

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018530.D
 Acq On : 11 Jan 2019 06:58
 Operator : JU/SJ
 Sample : PB116287BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BS

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:41:16 PM

Quant Time: Jan 11 08:05:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	527300	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2220484	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1333122	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2989593	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2608630	20.00	ng	0.00
87) Perylene-d12	23.64	264	2314772	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1846350	64.66	ng	0.00
7) Phenol-d6	6.94	99	2435475	67.15	ng	0.00
23) Nitrobenzene-d5	8.93	82	2189233	57.16	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	954915	56.26	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	5816782	56.93	ng	0.00
79) Terphenyl-d14	19.79	244	7340239	59.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	233131	20.030	ng	95
3) Pyridine	3.68	79	687862	23.705	ng	97
4) n-Nitrosodimethylamine	3.60	42	347175	28.933	ng	# 94
6) Aniline	7.10	93	567455	14.025	ng	99
8) 2-Chlorophenol	7.33	128	1049582	31.470	ng	95
9) Benzaldehyde	6.91	77	294502	11.635	ng	97
10) Phenol	6.96	94	1161470	31.513	ng	97
11) bis(2-Chloroethyl)ether	7.19	93	786892	27.171	ng	96
12) 1,3-Dichlorobenzene	7.65	146	1051041	26.462	ng	99
13) 1,4-Dichlorobenzene	7.79	146	1073757	26.672	ng	98
14) 1,2-Dichlorobenzene	8.11	146	1028122	26.933	ng	99
15) Benzyl Alcohol	8.00	79	825366	31.506	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	996904	26.936	ng	95
17) 2-Methylphenol	8.20	107	819037	32.738	ng	99
18) Hexachloroethane	8.83	117	369382	25.734	ng	95
19) n-Nitroso-di-n-propylamine	8.57	70	670290	28.397	ng	93
20) 3+4-Methylphenols	8.53	107	1135883	32.889	ng	97
22) Acetophenone	8.59	105	1370362	24.948	ng	# 97
24) Nitrobenzene	8.97	77	1011778	26.846	ng	97
25) Isophorone	9.49	82	1864471	32.145	ng	98
26) 2-Nitrophenol	9.67	139	473454	25.981	ng	94
27) 2,4-Dimethylphenol	9.73	122	960038	35.147	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	1155773	28.845	ng	99
29) 2,4-Dichlorophenol	10.20	162	1051355	32.324	ng	99
30) 1,2,4-Trichlorobenzene	10.41	180	1062840	26.327	ng	99
31) Naphthalene	10.60	128	3095230	28.944	ng	99
32) Benzoic acid	9.86	122	483820m	29.246	ng	
33) 4-Chloroaniline	10.73	127	442715	10.512	ng	99
34) Hexachlorobutadiene	10.87	225	637149	24.982	ng	98
35) Caprolactam	11.52	113	301071	27.226	ng	90
36) 4-Chloro-3-methylphenol	11.85	107	1062657	31.142	ng	99
37) 2-Methylnaphthalene	12.22	142	2365118	31.303	ng	99
38) 1-Methylnaphthalene	12.44	142	2240496	30.647	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1222834	26.231	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1026988	40.139	nq	99
43) 2,4,6-Trichlorophenol	12.83	196	841497	29.725	nq	99
44) 2,4,5-Trichlorophenol	12.91	196	885031	29.725	nq	98
46) 1,1'-Biphenyl	13.24	154	3039071	26.108	nq	99
47) 2-Chloronaphthalene	13.28	162	2382591	26.396	nq	100
48) 2-Nitroaniline	13.50	65	651368	29.331	nq	94
49) Acenaphthylene	14.13	152	3850391	29.271	nq	99
50) Dimethylphthalate	13.87	163	3053846	27.893	nq	99
51) 2,6-Dinitrotoluene	14.00	165	635689	27.410	nq	92
52) Acenaphthene	14.47	154	2213355	27.500	nq	98
53) 3-Nitroaniline	14.33	138	493509	21.107	nq	96
54) 2,4-Dinitrophenol	14.53	184	176688	20.008	nq	91
55) Dibenzofuran	14.81	168	3586013	26.965	nq	100
56) 4-Nitrophenol	14.65	139	920392	45.567	nq	95
57) 2,4-Dinitrotoluene	14.78	165	866324	26.401	nq	99
58) Fluorene	15.46	166	2923909	29.515	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.03	232	747992	28.343	nq	97
60) Diethylphthalate	15.23	149	3140386	28.413	nq	99
61) 4-Chlorophenyl-phenylether	15.45	204	1512762	26.495	nq	99
62) 4-Nitroaniline	15.50	138	731772	28.694	nq	97
63) Azobenzene	15.75	77	2470681	27.417	nq	98
65) 4,6-Dinitro-2-methylphenol	15.54	198	162987	12.985	nq	89
66) n-Nitrosodiphenylamine	15.67	169	2586260	27.888	nq	99
67) 4-Bromophenyl-phenylether	16.35	248	909874	27.197	nq	98
68) Hexachlorobenzene	16.45	284	999247	26.680	nq	99
69) Atrazine	16.63	200	960419	28.647	nq	98
70) Pentachlorophenol	16.80	266	979510	39.933	nq	99
71) Phenanthrene	17.20	178	4585613	28.837	nq	100
72) Anthracene	17.29	178	4662494	30.492	nq	100
73) Carbazole	17.57	167	4194869	26.702	nq	99
74) Di-n-butylphthalate	18.12	149	5250403	30.511	nq	99
75) Fluoranthene	19.22	202	5178652	28.247	nq	98
77) Benzidine	19.42	184	1361816	21.143	nq	99
78) Pyrene	19.59	202	5212007	33.707	nq	99
80) Butylbenzylphthalate	20.49	149	2337129	35.421	nq	98
81) Benzo(a)anthracene	21.34	228	4616551	30.040	nq	99
82) 3,3'-Dichlorobenzidine	21.27	252	1089472	18.748	nq	100
83) Chrysene	21.39	228	4266493	28.750	nq	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	3315385	34.797	nq	99
85) Di-n-octyl phthalate	22.15	149	5420734	33.827	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.96	276	4306137	25.164	nq	96
88) Benzo(b)fluoranthene	22.94	252	4028380	30.654	nq	99
89) Benzo(k)fluoranthene	22.99	252	3938027	29.735	nq	99
90) Benzo(a)pyrene	23.54	252	3798817	30.195	nq	98
91) Dibenzo(a,h)anthracene	25.97	278	3615562	28.362	nq	98
92) Benzo(g,h,i)perylene	26.67	276	3567136	28.755	nq	96

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

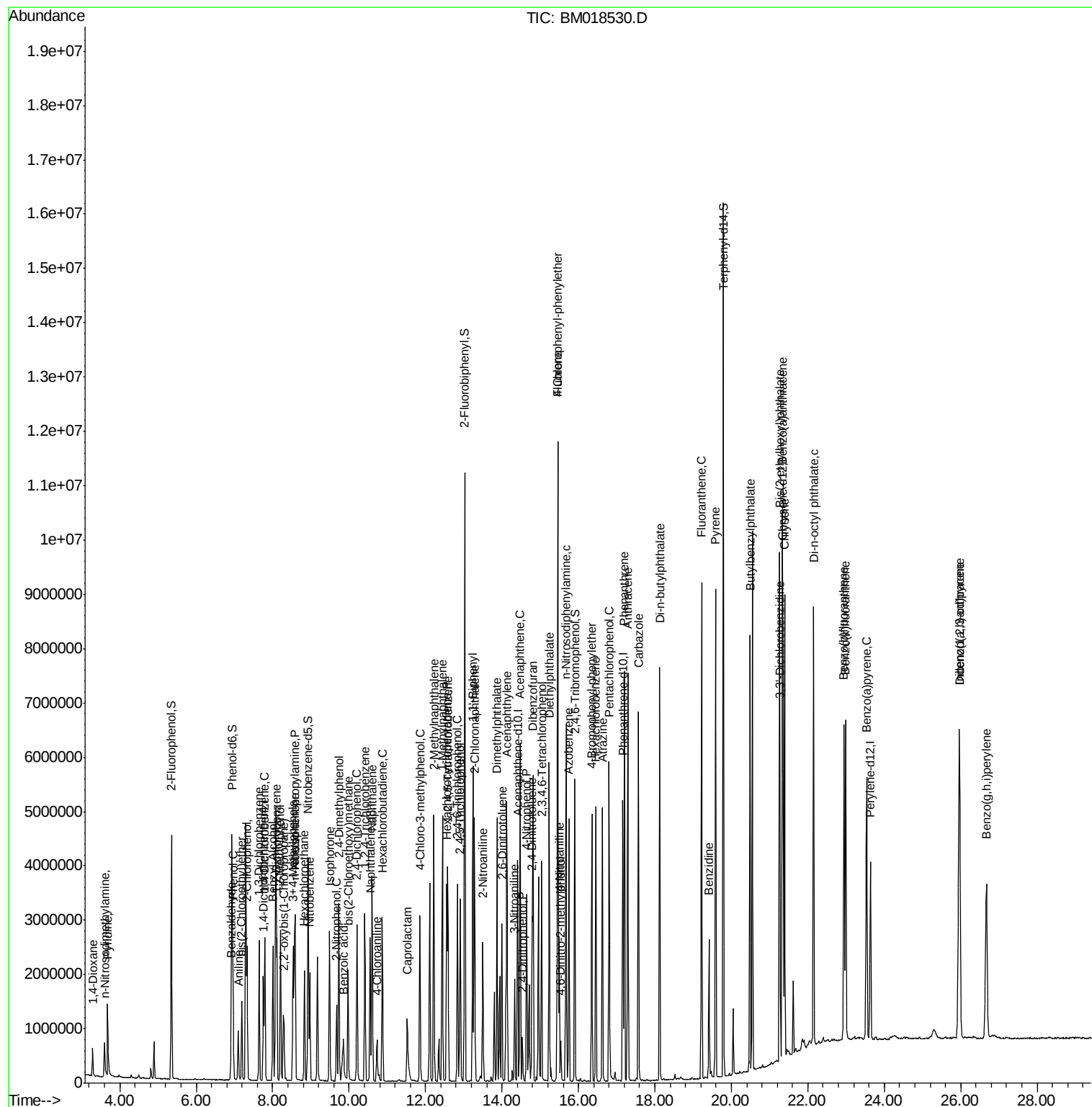
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
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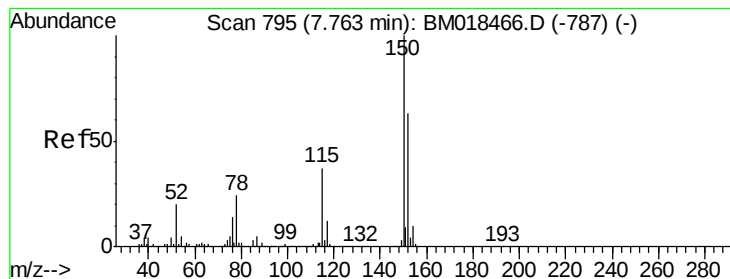
Instrument :
 BNA_M
 ClientSampleId :
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#1

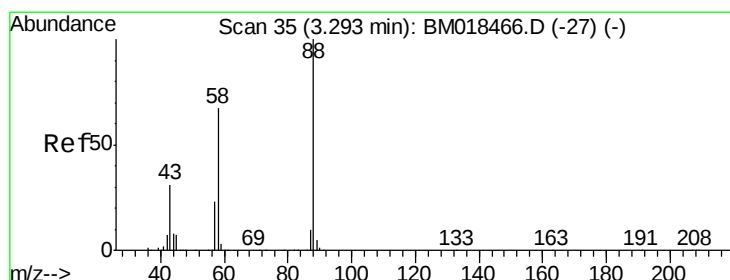
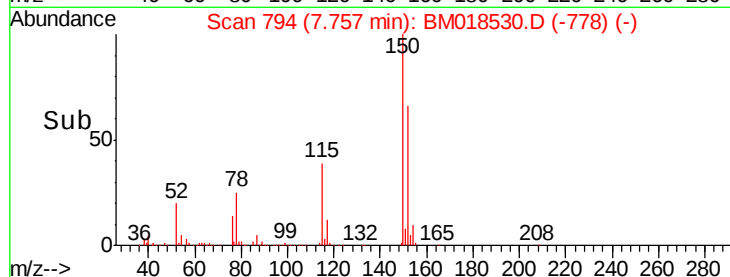
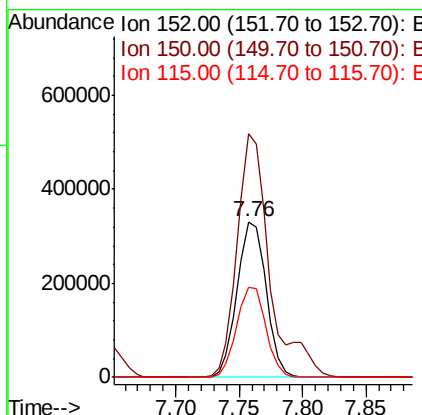
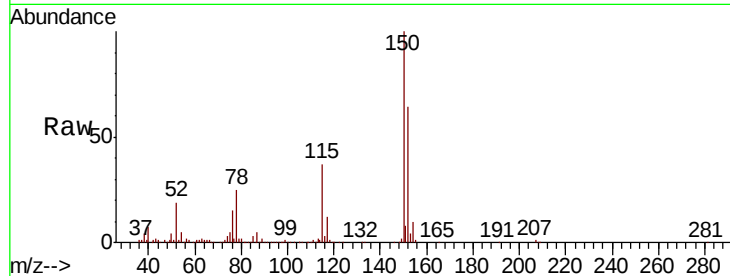
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.9	190.3
115	58.2	45.5	68.3

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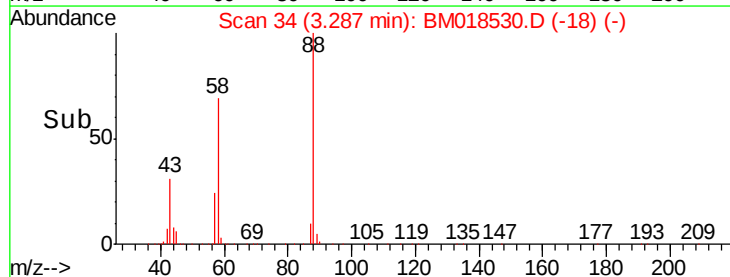
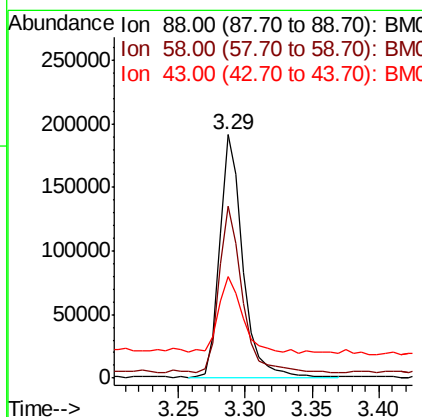
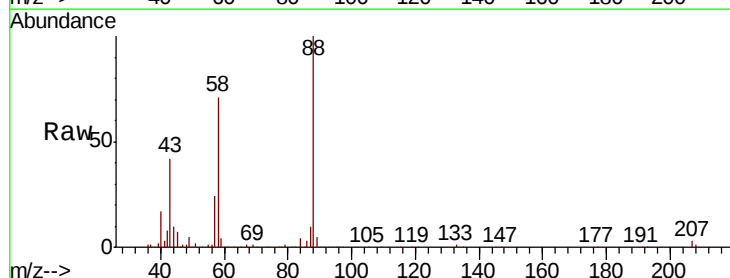
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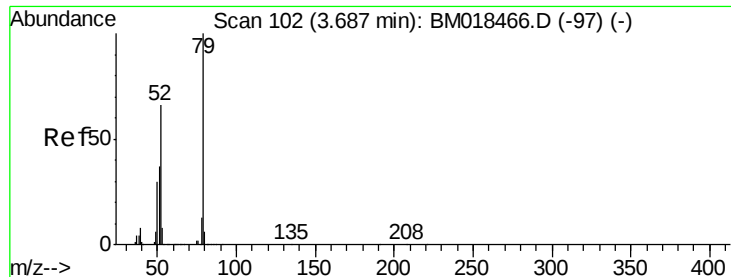


#2

1,4-Dioxane
Concen: 20.030 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	58.4	87.6
43	34.5	26.2	39.4





#3

Pvridine

Concen: 23.705 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

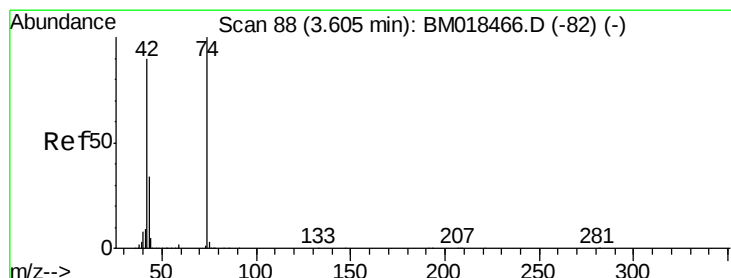
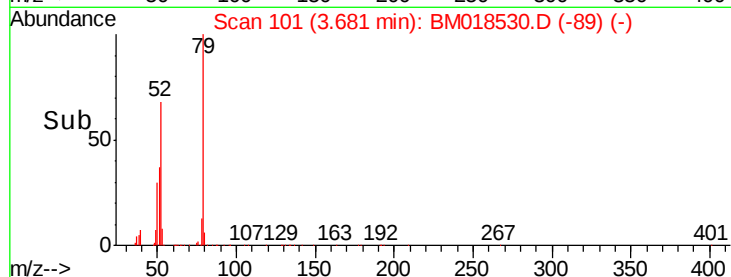
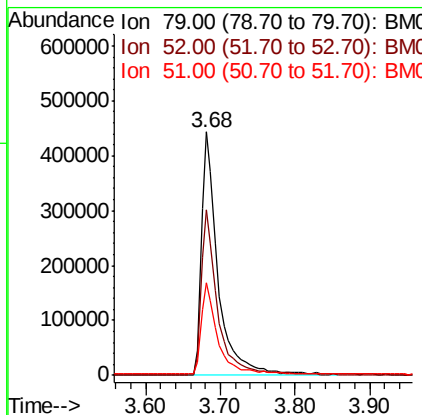
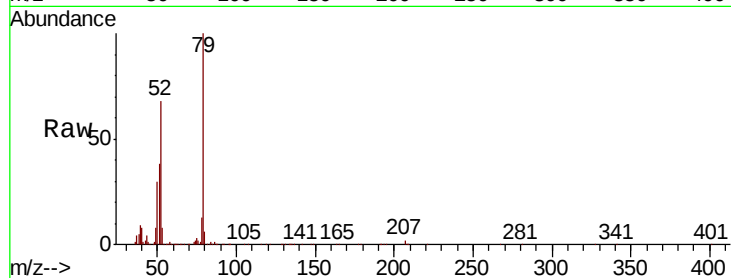
ClientSampleId :

PB116287BS

Tot Ion:	79	Resp:	687862
Ion	Ratio	Lower	Upper
79	100		
52	67.8	56.4	84.6
51	37.8	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 28.933 ng

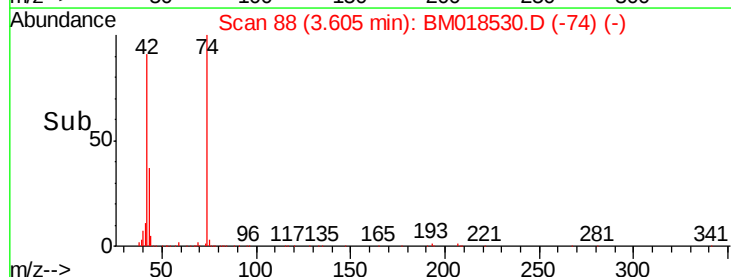
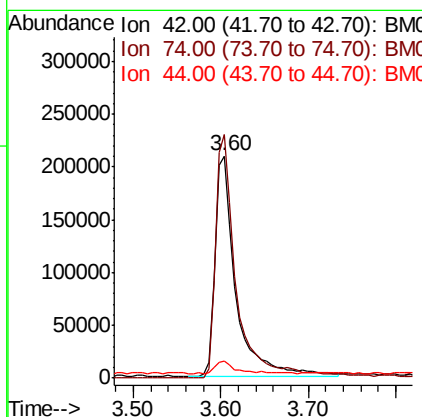
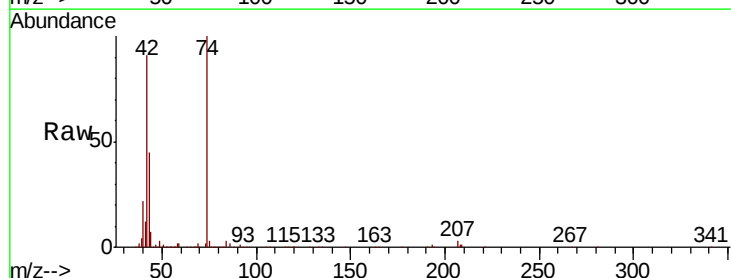
RT: 3.60 min Scan# 88

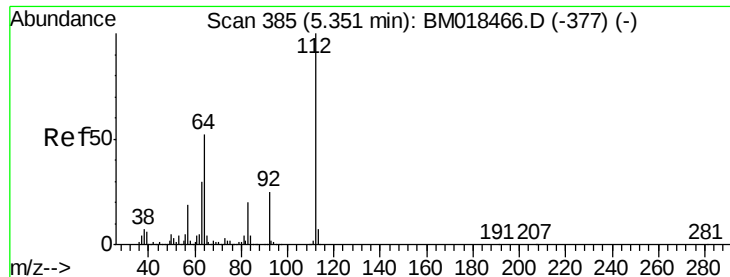
Delta R.T. -0.02 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:	42	Resp:	347175
Ion	Ratio	Lower	Upper
42	100		
74	109.5	88.6	132.8
44	7.5	16.9	25.3





#5

2-Fluorophenol

Concen: 64.655 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

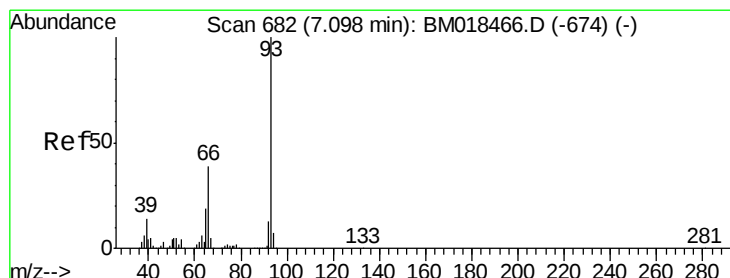
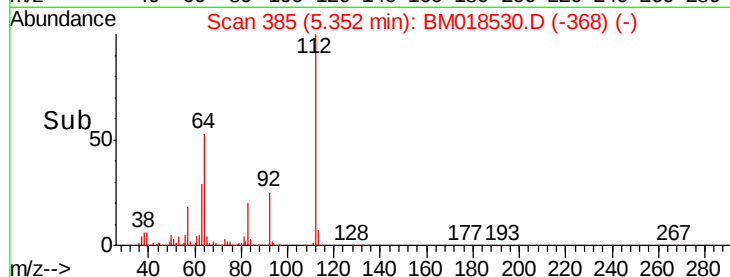
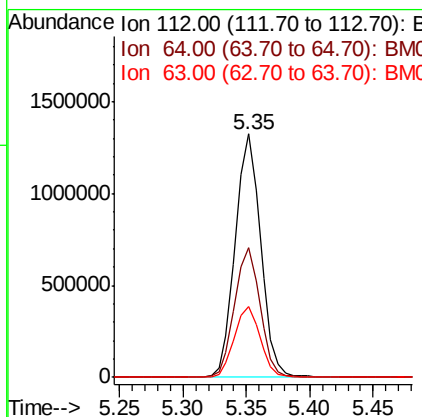
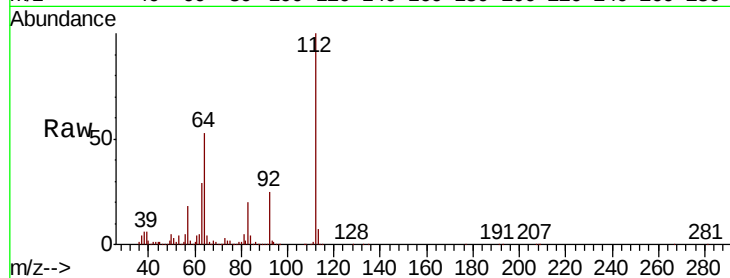
ClientSampleId :

PB116287BS

Tot Ion:	112	Resp:	1846350
Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.5	69.7
63	29.0	25.2	37.8

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#6

Aniline

Concen: 14.025 ng

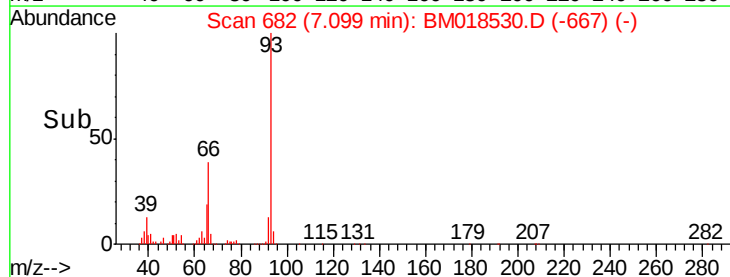
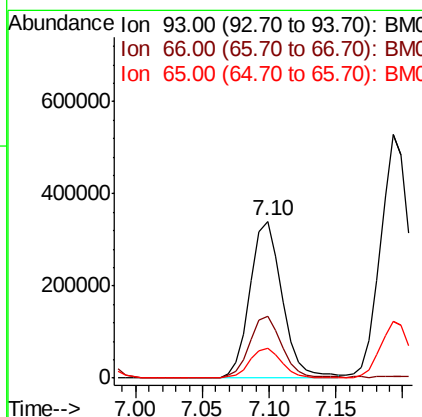
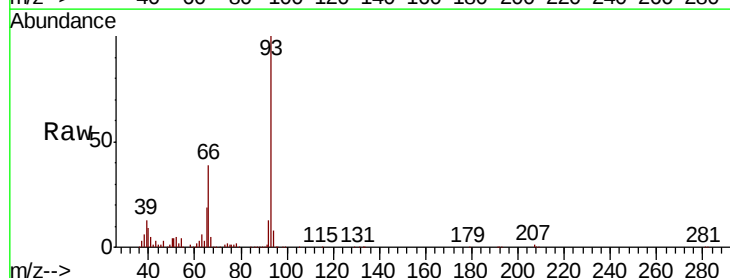
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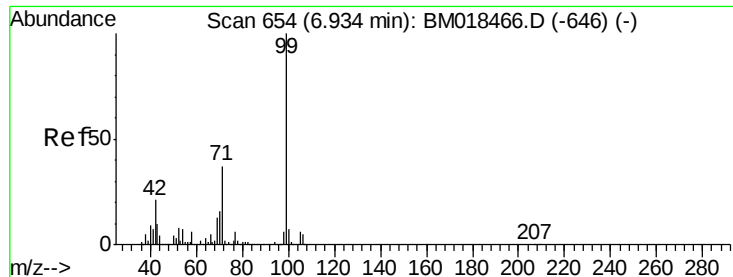
Delta R.T. -0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:	93	Resp:	567455
Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.7	47.5
65	19.4	15.9	23.9





#7

Phenol-d6

Concen: 67.147 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampleId :

PB116287BS

Tot Ion: 99 Resp: 2435475

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

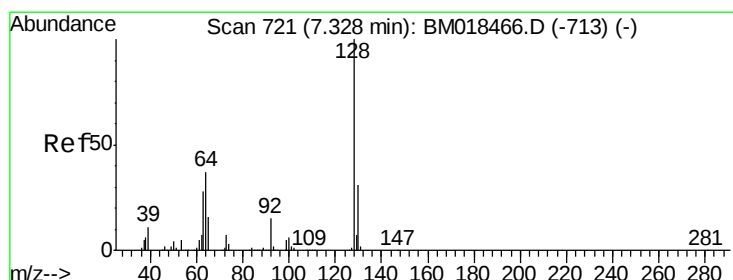
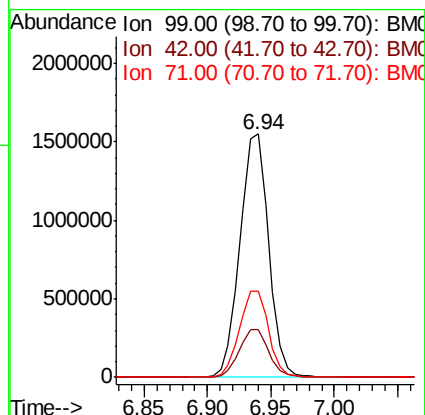
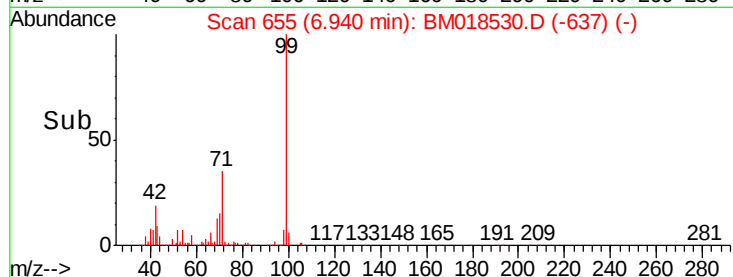
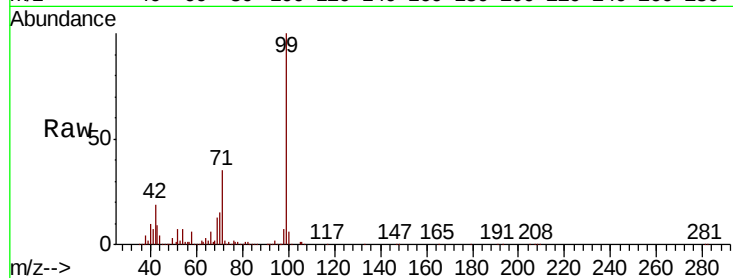
71 35.2 28.0 42.0

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#8

2-Chlorophenol

Concen: 31.470 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

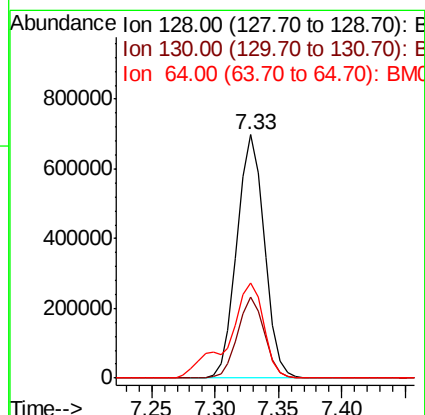
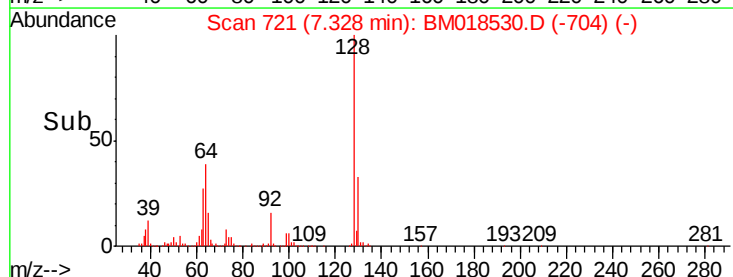
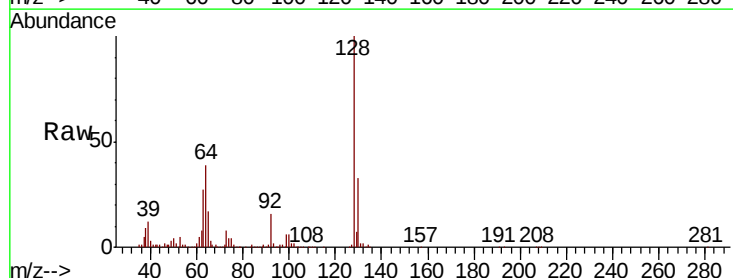
Tgt Ion: 128 Resp: 1049582

