

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
 Data File : BM018344.D
 Acq On : 20 Dec 2018 23:35
 Operator : JU/SJ
 Sample : J6388-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Manual Integrations
 APPROVED

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 12/21/2018 4:37:01 PM

Quant Time: Dec 21 16:02:27 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	120784	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	415508	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	202826	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	425054	20.00	ng	0.00
76) Chrysene-d12	21.14	240	557195	20.00	ng	0.00
87) Perylene-d12	23.31	264	601804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1234690	170.76	ng	0.00
7) Phenol-d6	6.71	99	1540482	153.29	ng	0.00
23) Nitrobenzene-d5	8.65	82	1008579	124.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	438354	147.25	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1613382	103.03	ng	-0.02
79) Terphenyl-d14	19.57	244	2254317	91.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	113520	39.634	ng	98
3) Pyridine	3.51	79	303989	36.077	ng	96
4) n-Nitrosodimethylamine	3.43	42	151855	52.358	ng	95
6) Aniline	6.85	93	195148	15.479	ng	96
8) 2-Chlorophenol	7.07	128	348140	40.752	ng	97
9) Benzaldehyde	6.66	77	122900	20.063	ng	93
10) Phenol	6.73	94	604953	56.839	ng	96
11) bis(2-Chloroethyl)ether	6.94	93	337609	39.912	ng	99
12) 1,3-Dichlorobenzene	7.37	146	370666	38.856	ng	98
13) 1,4-Dichlorobenzene	7.52	146	388444	40.099	ng	98
14) 1,2-Dichlorobenzene	7.83	146	364469	39.029	ng	98
15) Benzyl Alcohol	7.75	79	330993	40.420	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	267283	35.113	ng	92
17) 2-Methylphenol	7.96	107	298274	41.971	ng	92
18) Hexachloroethane	8.53	117	128036	36.060	ng	94
19) n-Nitroso-di-n-propylamine	8.30	70	285180	38.005	ng	96
20) 3+4-Methylphenols	8.28	107	449179	45.107	ng	96
22) Acetophenone	8.32	105	526256	47.860	ng	# 99
24) Nitrobenzene	8.69	77	411233	50.807	ng	93
25) Isophorone	9.21	82	686008	50.866	ng	99
26) 2-Nitrophenol	9.39	139	120618	30.383	ng	# 86
27) 2,4-Dimethylphenol	9.46	122	301608	52.715	ng	93
28) bis(2-Chloroethoxy)methane	9.69	93	405903	46.172	ng	98
29) 2,4-Dichlorophenol	9.93	162	276947	43.657	ng	97
30) 1,2,4-Trichlorobenzene	10.12	180	468904	64.984	ng	94
31) Naphthalene	10.30	128	966702	47.580	ng	99
32) Benzoic acid	9.66	122	174739m	32.253	ng	
33) 4-Chloroaniline	10.45	127	110719	12.441	ng	97
34) Hexachlorobutadiene	10.57	225	191832	42.035	ng	98
35) Caprolactam	11.27	113	84300m	34.875	ng	
36) 4-Chloro-3-methylphenol	11.59	107	301981	39.617	ng	96
37) 2-Methylnaphthalene	11.93	142	679152	47.400	ng	97
38) 1-Methylnaphthalene	12.15	142	635551	45.457	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	337865	48.442	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	37829	19.223	nq	96
43) 2,4,6-Trichlorophenol	12.57	196	205563	45.824	nq	95
44) 2,4,5-Trichlorophenol	12.66	196	214437	45.027	nq	95
46) 1,1'-Biphenyl	12.97	154	782688	42.894	nq	98
47) 2-Chloronaphthalene	13.01	162	572209	42.606	nq	98
48) 2-Nitroaniline	13.25	65	212115	51.271	nq	93
49) Acenaphthylene	13.87	152	1192105	58.902	nq	98
50) Dimethylphthalate	13.62	163	802397	47.585	nq	99
51) 2,6-Dinitrotoluene	13.75	165	132517	35.749	nq	85
52) Acenaphthene	14.22	154	529079	42.776	nq	99
53) 3-Nitroaniline	14.09	138	100830	25.848	nq #	88
54) 2,4-Dinitrophenol	14.32	184	6740	3.296	nq #	83
55) Dibenzofuran	14.55	168	876708	44.113	nq	97
56) 4-Nitrophenol	14.44	139	236938	80.111	nq #	80
57) 2,4-Dinitrotoluene	14.56	165	183475	35.808	nq #	83
58) Fluorene	15.21	166	763849	49.763	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	196657	45.851	nq #	95
60) Diethylphthalate	15.00	149	731257	40.185	nq	98
61) 4-Chlorophenyl-phenylether	15.21	204	348492	40.144	nq	99
62) 4-Nitroaniline	15.27	138	104083	28.119	nq	86
63) Azobenzene	15.50	77	743431	44.805	nq	98
65) 4,6-Dinitro-2-methylphenol	15.33	198	7620	2.435	nq #	47
66) n-Nitrosodiphenylamine	15.43	169	575087	40.915	nq	99
67) 4-Bromophenyl-phenylether	16.10	248	203794	39.589	nq	96
68) Hexachlorobenzene	16.22	284	229030	40.611	nq	97
69) Atrazine	16.41	200	201592	42.484	nq	99
70) Pentachlorophenol	16.57	266	275383	73.937	nq	97
71) Phenanthrene	16.96	178	1864659	80.763	nq	99
72) Anthracene	17.05	178	1287849	56.226	nq	100
73) Carbazole	17.33	167	972074	41.348	nq	99
74) Di-n-butylphthalate	17.90	149	1209607	41.700	nq	99
75) Fluoranthene	18.99	202	1851246	68.965	nq	100
77) Benzidine	19.20	184	2752	0.195	nq #	1
78) Pyrene	19.36	202	2348117	70.726	nq	99
80) Butylbenzylphthalate	20.28	149	633777	40.126	nq	92
81) Benzo(a)anthracene	21.13	228	1858644	57.104	nq	95
82) 3,3'-Dichlorobenzidine	21.08	252	35127	2.701	nq #	77
83) Chrysene	21.18	228	1796754	57.392	nq	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	944108	40.107	nq	99
85) Di-n-octyl phthalate	21.93	149	1710402	44.367	nq	100
86) Indeno(1,2,3-cd)pyrene	25.46	276	1915941	61.437	nq	98
88) Benzo(b)fluoranthene	22.67	252	1805188	53.400	nq	99
89) Benzo(k)fluoranthene	22.71	252	1629870	48.413	nq	98
90) Benzo(a)pyrene	23.22	252	1885610	58.648	nq	100
91) Dibenzo(a,h)anthracene	25.47	278	1487124	49.932	nq	99
92) Benzo(g,h,i)perylene	26.11	276	1684917	59.849	nq	99

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

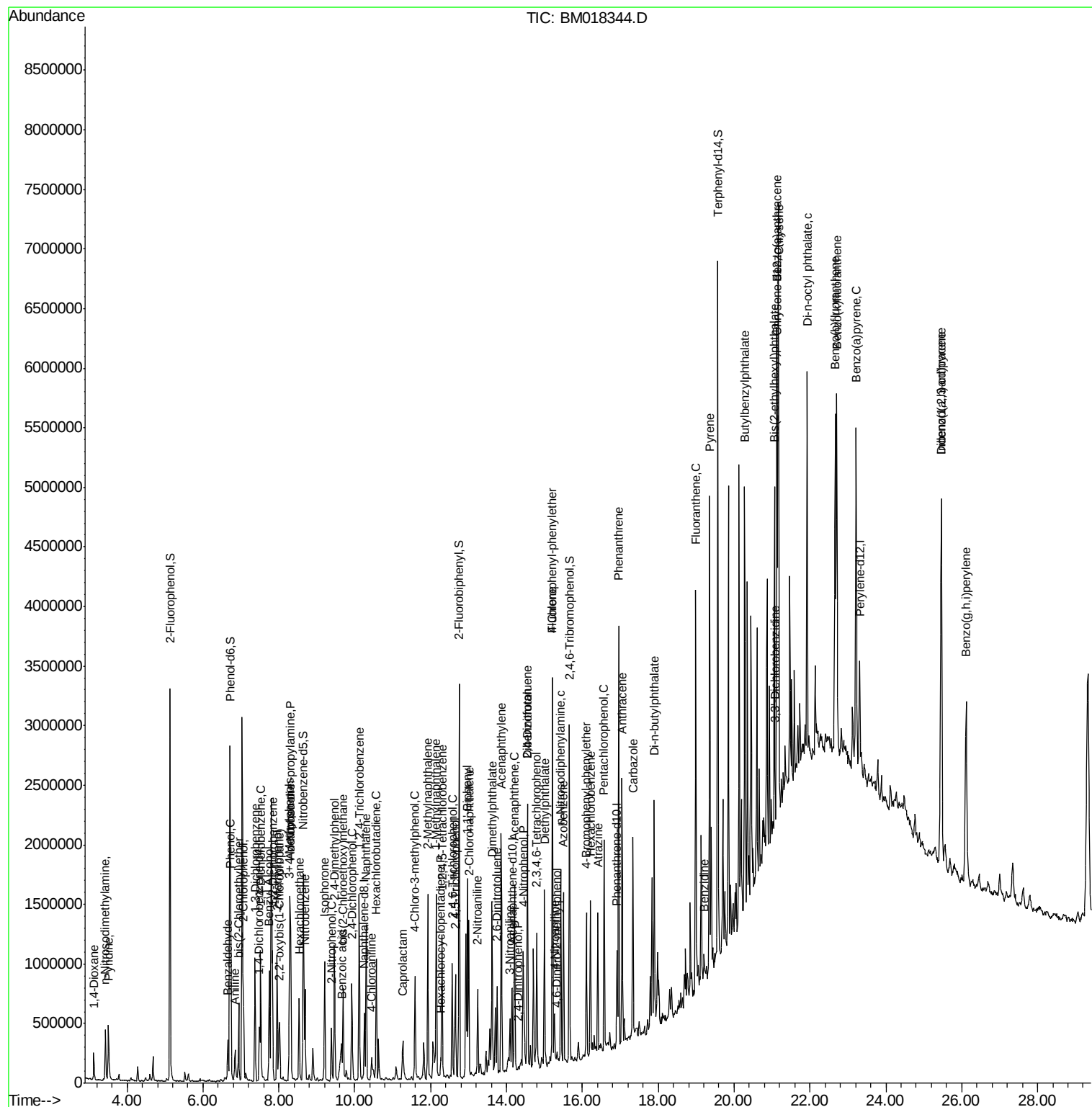
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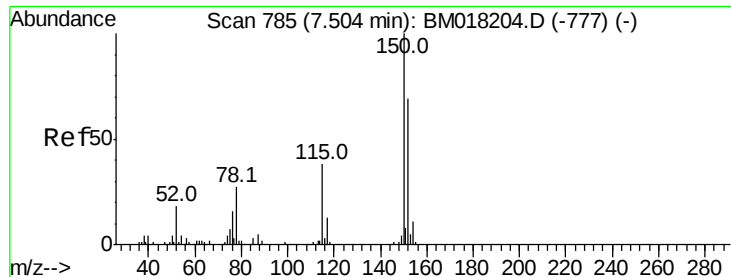
Instrument :
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#1

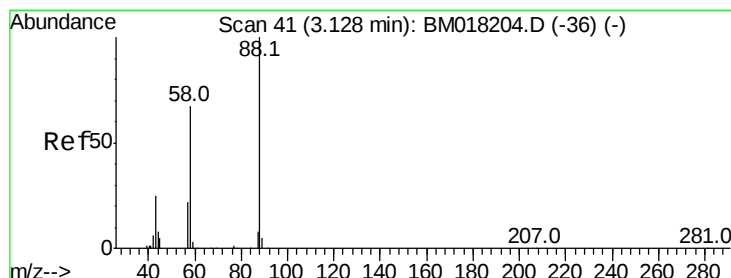
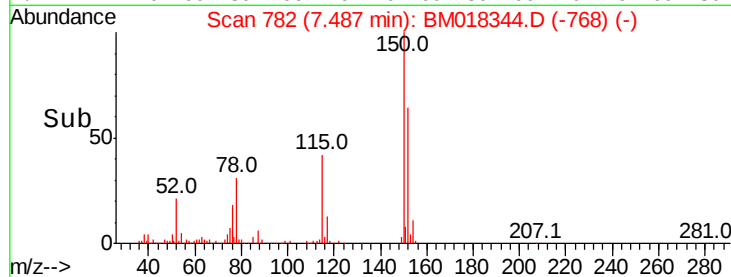
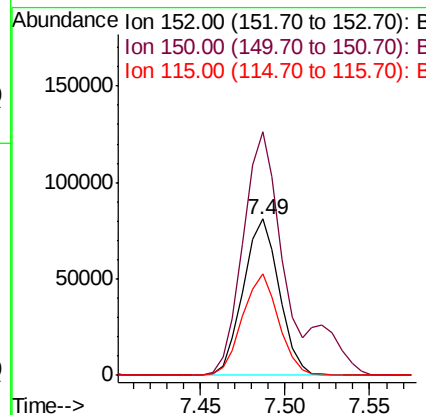
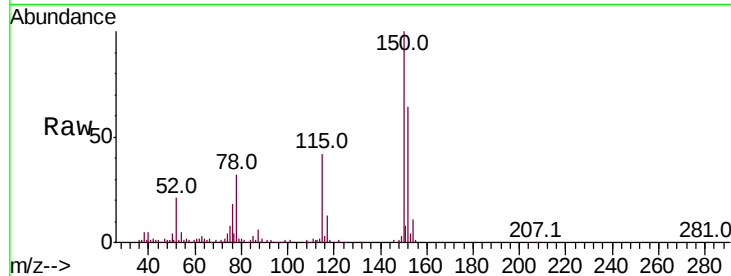
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	116.1	174.1
115	65.2	44.6	67.0

Manual Integrations
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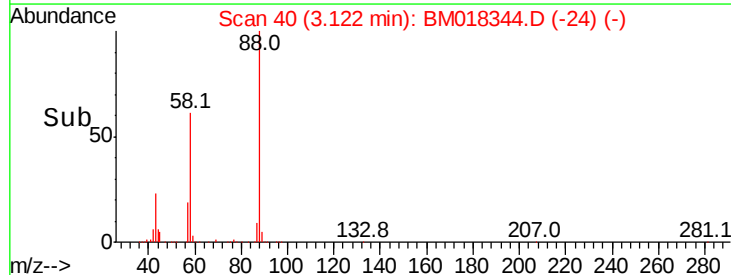
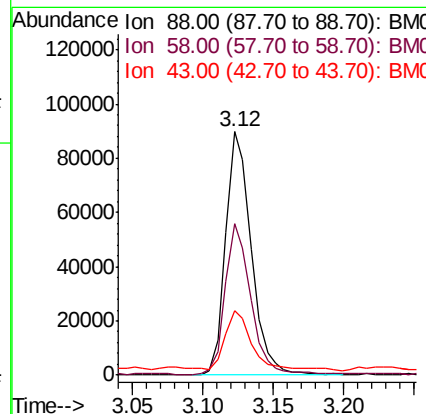
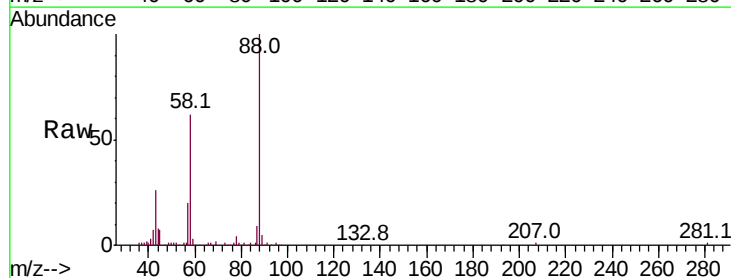
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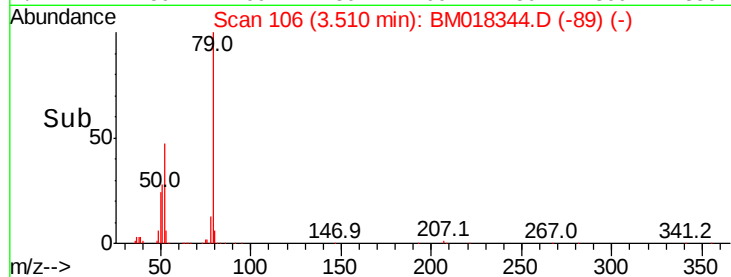
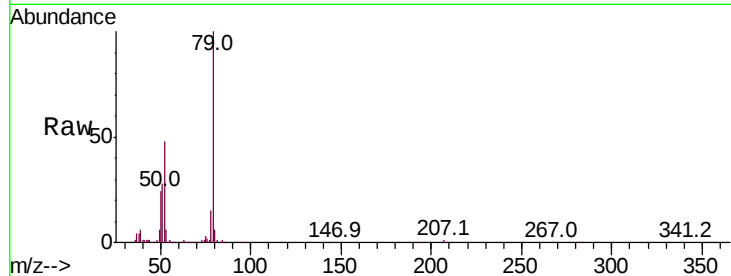
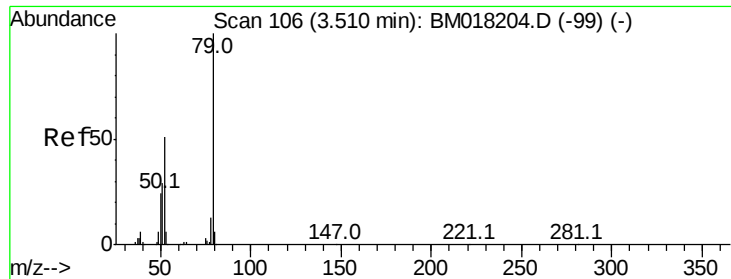


#2

1,4-Dioxane
Concen: 39.634 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.2	49.8	74.6
43	26.1	19.1	28.7





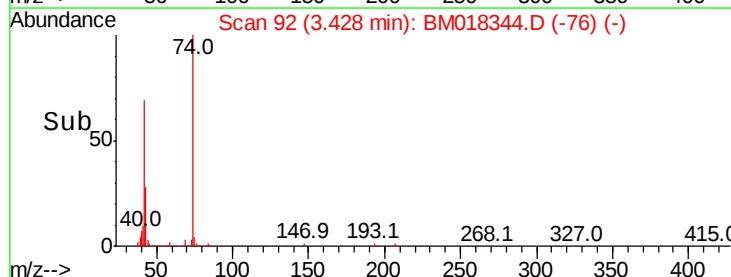
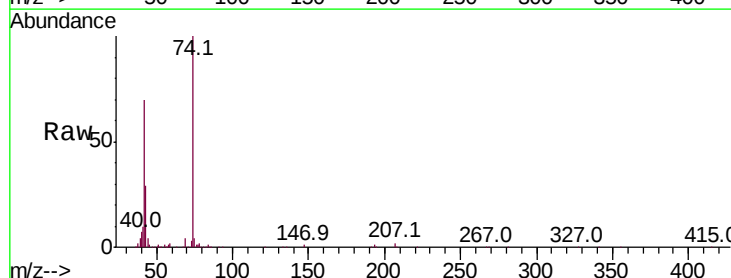
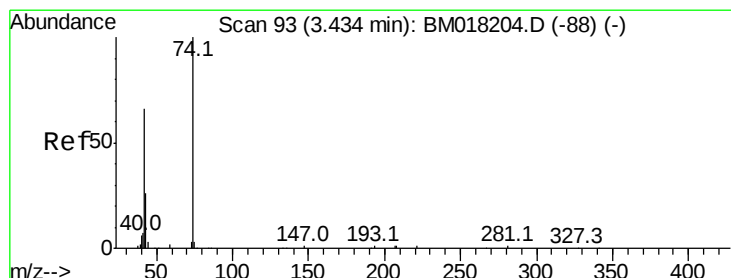
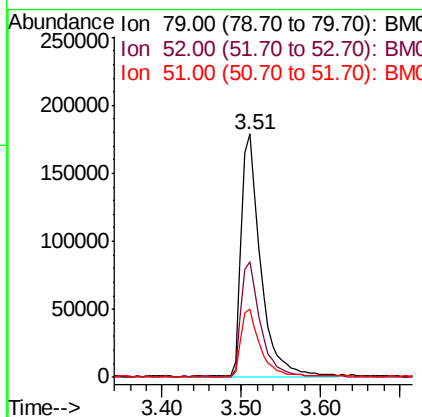
#3
 Pvridine
 Concen: 36.077 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.5	40.7	61.1
51	27.9	23.0	34.6

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

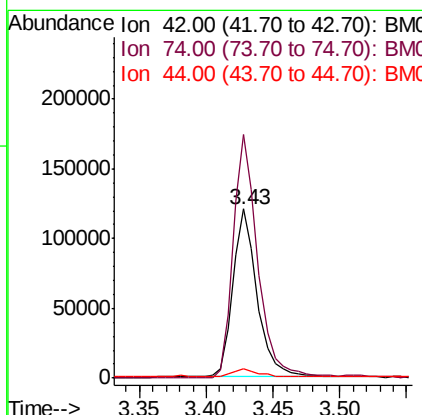
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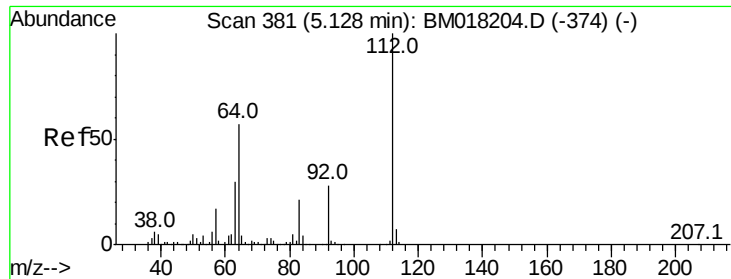
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#4
 n-Nitrosodimethylamine
 Concen: 52.358 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.8	120.4	180.6
44	5.9	4.6	7.0





#5

2-Fluorophenol

Concen: 170.762 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

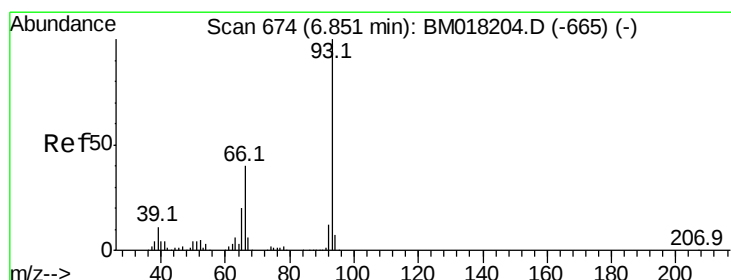
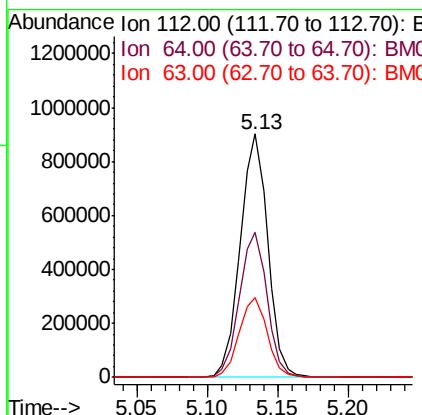
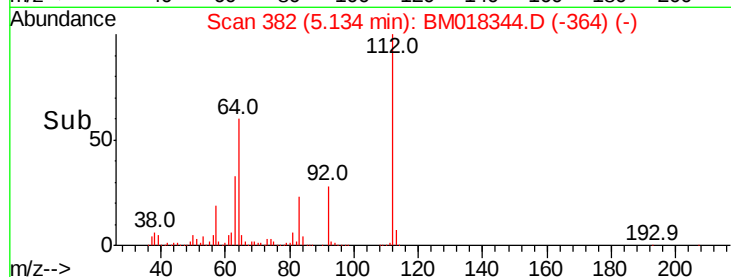
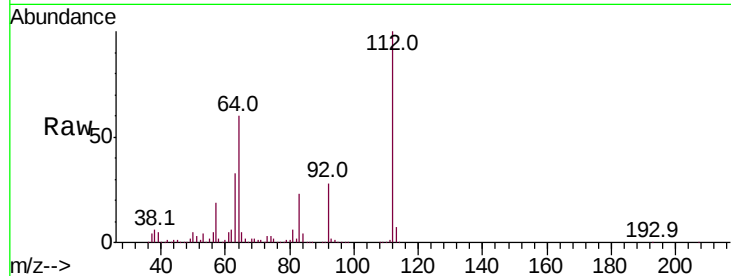
ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:	112	Resp:	1234690
Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.4	68.2
63	33.0	24.0	36.0

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#6

Aniline

Concen: 15.479 ng

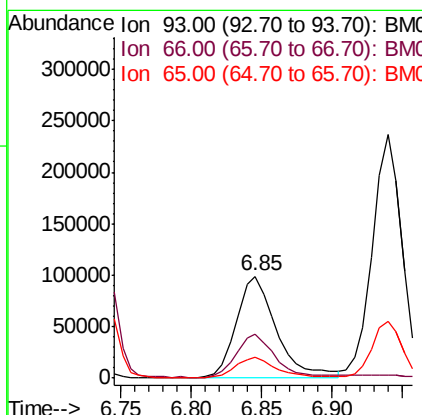
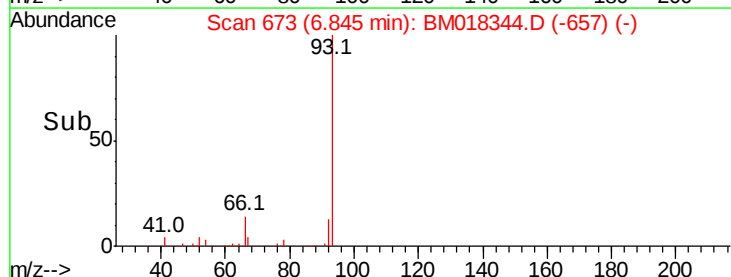
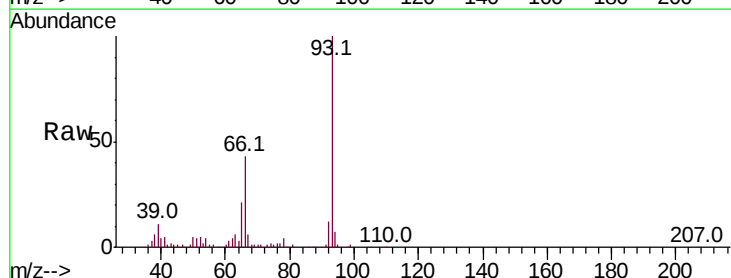
RT: 6.85 min Scan# 673

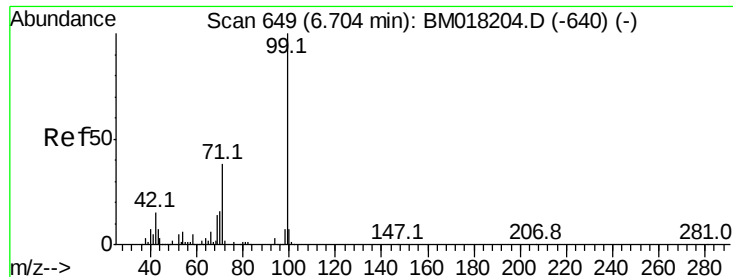
Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	93	Resp:	195148
Ion	Ratio	Lower	Upper
93	100		
66	43.5	32.3	48.5
65	21.1	16.2	24.4





#7

Phenol-d6

Concen: 153.285 ng

RT: 6.71 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

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ClientSampleId :

P001-SS008-1218-01MS

Tot Ion: 99 Resp: 1540482

Ion Ratio Lower Upper

99 100

42 17.1 12.3 18.5

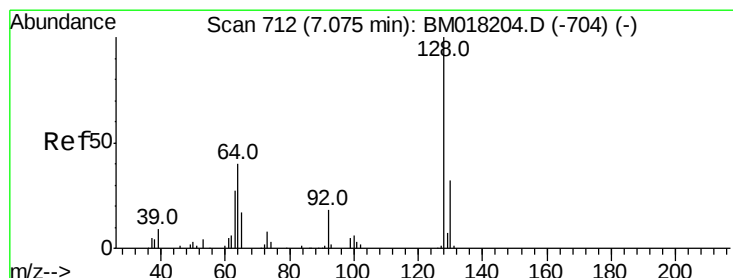
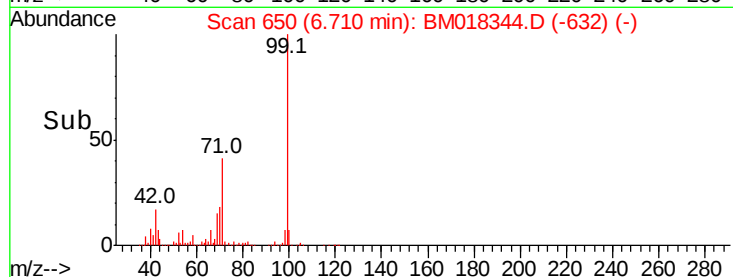
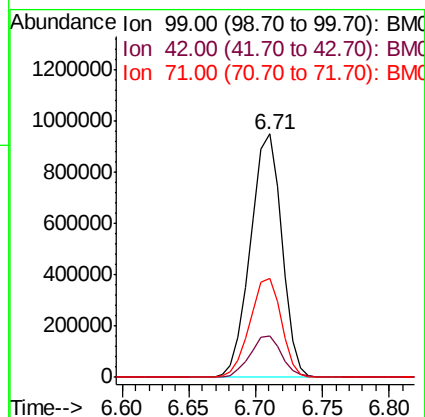
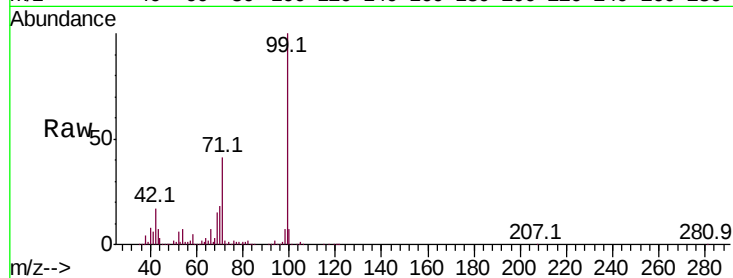
71 40.6 30.2 45.2

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#8

2-Chlorophenol

Concen: 40.752 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

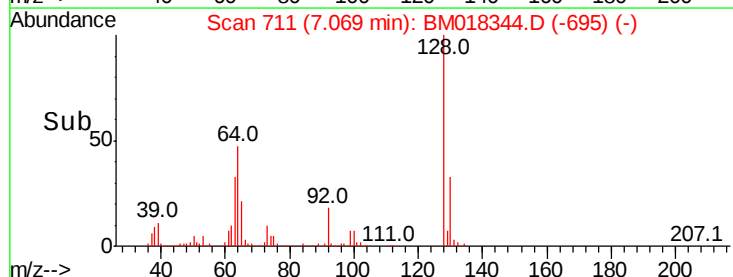
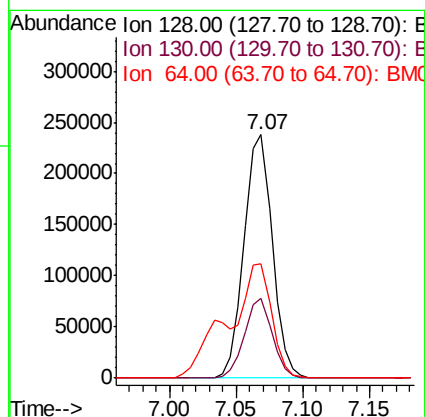
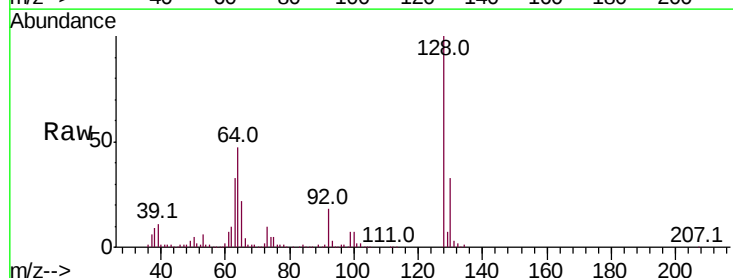
Tgt Ion: 128 Resp: 348140

