

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018677.D
 Acq On : 29 Jan 2019 14:44
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 1/30/2019 11:10:30 AM

Quant Time: Jan 30 00:14:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	241074	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	891836	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	461856	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1002852	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1067895	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1094643	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1099827	84.24	ng	-0.02
7) Phenol-d6	6.90	99	1387569	83.68	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1342751	87.28	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	475757	80.90	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2800982	79.13	ng	-0.01
79) Terphenyl-d14	19.76	244	4054984	80.05	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	233398	43.862	ng	# 84
3) Pyridine	3.66	79	604499	45.566	ng	# 77
4) n-Nitrosodimethylamine	3.58	42	175750	32.037	ng	# 52
6) Aniline	7.06	93	816659	44.150	ng	99
8) 2-Chlorophenol	7.29	128	596639	39.129	ng	99
9) Benzaldehyde	6.88	77	367526	37.950	ng	91
10) Phenol	6.92	94	704899	41.833	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	549366	41.492	ng	95
12) 1,3-Dichlorobenzene	7.61	146	700299	38.565	ng	96
13) 1,4-Dichlorobenzene	7.76	146	710864	38.623	ng	99
14) 1,2-Dichlorobenzene	8.08	146	672216	38.518	ng	99
15) Benzyl Alcohol	7.97	79	525451	43.872	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.26	45	484792	28.651	ng	75
17) 2-Methylphenol	8.17	107	456169	39.882	ng	97
18) Hexachloroethane	8.79	117	258235	39.351	ng	98
19) n-Nitroso-di-n-propylamine	8.53	70	453443	42.019	ng	# 75
20) 3+4-Methylphenols	8.49	107	626578	39.682	ng	98
22) Acetophenone	8.55	105	884432	40.089	ng	# 91
24) Nitrobenzene	8.93	77	668303	44.150	ng	96
25) Isophorone	9.45	82	977312	41.952	ng	97
26) 2-Nitrophenol	9.64	139	308425	42.139	ng	95
27) 2,4-Dimethylphenol	9.69	122	435376	39.685	ng	98
28) bis(2-Chloroethoxy)methane	9.93	93	674481	41.911	ng	98
29) 2,4-Dichlorophenol	10.16	162	524035	40.114	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	621714	38.343	ng	99
31) Naphthalene	10.56	128	1648852	38.389	ng	100
32) Benzoic acid	9.83	122	313173m	43.157	ng	
33) 4-Chloroaniline	10.69	127	709261	41.930	ng	98
34) Hexachlorobutadiene	10.83	225	400893	39.136	ng	99
35) Caprolactam	11.49	113	164626	37.066	ng	# 75
36) 4-Chloro-3-methylphenol	11.81	107	545526	39.804	ng	95
37) 2-Methylnaphthalene	12.18	142	1117809	36.835	ng	98
38) 1-Methylnaphthalene	12.40	142	1079557	36.766	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	659518	40.835	ng	98

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 SSTDCCC040

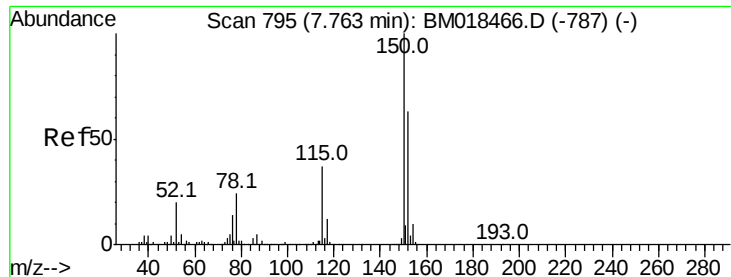
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 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	339303	38.278	nq	99
43) 2,4,6-Trichlorophenol	12.80	196	410979	41.903	nq	98
44) 2,4,5-Trichlorophenol	12.87	196	426592	41.357	nq	97
46) 1,1'-Biphenyl	13.20	154	1575931	39.079	nq	99
47) 2-Chloronaphthalene	13.25	162	1223708	39.131	nq	100
48) 2-Nitroaniline	13.47	65	334405	43.465	nq	97
49) Acenaphthylene	14.10	152	1782409	39.111	nq	99
50) Dimethylphthalate	13.84	163	1428744	37.667	nq	100
51) 2,6-Dinitrotoluene	13.96	165	313502	39.019	nq	96
52) Acenaphthene	14.44	154	1076432	38.603	nq	97
53) 3-Nitroaniline	14.30	138	330972	40.860	nq	93
54) 2,4-Dinitrophenol	14.50	184	145239	37.587	nq	93
55) Dibenzofuran	14.77	168	1750645	37.997	nq	98
56) 4-Nitrophenol	14.60	139	261821	37.415	nq	89
57) 2,4-Dinitrotoluene	14.75	165	428320	37.677	nq	94
58) Fluorene	15.43	166	1310495	38.183	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	362320	39.628	nq	98
60) Diethylphthalate	15.20	149	1431855	37.393	nq	100
61) 4-Chlorophenyl-phenylether	15.42	204	751004	37.966	nq	98
62) 4-Nitroaniline	15.46	138	315435	35.702	nq	93
63) Azobenzene	15.72	77	1384205	44.337	nq	92
65) 4,6-Dinitro-2-methylphenol	15.51	198	248643	39.921	nq	89
66) n-Nitrosodiphenylamine	15.64	169	1233586	39.655	nq	99
67) 4-Bromophenyl-phenylether	16.32	248	442587	39.438	nq	97
68) Hexachlorobenzene	16.42	284	490896	39.073	nq	99
69) Atrazine	16.60	200	423688	37.674	nq	98
70) Pentachlorophenol	16.77	266	331561	40.296	nq	98
71) Phenanthrene	17.17	178	2041706	38.276	nq	100
72) Anthracene	17.26	178	2011149	39.209	nq	100
73) Carbazole	17.54	167	2045971	38.824	nq	99
74) Di-n-butylphthalate	18.09	149	2318642	40.167	nq	100
75) Fluoranthene	19.19	202	2349752	38.208	nq	99
77) Benzidine	19.39	184	1155520	43.823	nq	100
78) Pyrene	19.56	202	2472888	39.067	nq	100
80) Butylbenzylphthalate	20.46	149	1060035	39.245	nq	95
81) Benzo(a)anthracene	21.30	228	2431004	38.642	nq	99
82) 3,3'-Dichlorobenzidine	21.24	252	963535	40.502	nq	99
83) Chrysene	21.36	228	2343674	38.579	nq	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1527488	39.163	nq	99
85) Di-n-octyl phthalate	22.12	149	2599677	39.629	nq	# 91
86) Indeno(1,2,3-cd)pyrene	25.89	276	2782450	39.720	nq	97
88) Benzo(b)fluoranthene	22.90	252	2440074	39.264	nq	99
89) Benzo(k)fluoranthene	22.95	252	2354998	37.602	nq	98
90) Benzo(a)pyrene	23.49	252	2295006	38.575	nq	98
91) Dibenzo(a,h)anthracene	25.90	278	2356681	39.093	nq	99
92) Benzo(g,h,i)perylene	26.60	276	2309797	39.374	nq	98

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



#1

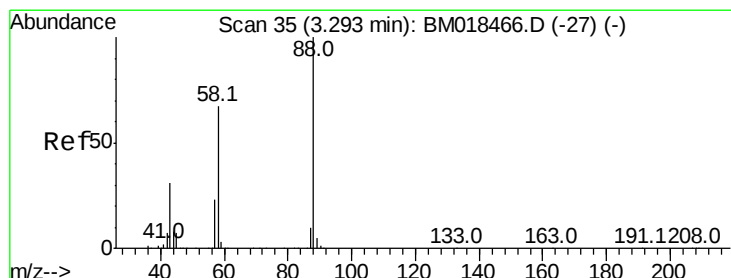
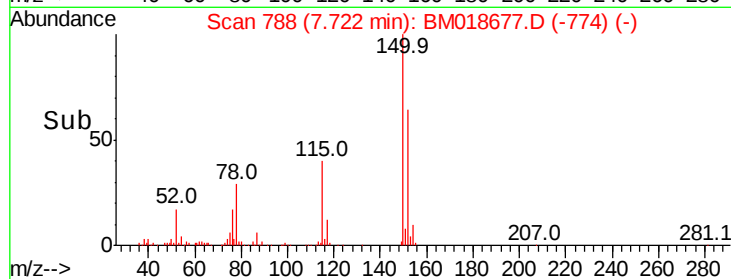
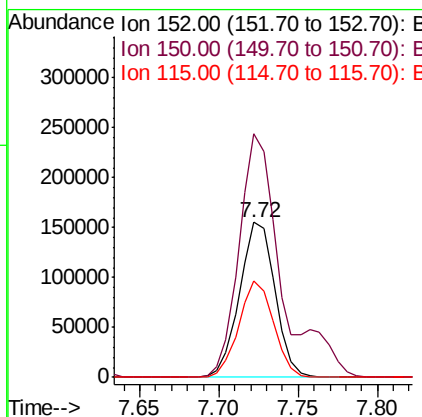
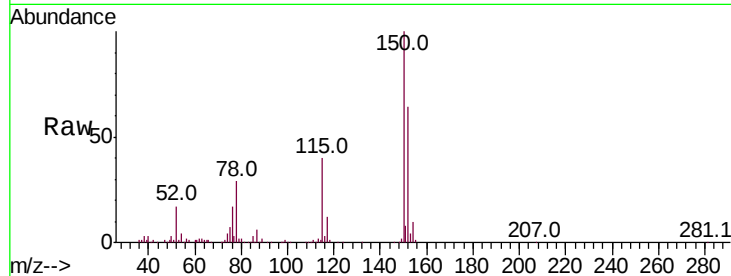
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	62.2	45.5	68.3

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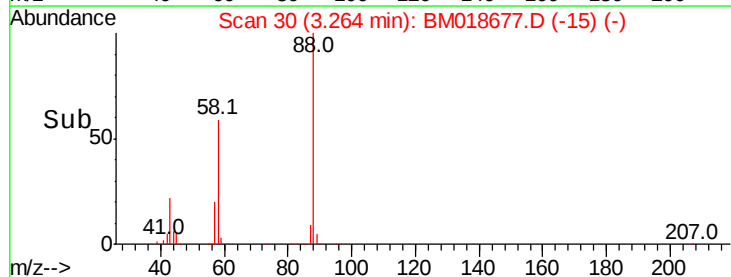
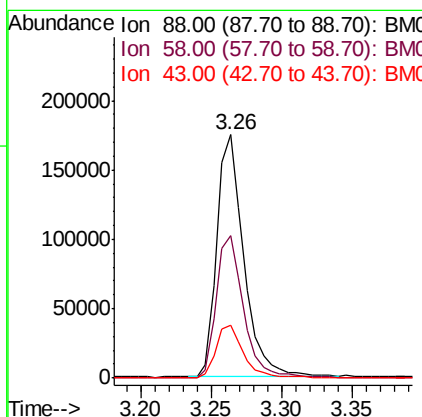
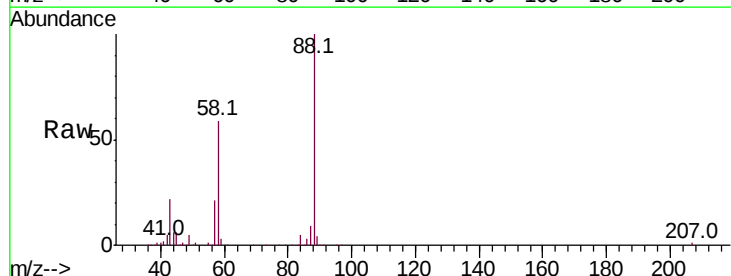
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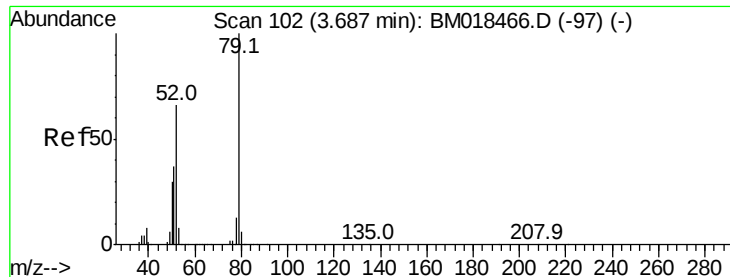


#2

1,4-Dioxane
Concen: 43.862 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	58.4	87.6
43	23.0	26.2	39.4





#3

Pvridine

Concen: 45.566 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 604499

Ion Ratio Lower Upper

79 100

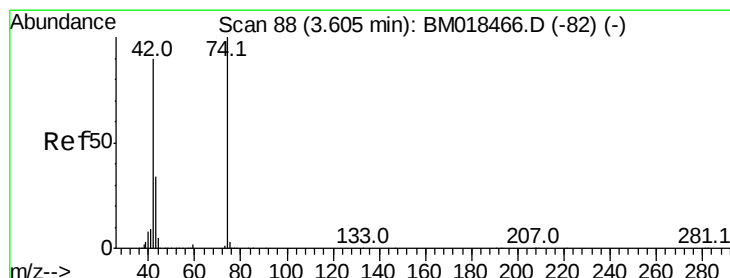
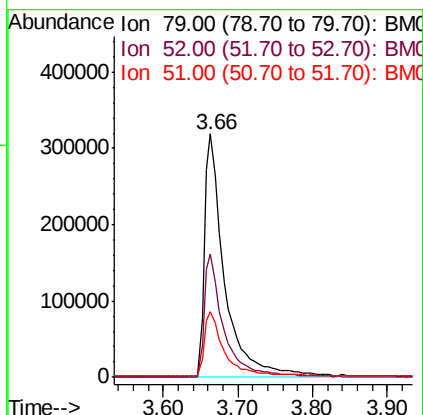
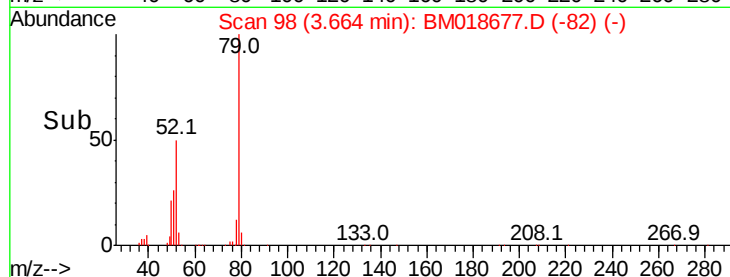
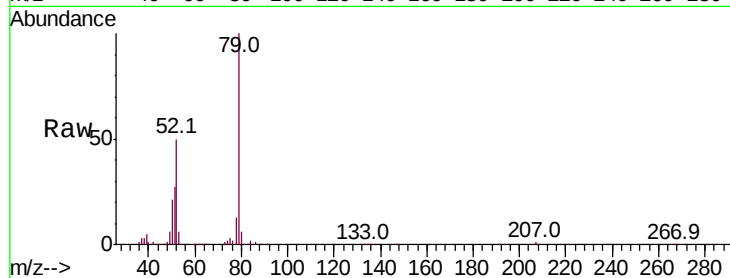
52 50.4 56.4 84.6#

51 26.9 31.0 46.4#

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#4

n-Nitrosodimethylamine

Concen: 32.037 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

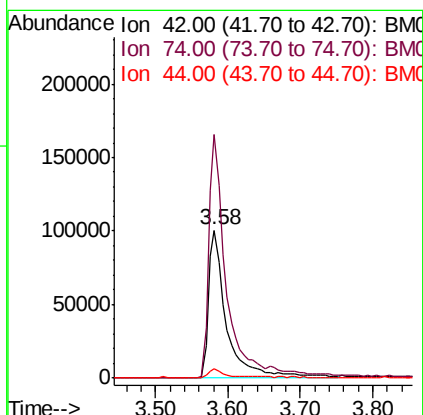
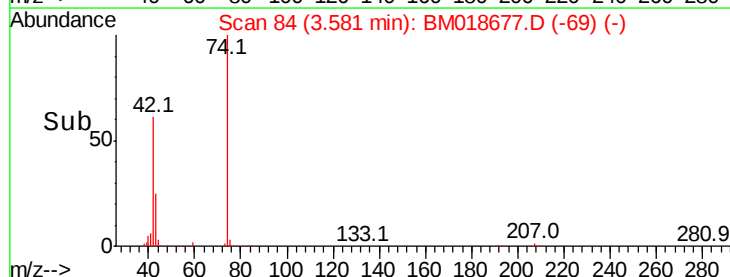
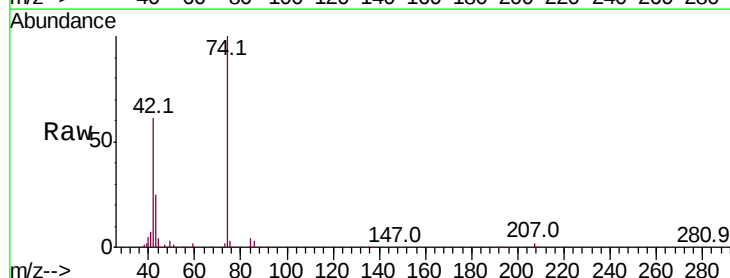
Tgt Ion: 42 Resp: 175750

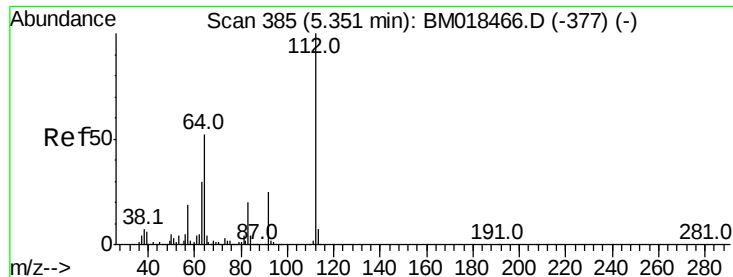
Ion Ratio Lower Upper

42 100

74 164.4 88.6 132.8#

44 6.1 16.9 25.3#





#5

2-Fluorophenol

Concen: 84.241 ng

RT: 5.31 min Scan# 378

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

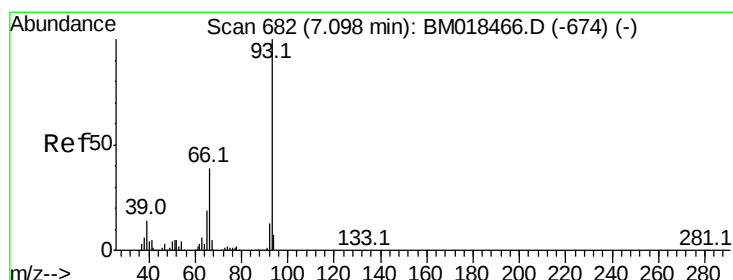
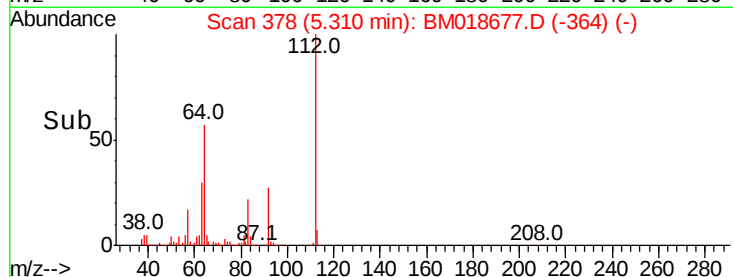
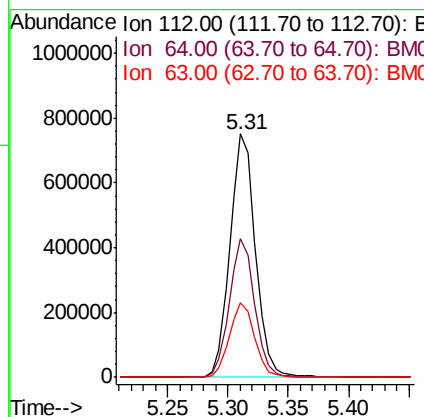
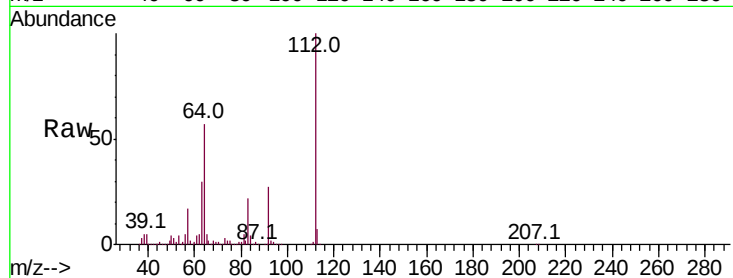
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1099827
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.5	69.7
63	30.5	25.2	37.8

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#6

Aniline

Concen: 44.150 ng

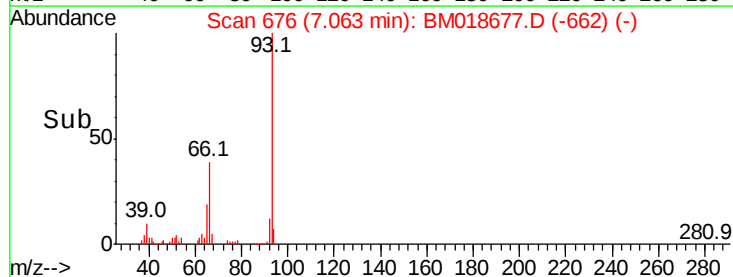
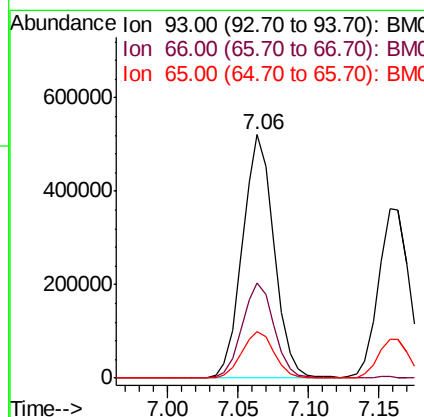
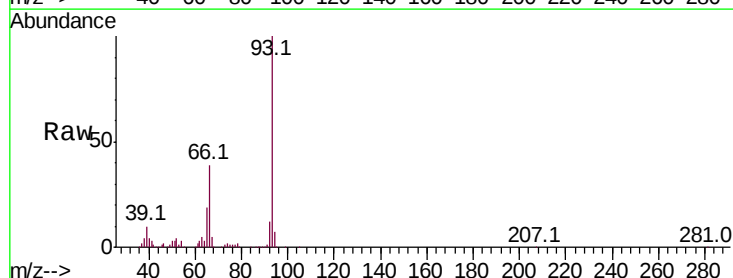
RT: 7.06 min Scan# 676

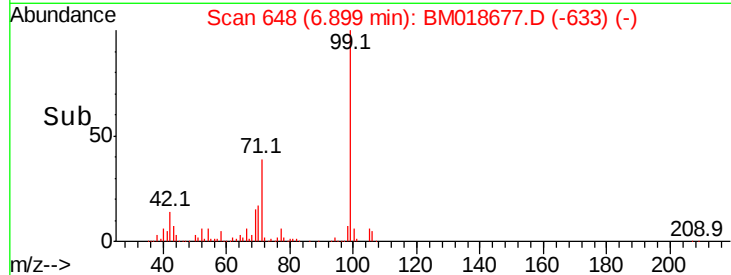
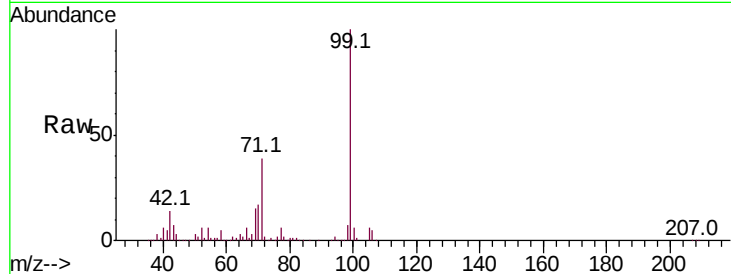
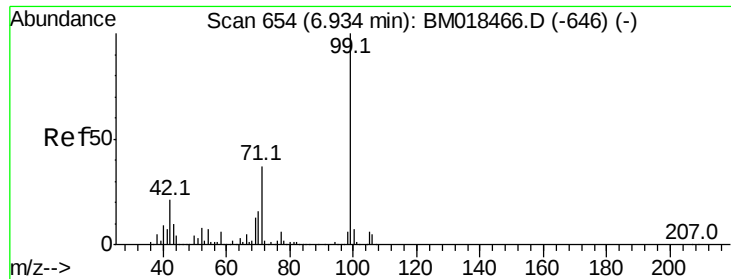
Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion:	93	Resp:	816659
Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.7	47.5
65	19.1	15.9	23.9





#7

Phenol-d6

Concen: 83.677 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tot Ion: 99 Resp: 1387569

Ion Ratio Lower Upper

99 100

42 14.2 17.3 25.9#

71 39.3 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

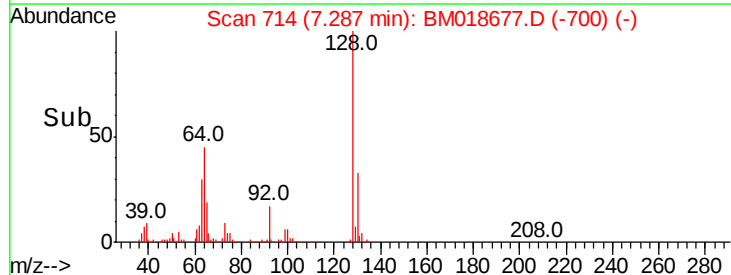
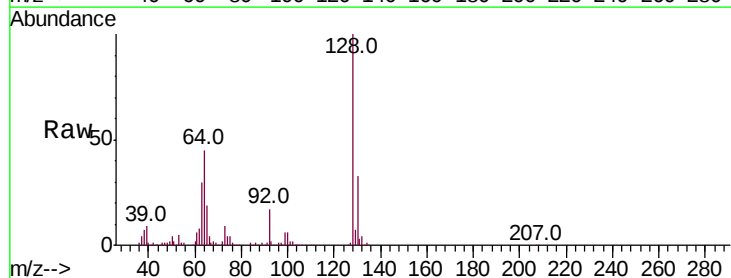
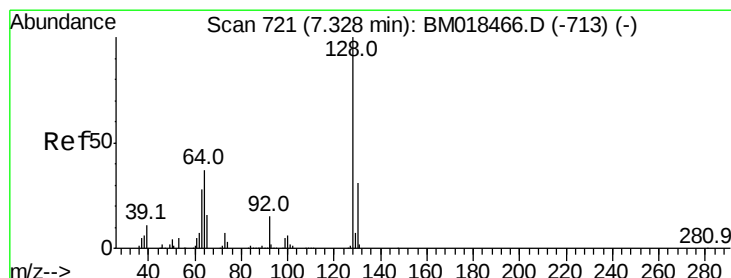
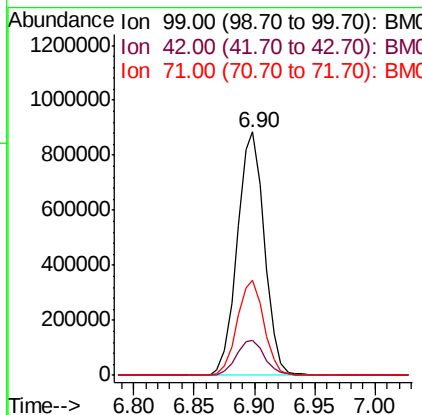
SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.129 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

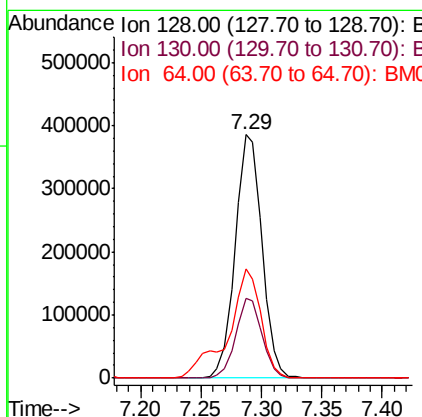
Tgt Ion:128 Resp: 596639

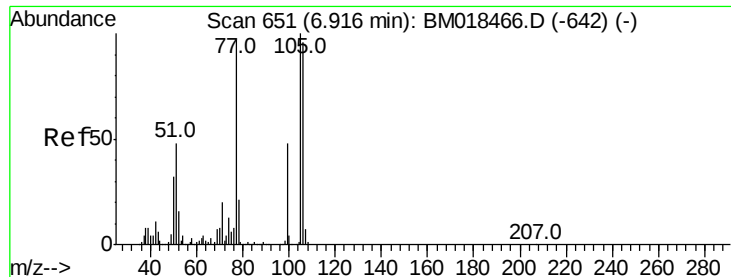
Ion Ratio Lower Upper

128 100

130 32.7 13.6 53.6

64 44.9 24.8 64.8





#9

Benzaldehyde

Concen: 37.950 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

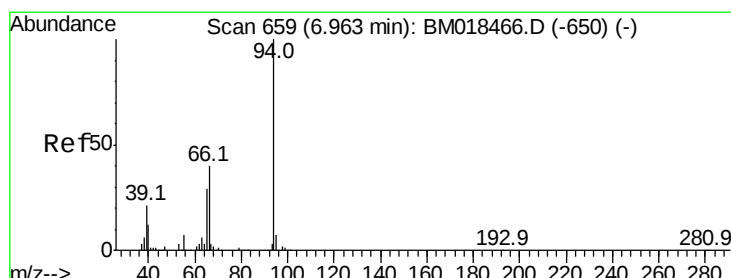
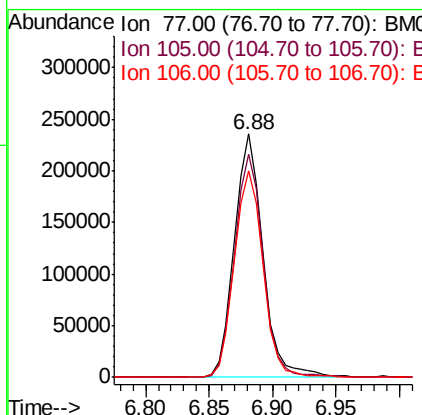
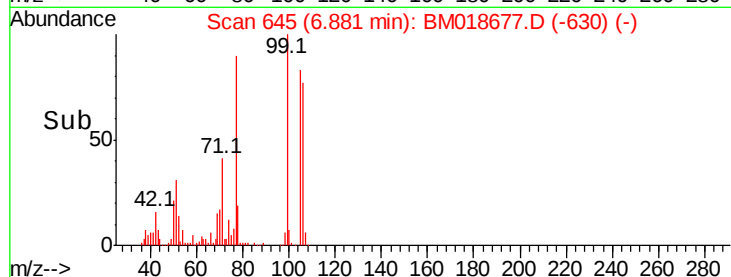
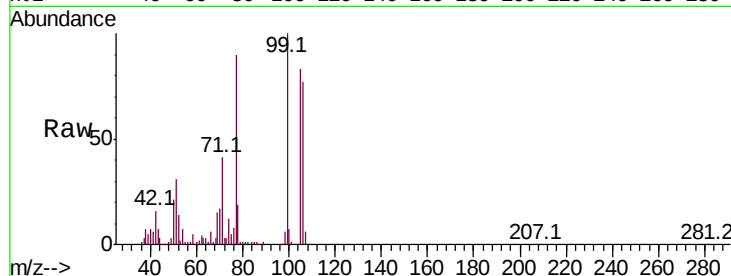
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.4	79.7	119.7
106	84.9	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 41.833 ng

