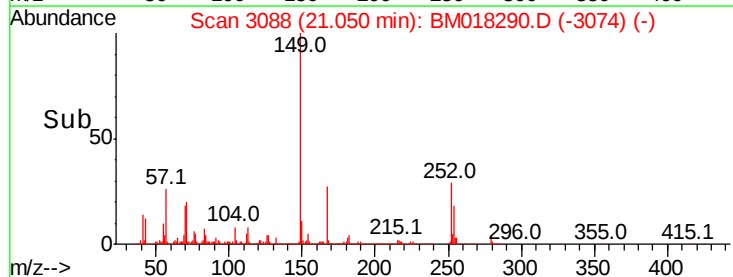
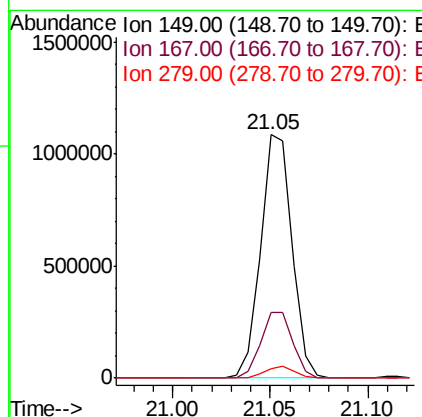
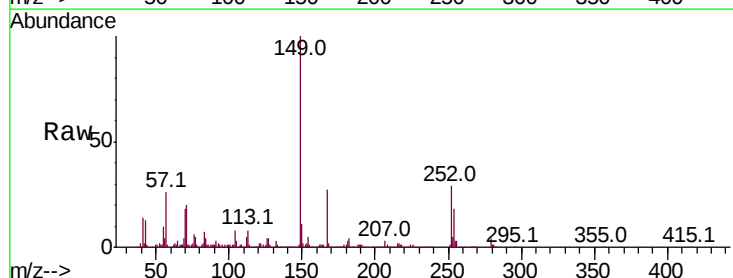
Manual Integrations
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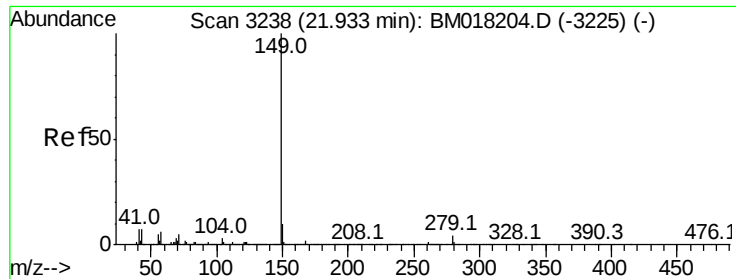
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.332 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.7	34.1
279	4.0	3.9	5.9





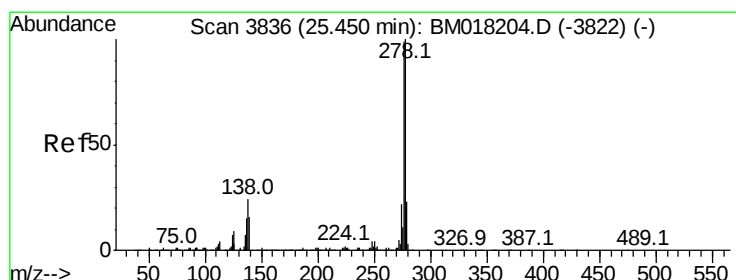
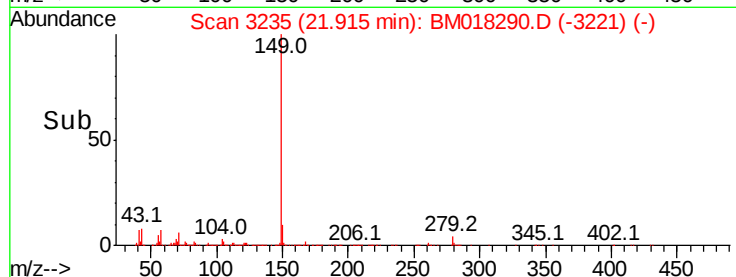
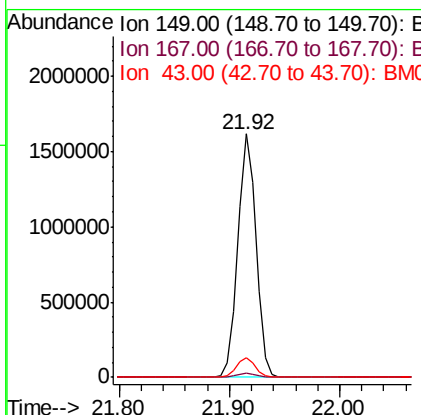
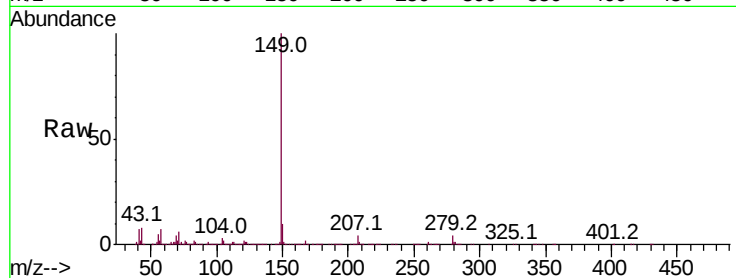
#85
Di-n-octyl phthalate
Concen: 40.220 ng
RT: 21.92 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.1	6.2	9.4