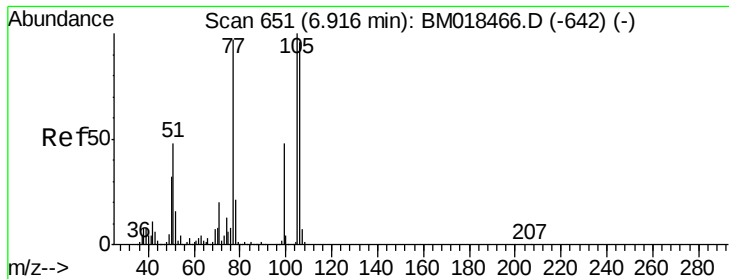
Ion Ratio Lower Upper

128 100

130 33.2 13.6 53.6

64 39.3 24.8 64.8





#9

Benzaldehyde

Concen: 11.635 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

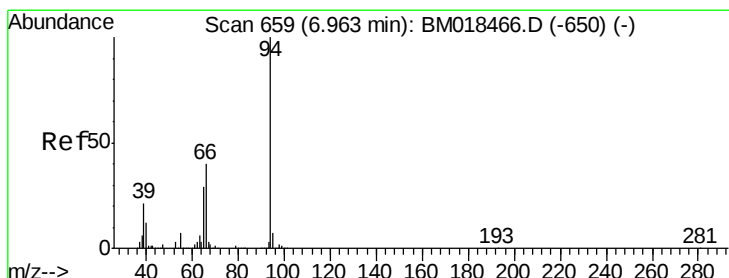
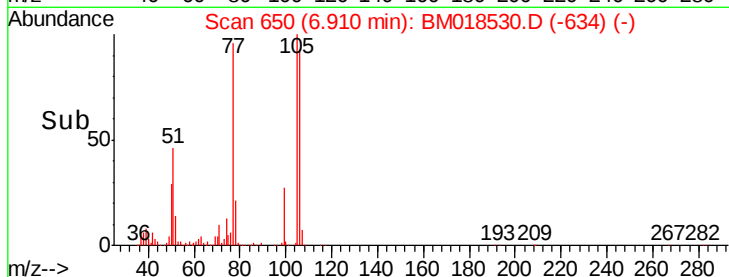
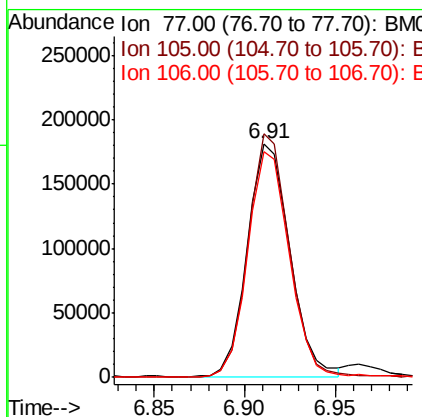
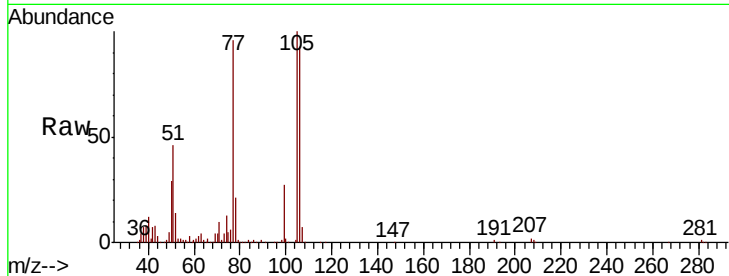
ClientSampled :

PB116287BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	104.3	79.7	119.7	
106	96.8	75.2	115.2	

Manual Integrations
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#10

Phenol

Concen: 31.513 ng

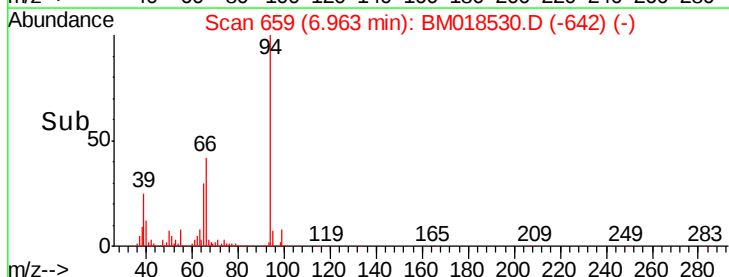
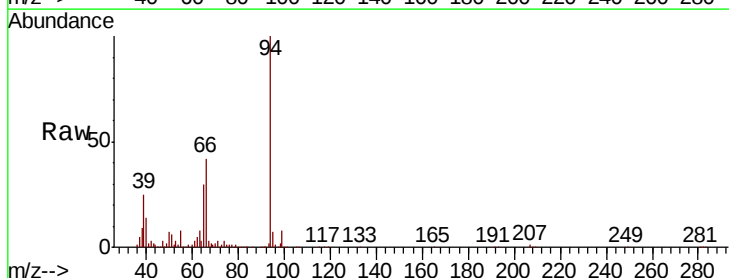
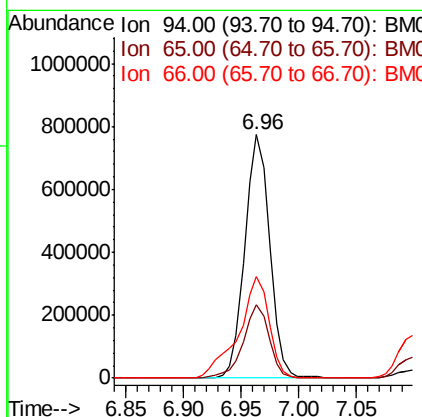
RT: 6.96 min Scan# 659

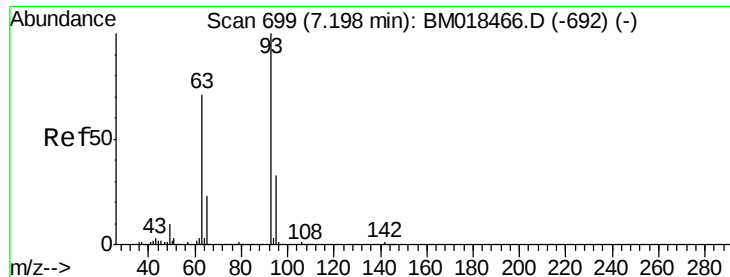
Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	30.2	9.4	49.4	
66	41.5	19.1	59.1	





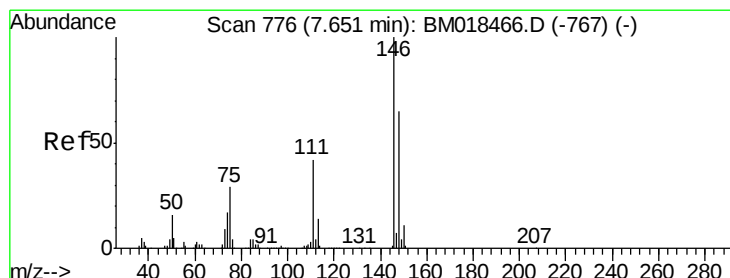
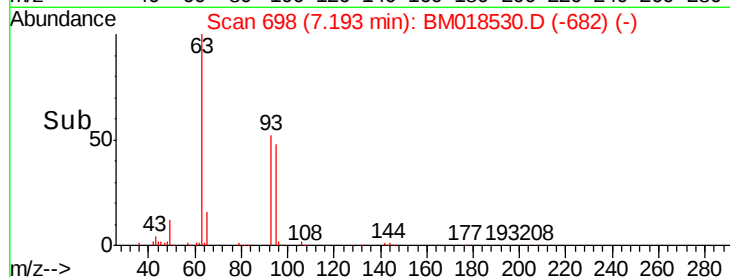
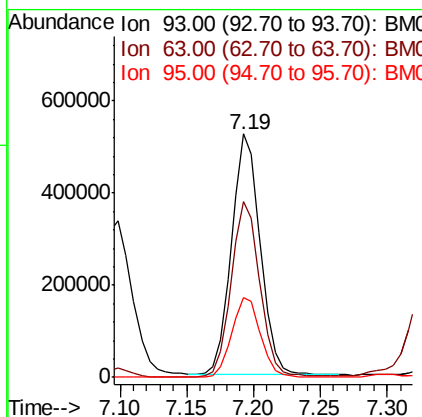
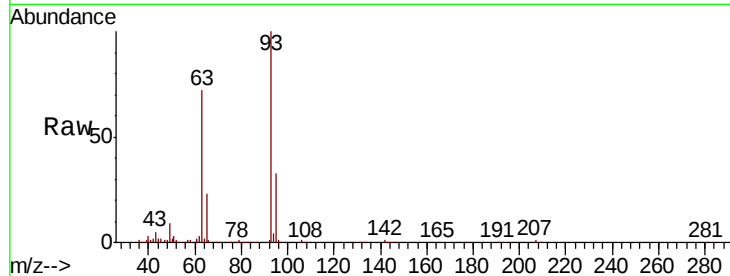
#11
bis(2-Chloroethyl)ether
Concen: 27.171 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	56.4	96.4
95	33.0	12.7	52.7

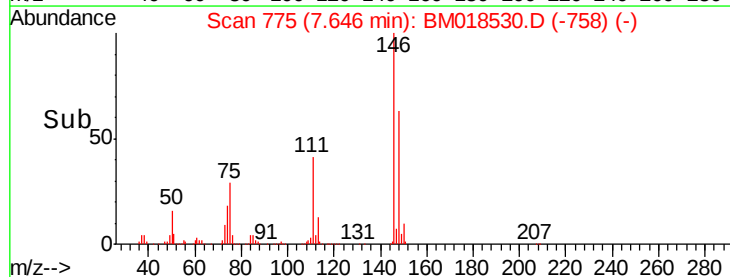
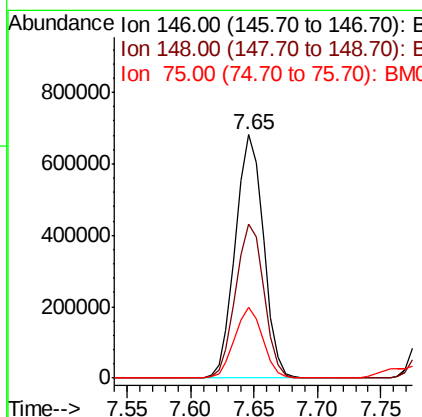
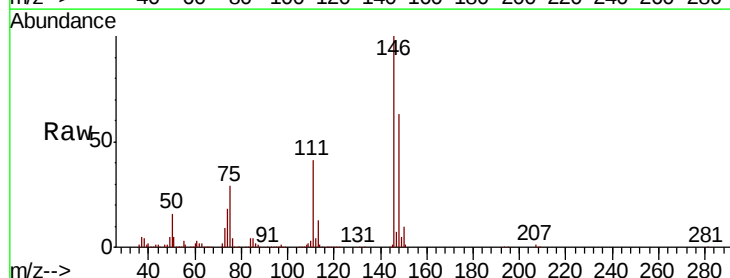
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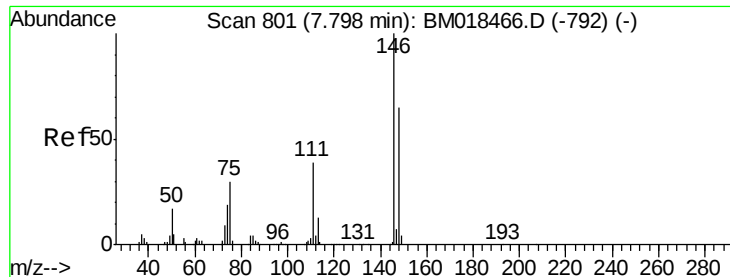
Sohil
1/11/2019 4:41:16 PM



#12
1,3-Dichlorobenzene
Concen: 26.462 ng
RT: 7.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
75	29.2	23.0	34.6





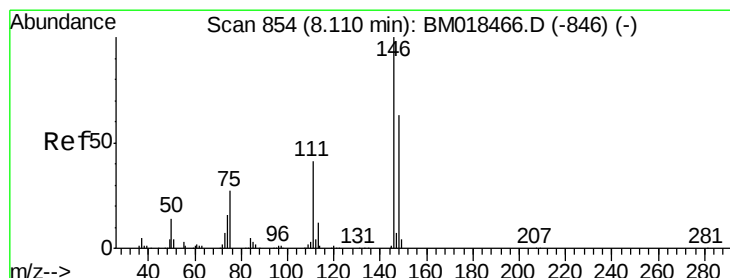
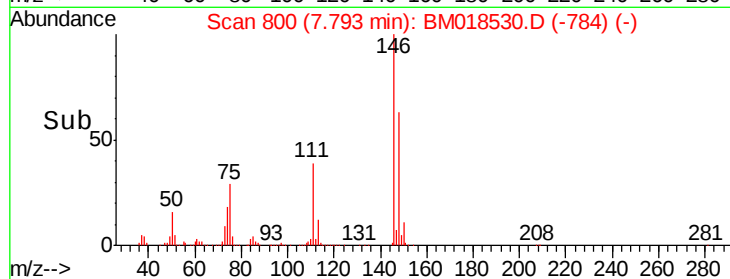
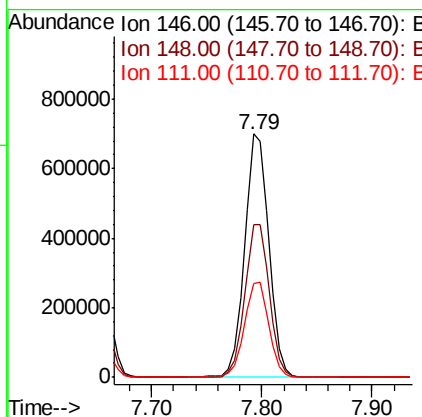
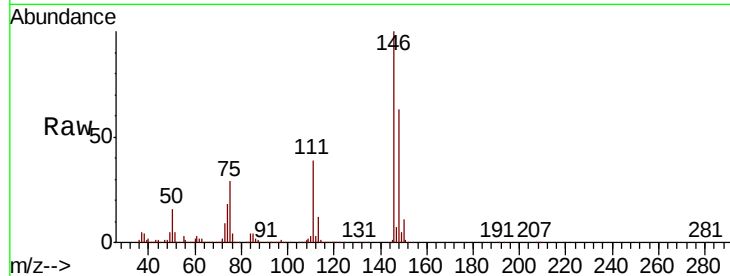
#13
 1,4-Dichlorobenzene
 Concen: 26.672 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	38.7	32.2	48.2

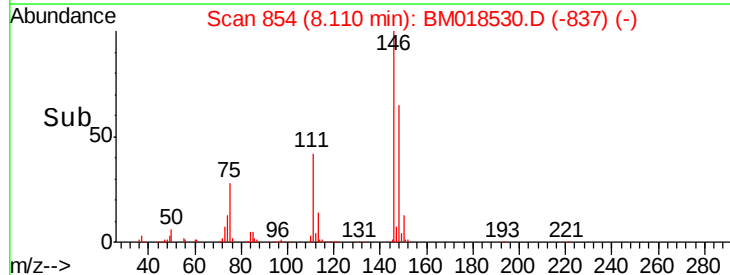
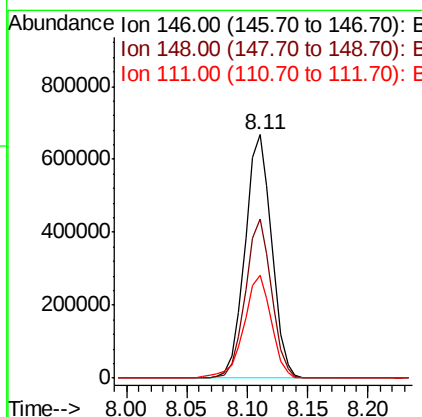
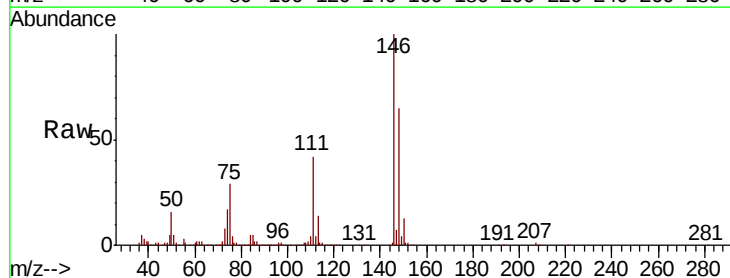
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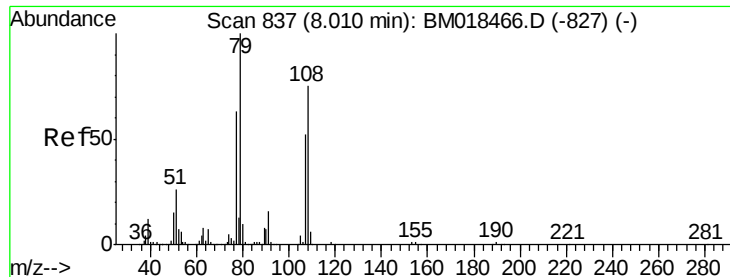
Sohil
 1/11/2019 4:41:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 26.933 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	42.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 31.506 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

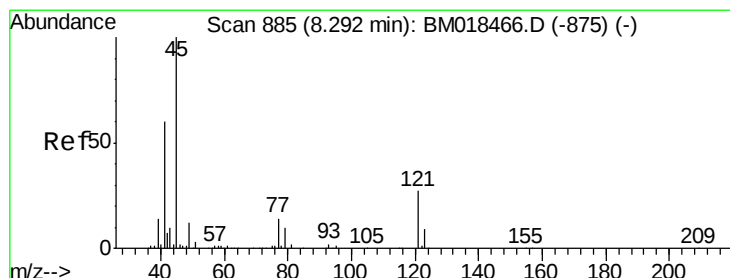
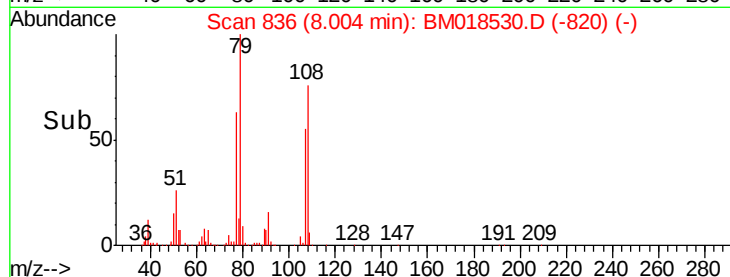
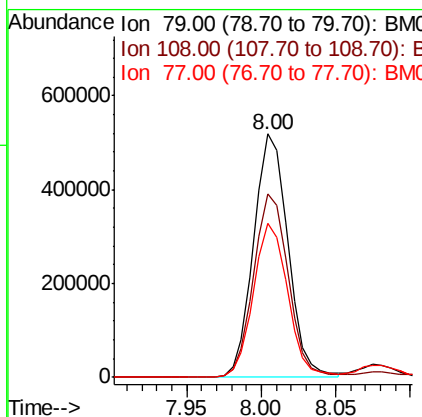
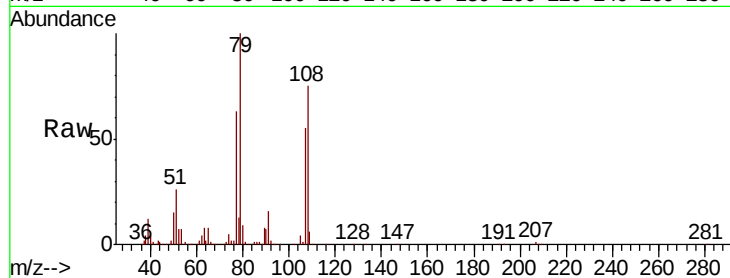
ClientSampleId :

PB116287BS

Tot Ion:	79	Resp:	825366
Ion Ratio	Lower	Upper	
79	100		
108	75.5	60.4	90.6
77	63.4	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.936 ng

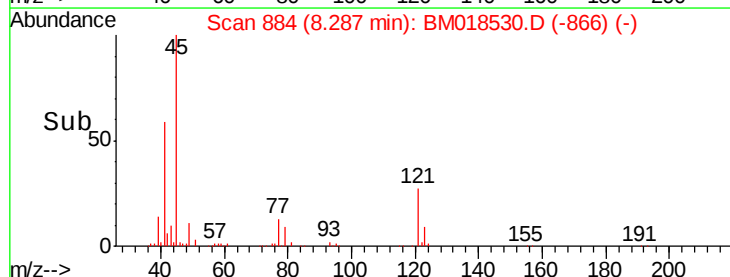
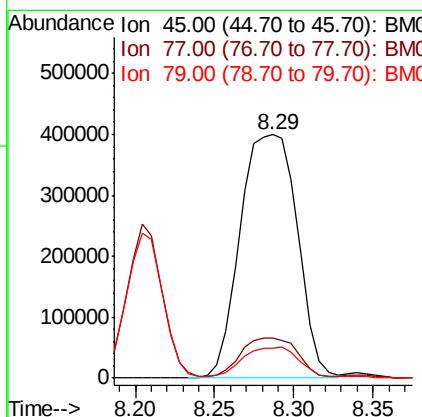
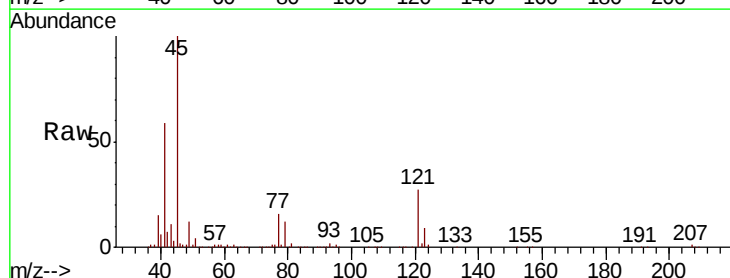
RT: 8.29 min Scan# 884

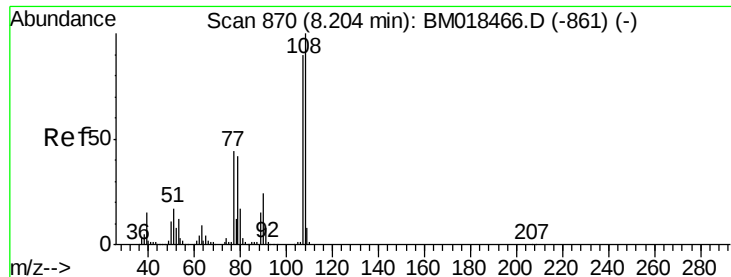
Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:	45	Resp:	996904
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	33.4
79	12.1	0.0	31.1





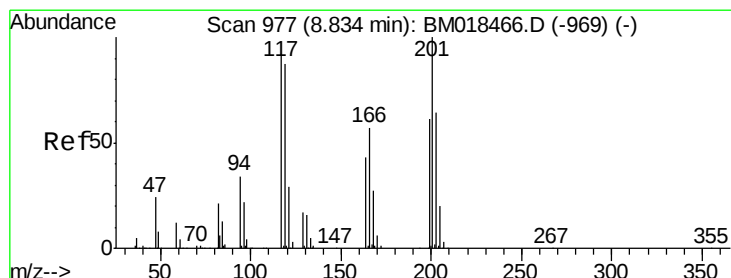
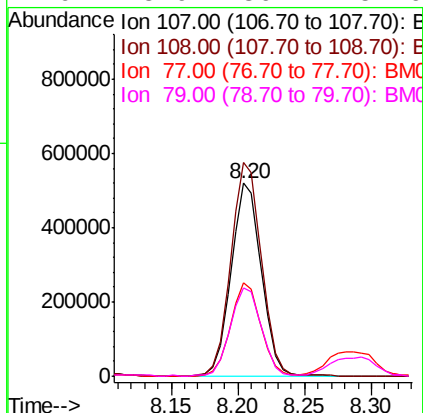
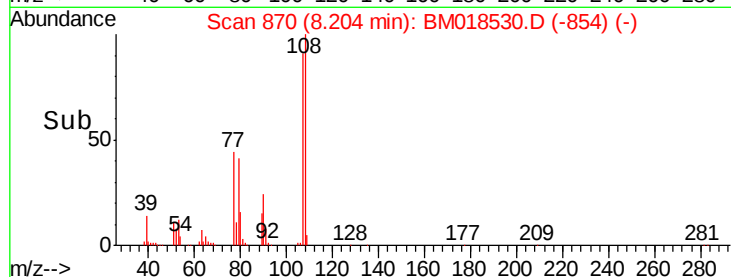
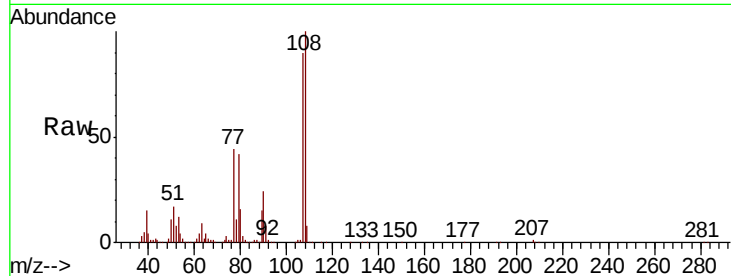
#17
2-Methylphenol
Concen: 32.738 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampled :
PB116287BS

Tot Ion	107	Resp	819037
Ion Ratio	Lower	Upper	
107	100		
108	110.6	87.5	131.3
77	48.5	37.3	55.9
79	45.9	36.4	54.6

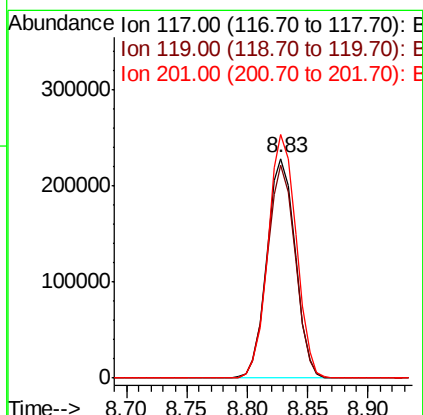
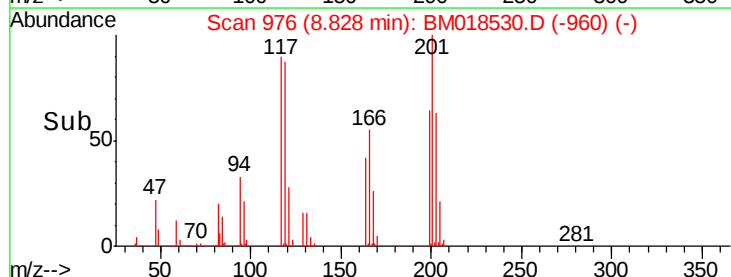
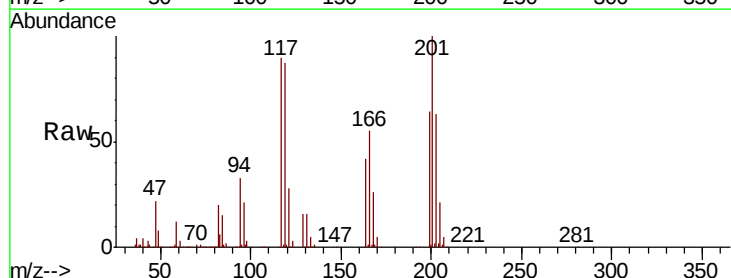
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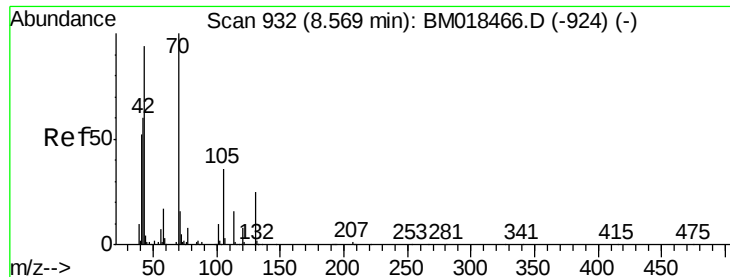
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#18
Hexachloroethane
Concen: 25.734 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	117	Resp	369382
Ion Ratio	Lower	Upper	
117	100		
119	97.1	78.3	117.5
201	111.0	81.4	122.0





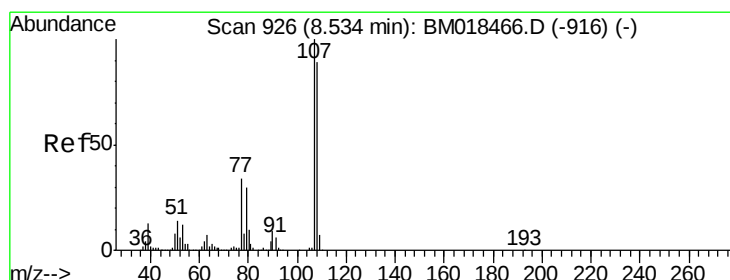
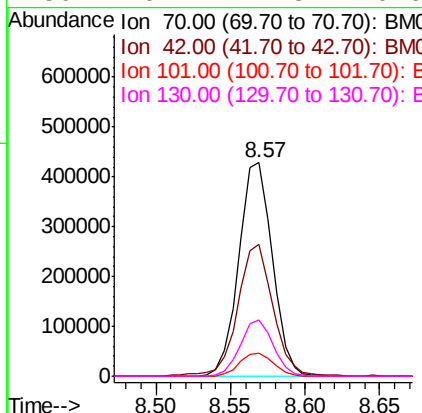
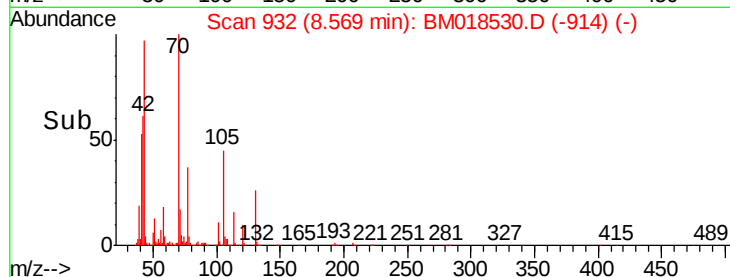
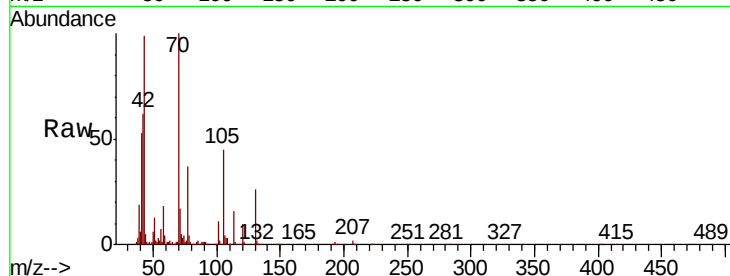
#19
n-Nitroso-di-n-propylamine
Concen: 28.397 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.6	54.0	81.0	
101	10.6	8.1	12.1	
130	26.4	17.8	26.6	