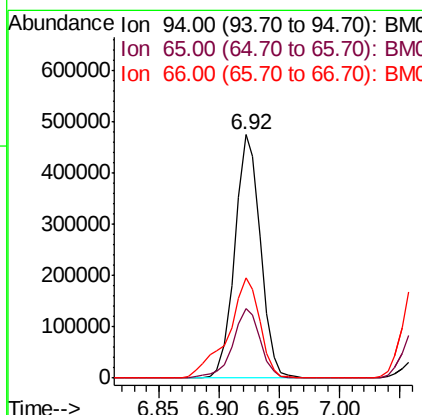
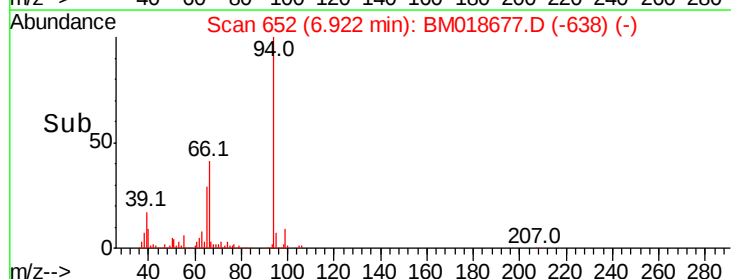
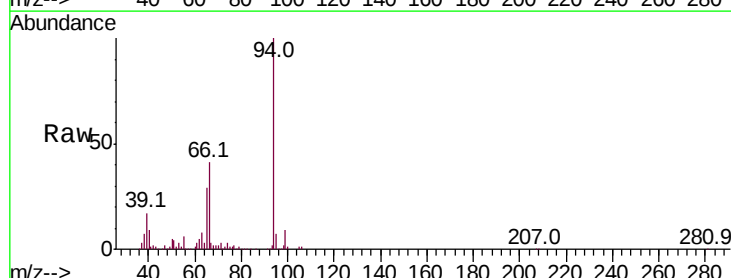
RT: 6.92 min Scan# 652

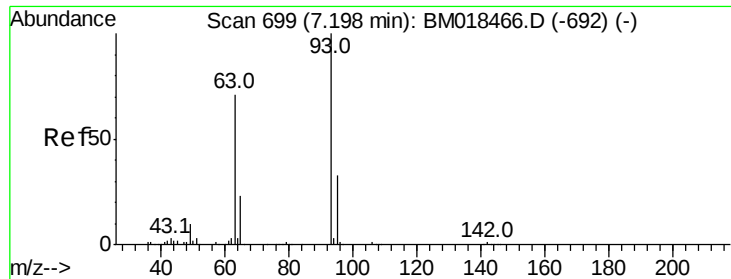
Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.4	49.4
66	41.0	19.1	59.1





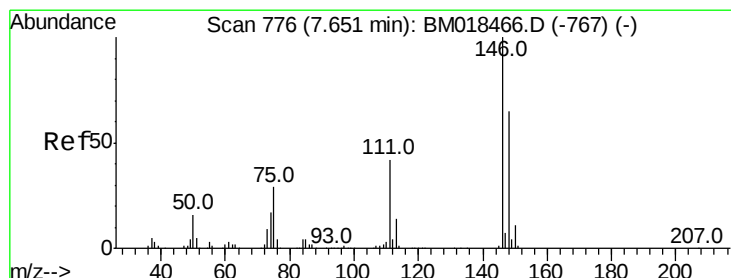
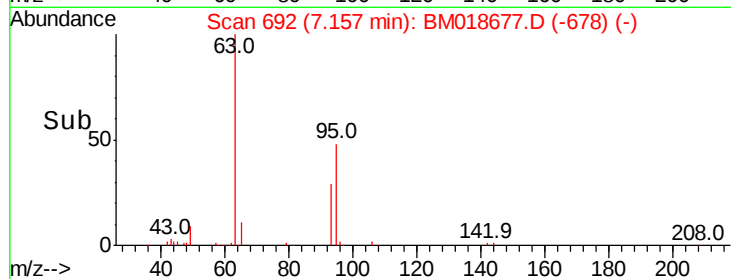
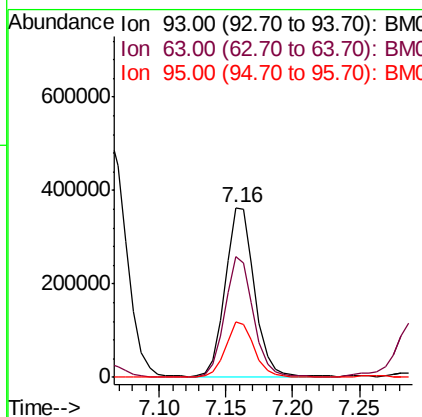
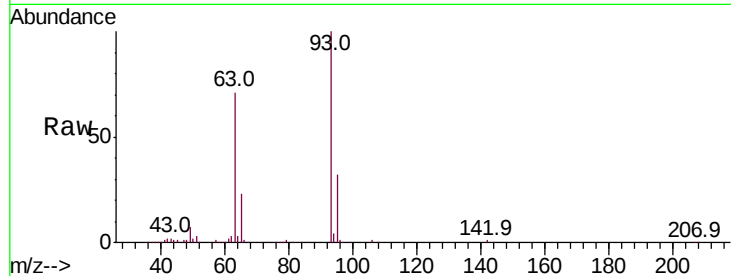
#11
bis(2-Chloroethyl)ether
Concen: 41.492 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	56.4	96.4
95	32.4	12.7	52.7

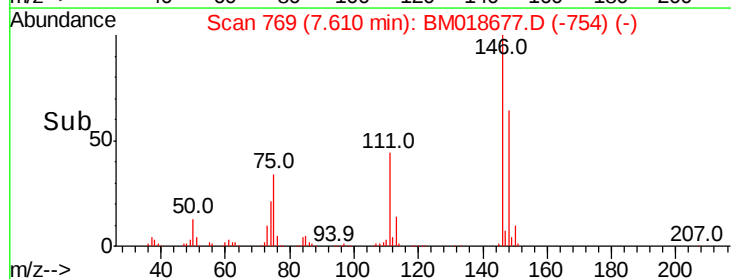
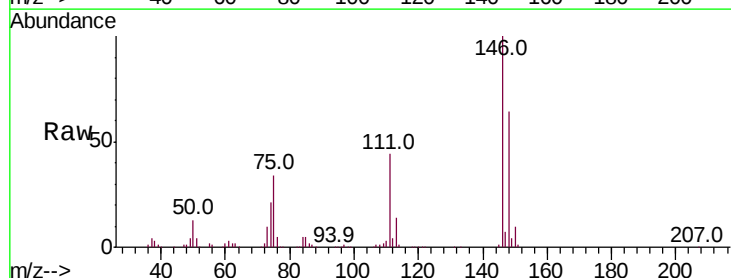
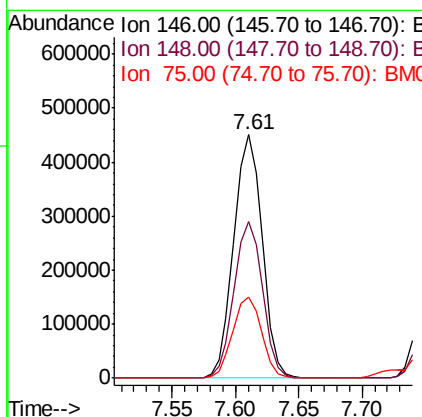
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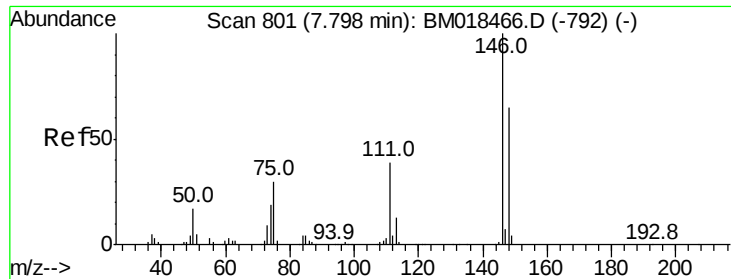
mohammad
1/30/2019 11:10:30 AM



#12
1,3-Dichlorobenzene
Concen: 38.565 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	33.6	23.0	34.6





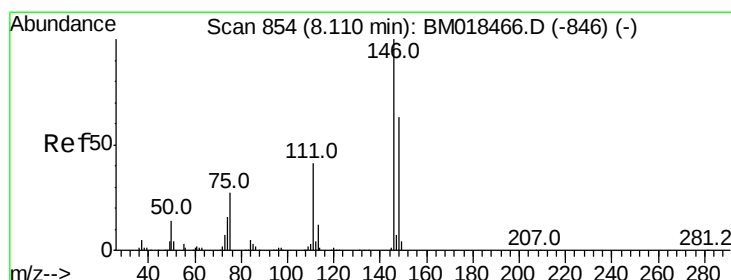
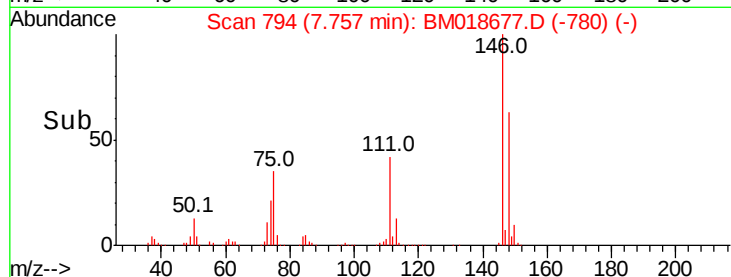
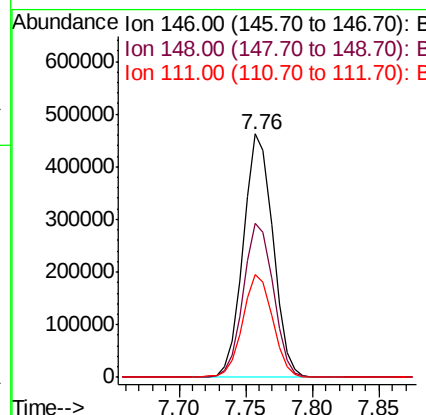
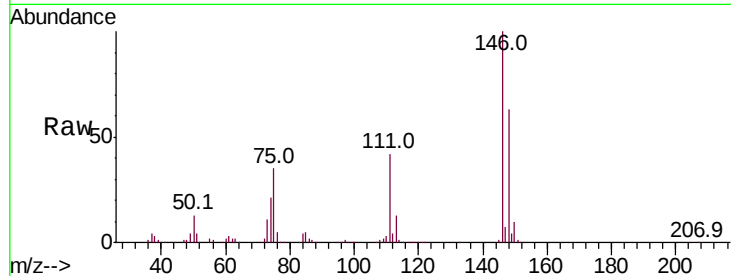
#13
1,4-Dichlorobenzene
Concen: 38.623 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.1	32.2	48.2

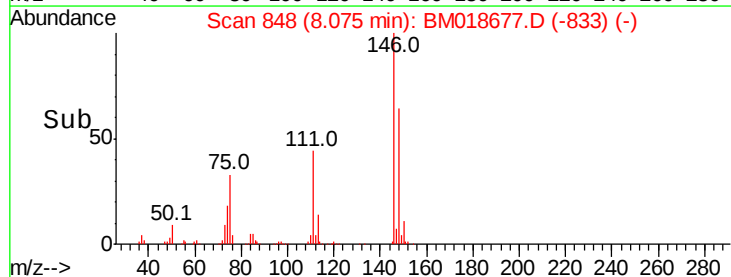
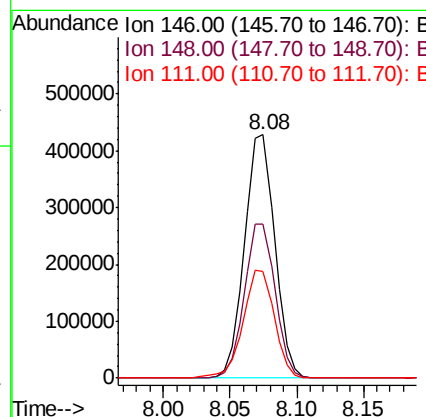
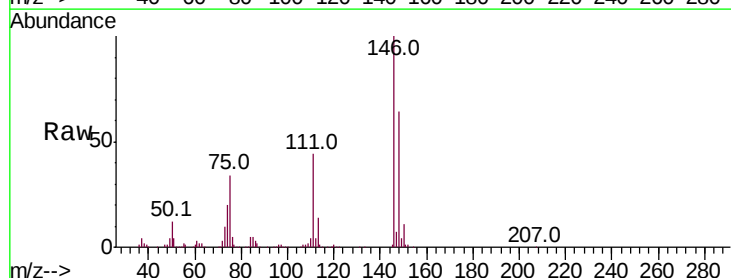
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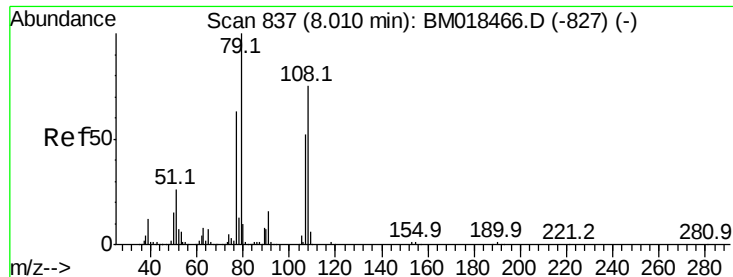
mohammad
1/30/2019 11:10:30 AM



#14
1,2-Dichlorobenzene
Concen: 38.518 ng
RT: 8.08 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	43.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.872 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

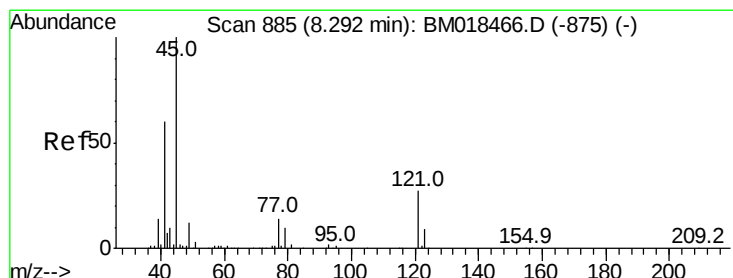
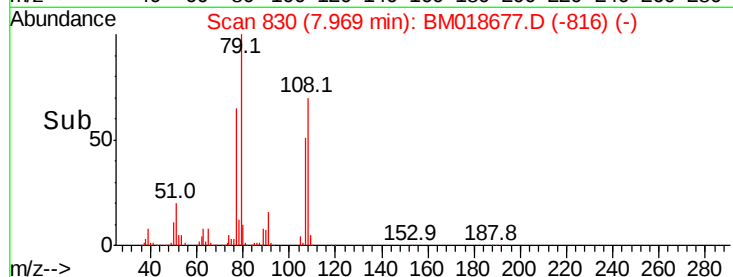
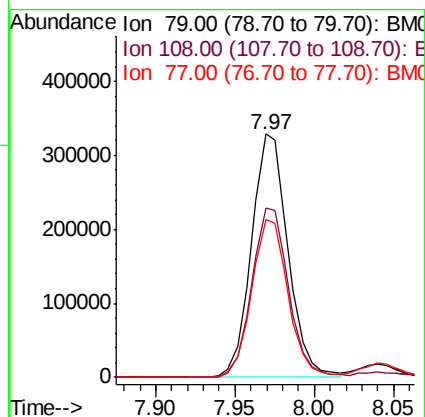
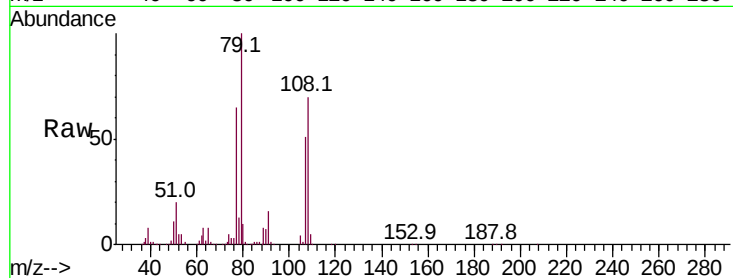
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	525451
Ion Ratio	Lower	Upper	
79	100		
108	69.7	60.4	90.6
77	64.8	53.4	80.2

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mohammad
1/30/2019 11:10:30 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.651 ng

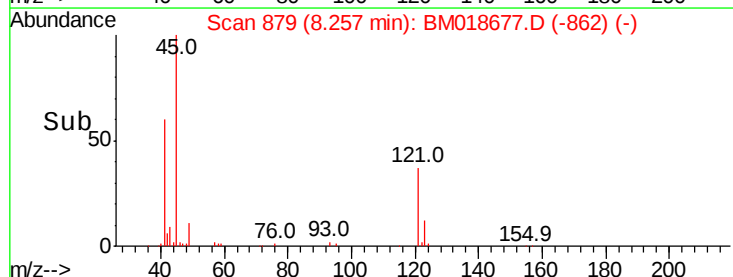
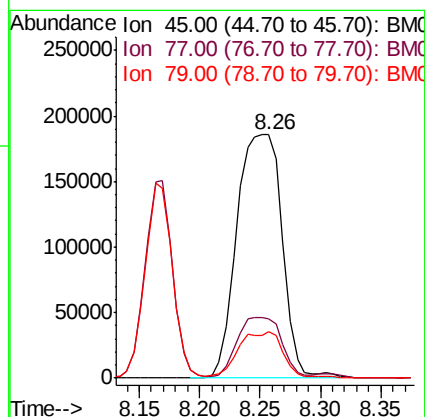
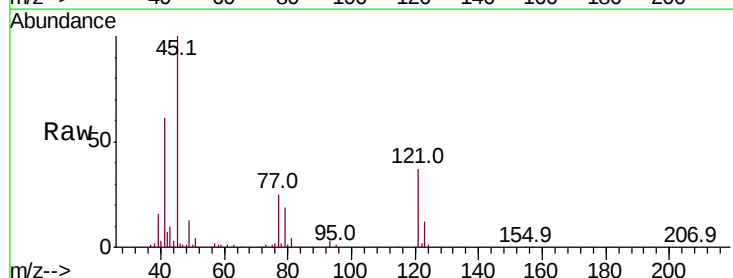
RT: 8.26 min Scan# 879

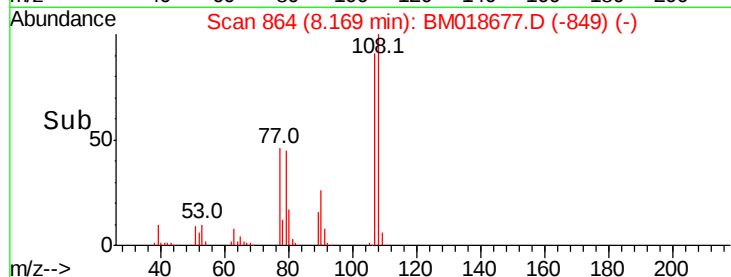
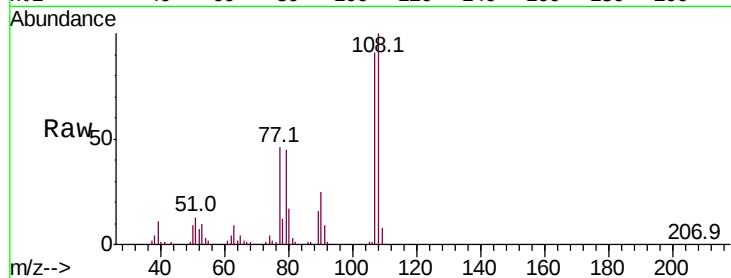
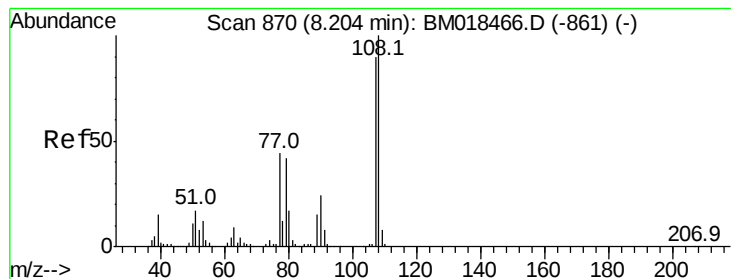
Delta R.T. 0.00 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion:	45	Resp:	484792
Ion Ratio	Lower	Upper	
45	100		
77	24.6	0.0	33.4
79	19.0	0.0	31.1





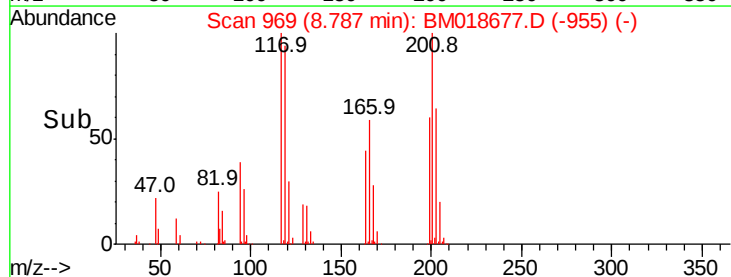
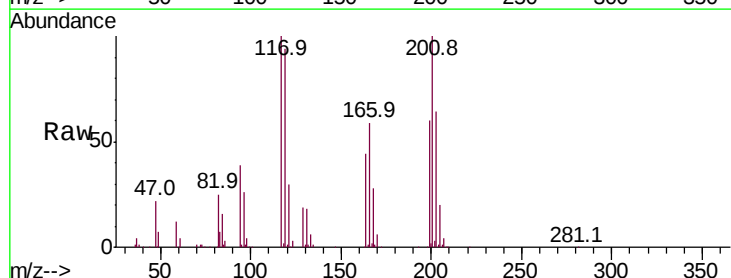
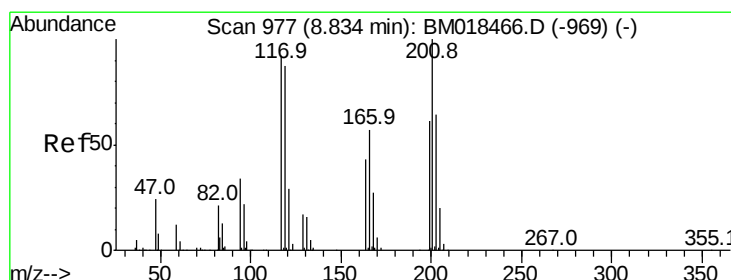
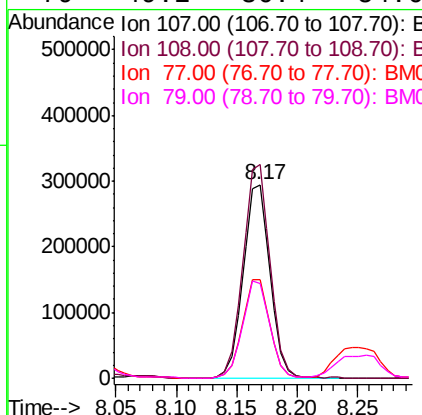
#17
2-Methylphenol
Concen: 39.882 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	87.5	131.3	
77	51.1	37.3	55.9	
79	49.2	36.4	54.6	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

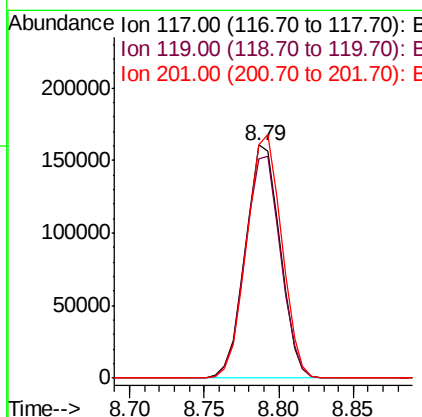
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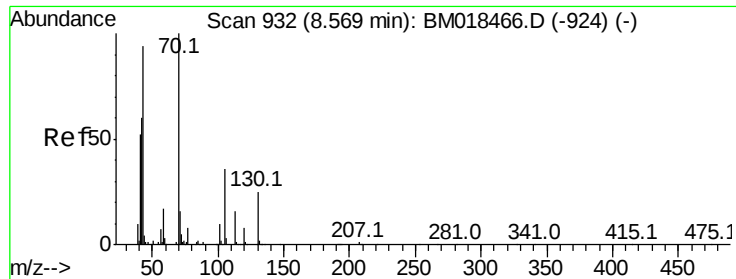
mohammad
1/30/2019 11:10:30 AM



#18
Hexachloroethane
Concen: 39.351 ng
RT: 8.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	78.3	117.5	
201	100.4	81.4	122.0	





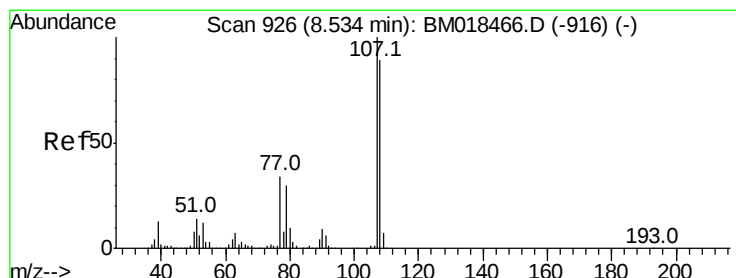
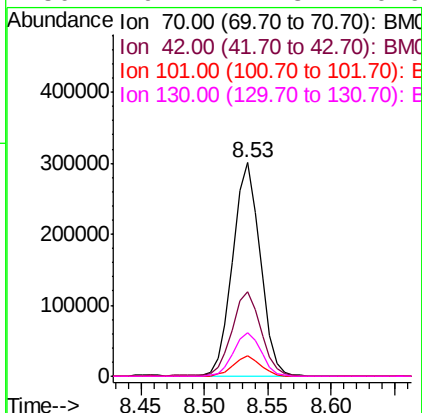
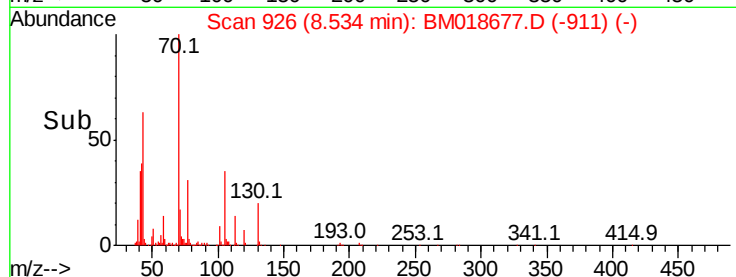
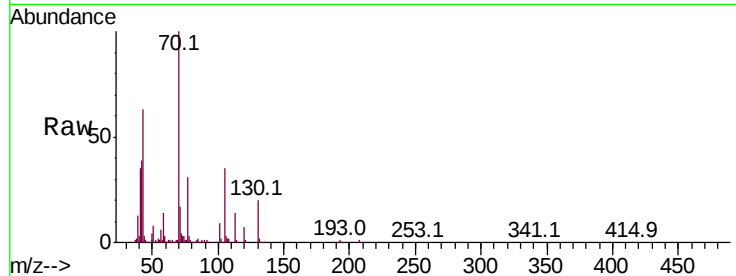
#19
n-Nitroso-di-n-propylamine
Concen: 42.019 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.4	54.0	81.0#
101	9.4	8.1	12.1
130	20.1	17.8	26.6

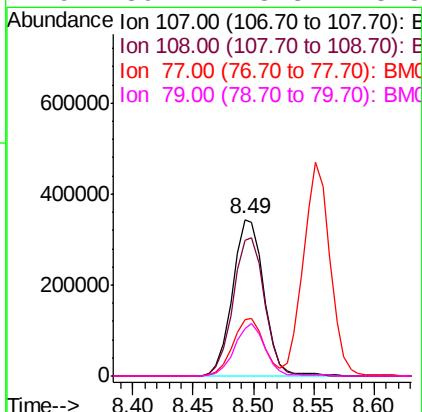
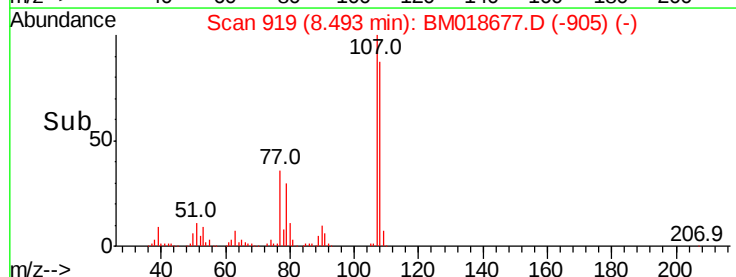
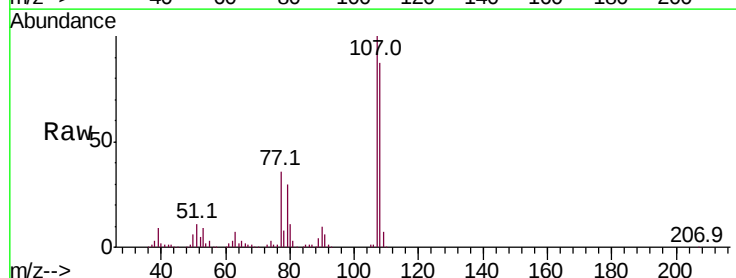
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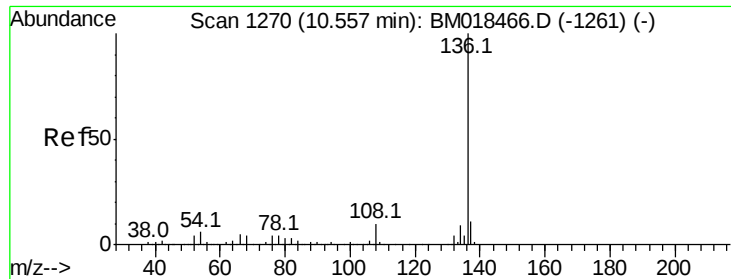
mohammad
1/30/2019 11:10:30 AM



#20
3+4-Methylphenols
Concen: 39.682 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.8	106.8
77	36.1	13.3	53.3
79	30.4	8.8	48.8





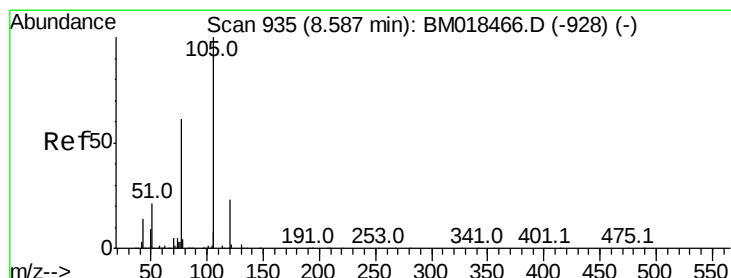
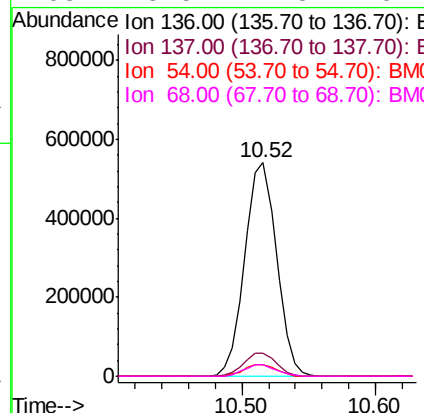
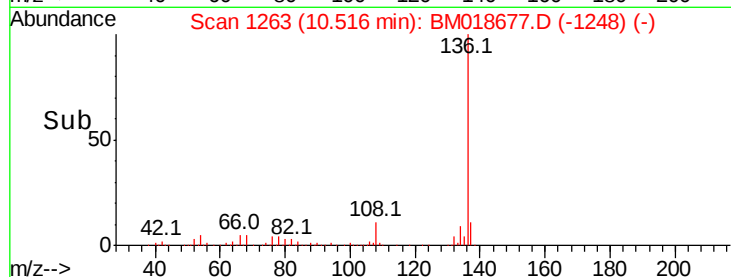
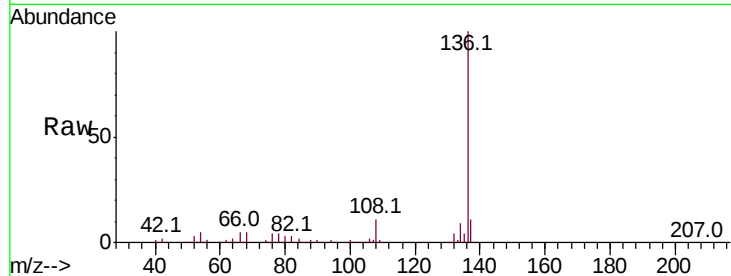
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	5.4	6.0	9.0	
68	5.5	4.5	6.7	