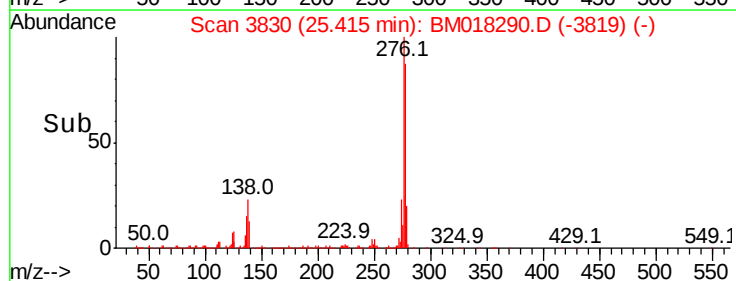
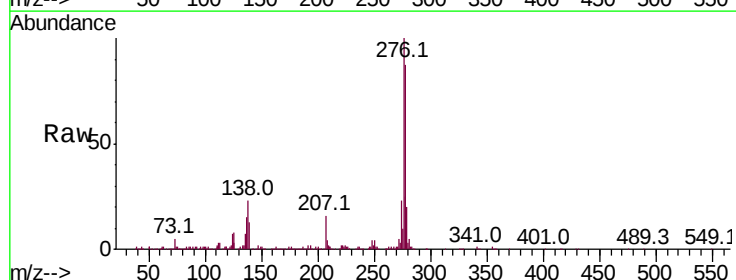
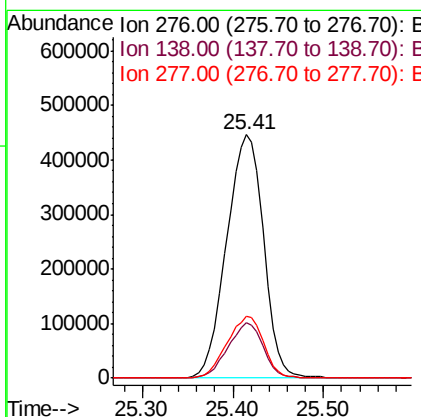
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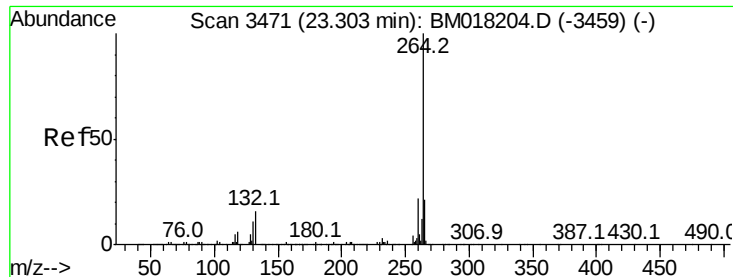
Sohil
12/20/2018 2:55:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.193 ng
RT: 25.41 min Scan# 3830
Delta R.T. -0.04 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.6	28.0
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018290.D

Acq: 19 Dec 2018 10:13

Instrument :

BNA_M

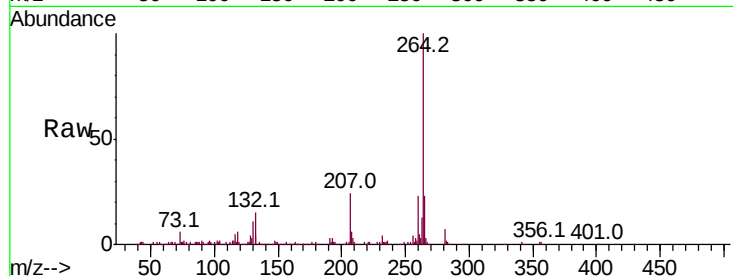
ClientSampleId :