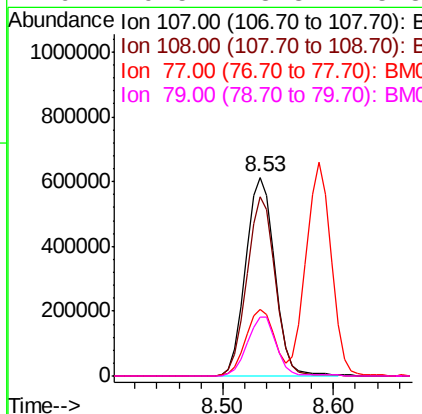
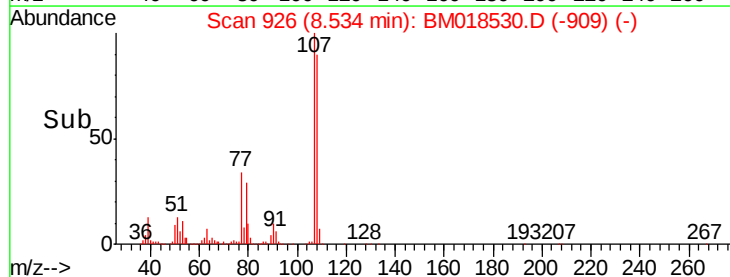
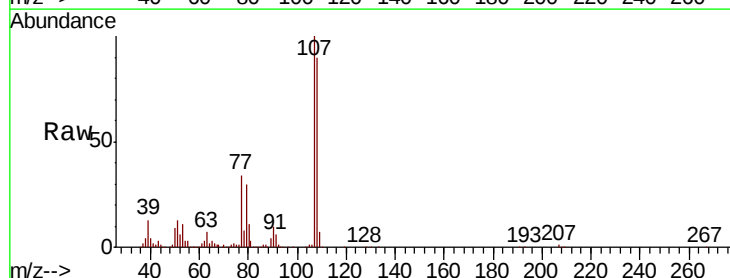
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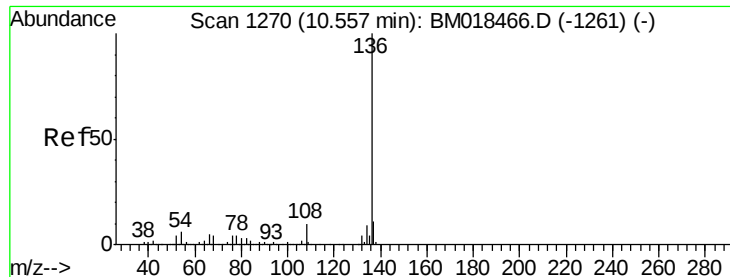
Sohil
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#20
3+4-Methylphenols
Concen: 32.889 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	66.8	106.8	
77	33.7	13.3	53.3	
79	29.5	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampleId :

PB116287BS

Tot Ion:136 Resp: 2220484

Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

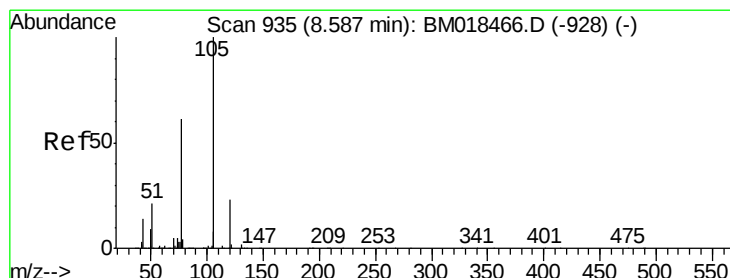
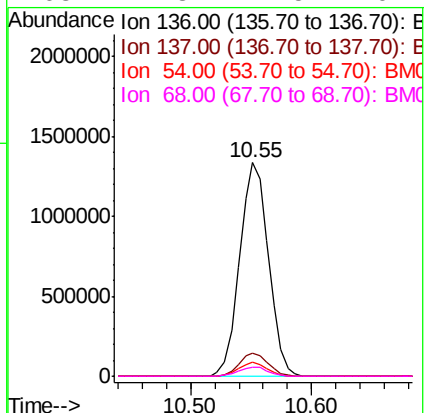
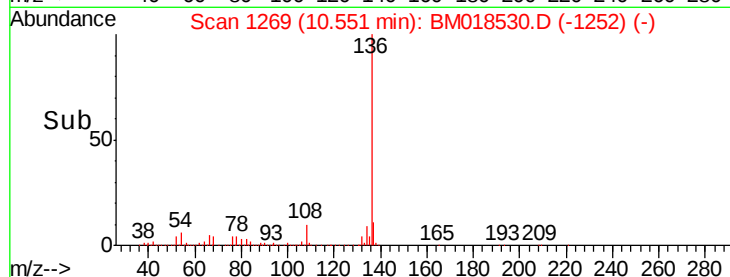
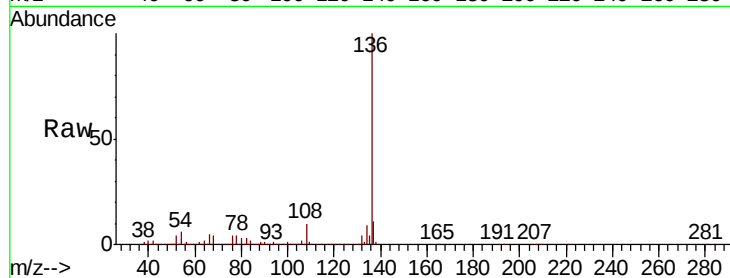
54 6.5 6.0 9.0

68 4.3 4.5 6.7#

Manual Integrations
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#22

Acetophenone

Concen: 24.948 ng

RT: 8.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:105 Resp: 1370362

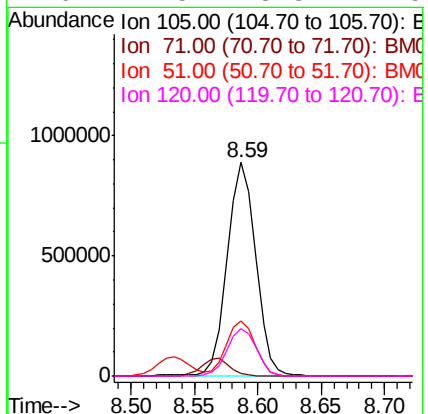
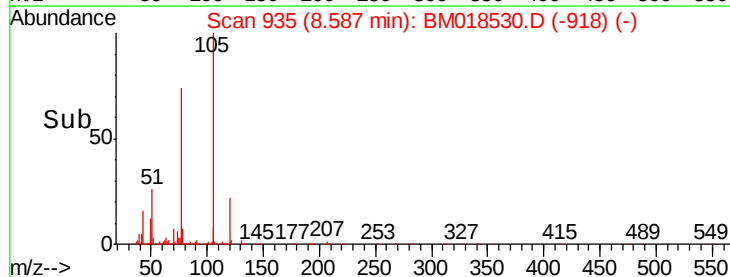
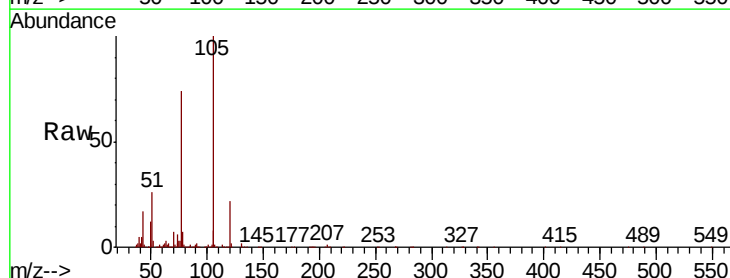
Ion Ratio Lower Upper

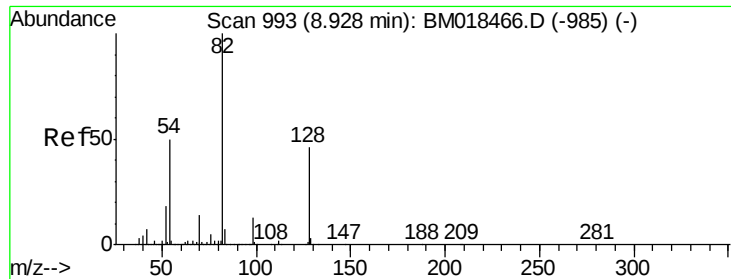
105 100

71 1.1 1.7 2.5#

51 25.7 22.6 34.0

120 22.5 18.3 27.5





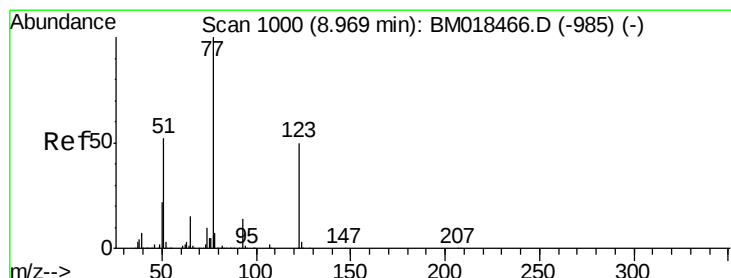
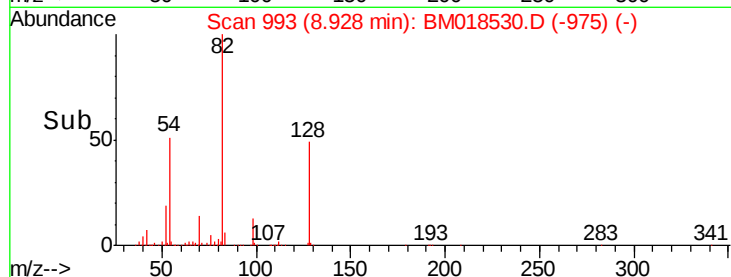
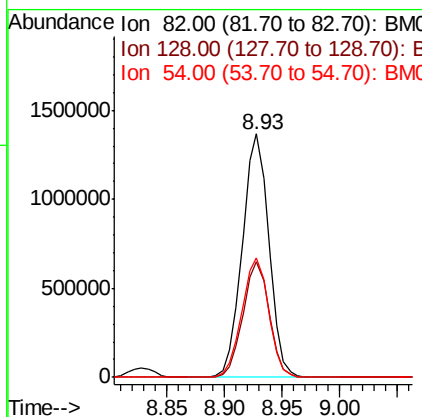
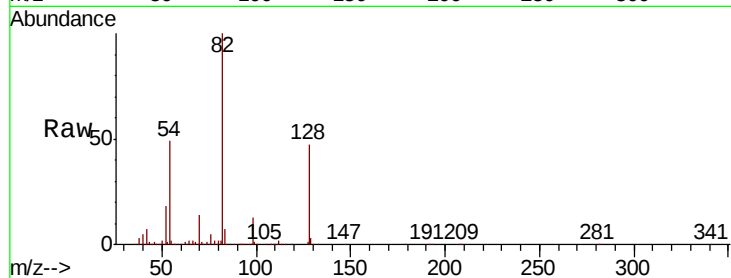
#23
Nitrobenzene-d5
Concen: 57.155 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	82	Resp	2189233
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	49.2	41.7	62.5

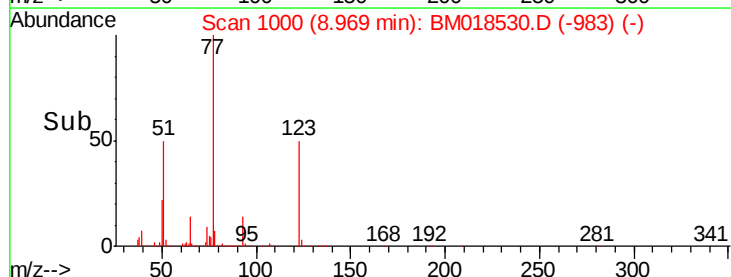
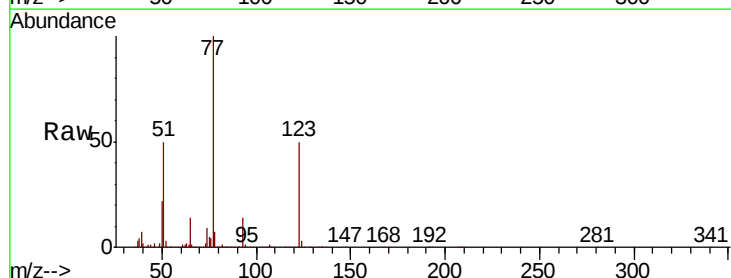
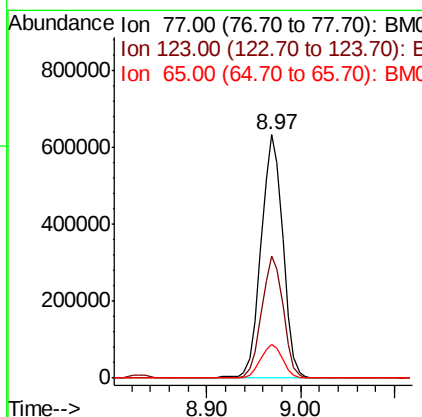
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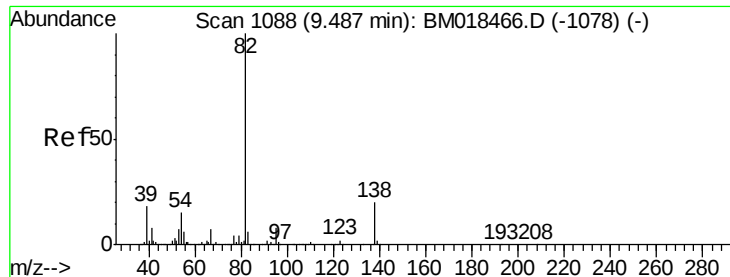
Sohil
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#24
Nitrobenzene
Concen: 26.846 ng
RT: 8.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	77	Resp	1011778
Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.7	56.5
65	14.1	11.0	16.6





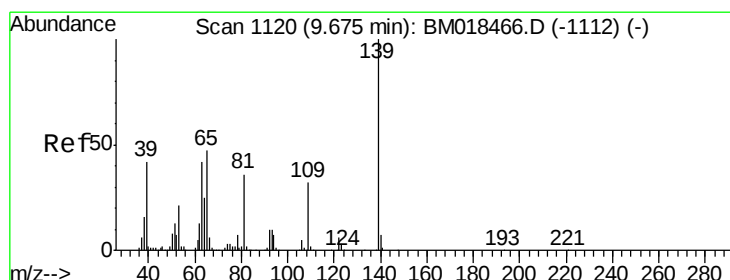
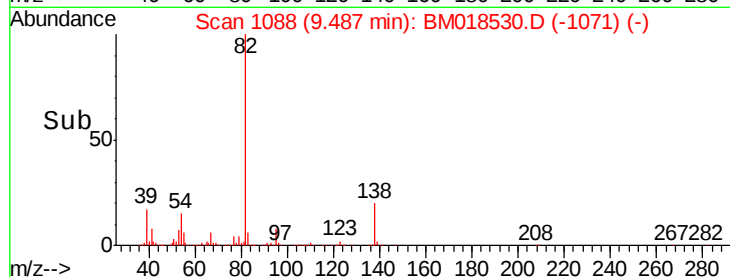
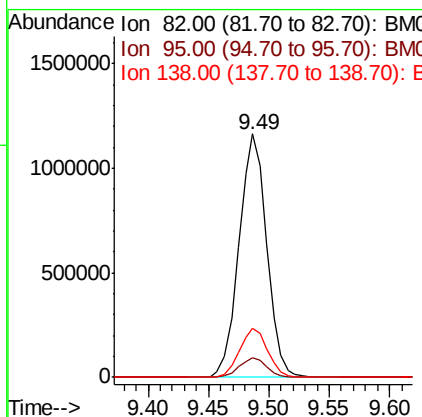
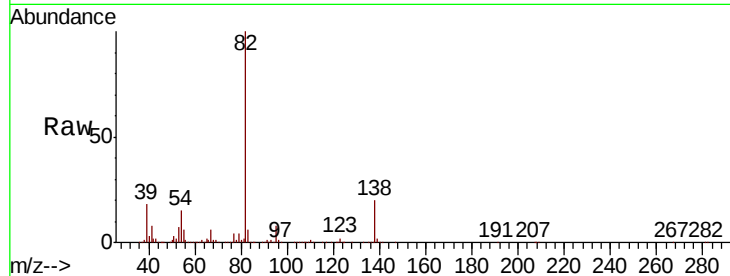
#25
Isophorone
Concen: 32.145 ng
RT: 9.49 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	19.9	15.1	22.7

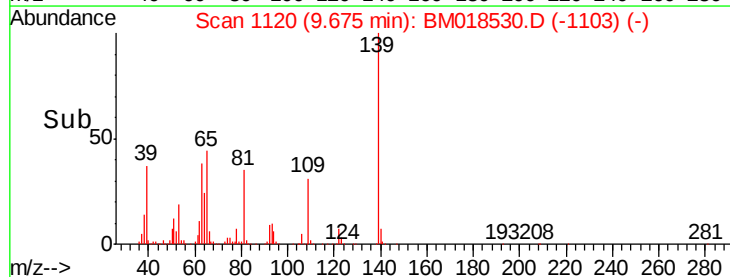
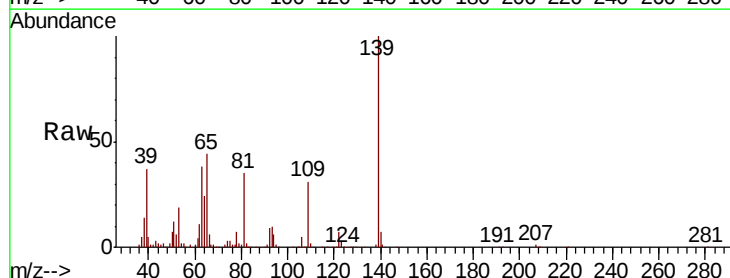
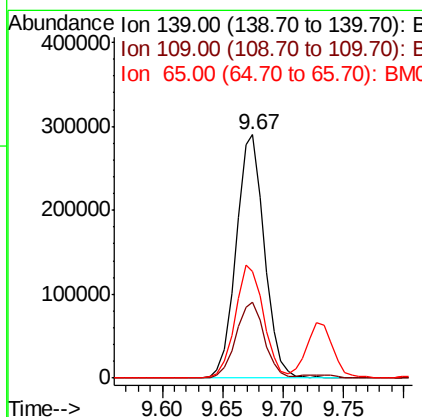
Manual Integrations
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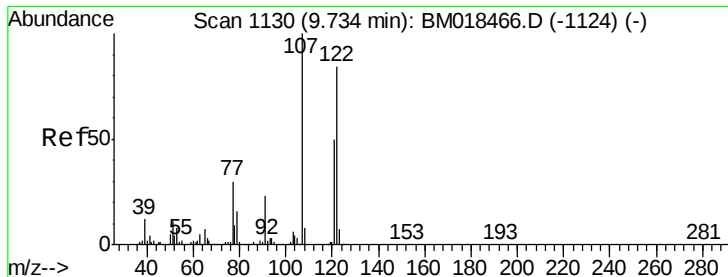
Sohil
1/11/2019 4:41:16 PM



#26
2-Nitrophenol
Concen: 25.981 ng
RT: 9.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.1	23.4	35.2
65	44.0	39.4	59.2





#27

2,4-Dimethylphenol

Concen: 35.147 ng

RT: 9.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

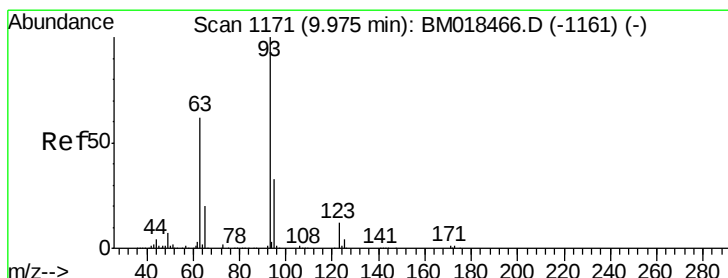
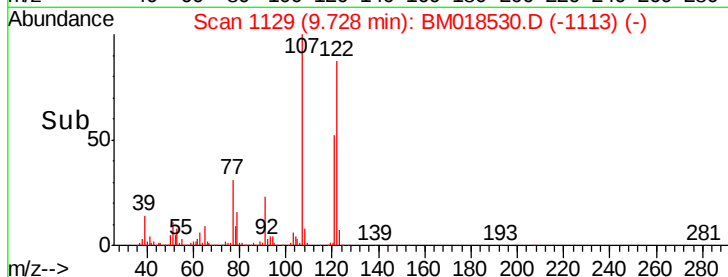
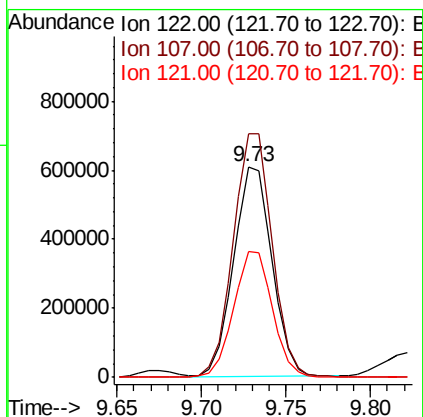
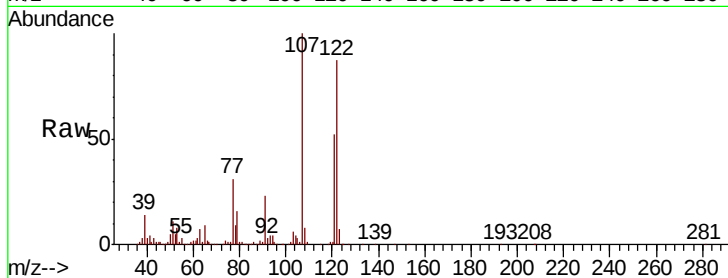
ClientSampleId :

PB116287BS

Tot Ion:	122	Resp:	960038
Ion Ratio	Lower	Upper	
122	100		
107	115.4	91.9	137.9
121	59.8	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 28.845 ng

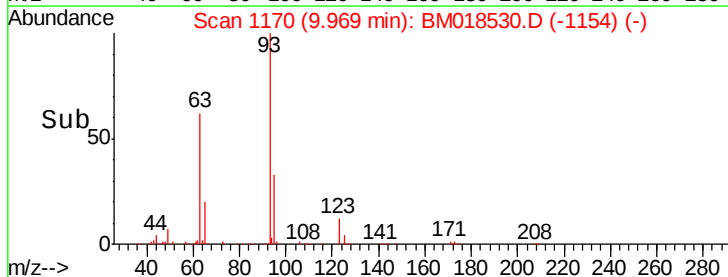
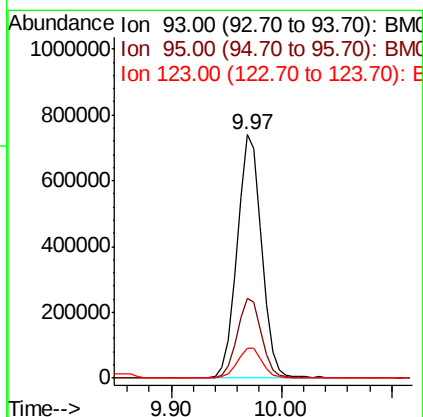
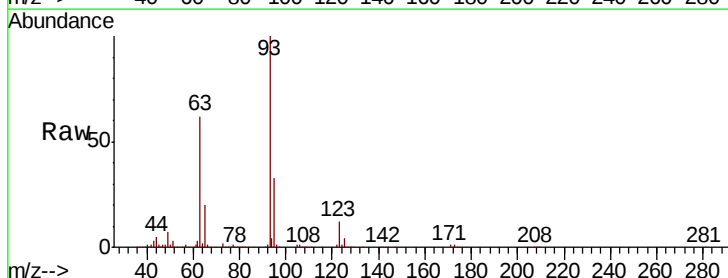
RT: 9.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:	93	Resp:	1155773
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	39.8
123	12.5	9.9	14.9





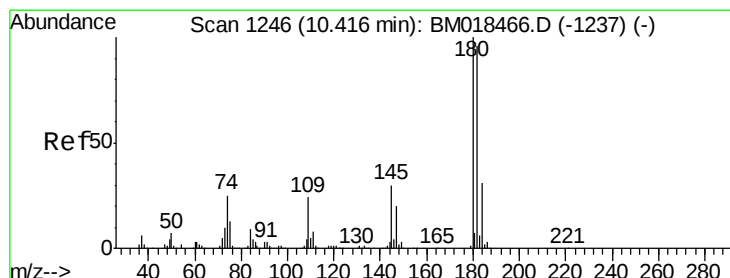
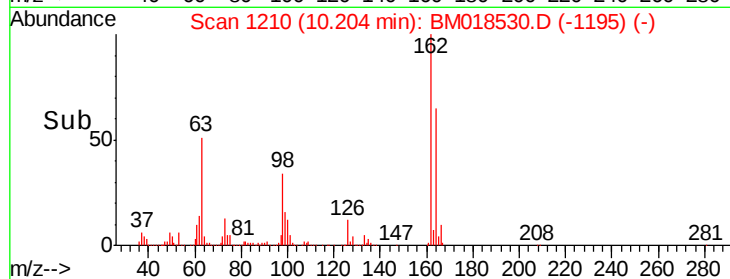
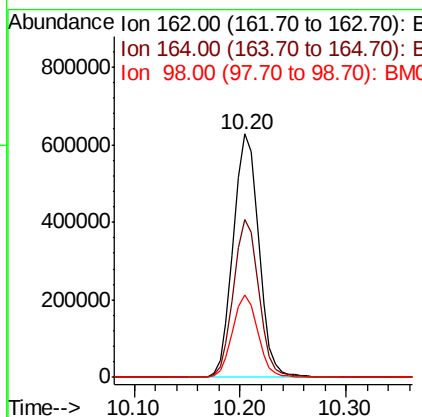
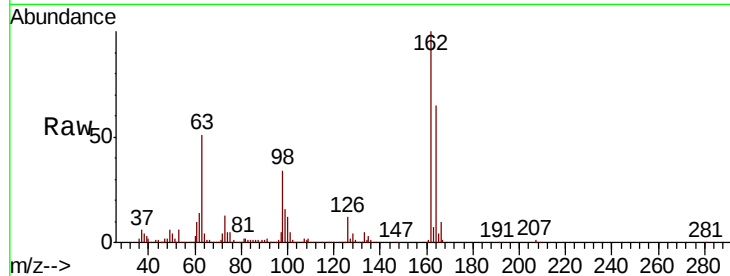
#29
 2,4-Dichlorophenol
 Concen: 32.324 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.6	85.6
98	33.8	14.7	54.7

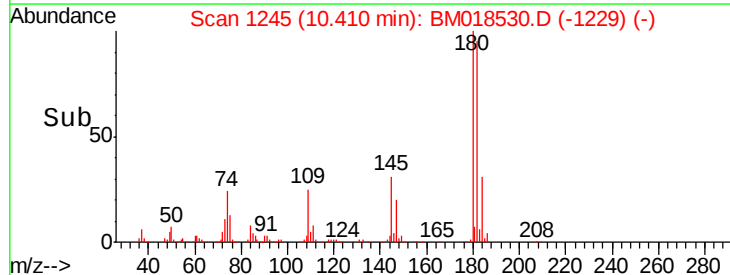
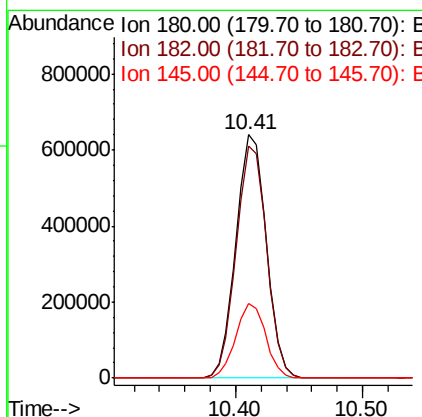
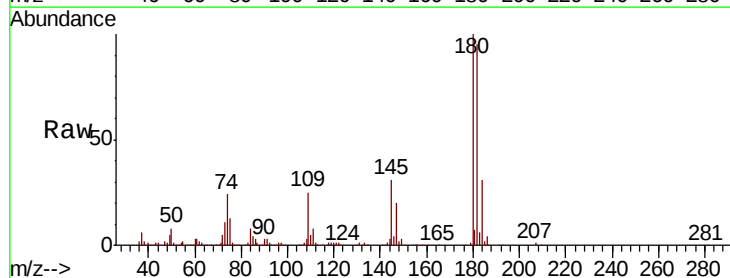
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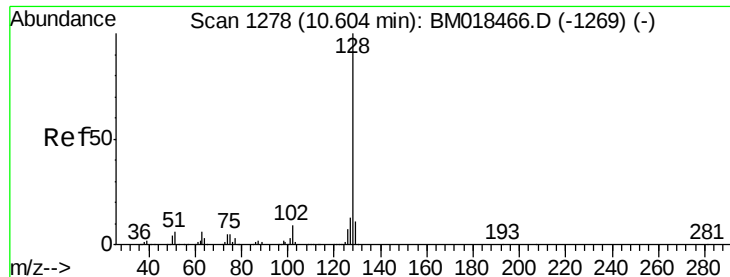
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#30
 1,2,4-Trichlorobenzene
 Concen: 26.327 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.4	116.2
145	30.6	24.6	37.0





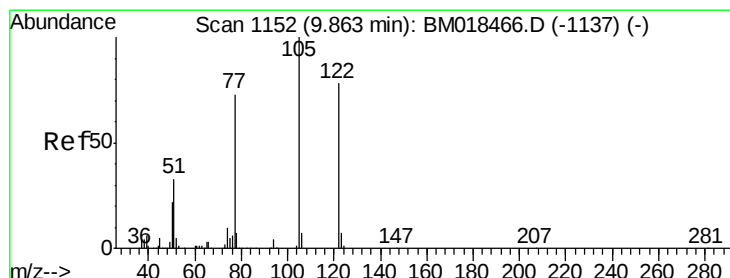
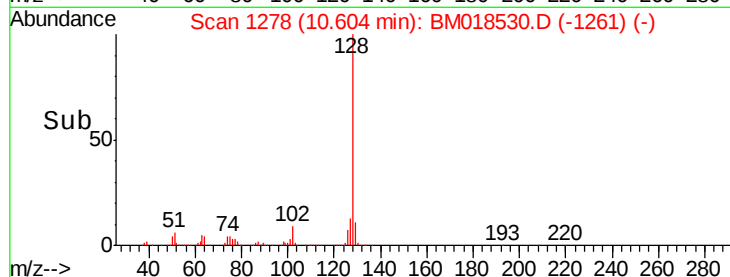
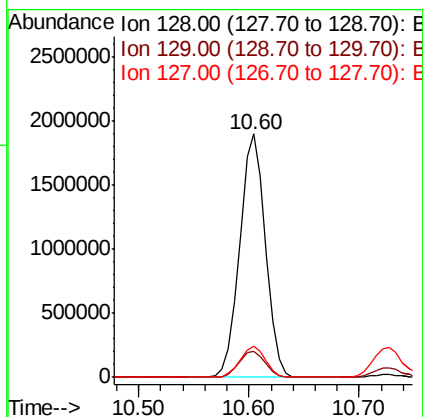
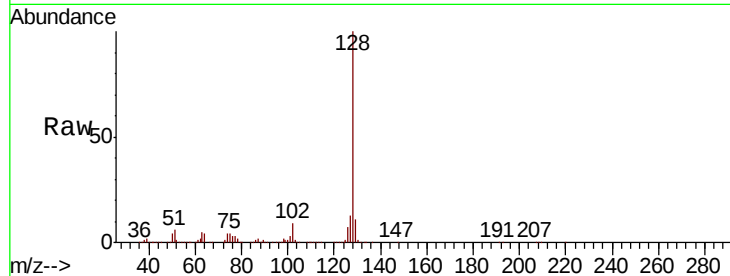
#31
Naphthalene
Concen: 28.944 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampled :
PB116287BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.8	16.2