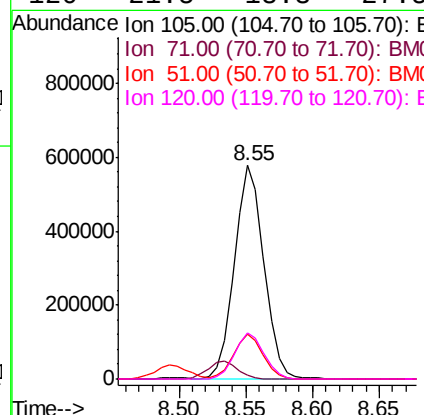
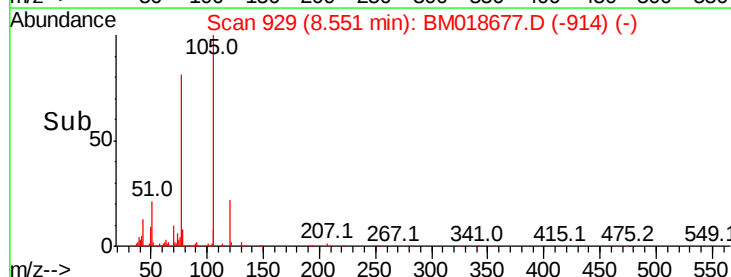
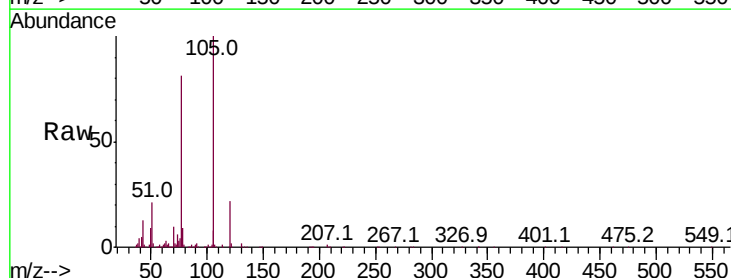
Manual Integrations
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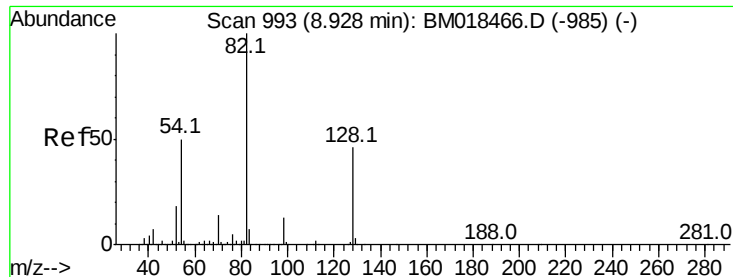
mohammad
1/30/2019 11:10:30 AM



#22
Acetophenone
Concen: 40.089 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	1.7	2.5	
51	20.8	22.6	34.0	
120	21.5	18.3	27.5	





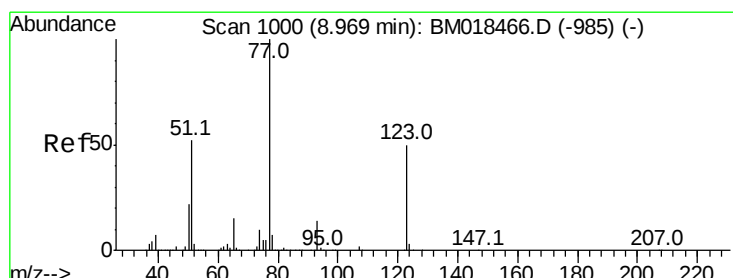
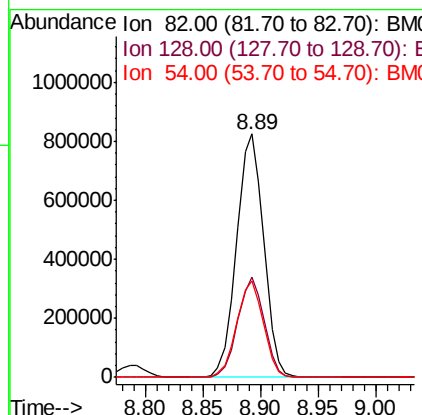
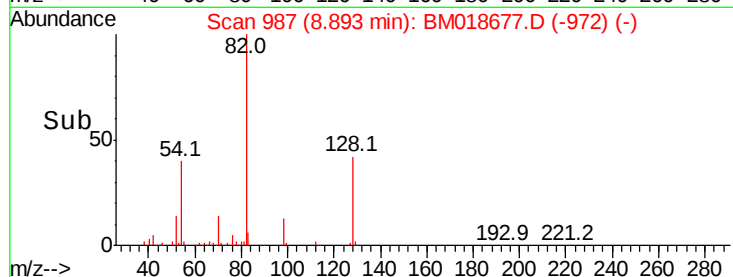
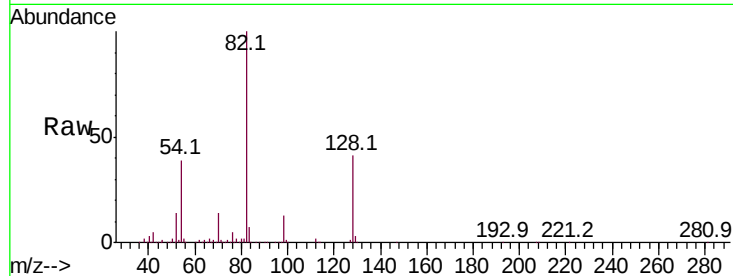
#23
Nitrobenzene-d5
Concen: 87.281 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.3	54.5
54	39.5	41.7	62.5#

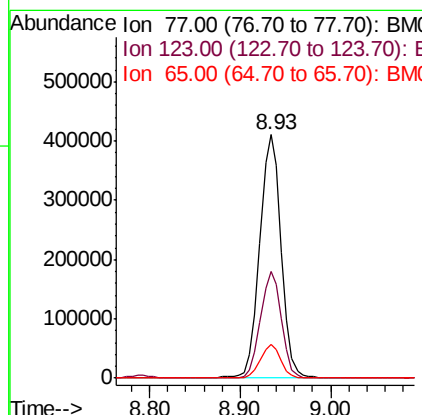
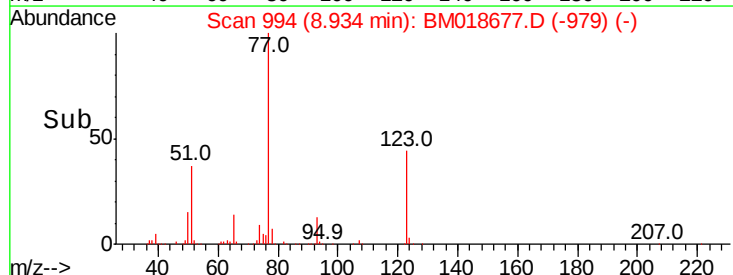
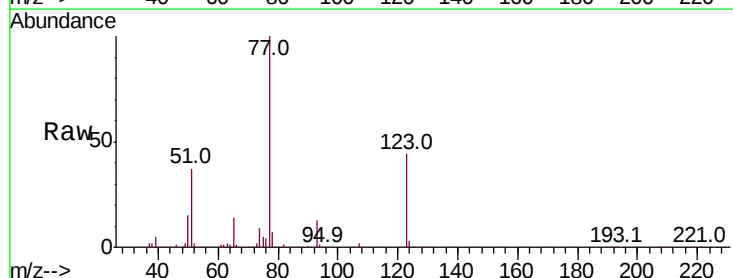
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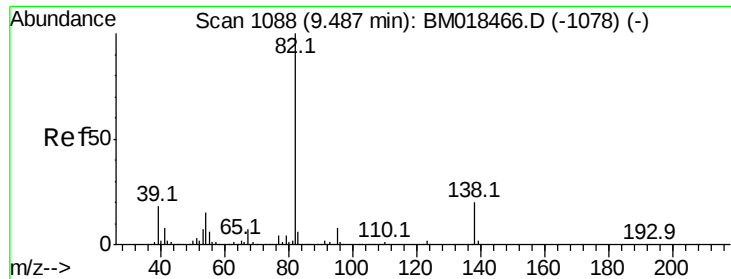
mohammad
1/30/2019 11:10:30 AM



#24
Nitrobenzene
Concen: 44.150 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	37.7	56.5
65	13.6	11.0	16.6





#25

Isophorone

Concen: 41.952 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

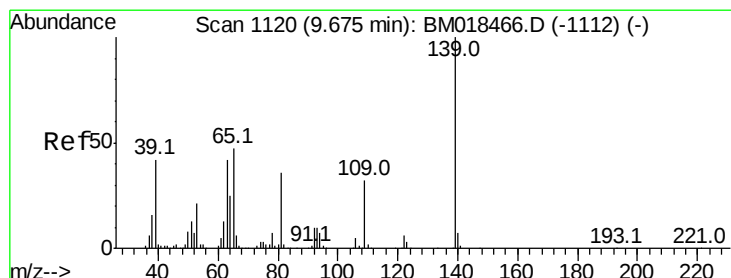
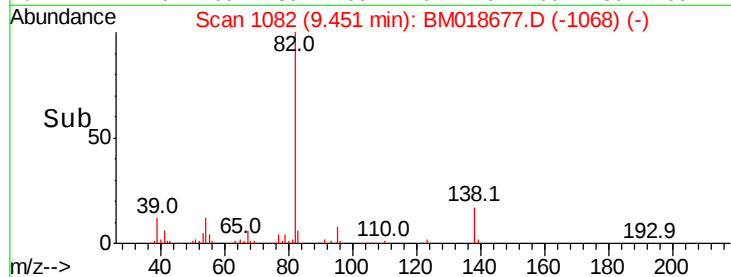
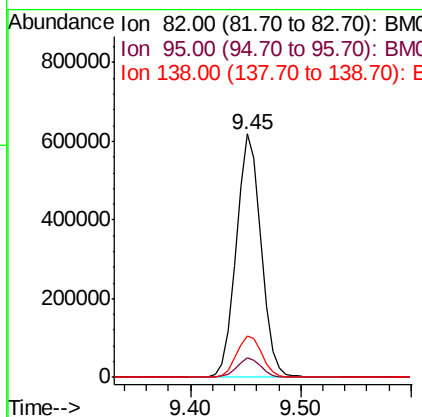
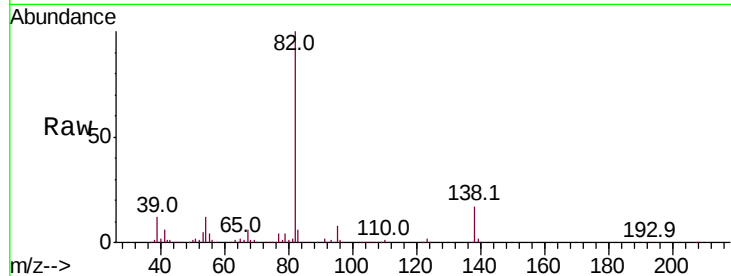
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.1	9.1	
138	17.1	15.1	22.7	

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mohammad
1/30/2019 11:10:30 AM



#26

2-Nitrophenol

Concen: 42.139 ng

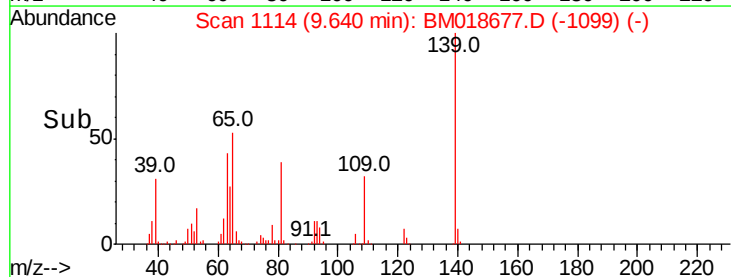
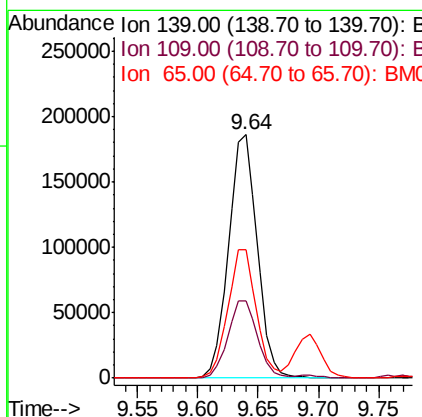
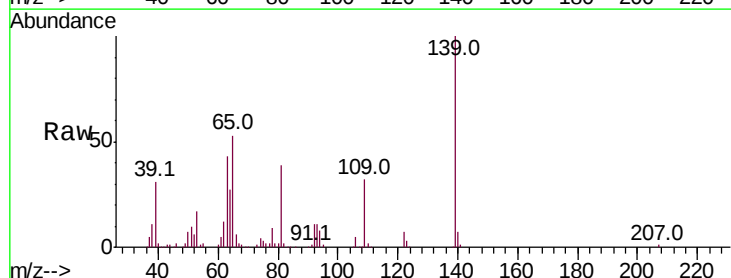
RT: 9.64 min Scan# 1114

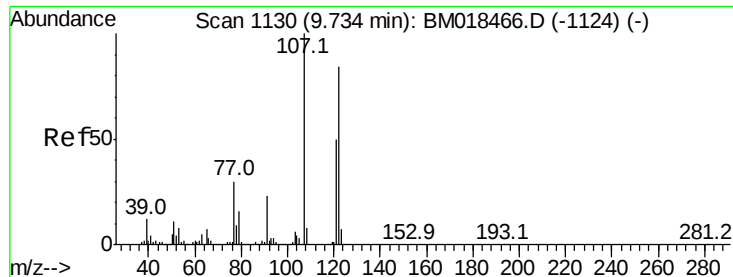
Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.6	23.4	35.2	
65	52.9	39.4	59.2	





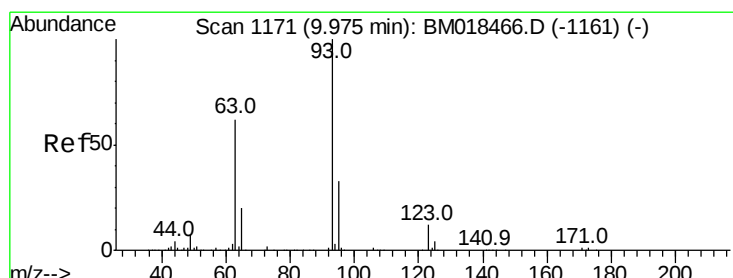
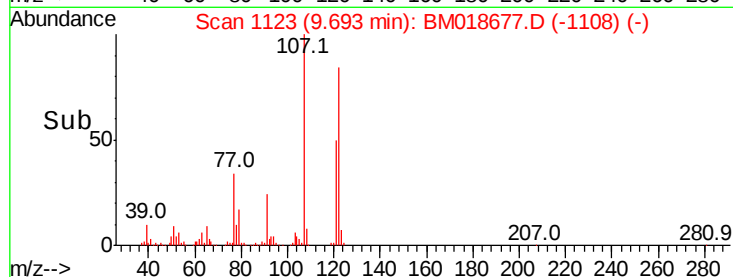
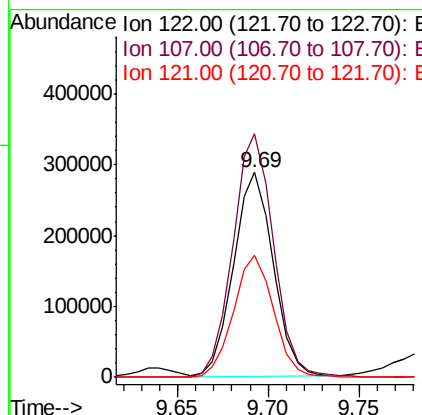
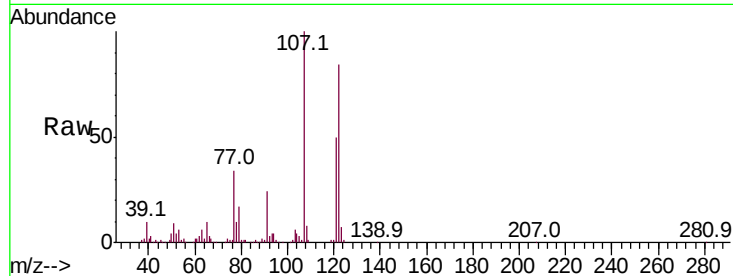
#27
 2,4-Dimethylphenol
 Concen: 39.685 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.8	91.9	137.9
121	59.4	47.5	71.3

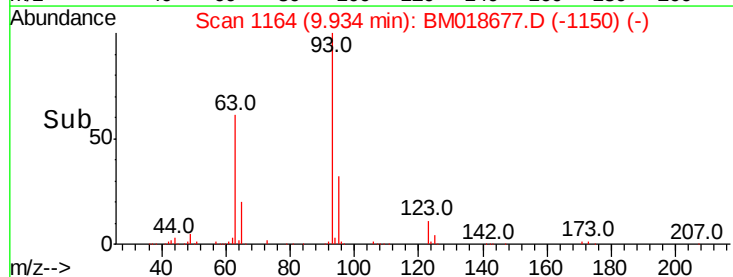
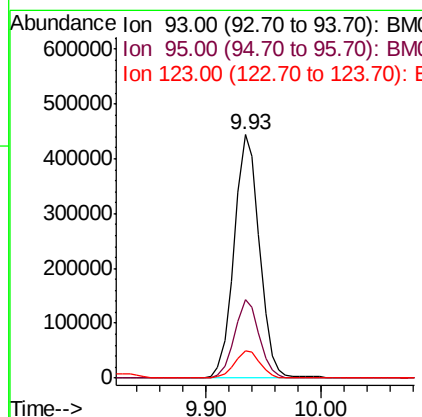
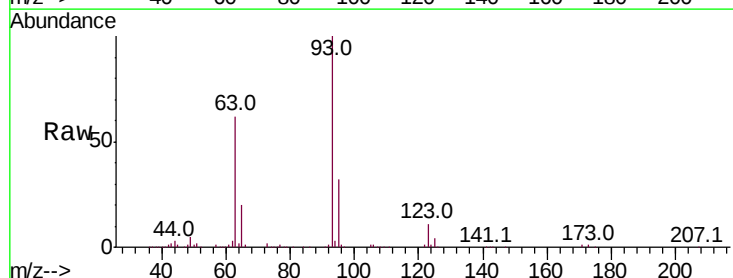
Manual Integrations
 APPROVED

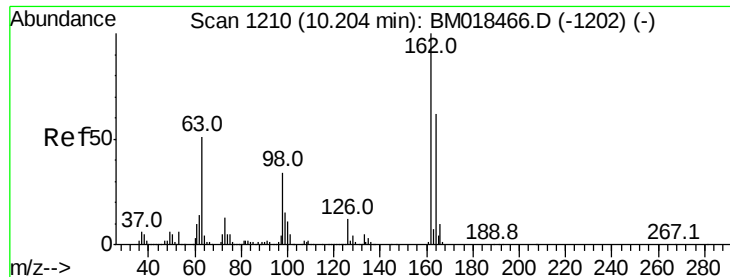
mohammad
 1/30/2019 11:10:30 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.911 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	39.8
123	11.2	9.9	14.9





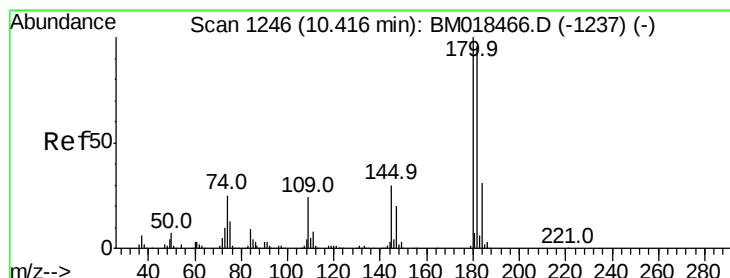
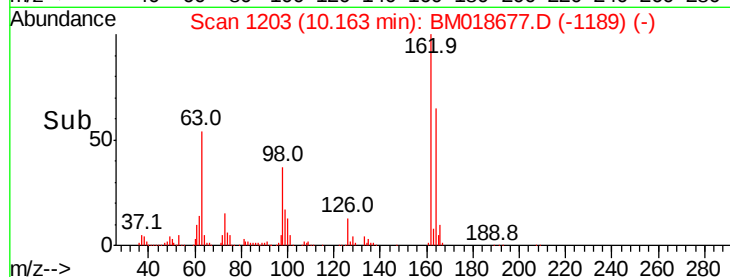
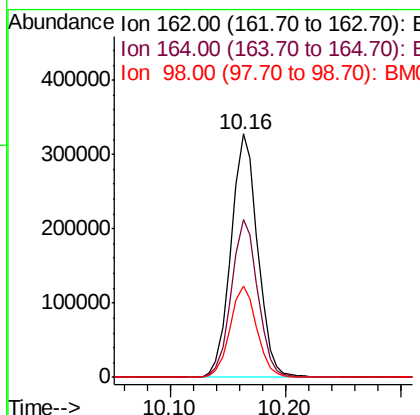
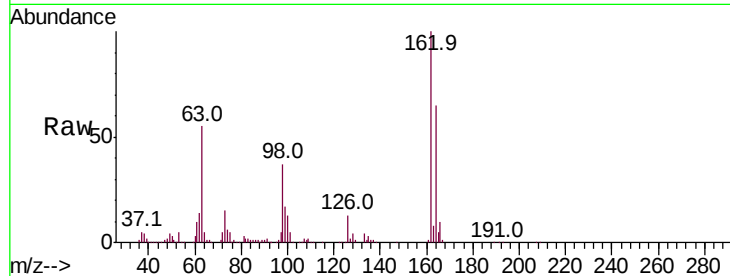
#29
 2,4-Dichlorophenol
 Concen: 40.114 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.8	45.6	85.6	
98	37.2	14.7	54.7	

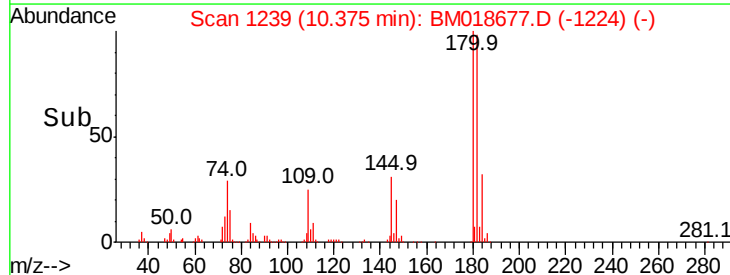
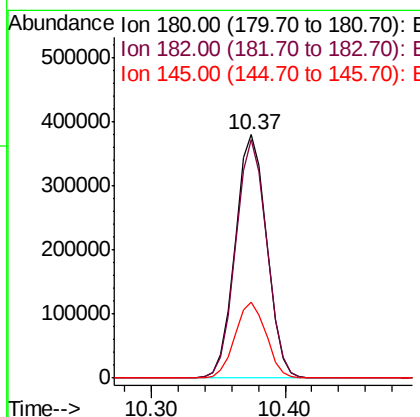
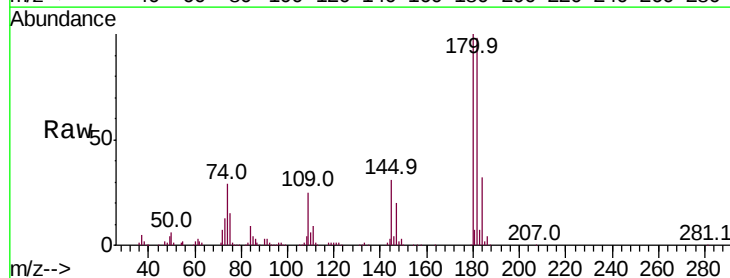
Manual Integrations
 APPROVED

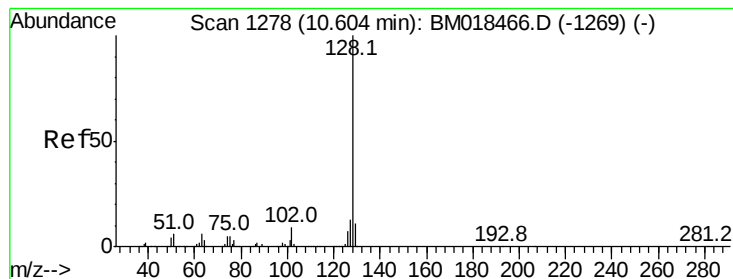
mohammad
 1/30/2019 11:10:30 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.343 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.8	77.4	116.2	
145	31.0	24.6	37.0	





#31

Naphthalene

Concen: 38.389 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:128 Resp: 1648852

Ion Ratio Lower Upper

128 100

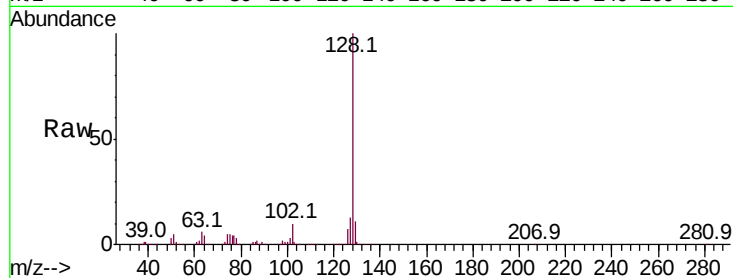
129 11.0 8.7 13.1

127 13.3 10.8 16.2

Manual Integrations
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mohammad

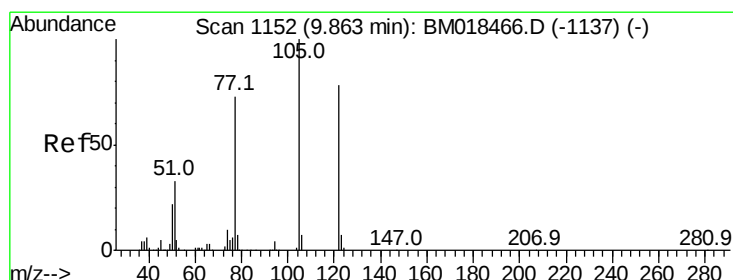
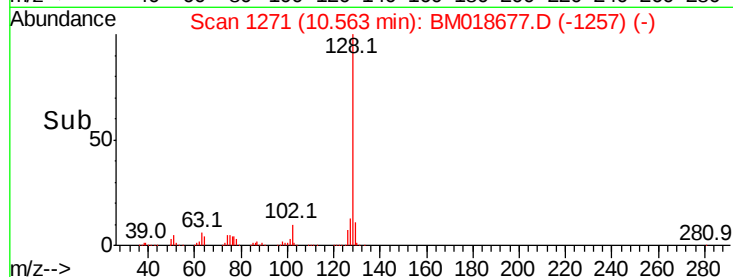
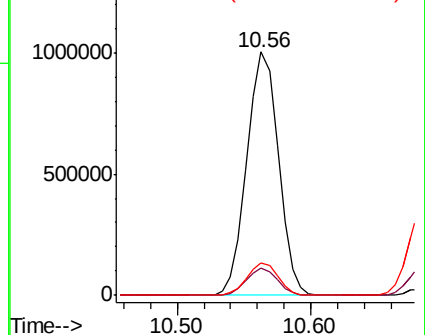
1/30/2019 11:10:30 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.157 ng m

RT: 9.83 min Scan# 1147

Delta R.T. -0.04 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

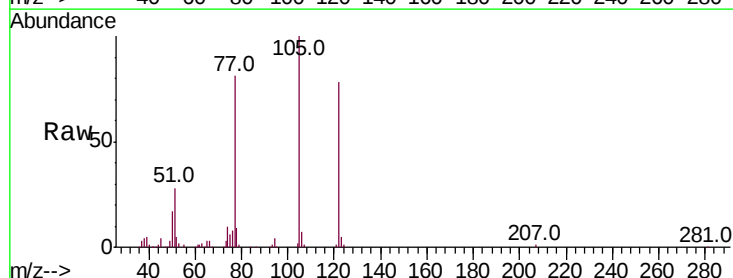
Tgt Ion:122 Resp: 313173

Ion Ratio Lower Upper

122 100

105 128.9 100.4 140.4

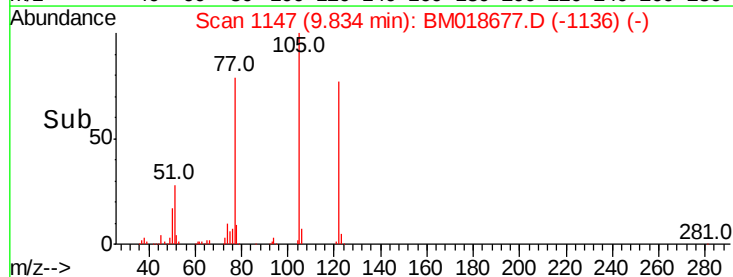
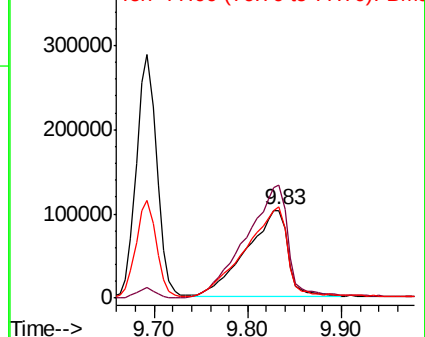
77 104.0 71.7 111.7

