

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018716.D
 Acq On : 04 Feb 2019 13:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:41:01 AM

Quant Time: Feb 04 14:41:43 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	252603	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	994221	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	541066	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1206472	20.00	ng	-0.02
76) Chrysene-d12	21.31	240	1240012	20.00	ng	-0.02
87) Perylene-d12	23.57	264	1236091	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1105408	80.80	ng	-0.02
7) Phenol-d6	6.89	99	1430709	82.34	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1336893	77.95	ng	-0.02
42) 2,4,6-Tribromophenol	15.86	330	569496	82.66	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3207783	77.36	ng	-0.02
79) Terphenyl-d14	19.75	244	4738773	80.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	208708	37.432	ng	97
3) Pyridine	3.66	79	554800	39.911	ng	96
4) n-Nitrosodimethylamine	3.57	42	229661	39.953	ng	# 93
6) Aniline	7.06	93	828176	42.729	ng	100
8) 2-Chlorophenol	7.28	128	644842	40.360	ng	95
9) Benzaldehyde	6.87	77	352175	33.687	ng	99
10) Phenol	6.92	94	713040	40.384	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	540859	38.985	ng	96
12) 1,3-Dichlorobenzene	7.60	146	739147	38.846	ng	99
13) 1,4-Dichlorobenzene	7.75	146	749202	38.848	ng	99
14) 1,2-Dichlorobenzene	8.07	146	716833	39.200	ng	98
15) Benzyl Alcohol	7.97	79	520600	41.483	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	715840	40.376	ng	98
17) 2-Methylphenol	8.16	107	490685	40.942	ng	99
18) Hexachloroethane	8.78	117	259408	37.725	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	438493	38.779	ng	93
20) 3+4-Methylphenols	8.49	107	672758	40.662	ng	98
22) Acetophenone	8.55	105	938695	38.167	ng	# 98
24) Nitrobenzene	8.93	77	660409	39.136	ng	98
25) Isophorone	9.45	82	1005479	38.716	ng	98
26) 2-Nitrophenol	9.63	139	360435	44.173	ng	97
27) 2,4-Dimethylphenol	9.69	122	484508	39.616	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	695657	38.775	ng	99
29) 2,4-Dichlorophenol	10.16	162	597688	41.041	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	686547	37.981	ng	99
31) Naphthalene	10.56	128	1856238	38.767	ng	99
32) Benzoic acid	9.83	122	384245m	46.844	ng	
33) 4-Chloroaniline	10.68	127	813606	43.146	ng	99
34) Hexachlorobutadiene	10.82	225	423010	37.042	ng	99
35) Caprolactam	11.49	113	198484	40.087	ng	88
36) 4-Chloro-3-methylphenol	11.80	107	612414	40.083	ng	99
37) 2-Methylnaphthalene	12.17	142	1280332	37.846	ng	98
38) 1-Methylnaphthalene	12.40	142	1242252	37.951	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	736061	38.902	ng	99

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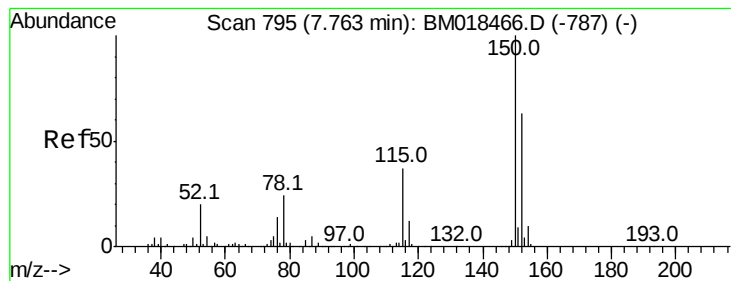
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	338343	32.582	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	484084	42.131	nq	98
44) 2,4,5-Trichlorophenol	12.86	196	500572	41.424	nq	99
46) 1,1'-Biphenyl	13.20	154	1832623	38.791	nq	99
47) 2-Chloronaphthalene	13.24	162	1423269	38.850	nq	100
48) 2-Nitroaniline	13.46	65	370883	41.149	nq	91
49) Acenaphthylene	14.09	152	2096776	39.274	nq	100
50) Dimethylphthalate	13.83	163	1690777	38.049	nq	99
51) 2,6-Dinitrotoluene	13.96	165	377926	40.151	nq	92
52) Acenaphthene	14.43	154	1269812	38.872	nq	98
53) 3-Nitroaniline	14.29	138	406291	42.815	nq	96
54) 2,4-Dinitrophenol	14.50	184	166708	36.973	nq	90
55) Dibenzofuran	14.77	168	2045728	37.902	nq	100
56) 4-Nitrophenol	14.60	139	314642	38.381	nq	96
57) 2,4-Dinitrotoluene	14.75	165	518468	38.930	nq	100
58) Fluorene	15.42	166	1542191	38.356	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	430818	40.222	nq	96
60) Diethylphthalate	15.20	149	1694609	37.776	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	868549	37.480	nq	99
62) 4-Nitroaniline	15.46	138	388070	37.492	nq	95
63) Azobenzene	15.71	77	1424884	38.959	nq	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	292131	39.113	nq	89
66) n-Nitrosodiphenylamine	15.63	169	1470339	39.288	nq	99
67) 4-Bromophenyl-phenylether	16.31	248	518984	38.440	nq	99
68) Hexachlorobenzene	16.42	284	576698	38.156	nq	99
69) Atrazine	16.59	200	488542	36.109	nq	99
70) Pentachlorophenol	16.77	266	391662	39.567	nq	98
71) Phenanthrene	17.16	178	2461959	38.365	nq	99
72) Anthracene	17.26	178	2424734	39.293	nq	100
73) Carbazole	17.53	167	2501556	39.458	nq	99
74) Di-n-butylphthalate	18.09	149	2797140	40.278	nq	99
75) Fluoranthene	19.18	202	2828649	38.233	nq	99
77) Benzidine	19.38	184	1087643	35.523	nq	100
78) Pyrene	19.55	202	2955762	40.214	nq	100
80) Butylbenzylphthalate	20.45	149	1292875	41.222	nq	96
81) Benzo(a)anthracene	21.30	228	2814997	38.535	nq	100
82) 3,3'-Dichlorobenzidine	21.24	252	1058998	38.336	nq	98
83) Chrysene	21.35	228	2704098	38.333	nq	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	1816500	40.108	nq	99
85) Di-n-octyl phthalate	22.10	149	3076406	40.387	nq	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3070531	37.748	nq	98
88) Benzo(b)fluoranthene	22.89	252	2716939	38.716	nq	99
89) Benzo(k)fluoranthene	22.94	252	2678946	37.880	nq	98
90) Benzo(a)pyrene	23.47	252	2600512	38.708	nq	98
91) Dibenzo(a,h)anthracene	25.88	278	2613209	38.388	nq	99
92) Benzo(g,h,i)perylene	26.58	276	2572440	38.833	nq	97