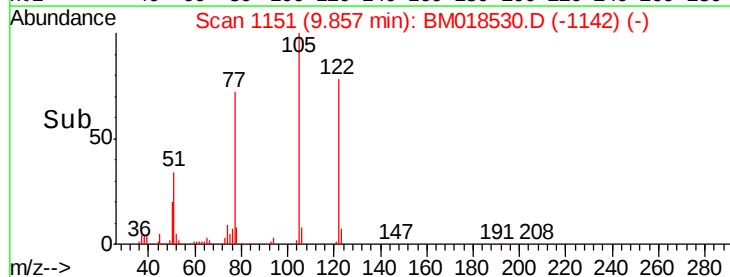
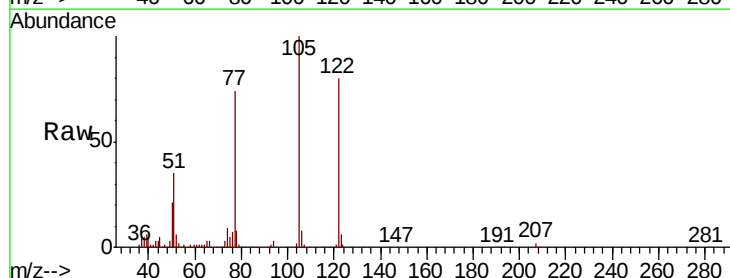
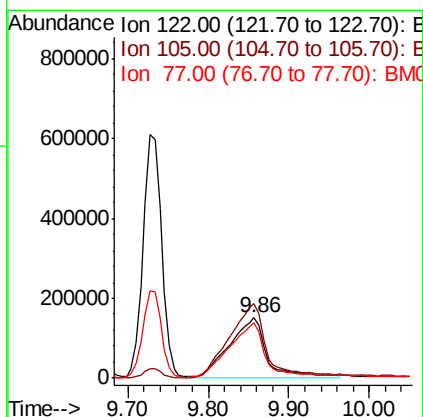
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#32
Benzoic acid
Concen: 29.246 ng m
RT: 9.86 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	100.4	140.4
77	92.2	71.7	111.7





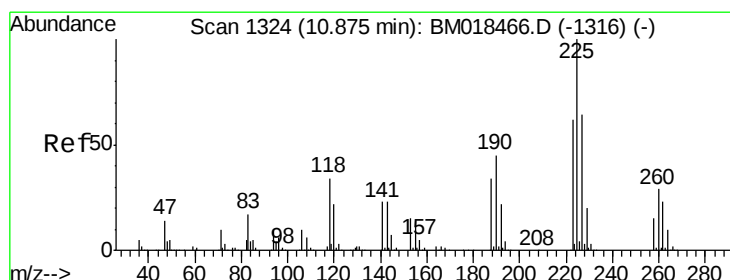
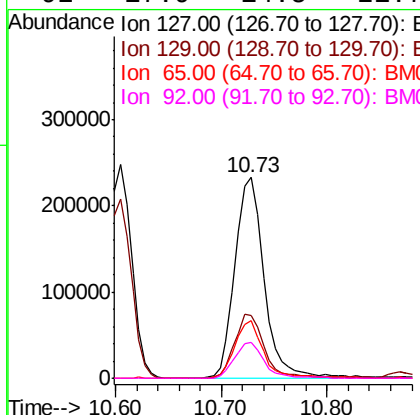
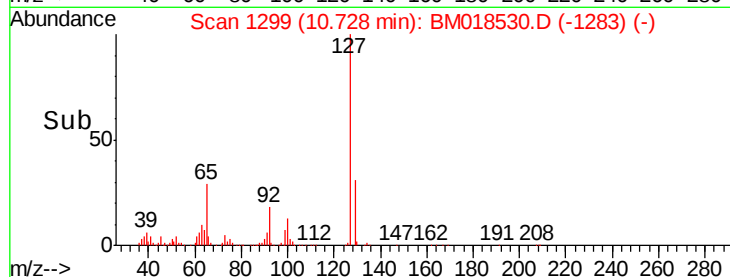
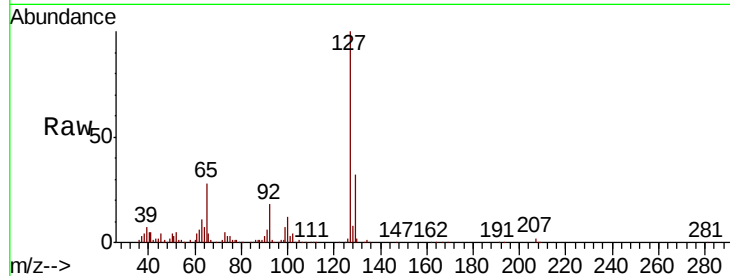
#33
4-Chloroaniline
Concen: 10.512 ng
RT: 10.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.9	38.9		
65	28.5	23.4	35.2		
92	17.9	14.5	21.7		

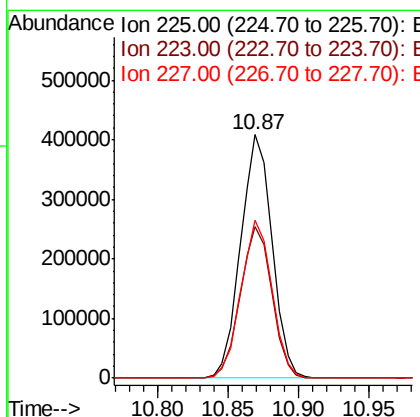
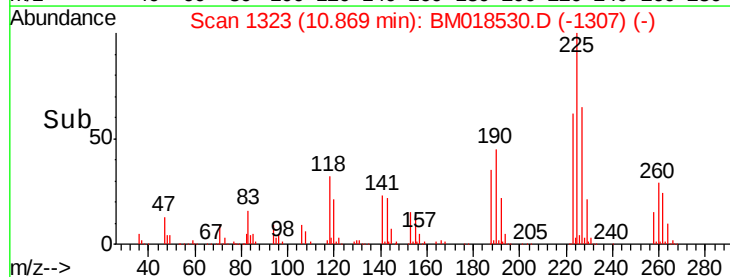
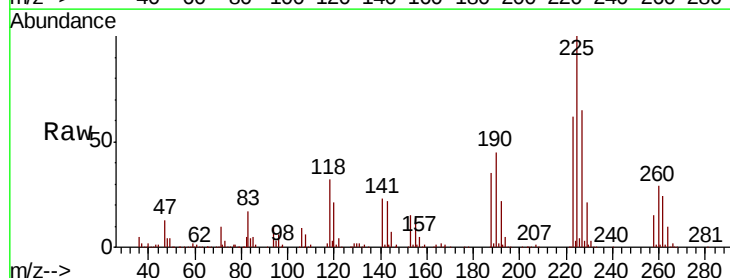
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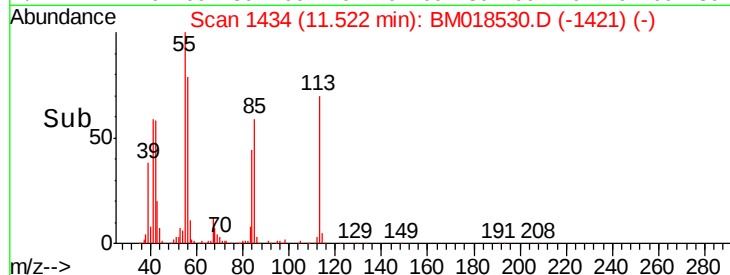
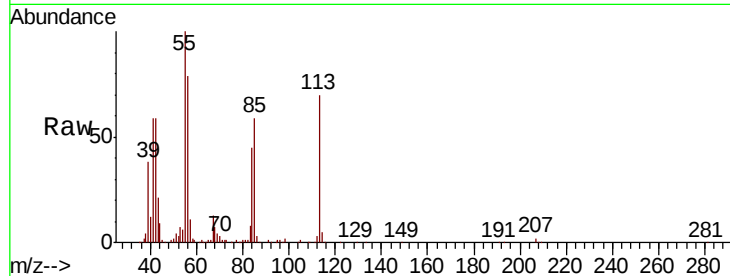
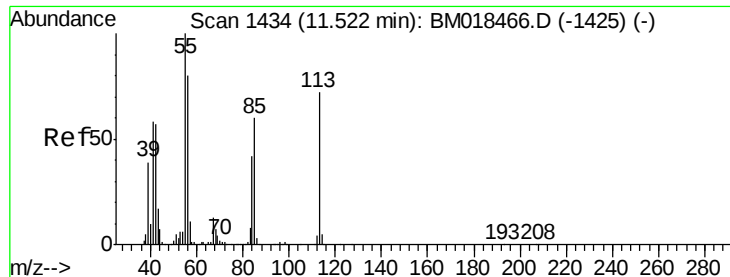
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#34
Hexachlorobutadiene
Concen: 24.982 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.8	76.2		
227	64.7	50.4	75.6		





#35

Caprolactam

Concen: 27.226 ng

RT: 11.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

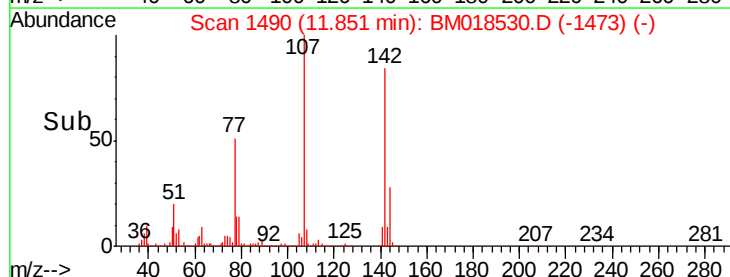
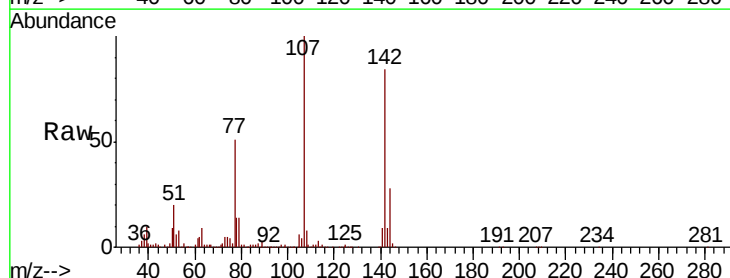
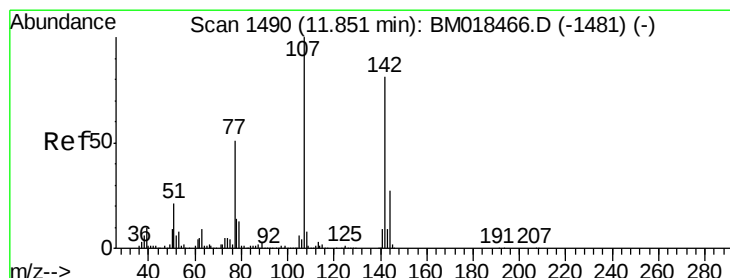
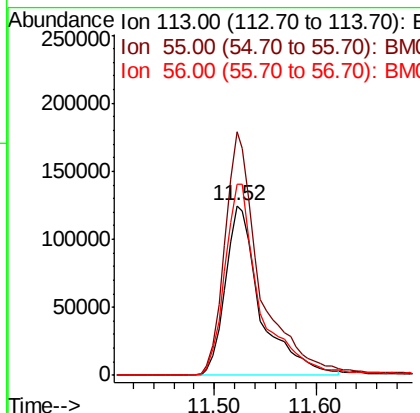
ClientSampleId :

PB116287BS

Tot Ion:	113	Resp:	301071
Ion Ratio	Lower	Upper	
113	100		
55	143.5	139.3	179.3
56	112.9	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 31.142 ng

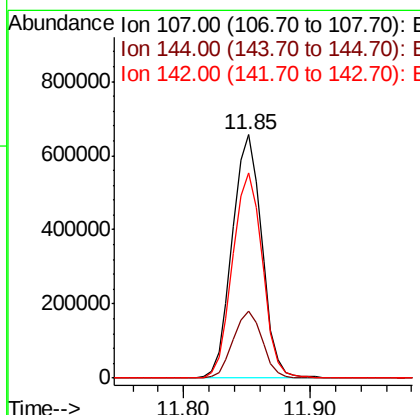
RT: 11.85 min Scan# 1490

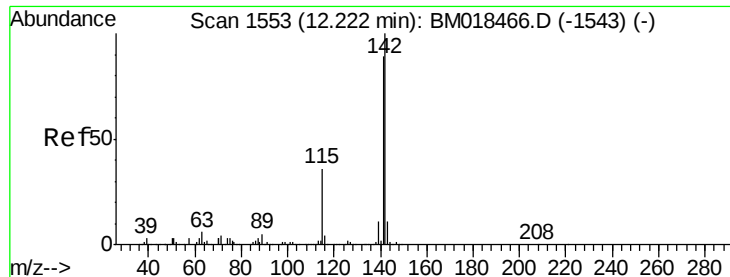
Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:	107	Resp:	1062657
Ion Ratio	Lower	Upper	
107	100		
144	27.6	21.9	32.9
142	84.4	67.9	101.9





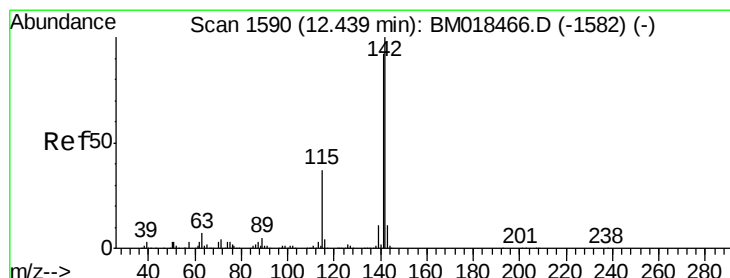
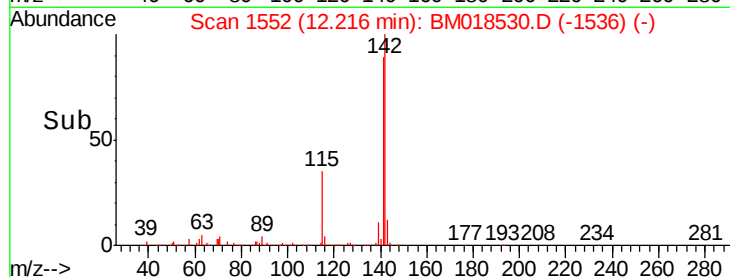
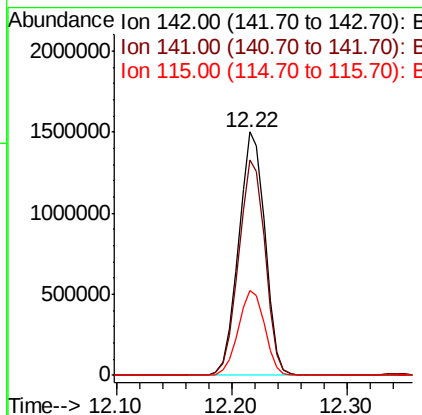
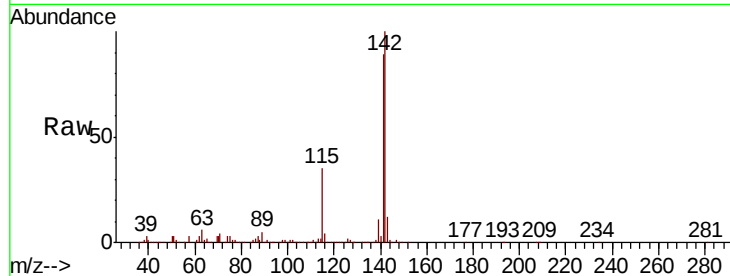
#37
2-Methylnaphthalene
Concen: 31.303 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.9	28.0	42.0

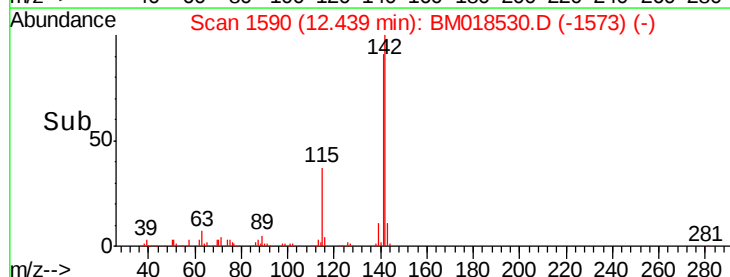
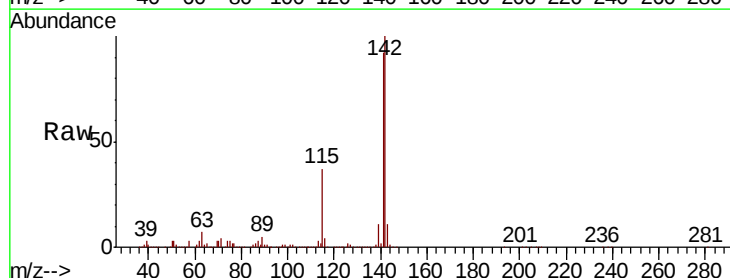
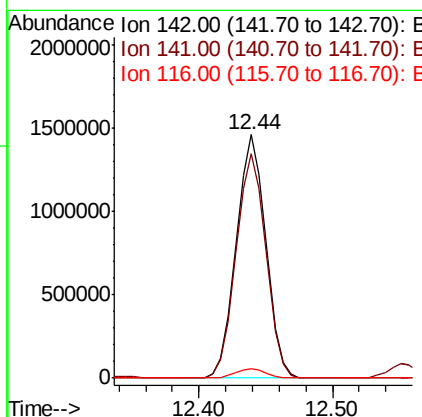
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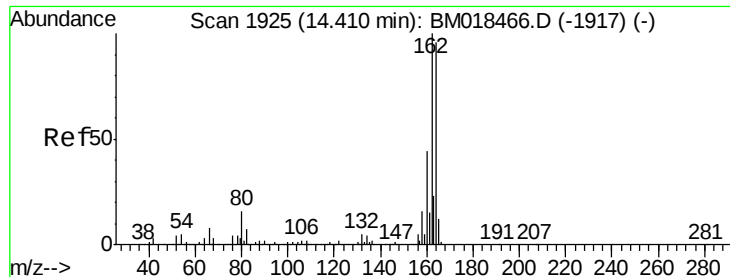
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#38
1-Methylnaphthalene
Concen: 30.647 ng
RT: 12.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.6	113.4
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampleId :

PB116287BS

Tot Ion:164 Resp: 1333122

Ion Ratio Lower Upper

164 100

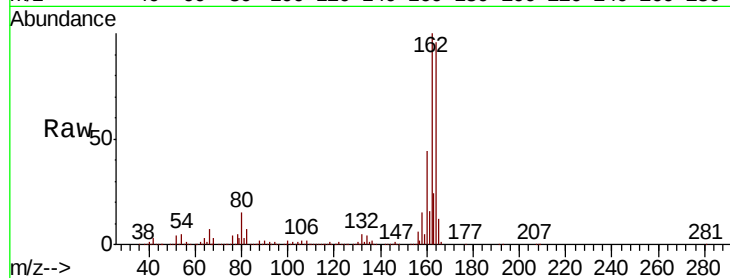
162 104.4 83.0 124.4

160 46.1 37.1 55.7

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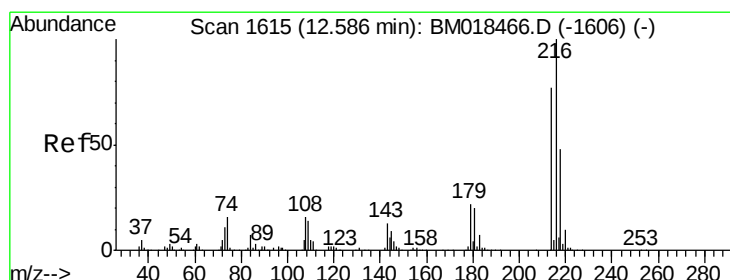
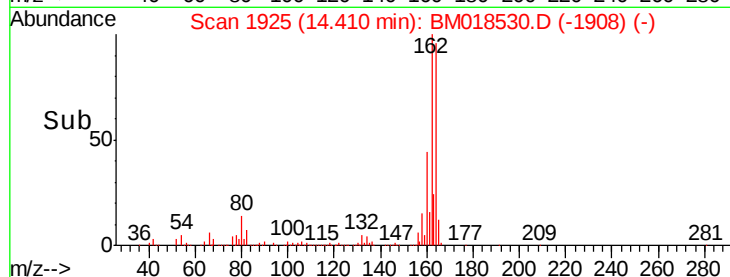
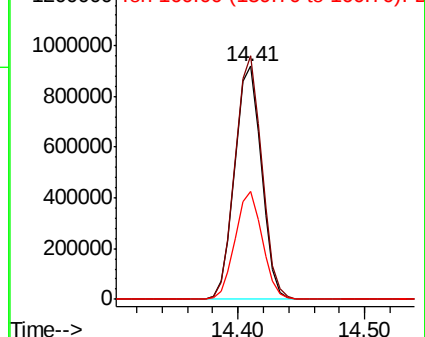


Abundance

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: 26.231 ng

RT: 12.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:216 Resp: 1222834

Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 21.7 17.9 26.9

108 18.3 15.8 23.6

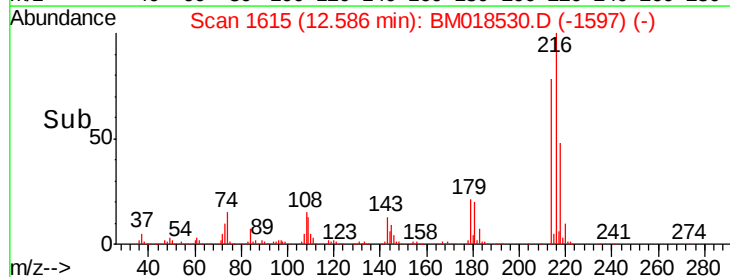
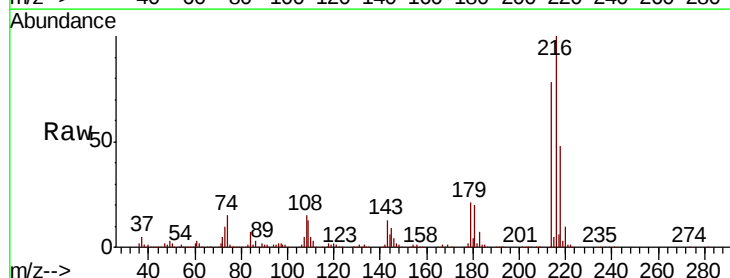
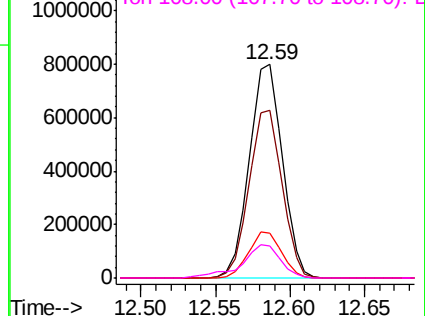
Abundance

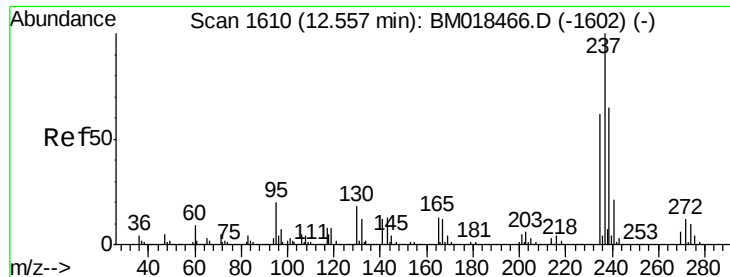
Ion 216.00 (215.70 to 216.70): E

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: 40.139 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampleId :

PB116287BS

Tot Ion:237 Resp: 1026988

Ion Ratio Lower Upper

237 100

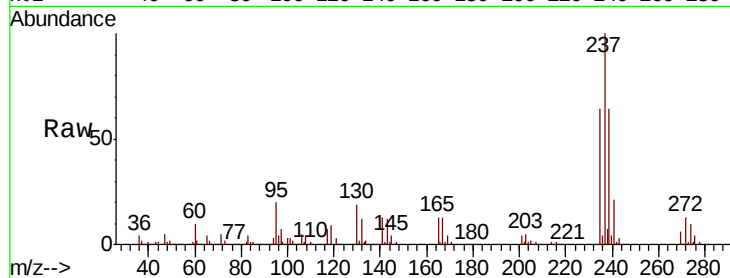
235 63.9 42.8 82.8

272 12.6 0.0 31.9

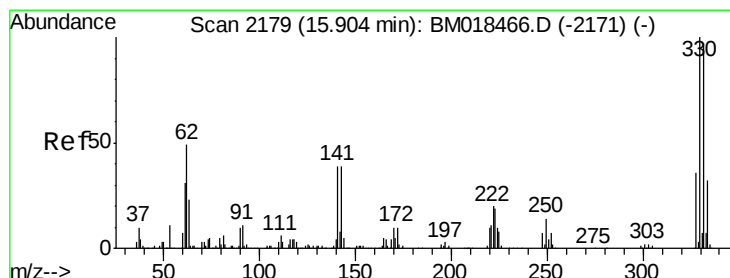
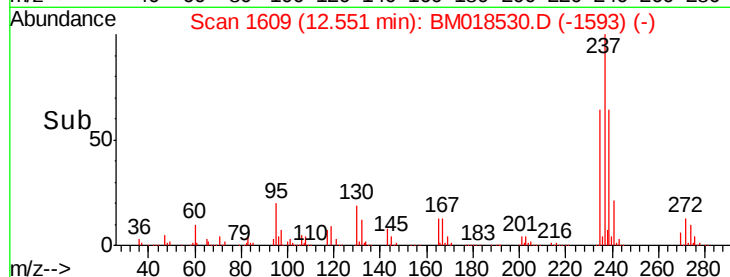
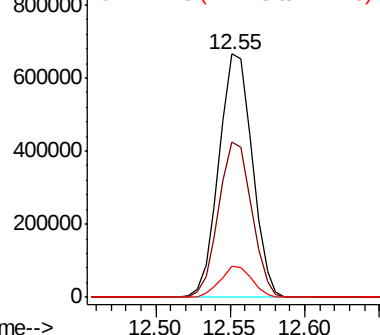
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 56.256 ng

RT: 15.90 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

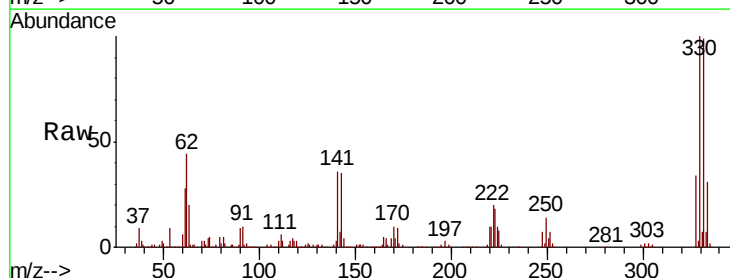
Tgt Ion:330 Resp: 954915

Ion Ratio Lower Upper

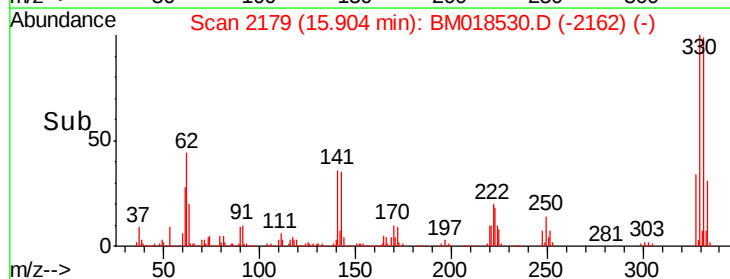
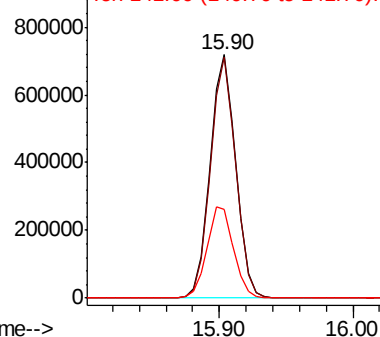
330 100

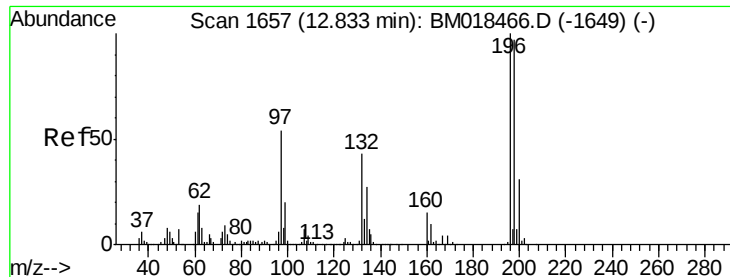
332 97.6 77.6 116.4

141 38.9 31.7 47.5



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





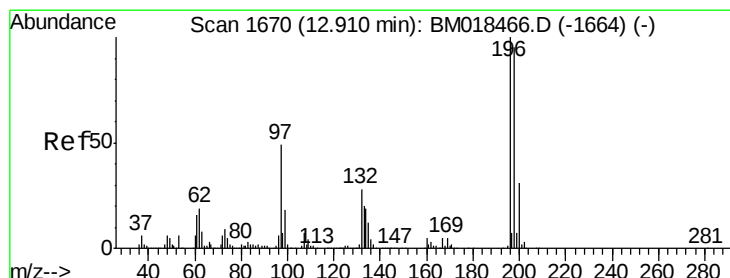
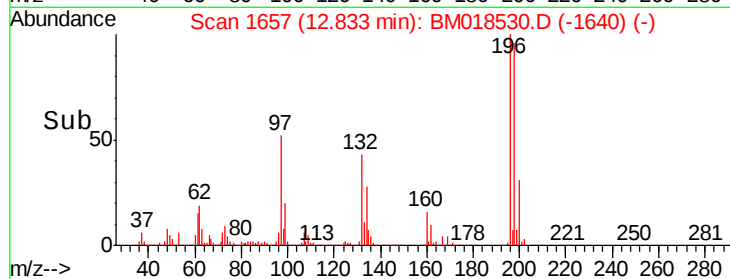
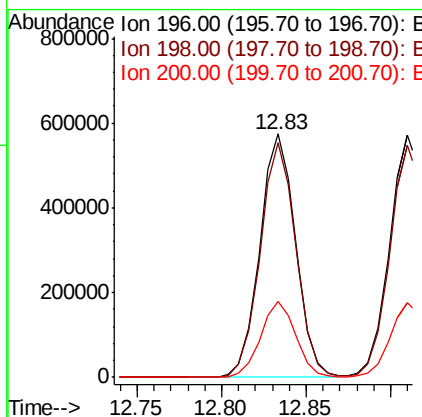
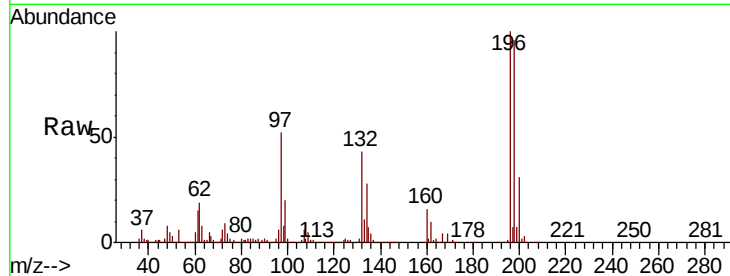
#43
 2,4,6-Trichlorophenol
 Concen: 29.725 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.6	115.0
200	31.0	24.2	36.4

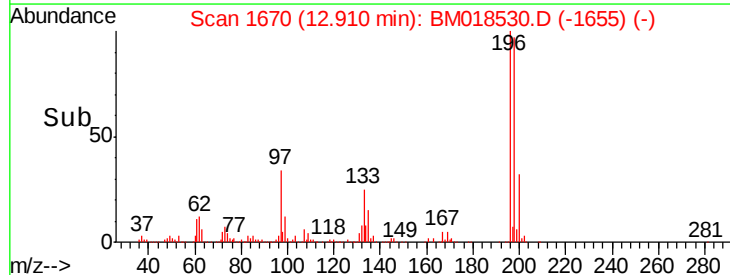
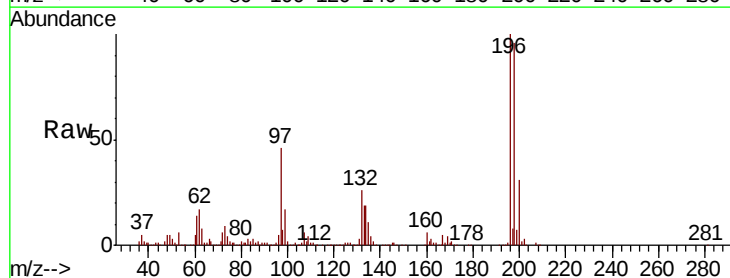
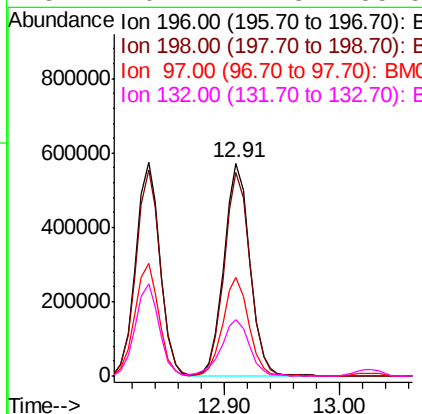
Manual Integrations
 APPROVED