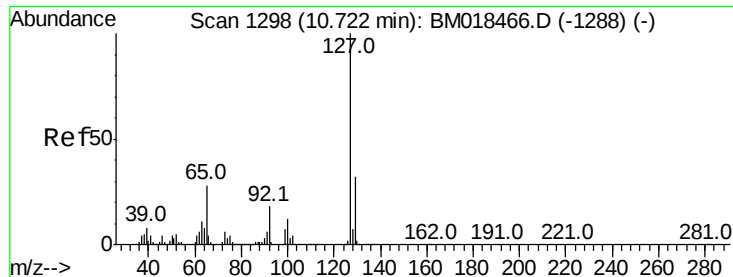


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





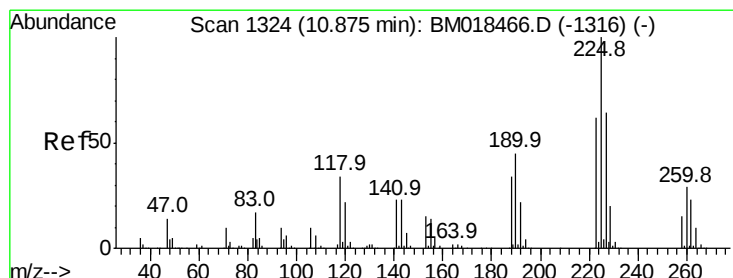
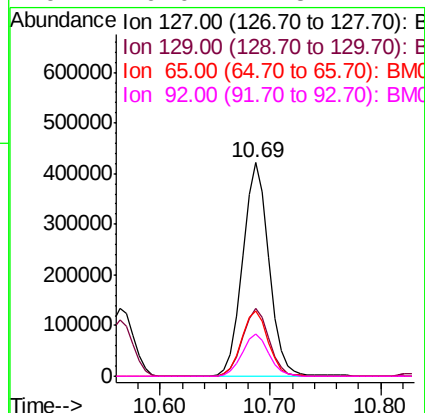
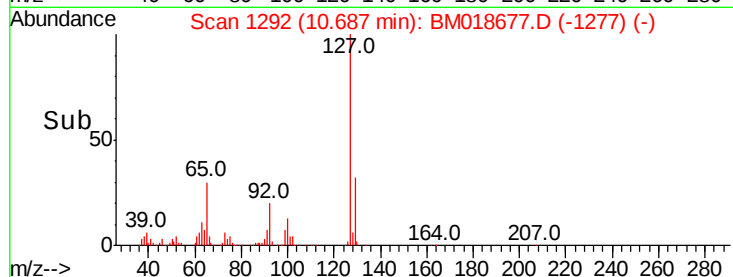
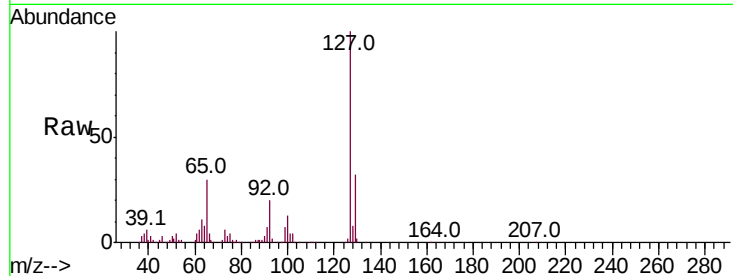
#33
4-Chloroaniline
Concen: 41.930 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.3	23.4	35.2
92	20.0	14.5	21.7

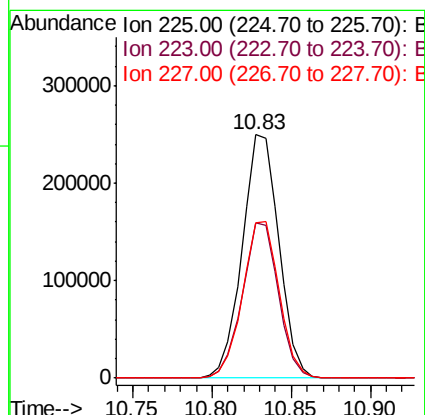
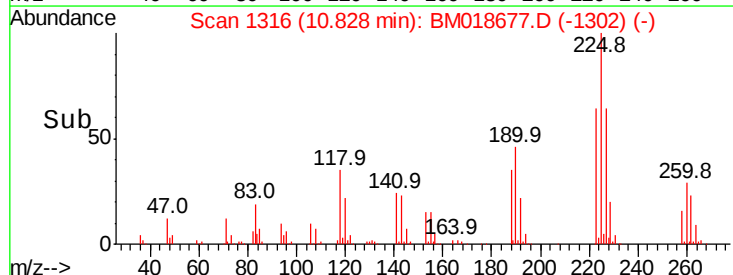
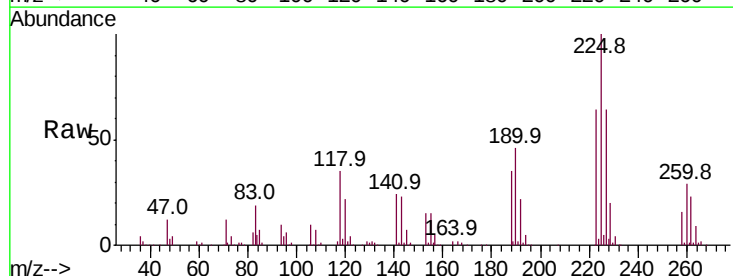
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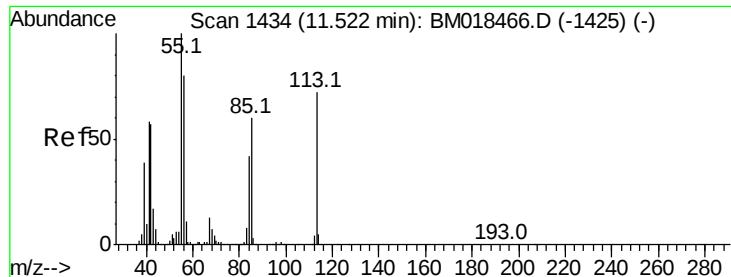
mohammad
1/30/2019 11:10:30 AM



#34
Hexachlorobutadiene
Concen: 39.136 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.8	76.2
227	63.9	50.4	75.6





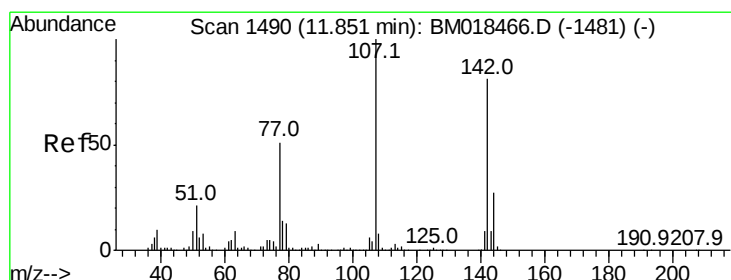
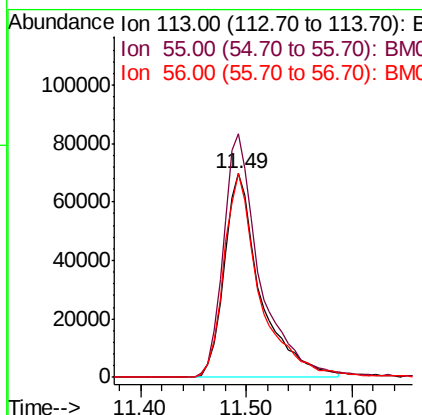
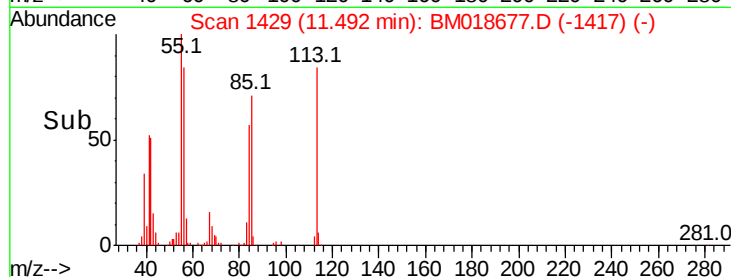
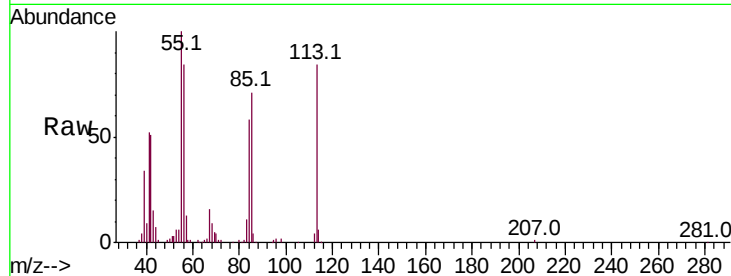
#35
Caprolactam
Concen: 37.066 ng
RT: 11.49 min Scan# 1429
Delta R.T. -0.03 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	119.6	139.3	179.3#	
56	100.0	101.4	141.4#	

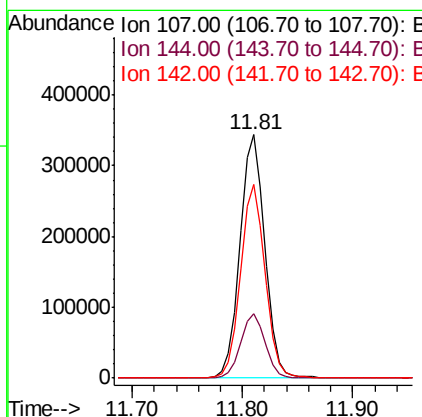
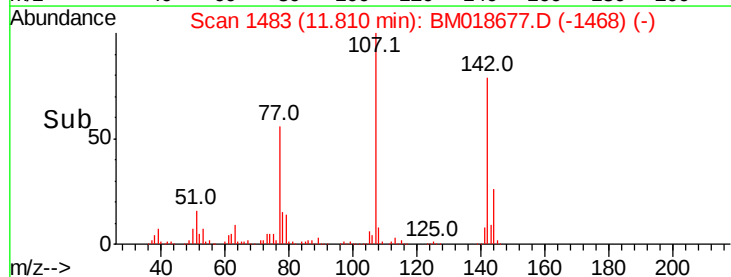
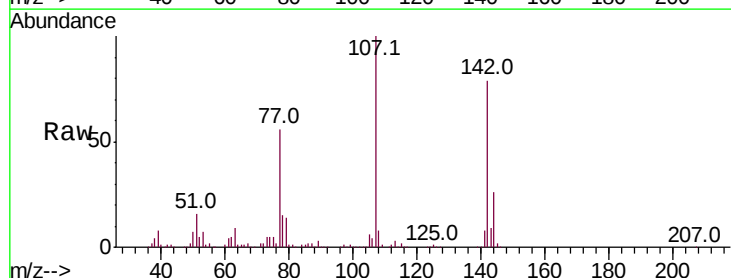
Manual Integrations
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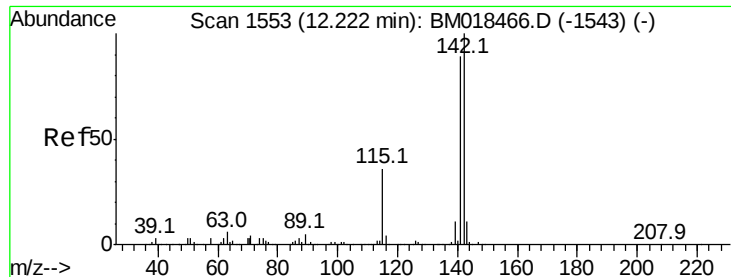
mohammad
1/30/2019 11:10:30 AM



#36
4-Chloro-3-methylphenol
Concen: 39.804 ng
RT: 11.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.3	21.9	32.9	
142	79.4	67.9	101.9	





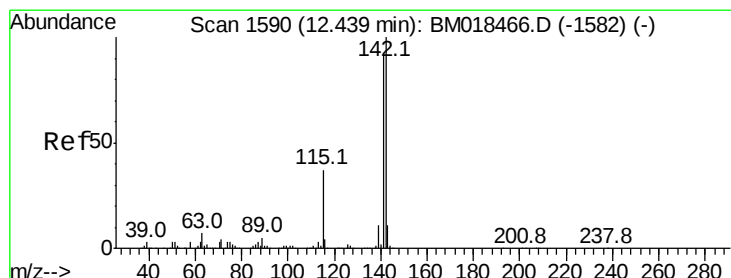
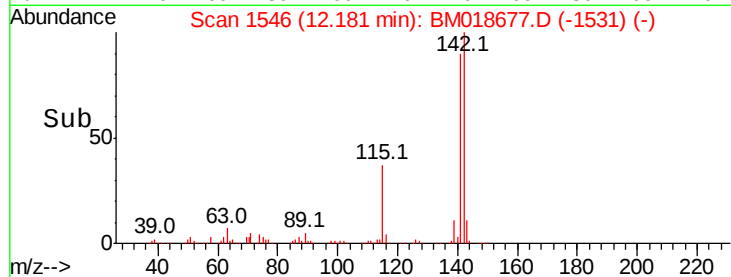
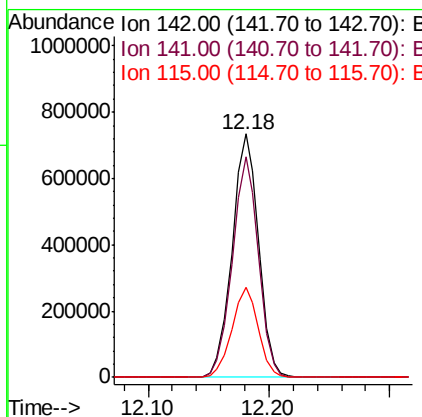
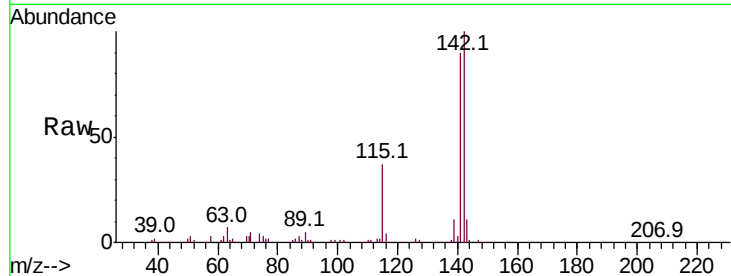
#37
2-Methylnaphthalene
Concen: 36.835 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	36.7	28.0	42.0

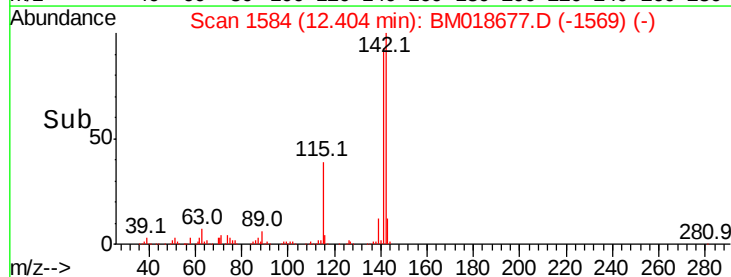
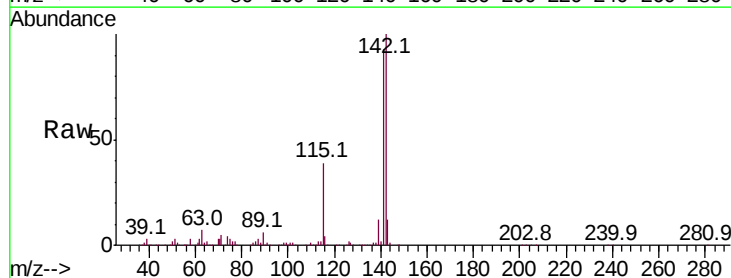
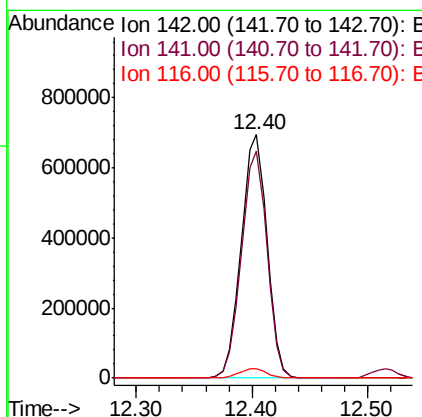
Manual Integrations
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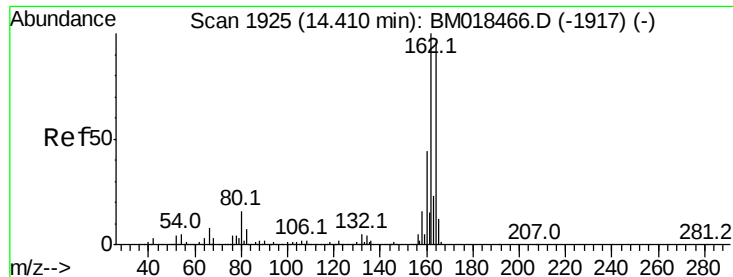
mohammad
1/30/2019 11:10:30 AM



#38
1-Methylnaphthalene
Concen: 36.766 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.6	113.4
116	3.9	3.0	4.6





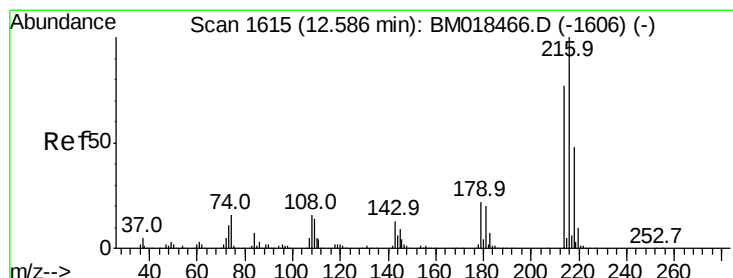
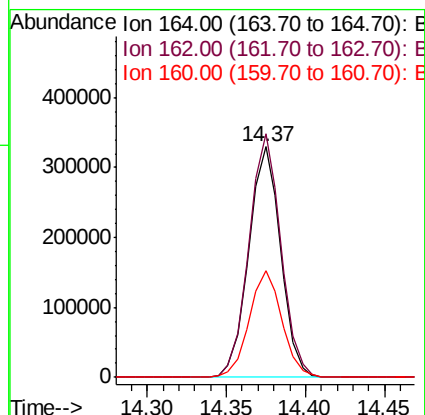
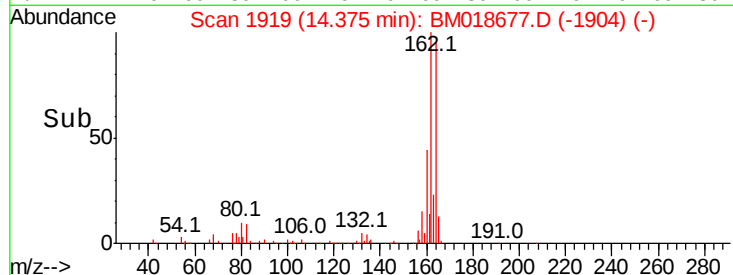
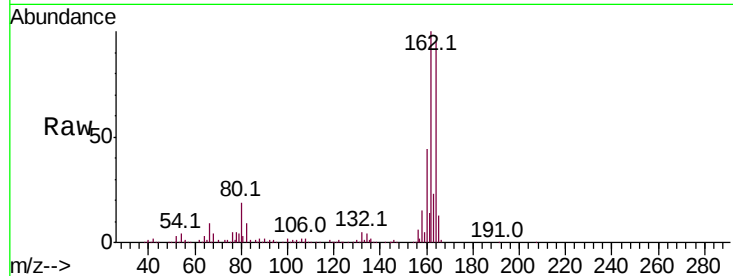
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	83.0	124.4	
160	46.5	37.1	55.7	

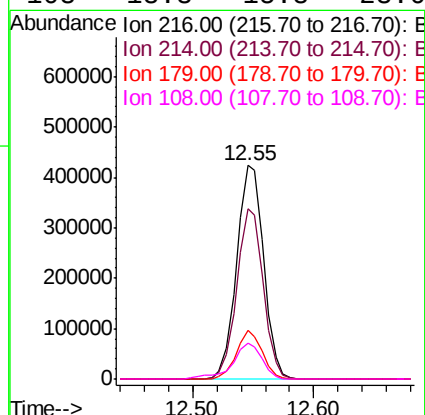
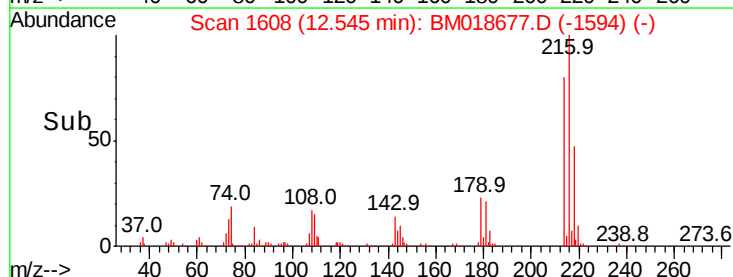
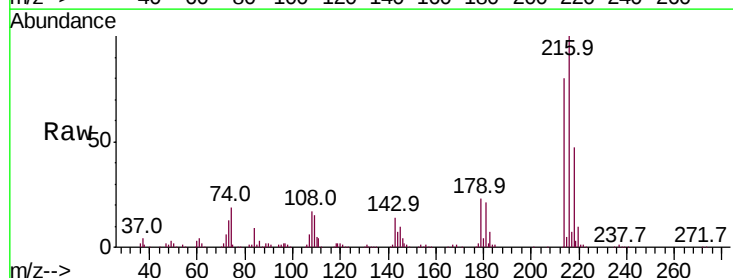
Manual Integrations
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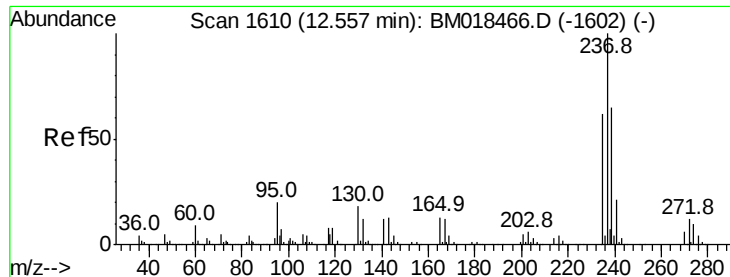
mohammad
1/30/2019 11:10:30 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.835 ng
RT: 12.55 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.0	63.4	95.0	
179	21.4	17.9	26.9	
108	18.3	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 38.278 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

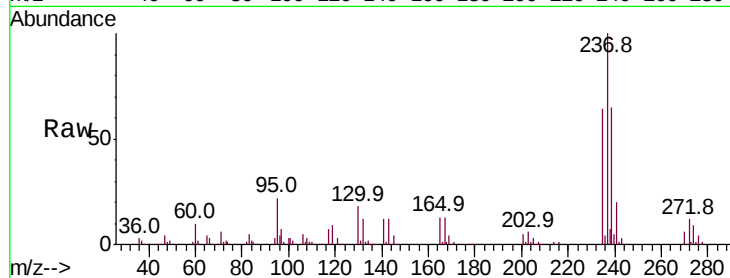
ClientSampleId :

SSTDCCC040

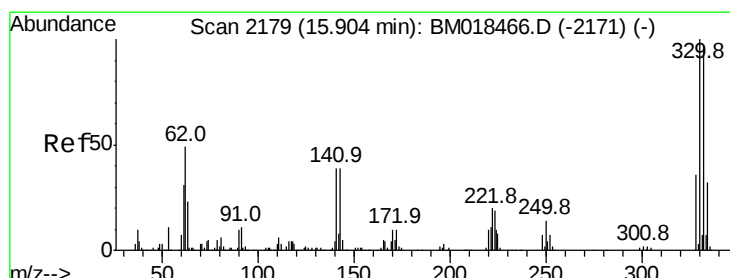
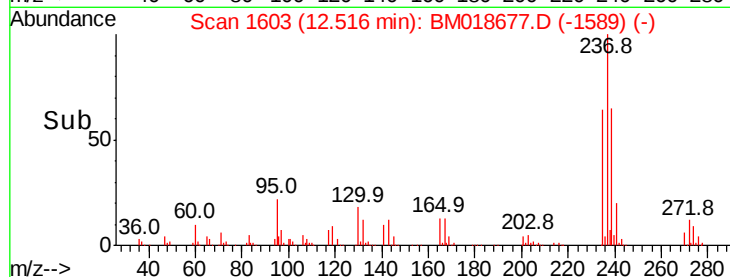
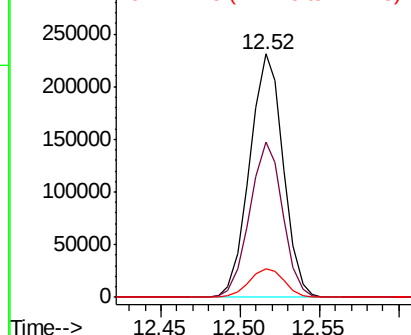
Tot Ion:	237	Resp:	339303
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.8	82.8
272	12.0	0.0	31.9

Manual Integrations
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1/30/2019 11:10:30 AM



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: 80.901 ng

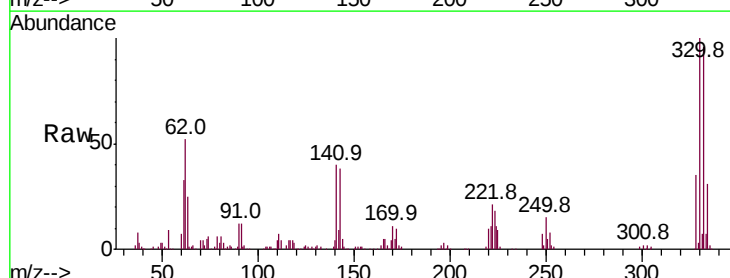
RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

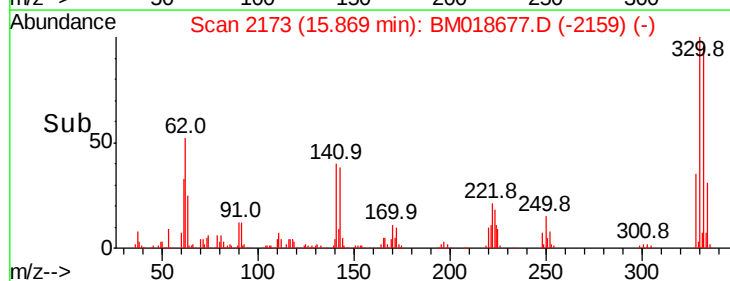
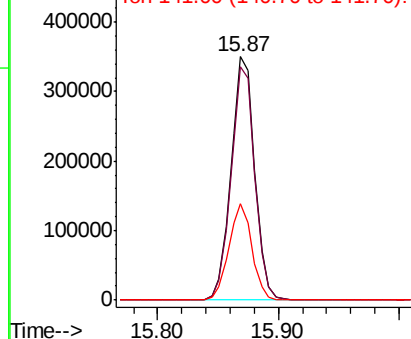
Lab File: BM018677.D

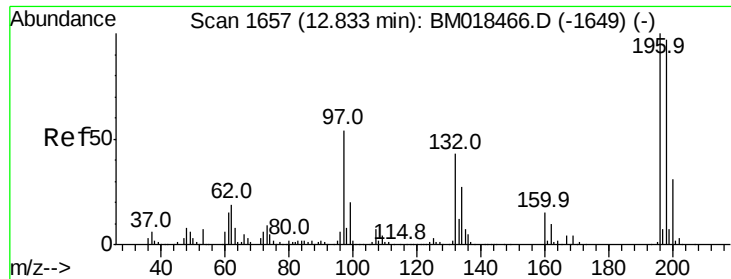
Acq: 29 Jan 2019 14:44

Tgt Ion:	330	Resp:	475757
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.6	116.4
141	38.6	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





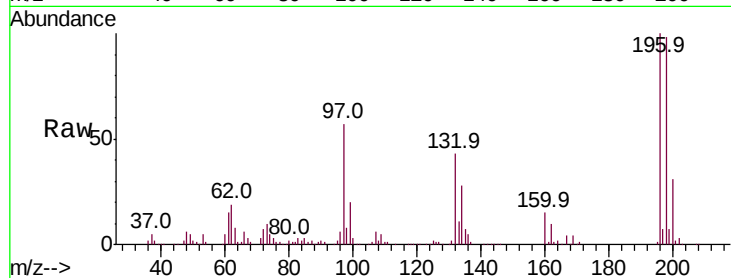
#43
2,4,6-Trichlorophenol
Concen: 41.903 ng
RT: 12.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	410979		
198	98.0	76.6	115.0	
200	30.6	24.2	36.4	

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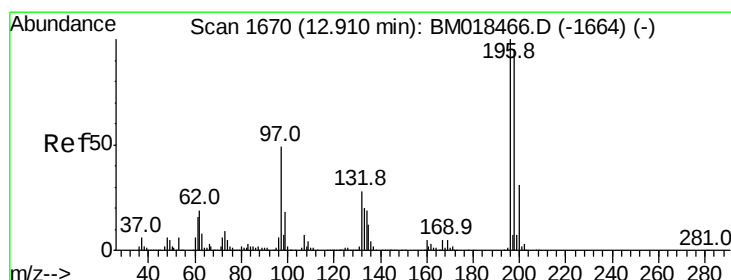
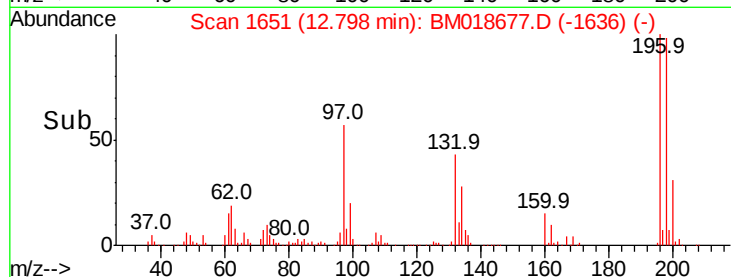
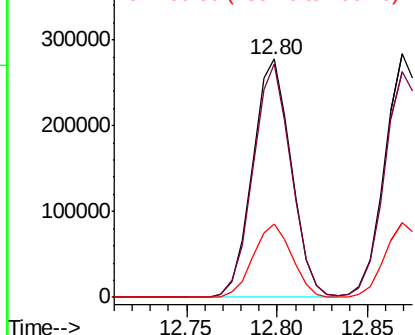


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 41.357 ng
RT: 12.87 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	426592		
198	92.7	76.7	115.1	
97	50.7	39.2	58.8	
132	26.6	22.3	33.5	

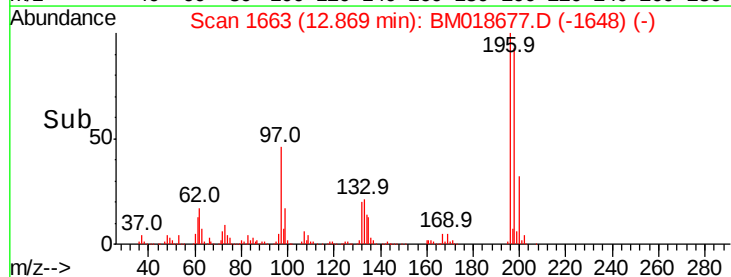
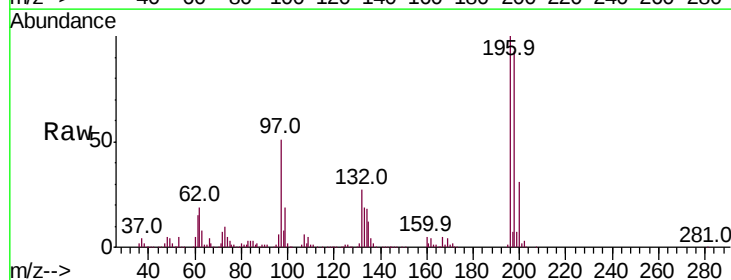
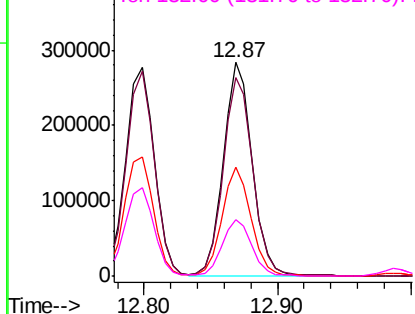
Abundance

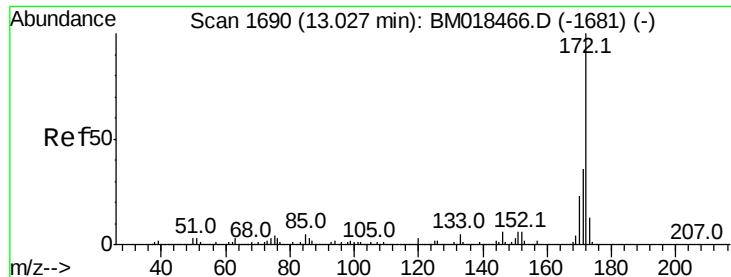
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