SSTDCCC040

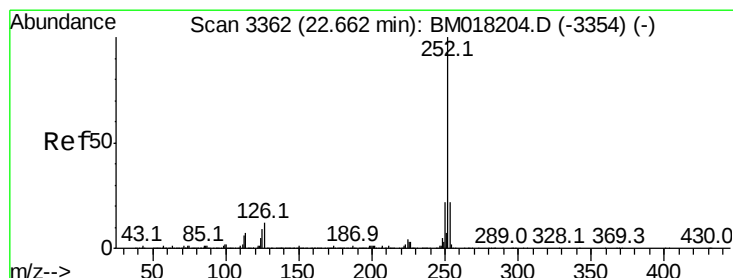
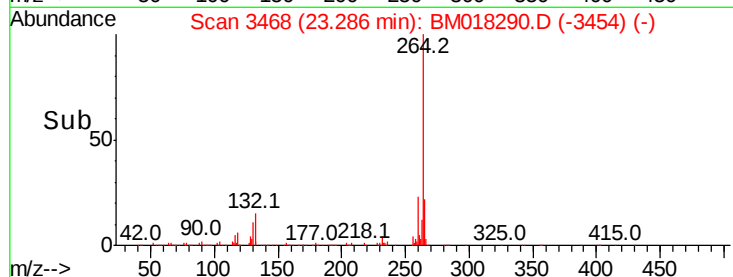
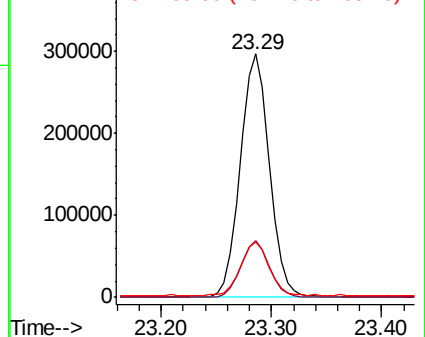
Tot Ion:	264	Resp:	552586
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.5	26.3
265	22.6	17.3	25.9

Manual Integrations
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12/20/2018 2:55:00 PM



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: 43.421 ng

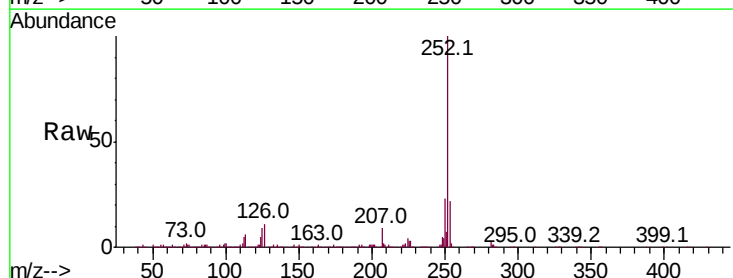
RT: 22.64 min Scan# 3359

Delta R.T. -0.02 min

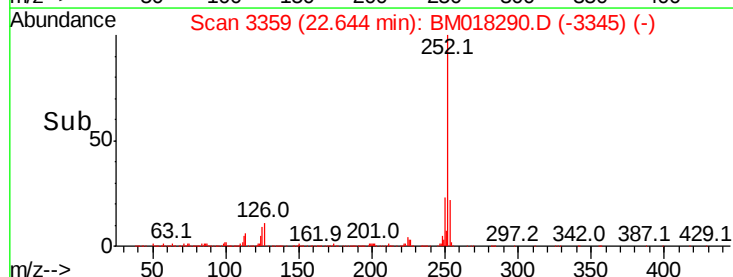
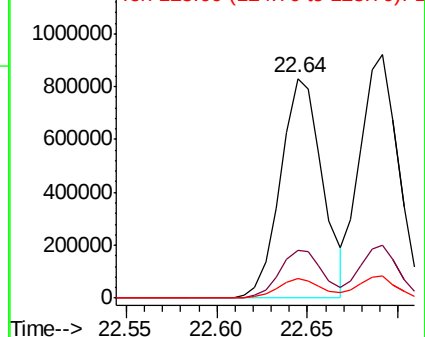
Lab File: BM018290.D

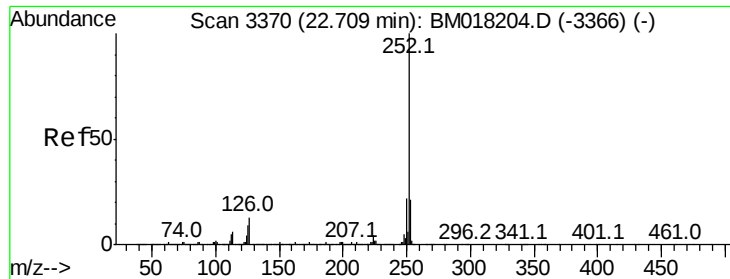
Acq: 19 Dec 2018 10:13

Tgt Ion:	252	Resp:	1347776
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	9.1	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