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



#1

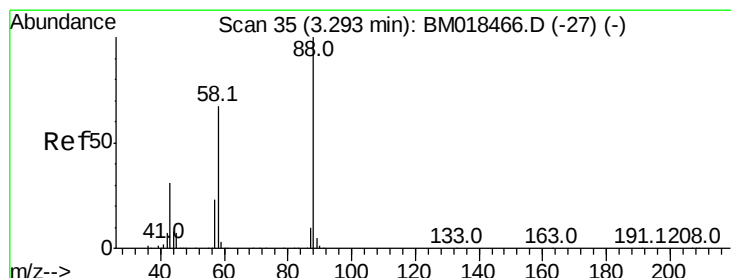
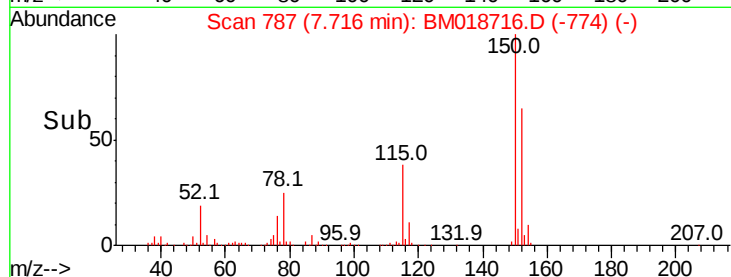
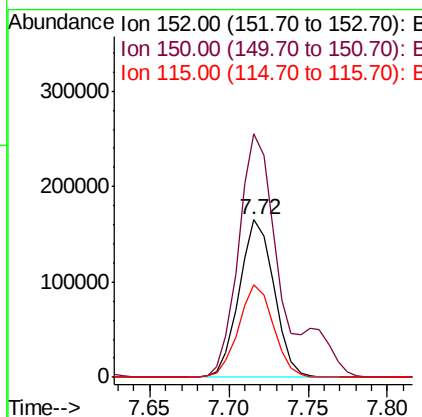
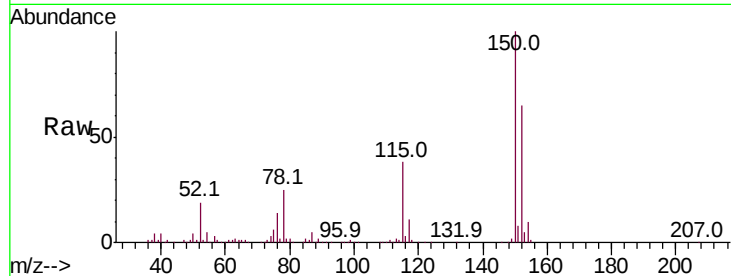
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	58.9	45.5	68.3

Manual Integrations
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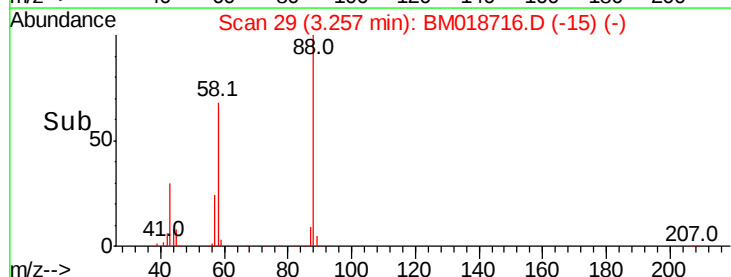
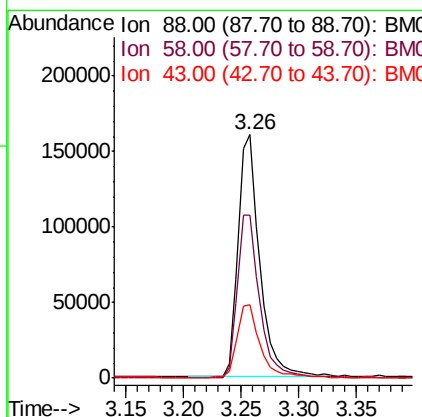
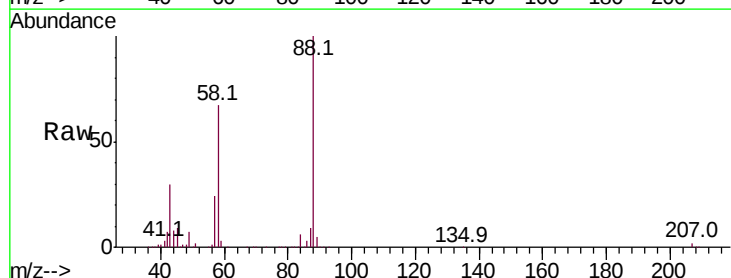
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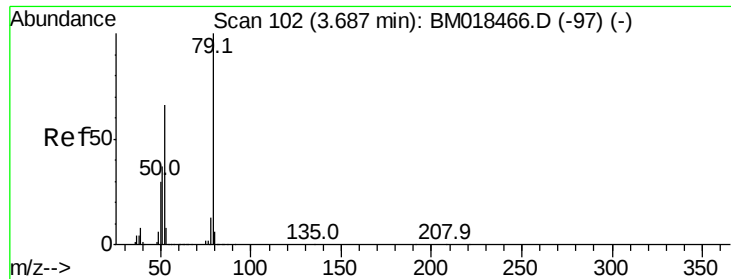


#2

1,4-Dioxane
Concen: 37.432 ng
RT: 3.26 min Scan# 29
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	58.4	87.6
43	31.2	26.2	39.4