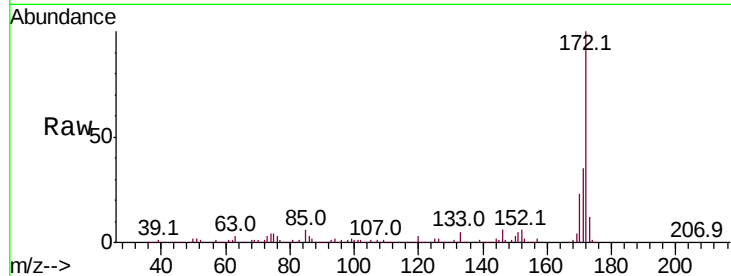
#45
2-Fluorobiphenyl
Concen: 79.135 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	22.7	18.9	28.3

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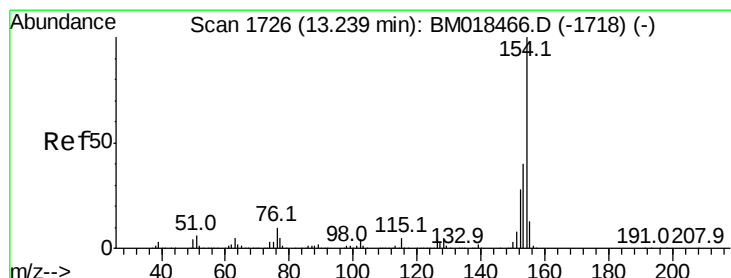
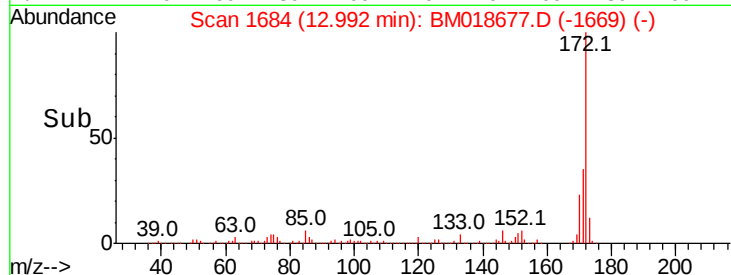
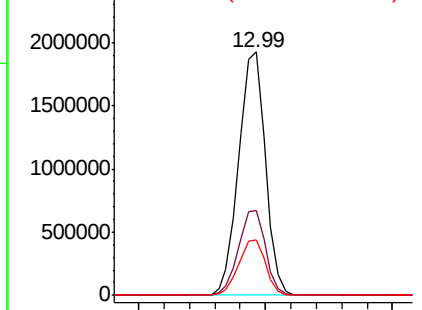


Abundance

Ion 172.00 (171.70 to 172.70): E

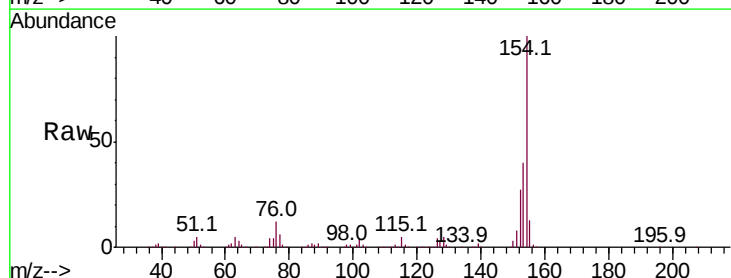
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.079 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.5	60.5
76	12.0	0.0	31.9

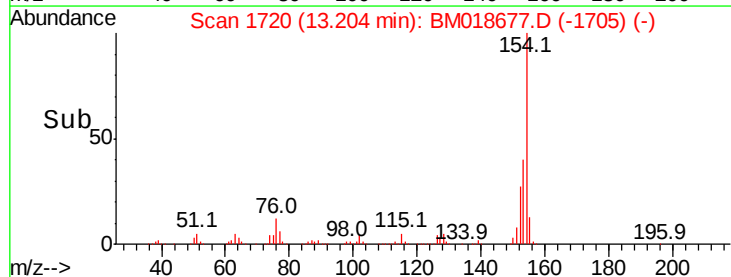
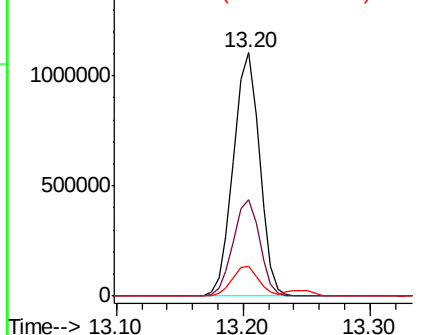


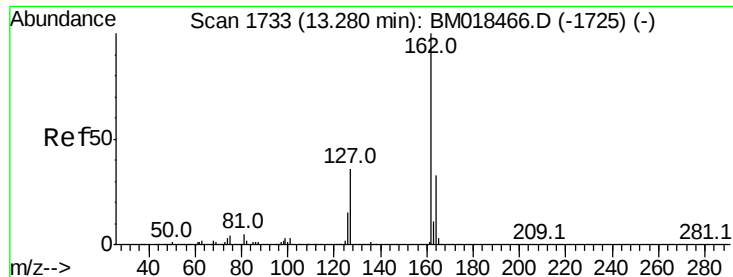
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





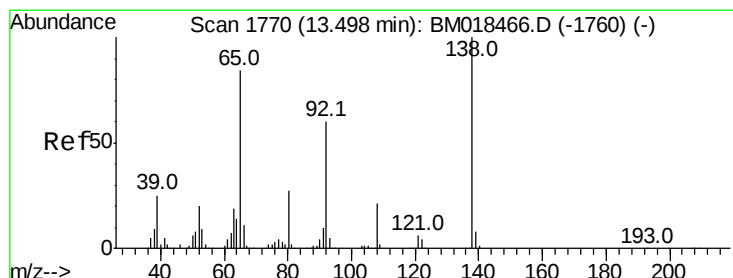
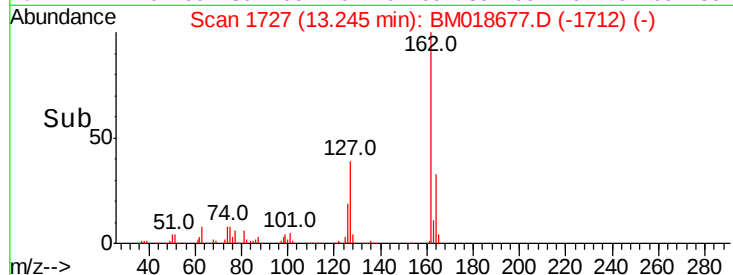
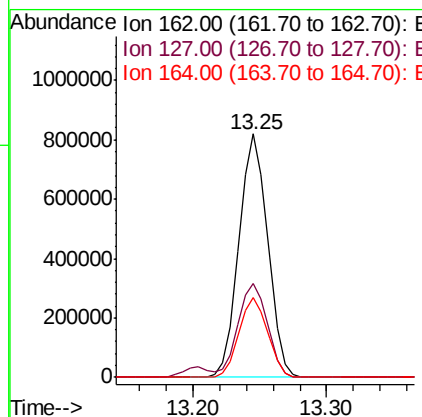
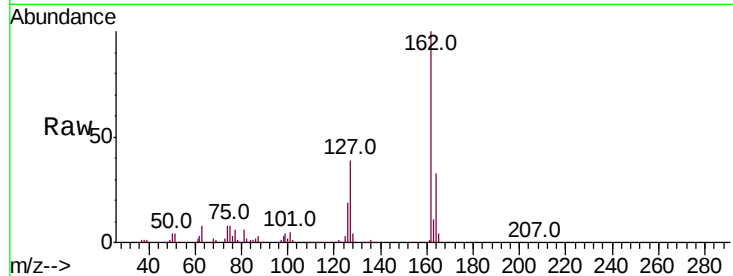
#47
2-Chloronaphthalene
Concen: 39.131 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.4	47.0
164	32.7	26.2	39.4

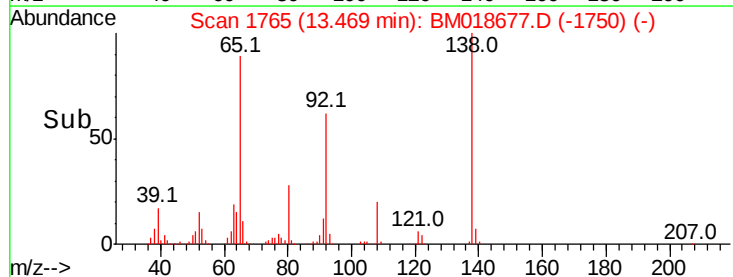
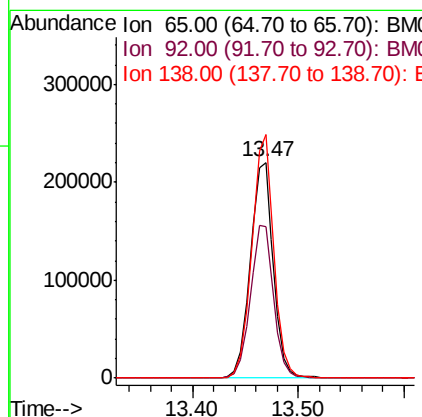
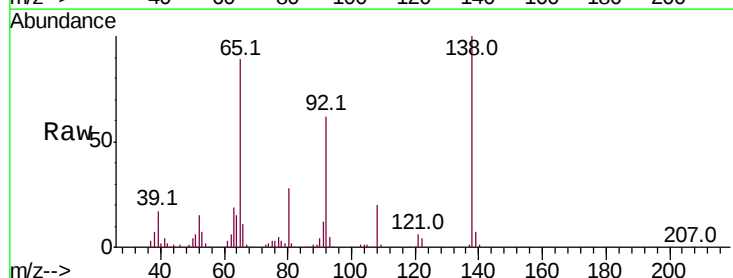
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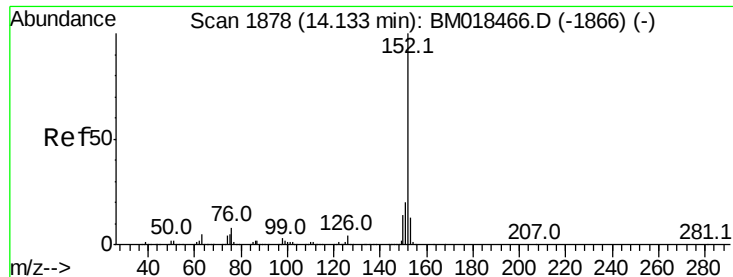
mohammad
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#48
2-Nitroaniline
Concen: 43.465 ng
RT: 13.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	53.4	80.2
138	112.7	88.9	133.3





#49

Acenaphthylene

Concen: 39.111 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

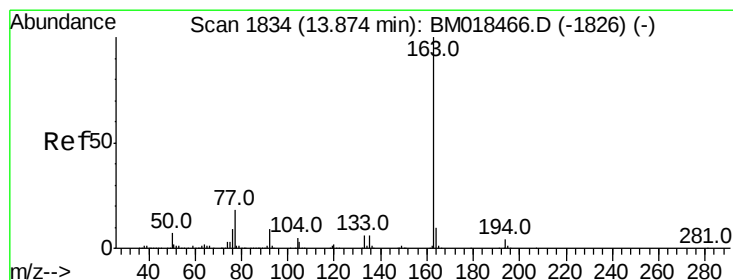
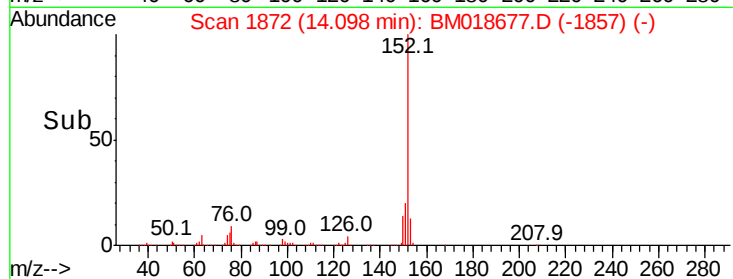
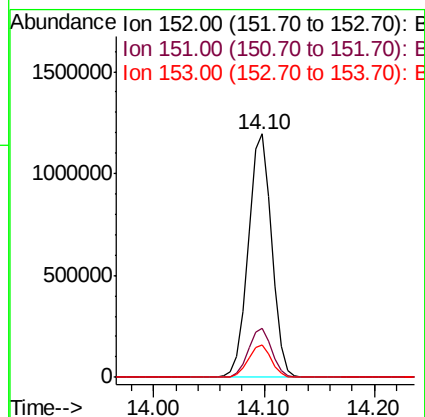
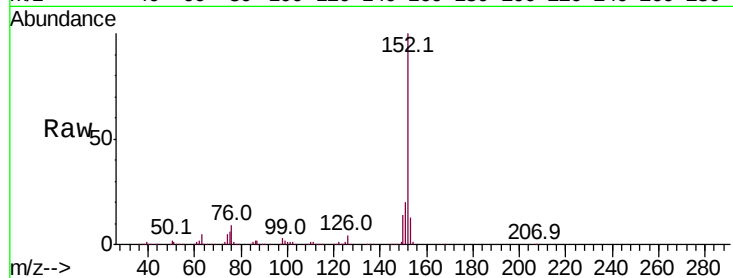
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1782409
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.1	10.5	15.7

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#50

Dimethylphthalate

Concen: 37.667 ng

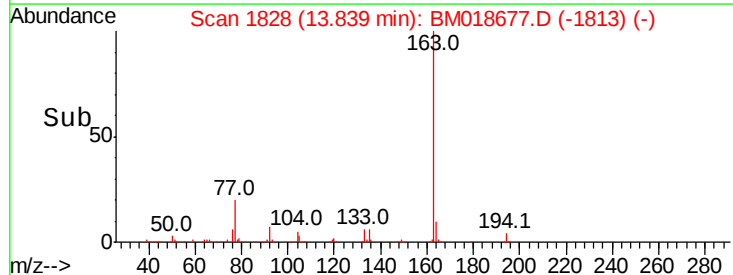
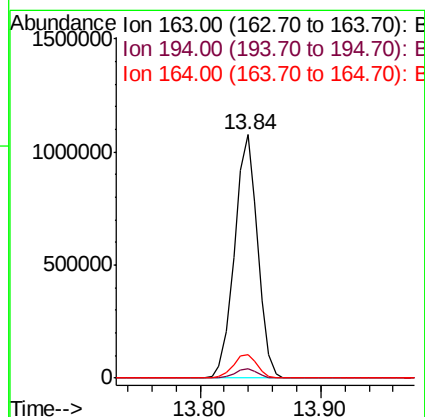
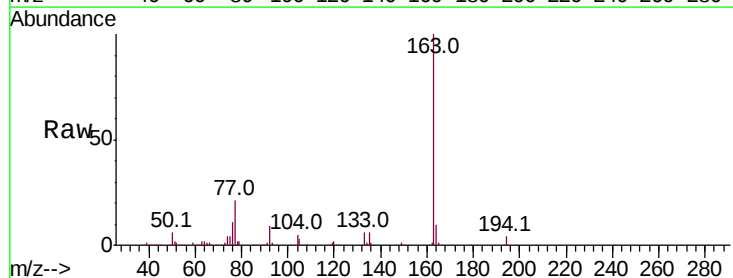
RT: 13.84 min Scan# 1828

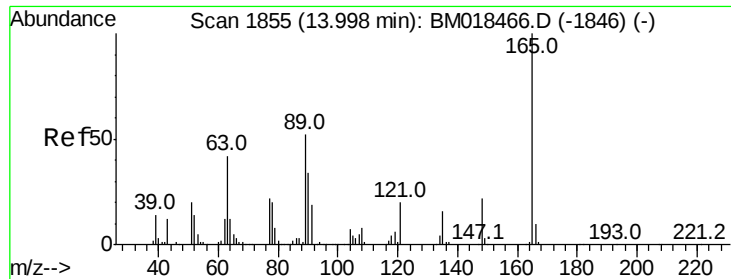
Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion:	163	Resp:	1428744
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.7	7.8	11.8





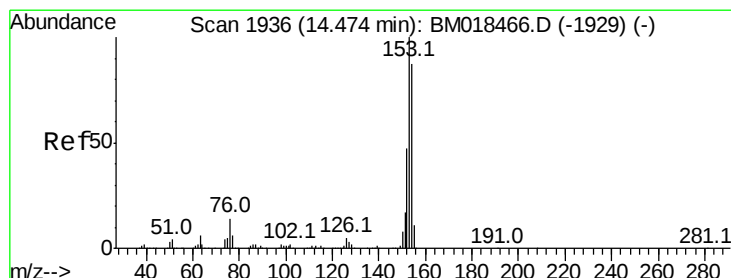
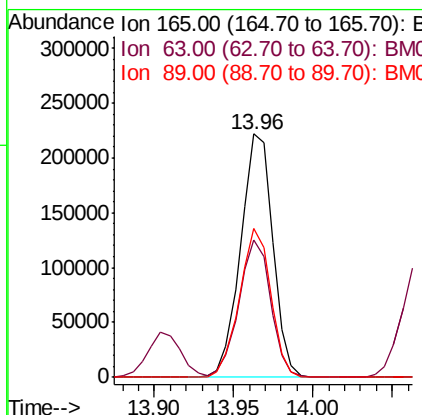
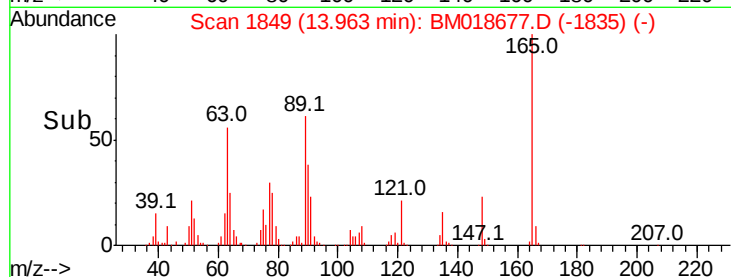
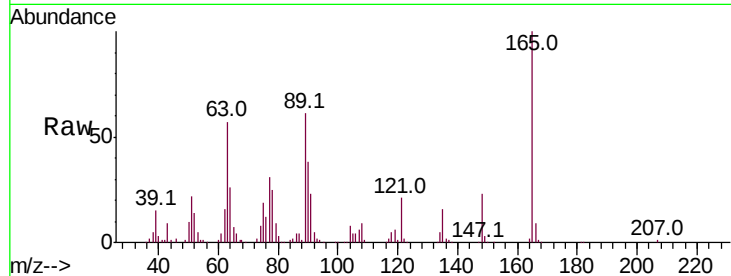
#51
2,6-Dinitrotoluene
Concen: 39.019 ng
RT: 13.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	45.6	68.4
89	61.3	44.6	66.8

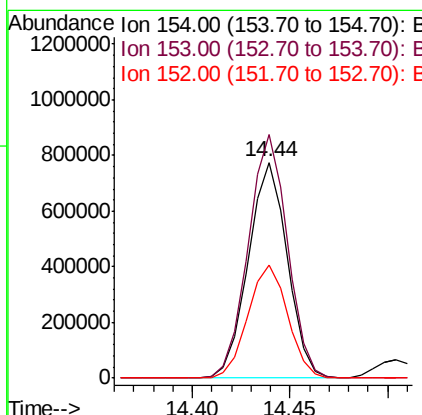
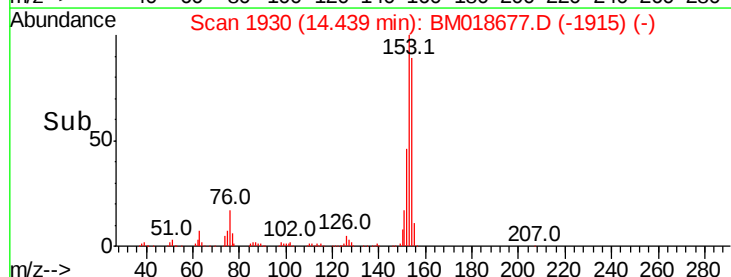
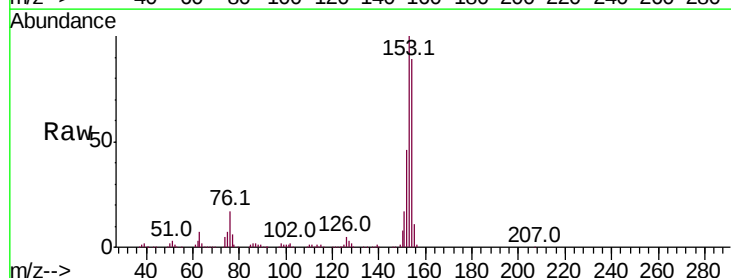
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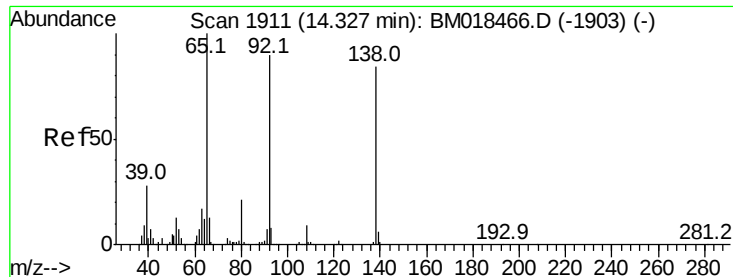
mohammad
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#52
Acenaphthene
Concen: 38.603 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	92.3	138.5
152	52.2	43.8	65.6





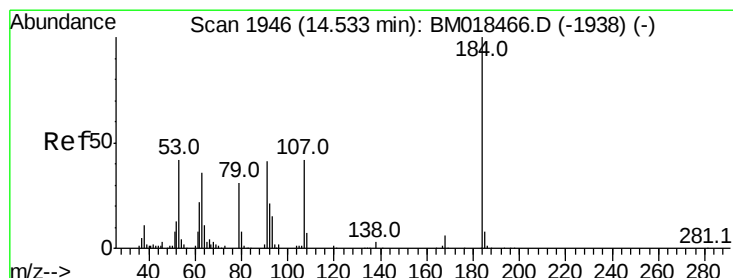
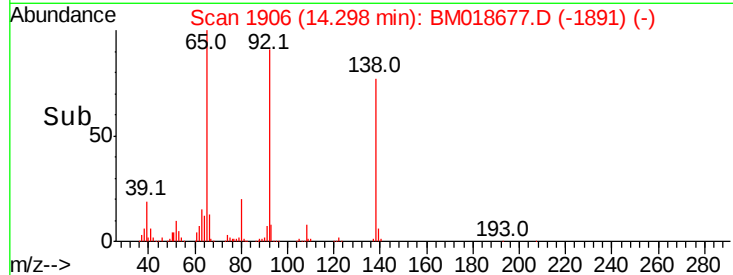
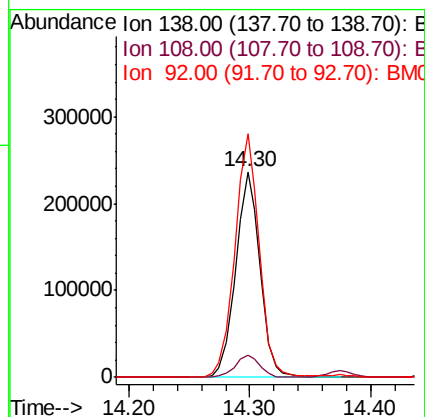
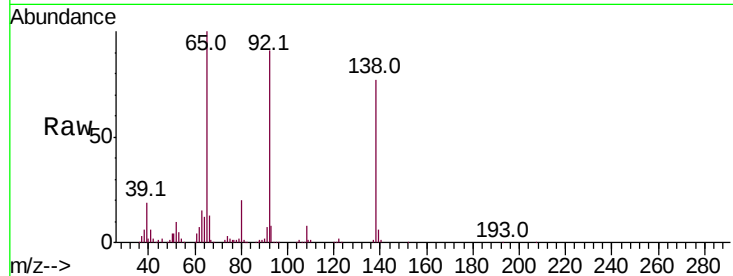
#53
3-Nitroaniline
Concen: 40.860 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	118.5	88.2	132.2

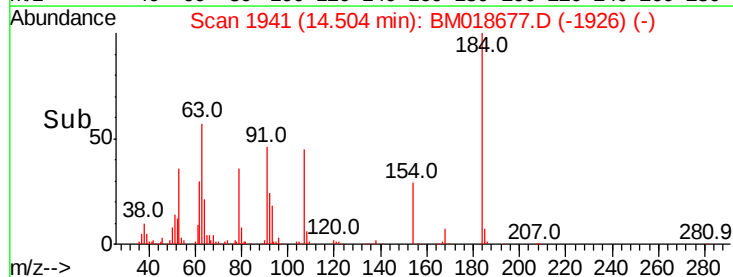
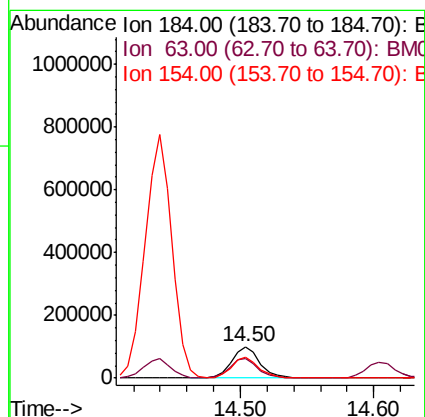
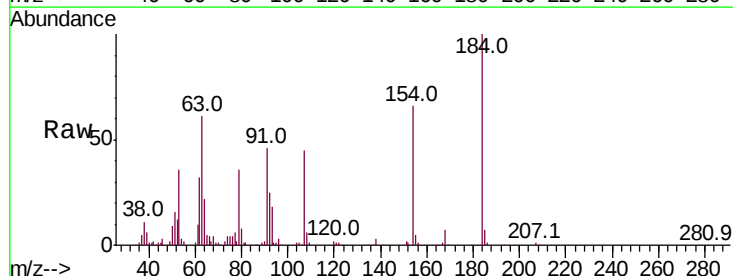
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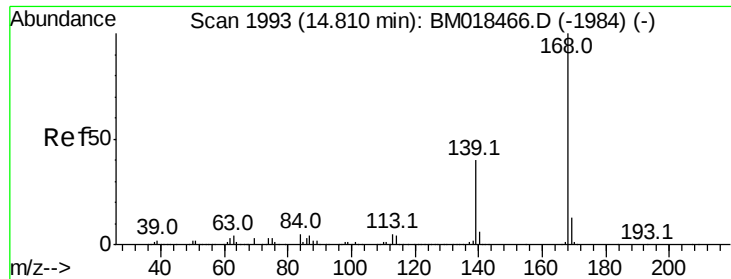
mohammad
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#54
2,4-Dinitrophenol
Concen: 37.587 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	55.9	83.9
154	65.9	54.2	81.4





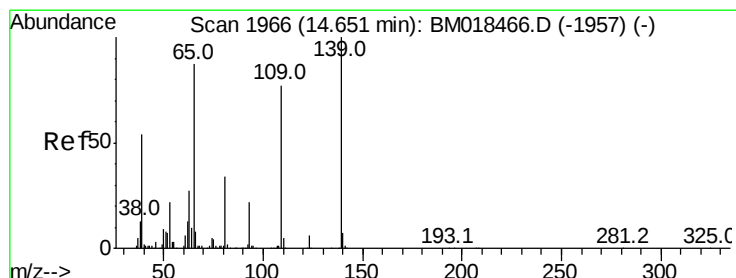
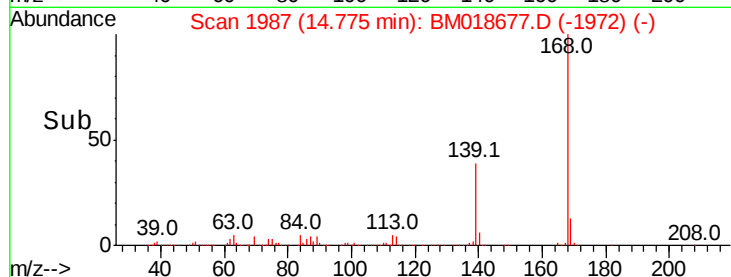
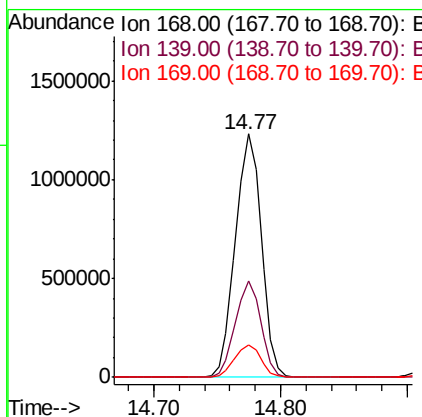
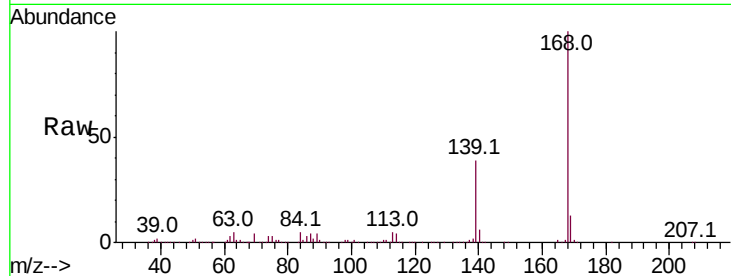
#55
Dibenzofuran
Concen: 37.997 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.3	45.5
169	13.2	10.6	16.0

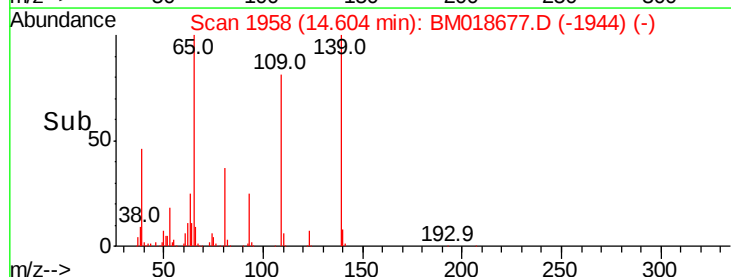
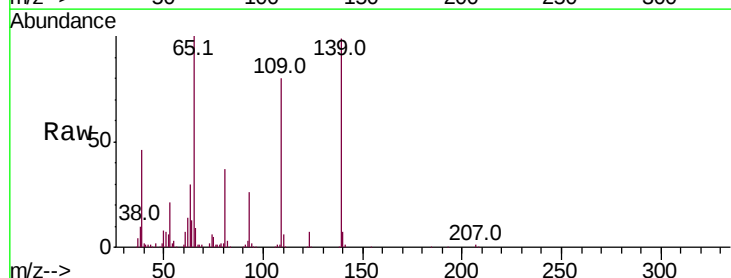
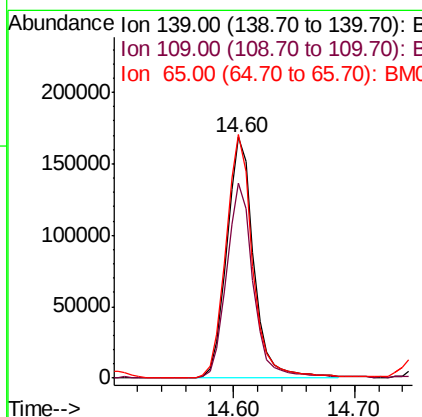
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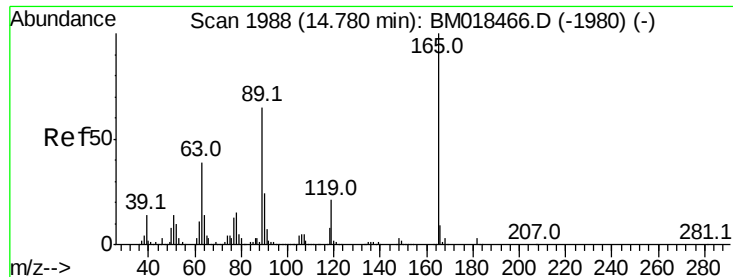
mohammad
1/30/2019 11:10:30 AM