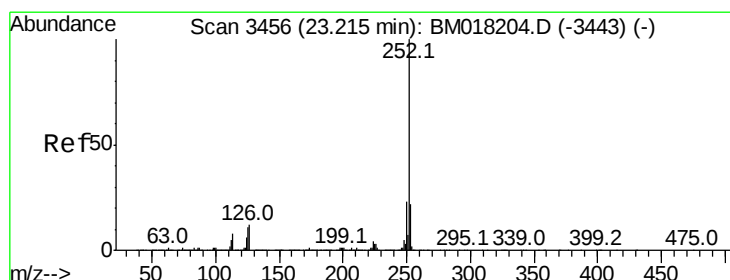
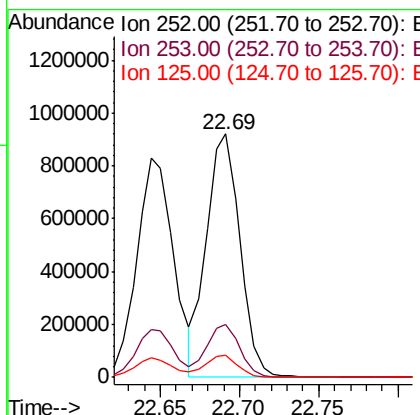
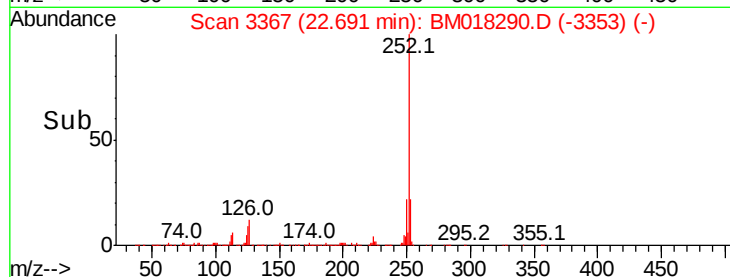
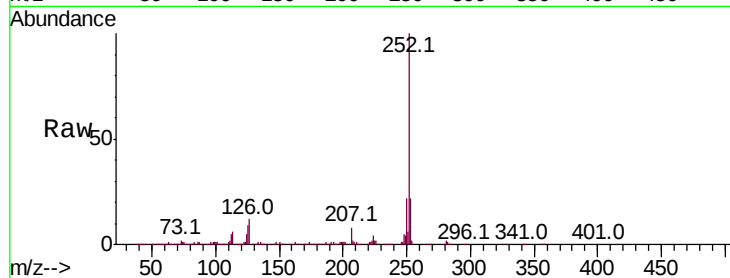
#89
Benzo(k)fluoranthene
Concen: 43.707 ng
RT: 22.69 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.9	25.3
125	8.9	7.5	11.3

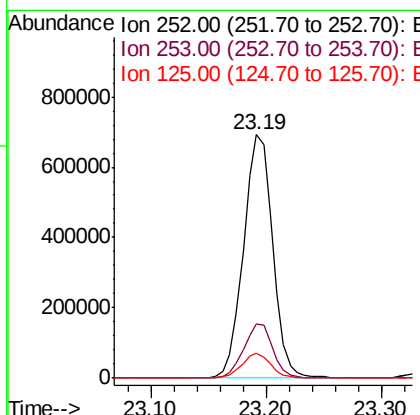
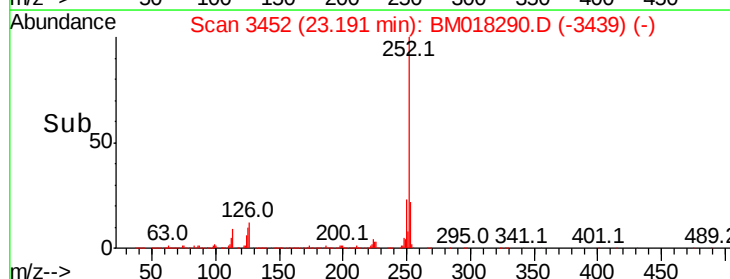
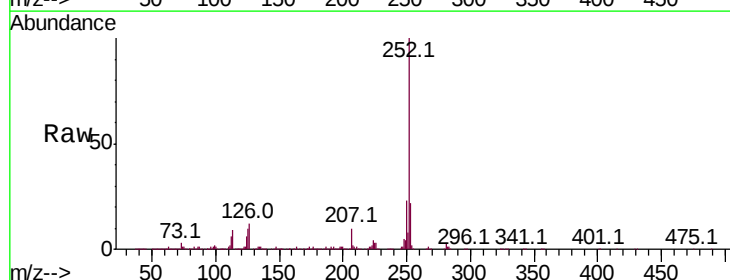
Manual Integrations
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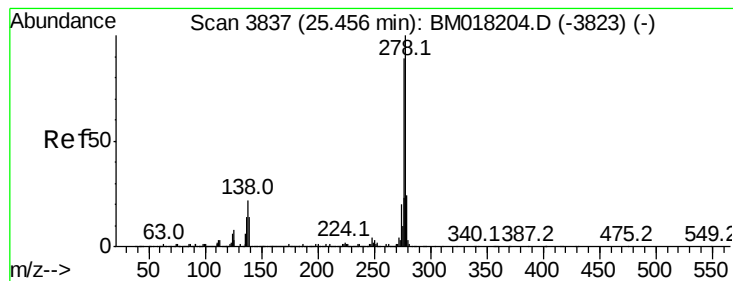
Sohil
12/20/2018 2:55:00 PM