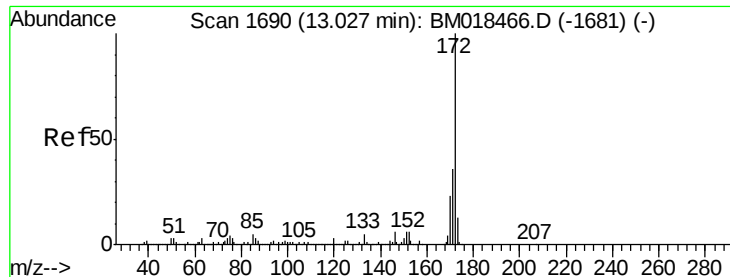
Sohil
 1/11/2019 4:41:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 29.725 ng
 RT: 12.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.7	115.1
97	46.0	39.2	58.8
132	26.4	22.3	33.5





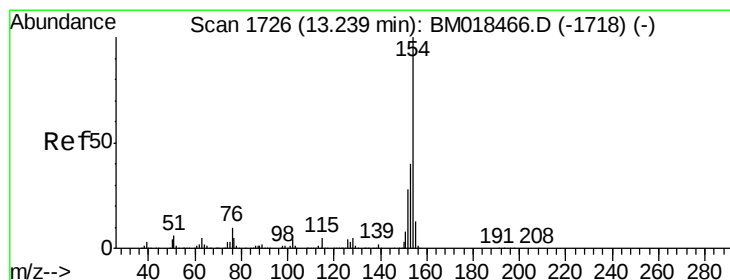
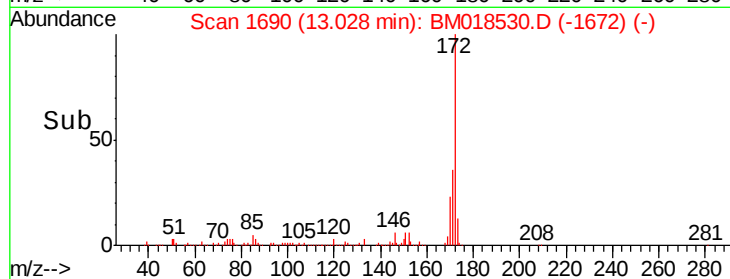
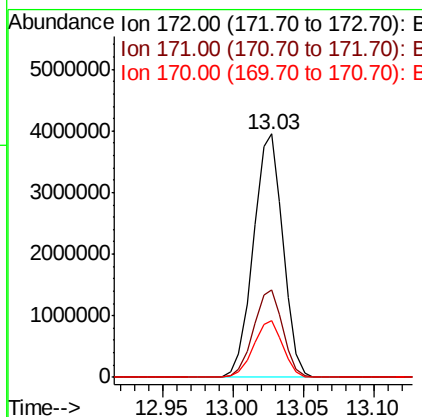
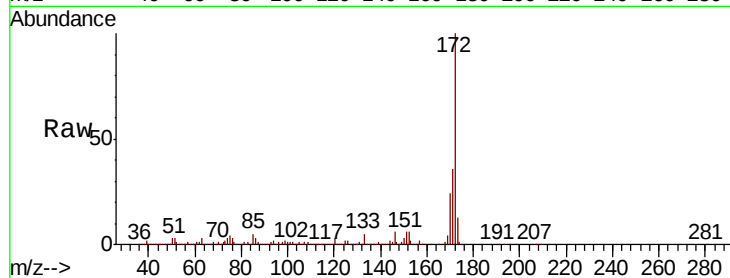
#45
2-Fluorobiphenyl
Concen: 56.935 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampled :
PB116287BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	28.2	42.4	
170	23.5	18.9	28.3	

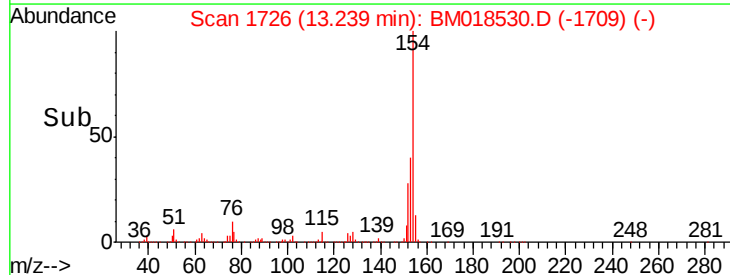
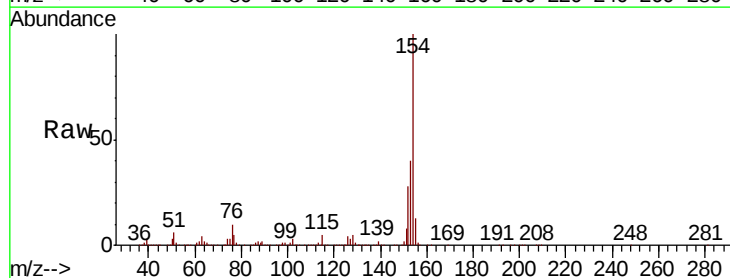
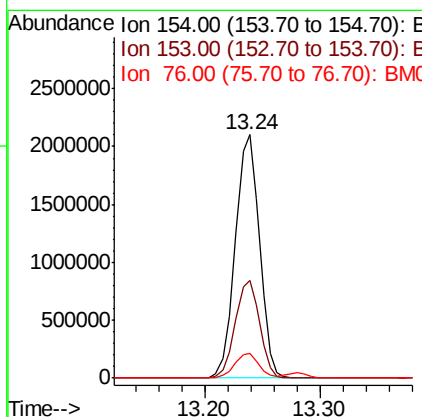
Manual Integrations
APPROVED

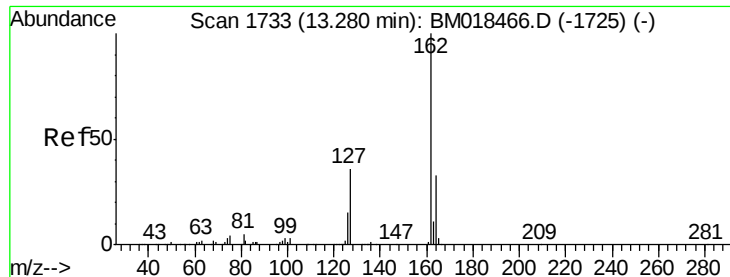
Sohil
1/11/2019 4:41:16 PM



#46
1,1'-Biphenyl
Concen: 26.108 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.3	20.5	60.5	
76	10.1	0.0	31.9	





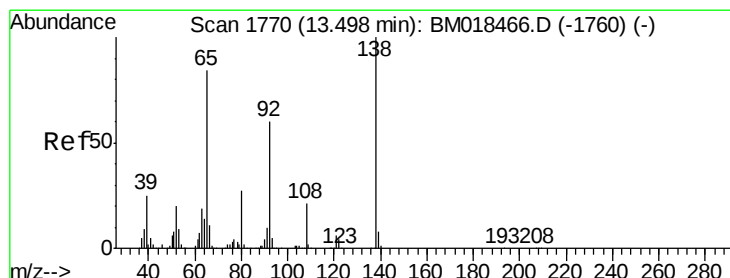
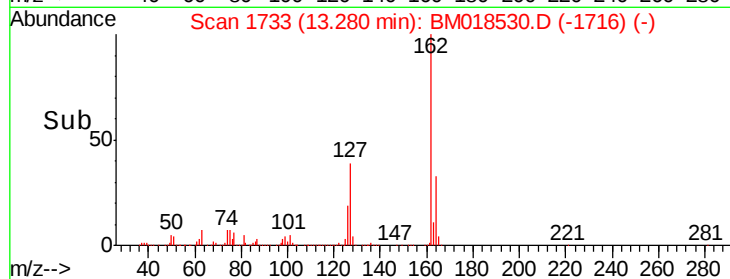
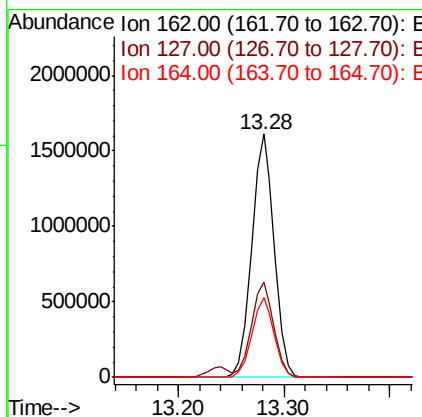
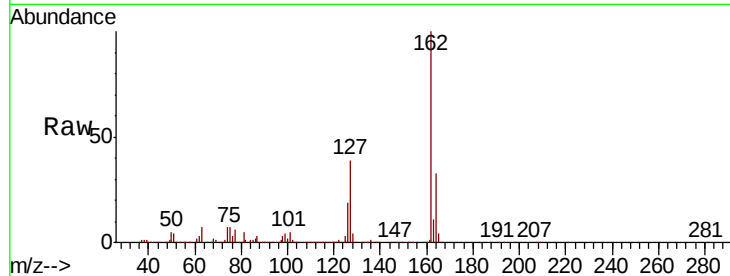
#47
2-Chloronaphthalene
Concen: 26.396 ng
RT: 13.28 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.4	47.0
164	32.6	26.2	39.4

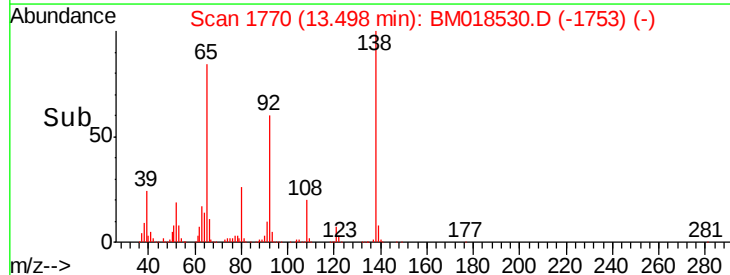
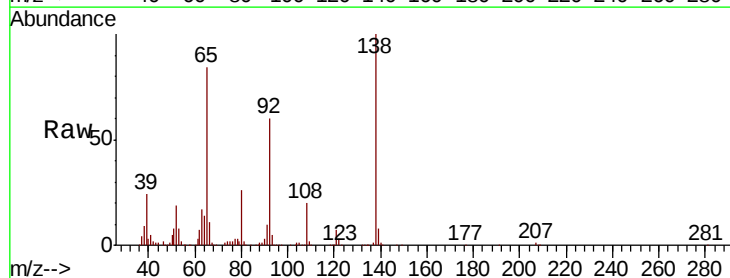
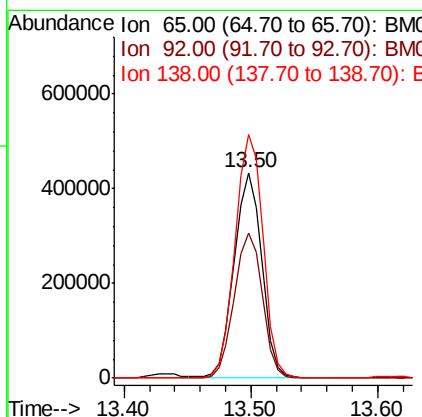
Manual Integrations
APPROVED

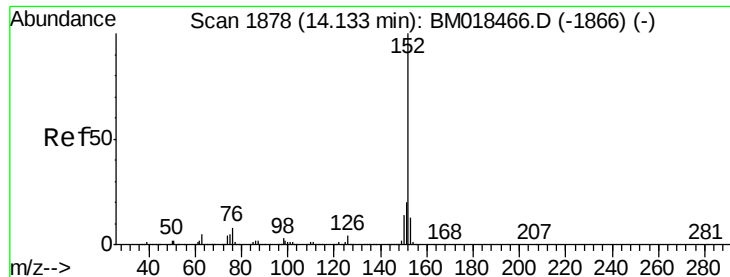
Sohil
1/11/2019 4:41:16 PM



#48
2-Nitroaniline
Concen: 29.331 ng
RT: 13.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.4	80.2
138	118.6	88.9	133.3





#49

Acenaphthylene

Concen: 29.271 ng

RT: 14.13 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampleId :

PB116287BS

Tot Ion:152 Resp: 3850391

Ion Ratio Lower Upper

152 100

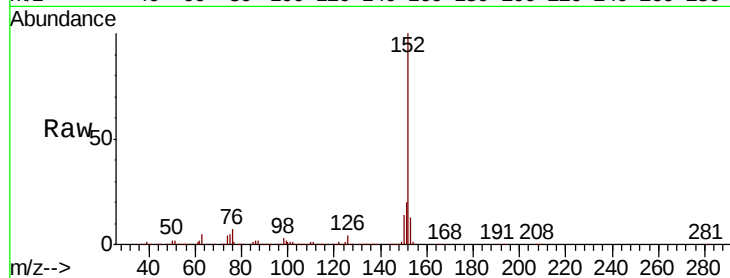
151 19.8 15.7 23.5

153 12.7 10.5 15.7

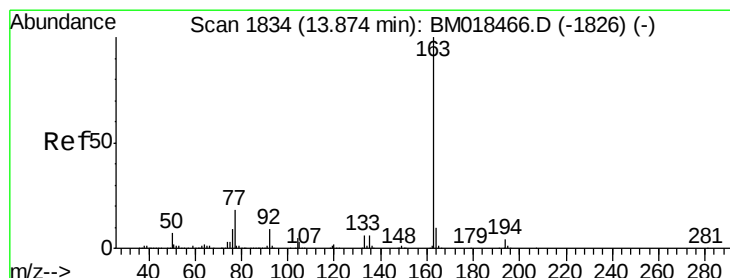
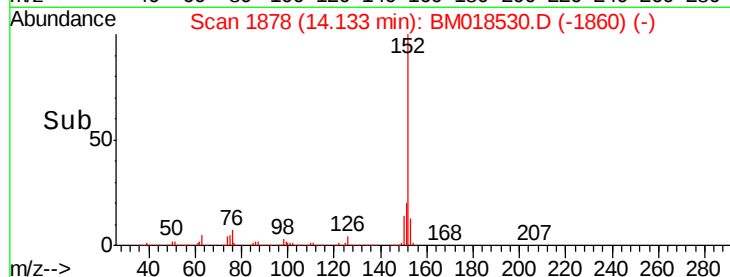
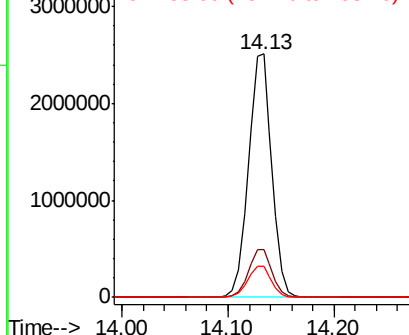
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 27.893 ng

RT: 13.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

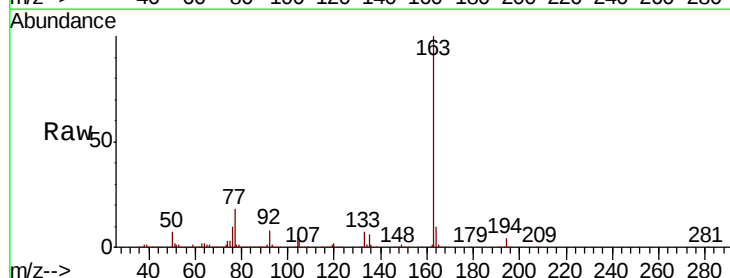
Tgt Ion:163 Resp: 3053846

Ion Ratio Lower Upper

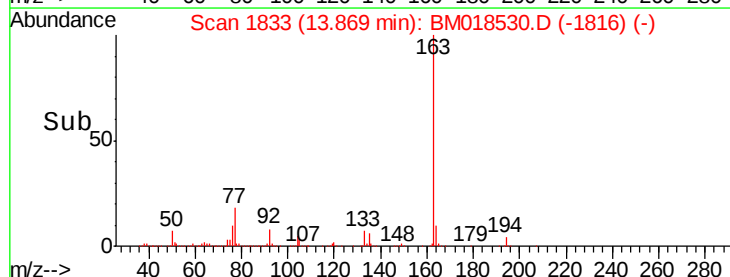
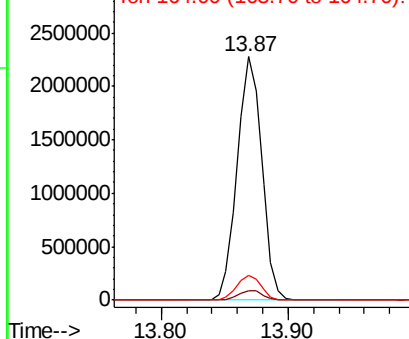
163 100

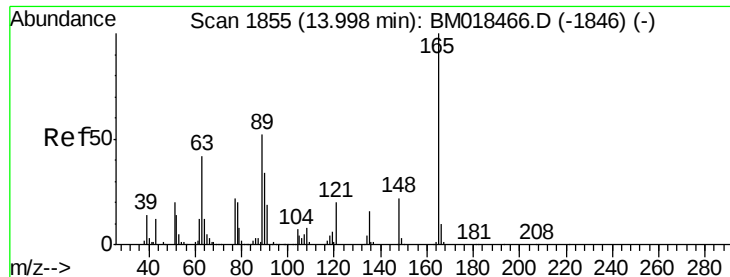
194 3.9 3.0 4.6

164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 27.410 ng

RT: 14.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampled :

PB116287BS

Tot Ion:165 Resp: 635689

Ion Ratio Lower Upper

165 100

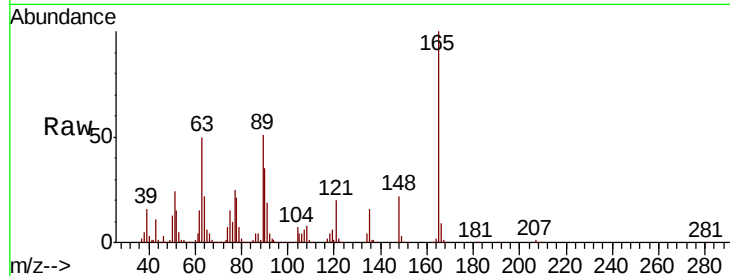
63 50.5 45.6 68.4

89 51.0 44.6 66.8

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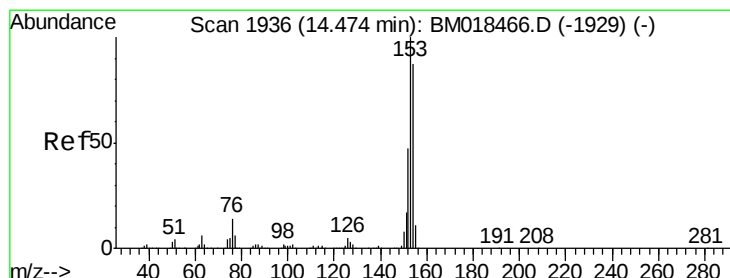
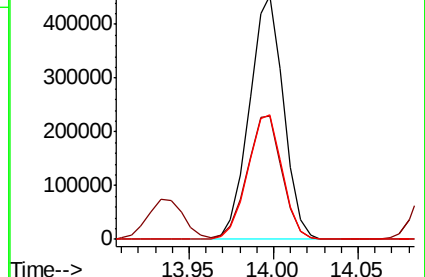
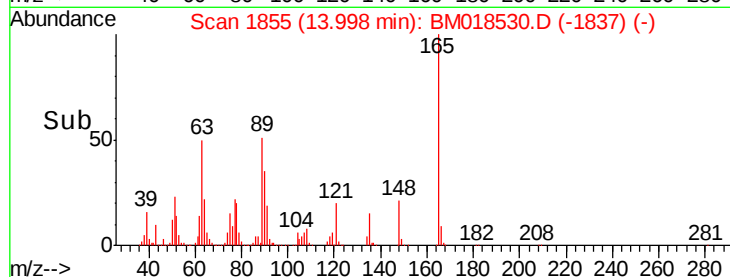
1/11/2019 4:41:16 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 27.500 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

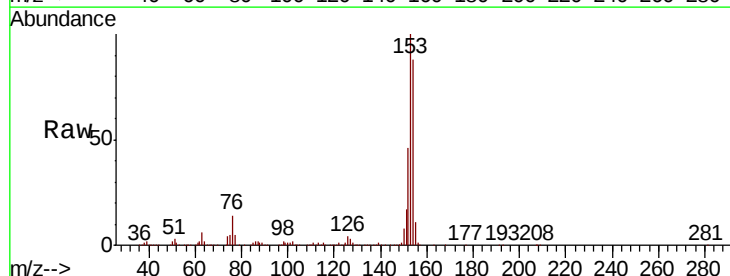
Tgt Ion:154 Resp: 2213355

Ion Ratio Lower Upper

154 100

153 113.8 92.3 138.5

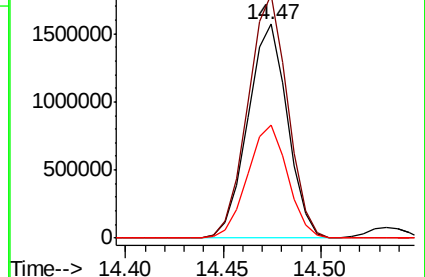
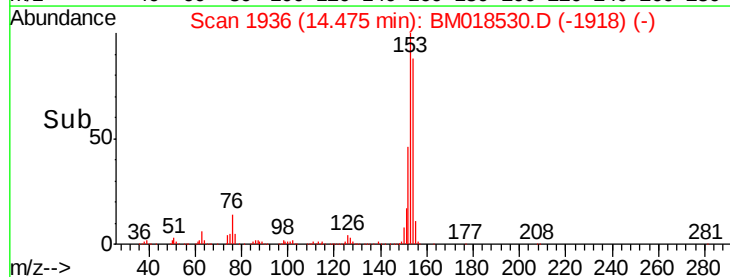
152 52.8 43.8 65.6

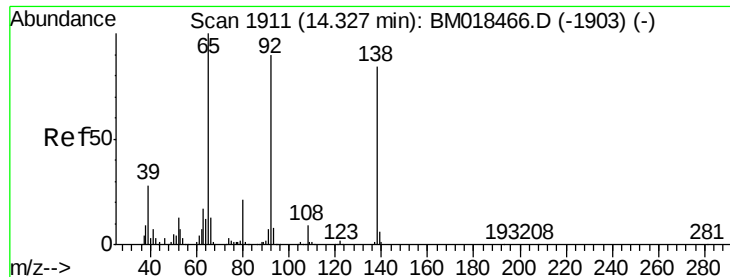


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





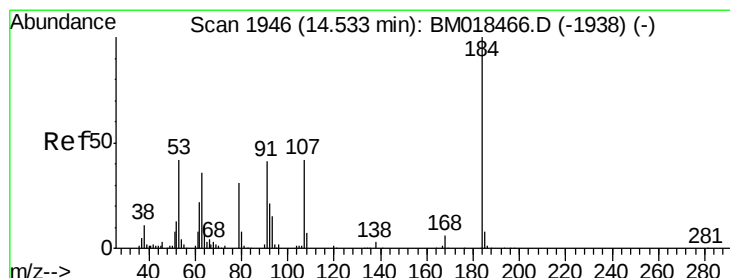
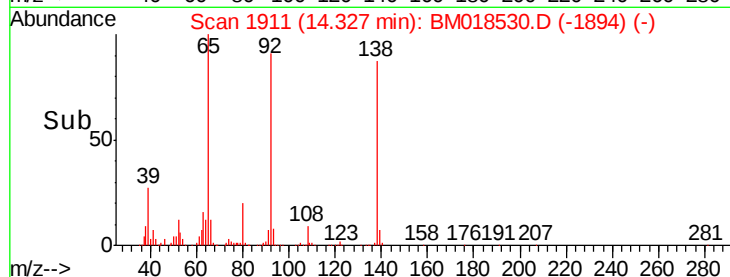
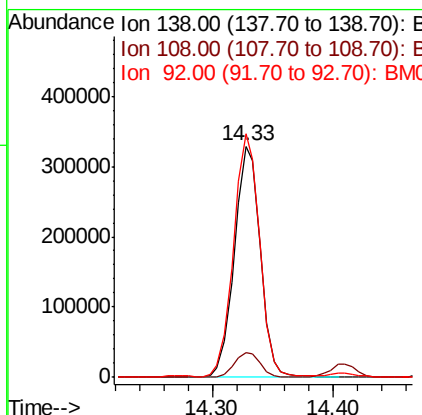
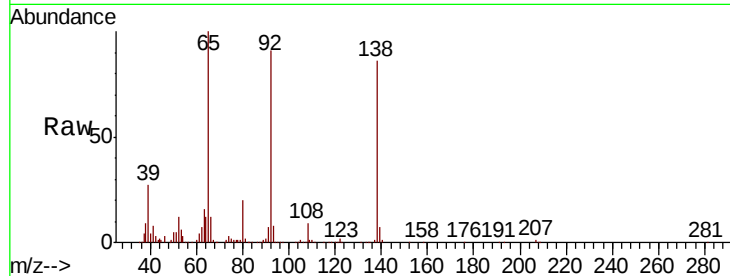
#53
3-Nitroaniline
Concen: 21.107 ng
RT: 14.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	105.4	88.2	132.2

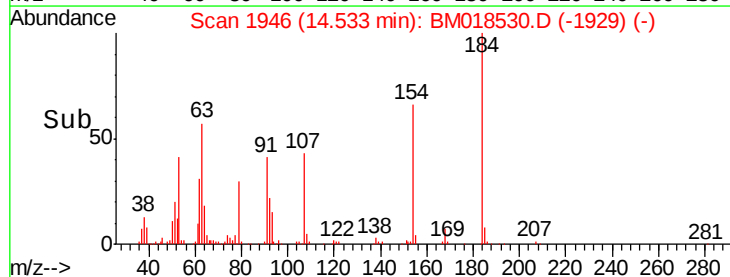
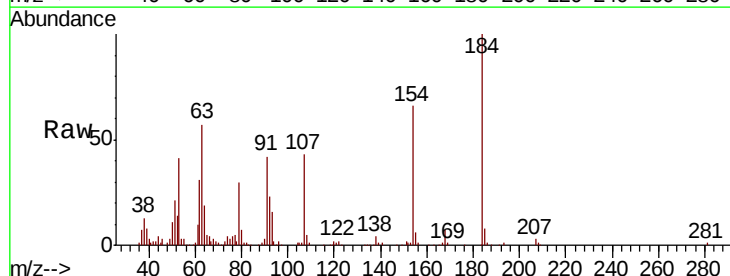
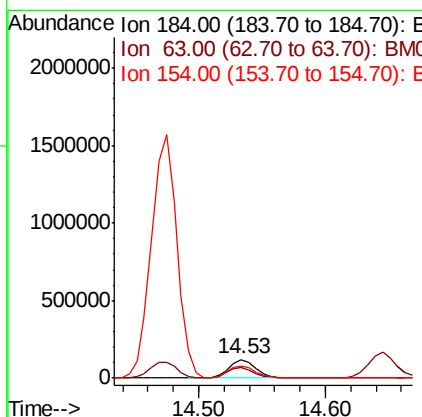
Manual Integrations
APPROVED

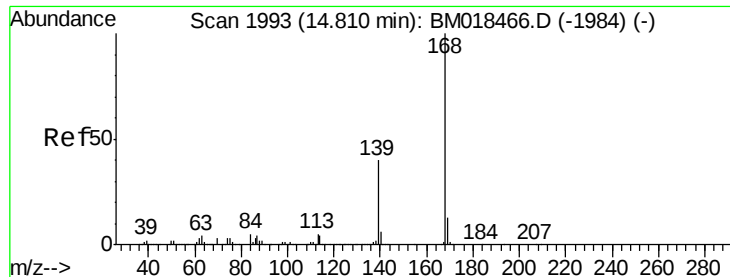
Sohil
1/11/2019 4:41:16 PM



#54
2,4-Dinitrophenol
Concen: 20.008 ng
RT: 14.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	55.9	83.9
154	65.8	54.2	81.4





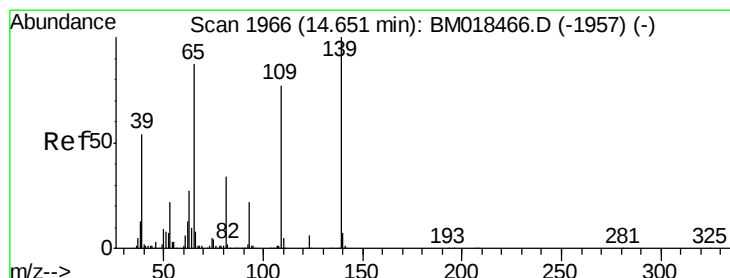
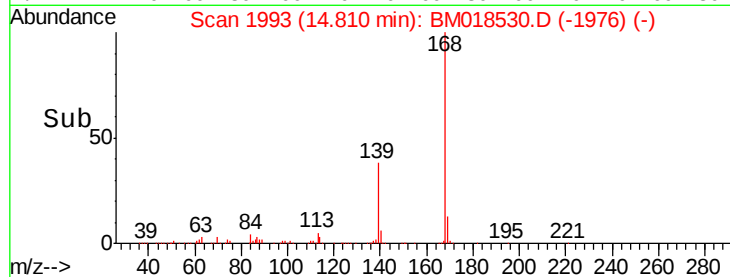
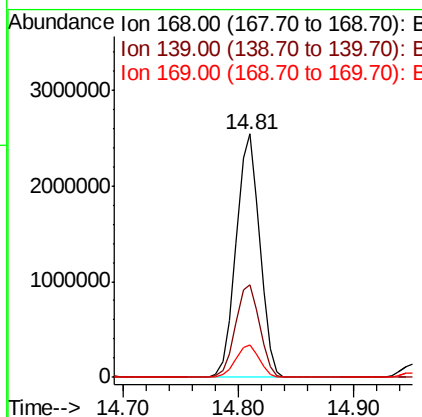
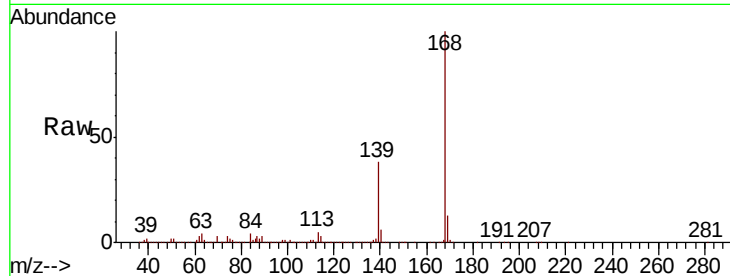
#55
Dibenzofuran
Concen: 26.965 ng
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.3	45.5
169	13.1	10.6	16.0