#56
4-Nitrophenol
Concen: 37.415 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.1	51.7	91.7
65	101.1	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 37.677 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

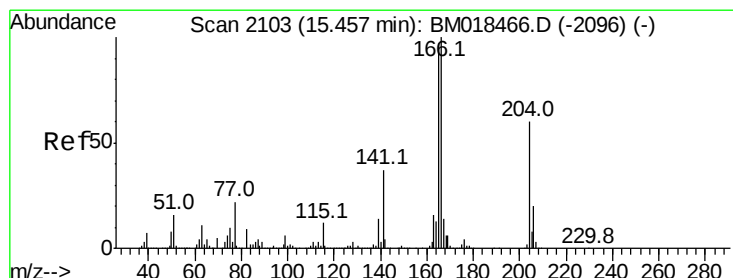
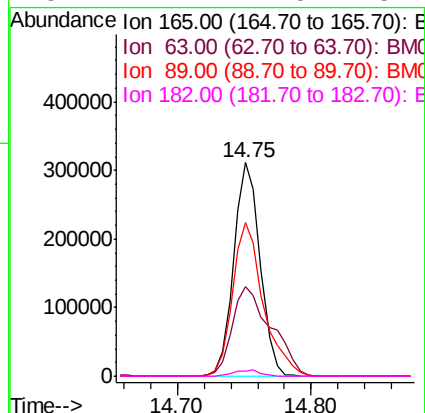
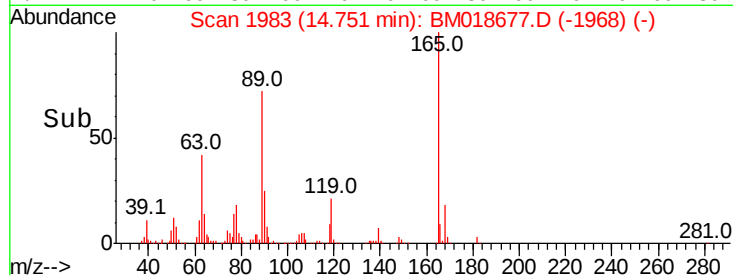
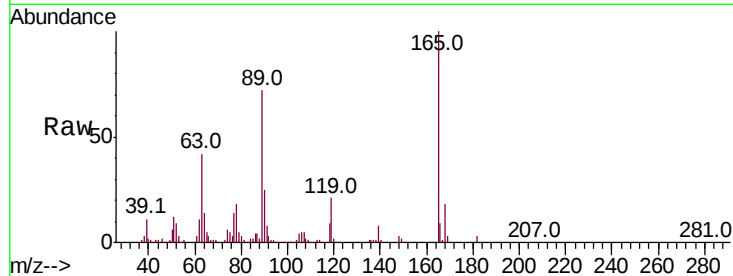
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	428320
Ion Ratio	Lower	Upper	
165	100		
63	42.1	32.2	48.2
89	72.1	52.1	78.1
182	2.7	2.5	3.7

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#58

Fluorene

Concen: 38.183 ng

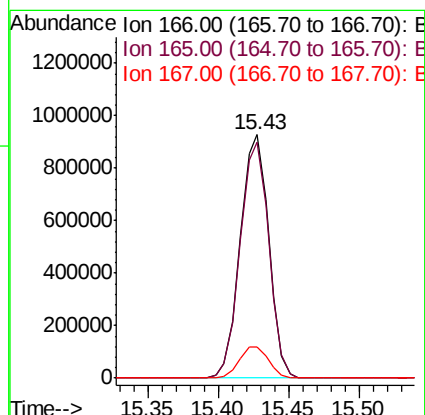
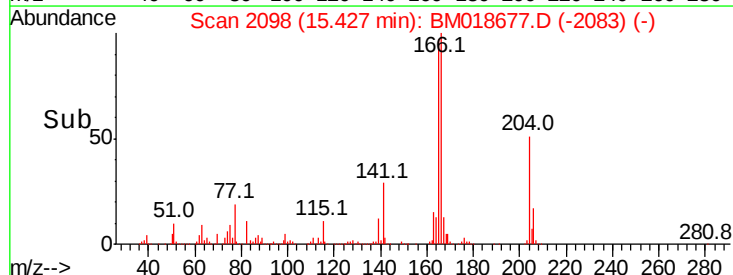
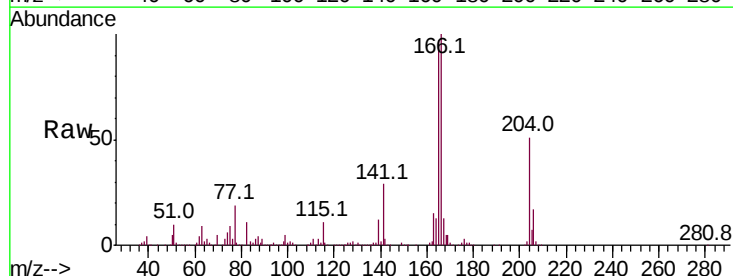
RT: 15.43 min Scan# 2098

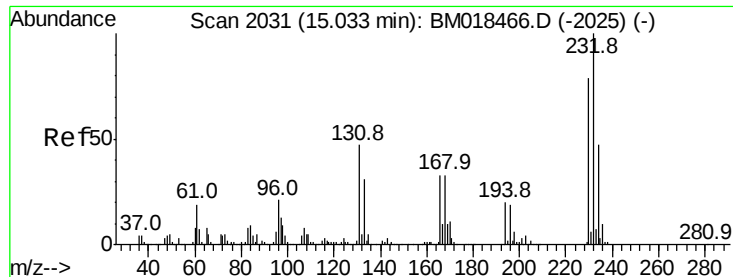
Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion:	166	Resp:	1310495
Ion Ratio	Lower	Upper	
166	100		
165	96.8	78.3	117.5
167	13.0	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.628 ng

RT: 15.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 362320
Ion Ratio Lower Upper

232 100

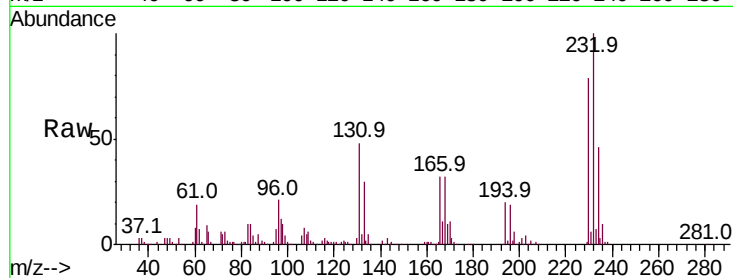
131 46.6 38.6 57.8

130 2.5 2.2 3.4

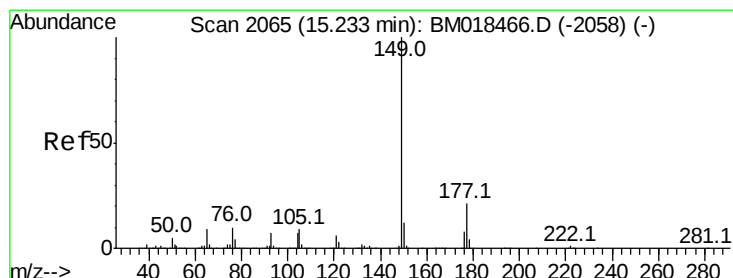
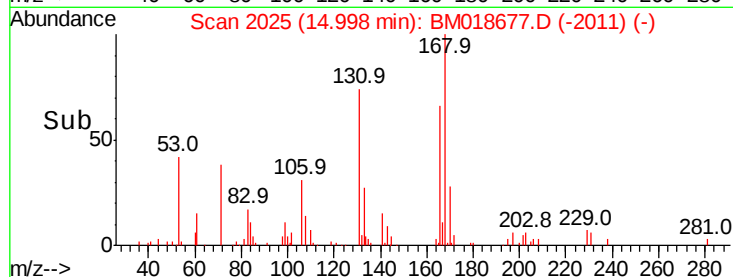
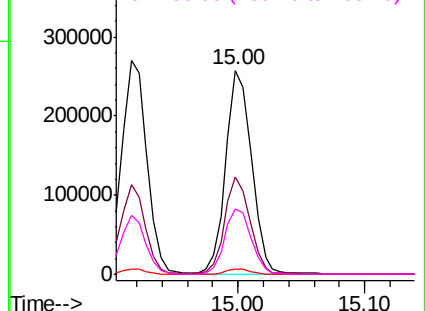
166 33.0 27.2 40.8

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



#60

Diethylphthalate

Concen: 37.393 ng

RT: 15.20 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BM018677.D

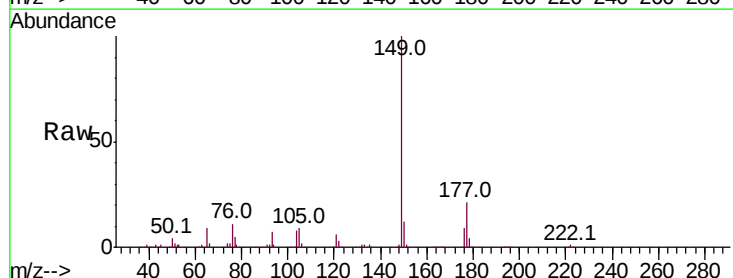
Acq: 29 Jan 2019 14:44

Tgt Ion:149 Resp: 1431855
Ion Ratio Lower Upper

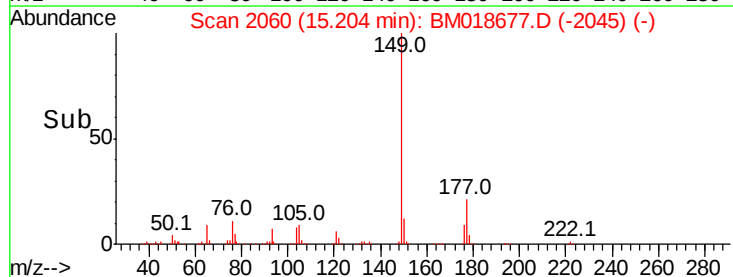
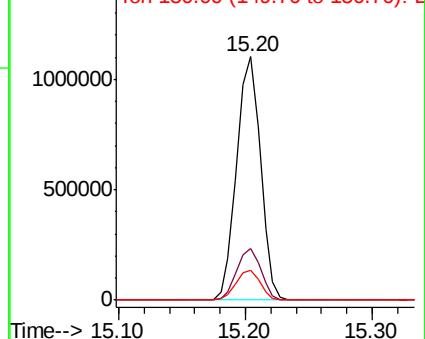
149 100

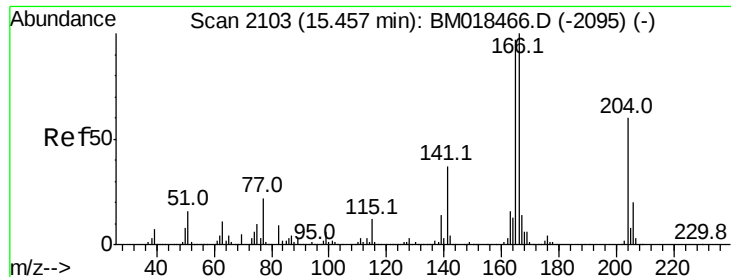
177 21.4 17.1 25.7

150 12.0 9.8 14.6



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





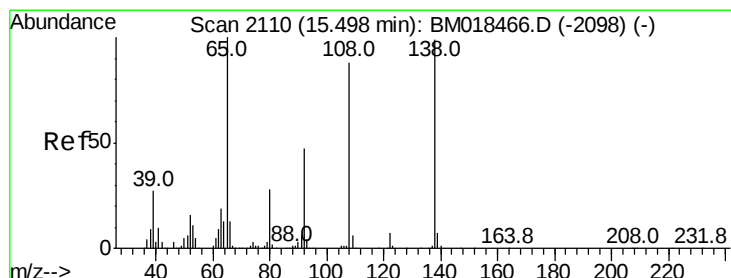
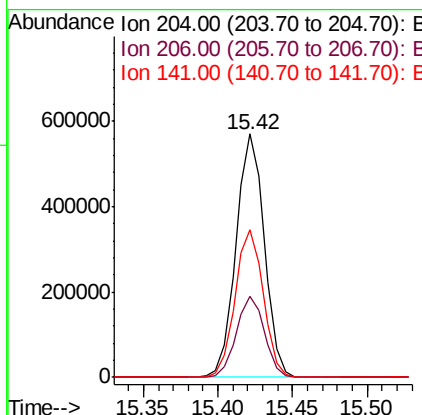
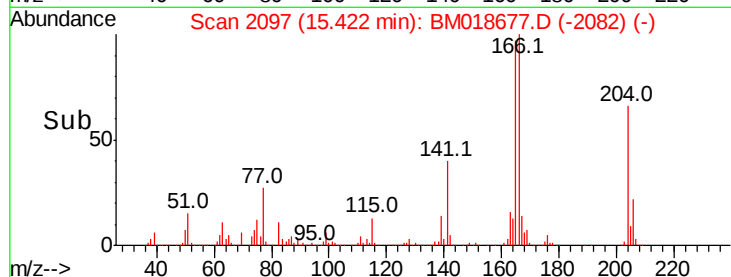
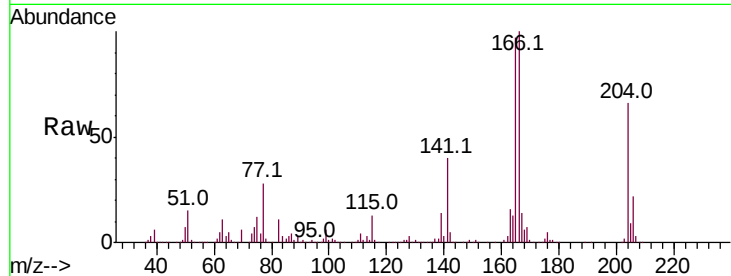
#61
 4-Chlorophenyl-phenylether
 Concen: 37.966 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	751004
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.8	38.6
141	60.8	49.5	74.3

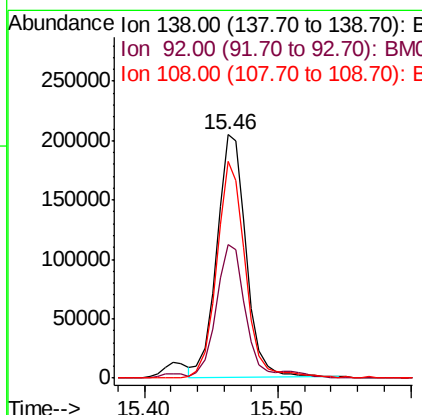
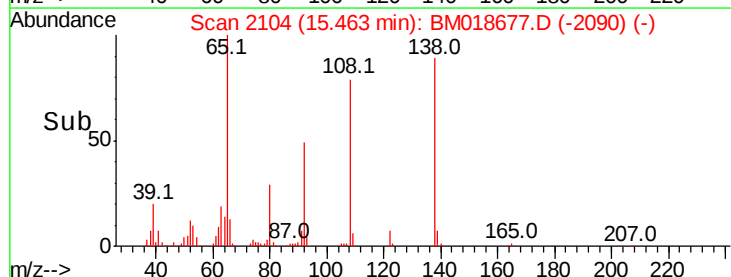
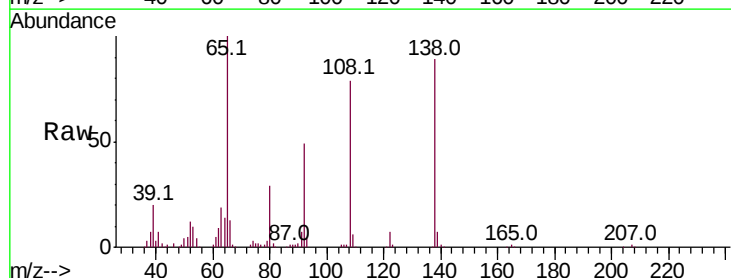
Manual Integrations
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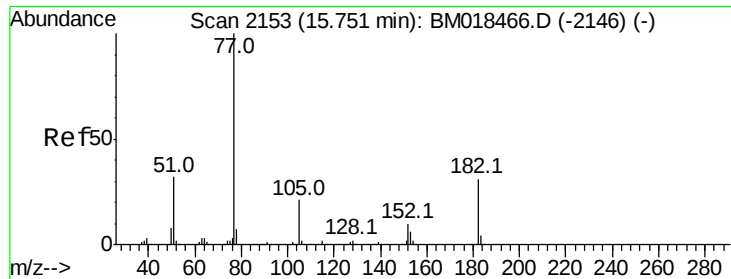
mohammad
 1/30/2019 11:10:30 AM



#62
 4-Nitroaniline
 Concen: 35.702 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. -0.02 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Tgt Ion:	138	Resp:	315435
Ion Ratio	Lower	Upper	
138	100		
92	54.9	29.0	69.0
108	89.0	63.9	103.9





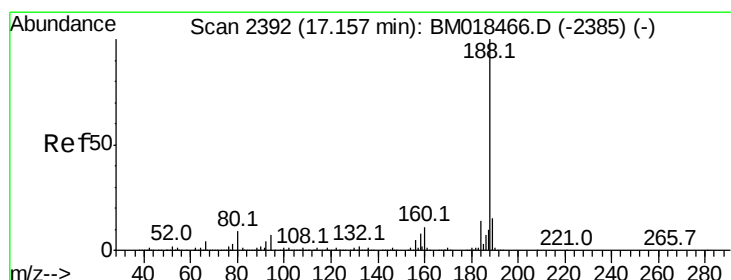
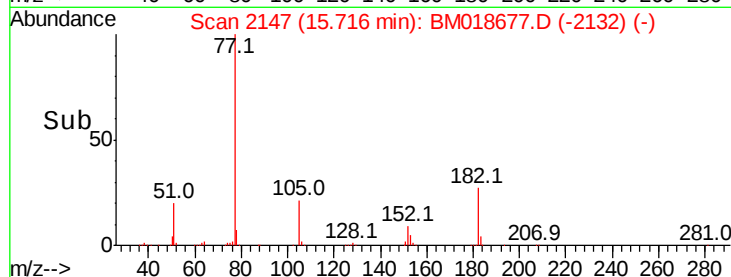
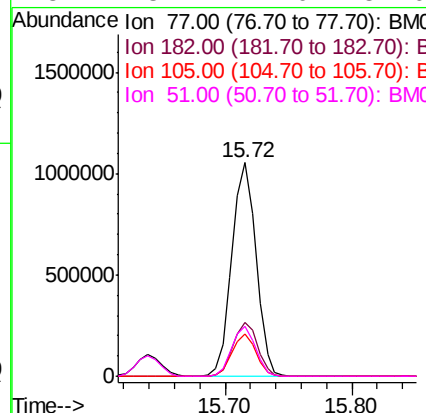
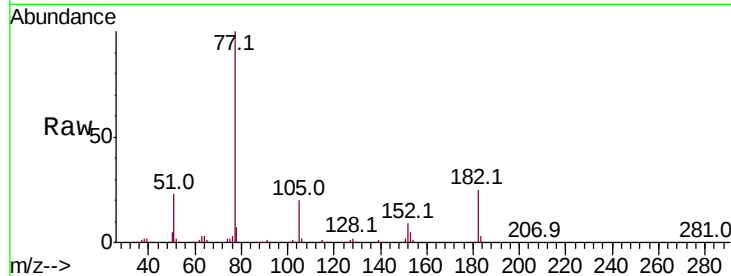
#63
Azobenzene
Concen: 44.337 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	7.4	47.4
105	19.9	0.0	39.6
51	23.1	12.0	52.0

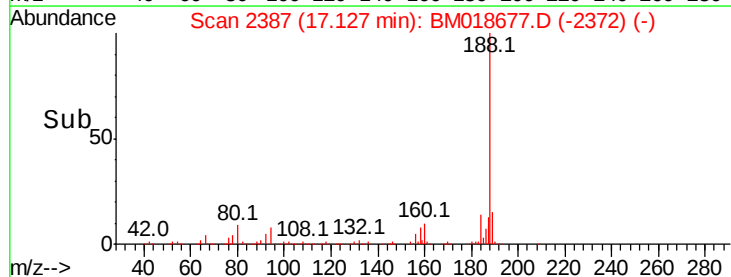
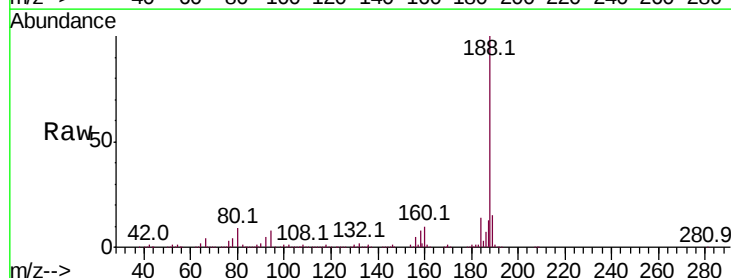
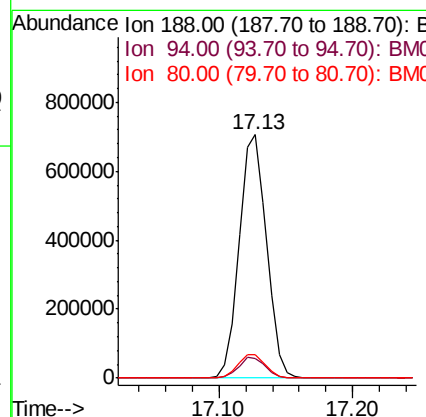
Manual Integrations
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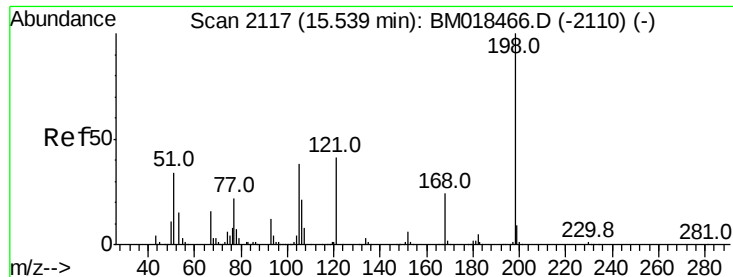
mohammad
1/30/2019 11:10:30 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	9.4	7.6	11.4





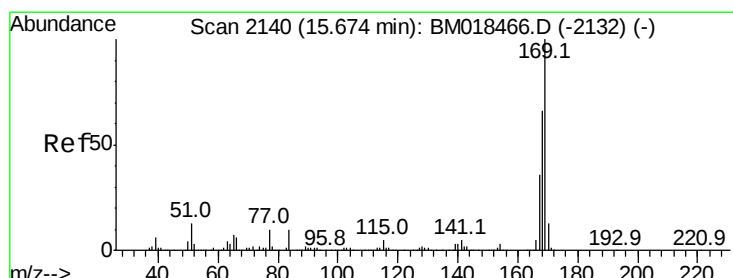
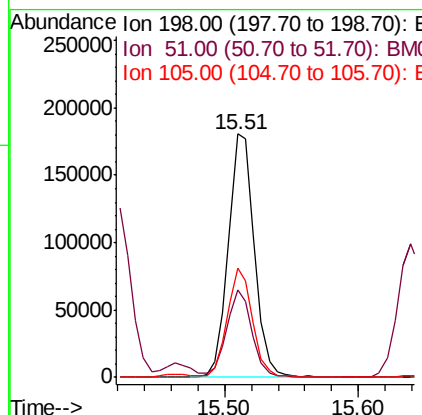
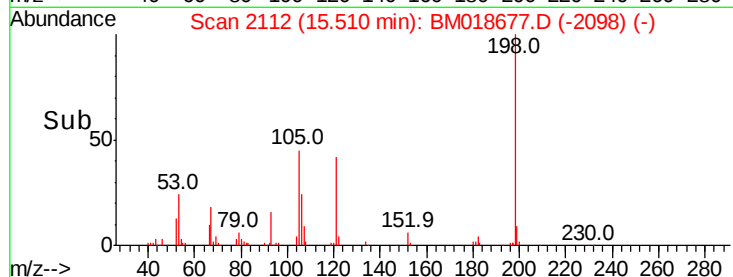
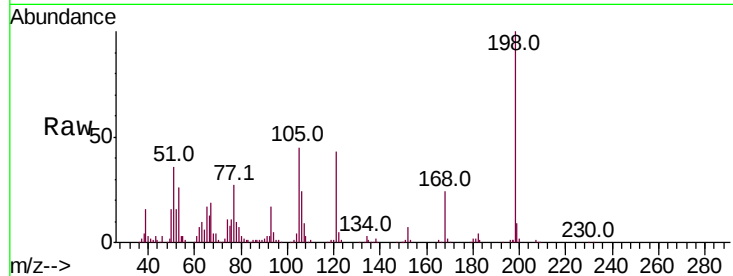
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.921 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. -0.02 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	248643		
51	35.9	29.6	69.6	
105	44.9	25.5	65.5	

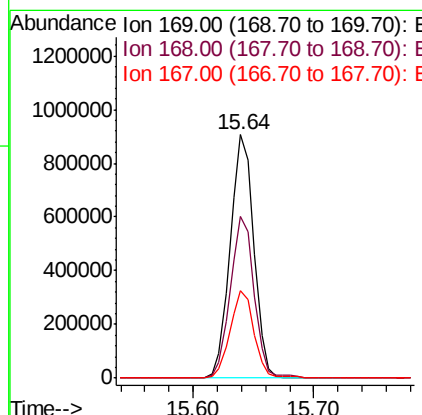
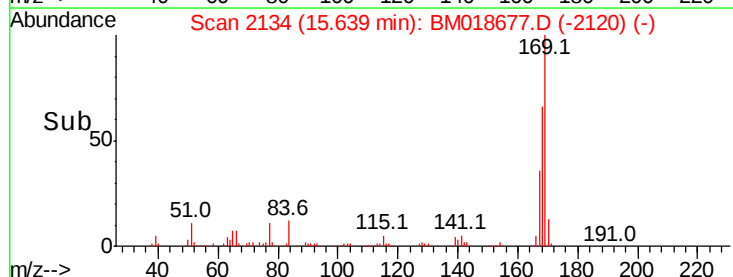
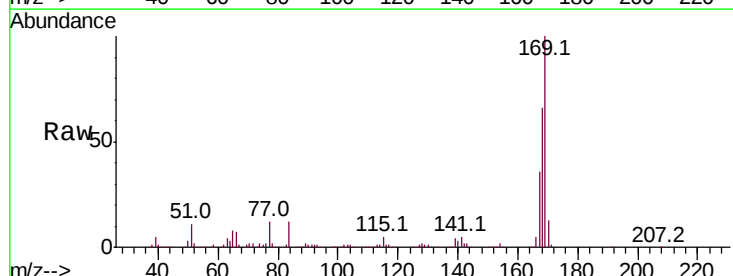
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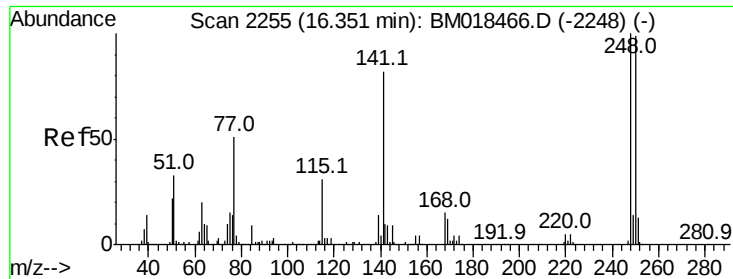
mohammad
 1/30/2019 11:10:30 AM



#66
 n-Nitrosodiphenylamine
 Concen: 39.655 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1233586		
168	66.2	54.1	81.1	
167	36.1	28.6	42.8	





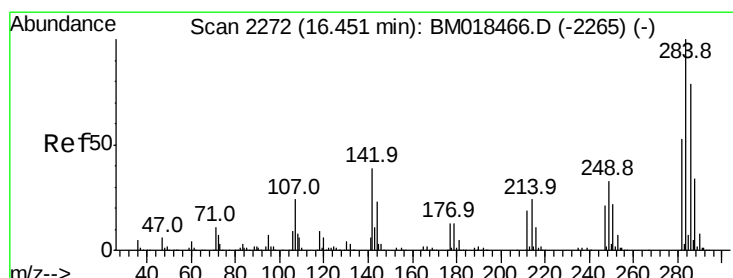
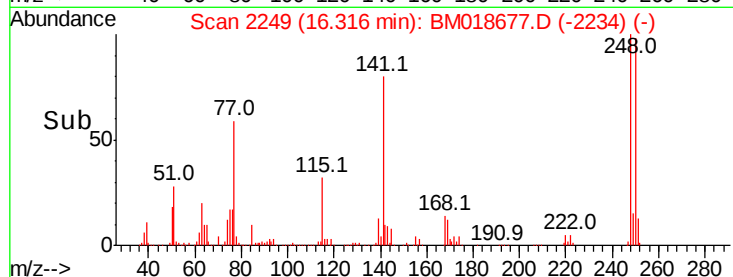
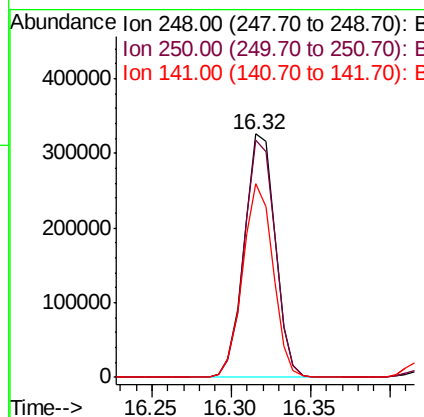
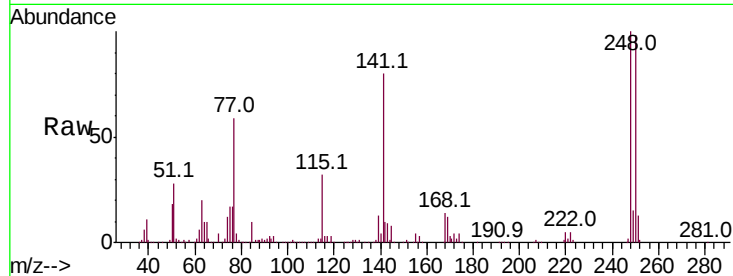
#67
4-Bromophenyl-phenylether
Concen: 39.438 ng
RT: 16.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.0	114.0
141	79.8	61.5	92.3