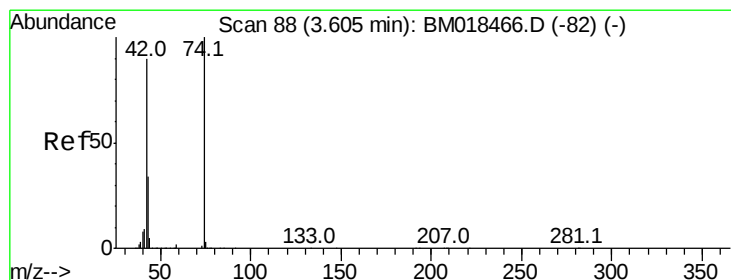
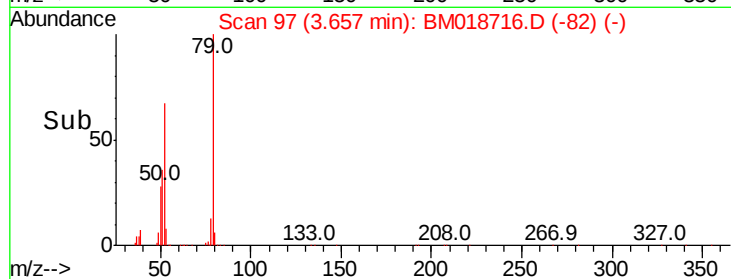
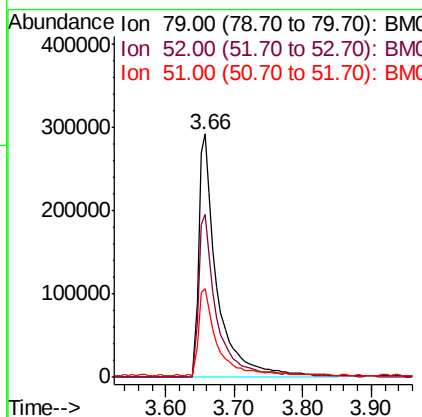
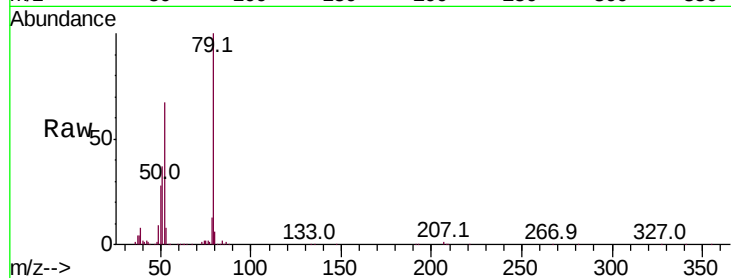
#3
 Pvridine
 Concen: 39.911 ng
 RT: 3.66 min Scan# 97
 Delta R.T. -0.01 min
 Lab File: BM018716.D
 Acq: 04 Feb 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.0	56.4	84.6
51	36.5	31.0	46.4

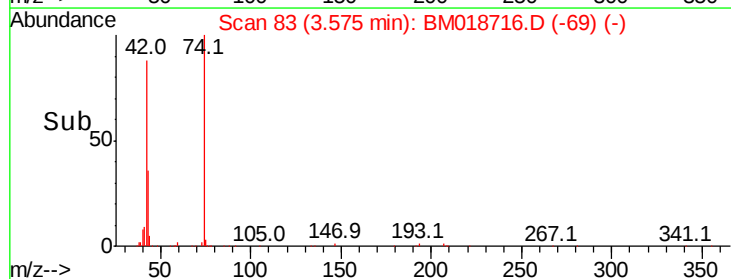
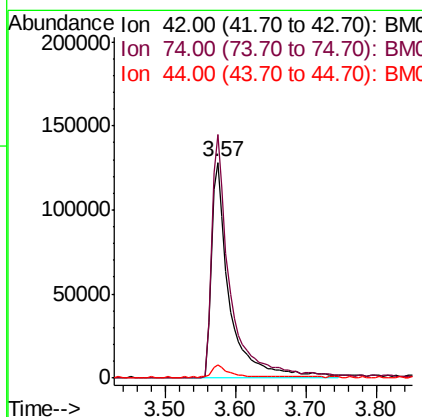
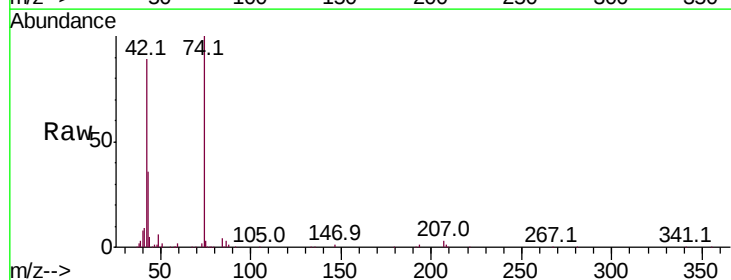
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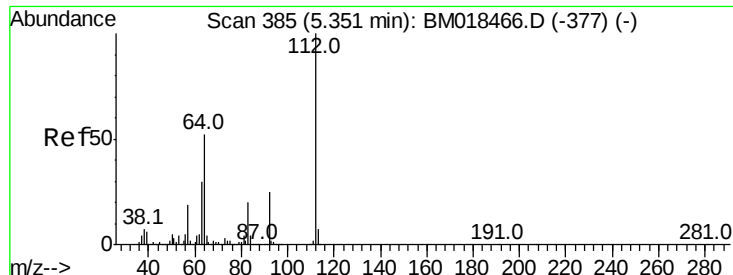
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#4
 n-Nitrosodimethylamine
 Concen: 39.953 ng
 RT: 3.57 min Scan# 83
 Delta R.T. -0.02 min
 Lab File: BM018716.D
 Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.9	88.6	132.8
44	6.0	16.9	25.3





#5

2-Fluorophenol

Concen: 80.804 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1105408

Ion Ratio Lower Upper

112 100

64 54.9 46.5 69.7

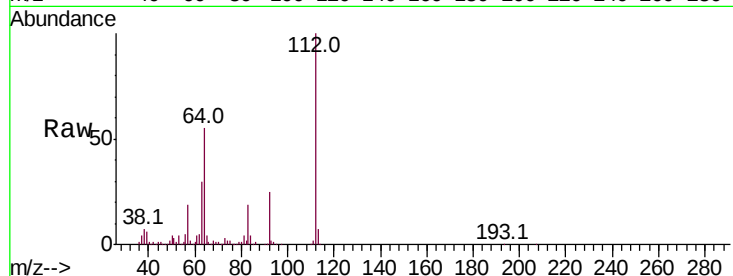
63 29.5 25.2 37.8

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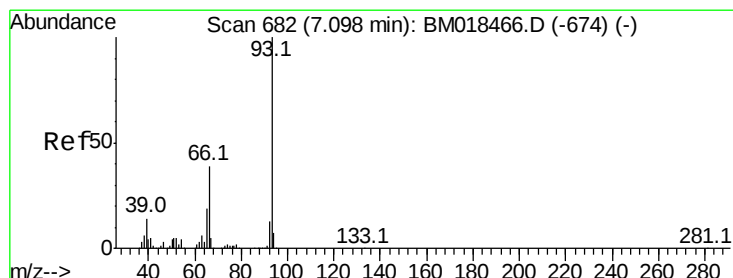
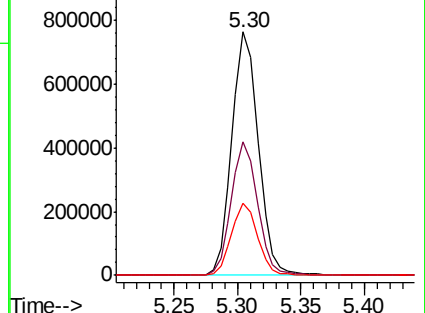
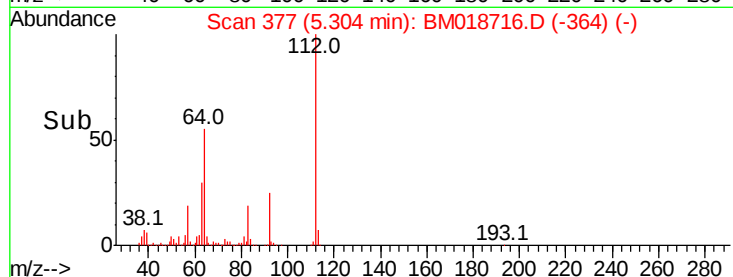
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.729 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