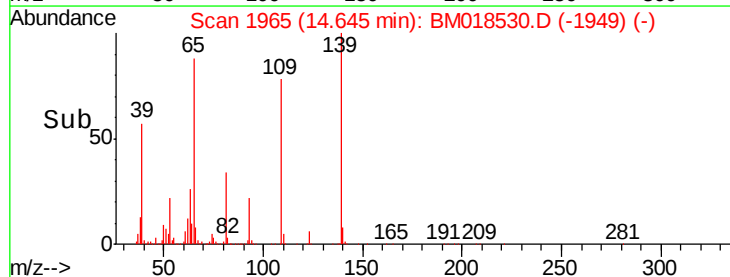
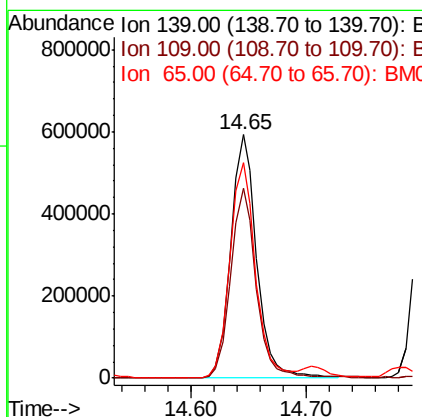
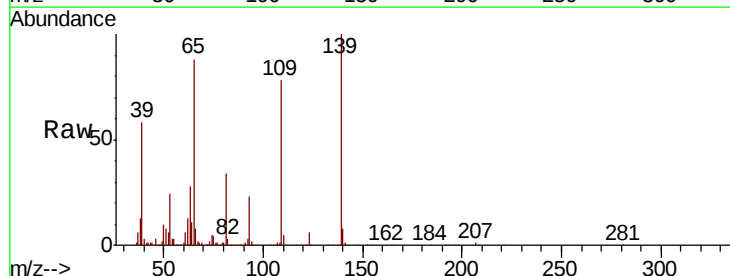
Manual Integrations
APPROVED

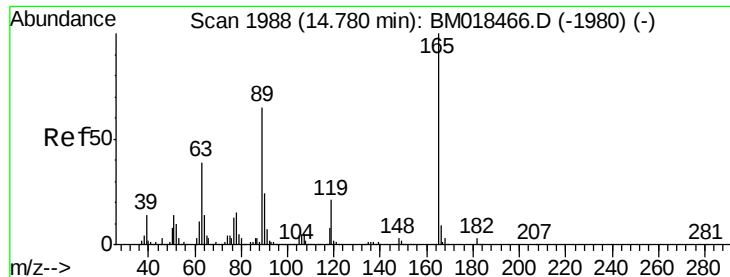
Sohil
1/11/2019 4:41:16 PM



#56
4-Nitrophenol
Concen: 45.567 ng
RT: 14.65 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	51.7	91.7
65	88.4	71.4	111.4





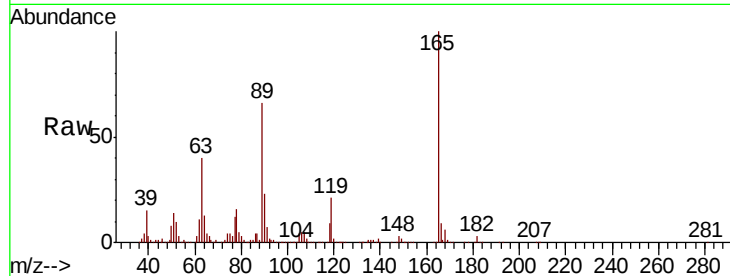
#57
2,4-Dinitrotoluene
Concen: 26.401 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	32.2	48.2
89	65.9	52.1	78.1
182	2.9	2.5	3.7

Manual Integrations
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1/11/2019 4:41:16 PM



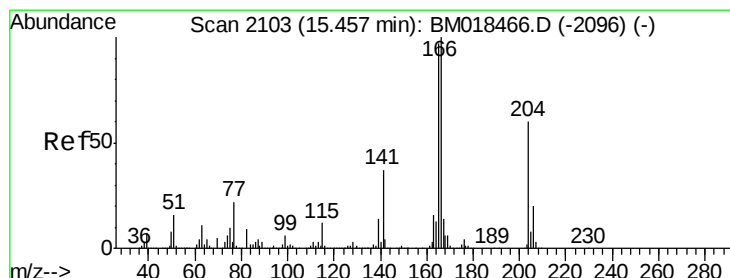
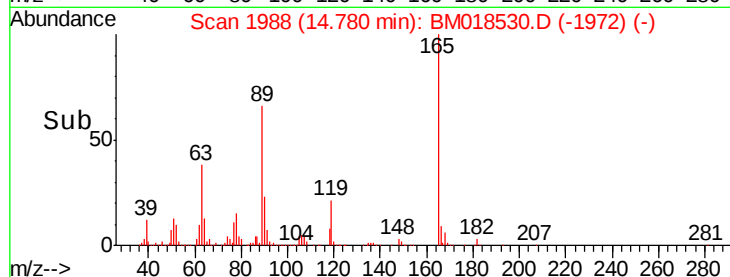
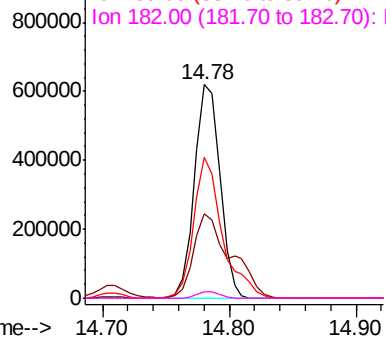
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

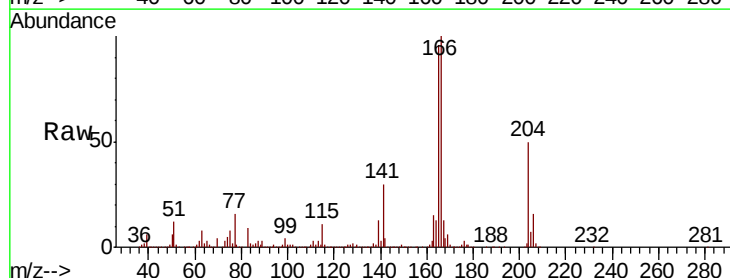
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 29.515 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.3	117.5
167	13.5	10.9	16.3

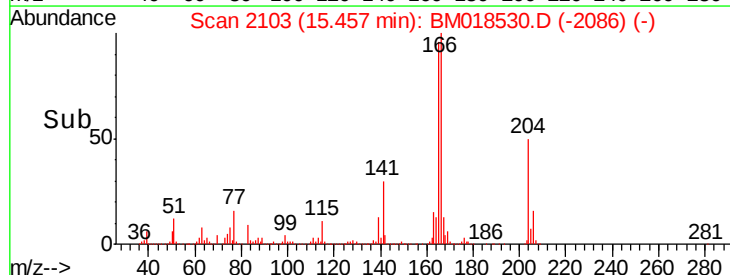
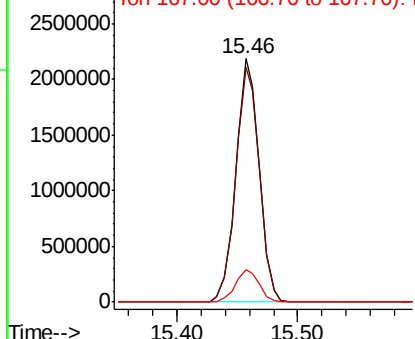


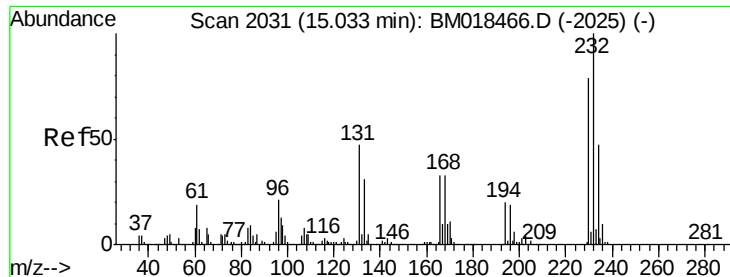
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





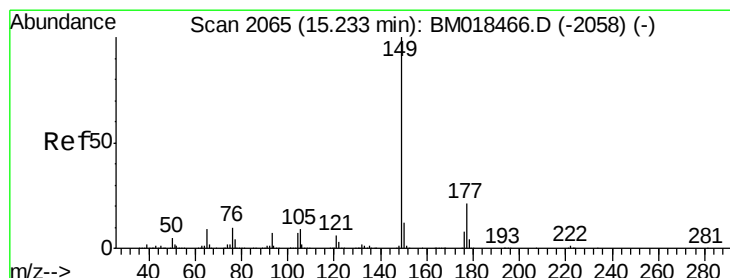
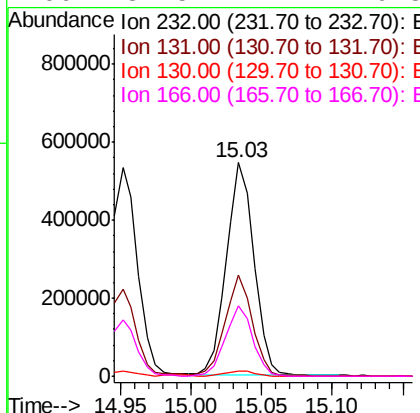
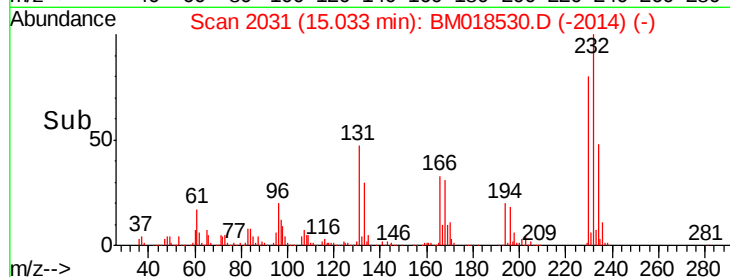
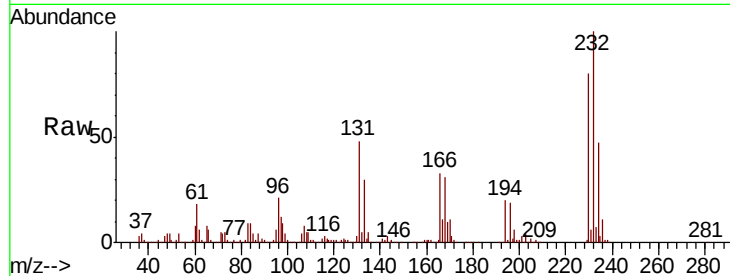
#59
2,3,4,6-Tetrachlorophenol
Concen: 28.343 ng
RT: 15.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	38.6	57.8
130	2.5	2.2	3.4
166	32.5	27.2	40.8

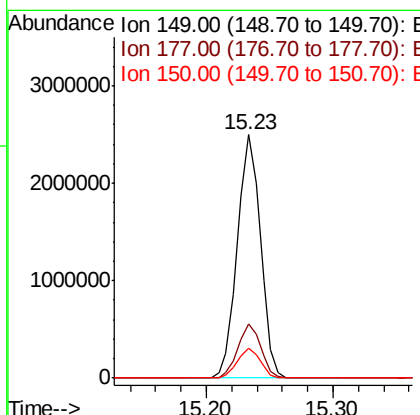
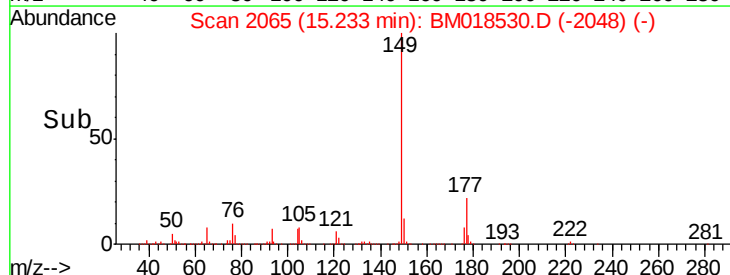
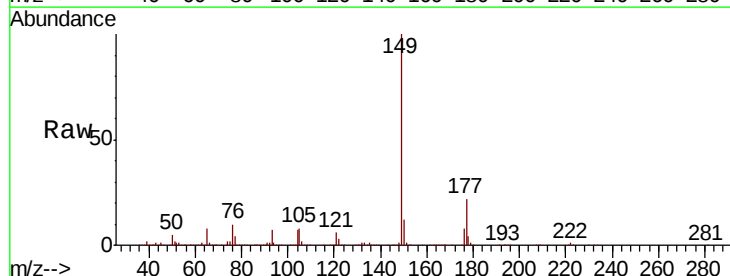
Manual Integrations
APPROVED

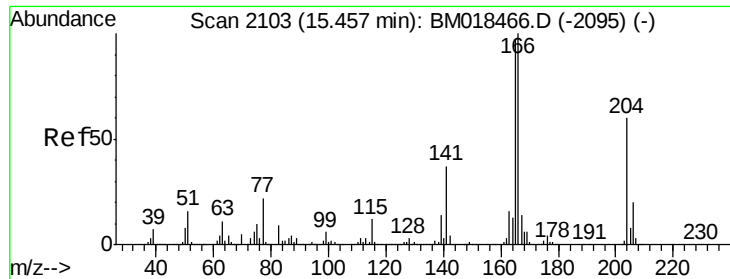
Sohil
1/11/2019 4:41:16 PM



#60
Diethylphthalate
Concen: 28.413 ng
RT: 15.23 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.1	9.8	14.6





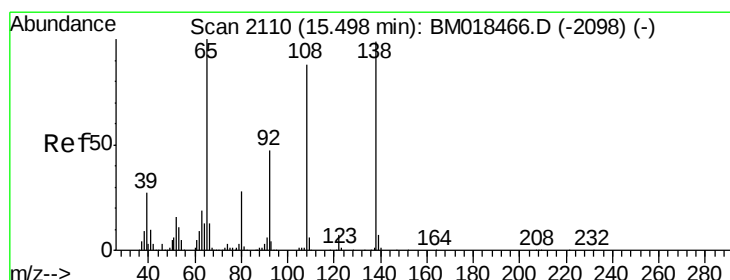
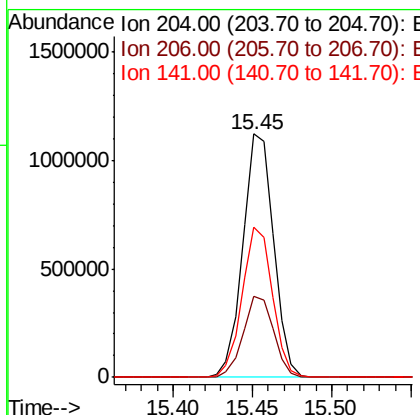
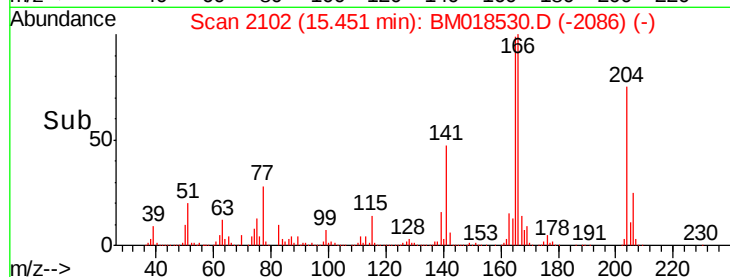
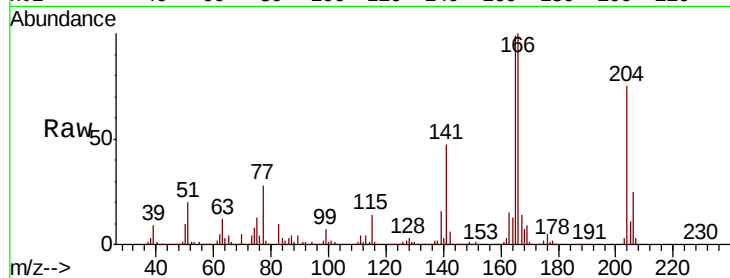
#61
4-Chlorophenyl-phenylether
Concen: 26.495 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion:204 Resp: 1512762
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 61.8 49.5 74.3

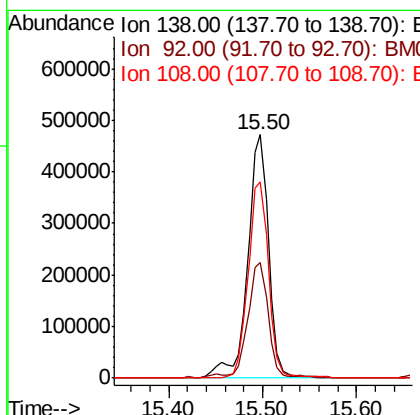
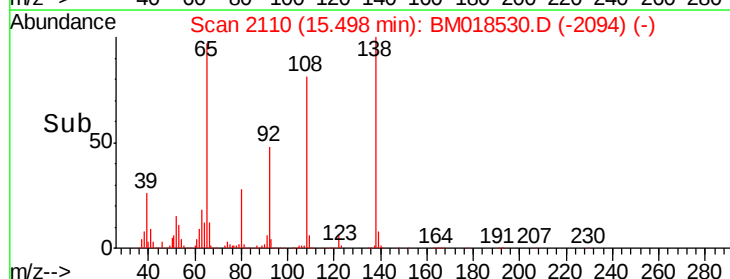
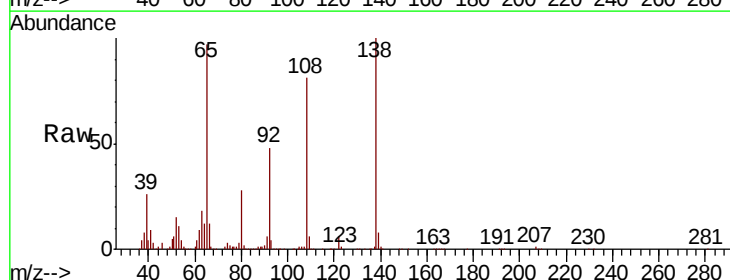
Manual Integrations
APPROVED

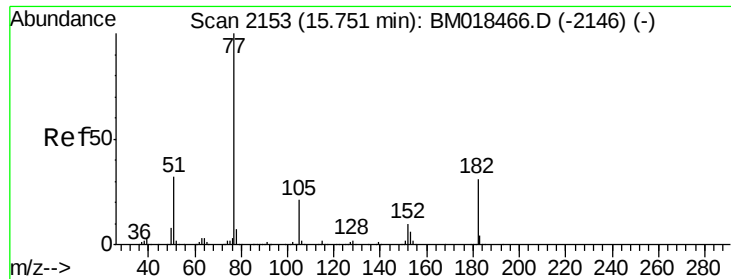
Sohil
1/11/2019 4:41:16 PM



#62
4-Nitroaniline
Concen: 28.694 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion:138 Resp: 731772
Ion Ratio Lower Upper
138 100
92 47.6 29.0 69.0
108 80.7 63.9 103.9





#63

Azobenzene

Concen: 27.417 ng

RT: 15.75 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampleId :

PB116287BS

Tot Ion: 77 Resp: 2470681

Ion Ratio Lower Upper

77 100

182 29.0 7.4 47.4

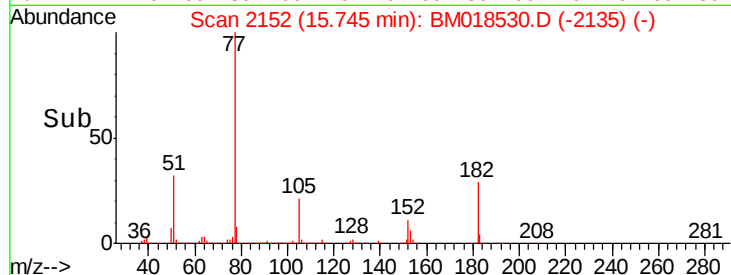
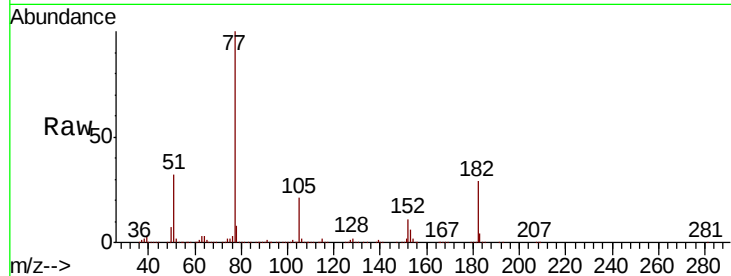
105 21.3 0.0 39.6

51 31.9 12.0 52.0

Manual Integrations
APPROVED

Sohil

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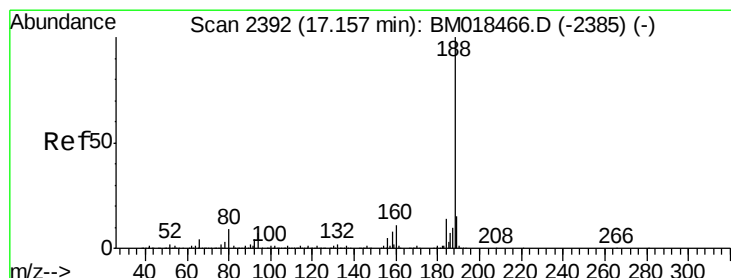
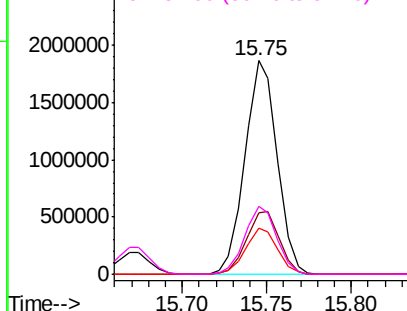
Abundance

Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

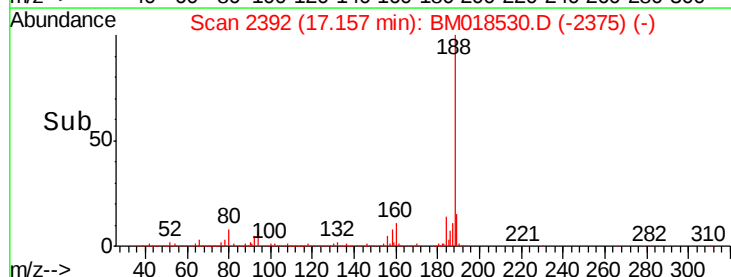
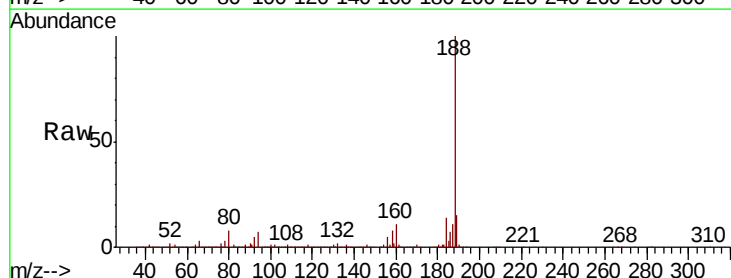
Tgt Ion: 188 Resp: 2989593

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

80 8.1 7.6 11.4

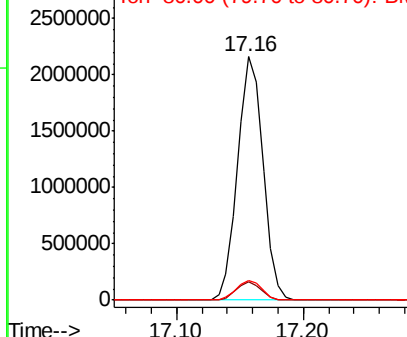


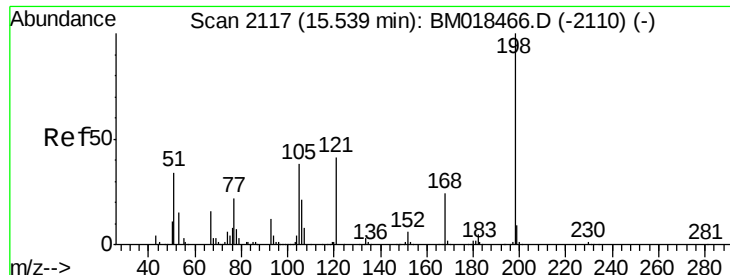
Abundance

Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)





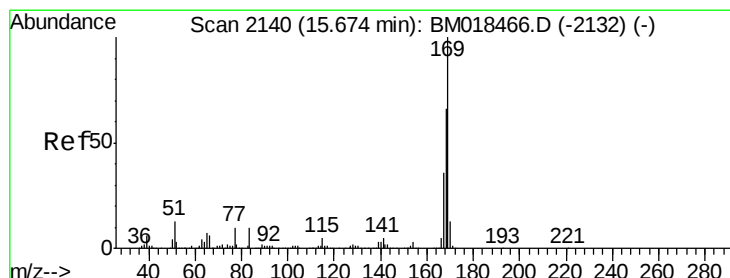
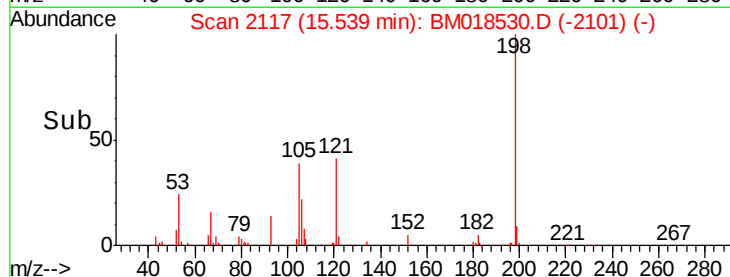
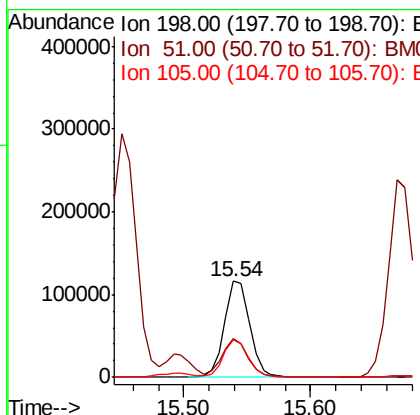
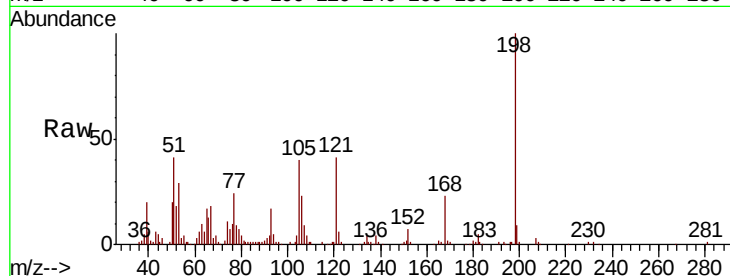
#65
4,6-Dinitro-2-methylphenol
Concen: 12.985 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	162987		
51	40.9	29.6	69.6	
105	39.6	25.5	65.5	

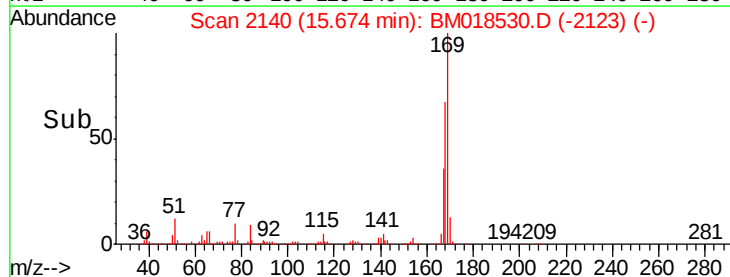
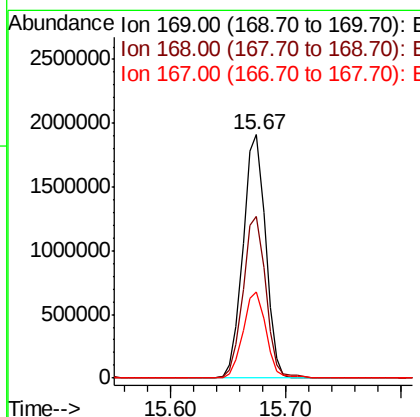
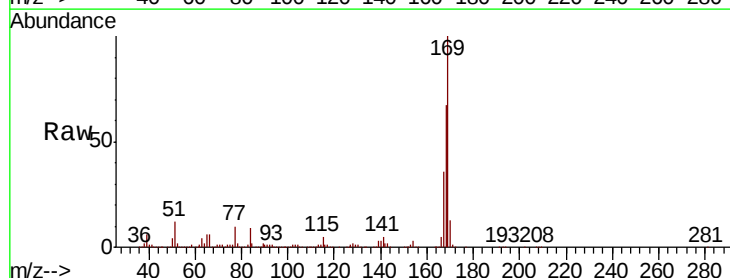
Manual Integrations
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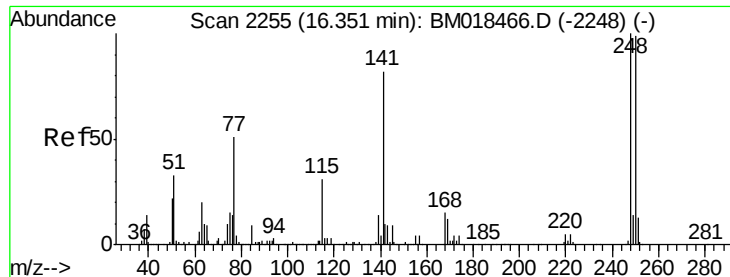
Sohil
1/11/2019 4:41:16 PM



#66
n-Nitrosodiphenylamine
Concen: 27.888 ng
RT: 15.67 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2586260		
168	66.6	54.1	81.1	
167	35.6	28.6	42.8	





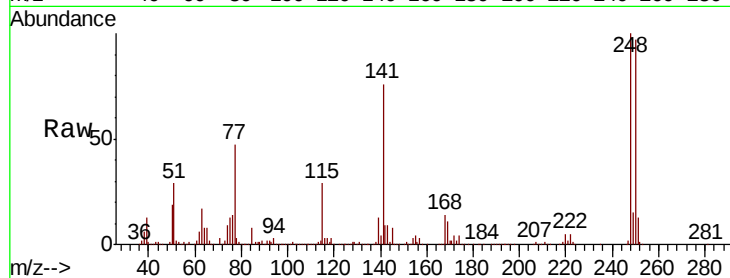
#67
4-Bromophenyl-phenylether
Concen: 27.197 ng
RT: 16.35 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.0	114.0
141	76.5	61.5	92.3

Manual Integrations
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Sohil
1/11/2019 4:41:16 PM

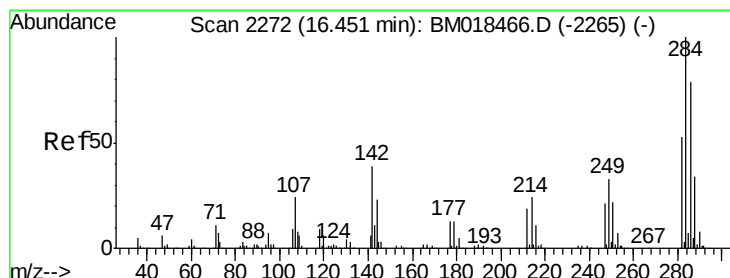
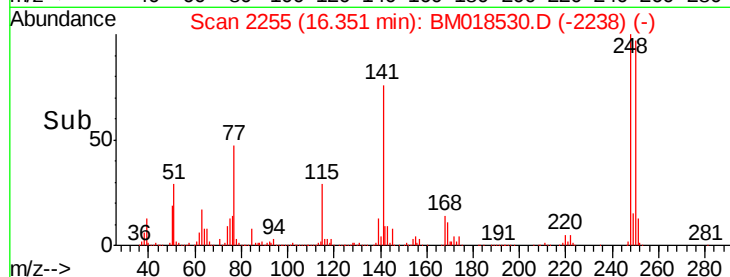
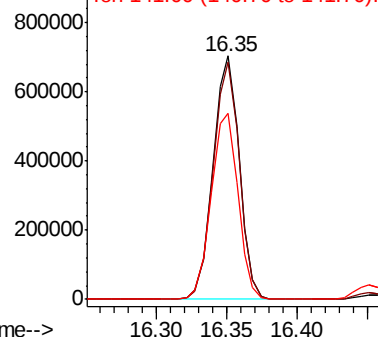