#90
Benzo(a)pyrene
Concen: 41.055 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BM018290.D
Acq: 19 Dec 2018 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.9	8.6	12.8





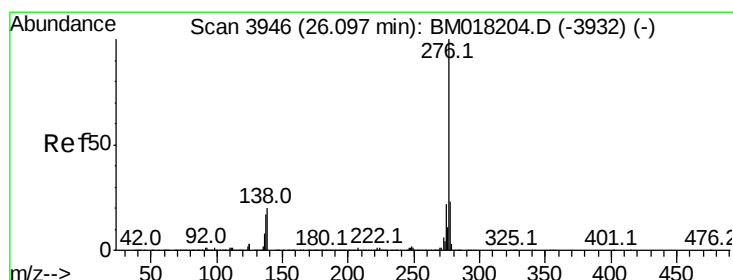
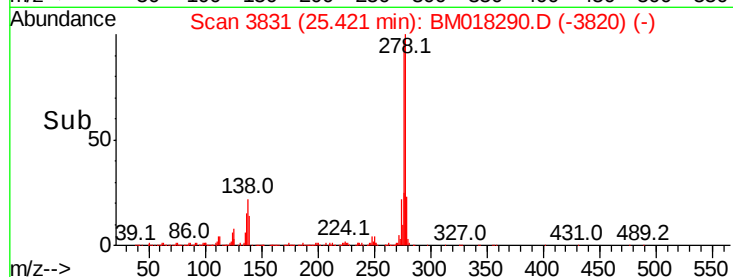
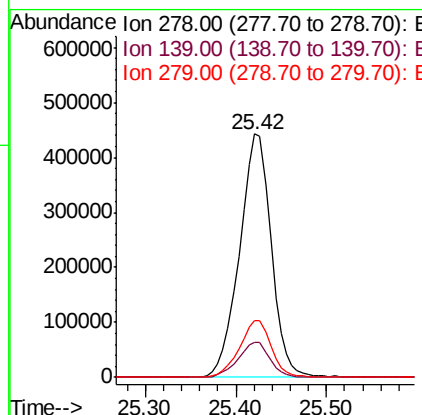
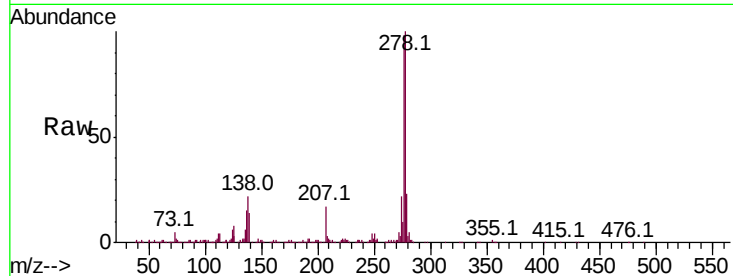
#91
 Dibenzo(a,h)anthracene
 Concen: 39.337 ng
 RT: 25.42 min Scan# 3831
 Delta R.T. -0.04 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:	278	Resp:	1075737
Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.6	17.4
279	23.1	19.2	28.8

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:55:00 PM



#92
 Benzo(g,h,i)perylene
 Concen: 39.158 ng
 RT: 26.06 min Scan# 3940
 Delta R.T. -0.04 min
 Lab File: BM018290.D
 Acq: 19 Dec 2018 10:13

Tgt Ion:	276	Resp:	1012254
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	19.2	15.8	23.8