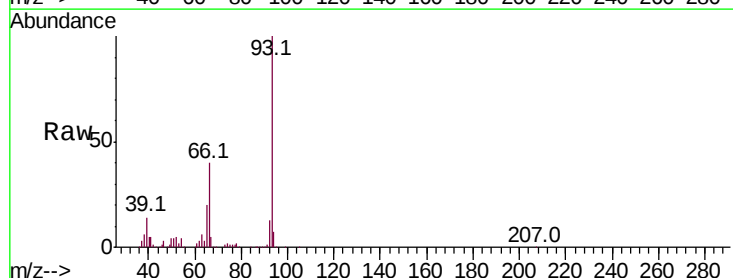
Tgt Ion: 93 Resp: 828176

Ion Ratio Lower Upper

93 100

66 39.5 31.7 47.5

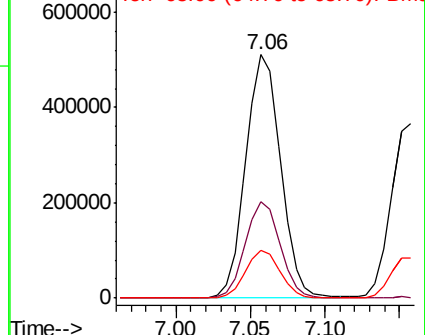
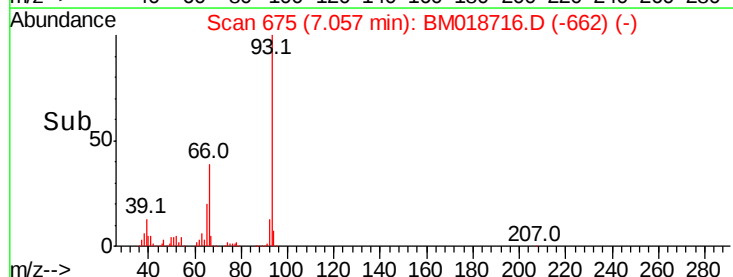
65 19.6 15.9 23.9

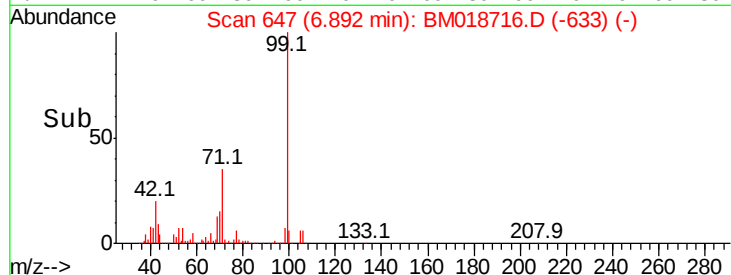
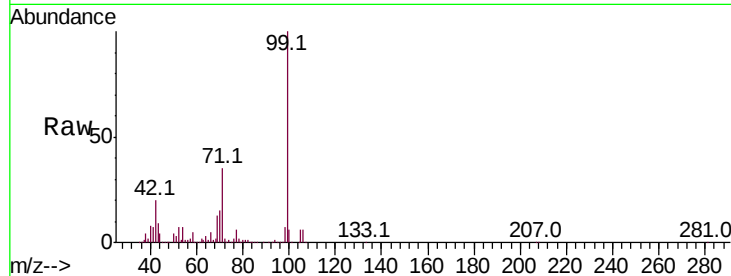
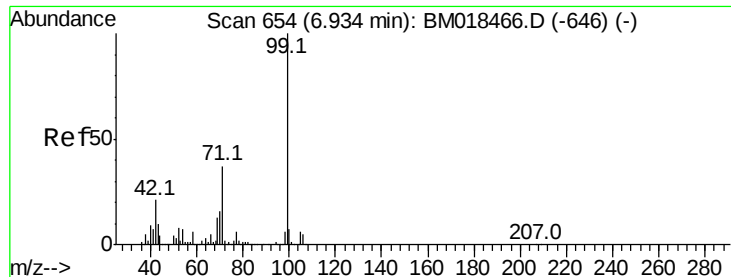


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 82.341 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tot Ion: 99 Resp: 1430709

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

71 35.0 28.0 42.0

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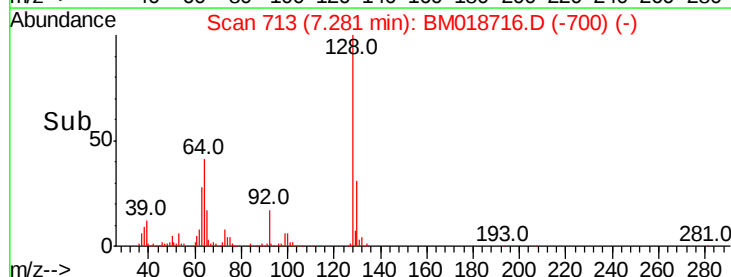
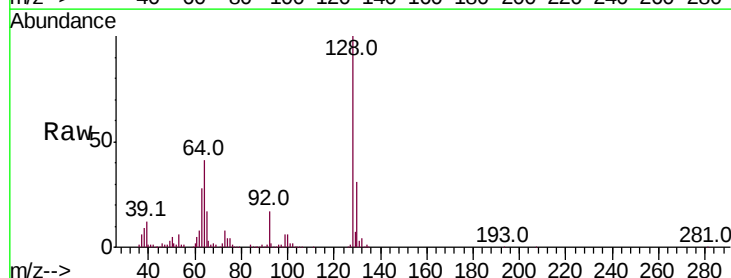
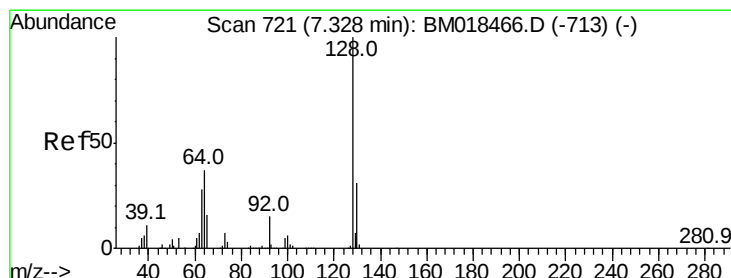
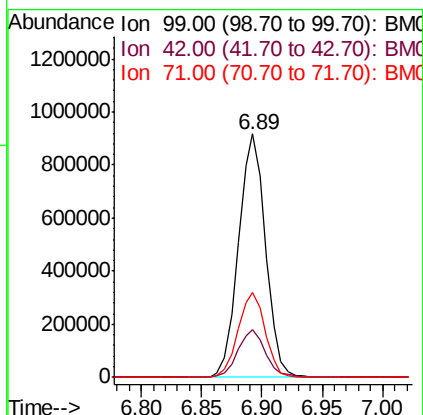
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#8