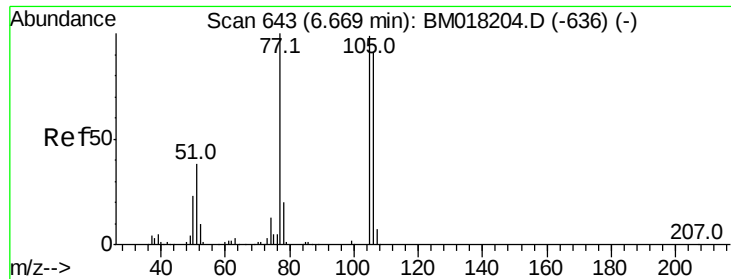
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 46.8 24.1 64.1





#9

Benzaldehyde

Concen: 20.063 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

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Instrument :

BNA_M

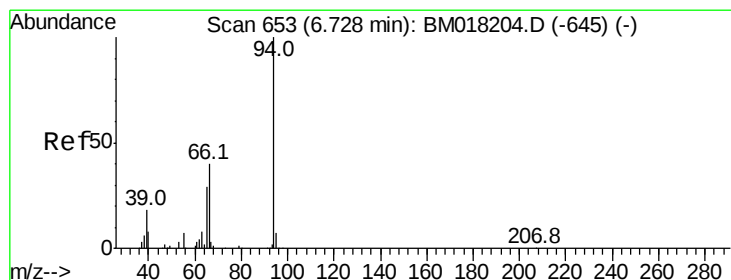
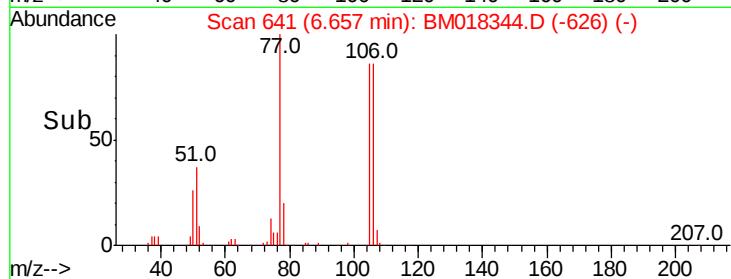
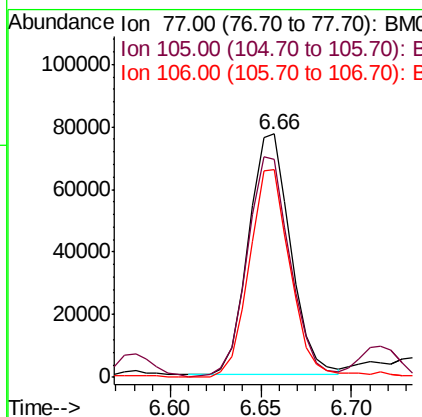
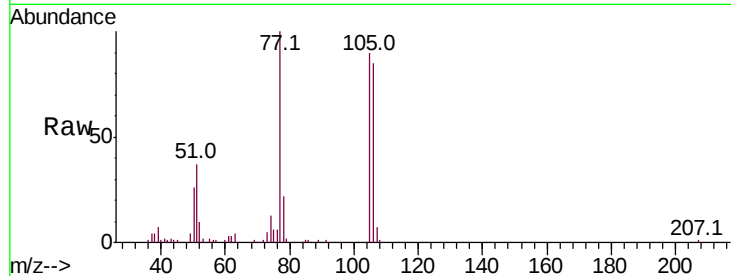
ClientSampleId :

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Tot Ion:	77	Resp:	122900
Ion Ratio	Lower	Upper	
77	100		
105	89.8	78.8	118.8
106	85.5	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 56.839 ng

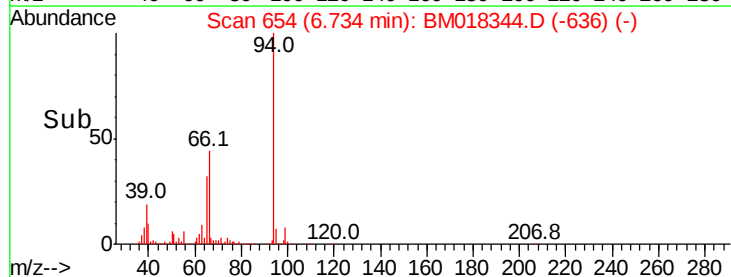
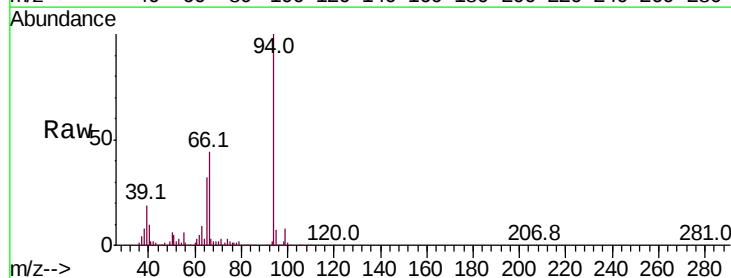
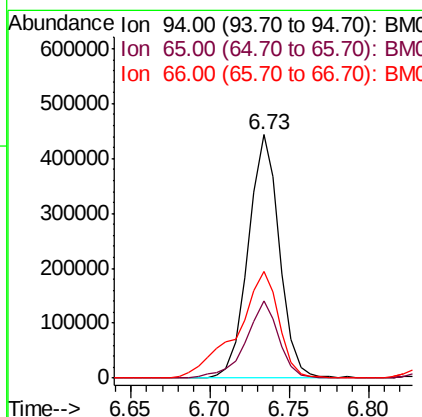
RT: 6.73 min Scan# 654

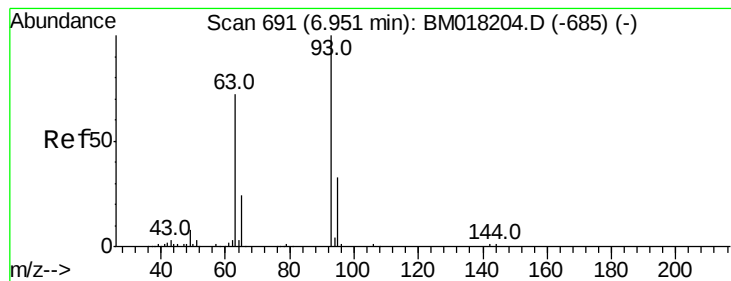
Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	94	Resp:	604953
Ion Ratio	Lower	Upper	
94	100		
65	31.8	9.5	49.5
66	43.6	21.3	61.3





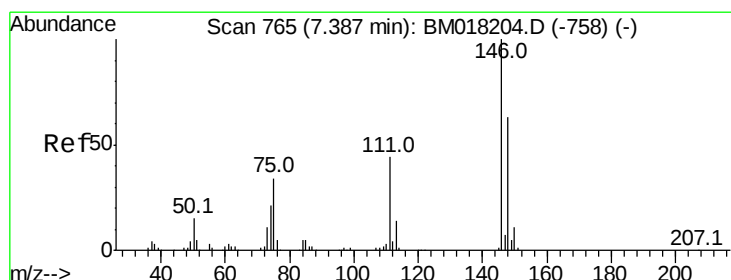
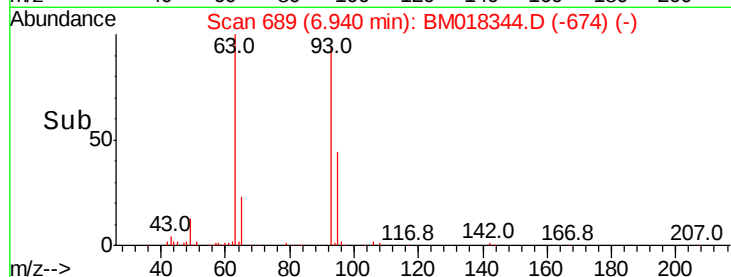
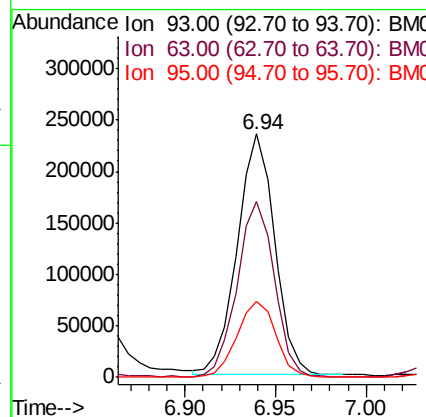
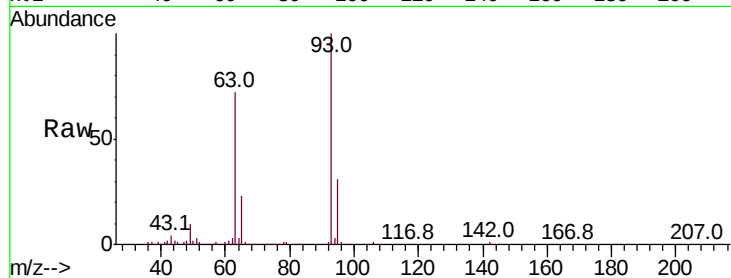
#11
bis(2-Chloroethyl)ether
Concen: 39.912 ng
RT: 6.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	93	Resp	337609
Ion Ratio	100	Lower	Upper
93	100		
63	72.2	51.7	91.7
95	31.3	13.1	53.1

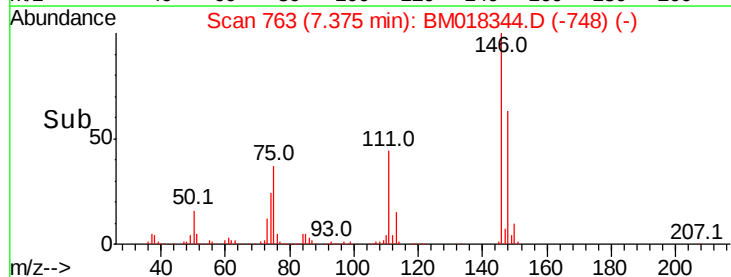
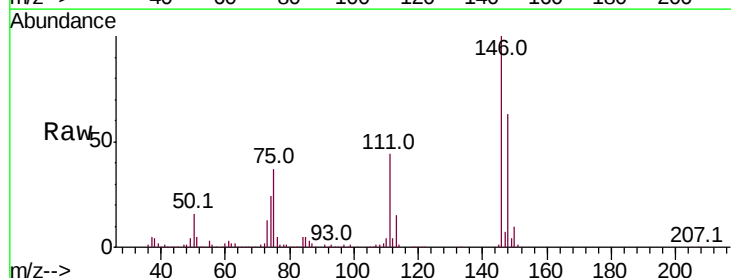
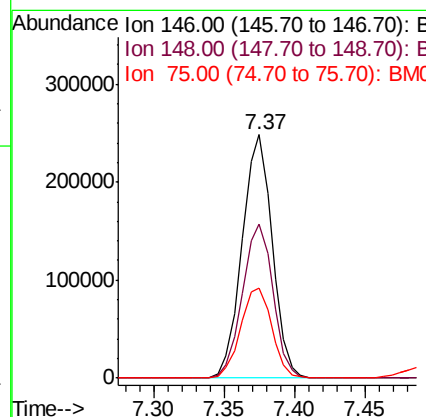
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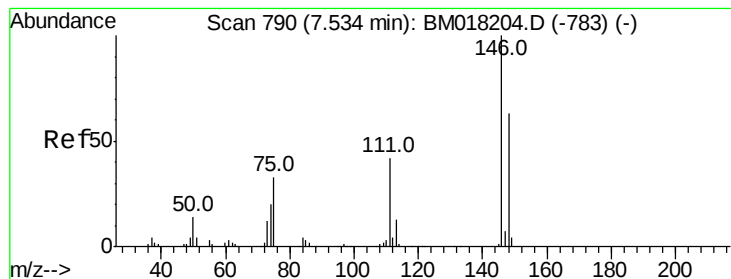
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.856 ng
RT: 7.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	146	Resp	370666
Ion Ratio	100	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	36.8	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 40.099 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

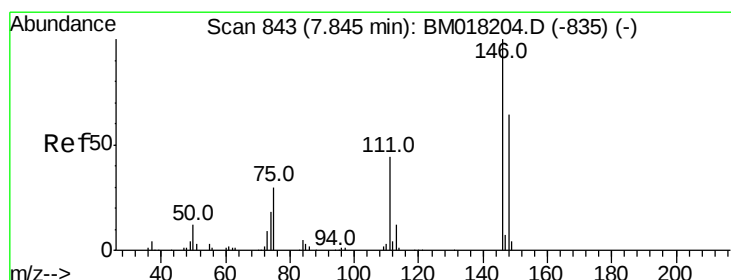
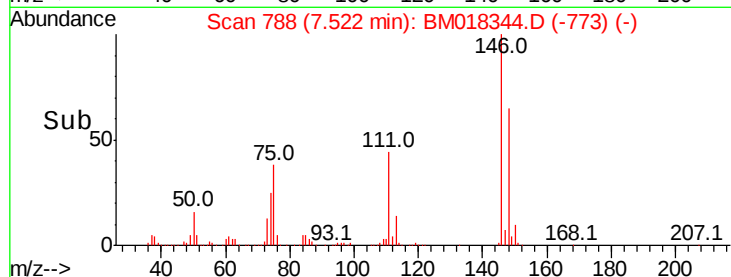
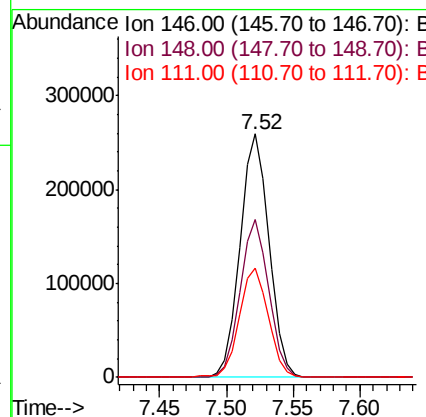
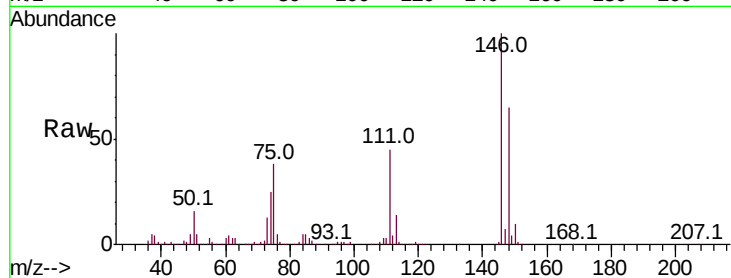
ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:	146	Resp:	388444
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.7	76.1
111	44.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 39.029 ng

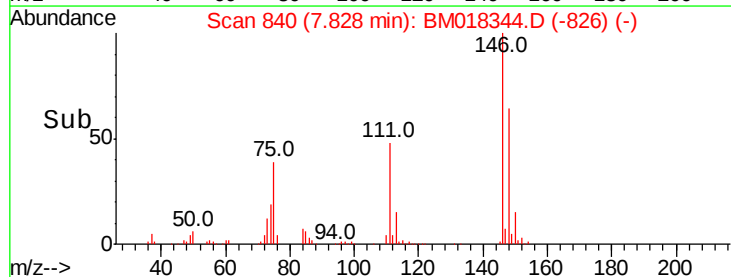
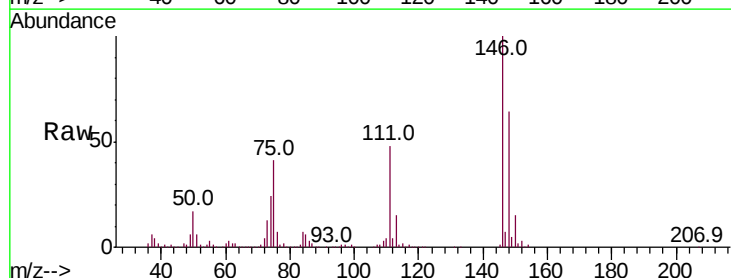
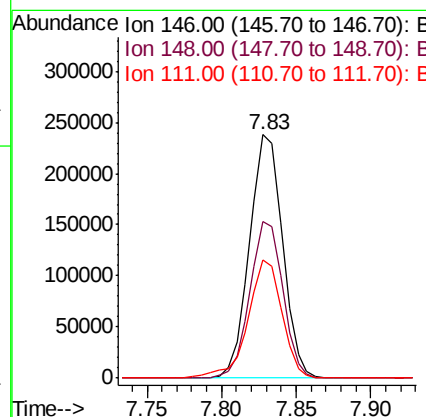
RT: 7.83 min Scan# 840

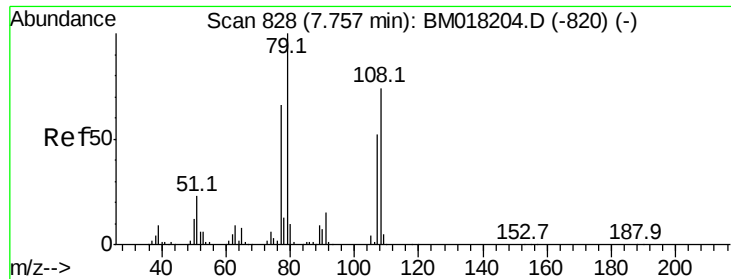
Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	146	Resp:	364469
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.3	76.9
111	48.3	35.8	53.8





#15

Benzyl Alcohol

Concen: 40.420 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

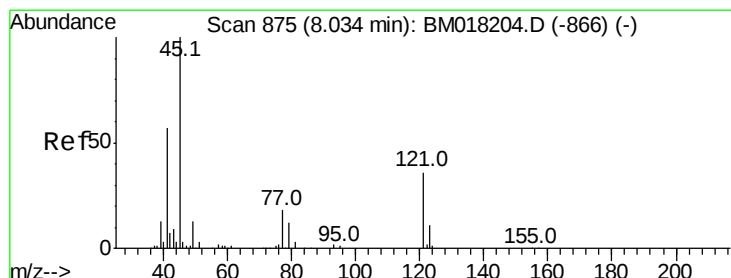
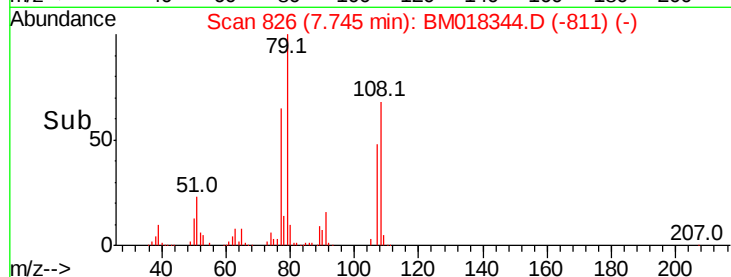
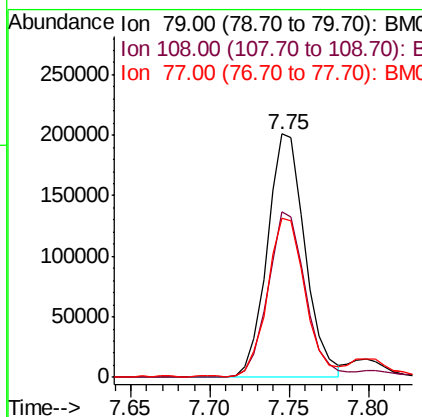
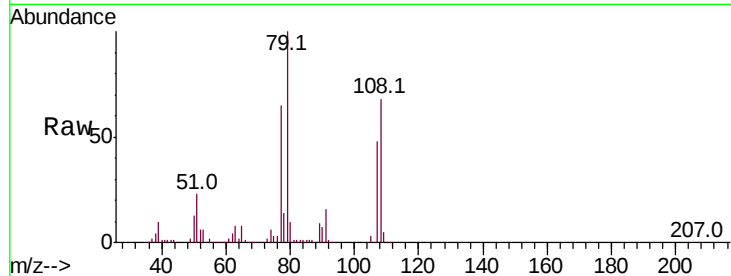
ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:	79	Resp:	330993
Ion Ratio	Lower	Upper	
79	100		
108	67.8	59.3	88.9
77	65.3	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.113 ng

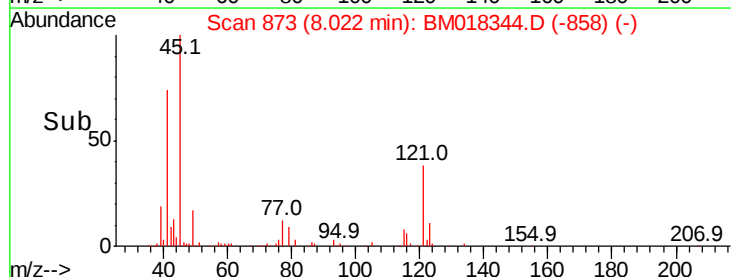
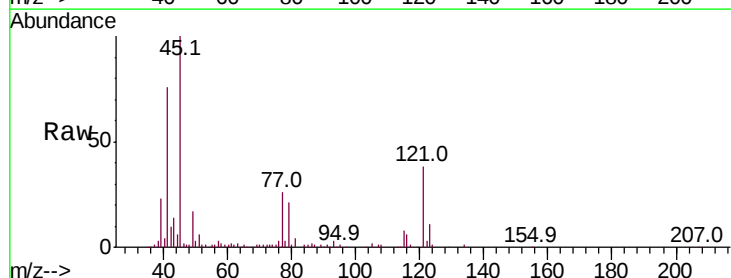
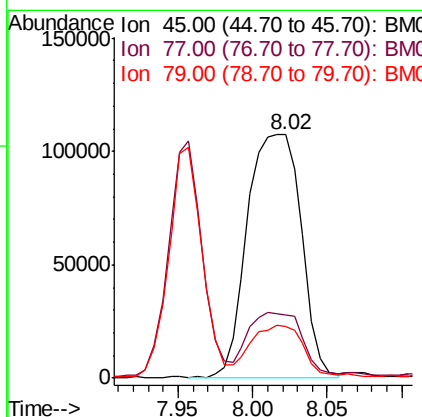
RT: 8.02 min Scan# 873

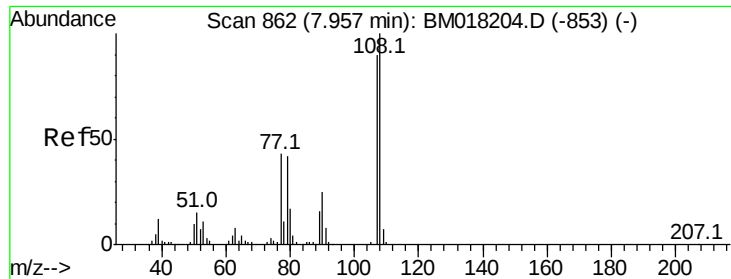
Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	45	Resp:	267283
Ion Ratio	Lower	Upper	
45	100		
77	25.8	2.5	42.5
79	21.2	0.0	37.2





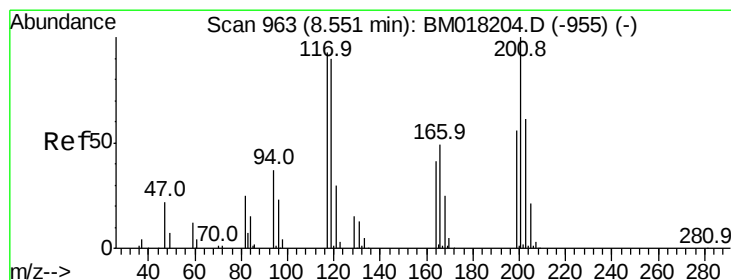
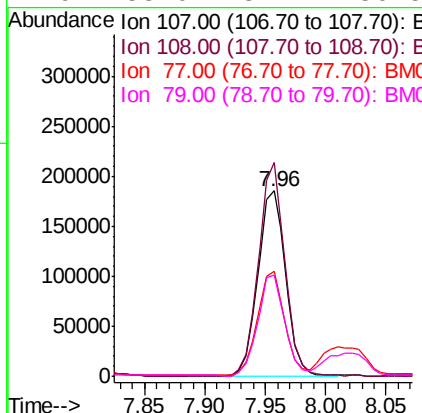
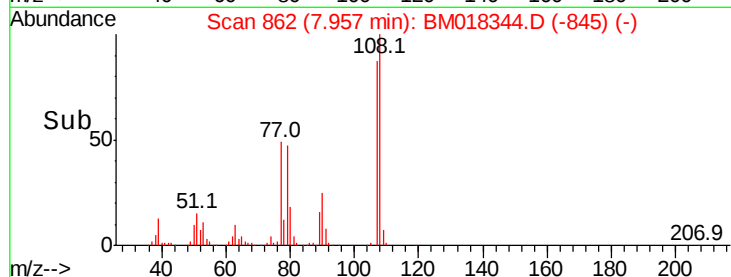
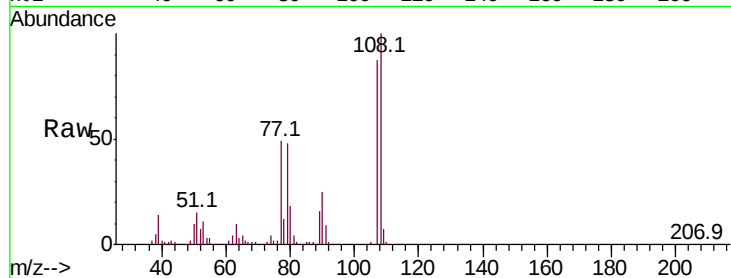
#17
2-Methylphenol
Concen: 41.971 ng
RT: 7.96 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	89.3	133.9	
77	56.5	38.2	57.4	
79	55.0	37.7	56.5	

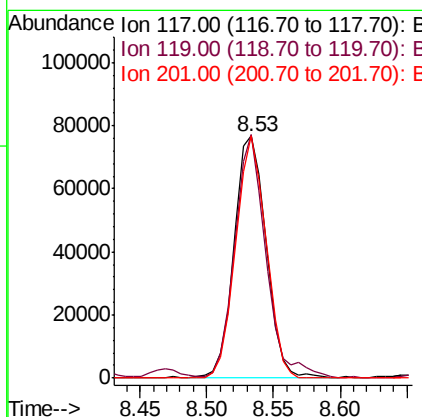
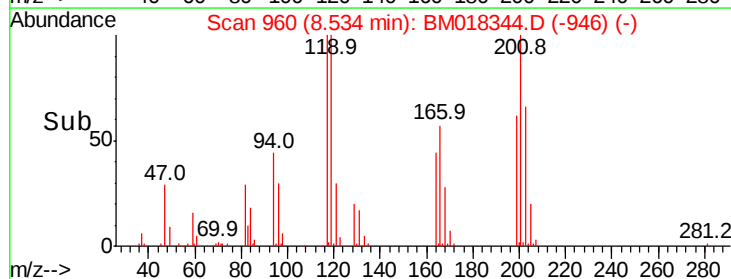
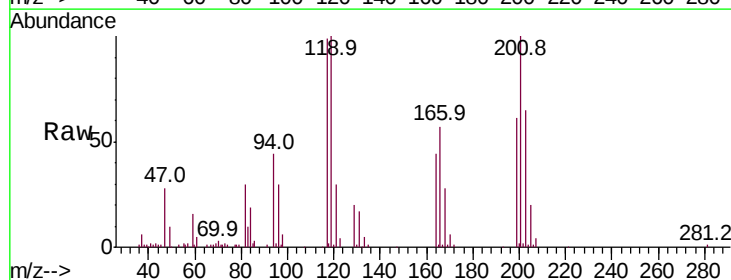
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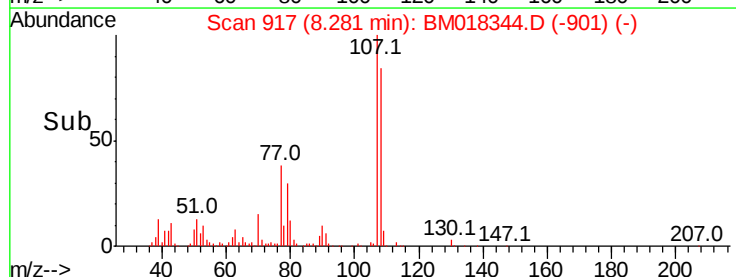
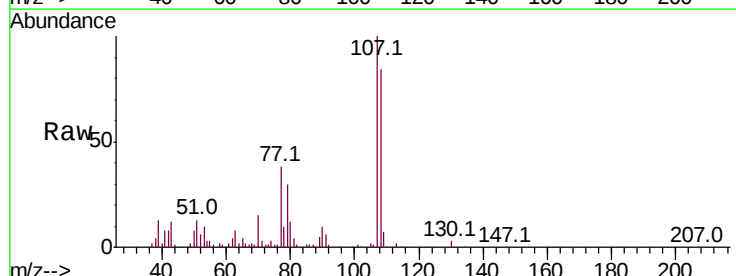
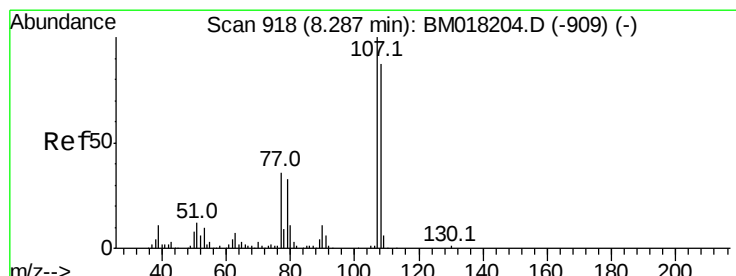
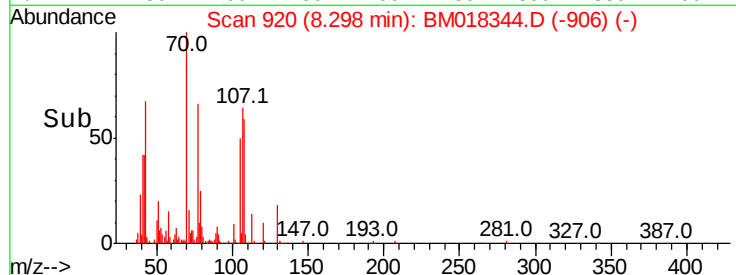
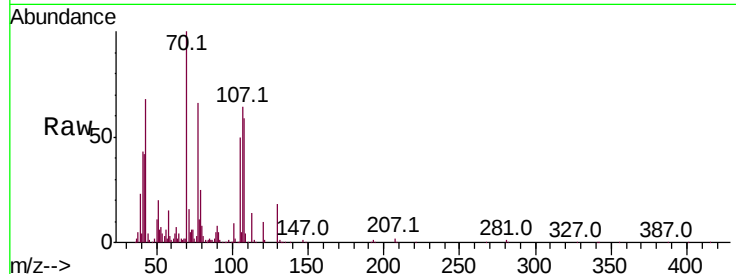
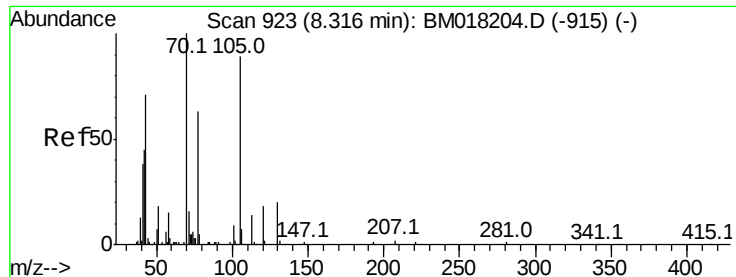
Sohil
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#18
Hexachloroethane
Concen: 36.060 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	77.0	115.4	
201	100.2	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 38.005 ng

RT: 8.30 min Scan# 920

Delta R.T. -0.02 min

Lab File: BM018344.D

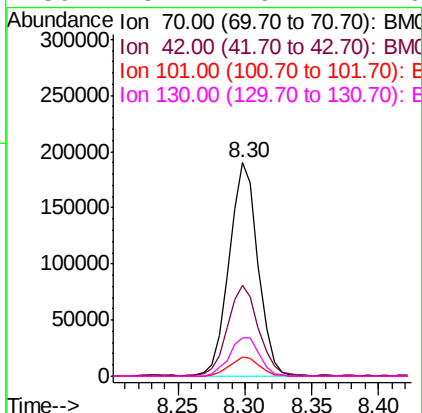
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.4	36.2	54.2
101	9.3	7.5	11.3
130	18.2	16.4	24.6