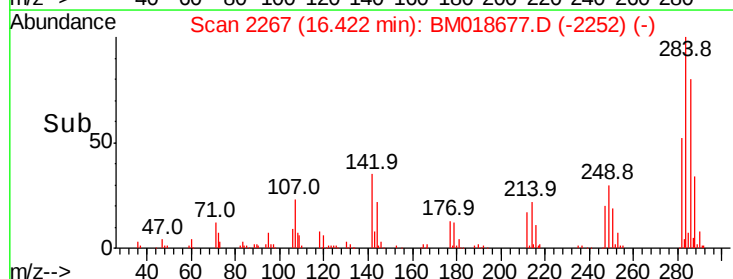
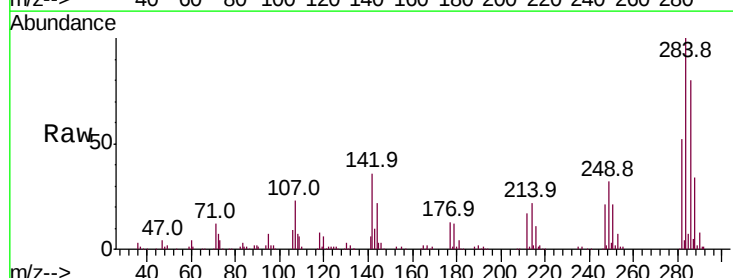
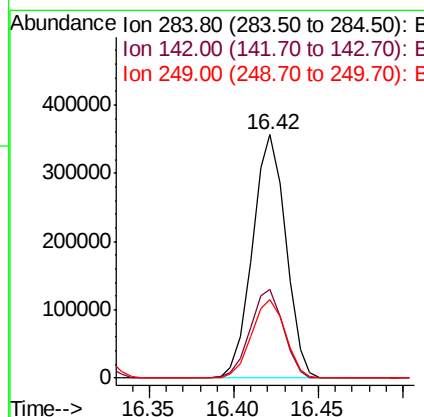
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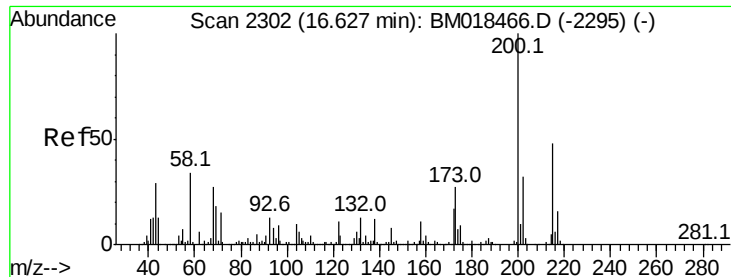
mohammad
1/30/2019 11:10:30 AM



#68
Hexachlorobenzene
Concen: 39.073 ng
RT: 16.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.2	43.8
249	32.3	26.1	39.1





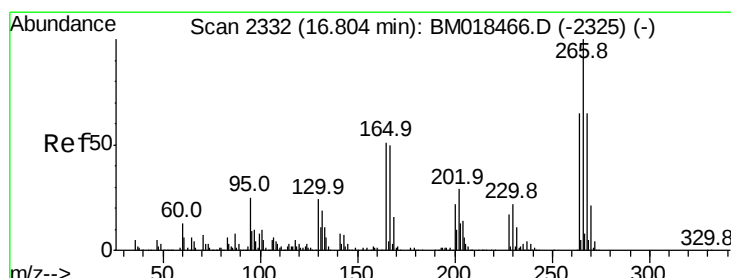
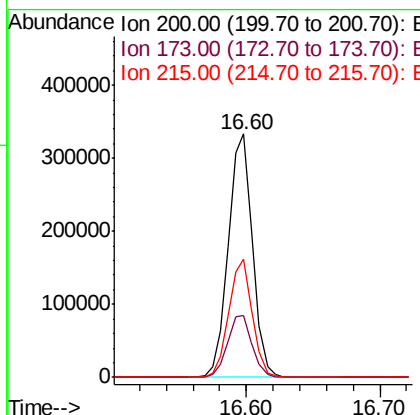
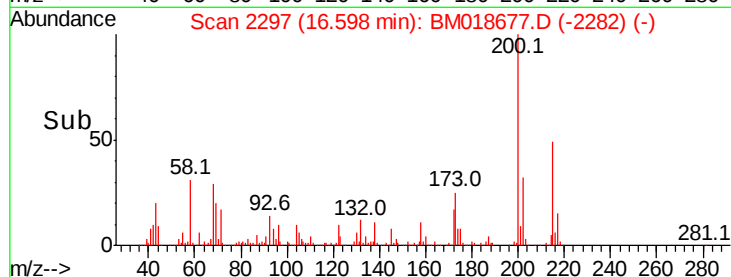
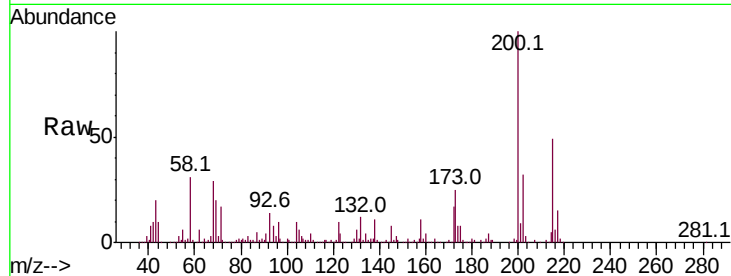
#69
Atrazine
Concen: 37.674 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	7.2	47.2
215	48.6	28.3	68.3

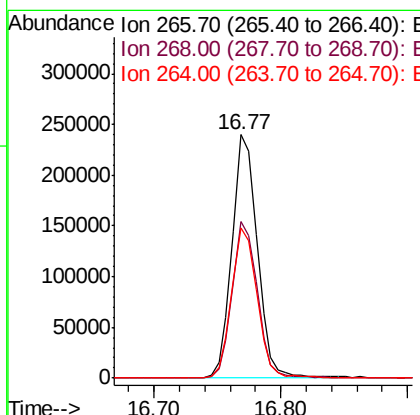
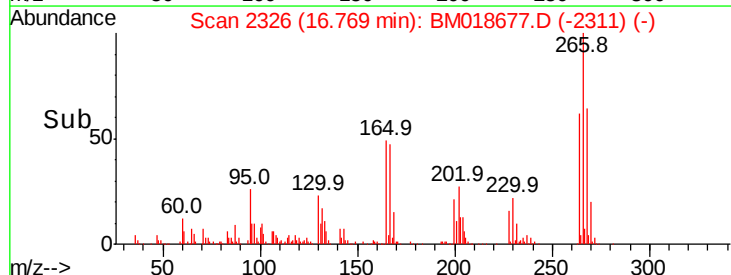
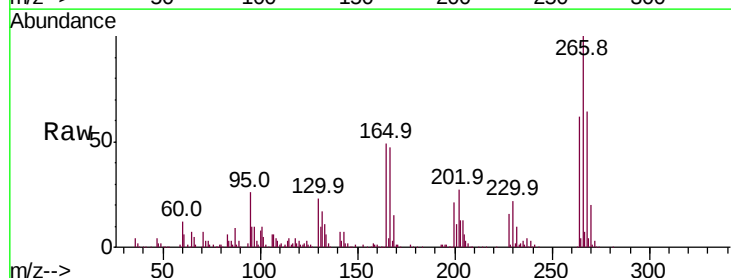
Manual Integrations
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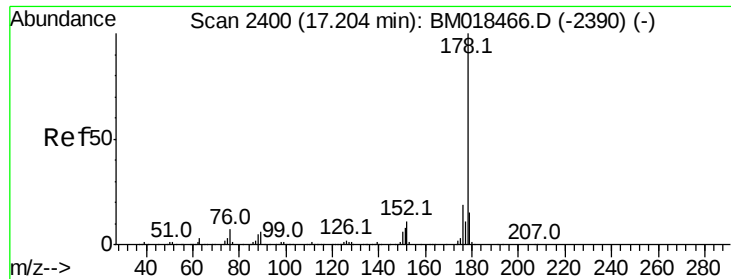
mohammad
1/30/2019 11:10:30 AM



#70
Pentachlorophenol
Concen: 40.296 ng
RT: 16.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.6
264	61.6	50.1	75.1





#71

Phenanthrene

Concen: 38.276 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2041706

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

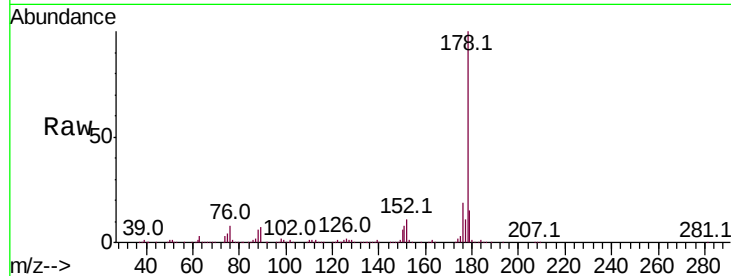
179 15.1 12.2 18.4

Manual Integrations

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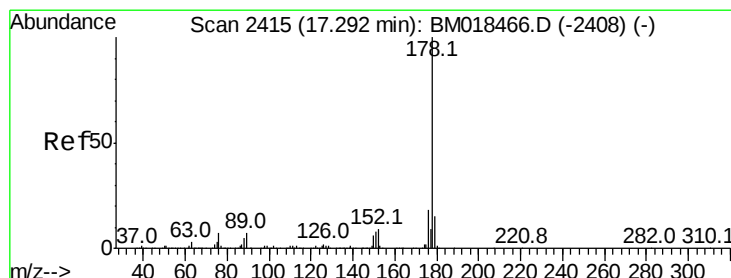
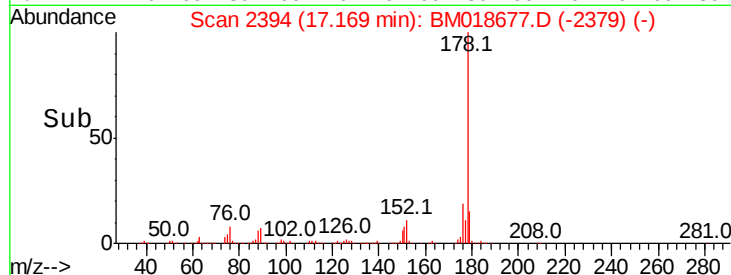
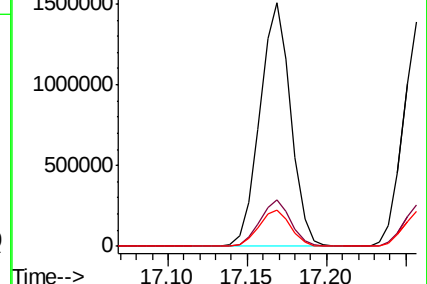
1/30/2019 11:10:30 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.209 ng

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion:178 Resp: 2011149

Ion Ratio Lower Upper

178 100

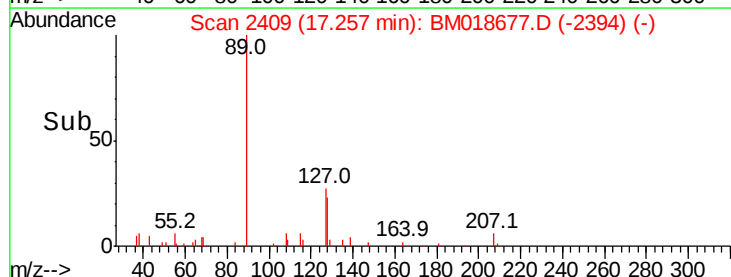
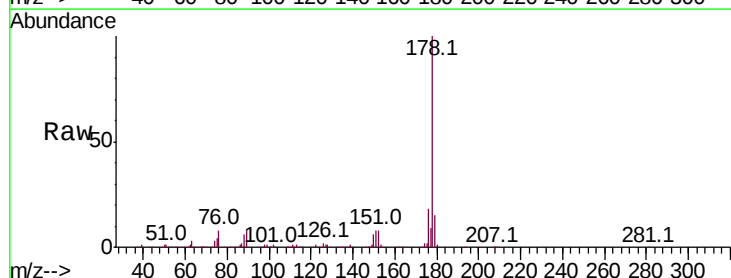
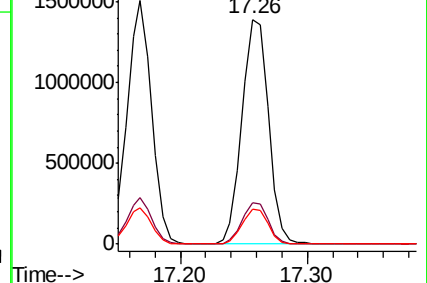
176 18.4 14.7 22.1

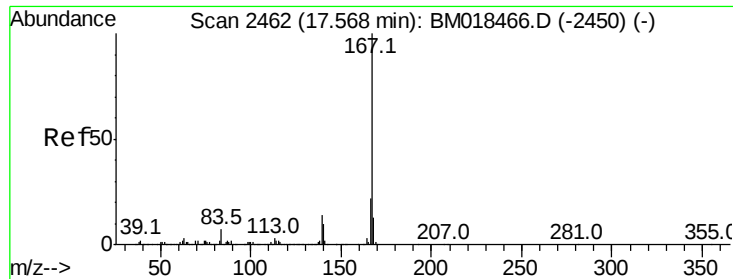
179 15.5 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.824 ng

RT: 17.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2045971

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

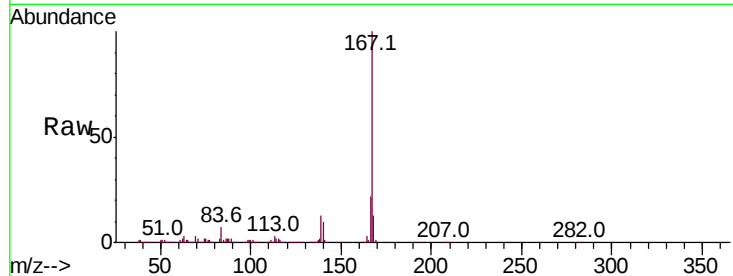
139 12.9 10.6 16.0

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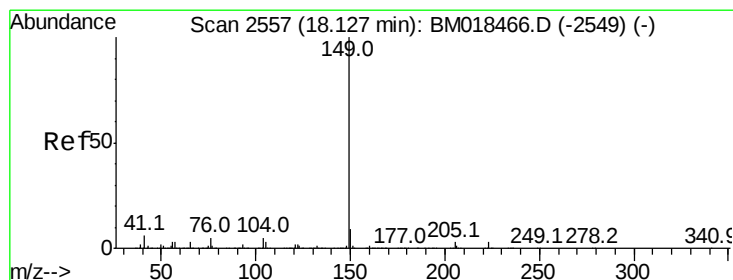
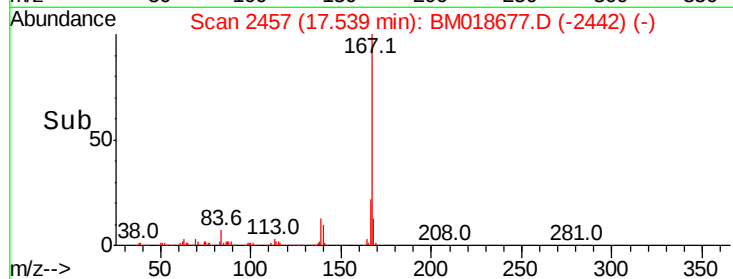
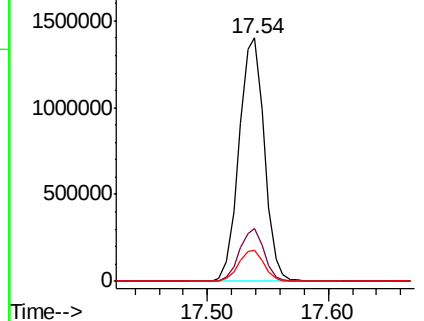
1/30/2019 11:10:30 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.167 ng

RT: 18.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

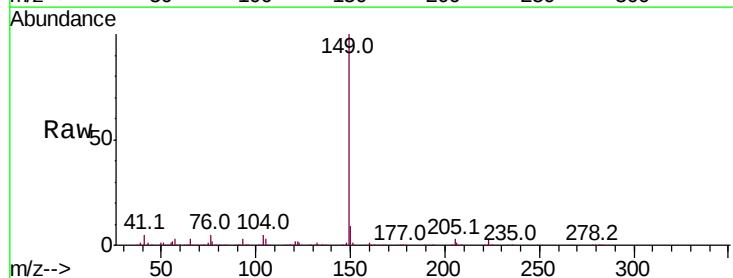
Tgt Ion:149 Resp: 2318642

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

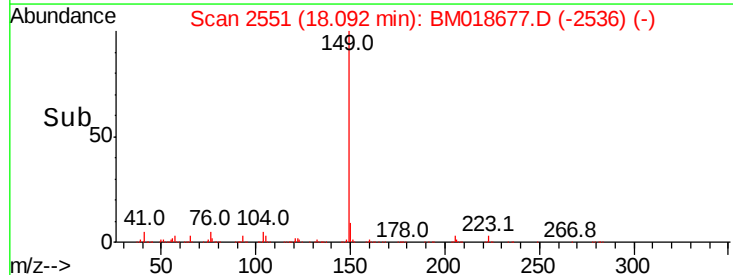
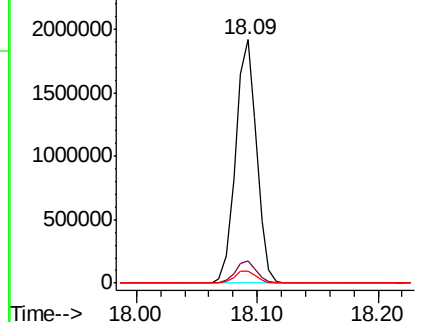
104 5.1 4.2 6.4

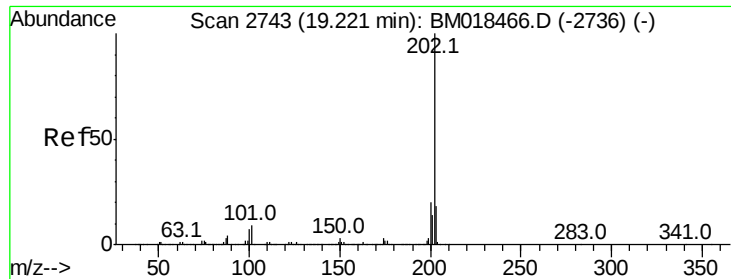


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.208 ng

RT: 19.19 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2349752

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.9

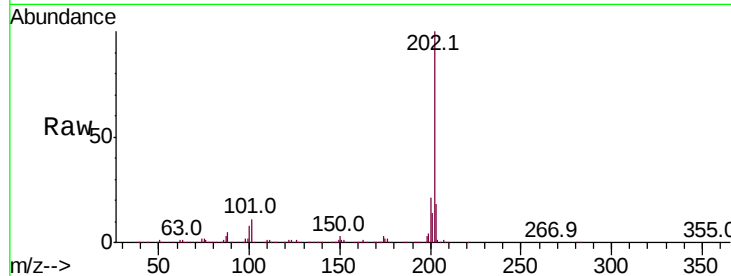
203 17.8 0.0 37.4

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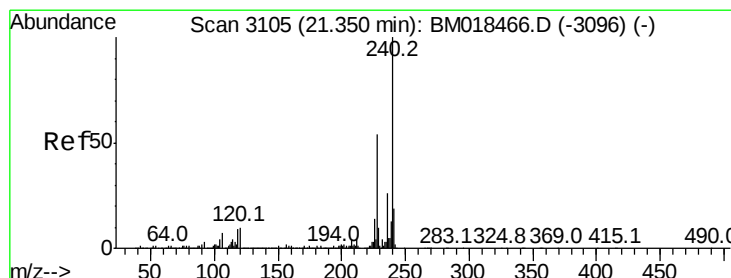
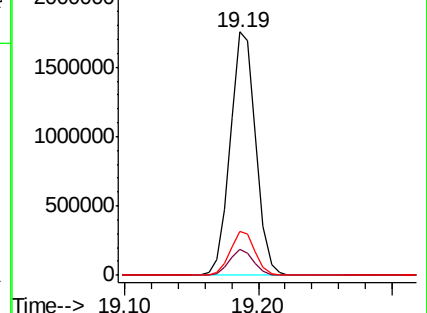
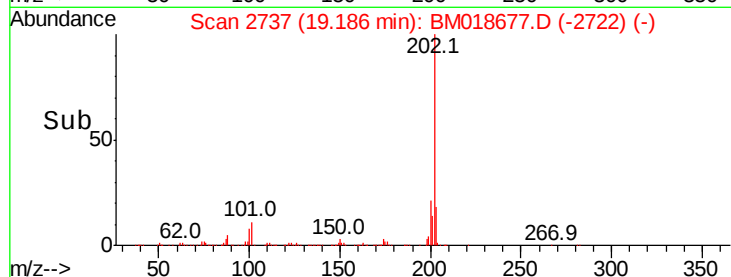
1/30/2019 11:10:30 AM



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: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

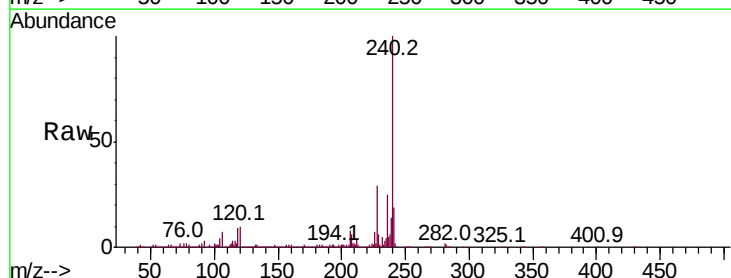
Tgt Ion:240 Resp: 1067895

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

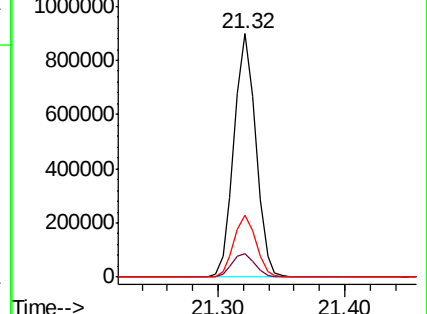
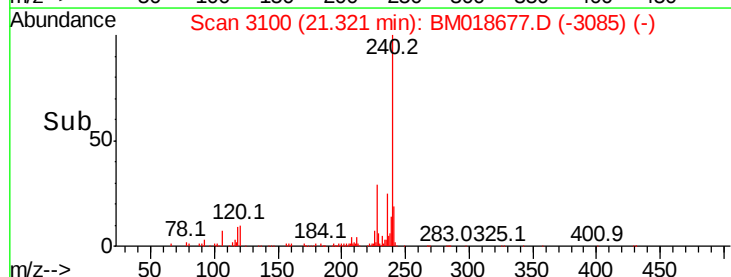
236 25.5 20.7 31.1

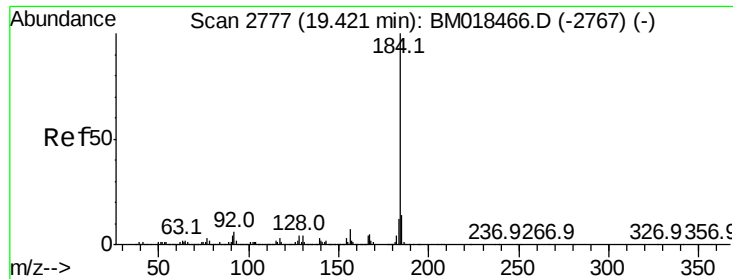


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.823 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

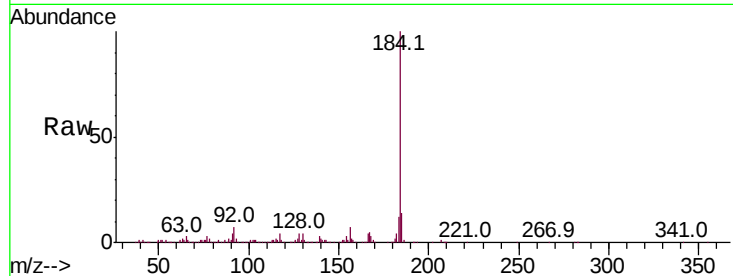
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.0
183	11.8	9.5	14.3

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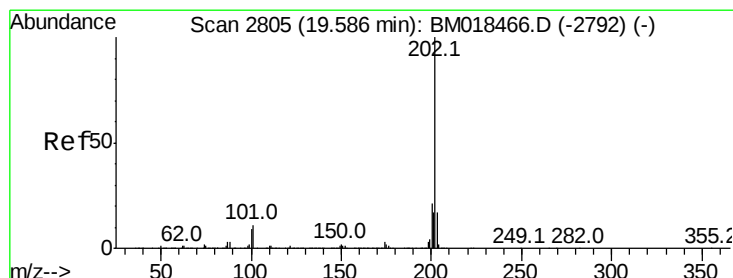
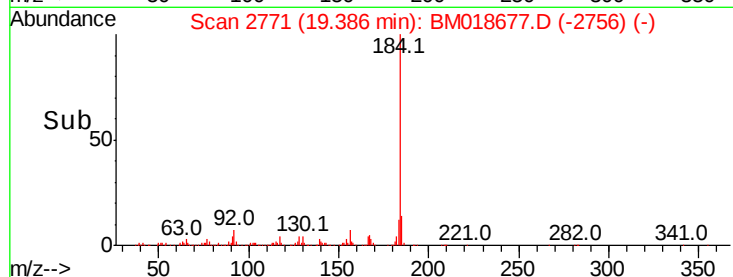
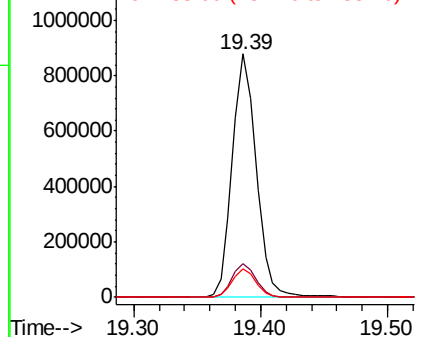


Abundance

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: 39.067 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

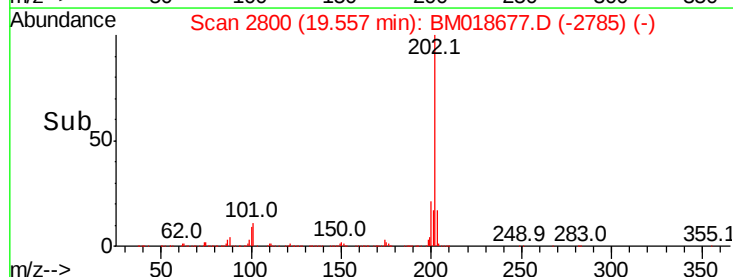
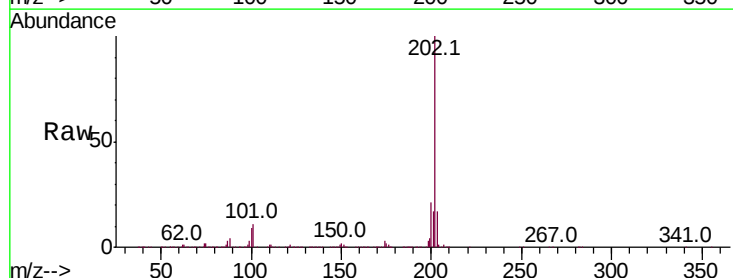
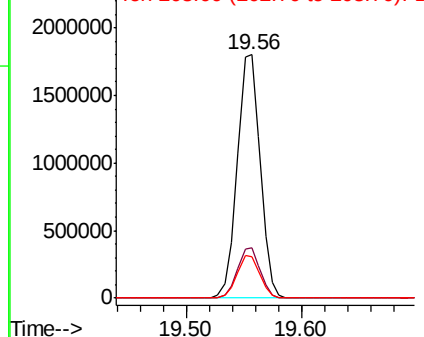
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.0	13.8	20.8

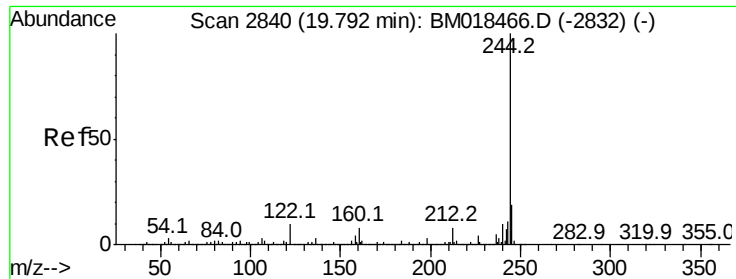
Abundance

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





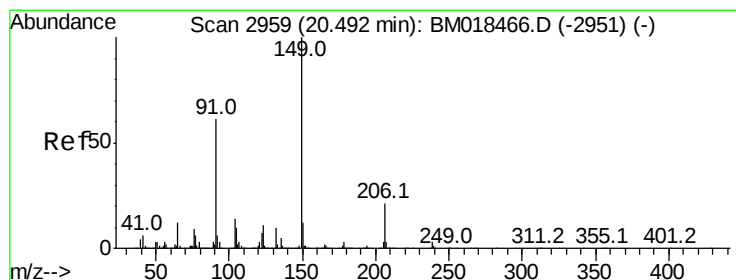
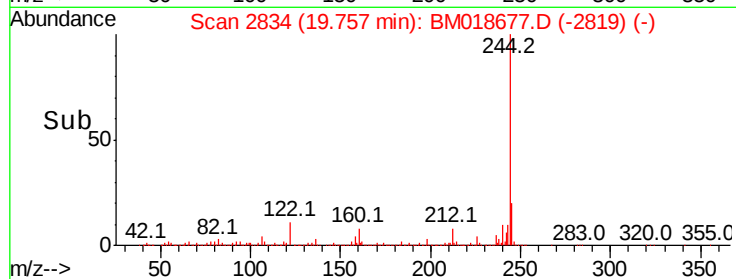
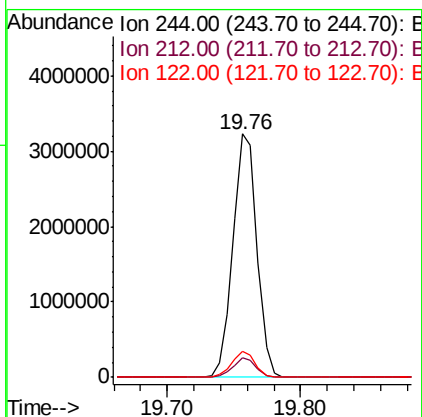
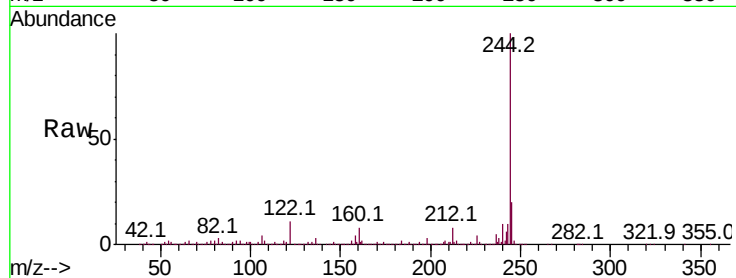
#79
 Terphenyl-d14
 Concen: 80.046 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.8	9.0	13.4