2-Chlorophenol

Concen: 40.360 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

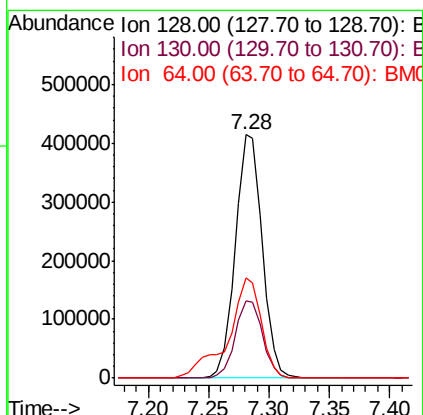
Tgt Ion: 128 Resp: 644842

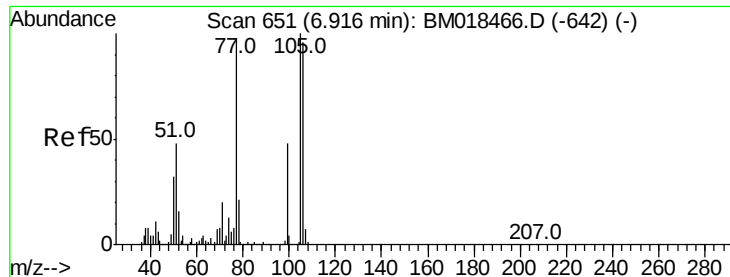
Ion Ratio Lower Upper

128 100

130 31.5 13.6 53.6

64 41.3 24.8 64.8





#9

Benzaldehyde

Concen: 33.687 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

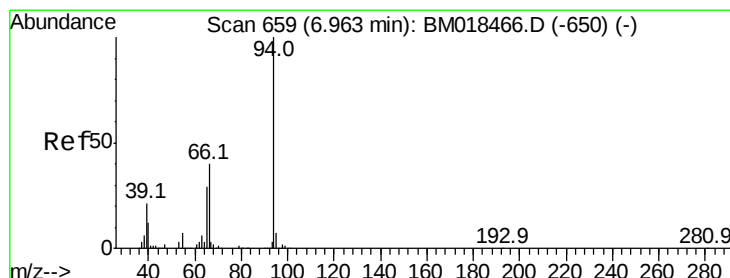
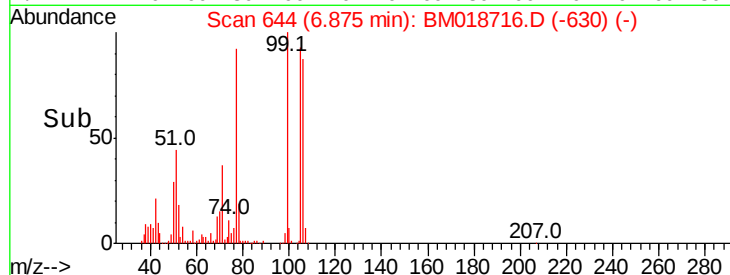
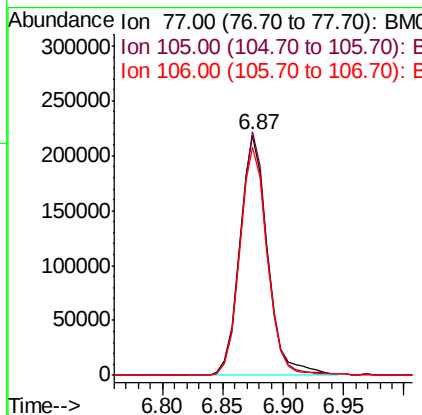
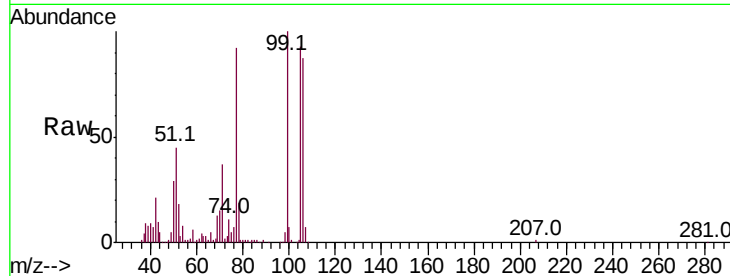
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	352175
Ion	Ratio	Lower	Upper
77	100		
105	101.3	79.7	119.7
106	94.9	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 40.384 ng

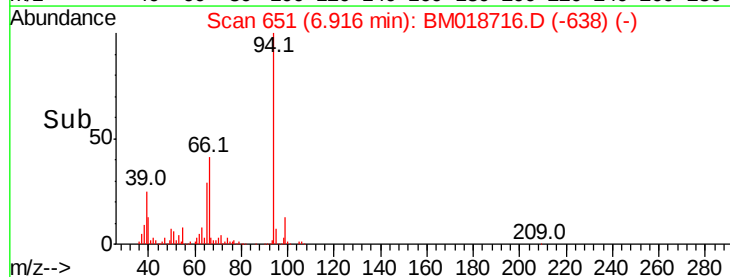
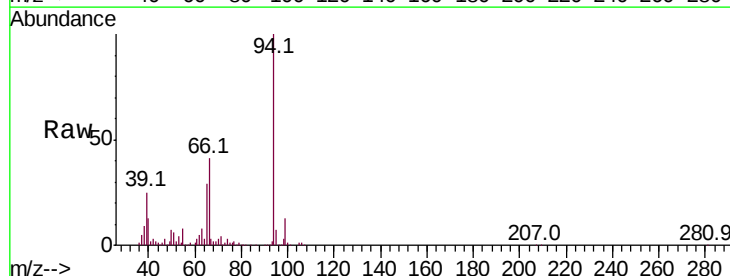
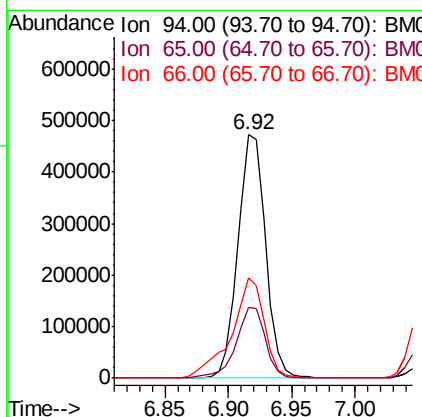
RT: 6.92 min Scan# 651