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#20

3+4-Methylphenols

Concen: 45.107 ng

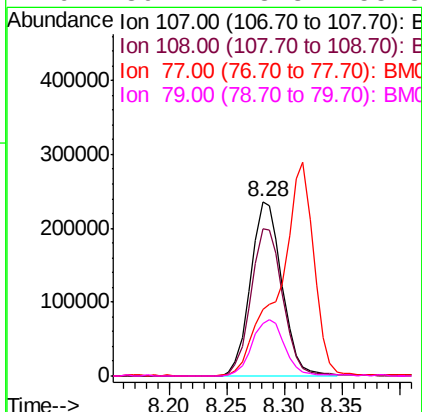
RT: 8.28 min Scan# 917

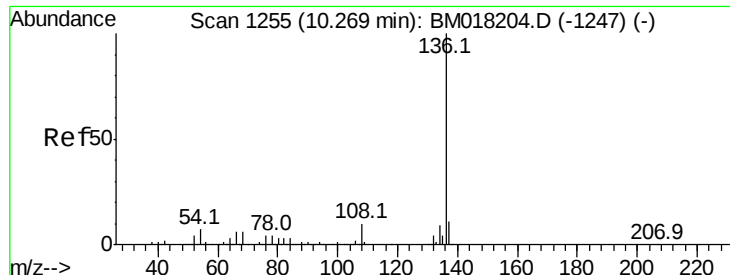
Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	67.4	107.4
77	38.1	15.7	55.7
79	30.4	13.3	53.3





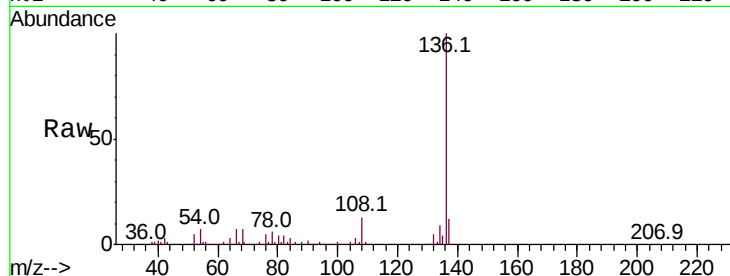
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

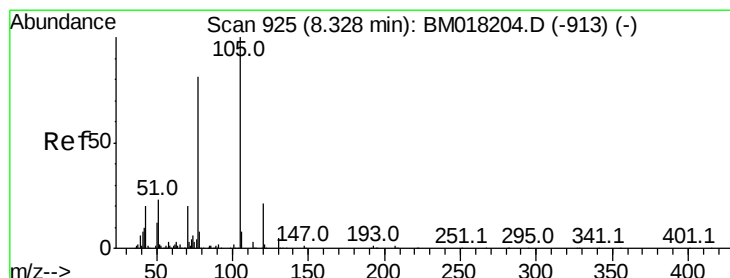
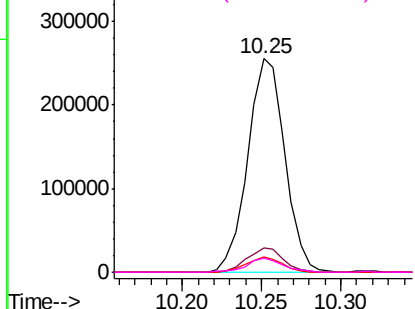
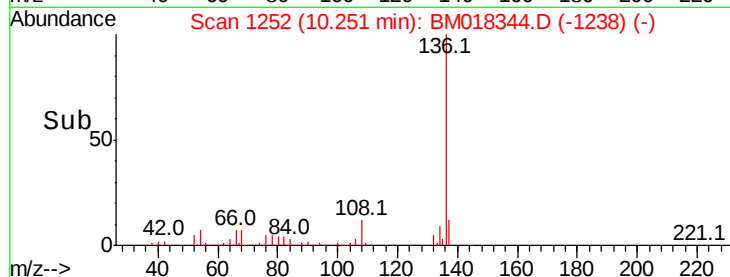
Tot Ion	Ratio	Resp	Lower	Upper
136	100	415508		
137	11.6		9.2	13.8
54	7.0		5.2	7.8
68	6.8		5.0	7.6

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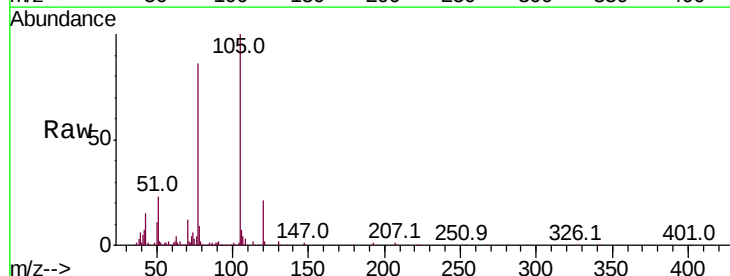


Abundance Ion 136.00 (135.70 to 136.70): E
400000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

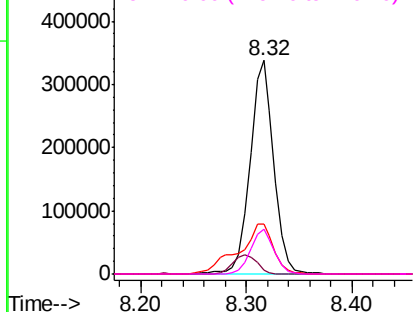
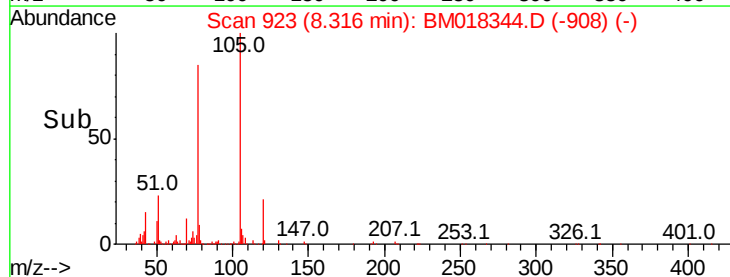


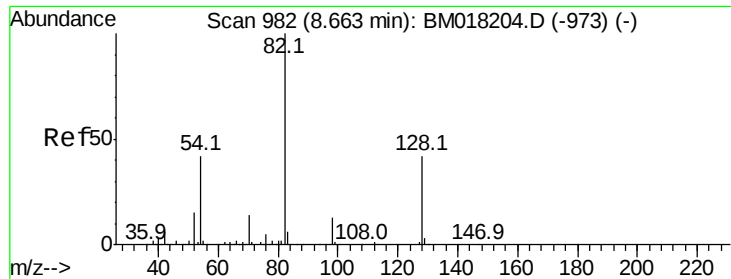
#22
Acetophenone
Concen: 47.860 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	526256		
71	2.1		2.6	4.0#
51	23.5		18.3	27.5
120	21.1		17.0	25.6



Abundance Ion 105.00 (104.70 to 105.70): E
500000
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





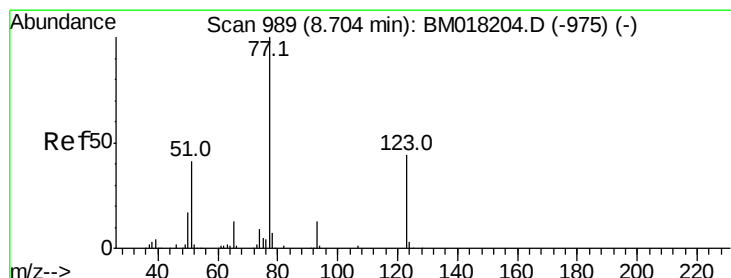
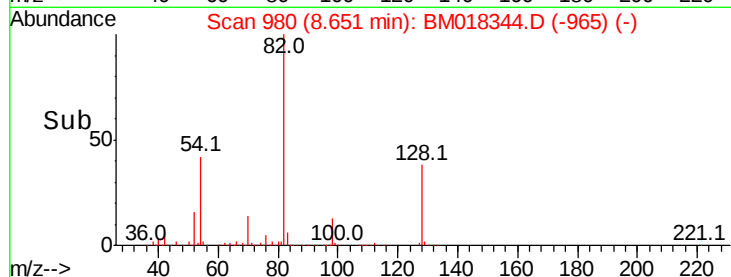
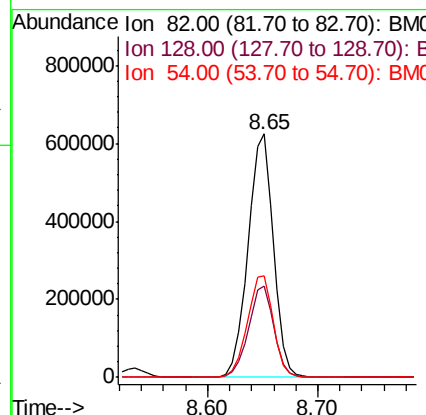
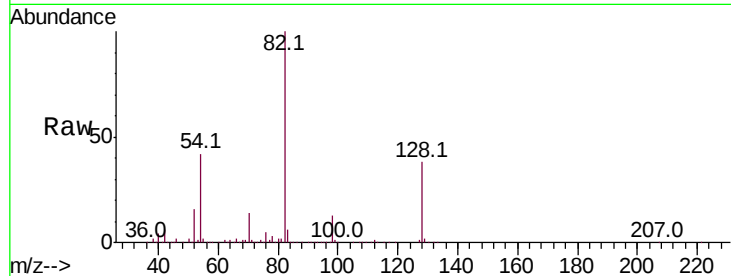
#23
Nitrobenzene-d5
Concen: 124.507 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion: 82 Resp: 1008579
Ion Ratio Lower Upper
82 100
128 37.6 33.4 50.2
54 41.8 33.4 50.2

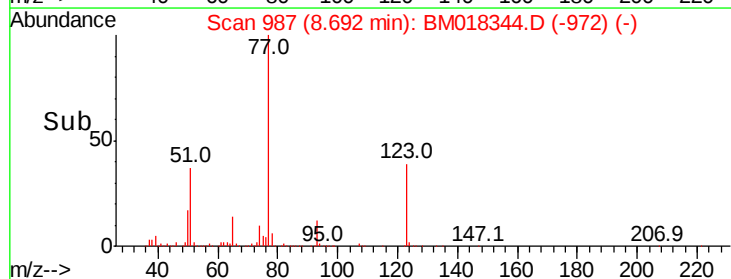
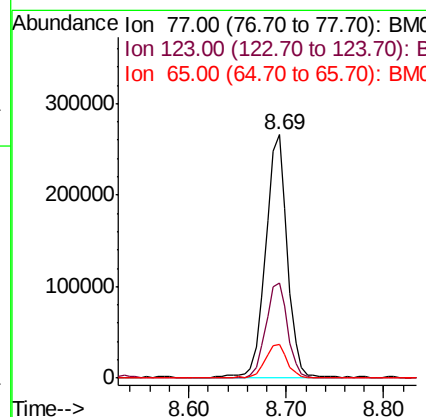
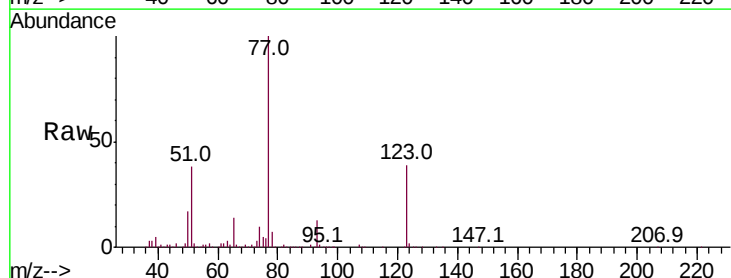
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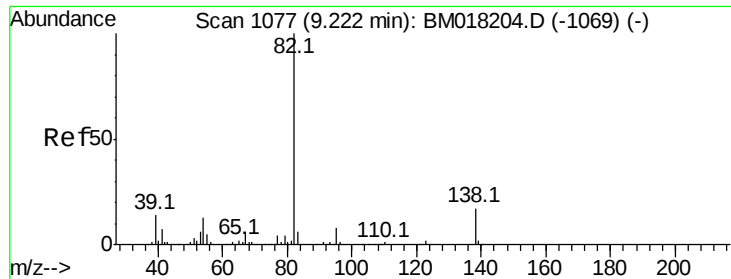
Sohil
12/21/2018 4:37:01 PM



#24
Nitrobenzene
Concen: 50.807 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion: 77 Resp: 411233
Ion Ratio Lower Upper
77 100
123 38.9 35.4 53.2
65 14.0 10.6 15.8





#25

Isophorone

Concen: 50.866 ng

RT: 9.21 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

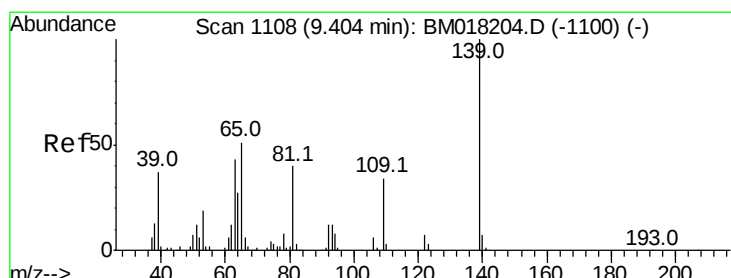
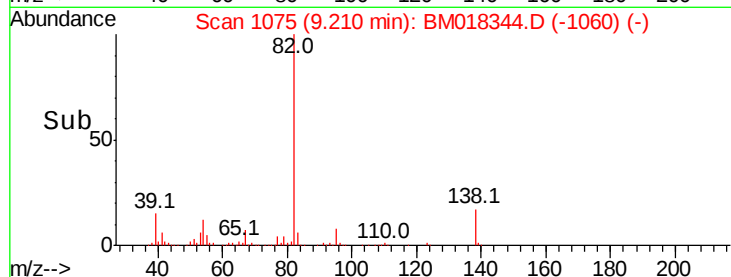
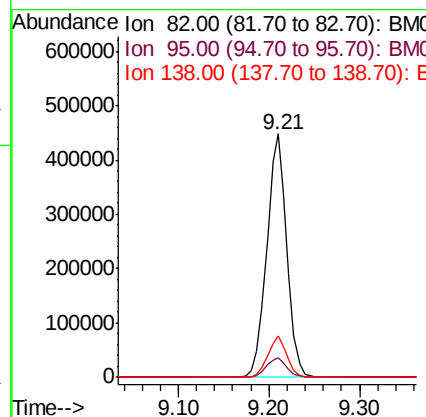
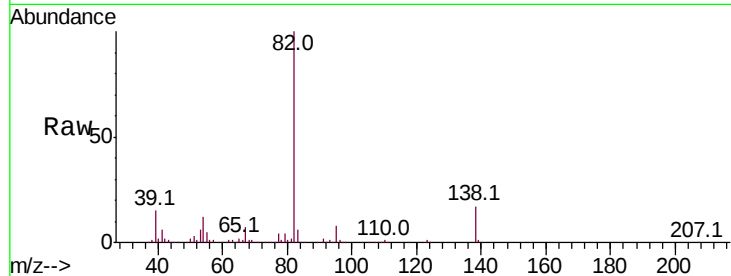
ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:	82	Resp:	686008
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.4	9.6
138	16.8	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.383 ng

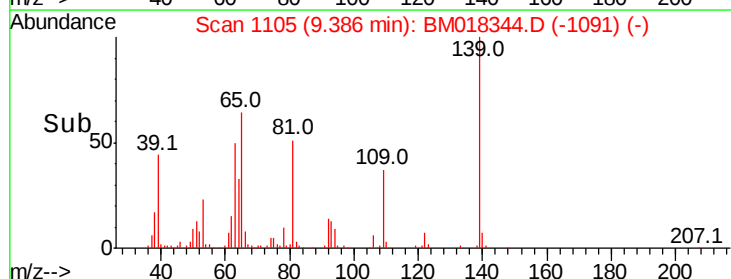
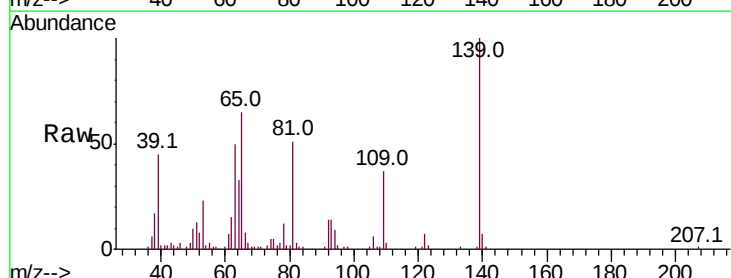
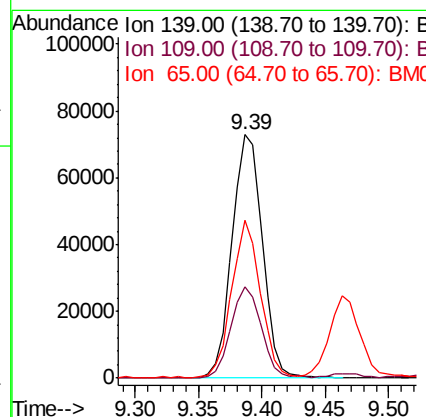
RT: 9.39 min Scan# 1105

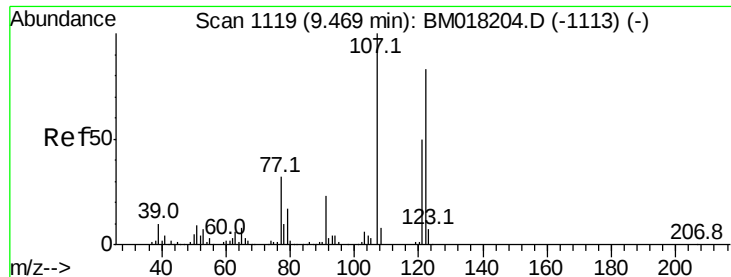
Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	139	Resp:	120618
Ion Ratio	Lower	Upper	
139	100		
109	37.3	27.4	41.0
65	64.9	41.0	61.4#





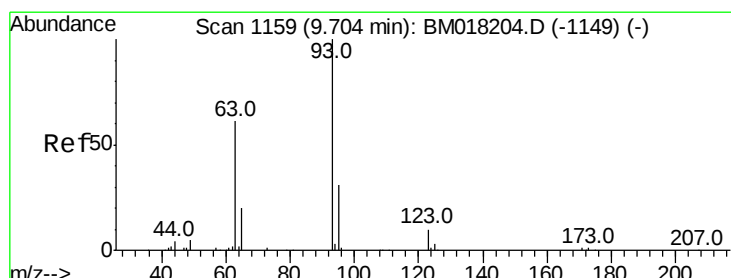
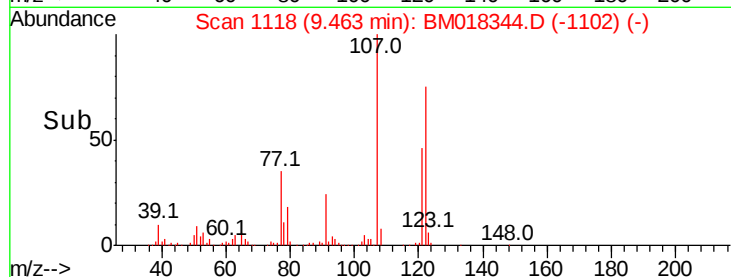
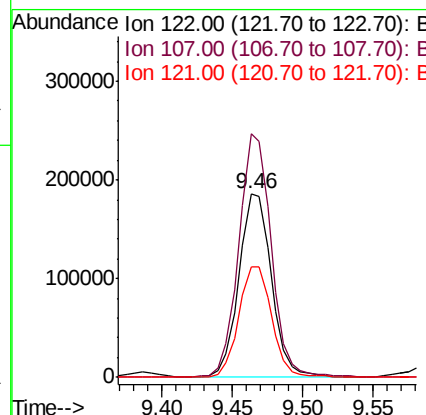
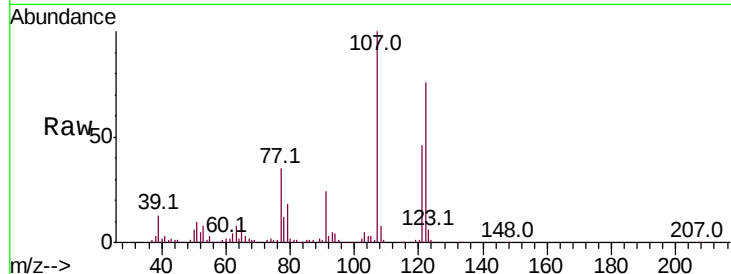
#27
 2,4-Dimethylphenol
 Concen: 52.715 ng
 RT: 9.46 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	132.4	96.5	144.7	
121	60.3	48.2	72.4	

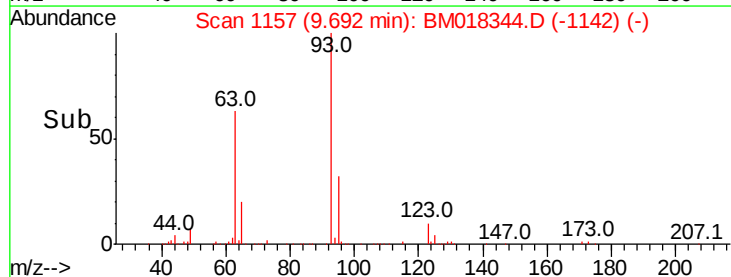
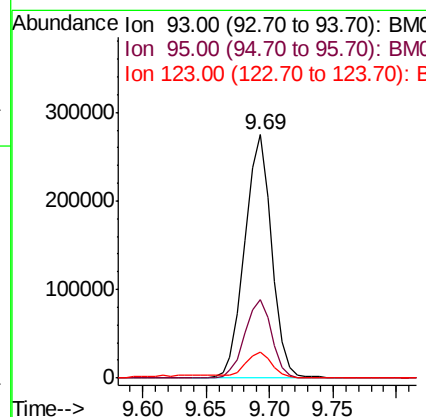
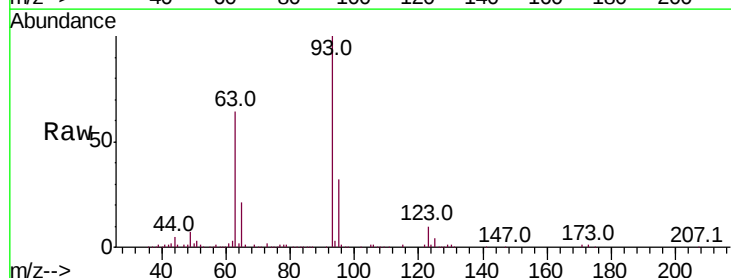
Manual Integrations
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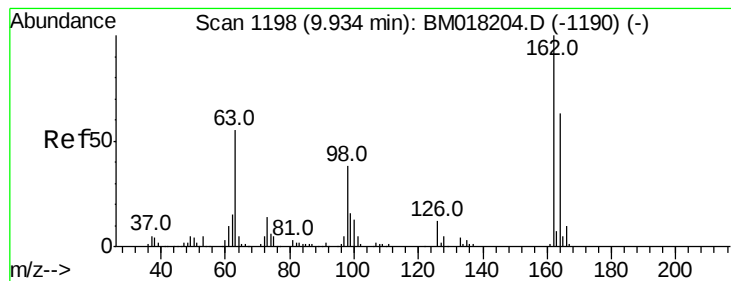
Sohil
 12/21/2018 4:37:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.172 ng
 RT: 9.69 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.5	25.3	37.9	
123	10.5	9.3	13.9	





#29

2,4-Dichlorophenol

Concen: 43.657 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

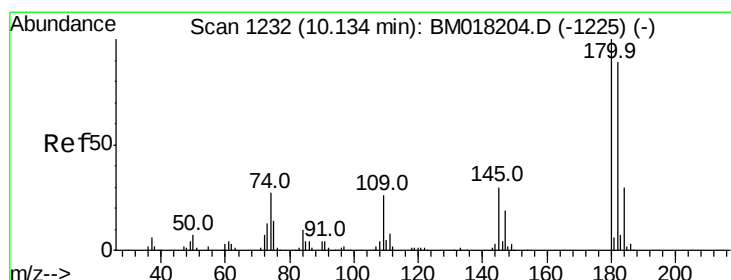
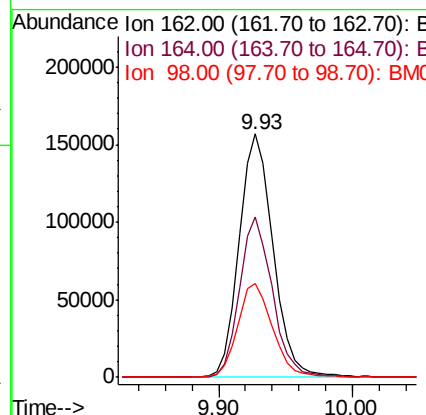
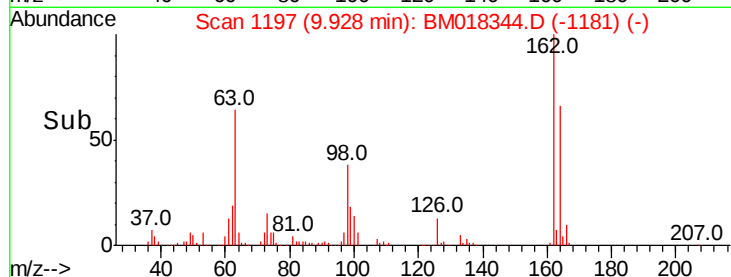
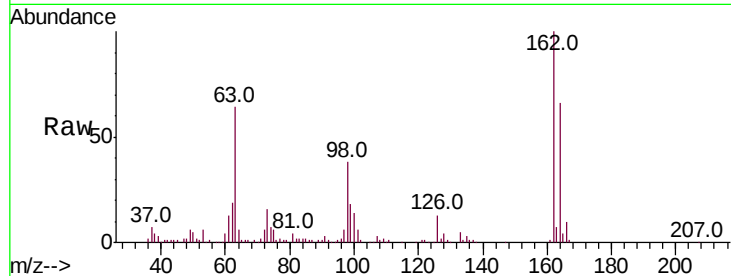
ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:	162	Resp:	276947
Ion Ratio	Lower	Upper	
162	100		
164	66.1	43.0	83.0
98	38.5	18.3	58.3

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#30

1,2,4-Trichlorobenzene

Concen: 64.984 ng

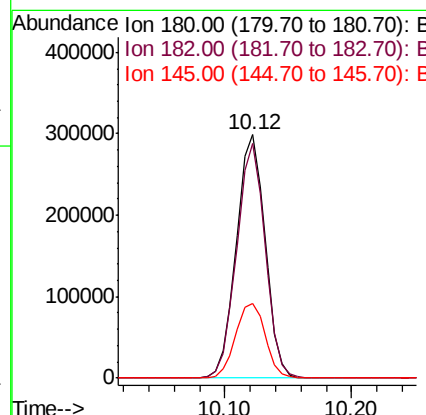
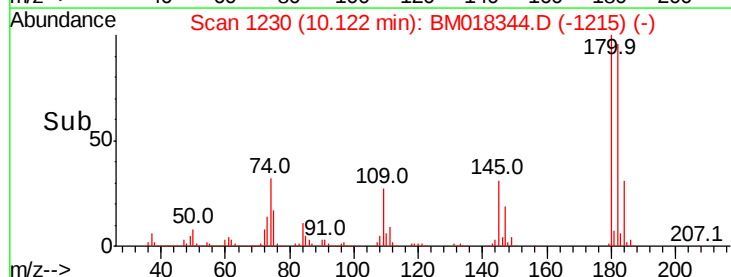
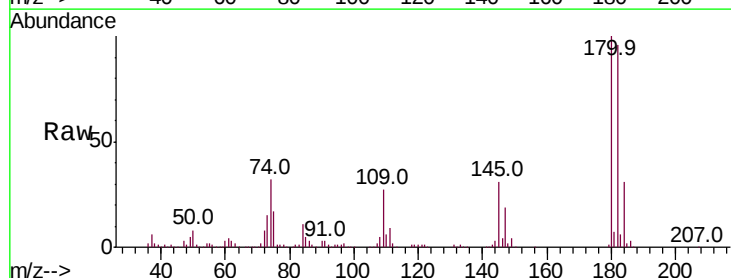
RT: 10.12 min Scan# 1230

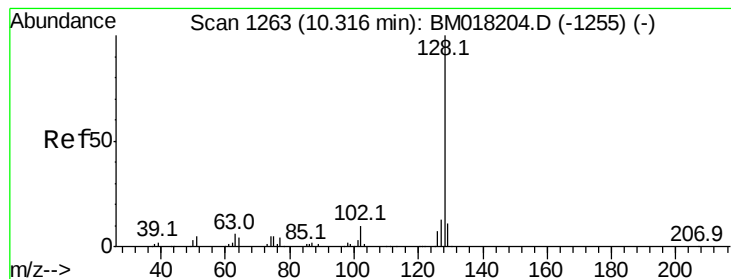
Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	180	Resp:	468904
Ion Ratio	Lower	Upper	
180	100		
182	96.4	71.4	107.2
145	30.7	24.4	36.6





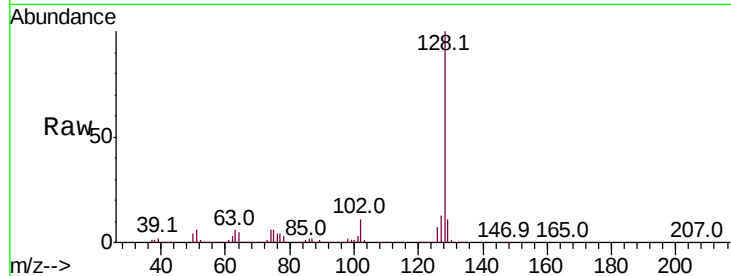
#31
Naphthalene
Concen: 47.580 ng
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	966702		
129	10.5		8.9	13.3
127	13.4		10.4	15.6

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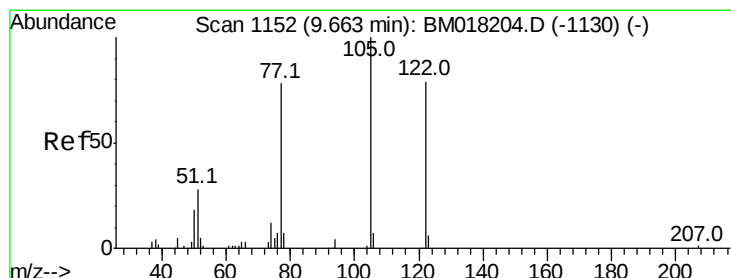
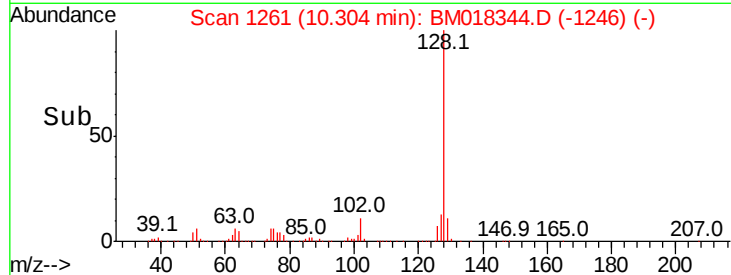
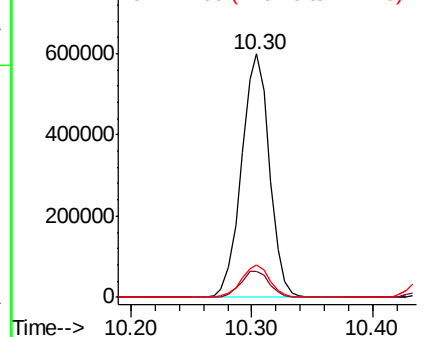


Abundance

Ion 128.00 (127.70 to 128.70): E

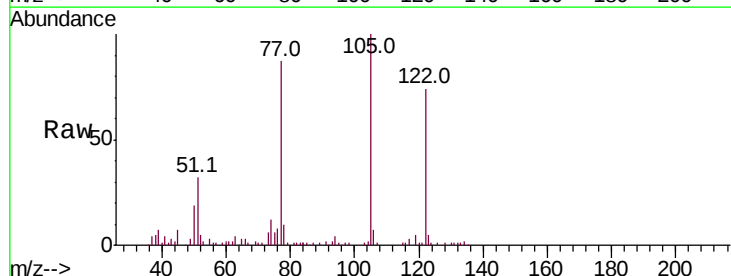
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.253 ng m
RT: 9.66 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	174739		
105	135.6		104.8	144.8
77	117.3		77.7	117.7