Abundance

Ion 248.00 (247.70 to 248.70): E

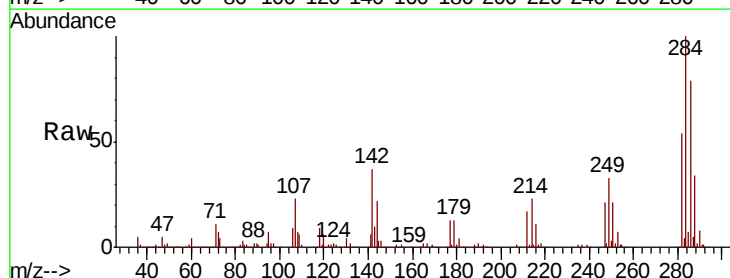
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 26.680 ng
RT: 16.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	29.2	43.8
249	33.3	26.1	39.1

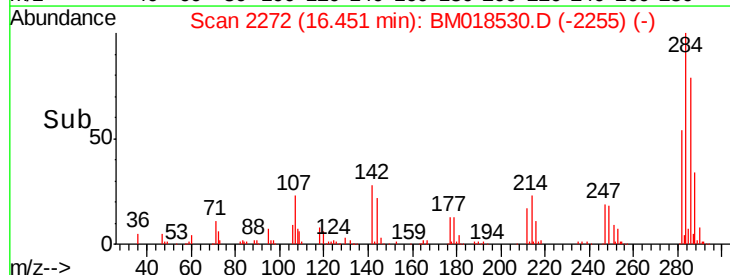
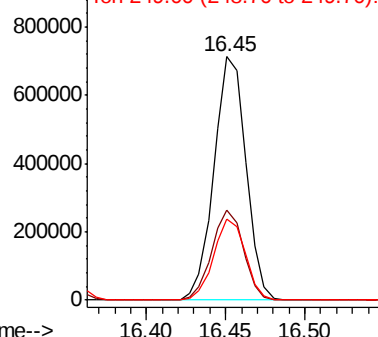


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





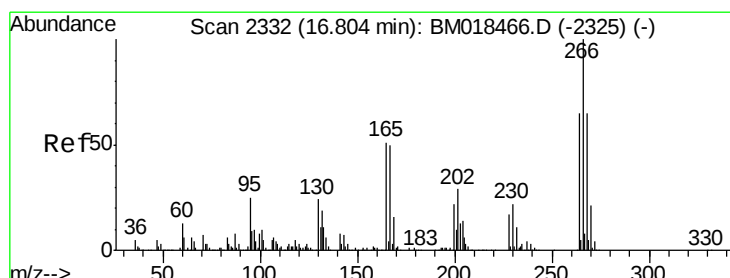
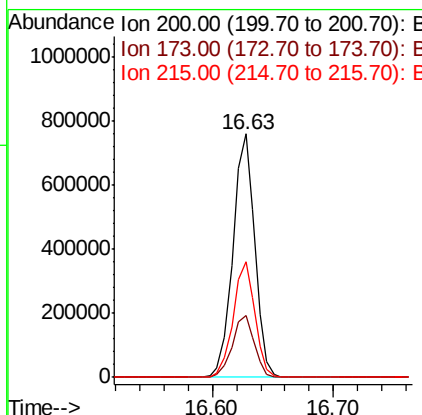
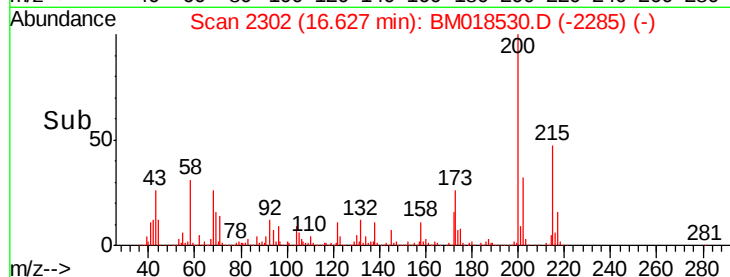
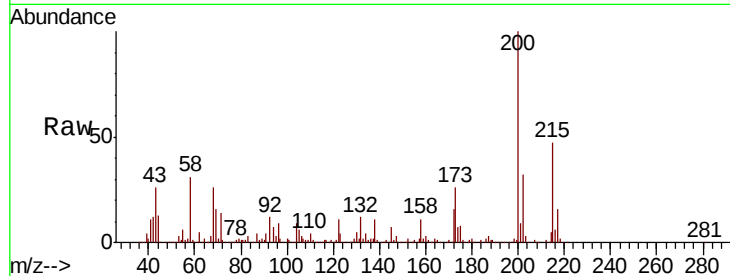
#69
Atrazine
Concen: 28.647 ng
RT: 16.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampled :
PB116287BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.2	47.2
215	47.4	28.3	68.3

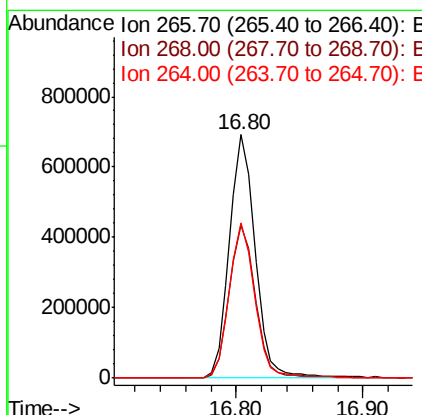
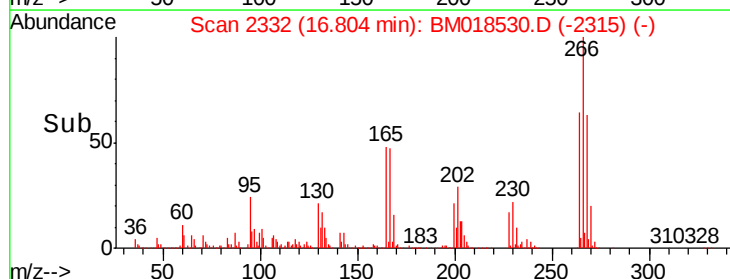
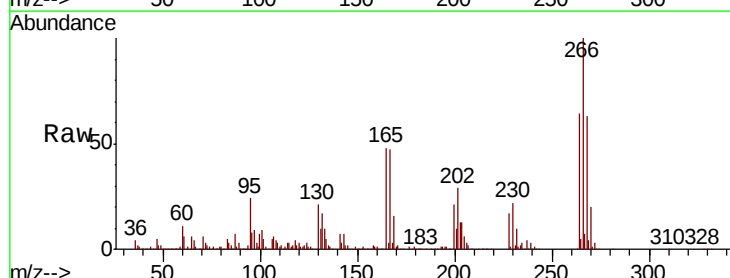
Manual Integrations
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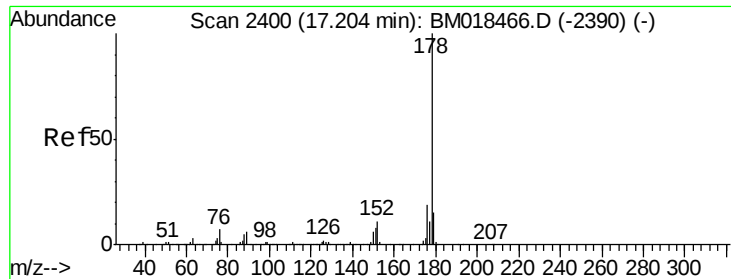
Sohil
1/11/2019 4:41:16 PM



#70
Pentachlorophenol
Concen: 39.933 ng
RT: 16.80 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.8	74.6
264	63.8	50.1	75.1





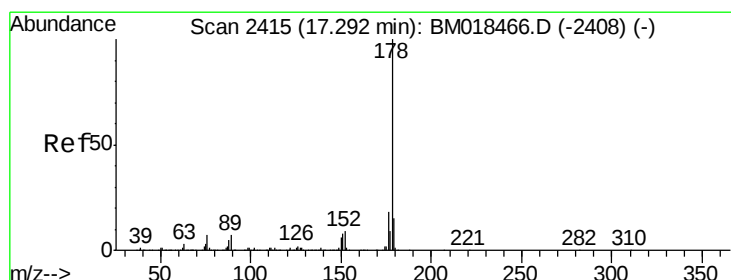
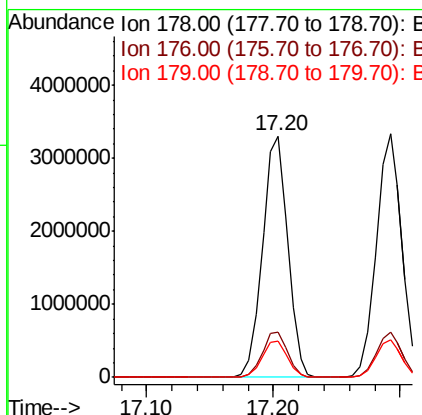
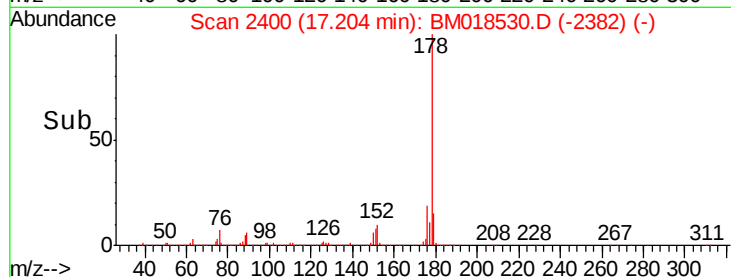
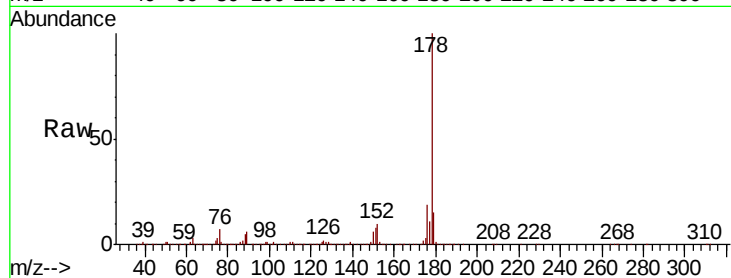
#71
Phenanthrene
Concen: 28.837 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion:178 Resp: 4585613
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.2 12.2 18.4

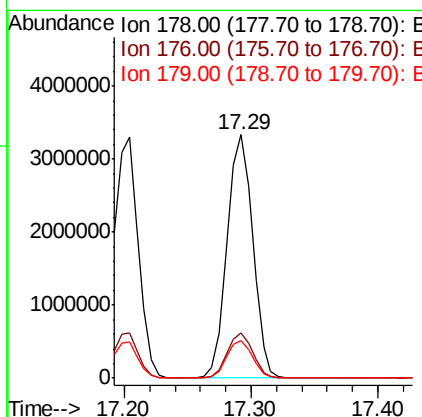
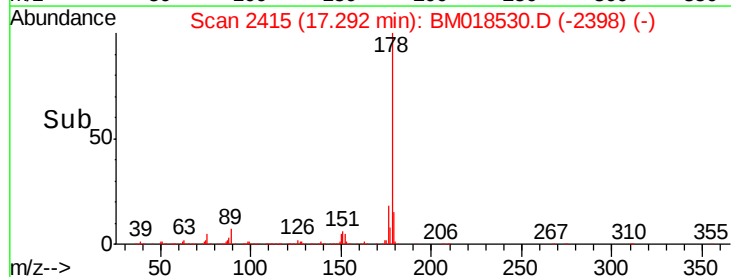
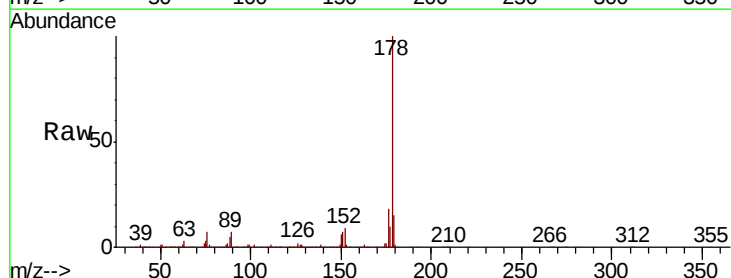
Manual Integrations
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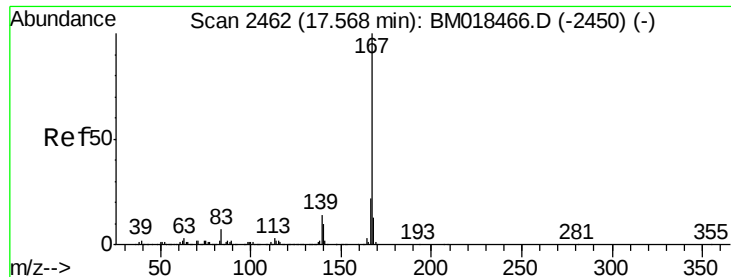
Sohil
1/11/2019 4:41:16 PM



#72
Anthracene
Concen: 30.492 ng
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion:178 Resp: 4662494
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.2 18.4





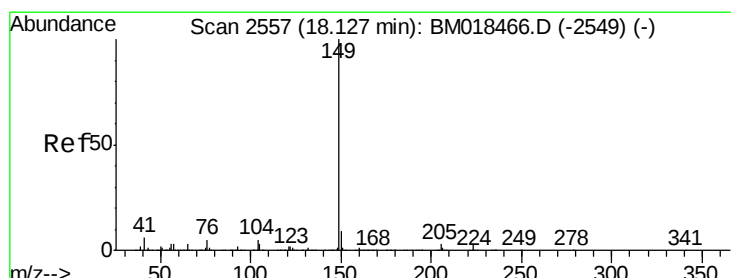
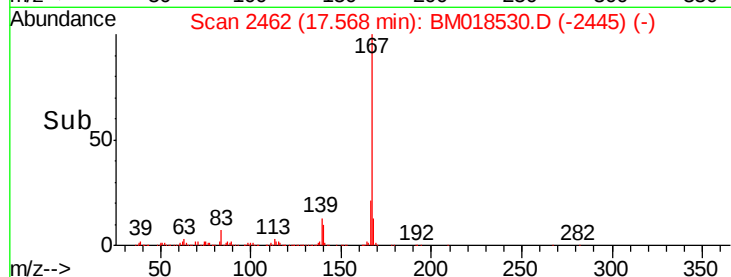
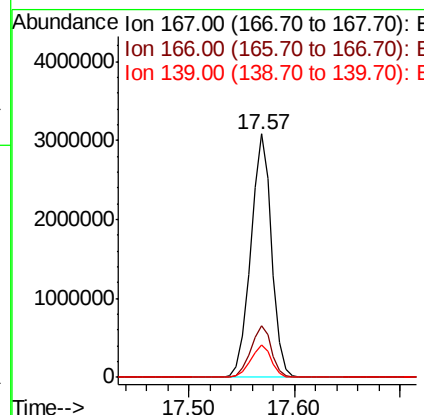
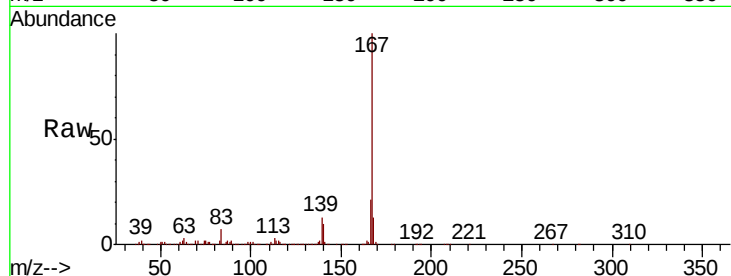
#73
 Carbazole
 Concen: 26.702 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.1	10.6	16.0

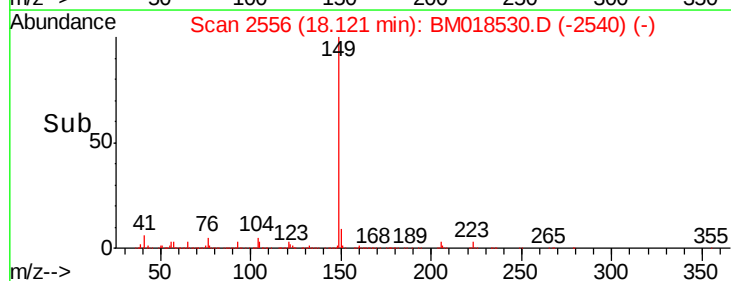
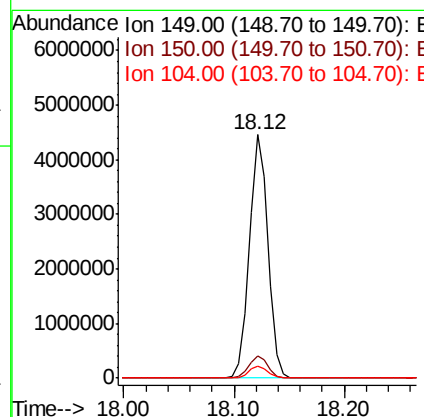
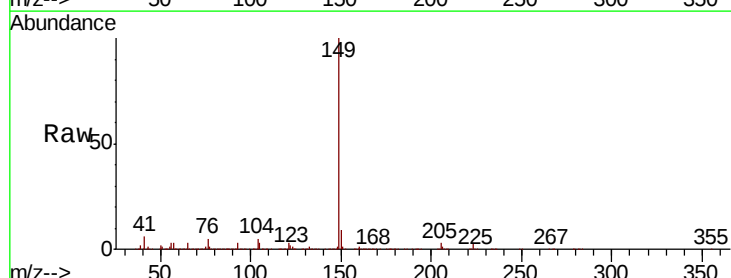
Manual Integrations
 APPROVED

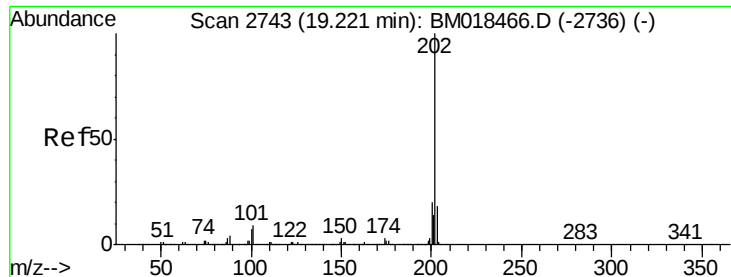
Sohil
 1/11/2019 4:41:16 PM



#74
 Di-n-butylphthalate
 Concen: 30.511 ng
 RT: 18.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 28.247 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

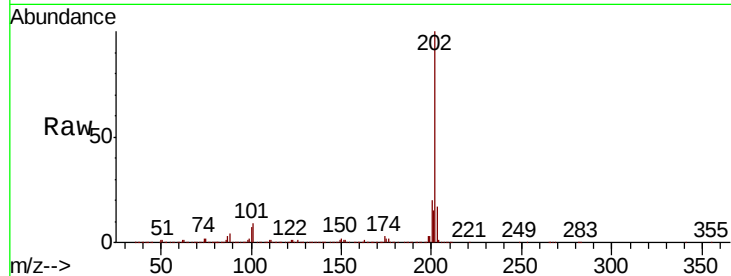
ClientSampleId :

PB116287BS

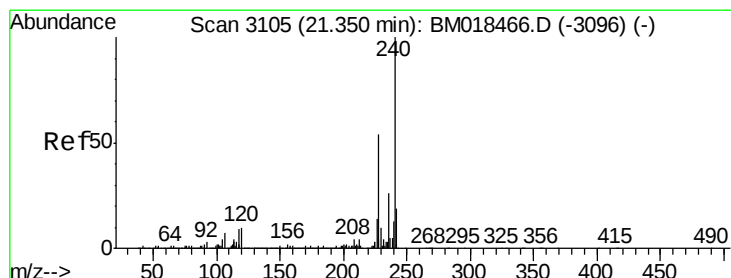
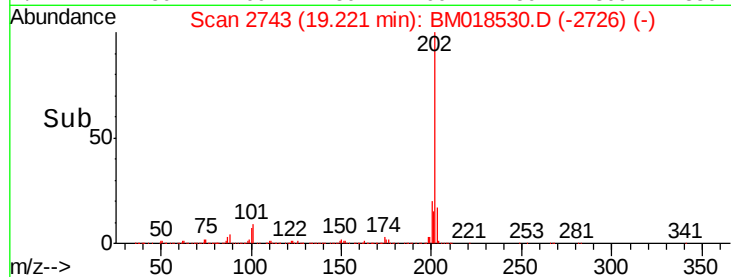
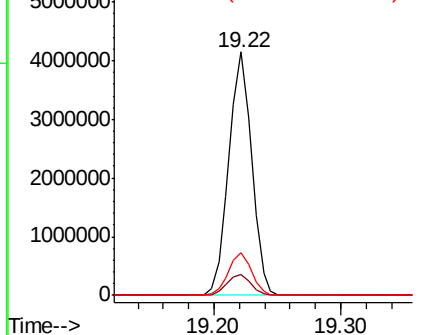
Tot Ion:	202	Resp:	5178652
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.9
203	17.5	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

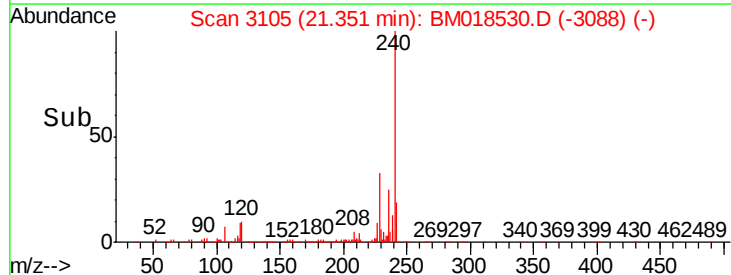
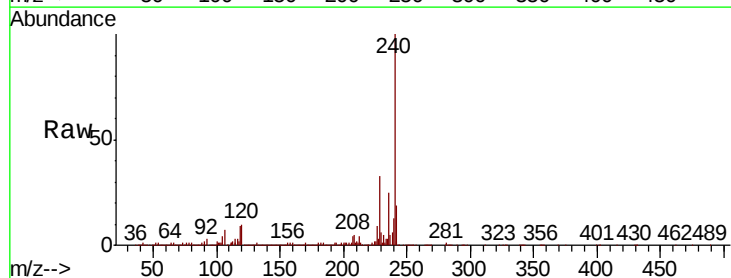
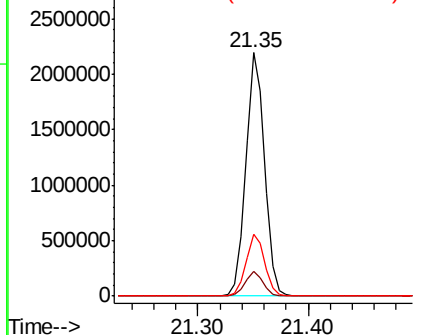
Delta R.T. 0.00 min

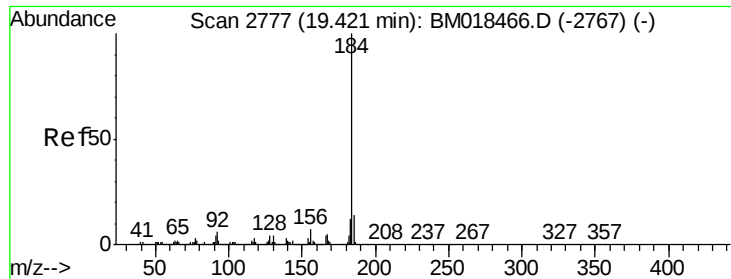
Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:	240	Resp:	2608630
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	25.4	20.7	31.1

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





#77

Benzidine

Concen: 21.143 ng

RT: 19.42 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampled :

PB116287BS

Tot Ion:184 Resp: 1361816

Ion Ratio Lower Upper

184 100

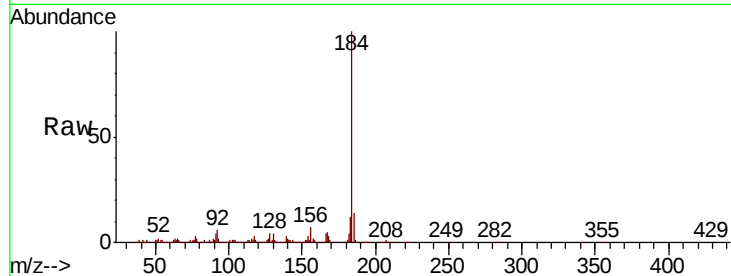
185 14.1 11.4 17.0

183 11.6 9.5 14.3

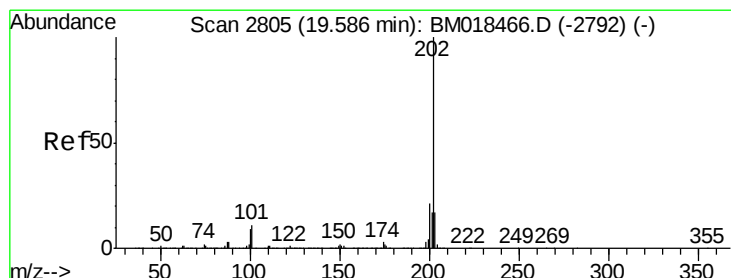
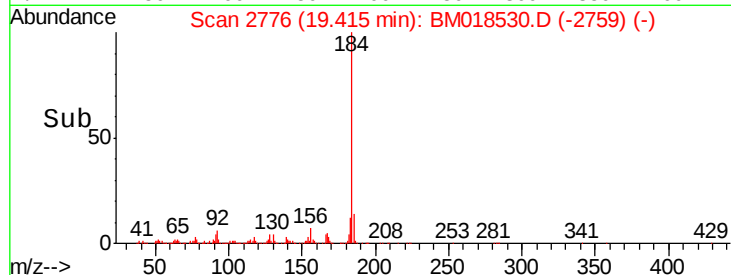
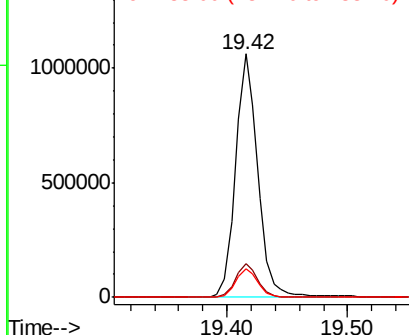
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.707 ng

RT: 19.59 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

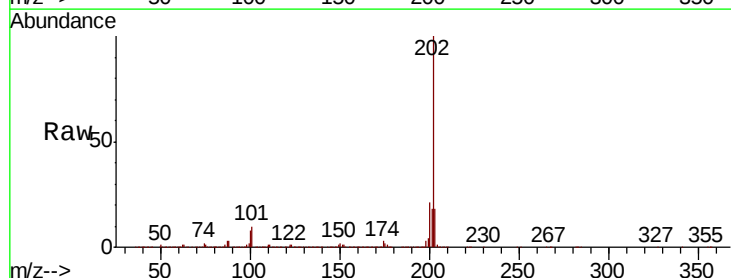
Tgt Ion:202 Resp: 5212007

Ion Ratio Lower Upper

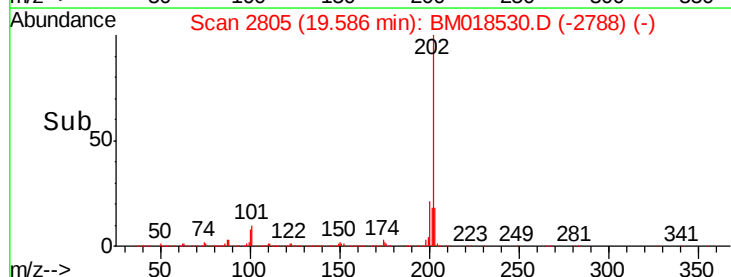
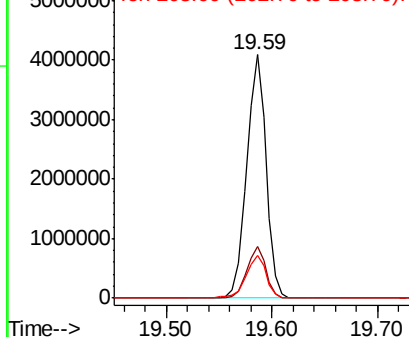
202 100

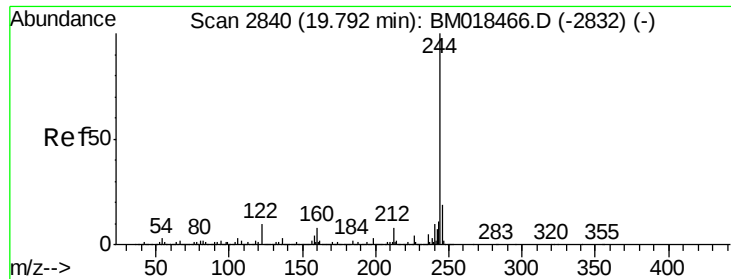
200 21.1 16.6 24.8

203 17.7 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





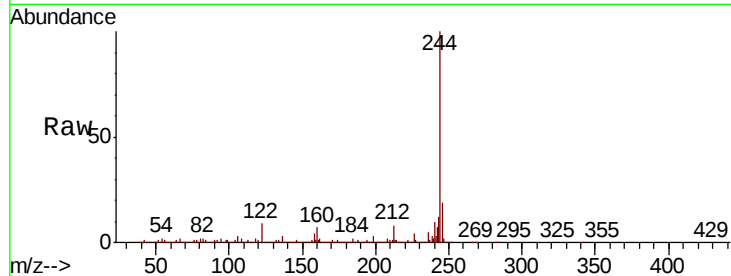
#79
 Terphenyl-d14
 Concen: 59.316 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Instrument :
 BNA_M
 ClientSampleId :
 PB116287BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.1	9.0	13.4

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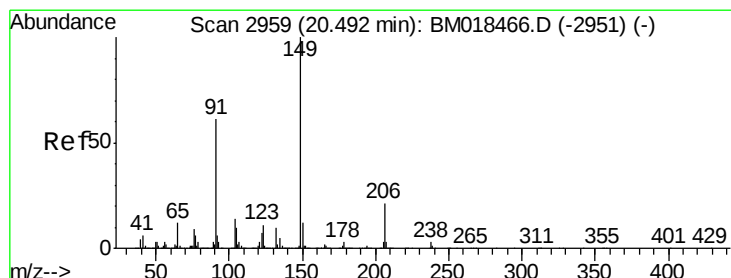
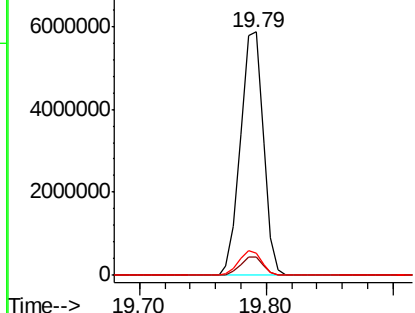
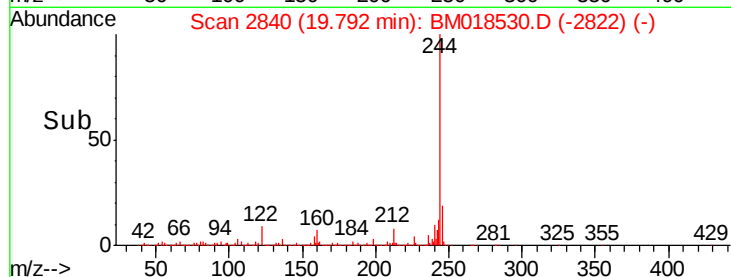


Abundance

Ion 244.00 (243.70 to 244.70): E

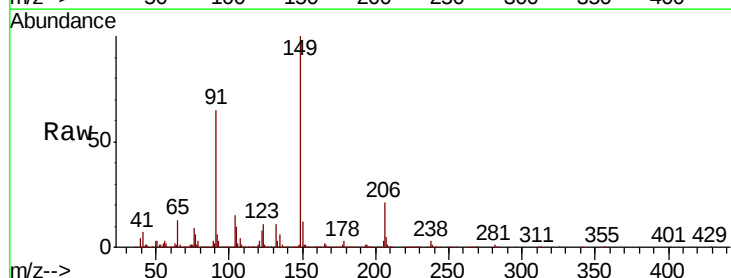
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 35.421 ng
 RT: 20.49 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: BM018530.D
 Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.0	53.1	79.7
206	20.7	16.2	24.4