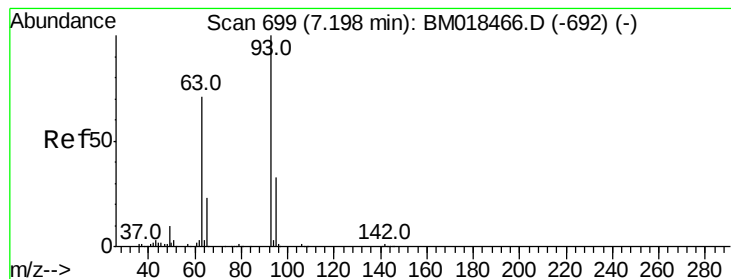
Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt Ion:	94	Resp:	713040
Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.4	49.4
66	41.0	19.1	59.1





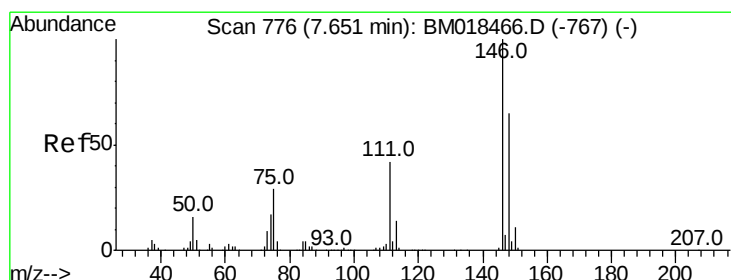
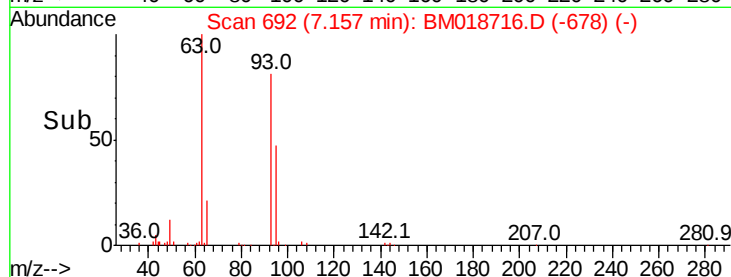
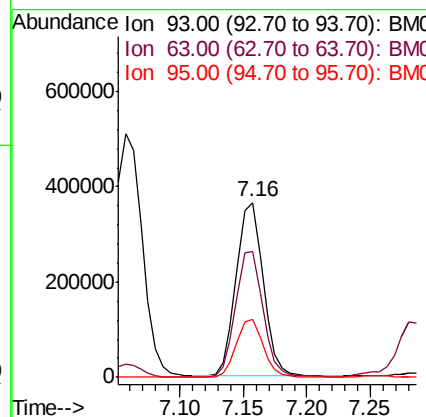
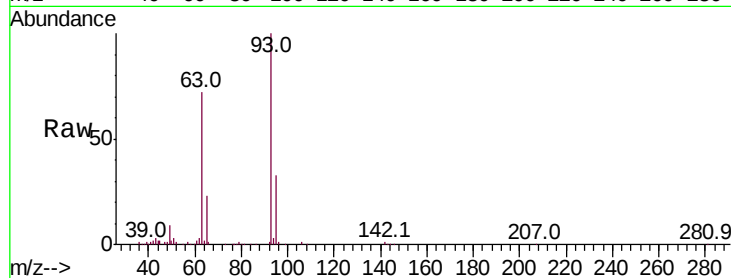
#11
bis(2-Chloroethyl)ether
Concen: 38.985 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	56.4	96.4
95	33.0	12.7	52.7

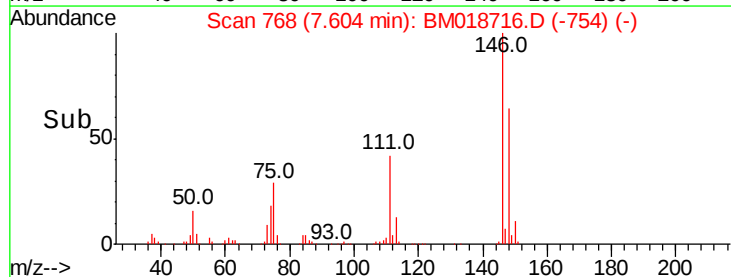
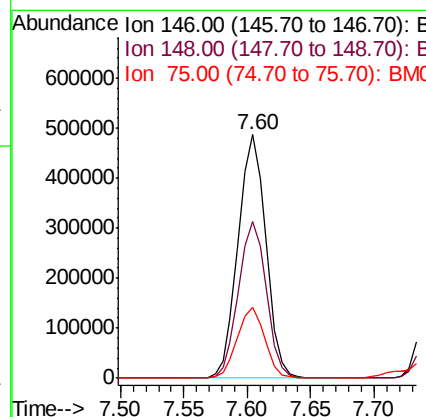
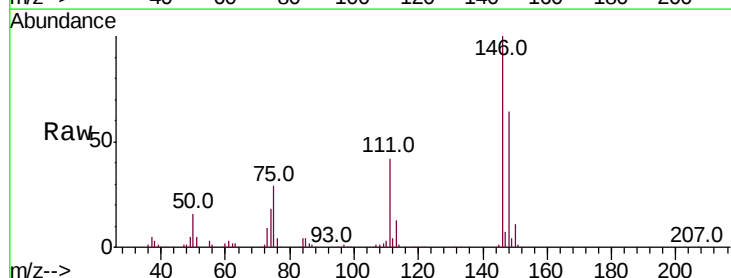
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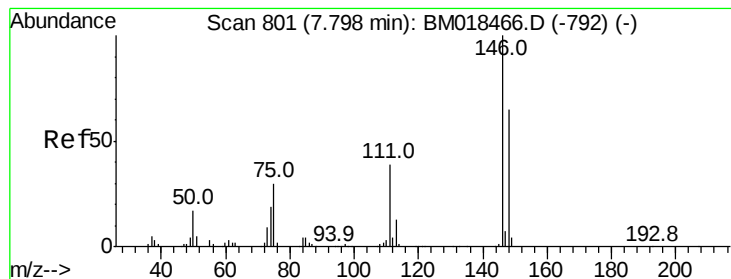
mohammad
2/5/2019 8:41:01 AM



#12
1,3-Dichlorobenzene
Concen: 38.846 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	28.9	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 38.848 ng