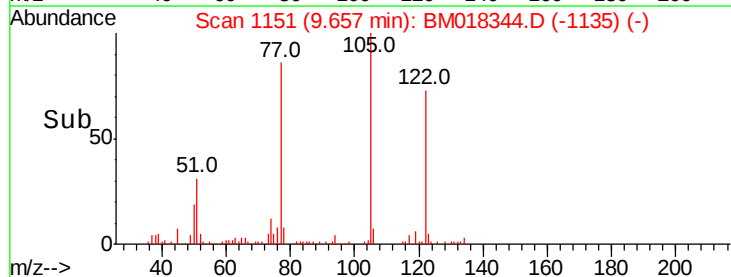
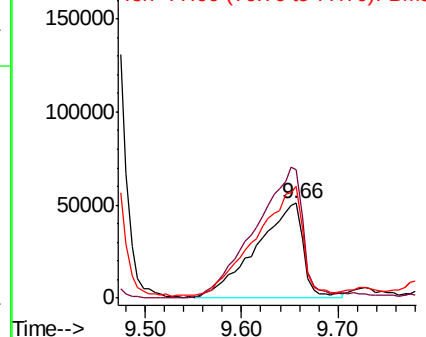


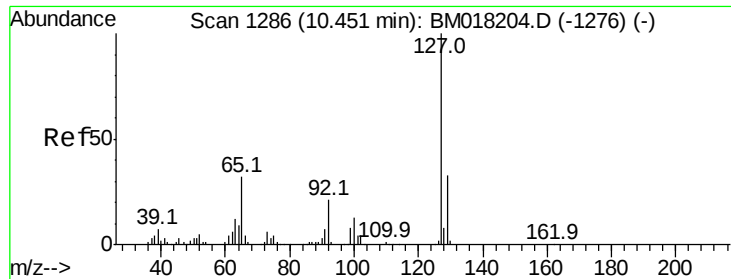
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





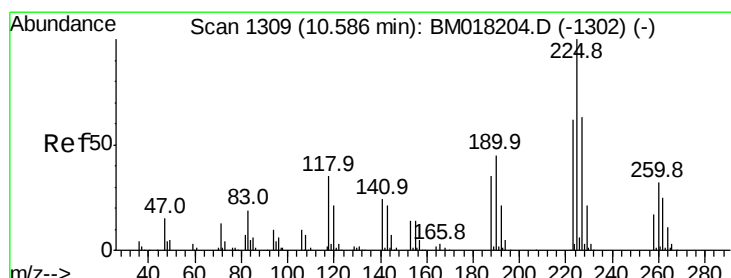
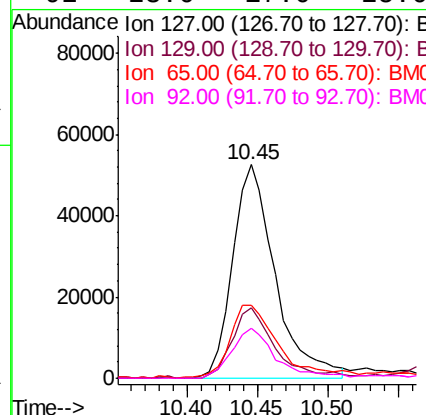
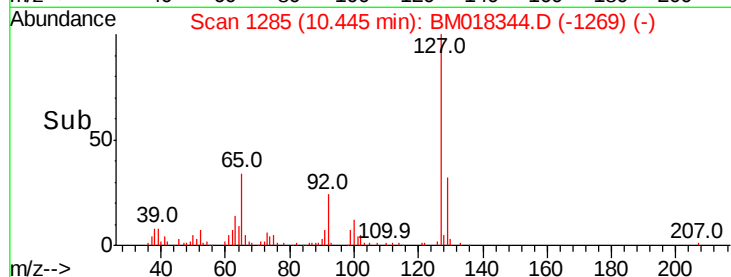
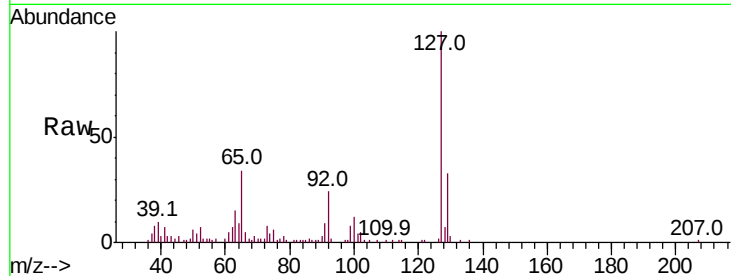
#33
4-Chloroaniline
Concen: 12.441 ng
RT: 10.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.4	39.6	
65	34.4	25.6	38.4	
92	23.6	17.0	25.6	

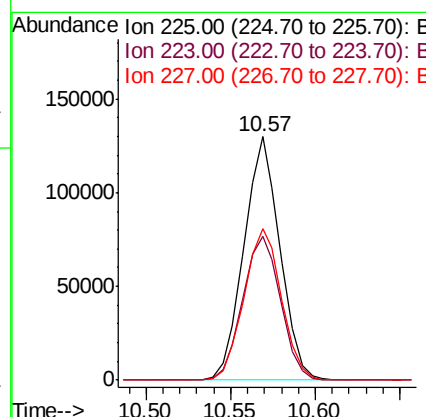
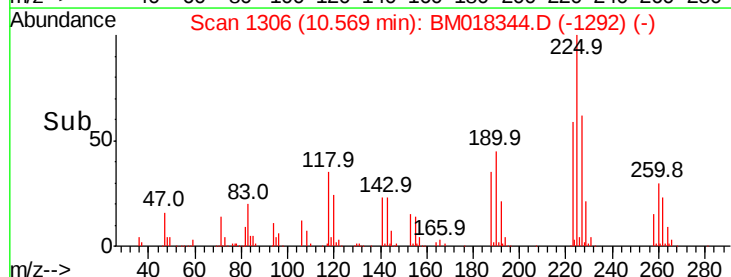
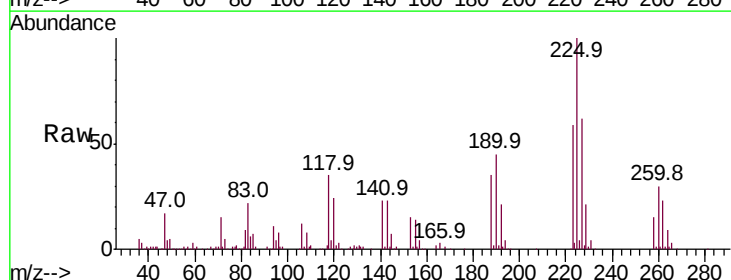
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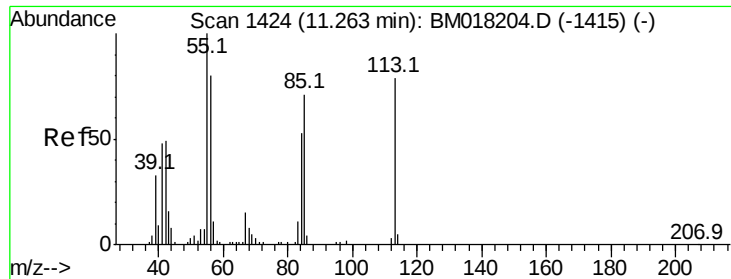
Sohil
12/21/2018 4:37:01 PM



#34
Hexachlorobutadiene
Concen: 42.035 ng
RT: 10.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.1	49.8	74.6	
227	62.4	50.2	75.4	





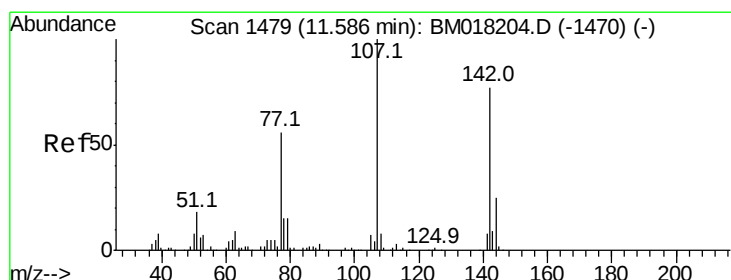
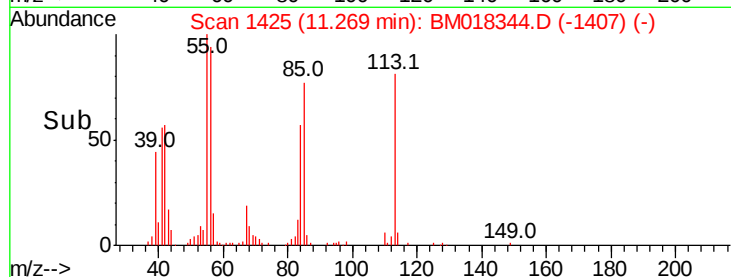
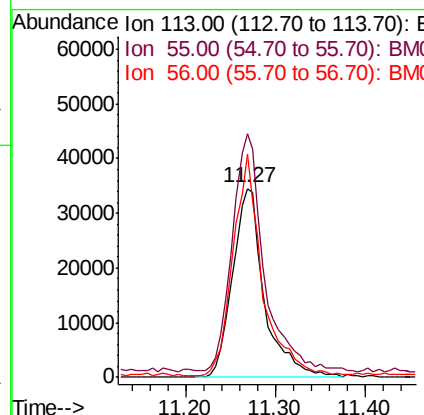
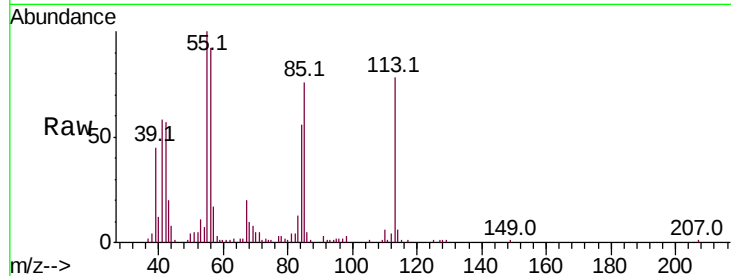
#35
Caprolactam
Concen: 34.875 ng/ml
RT: 11.27 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.0	105.9	145.9
56	118.2	80.1	120.1

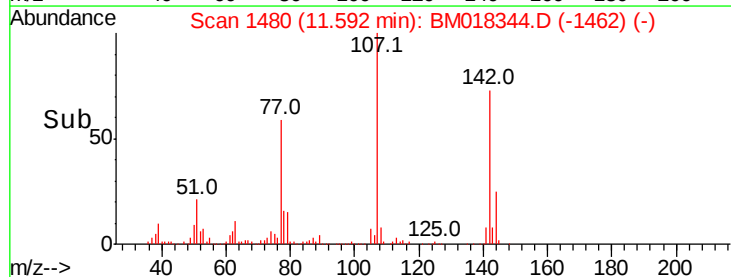
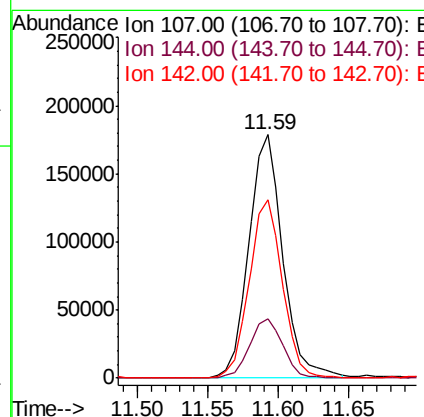
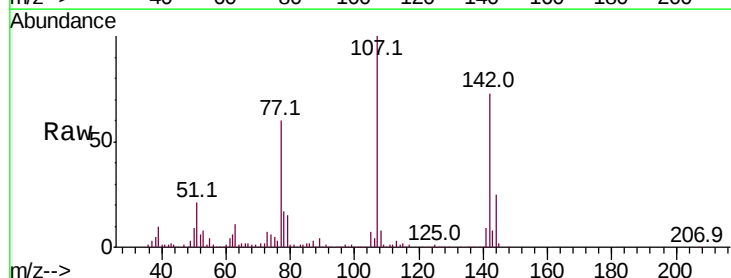
Manual Integrations
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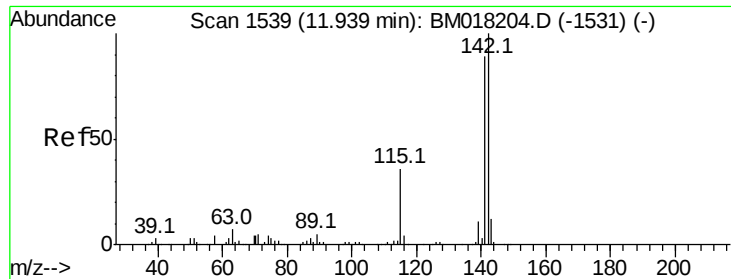
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 39.617 ng
RT: 11.59 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.1	30.1
142	73.2	61.7	92.5





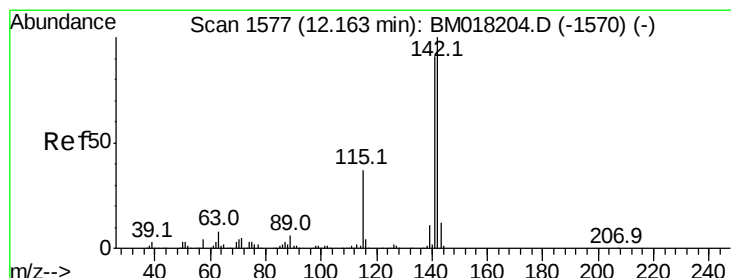
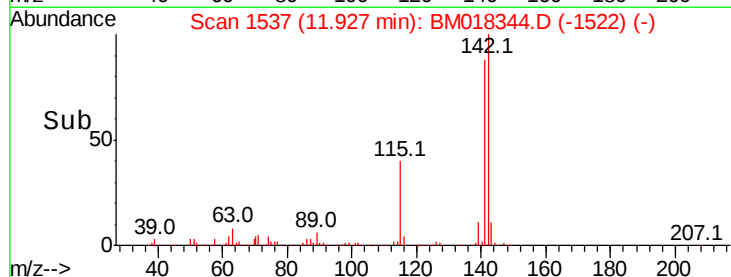
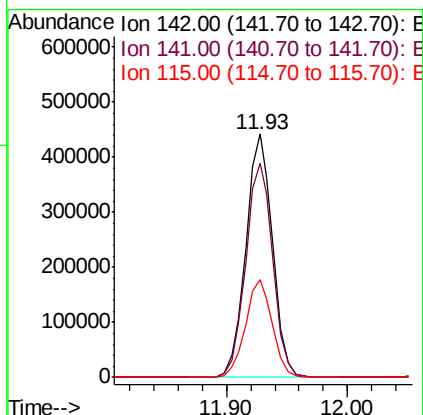
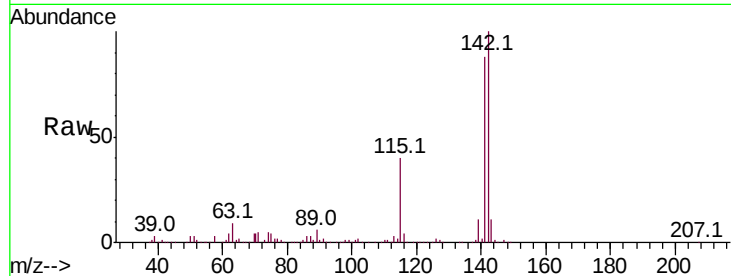
#37
2-Methylnaphthalene
Concen: 47.400 ng
RT: 11.93 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	40.1	29.0	43.6

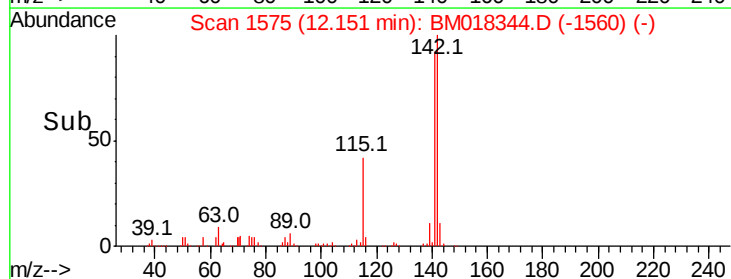
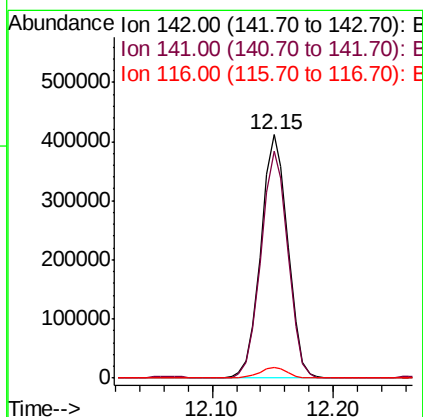
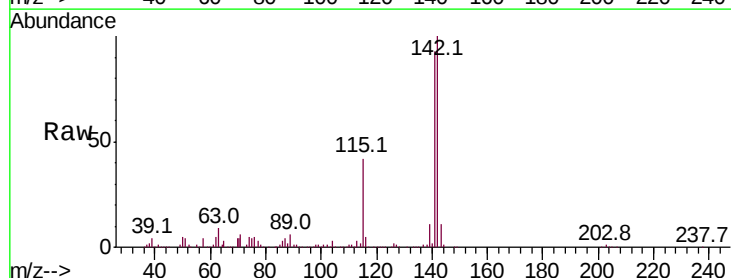
Manual Integrations
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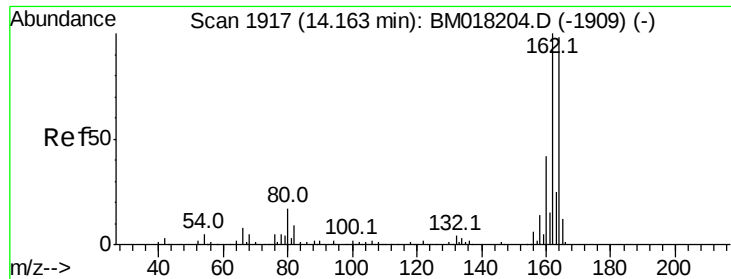
Sohil
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#38
1-Methylnaphthalene
Concen: 45.457 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.0	109.4
116	4.5	3.0	4.6





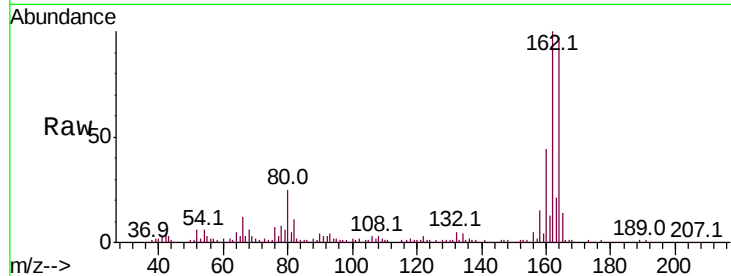
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.8	122.6
160	45.2	34.6	51.8

Manual Integrations
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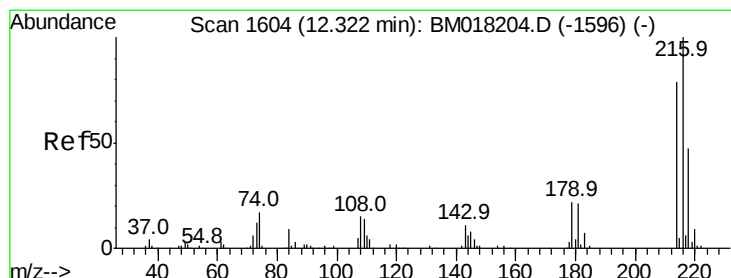
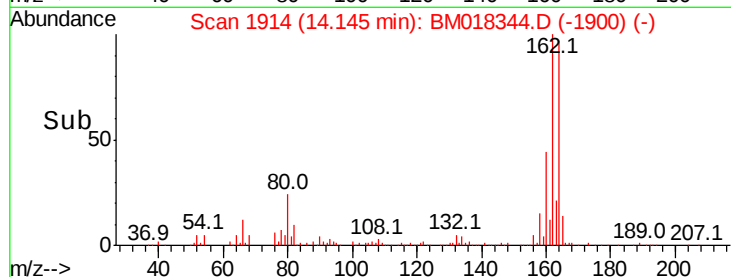
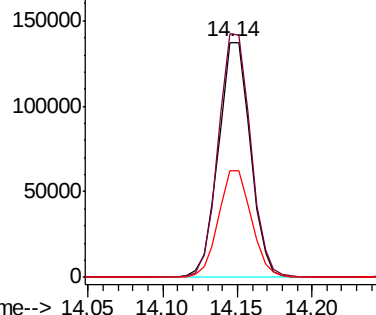


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.442 ng
RT: 12.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.4	95.0
179	21.5	17.2	25.8
108	19.3	14.6	21.8

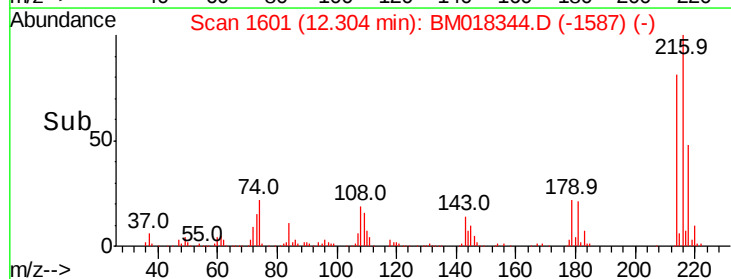
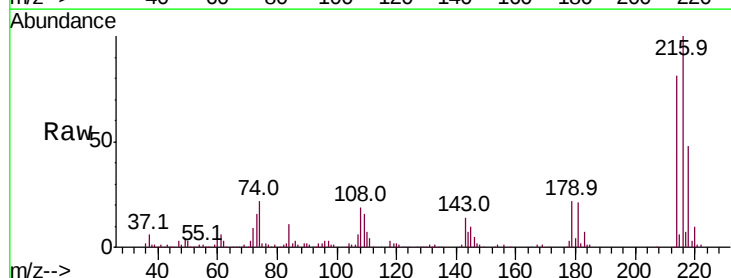
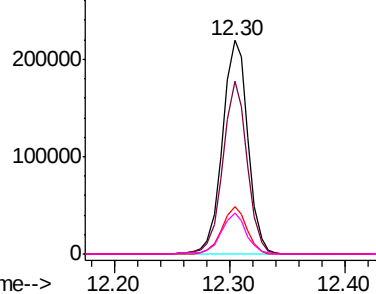
Abundance

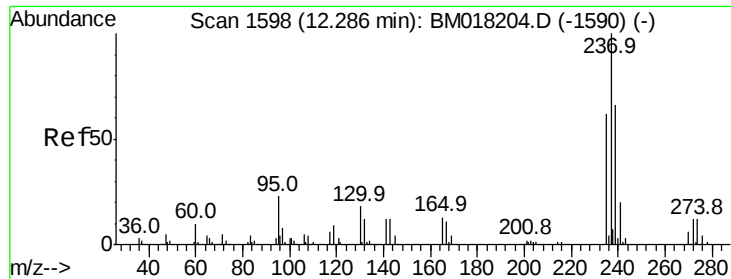
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 19.223 ng

RT: 12.27 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

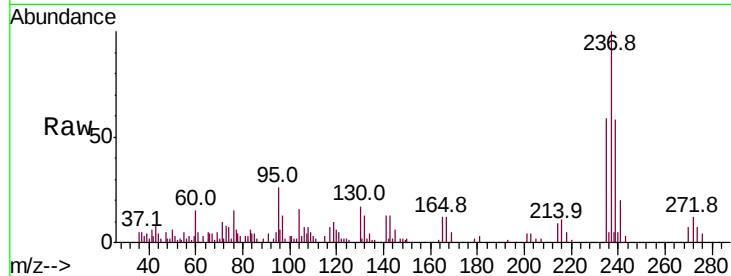
ClientSampleId :

P001-SS008-1218-01MS

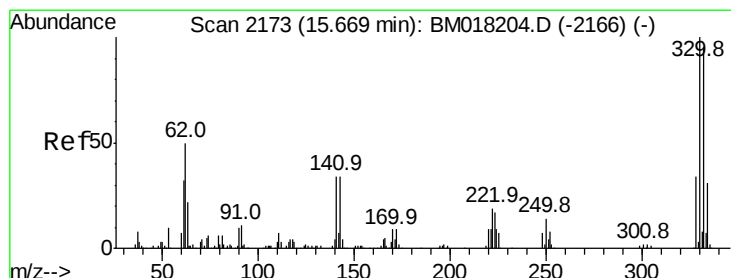
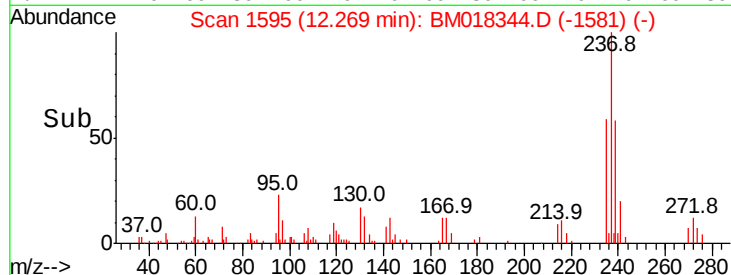
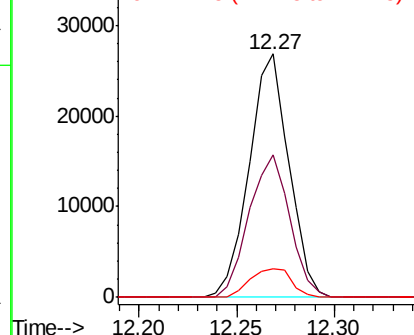
Tot Ion:	237	Resp:	37829
Ion Ratio	Lower	Upper	
237	100		
235	58.5	42.1	82.1
272	11.6	0.0	32.1

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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: 147.251 ng

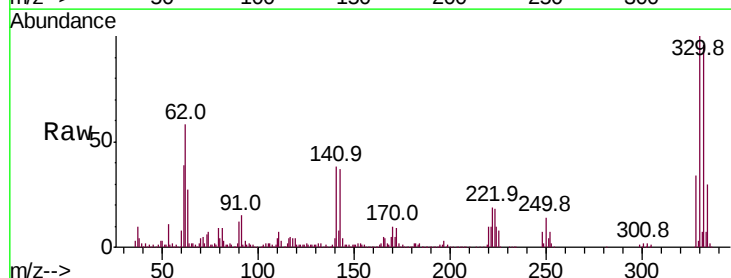
RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

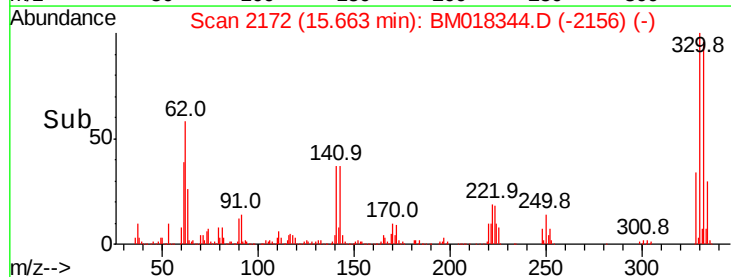
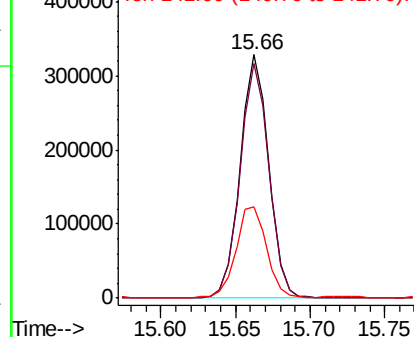
Lab File: BM018344.D

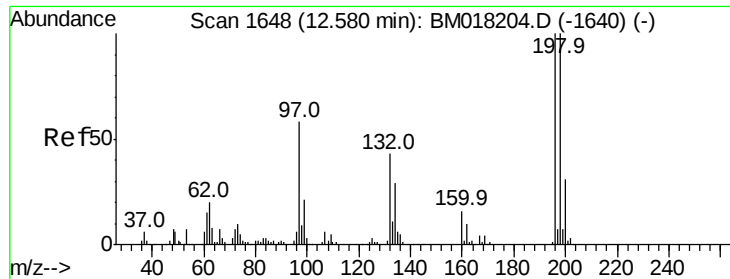
Acq: 20 Dec 2018 23:35

Tgt Ion:	330	Resp:	438354
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.6	118.0
141	39.7	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





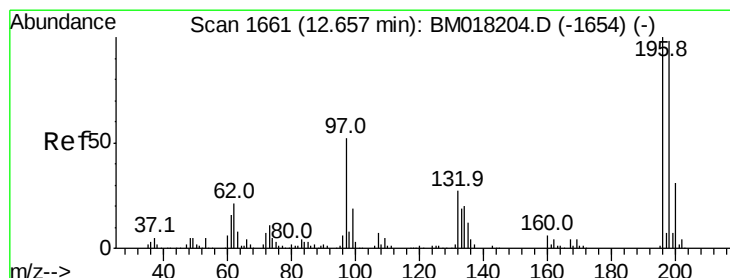
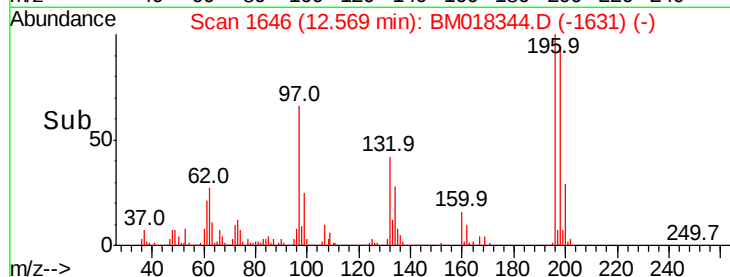
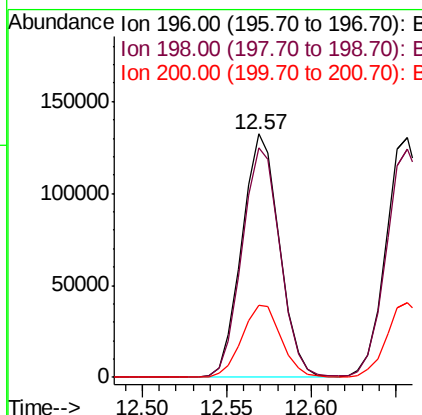
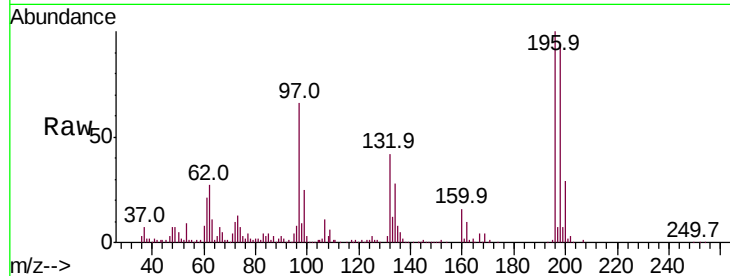
#43
 2,4,6-Trichlorophenol
 Concen: 45.824 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Tot Ion:	196	Resp:	205563
Ion Ratio	Lower	Upper	
196	100		
198	94.4	80.1	120.1
200	29.4	24.9	37.3