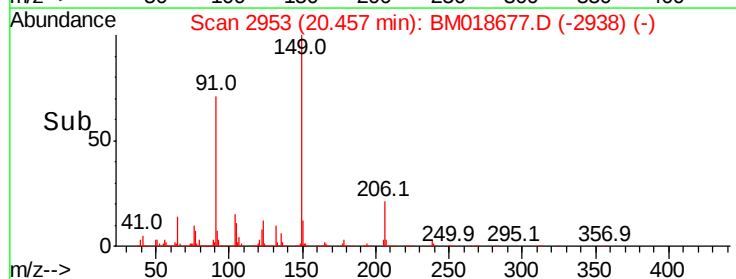
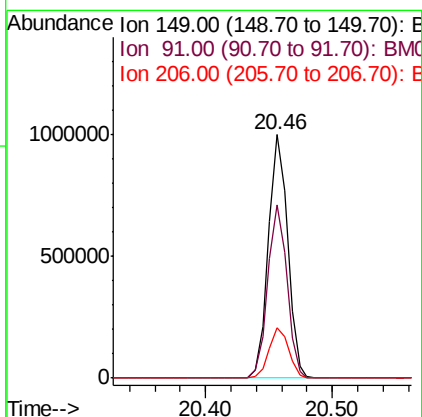
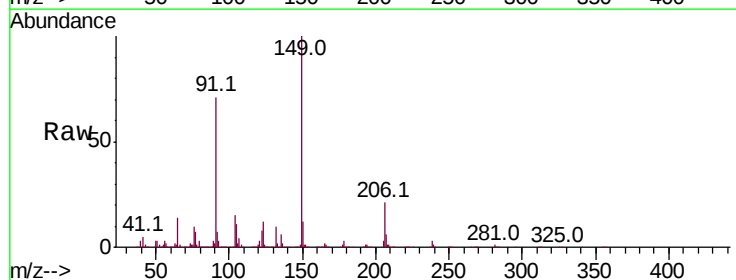
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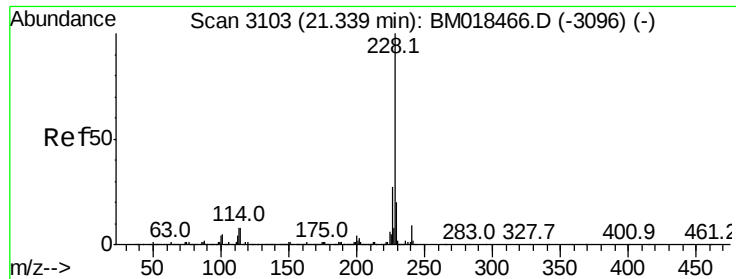
mohammad
 1/30/2019 11:10:30 AM



#80
 Butylbenzylphthalate
 Concen: 39.245 ng
 RT: 20.46 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM018677.D
 Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	53.1	79.7
206	20.8	16.2	24.4





#81

Benzo(a)anthracene

Concen: 38.642 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2431004

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.9	15.8	23.8

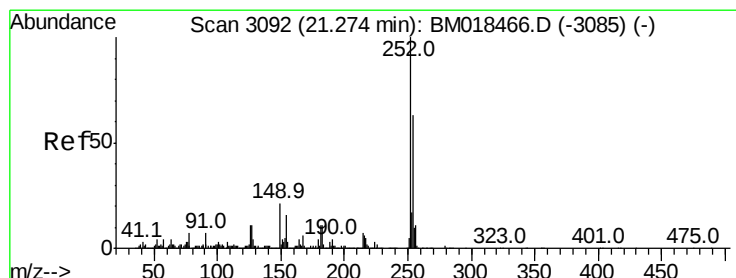
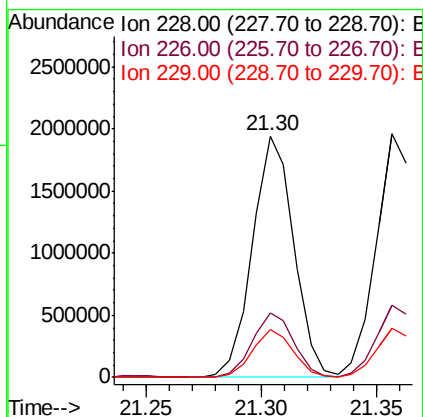
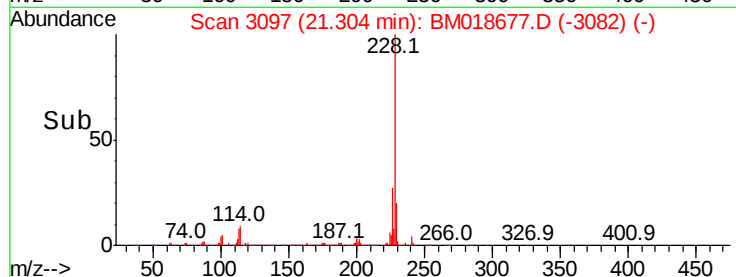
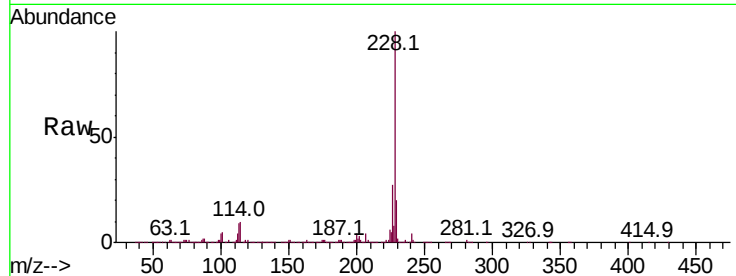
228 100

226 26.7 21.8 32.6

229 19.9 15.8 23.8

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#82

3,3'-Dichlorobenzidine

Concen: 40.502 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

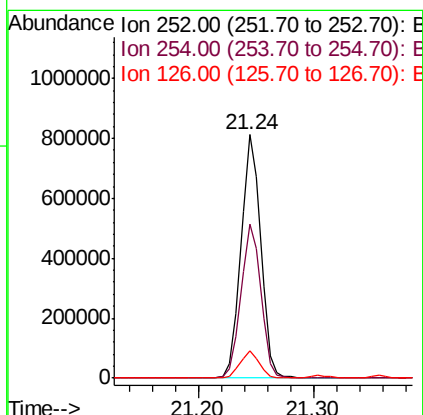
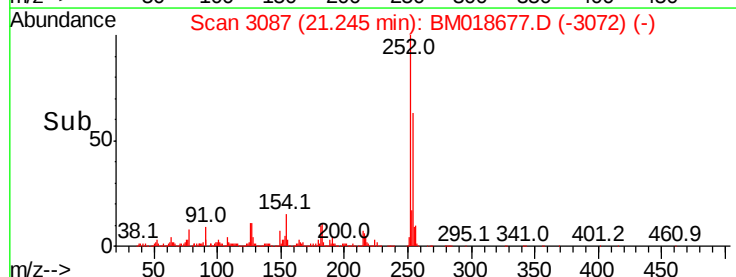
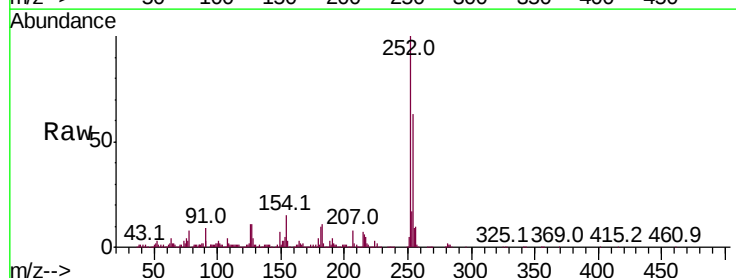
Tgt Ion:252 Resp: 963535

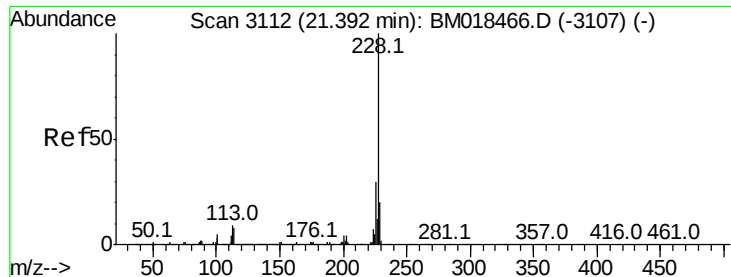
Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.0
126	11.4	8.7	13.1

252 100

254 63.3 51.4 77.0

126 11.4 8.7 13.1





#83

Chrysene

Concen: 38.579 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:228 Resp: 2343674

Ion Ratio Lower Upper

228 100

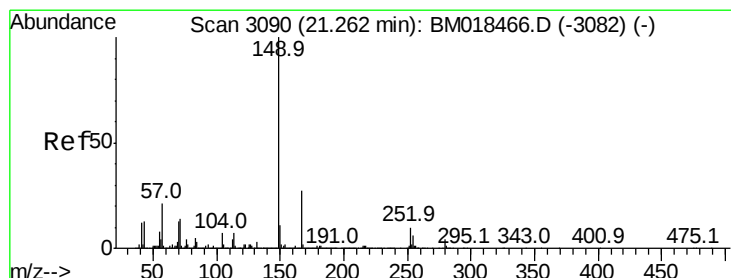
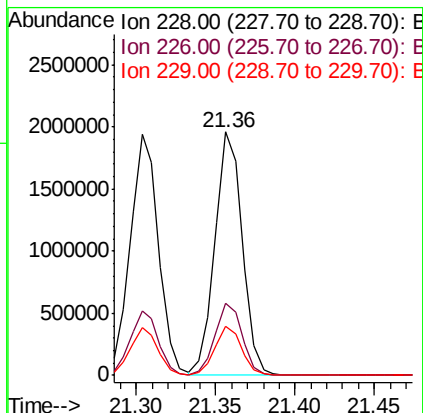
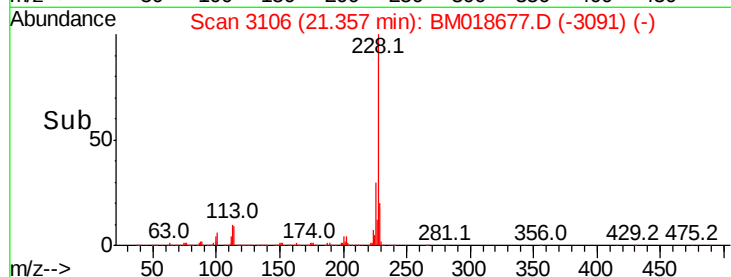
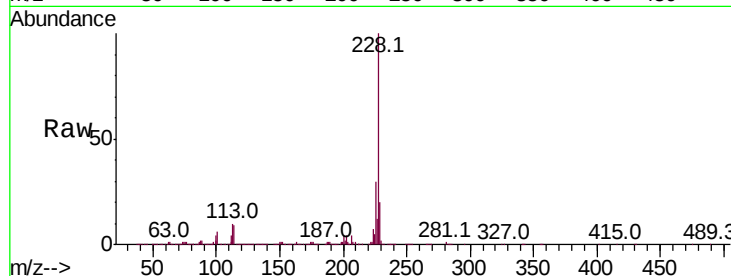
226 29.9 24.2 36.2

229 20.0 15.6 23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.163 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

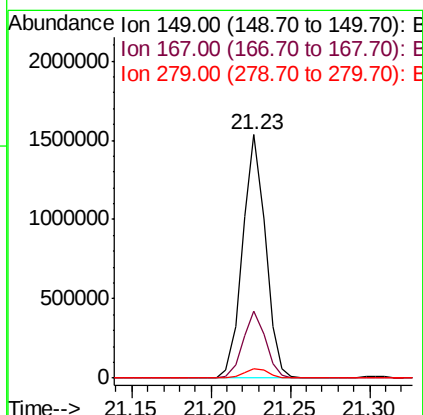
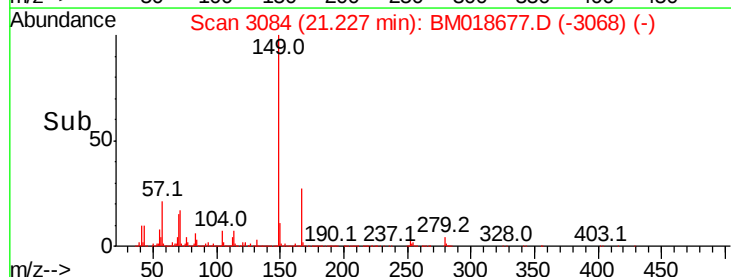
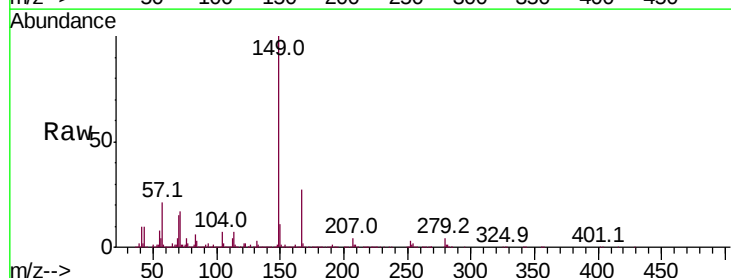
Tgt Ion:149 Resp: 1527488

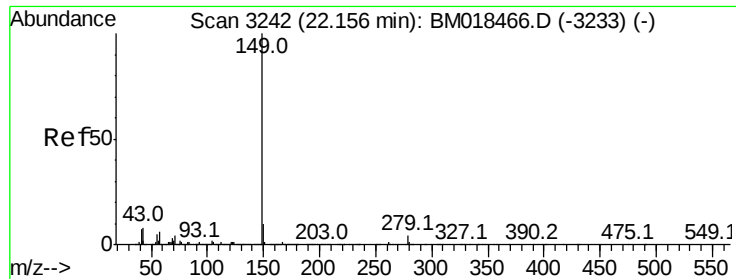
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.629 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

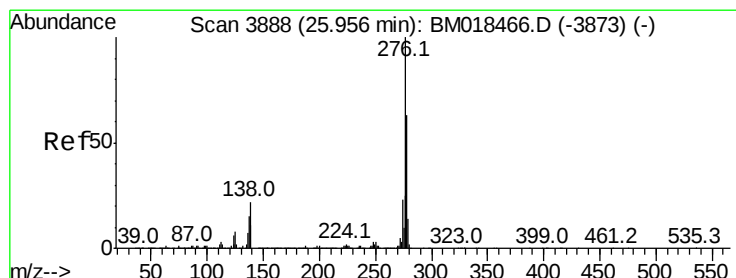
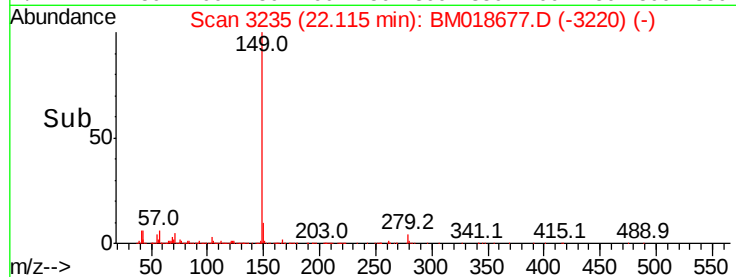
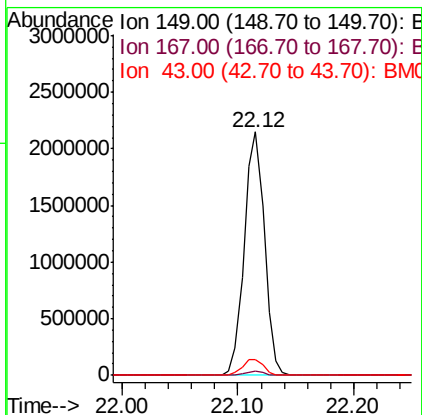
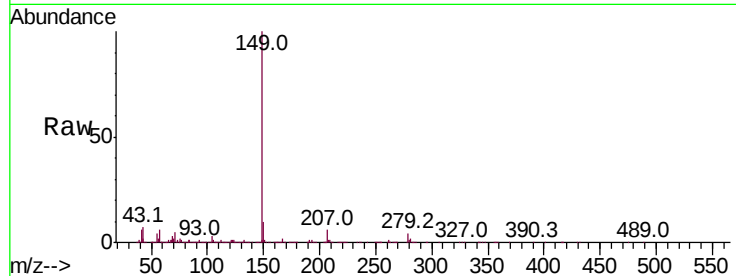
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	2599677
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.8	8.6	12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.720 ng

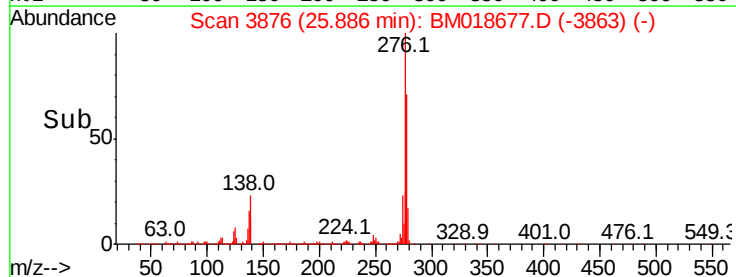
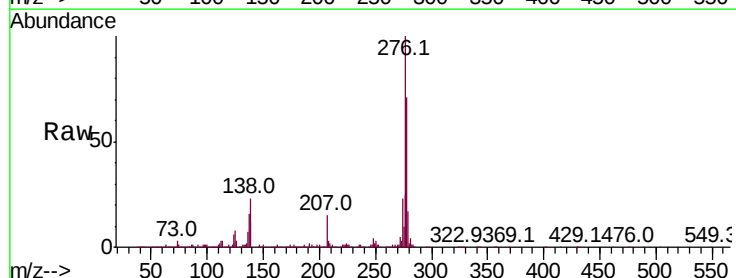
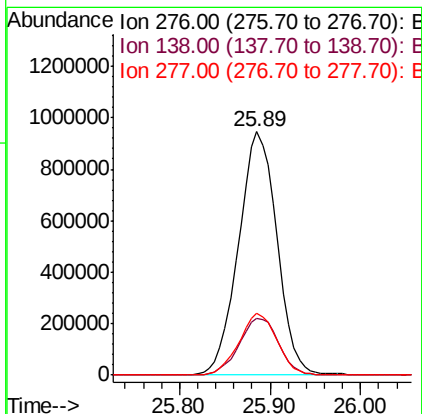
RT: 25.89 min Scan# 3876

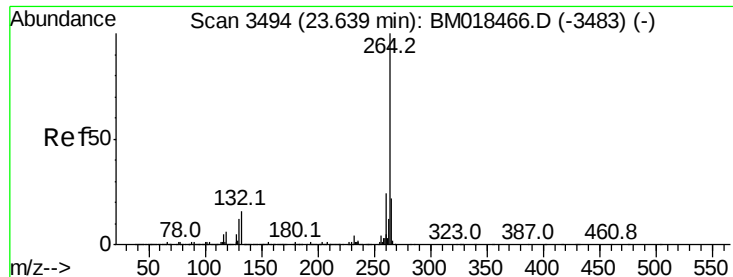
Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion:	276	Resp:	2782450
Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.5	32.3
277	25.3	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

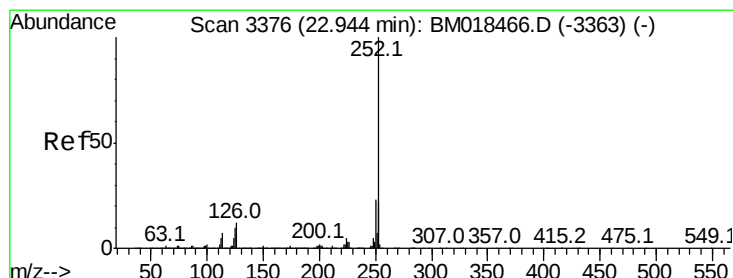
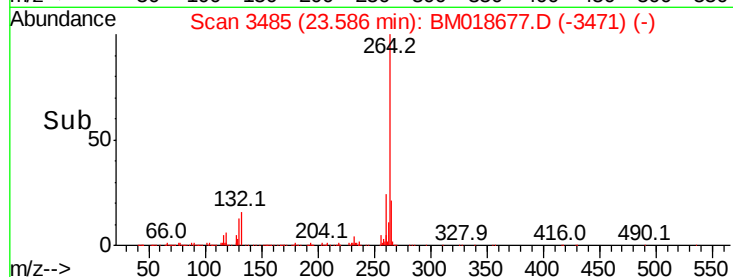
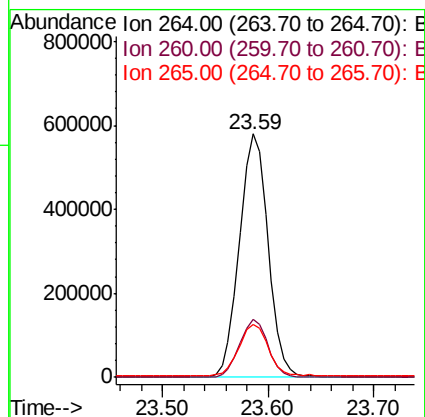
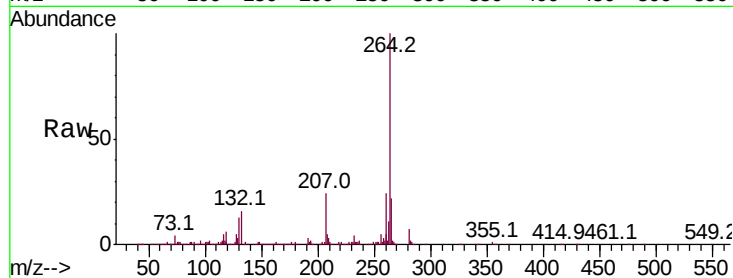
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	1094643
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.8	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 39.264 ng

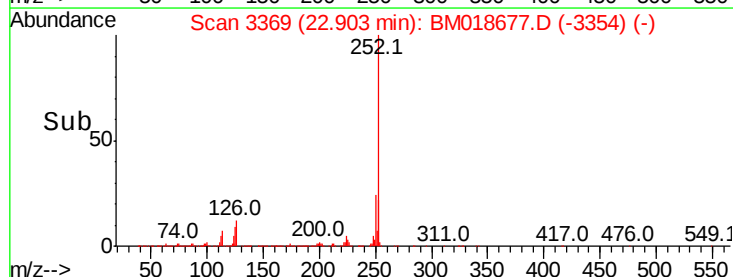
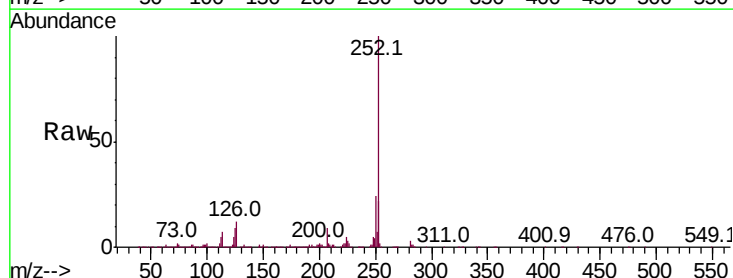
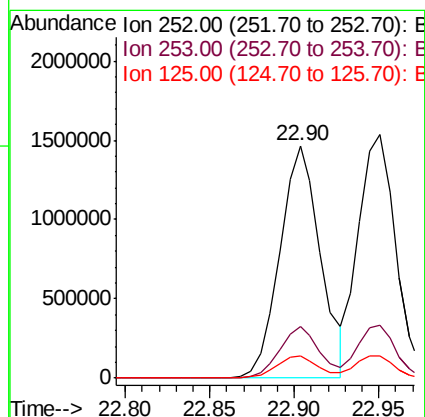
RT: 22.90 min Scan# 3369

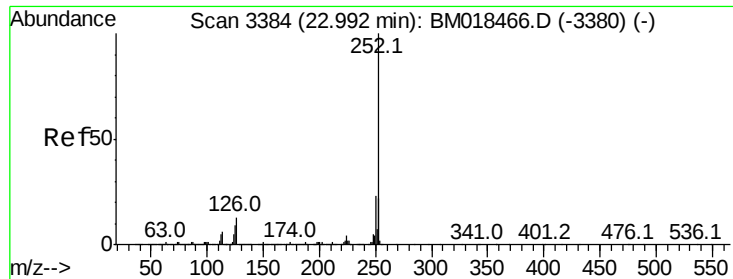
Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Tgt Ion:	252	Resp:	2440074
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.5	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 37.602 ng

RT: 22.95 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 2354998

Ion Ratio Lower Upper

252 100

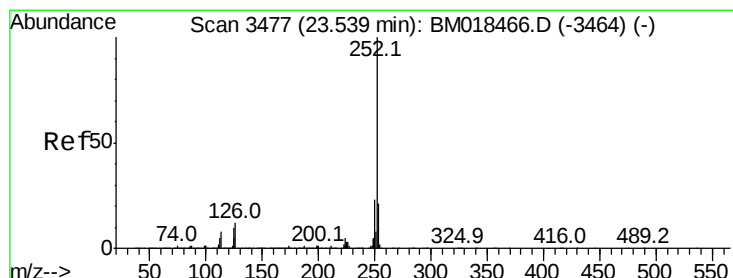
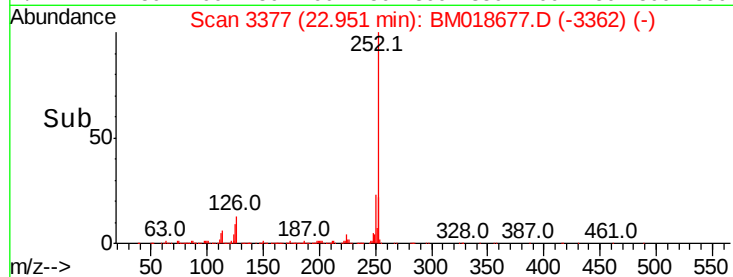
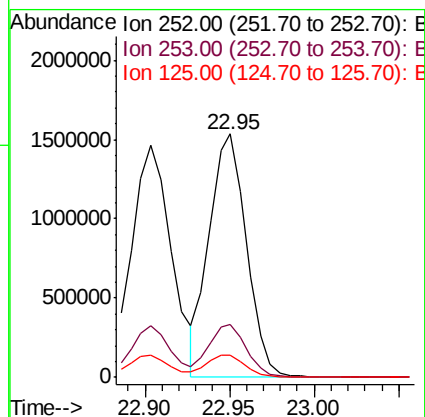
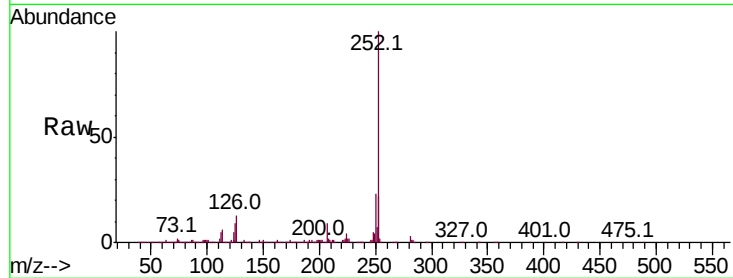
253 21.8 17.4 26.0

125 9.2 8.6 12.8

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#90

Benzo(a)pyrene

Concen: 38.575 ng

RT: 23.49 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018677.D

Acq: 29 Jan 2019 14:44

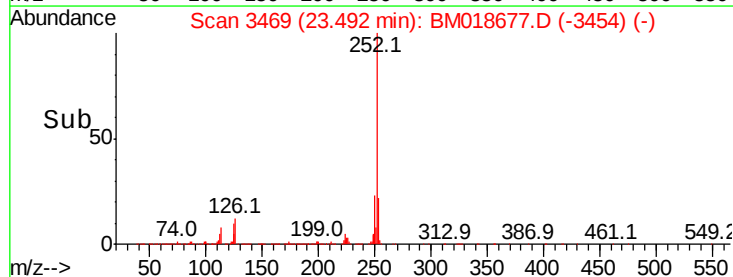
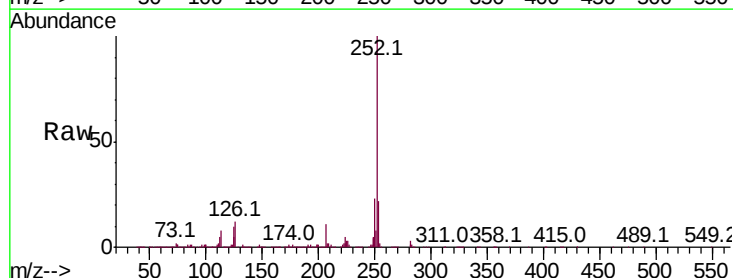
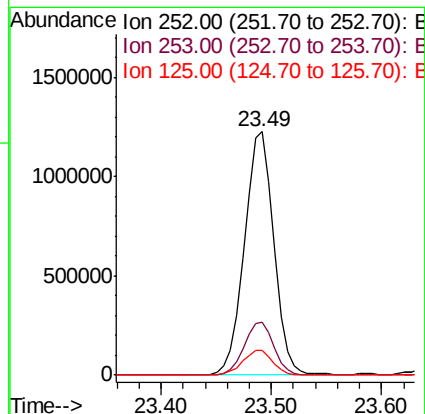
Tgt Ion:252 Resp: 2295006

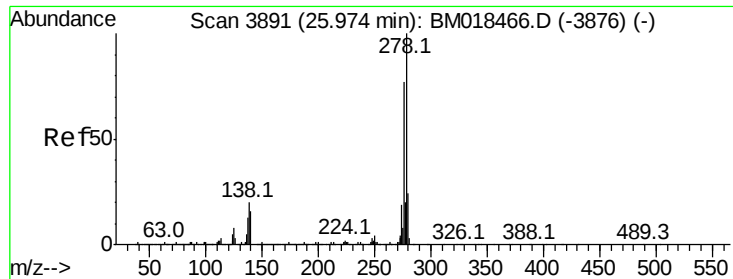
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.4 9.7 14.5





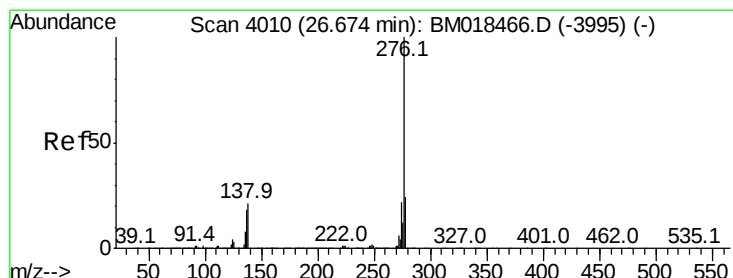
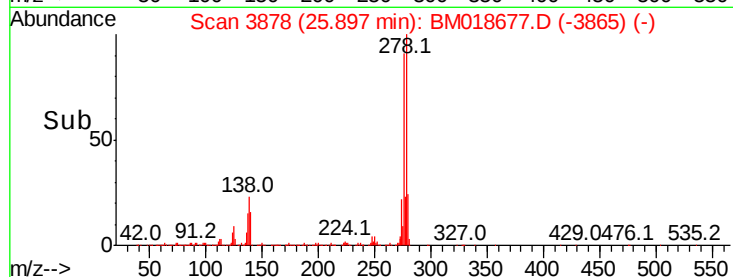
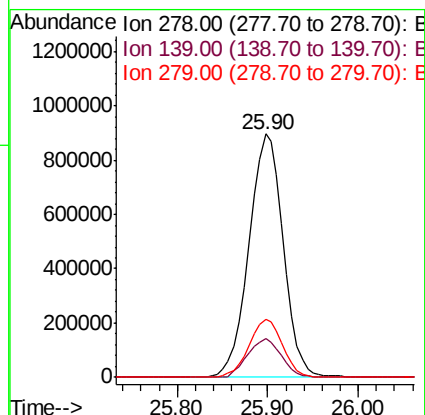
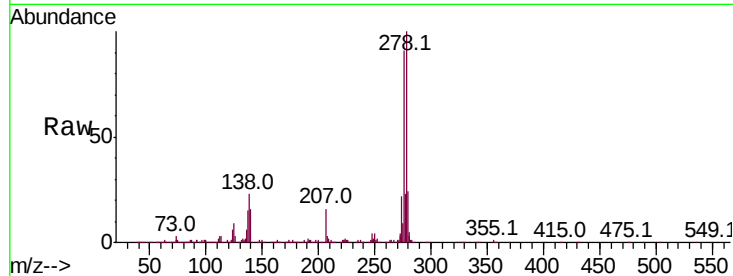
#91
Dibenzo(a,h)anthracene
Concen: 39.093 ng
RT: 25.90 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.2	19.8
279	23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
1/30/2019 11:10:30 AM



#92
Benzo(g,h,i)perylene
Concen: 39.374 ng
RT: 26.60 min Scan# 3997
Delta R.T. -0.02 min
Lab File: BM018677.D
Acq: 29 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.8	18.1	27.1