RT: 7.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

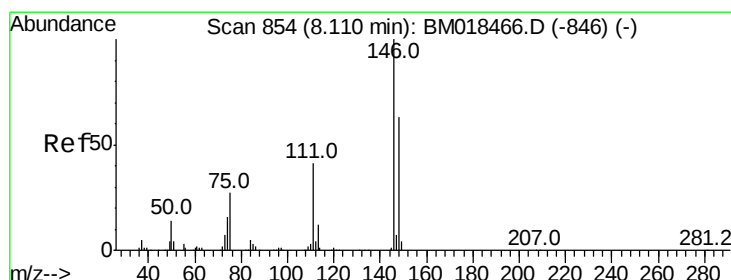
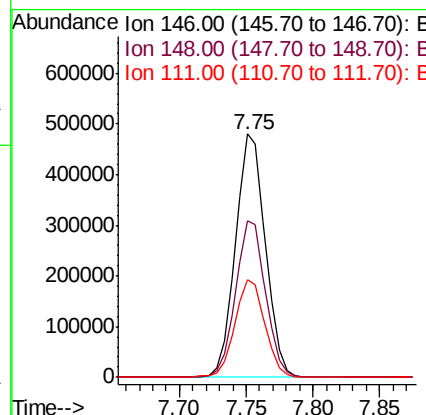
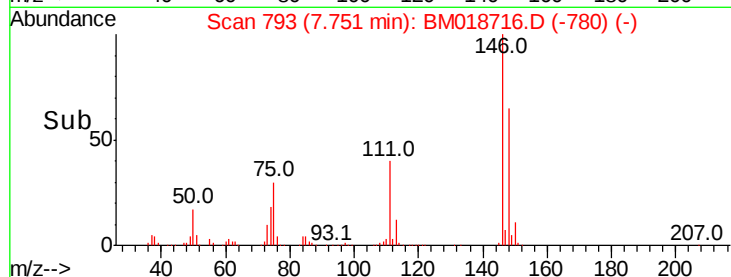
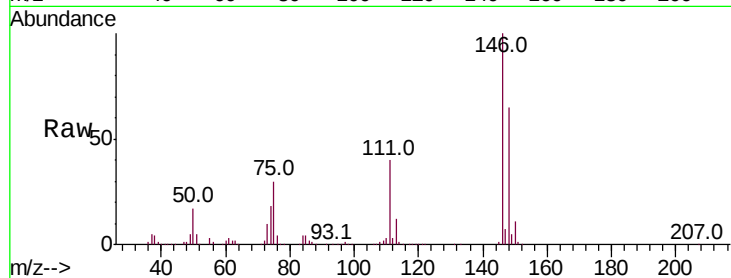
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	749202
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.8	76.2
111	40.3	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 39.200 ng

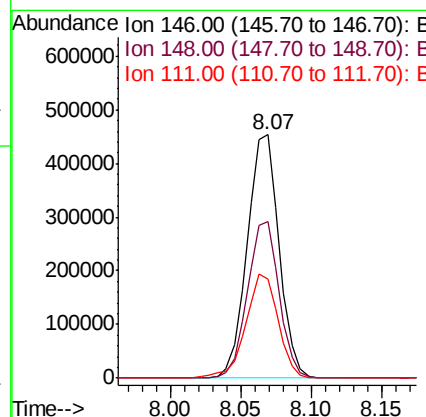
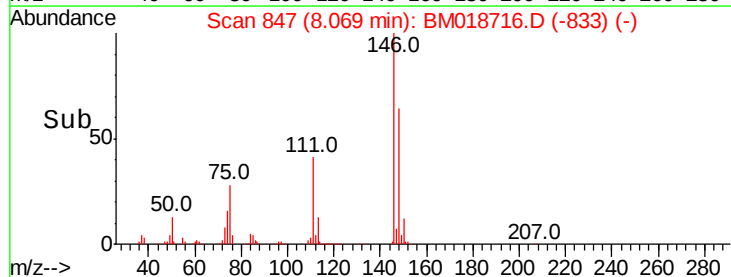
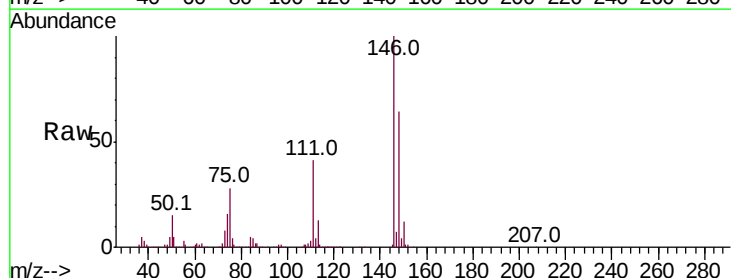
RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt Ion:	146	Resp:	716833
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
111	40.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.483 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

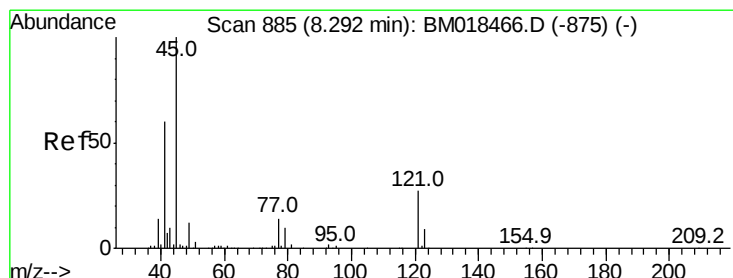
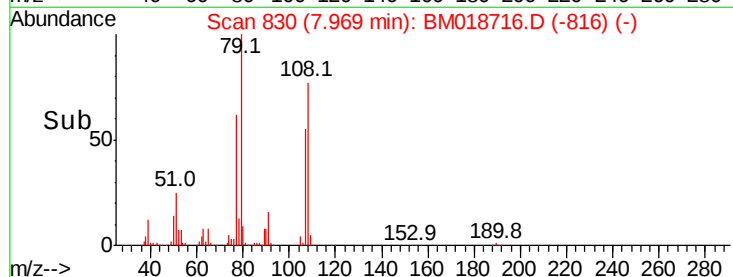
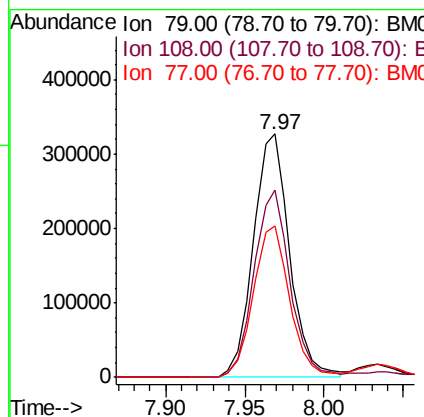
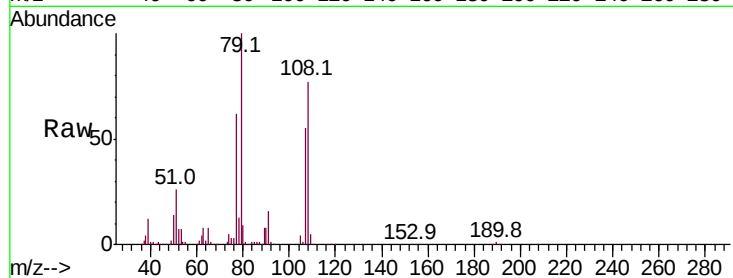
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	520600
Ion Ratio	Lower	Upper	
79	100		
108	76.9	60.4	90.6
77	62.3	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.376 ng