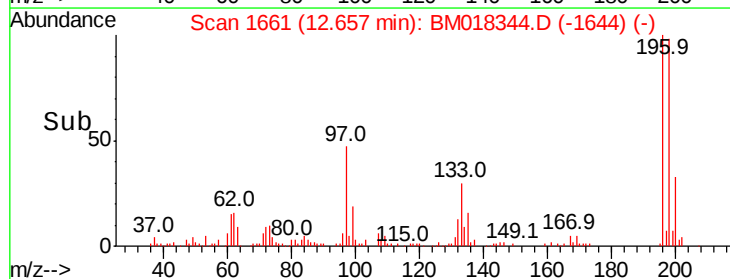
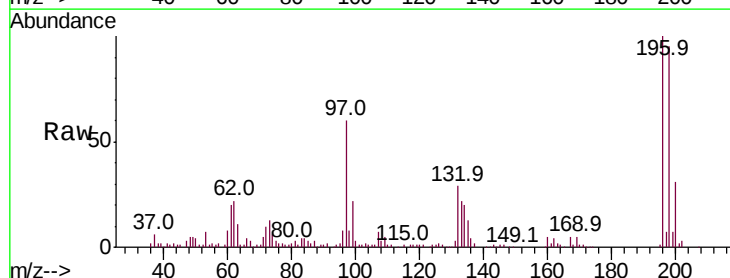
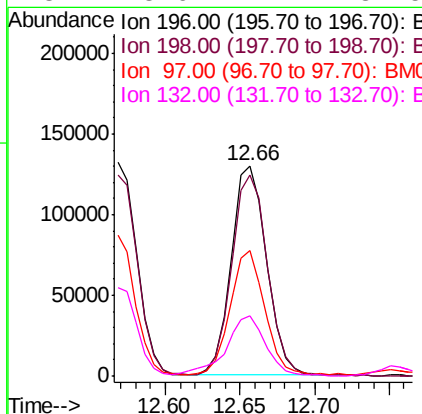
Manual Integrations
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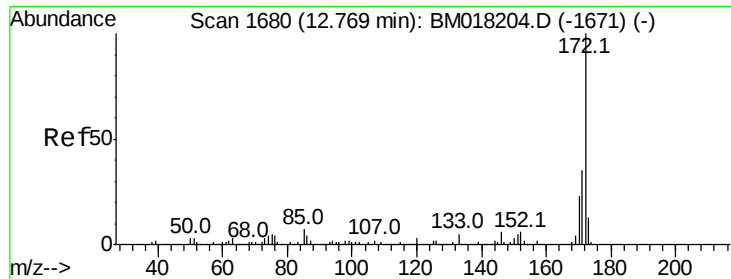
Sohil
 12/21/2018 4:37:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.027 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion:	196	Resp:	214437
Ion Ratio	Lower	Upper	
196	100		
198	95.5	78.5	117.7
97	59.6	41.9	62.9
132	28.6	21.7	32.5





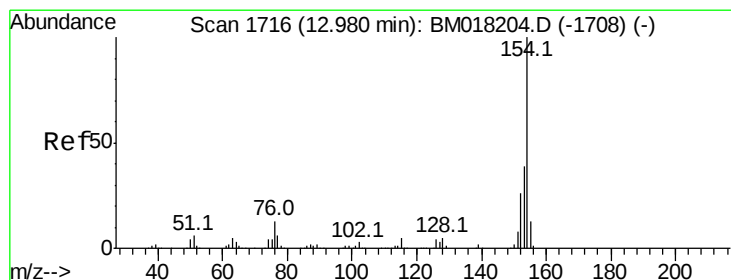
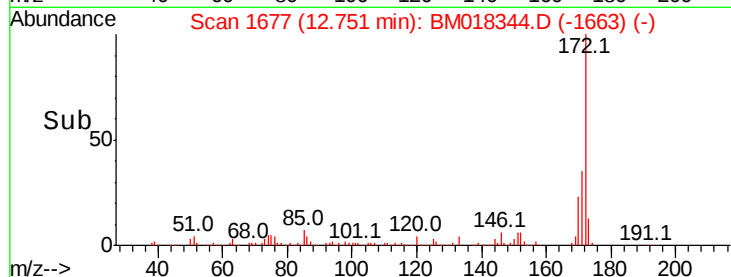
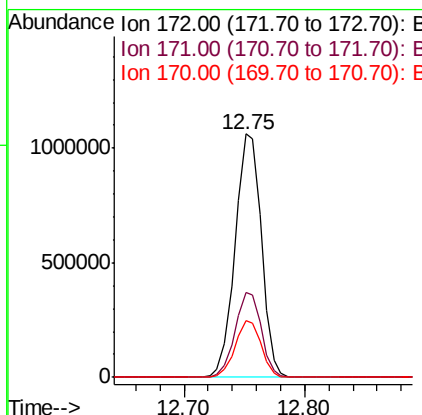
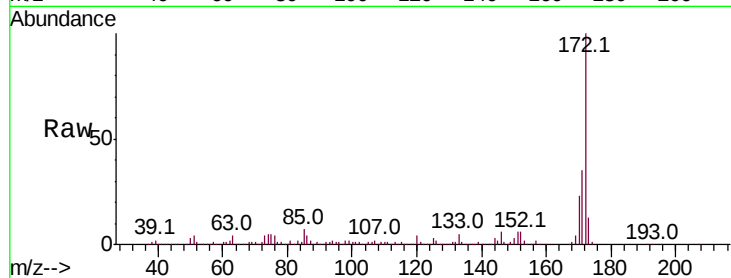
#45
2-Fluorobiphenyl
Concen: 103.030 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.2	18.1	27.1

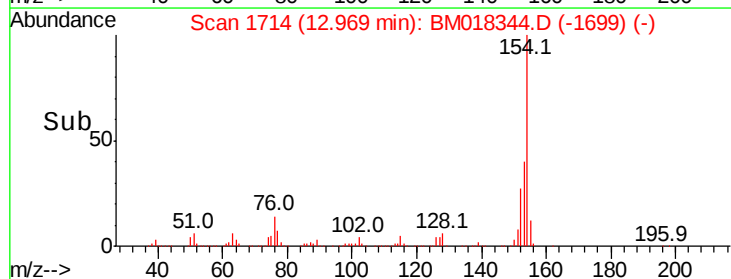
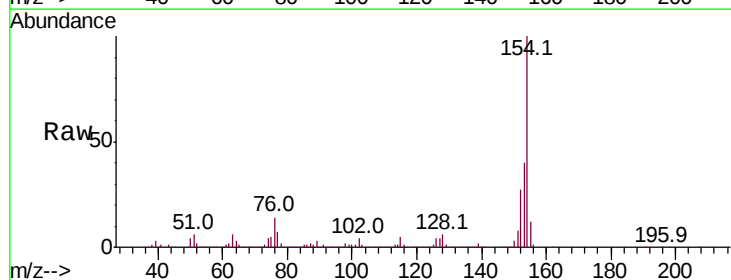
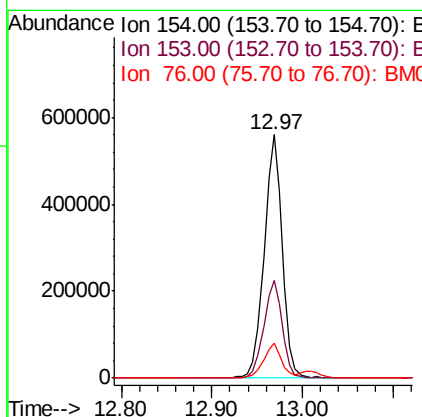
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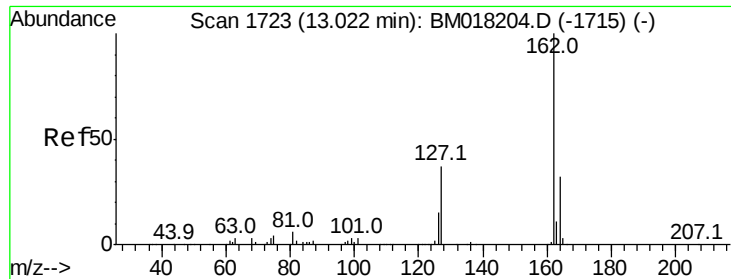
Sohil
12/21/2018 4:37:01 PM



#46
1,1'-Biphenyl
Concen: 42.894 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	14.2	0.0	33.1





#47

2-Chloronaphthalene

Concen: 42.606 ng

RT: 13.01 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

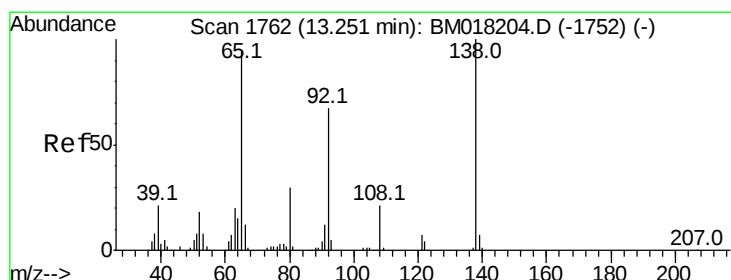
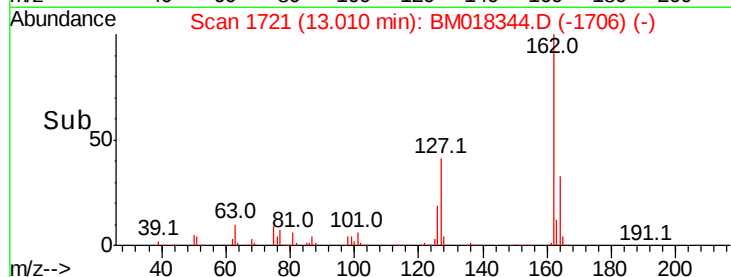
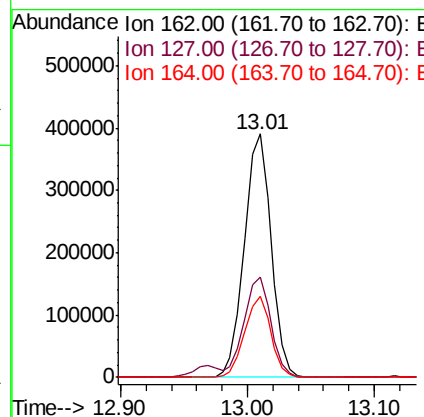
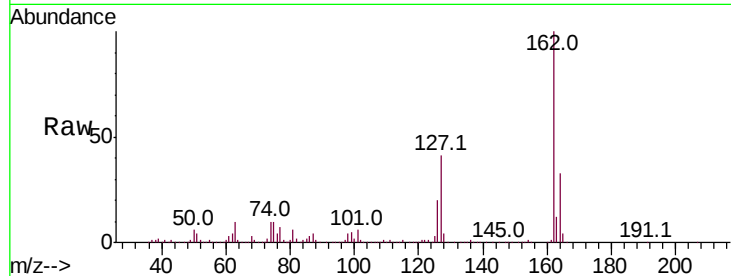
Instrument :
BNA_M

ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.8	47.8
164	33.5	25.9	38.9

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#48

2-Nitroaniline

Concen: 51.271 ng

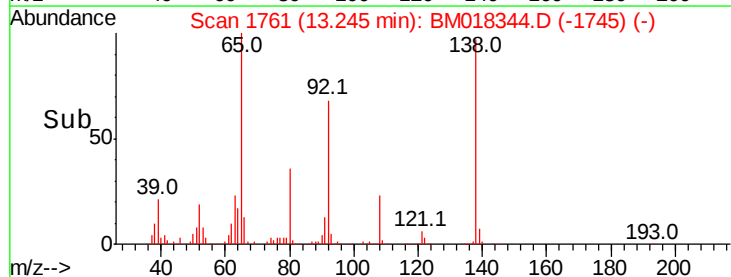
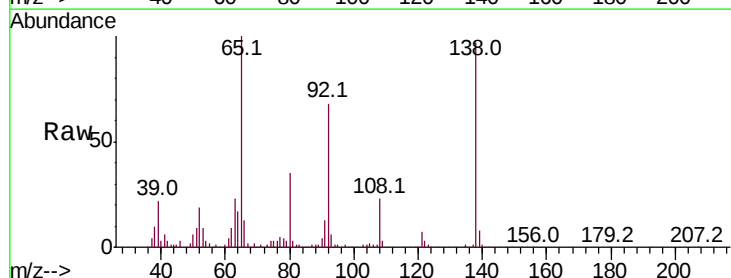
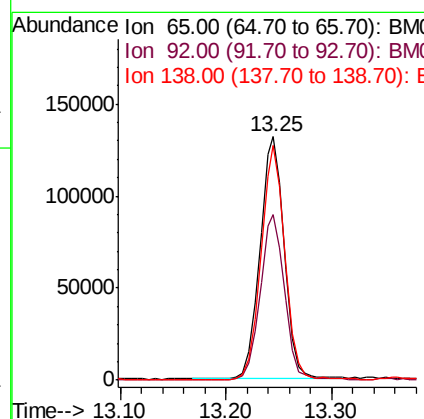
RT: 13.25 min Scan# 1761

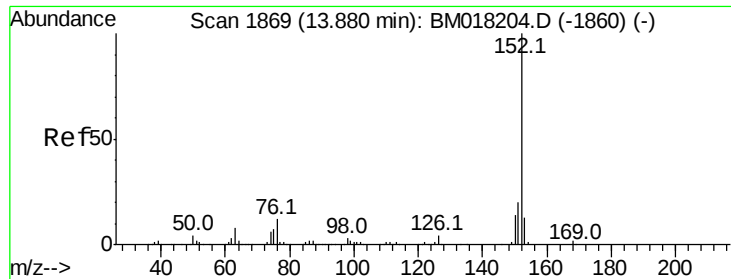
Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	56.8	85.2
138	96.6	85.1	127.7





#49

Acenaphthylene

Concen: 58.902 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:152 Resp: 1192105

Ion Ratio Lower Upper

152 100

151 19.2 16.0 24.0

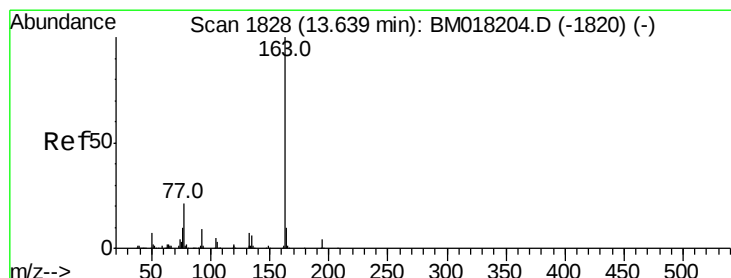
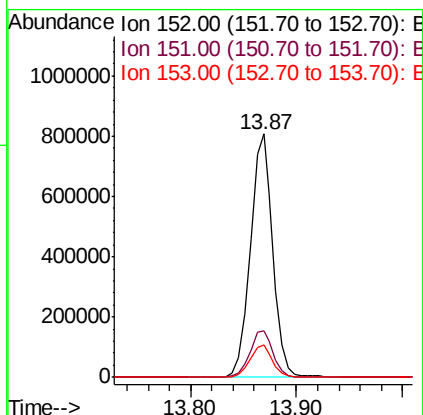
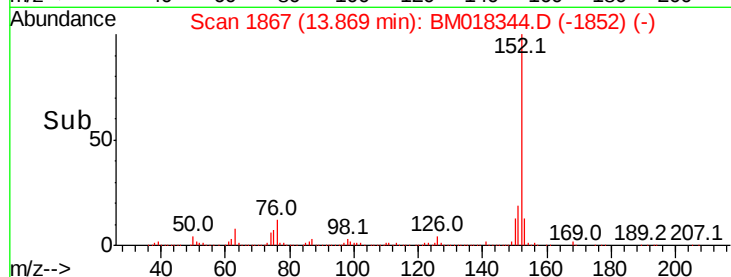
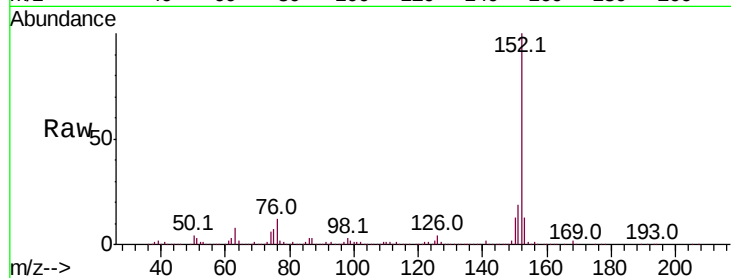
153 13.2 10.2 15.2

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#50

Dimethylphthalate

Concen: 47.585 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

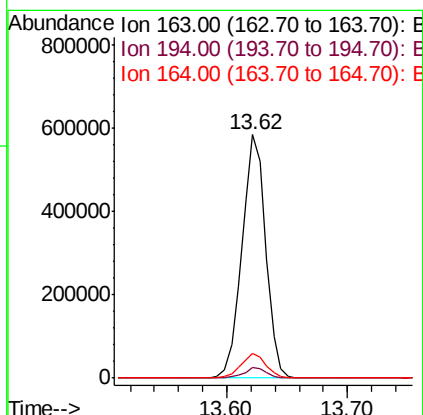
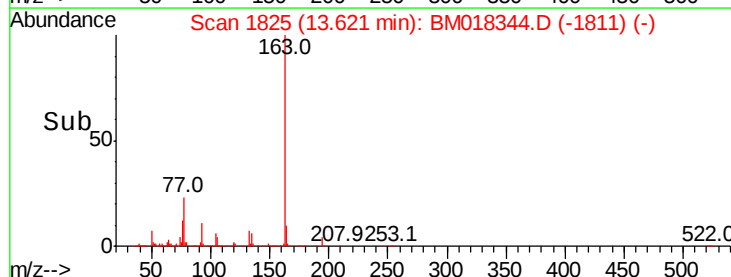
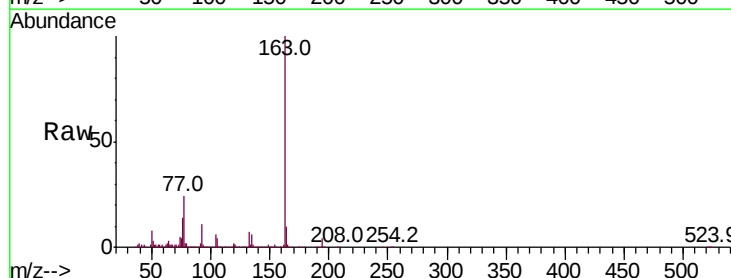
Tgt Ion:163 Resp: 802397

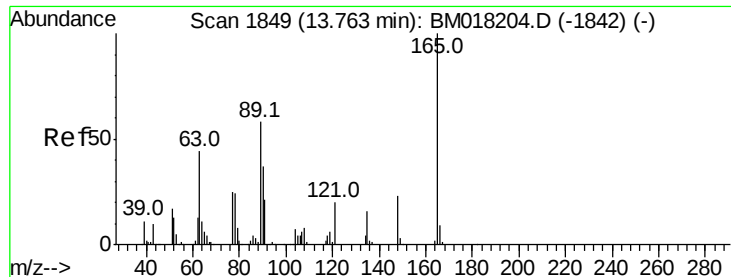
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.3 7.9 11.9





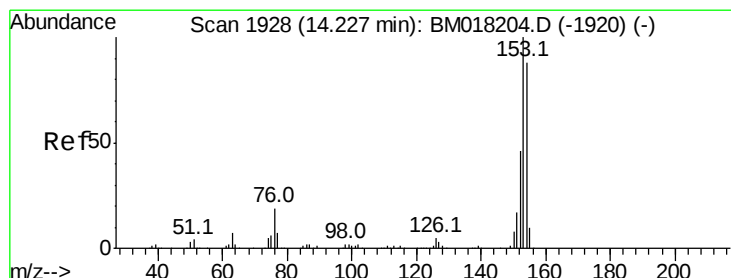
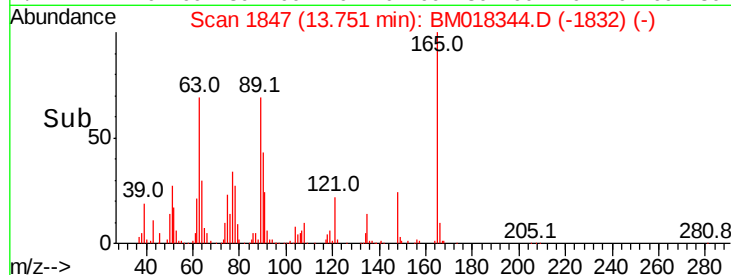
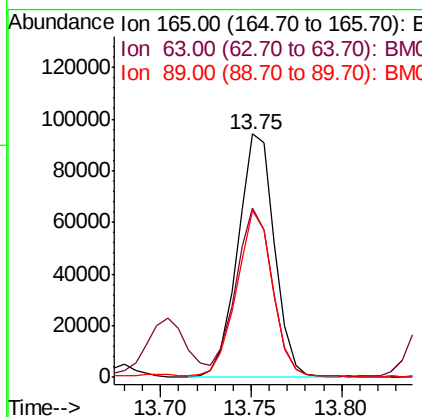
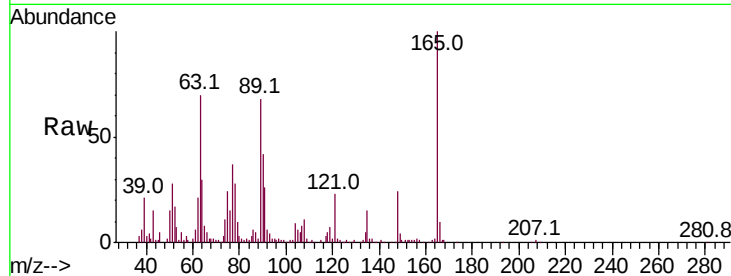
#51
2,6-Dinitrotoluene
Concen: 35.749 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	132517		
63	69.5	46.6	69.8	
89	68.4	46.3	69.5	

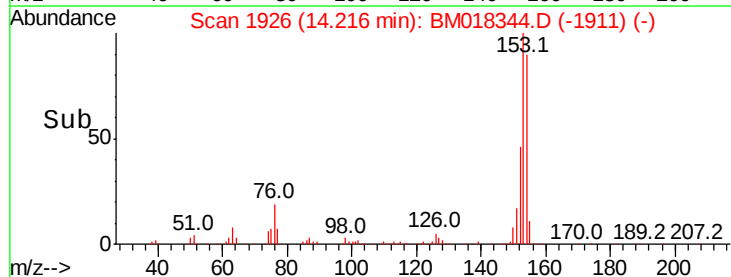
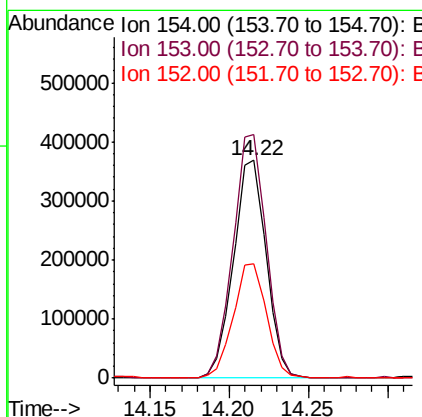
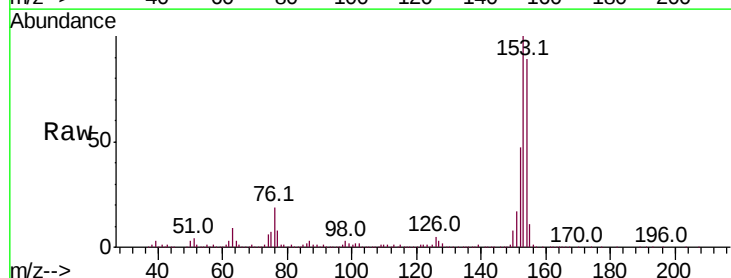
Manual Integrations
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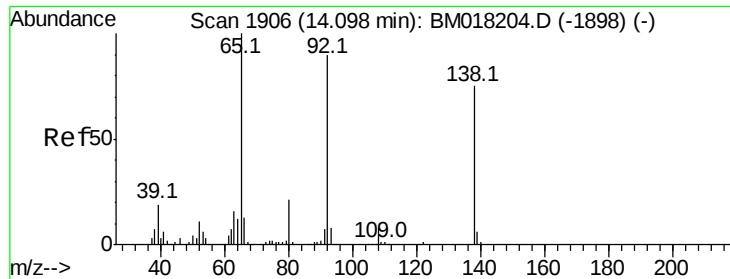
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#52
Acenaphthene
Concen: 42.776 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	529079		
153	111.9	90.4	135.6	
152	52.6	41.2	61.8	





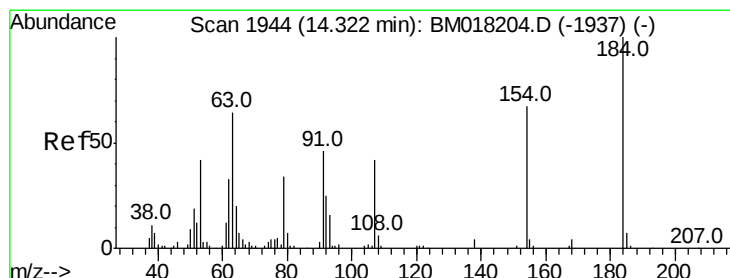
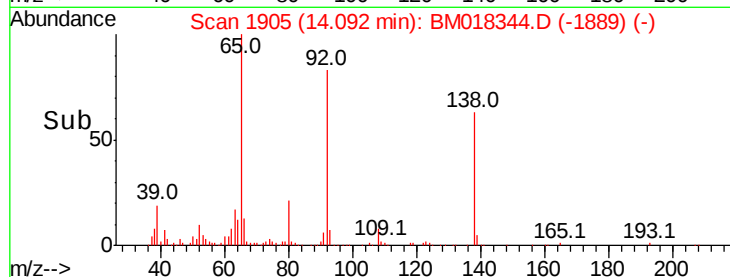
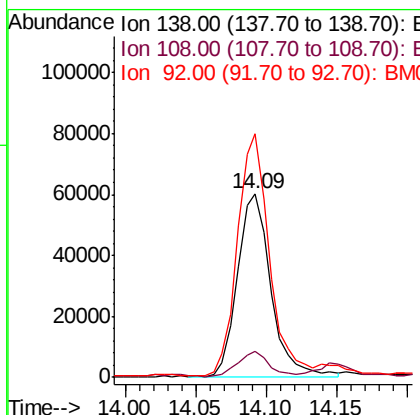
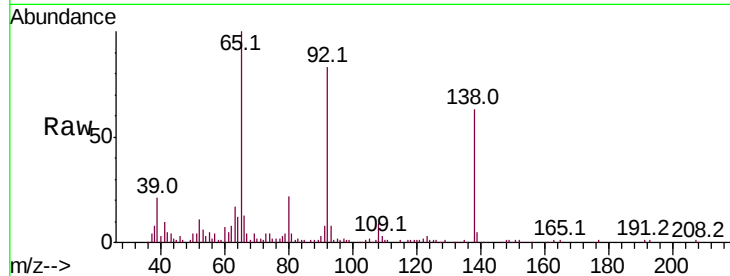
#53
3-Nitroaniline
Concen: 25.848 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.2	8.4	12.6#
92	132.3	94.9	142.3

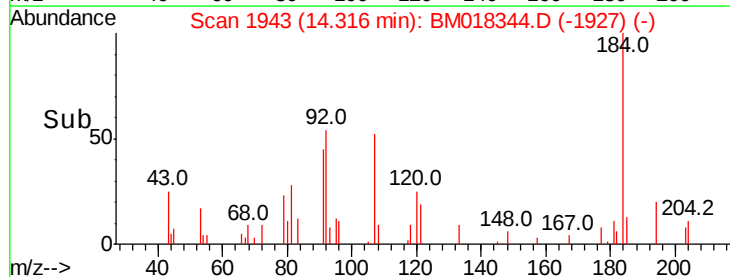
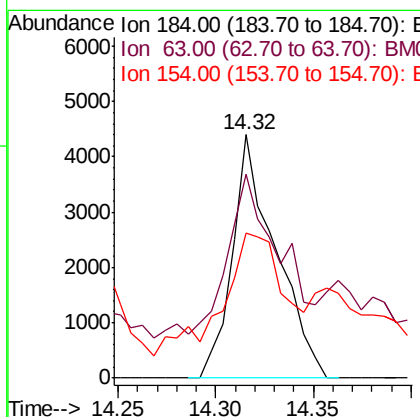
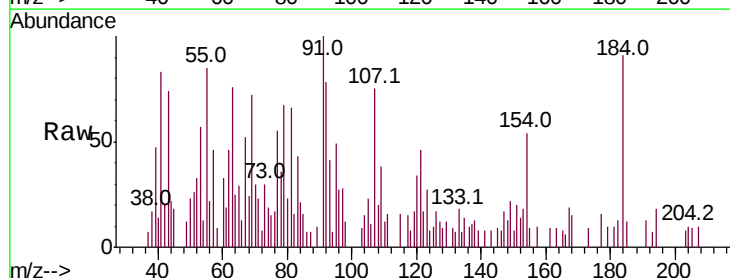
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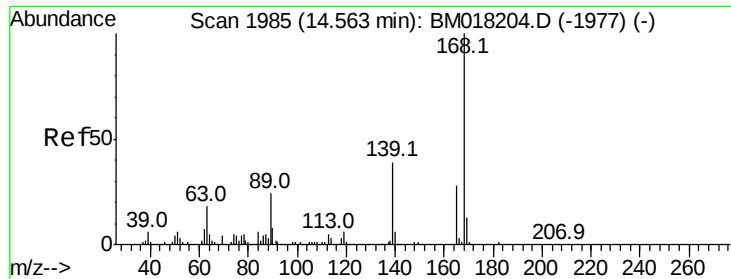
Sohil
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#54
2,4-Dinitrophenol
Concen: 3.296 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.0	51.6	77.4#
154	59.5	54.0	81.0





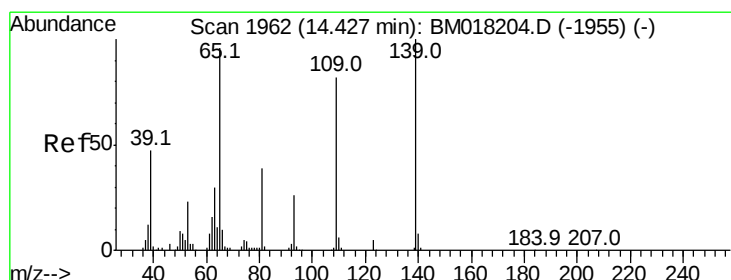
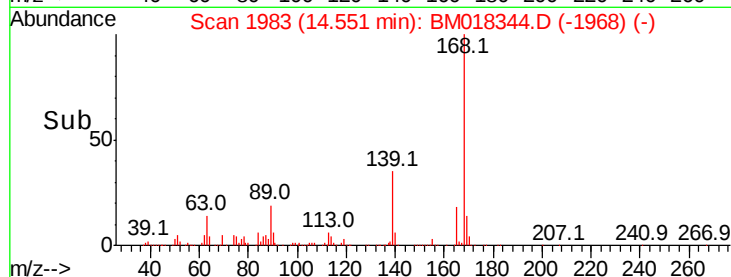
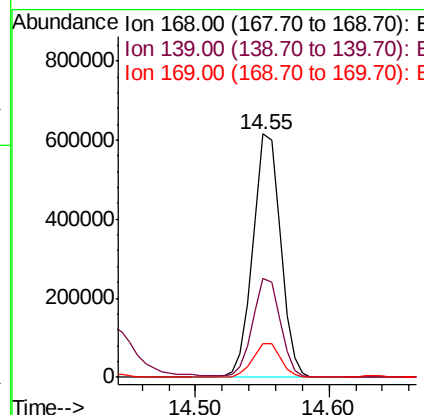
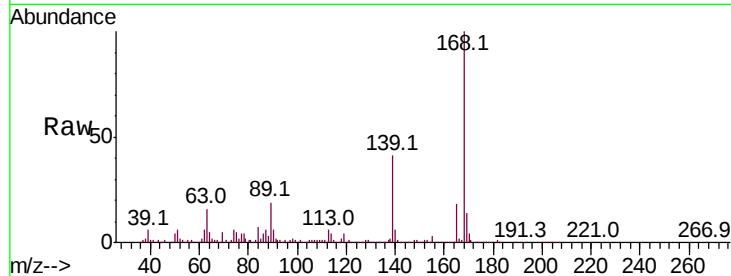
#55
Dibenzofuran
Concen: 44.113 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.2	46.8
169	13.9	10.4	15.6