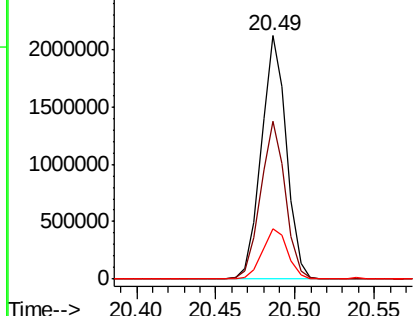
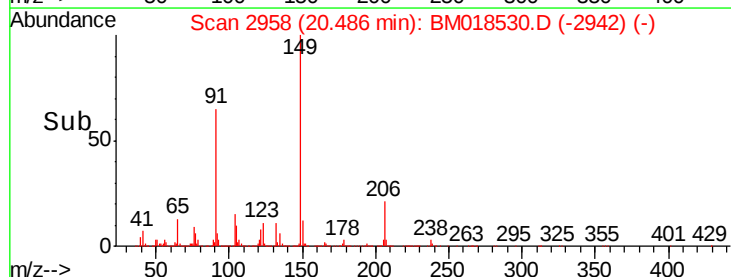


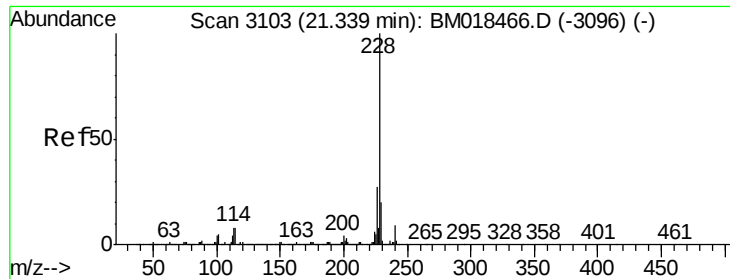
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.040 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

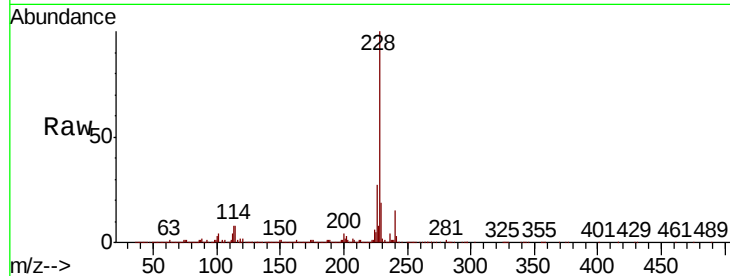
ClientSampleId :

PB116287BS

Tot Ion:	228	Resp:	4616551
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.4	15.8	23.8

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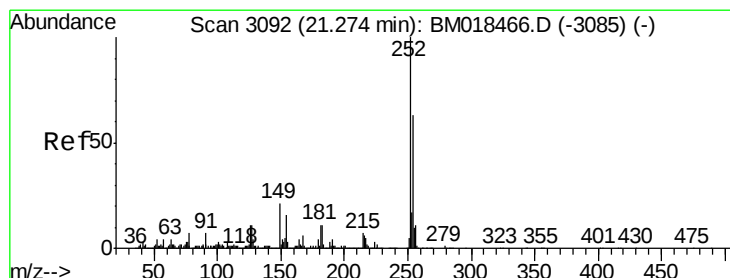
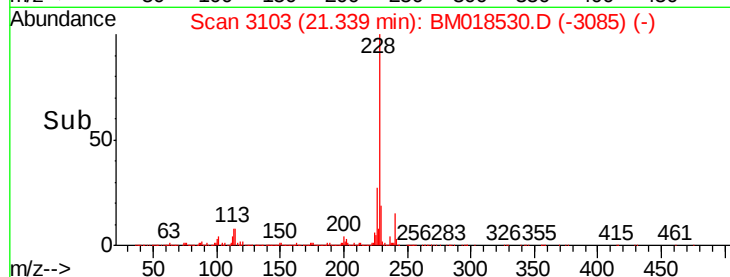
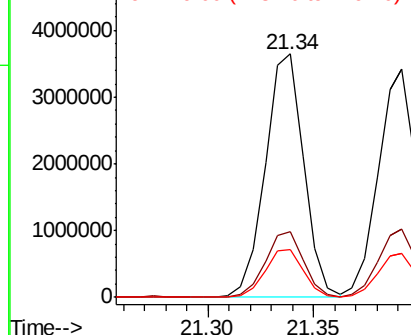


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.748 ng

RT: 21.27 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

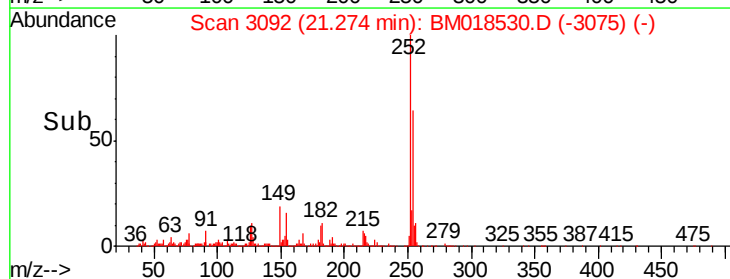
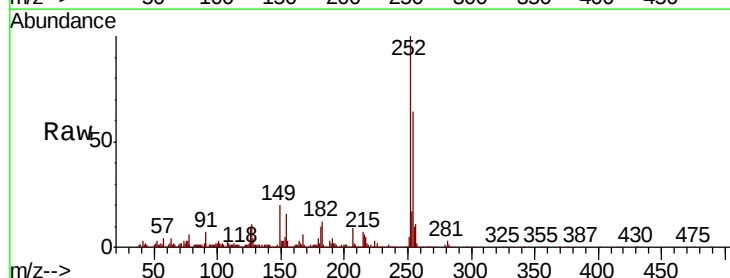
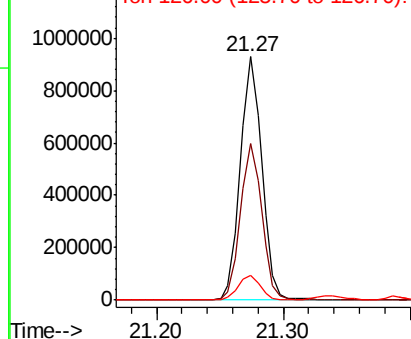
Tgt Ion:	252	Resp:	1089472
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	10.4	8.7	13.1

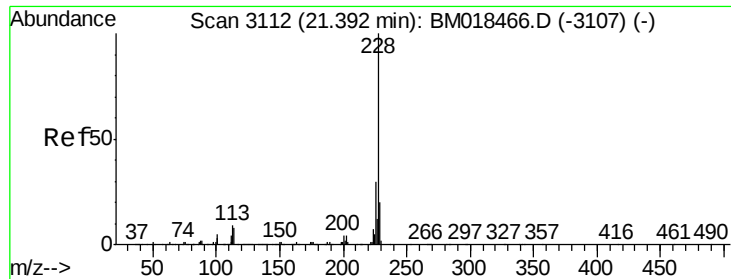
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 28.750 ng

RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampled :

PB116287BS

Tot Ion:228 Resp: 4266493

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.5	15.6	23.4

228 100

226 30.1 24.2 36.2

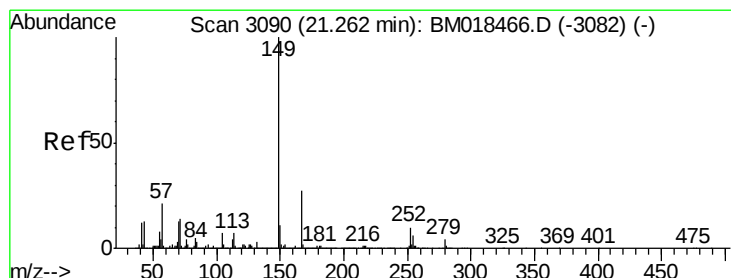
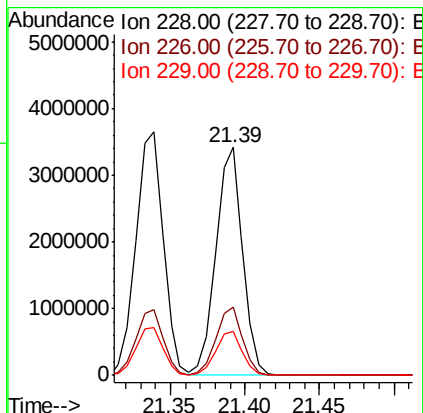
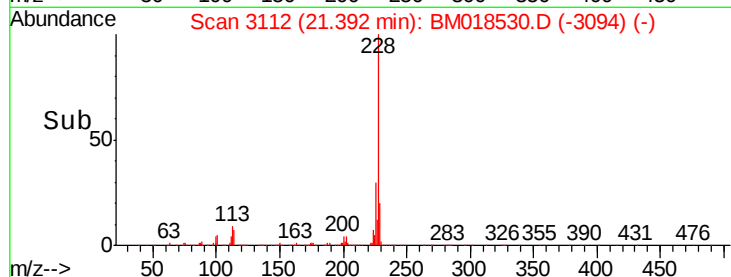
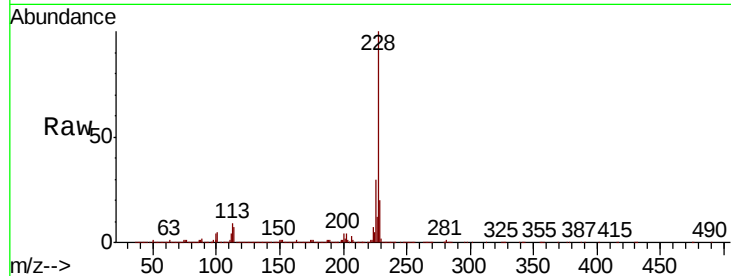
229 19.5 15.6 23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 34.797 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

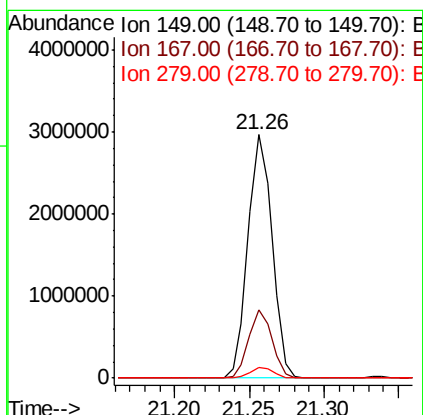
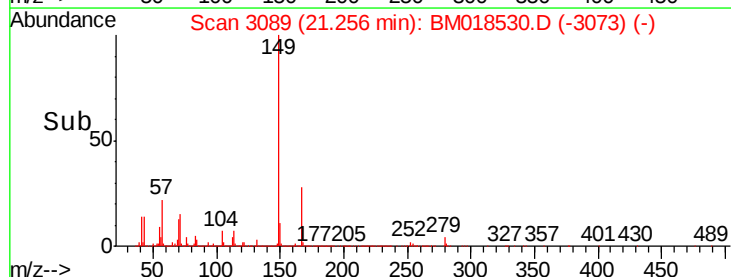
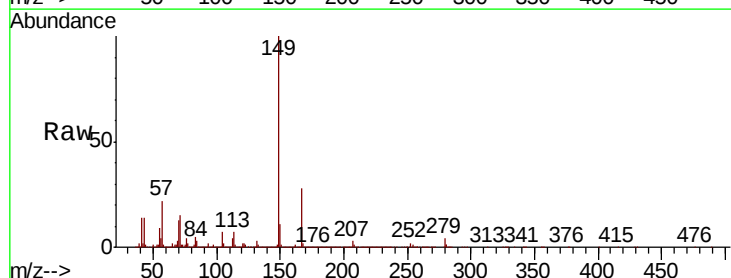
Tgt Ion:149 Resp: 3315385

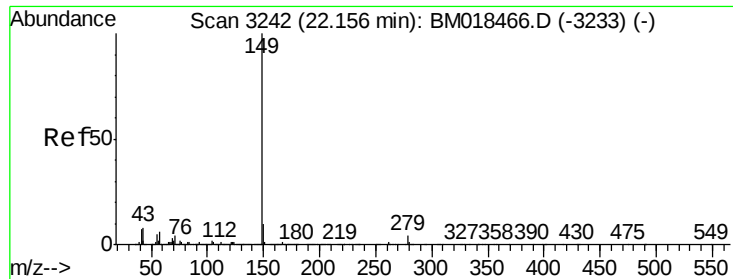
Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.1	3.3	4.9

149 100

167 27.8 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 33.827 ng

RT: 22.15 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

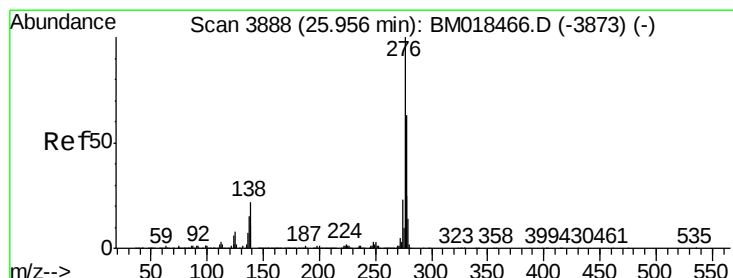
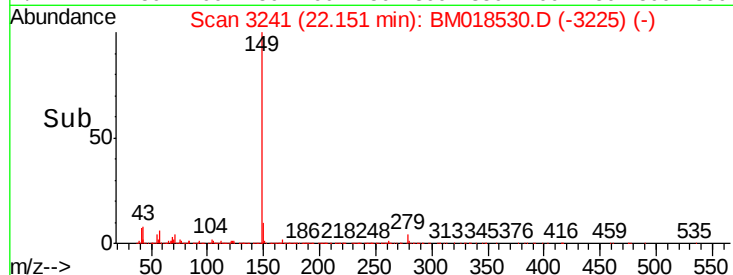
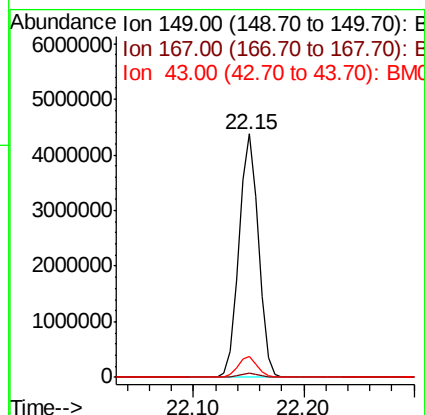
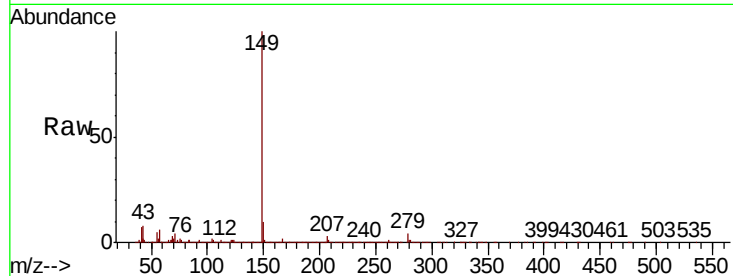
ClientSampled :

PB116287BS

Tot Ion:	149	Resp:	5420734
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	8.6	12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 25.164 ng

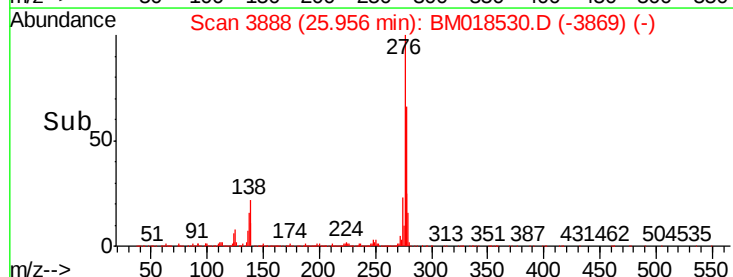
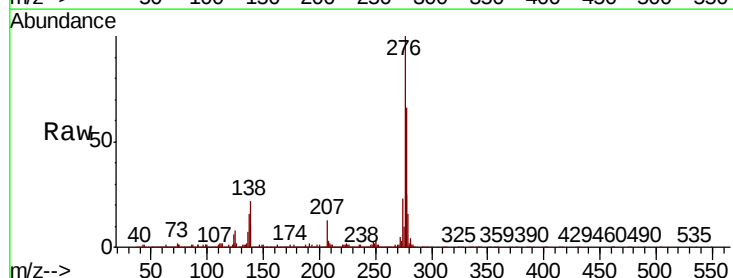
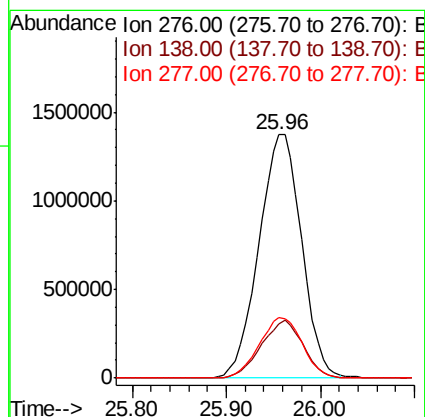
RT: 25.96 min Scan# 3888

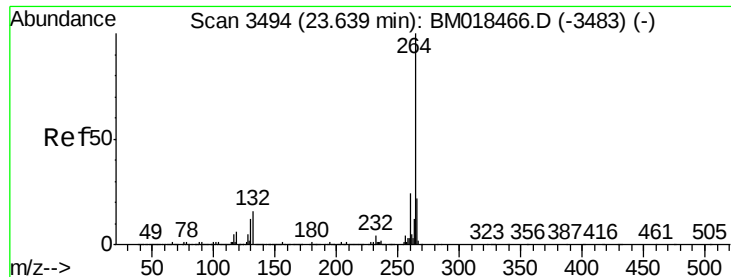
Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Tgt Ion:	276	Resp:	4306137
Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.5	32.3
277	25.0	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

Instrument :

BNA_M

ClientSampleId :

PB116287BS

Tot Ion:264 Resp: 2314772

Ion Ratio Lower Upper

264 100

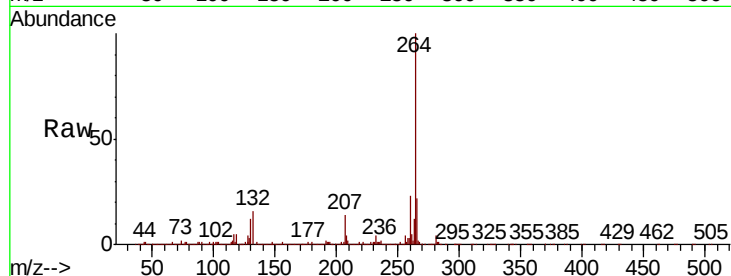
260 22.7 18.9 28.3

265 21.8 16.8 25.2

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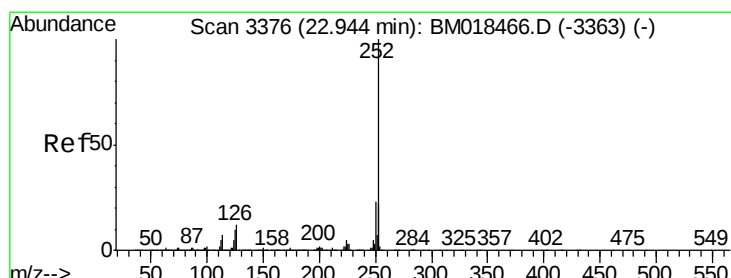
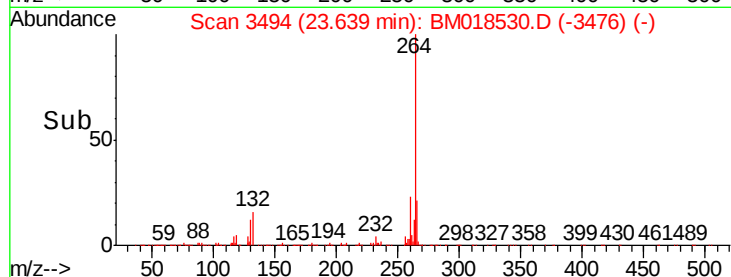
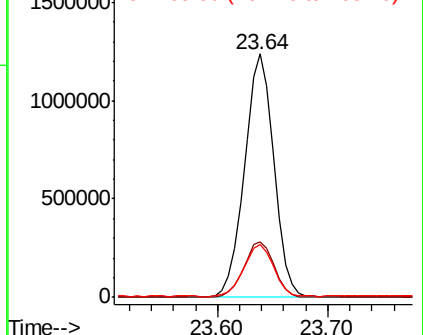


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 30.654 ng

RT: 22.94 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BM018530.D

Acq: 11 Jan 2019 06:58

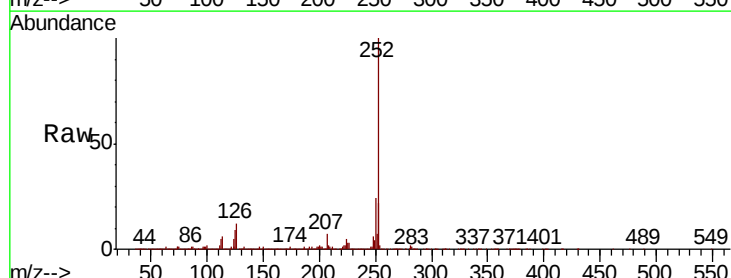
Tgt Ion:252 Resp: 4028380

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.5 8.5 12.7

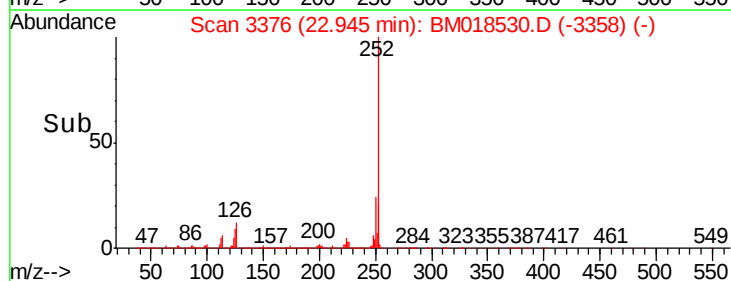
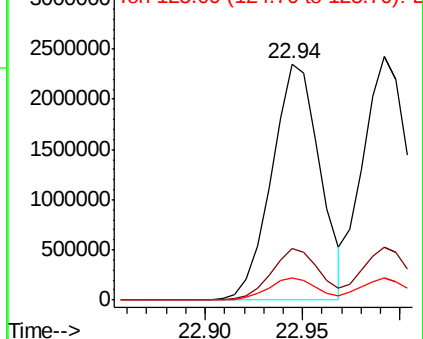


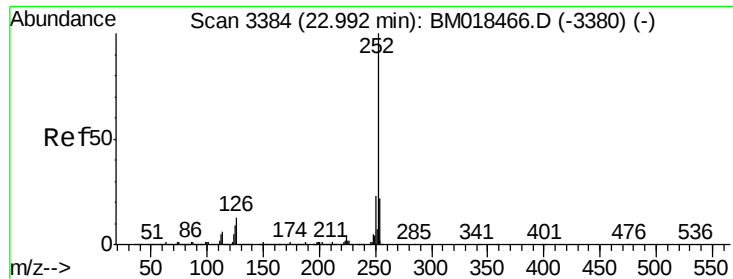
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





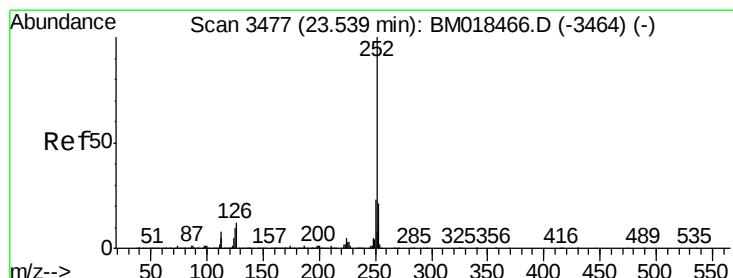
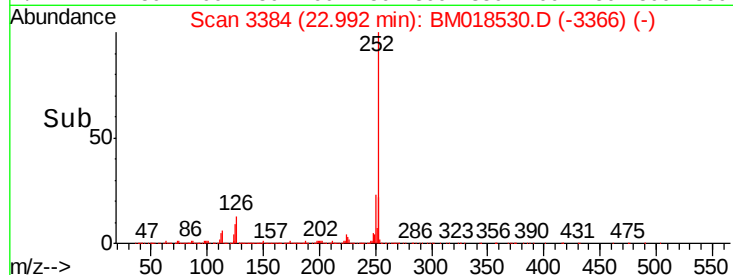
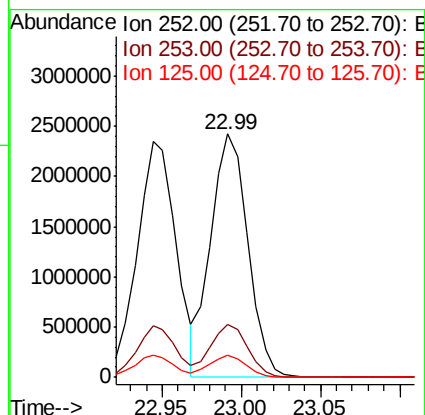
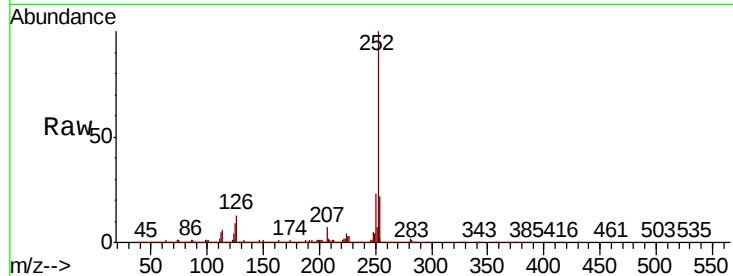
#89
Benzo(k)fluoranthene
Concen: 29.735 ng
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion:252 Resp: 3938027
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.4 8.6 12.8

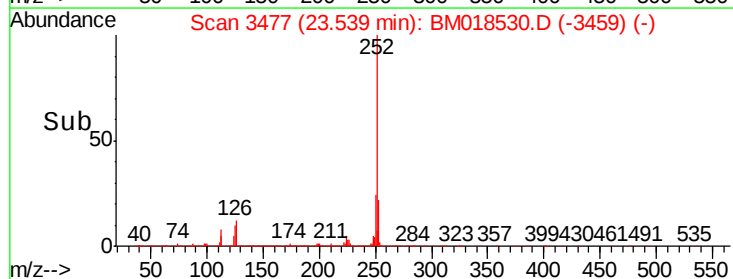
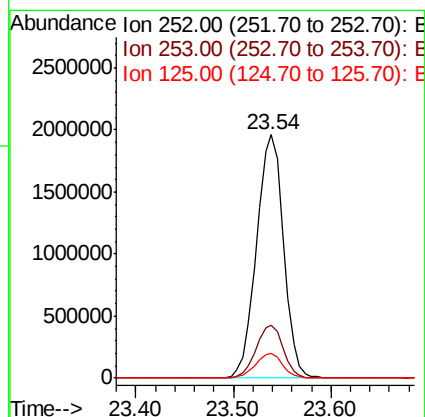
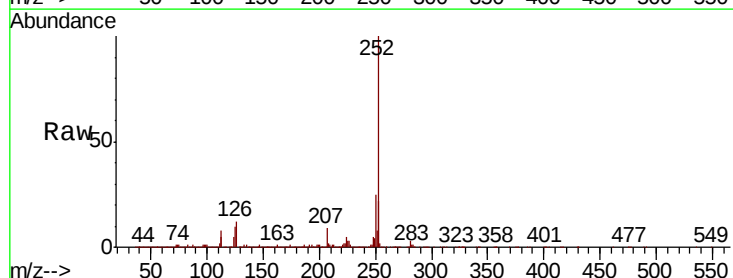
Manual Integrations
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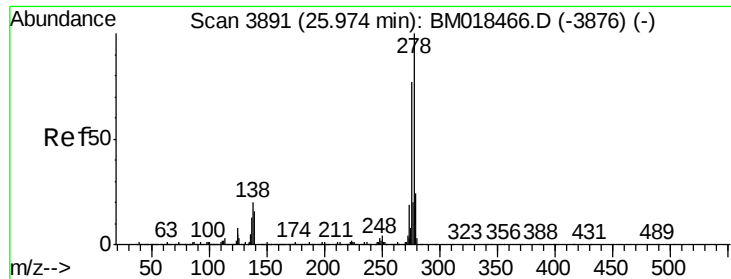
Sohil
1/11/2019 4:41:16 PM



#90
Benzo(a)pyrene
Concen: 30.195 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion:252 Resp: 3798817
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.2 9.7 14.5





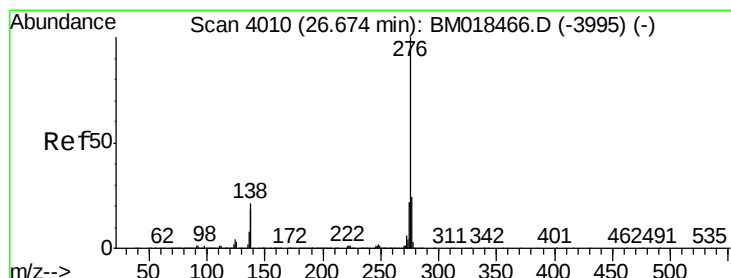
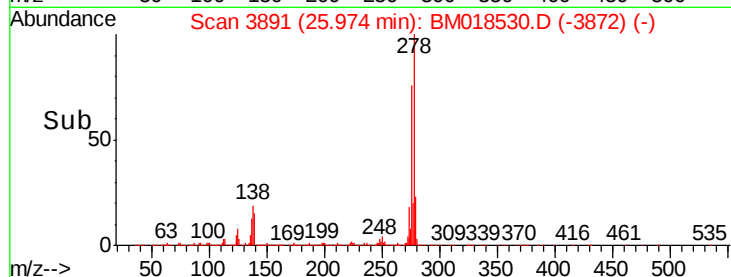
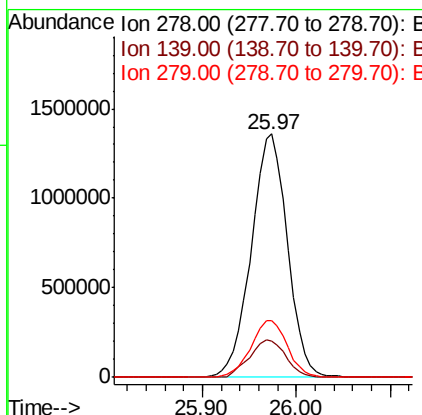
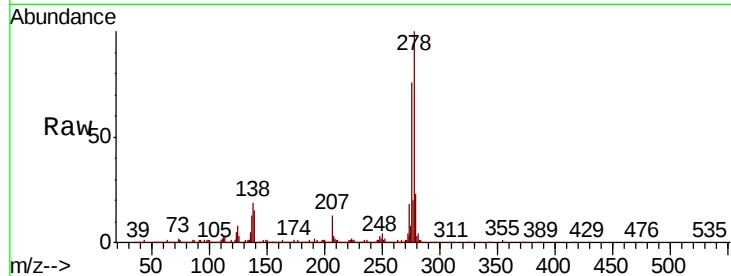
#91
Dibenzo(a,h)anthracene
Concen: 28.362 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.2	19.8
279	23.5	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/11/2019 4:41:16 PM



#92
Benzo(g,h,i)perylene
Concen: 28.755 ng
RT: 26.67 min Scan# 4010
Delta R.T. 0.02 min
Lab File: BM018530.D
Acq: 11 Jan 2019 06:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	19.3	18.1	27.1