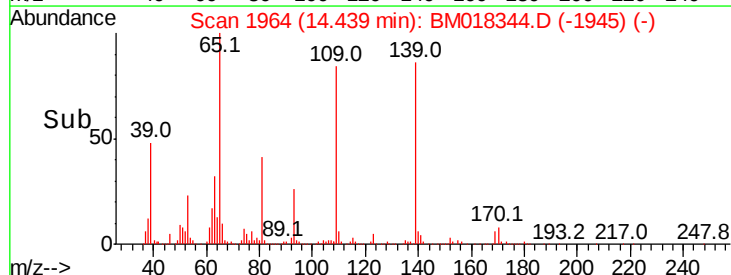
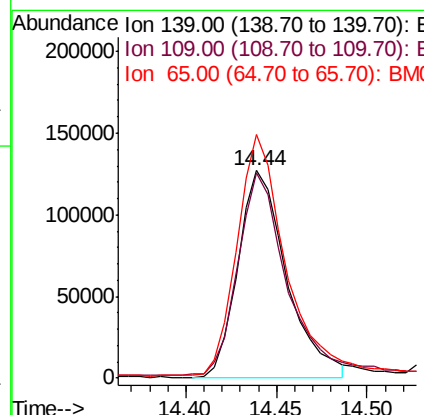
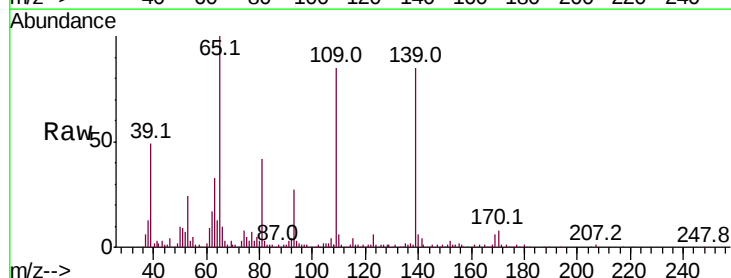
Manual Integrations
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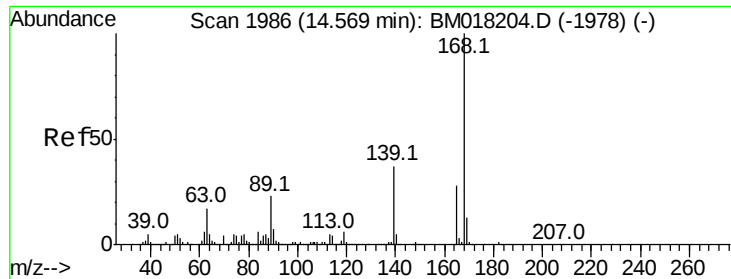
Sohil
12/21/2018 4:37:01 PM



#56
4-Nitrophenol
Concen: 80.111 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.1	62.3	102.3
65	117.3	76.4	116.4#





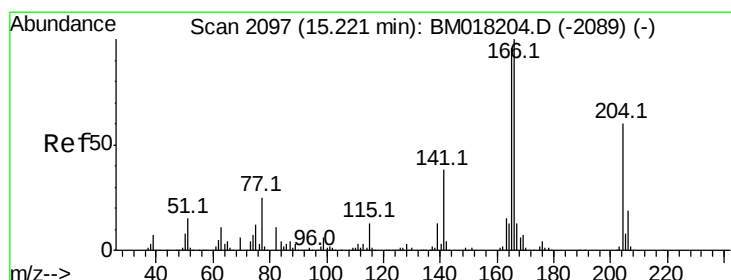
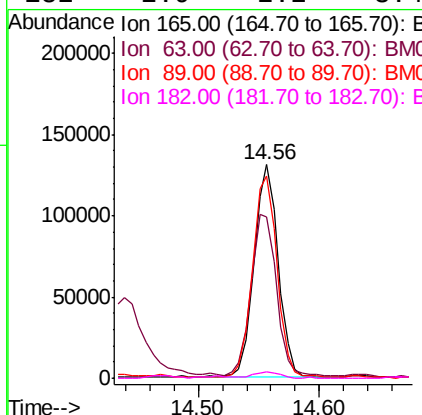
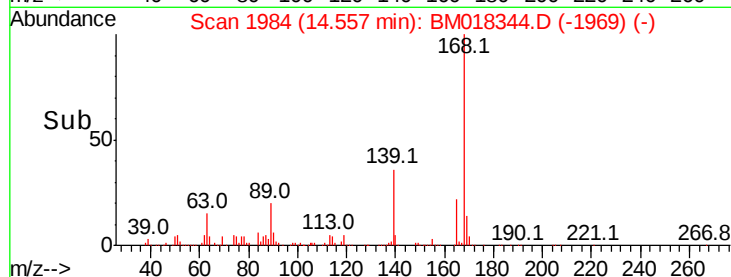
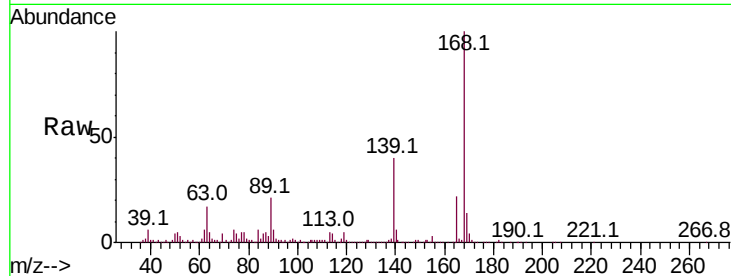
#57
2,4-Dinitrotoluene
Concen: 35.808 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.4	47.2	70.8	
89	94.8	65.8	98.8	
182	2.9	2.2	3.4	

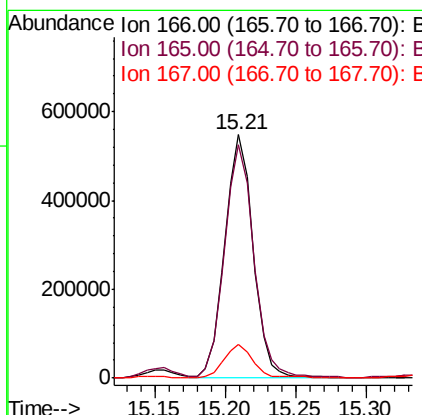
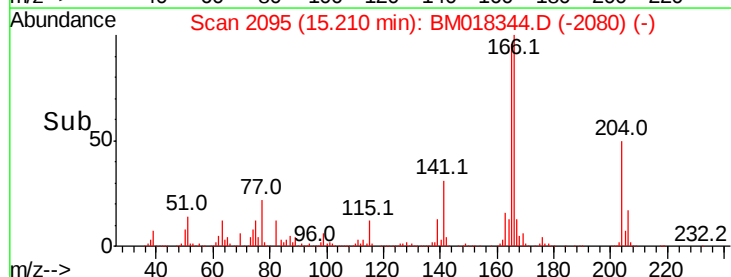
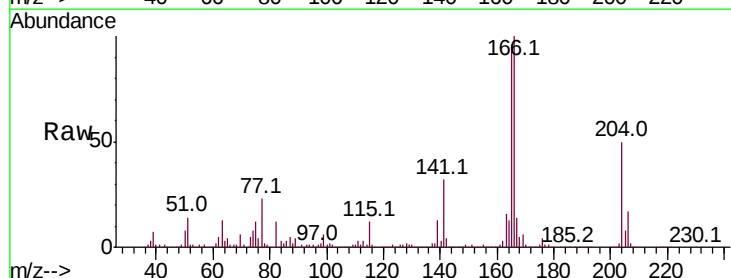
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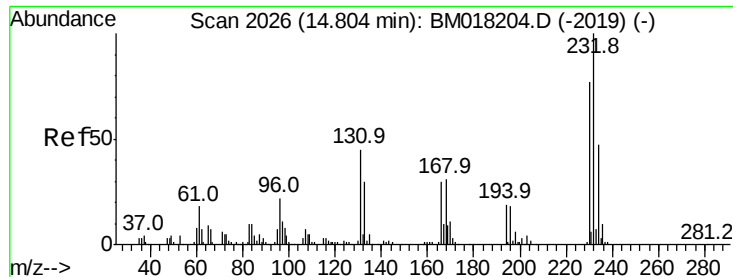
Sohil
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#58
Fluorene
Concen: 49.763 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.9	76.9	115.3	
167	13.6	10.5	15.7	





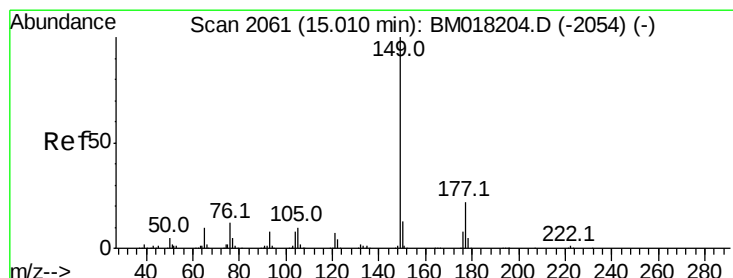
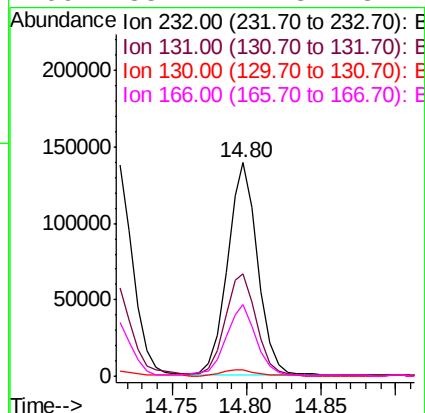
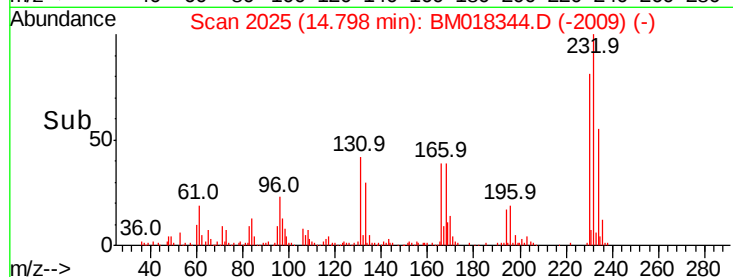
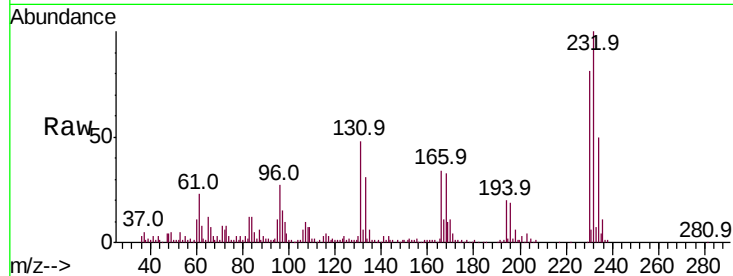
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.851 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.2	36.2	54.2
130	3.8	1.8	2.6
166	33.4	24.8	37.2

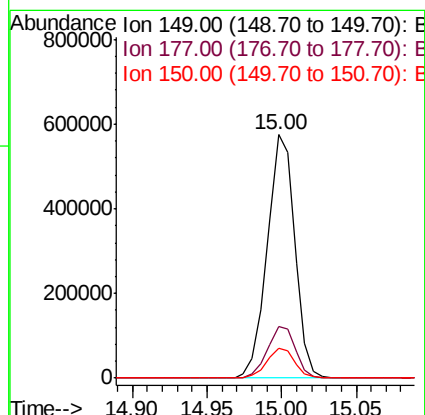
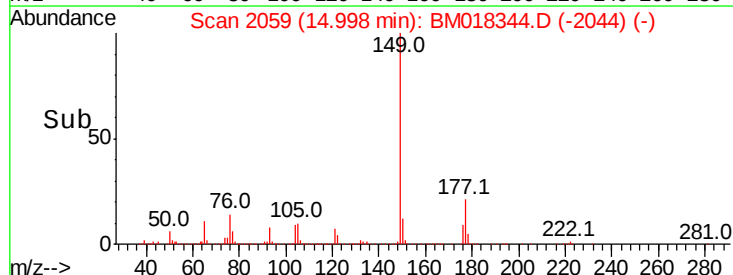
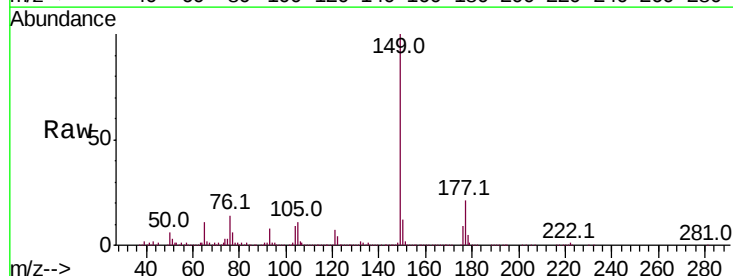
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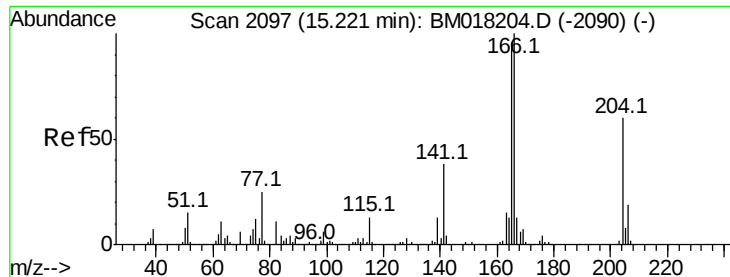
Sohil
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#60
Diethylphthalate
Concen: 40.185 ng
RT: 15.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.1	17.8	26.8
150	12.4	10.3	15.5





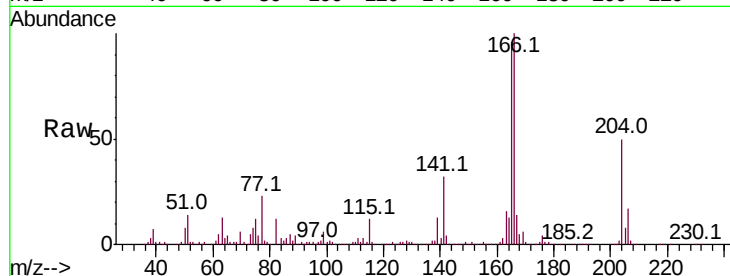
#61
4-Chlorophenyl-phenylether
Concen: 40.144 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	63.6	50.2	75.4

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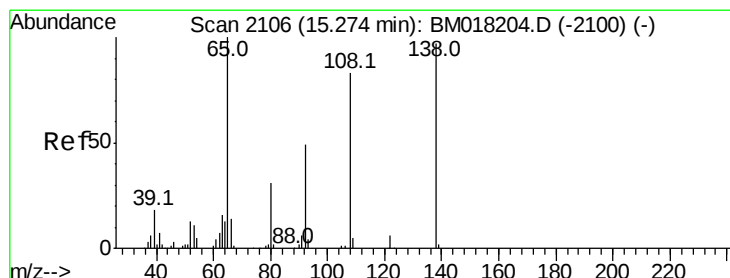
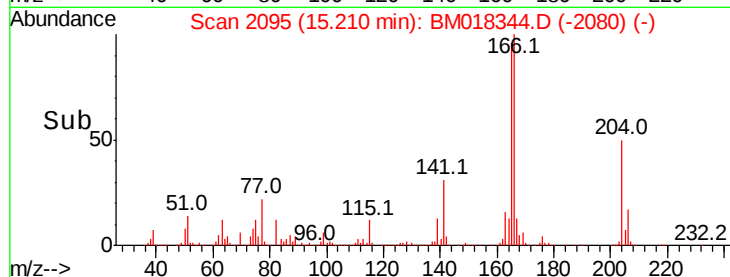
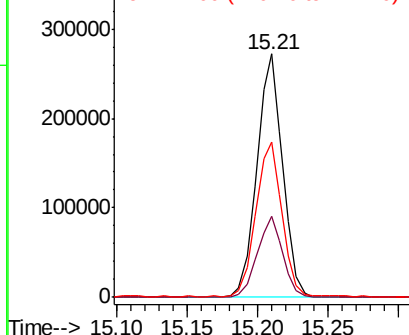


Abundance

Ion 204.00 (203.70 to 204.70): E

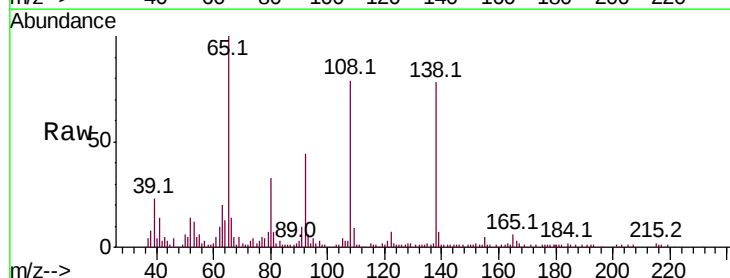
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.119 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.0	31.1	71.1
108	101.4	65.0	105.0

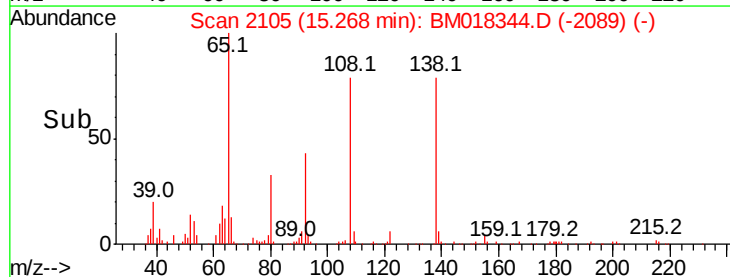
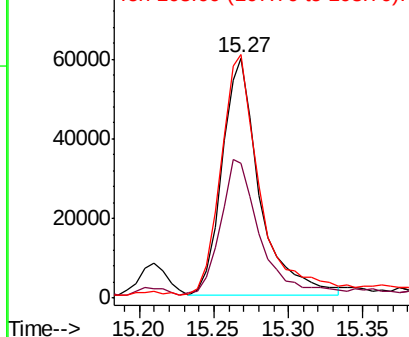


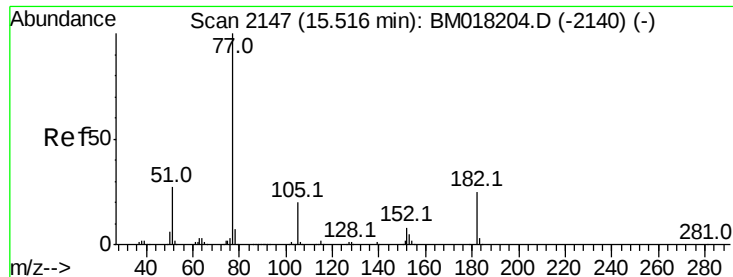
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





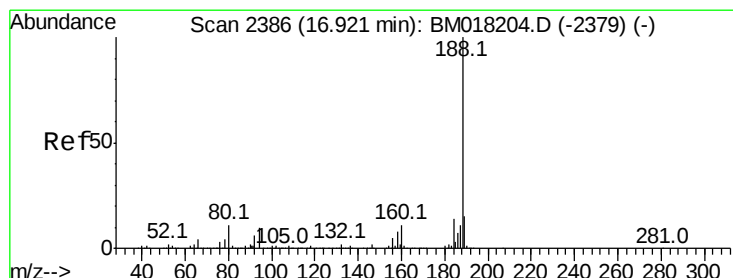
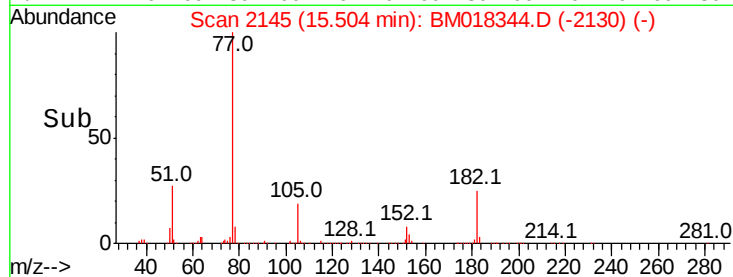
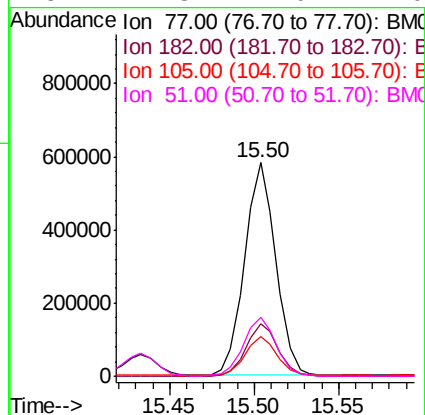
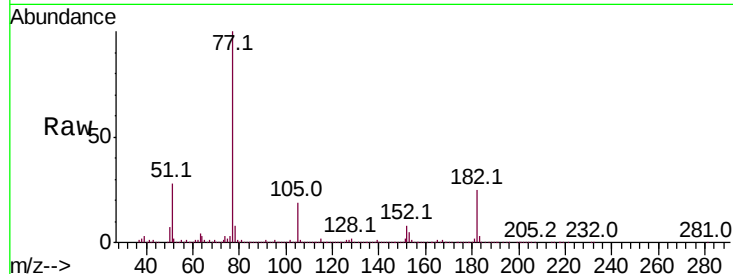
#63
Azobenzene
Concen: 44.805 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	18.7	0.2	40.2
51	27.8	7.0	47.0

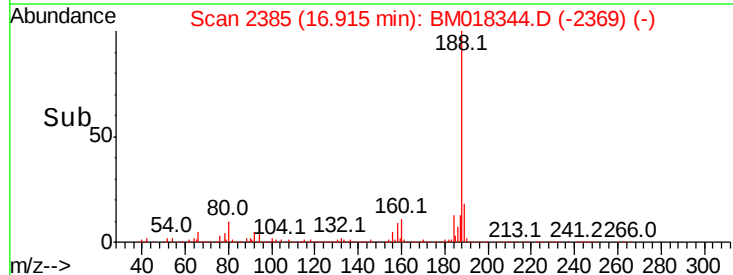
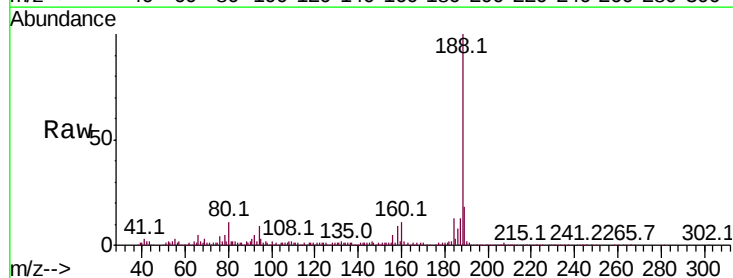
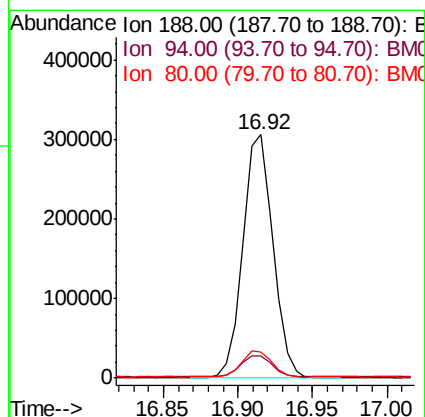
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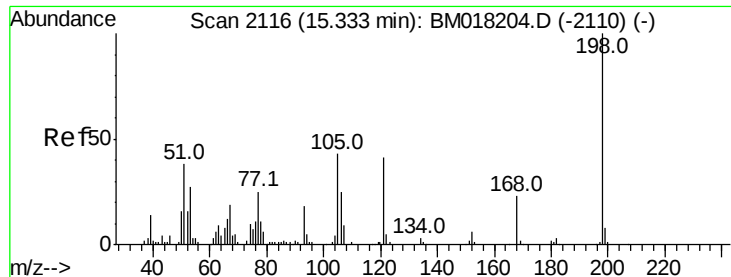
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12/21/2018 4:37:01 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	10.6	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 2.435 ng

RT: 15.33 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:198 Resp: 7620

Ion Ratio Lower Upper

198 100

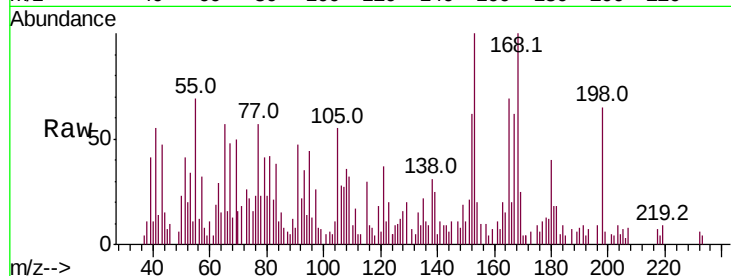
51 63.0 18.6 58.6#

105 84.1 22.9 62.9#

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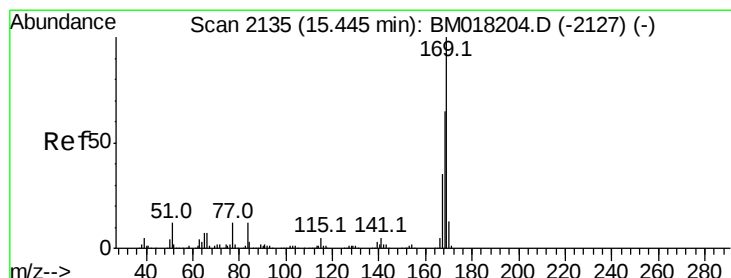
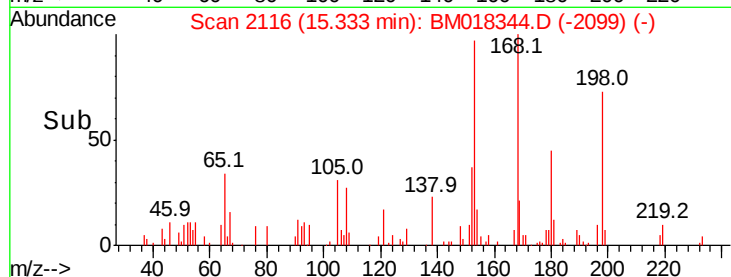
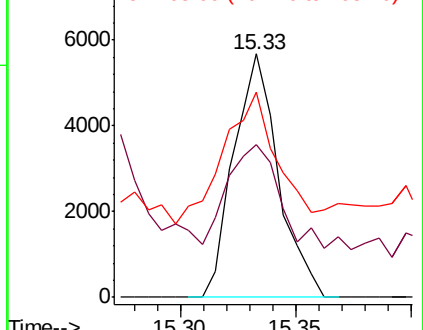
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.915 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

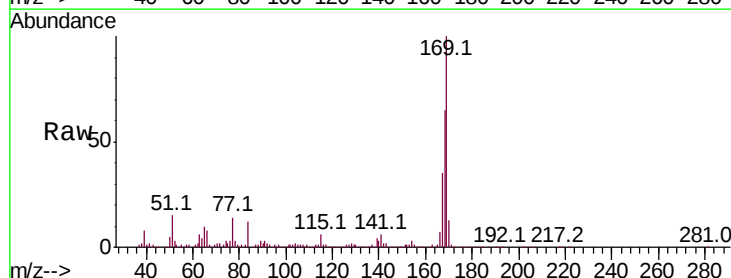
Tgt Ion:169 Resp: 575087

Ion Ratio Lower Upper

169 100

168 65.2 52.2 78.4

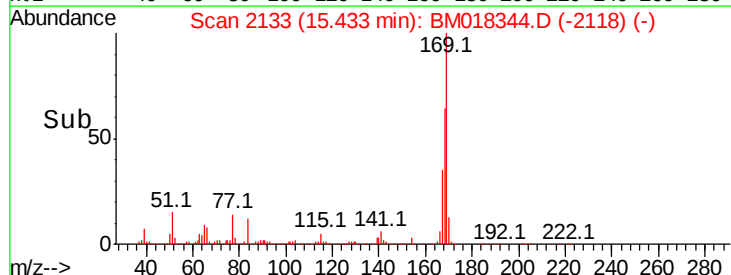
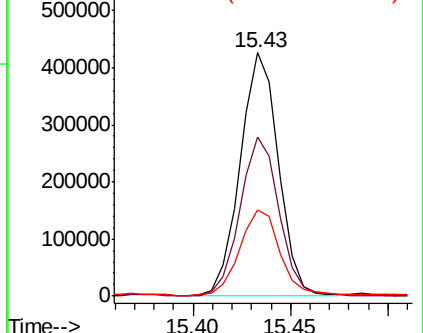
167 35.4 27.6 41.4

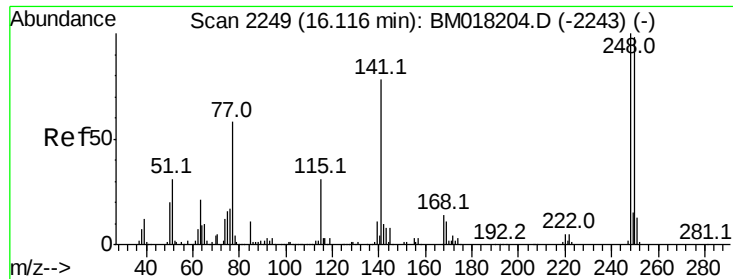


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





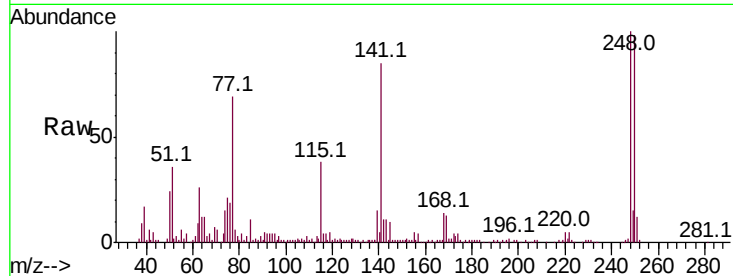
#67
4-Bromophenyl-phenylether
Concen: 39.589 ng
RT: 16.10 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

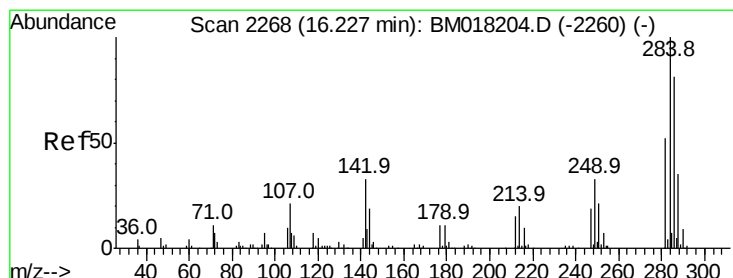
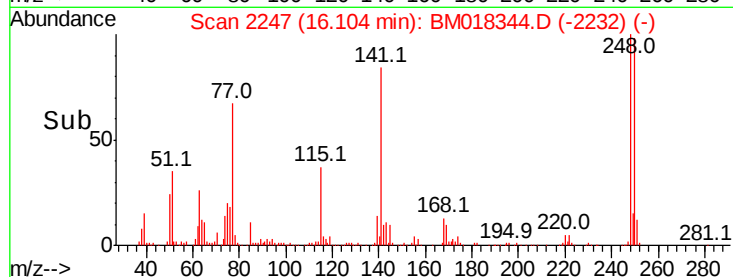
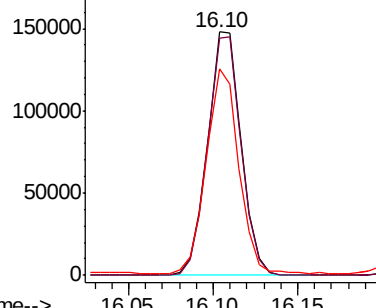
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.7	118.1
141	84.6	62.2	93.4

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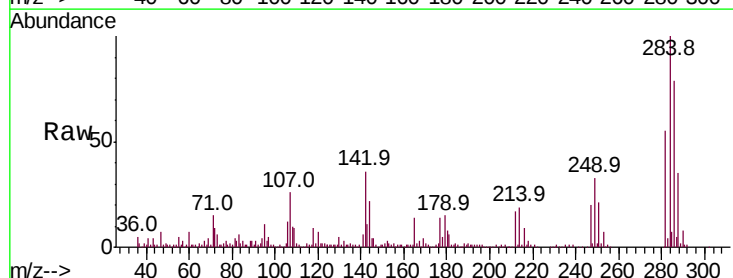


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

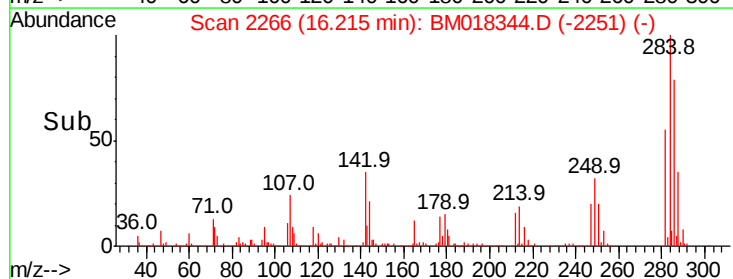
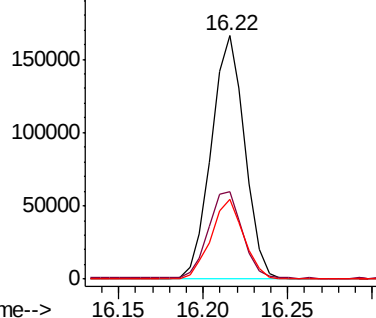


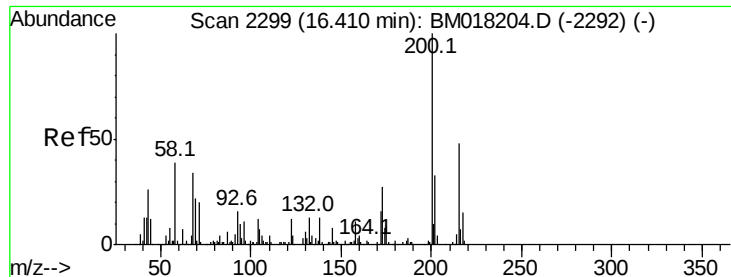
#68
Hexachlorobenzene
Concen: 40.611 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	26.2	39.4
249	32.6	26.2	39.2



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





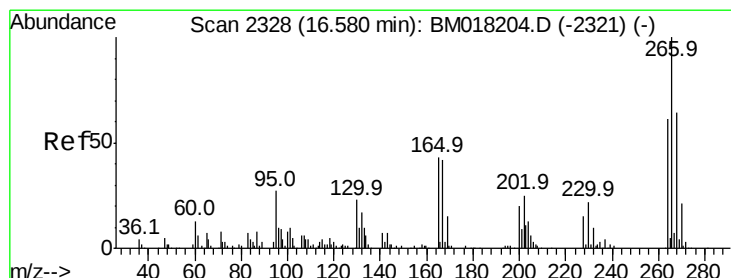
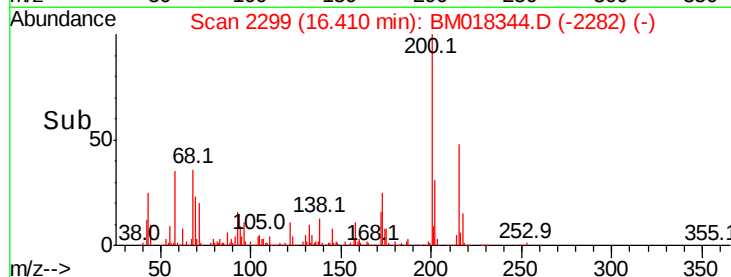
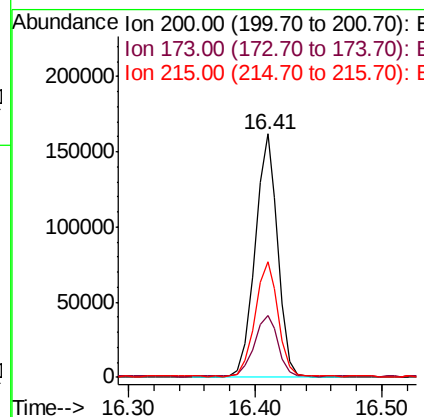
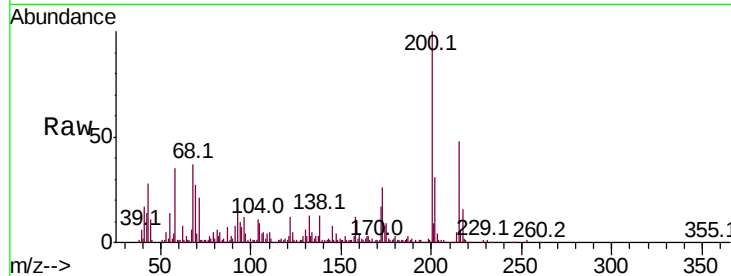
#69
 Atrazine
 Concen: 42.484 ng
 RT: 16.41 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Tot Ion:	200	Resp:	201592
Ion Ratio	Lower	Upper	
200	100		
173	25.6	6.9	46.9
215	47.6	27.9	67.9

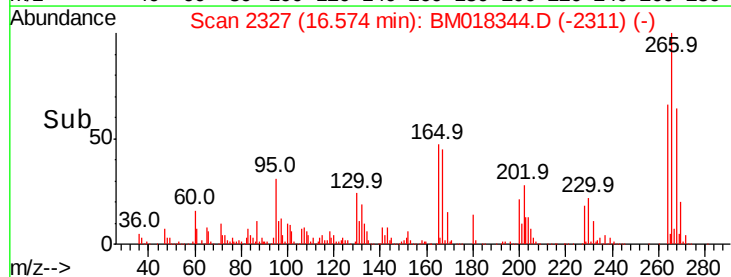
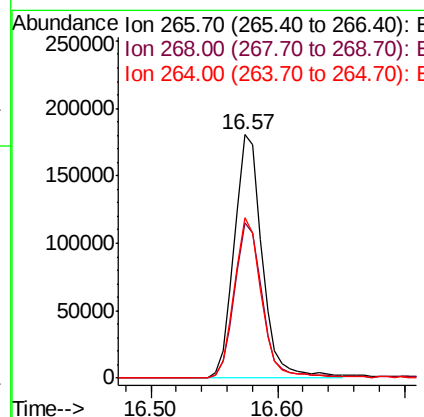
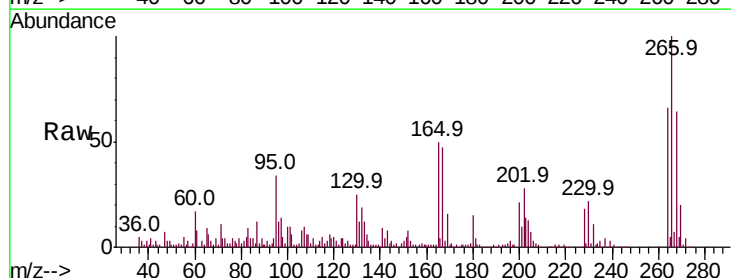
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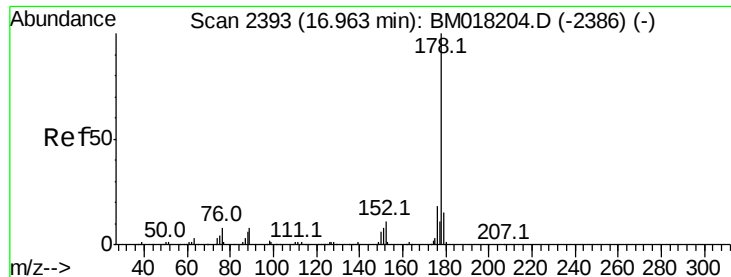
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#70
 Pentachlorophenol
 Concen: 73.937 ng
 RT: 16.57 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion:	266	Resp:	275383
Ion Ratio	Lower	Upper	
266	100		
268	63.9	51.1	76.7
264	66.0	49.0	73.4





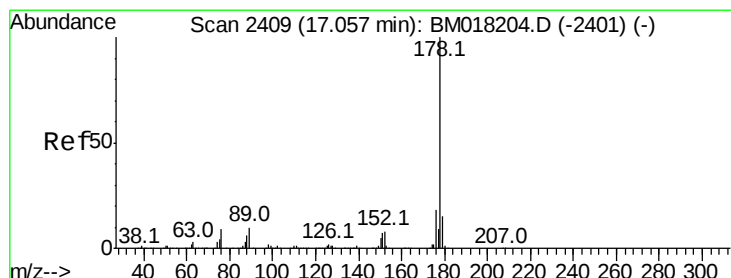
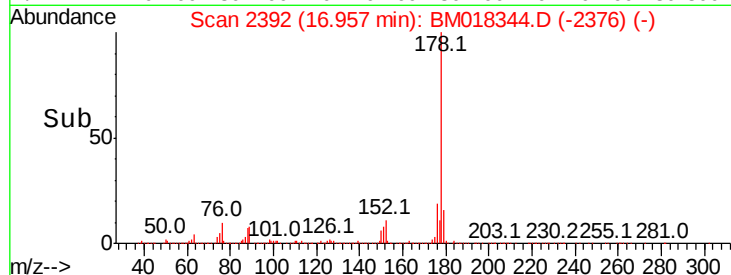
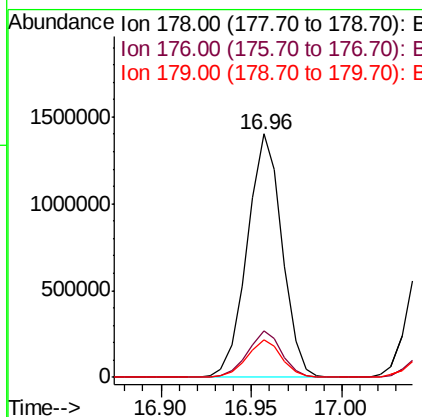
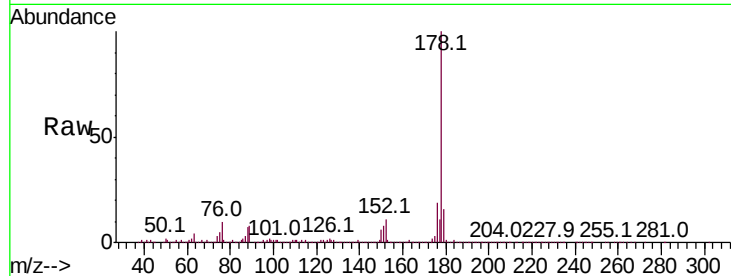
#71
Phenanthrene
Concen: 80.763 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.7	12.0	18.0

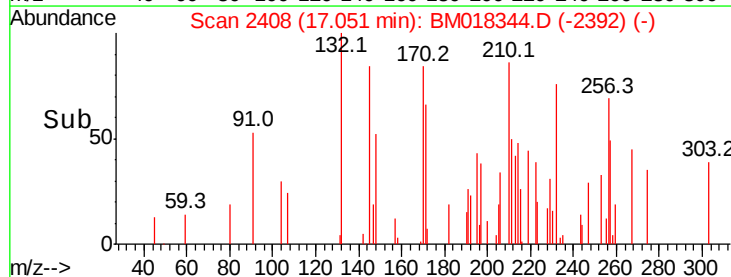
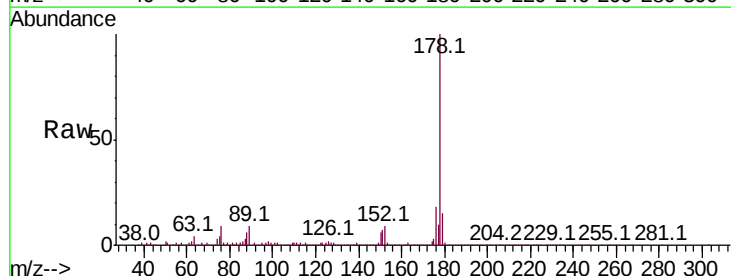
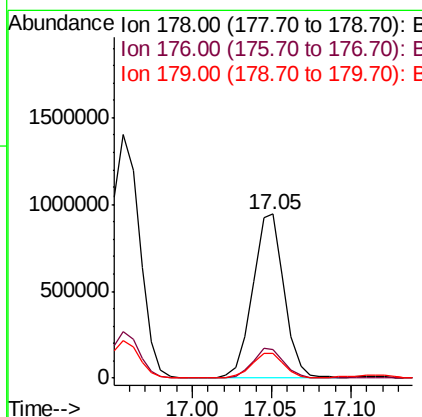
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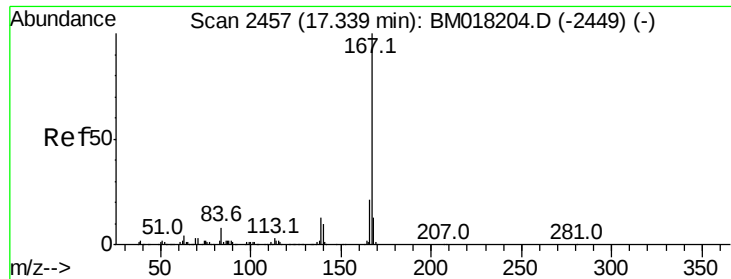
Sohil
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#72
Anthracene
Concen: 56.226 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.1	12.0	18.0





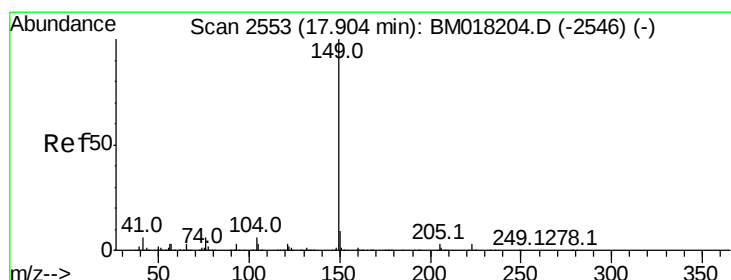
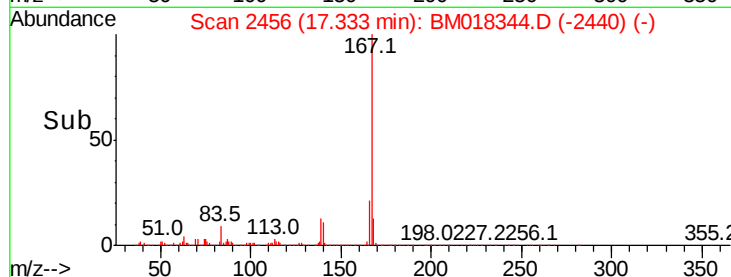
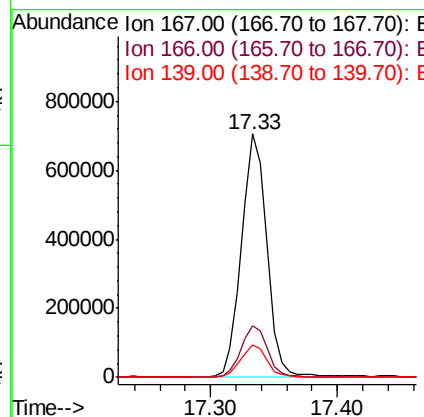
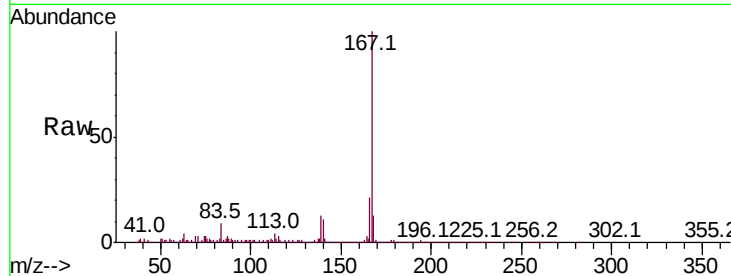
#73
 Carbazole
 Concen: 41.348 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	13.4	10.3	15.5

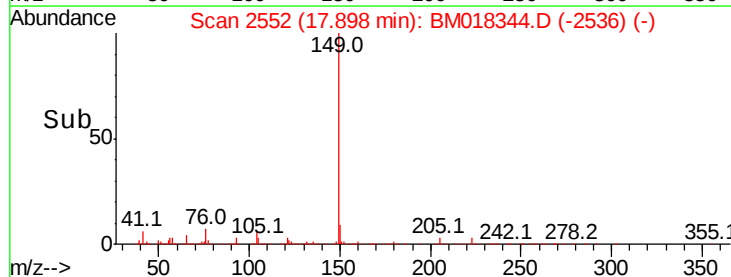
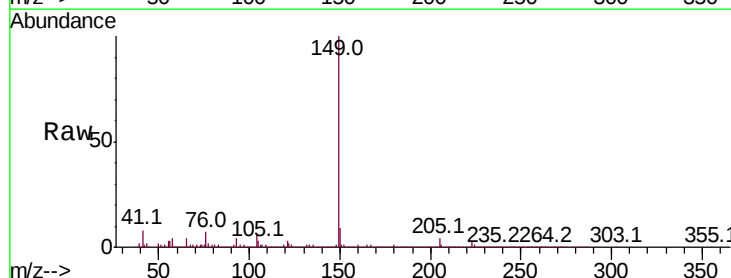
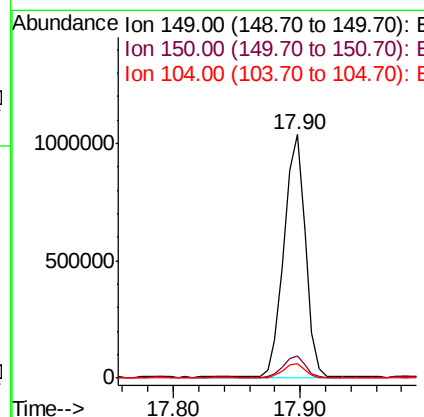
Manual Integrations
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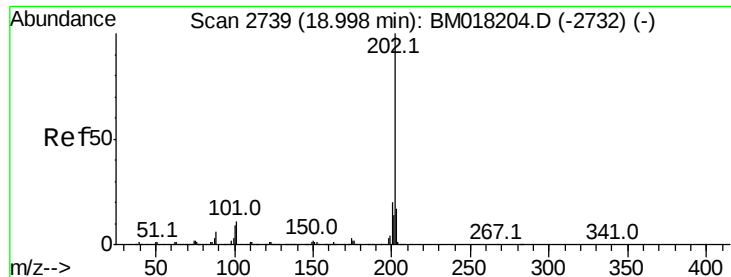
Sohil
 12/21/2018 4:37:01 PM



#74
 Di-n-butylphthalate
 Concen: 41.700 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018344.D
 Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.9	4.8	7.2





#75

Fluoranthene

Concen: 68.965 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

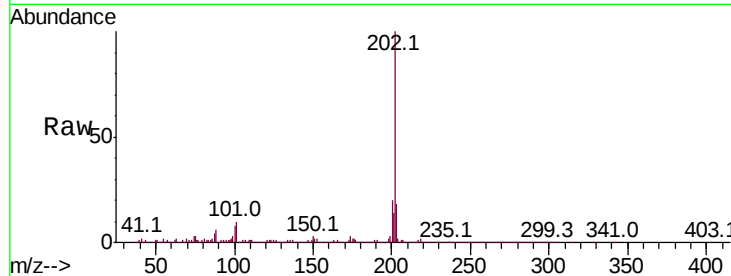
ClientSampleId :

P001-SS008-1218-01MS

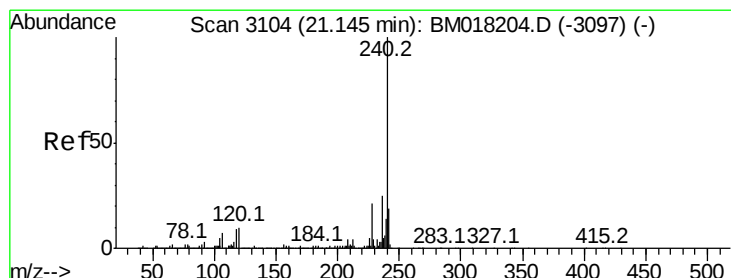
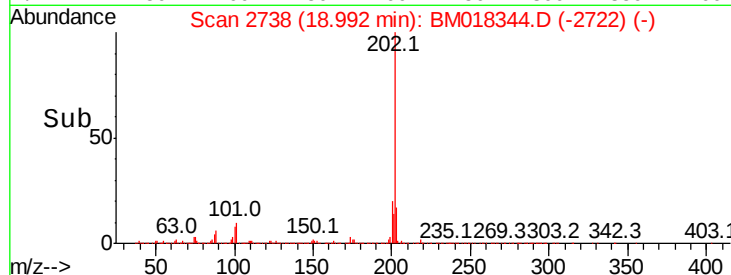
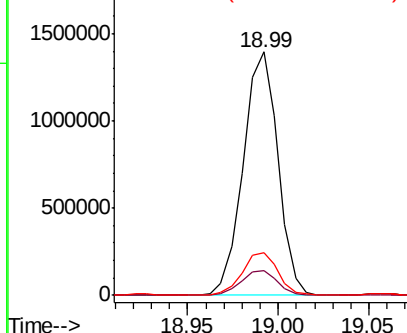
Tot Ion:	202	Resp:	1851246
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.5
203	17.6	0.0	37.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

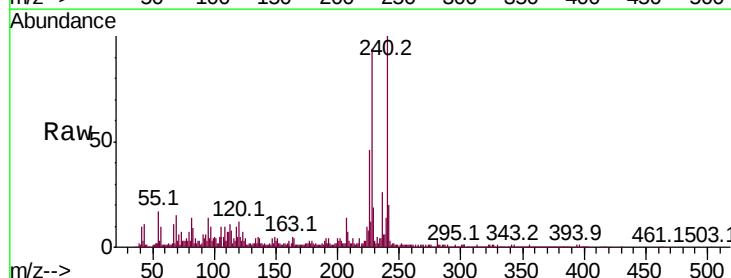
RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

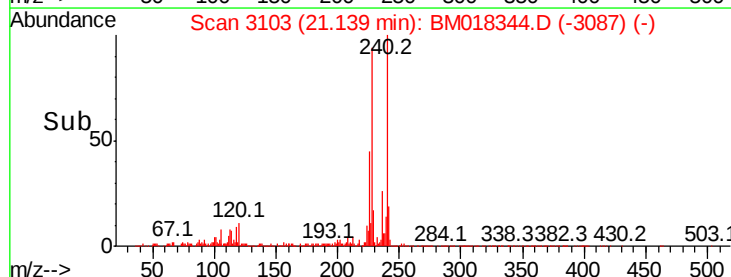
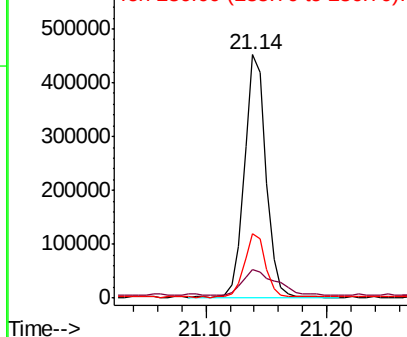
Lab File: BM018344.D

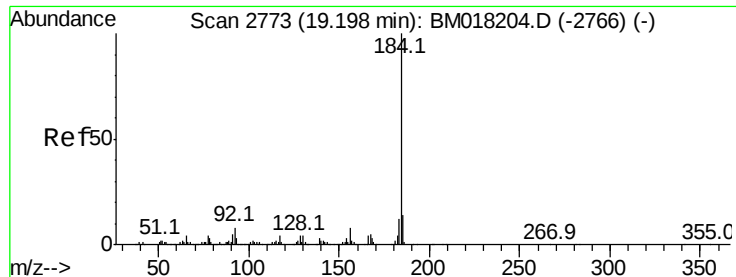
Acq: 20 Dec 2018 23:35

Tgt Ion:	240	Resp:	557195
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.2	12.2
236	26.2	20.3	30.5



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





#77

Benzidine

Concen: 0.195 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

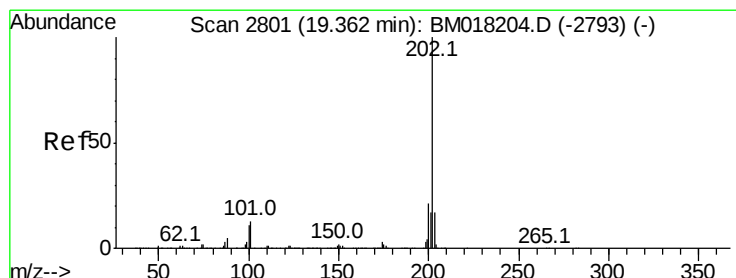
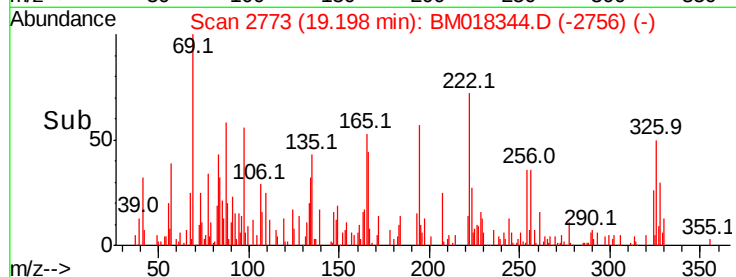
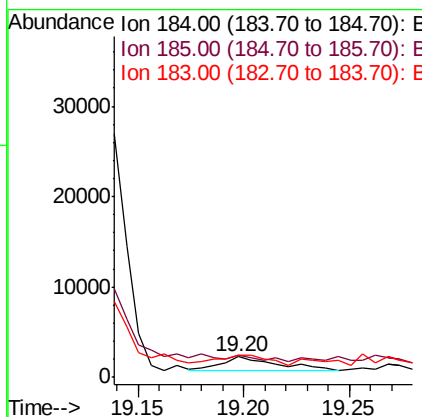
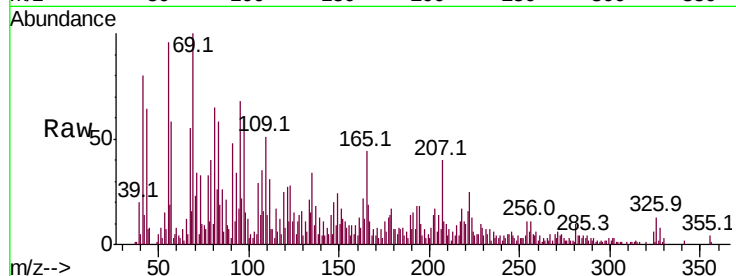
ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:	184	Resp:	2752
Ion Ratio	Lower	Upper	
184	100		
185	104.8	11.4	17.2#
183	110.4	9.7	14.5#

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#78

Pyrene

Concen: 70.726 ng

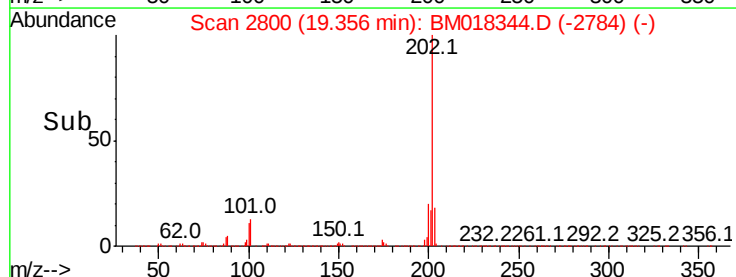
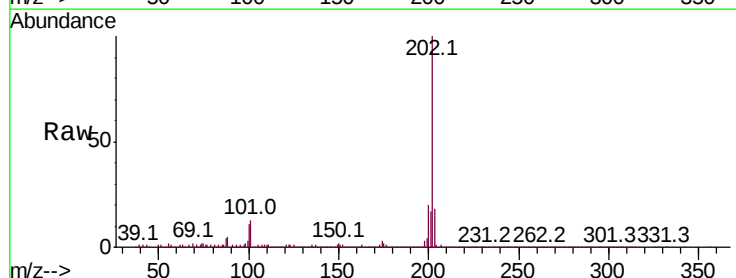
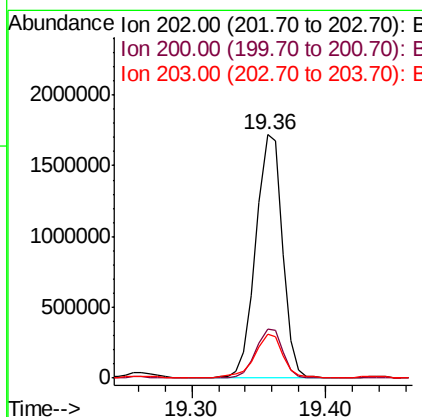
RT: 19.36 min Scan# 2800

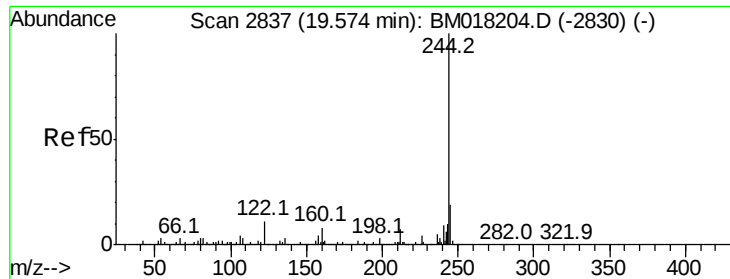
Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	202	Resp:	2348117
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.5	24.7
203	18.0	14.0	21.0





#79

Terphenyl-d14

Concen: 91.503 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:244 Resp: 2254317

Ion Ratio Lower Upper

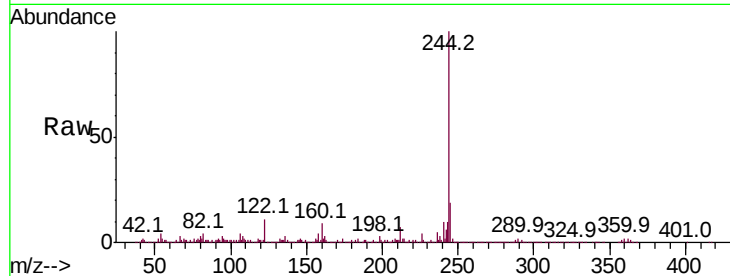
244 100

212 7.3 5.8 8.8

122 11.0 9.0 13.6

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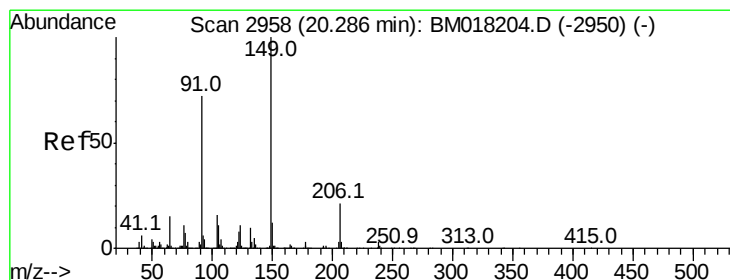
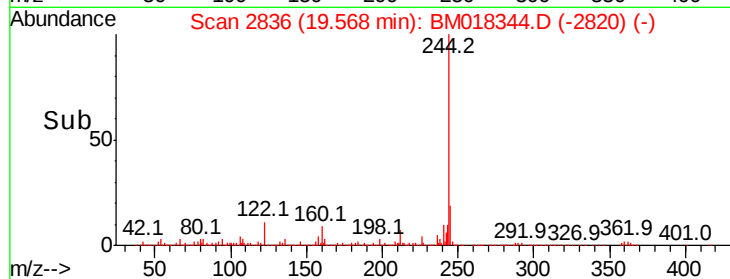
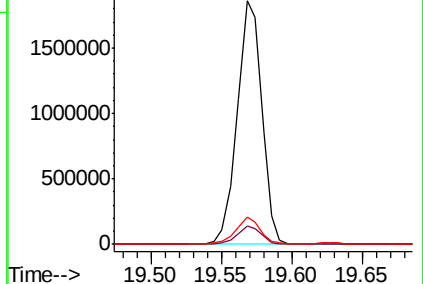
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.126 ng

RT: 20.28 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

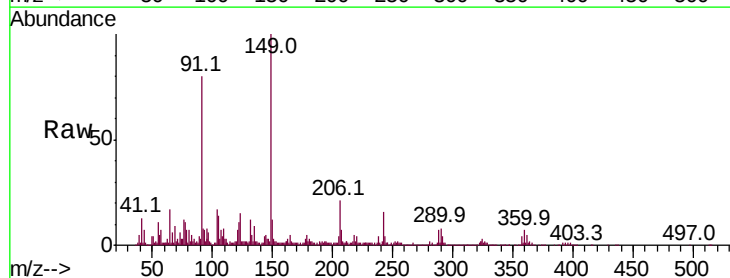
Tgt Ion:149 Resp: 633777

Ion Ratio Lower Upper

149 100

91 80.5 57.4 86.2

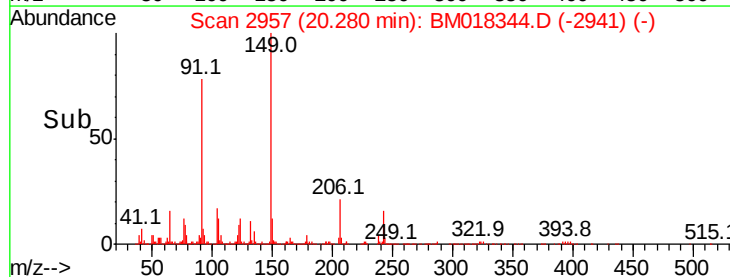
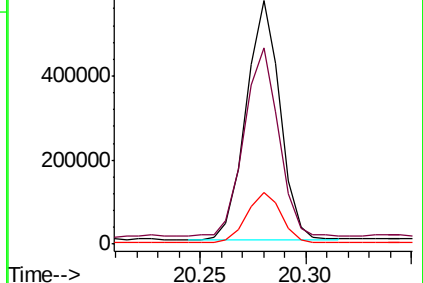
206 21.2 17.0 25.4

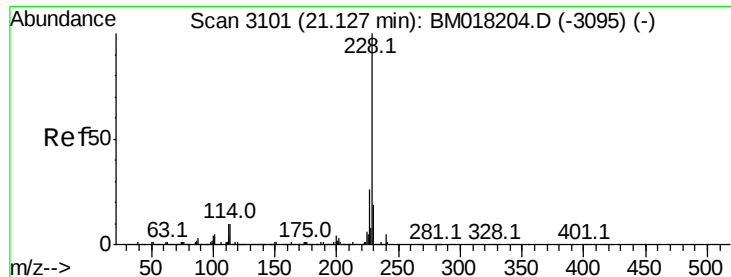


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.104 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:228 Resp: 1858644

Ion Ratio Lower Upper

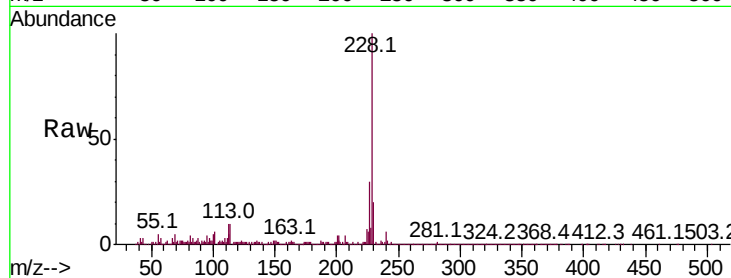
228 100

226 29.8 21.0 31.4

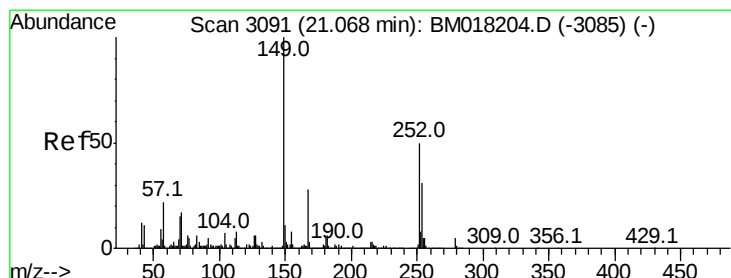
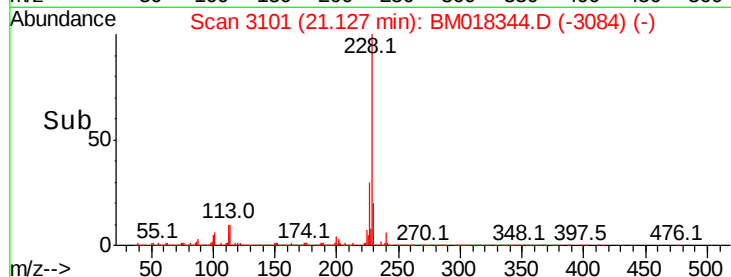
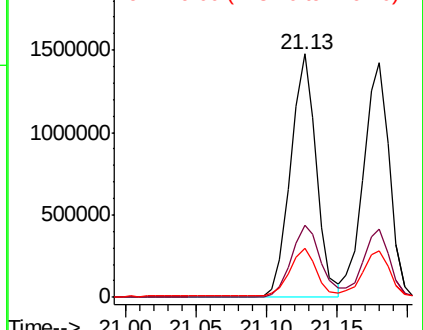
229 20.1 15.5 23.3

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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 2.701 ng

RT: 21.08 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

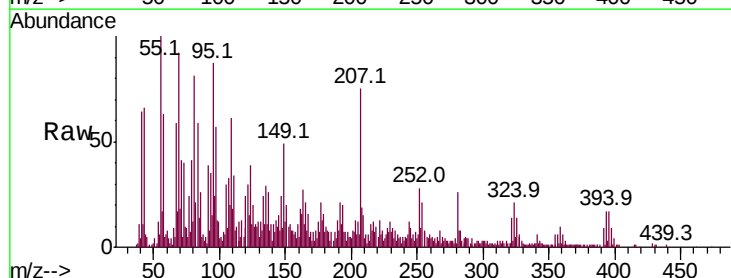
Tgt Ion:252 Resp: 35127

Ion Ratio Lower Upper

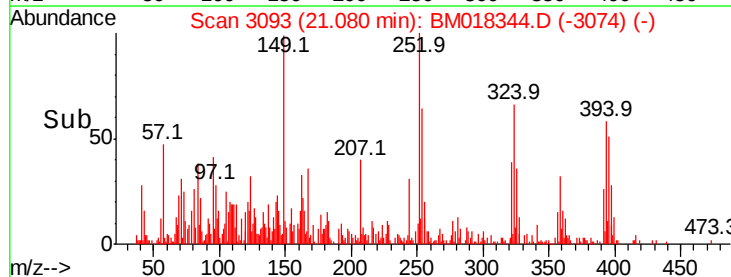
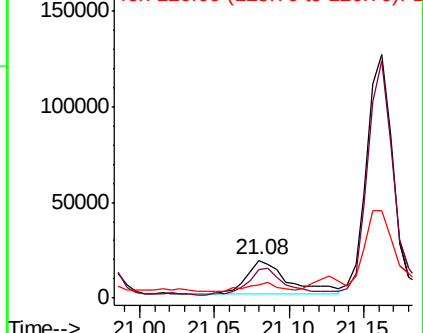
252 100

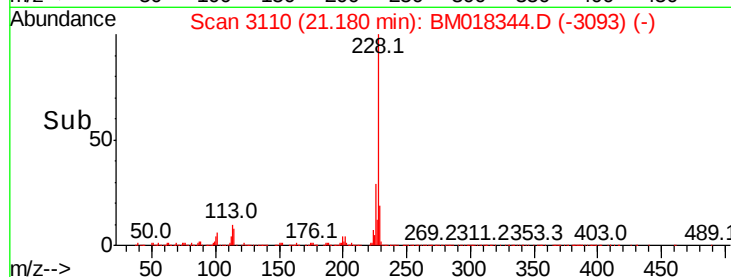
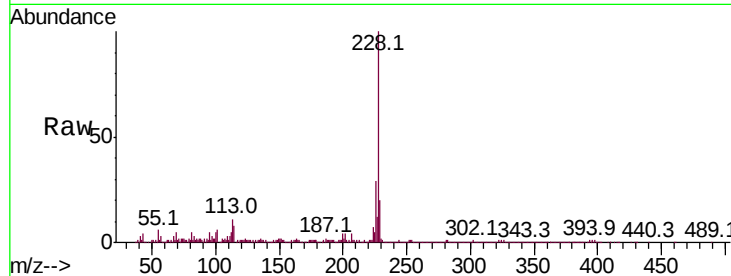
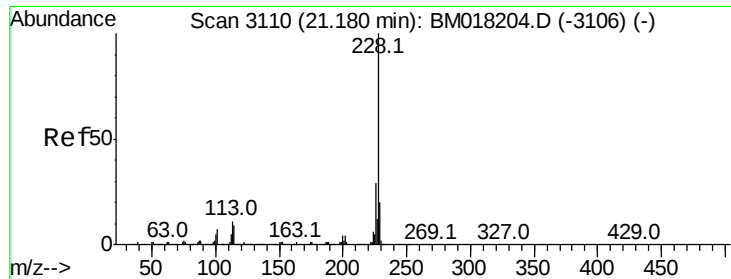
254 75.1 50.4 75.6

126 36.1 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E
150000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





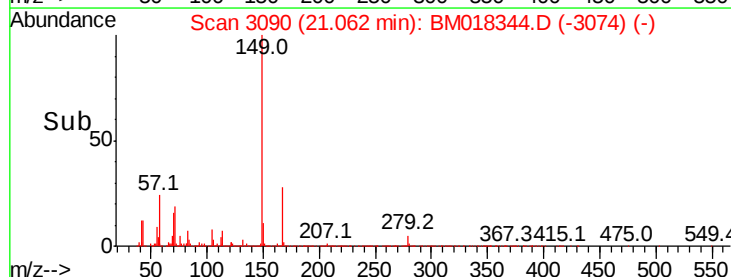
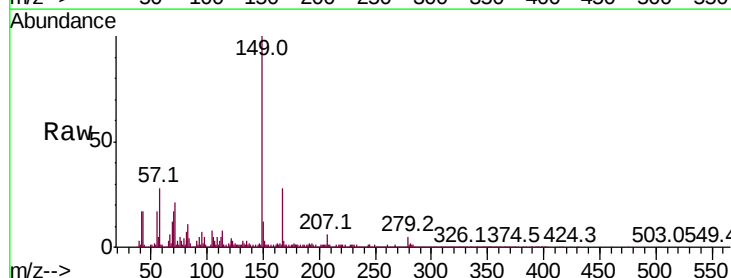
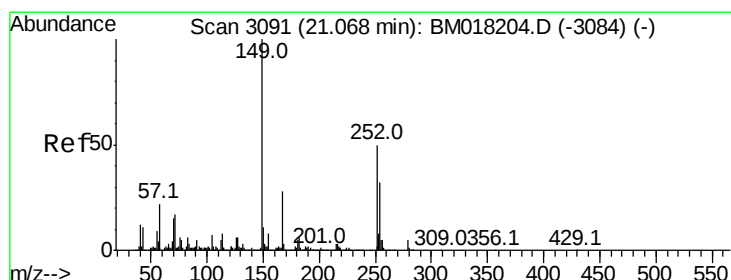
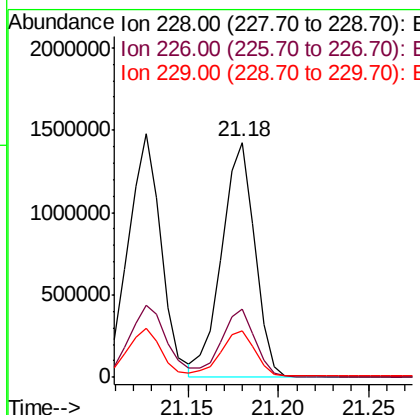
#83
Chrysene
Concen: 57.392 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion:228 Resp: 1796754
Ion Ratio Lower Upper
228 100
226 29.2 23.1 34.7
229 20.0 15.8 23.6

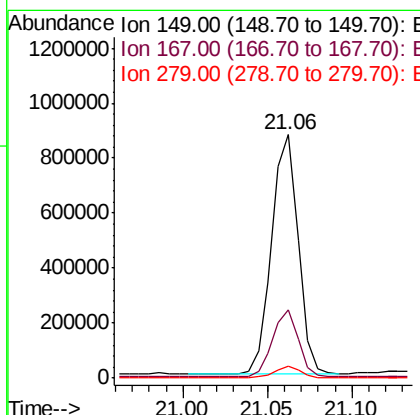
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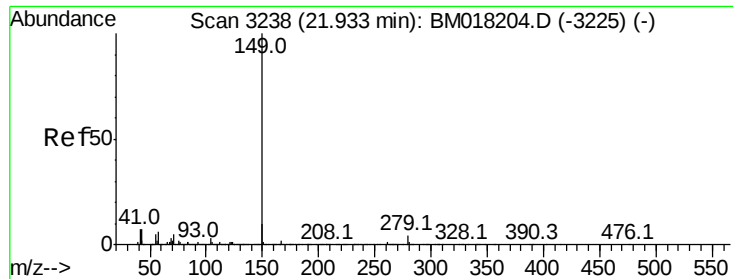
Sohil
12/21/2018 4:37:01 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.107 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion:149 Resp: 944108
Ion Ratio Lower Upper
149 100
167 28.0 22.7 34.1
279 5.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.367 ng

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Instrument :

BNA_M

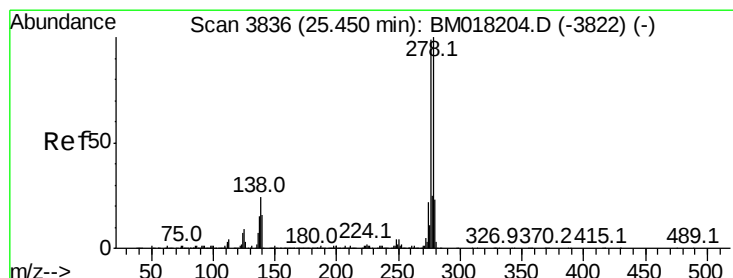
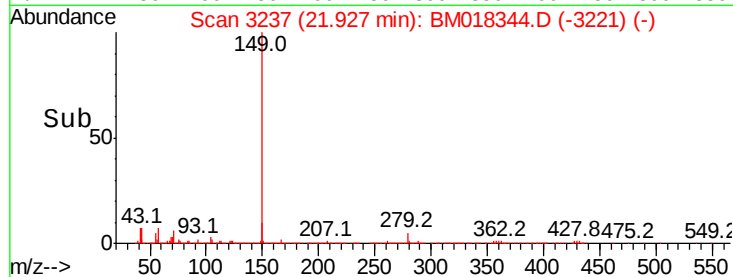
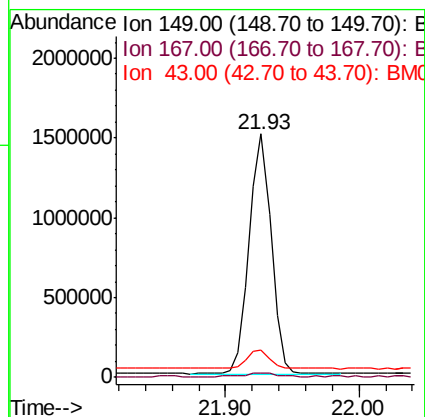
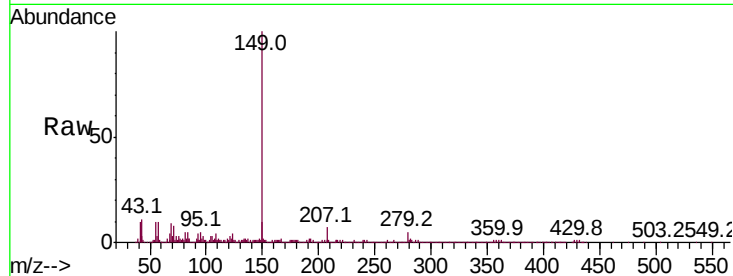
ClientSampleId :

P001-SS008-1218-01MS

Tot Ion:	149	Resp:	1710402
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	6.2	9.4

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 61.437 ng

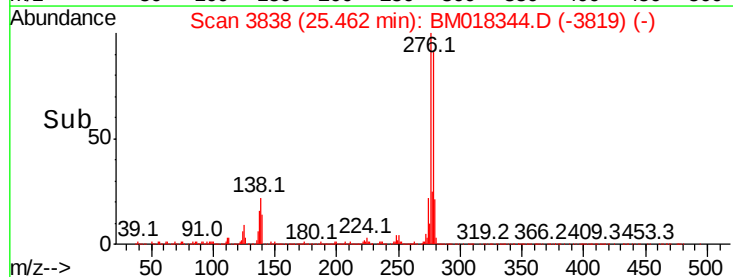
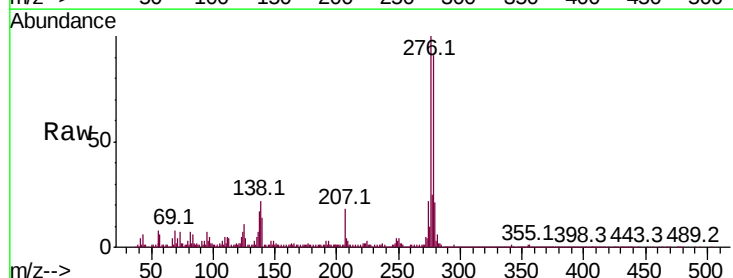
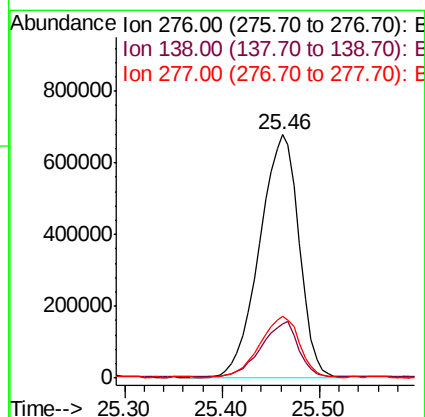
RT: 25.46 min Scan# 3838

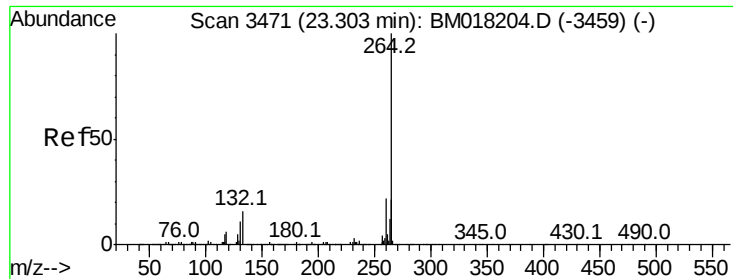
Delta R.T. 0.01 min

Lab File: BM018344.D

Acq: 20 Dec 2018 23:35

Tgt Ion:	276	Resp:	1915941
Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.6	28.0
277	25.1	20.3	30.5





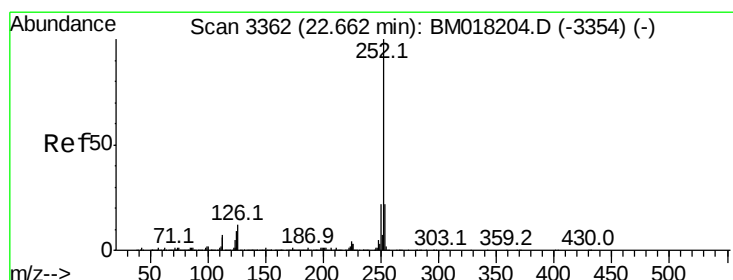
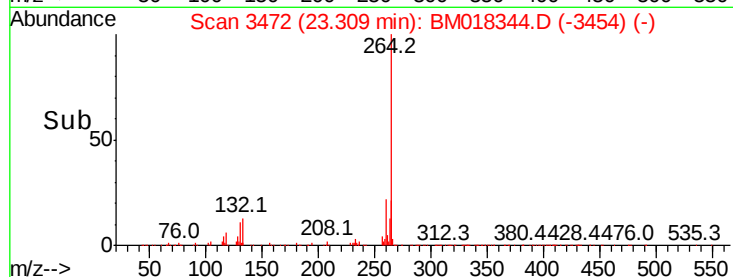
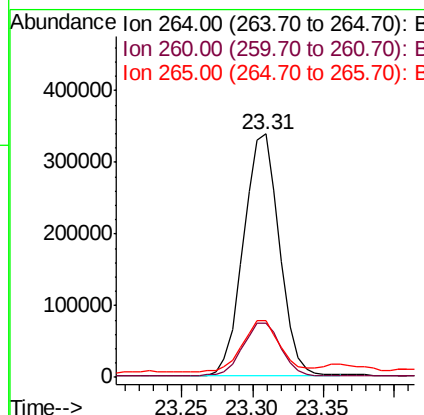
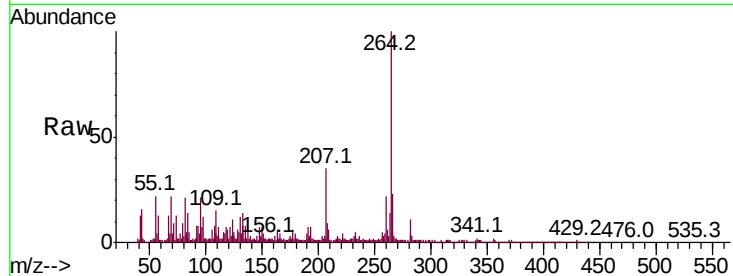
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.5	26.3
265	23.2	17.3	25.9

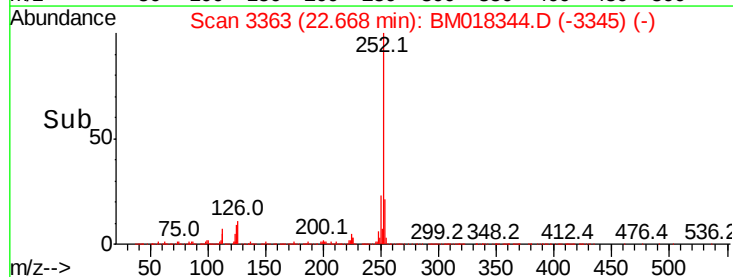
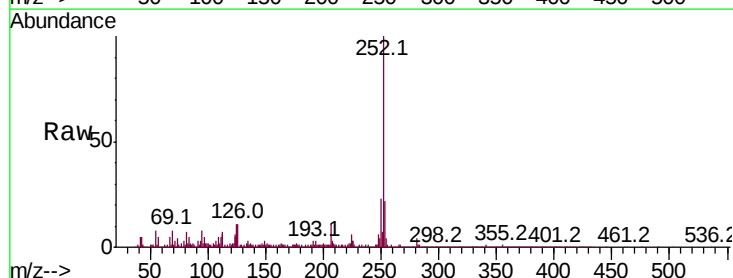
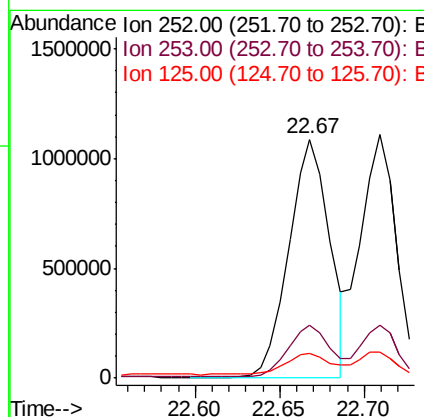
Manual Integrations
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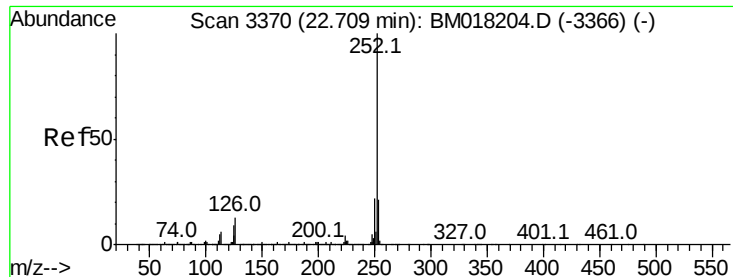
Sohil
12/21/2018 4:37:01 PM



#88
Benzo(b)fluoranthene
Concen: 53.400 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.5	7.4	11.0





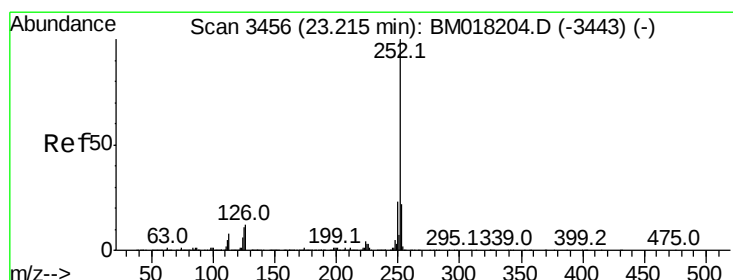
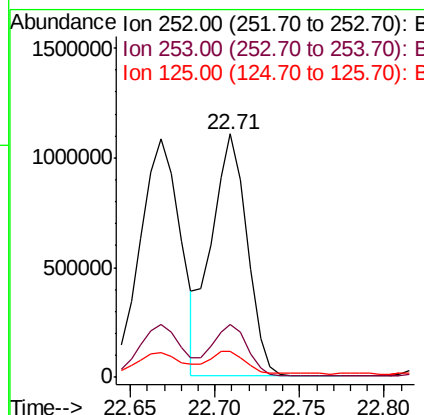
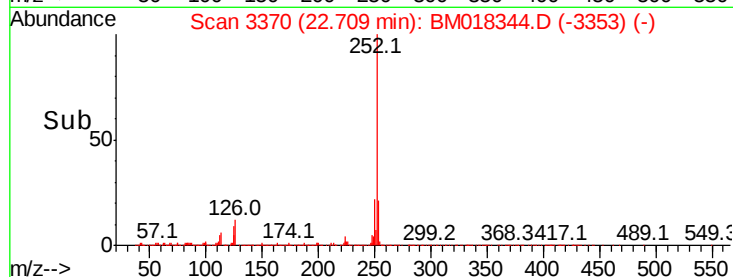
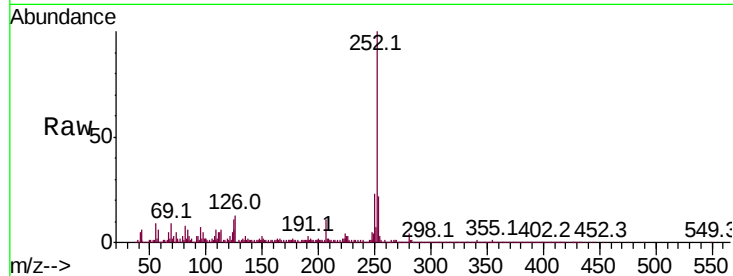
#89
Benzo(k)fluoranthene
Concen: 48.413 ng
RT: 22.71 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	10.6	7.5	11.3

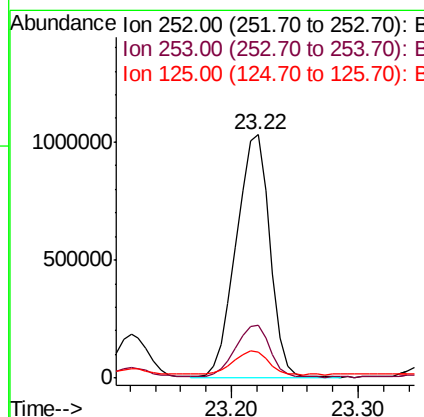
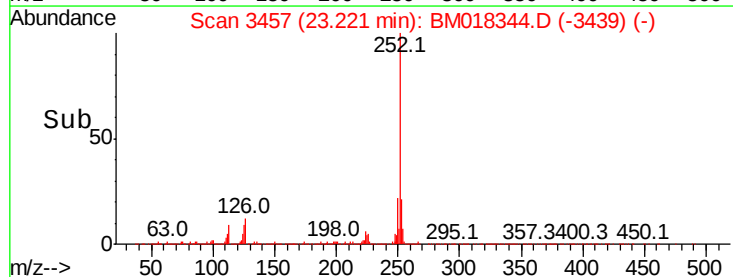
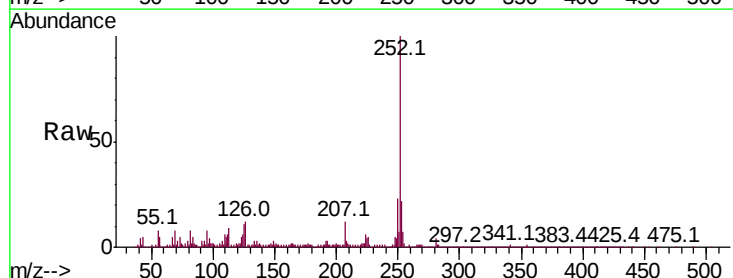
Manual Integrations
APPROVED

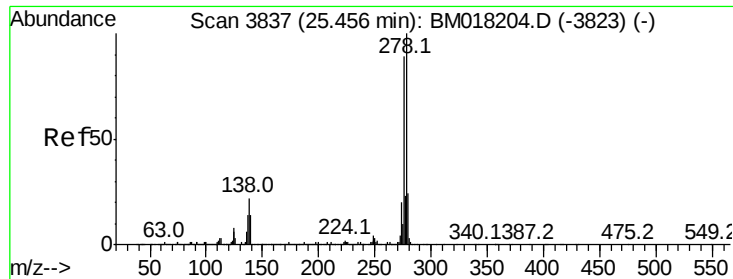
Sohil
12/21/2018 4:37:01 PM



#90
Benzo(a)pyrene
Concen: 58.648 ng
RT: 23.22 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.7	8.6	12.8





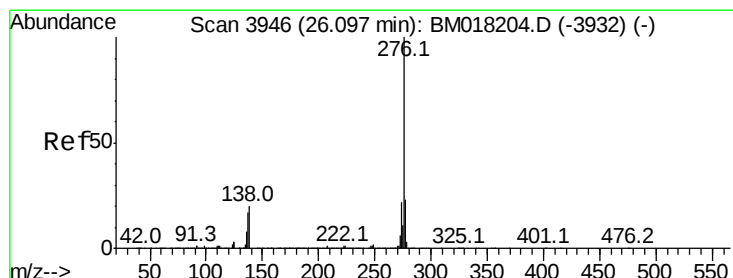
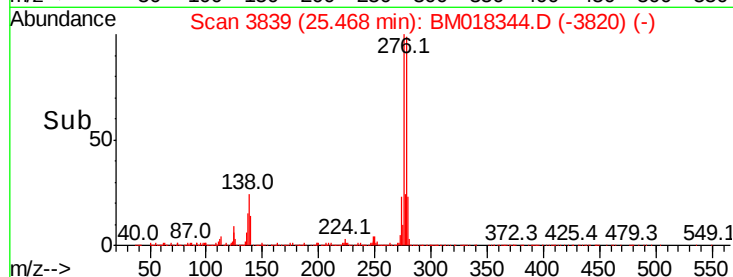
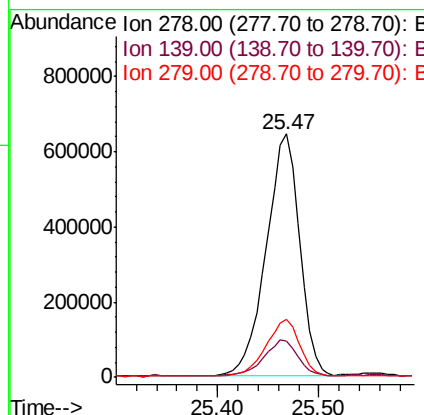
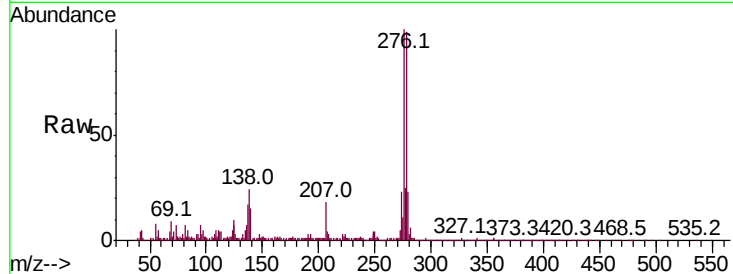
#91
Dibenzo(a,h)anthracene
Concen: 49.932 ng
RT: 25.47 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.6	17.4
279	23.6	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/21/2018 4:37:01 PM



#92
Benzo(g,h,i)perylene
Concen: 59.849 ng
RT: 26.11 min Scan# 3949
Delta R.T. 0.02 min
Lab File: BM018344.D
Acq: 20 Dec 2018 23:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.9	15.8	23.8