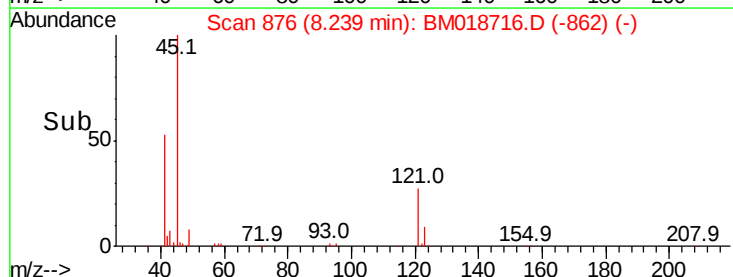
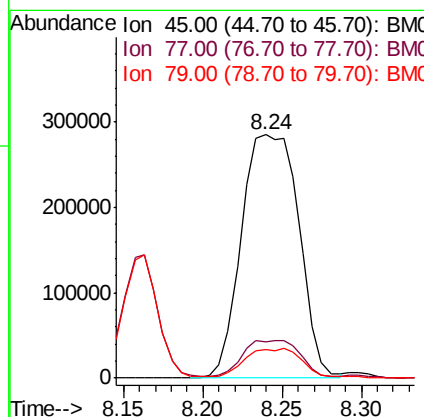
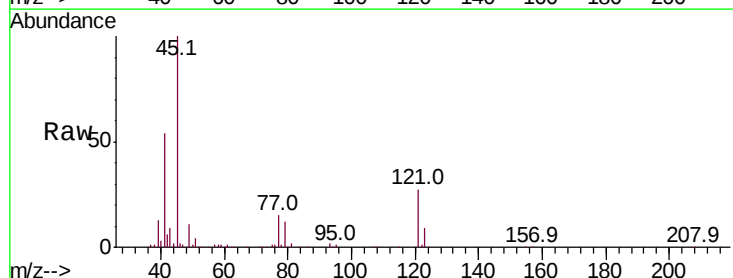
RT: 8.24 min Scan# 876

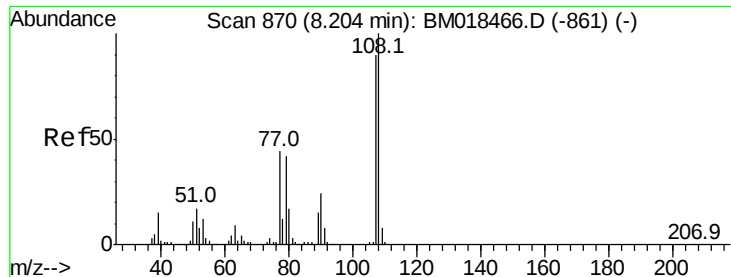
Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt Ion:	45	Resp:	715840
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.4
79	11.6	0.0	31.1





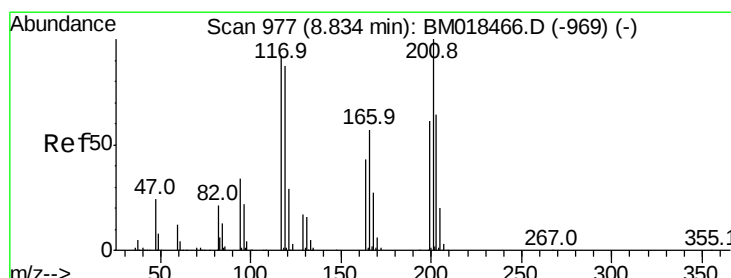
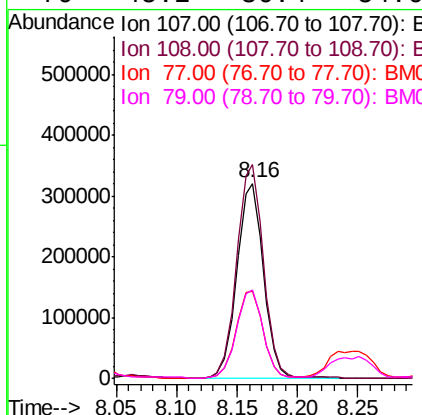
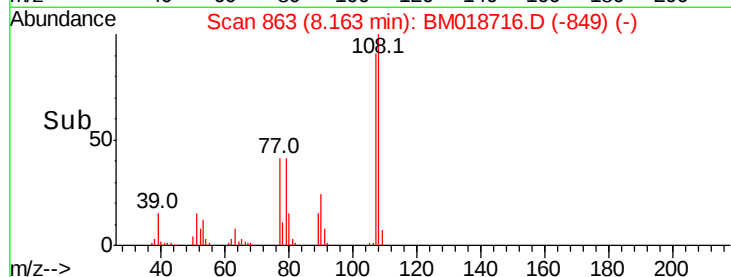
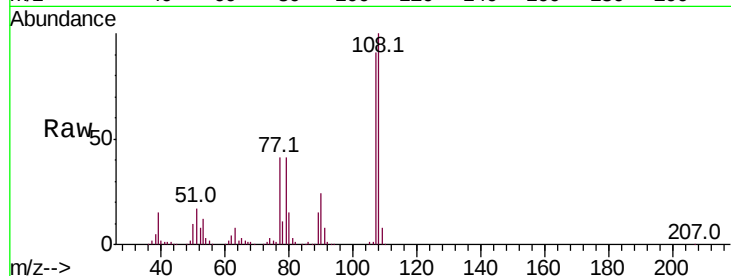
#17
2-Methylphenol
Concen: 40.942 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	87.5	131.3	
77	44.8	37.3	55.9	
79	45.2	36.4	54.6	

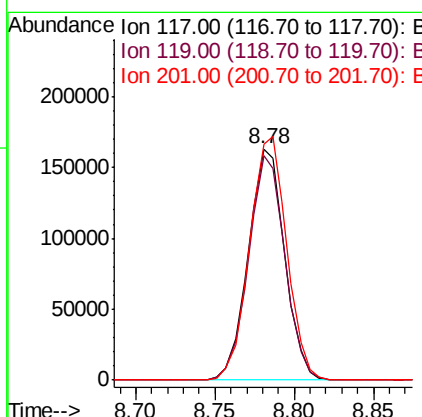
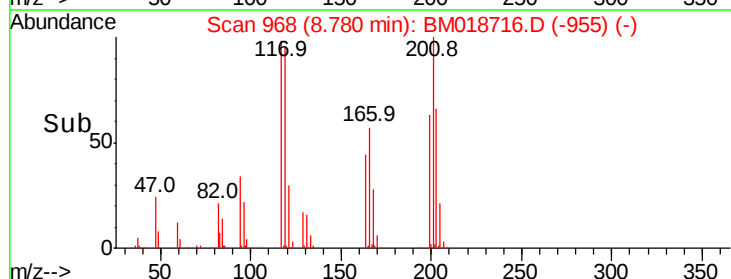
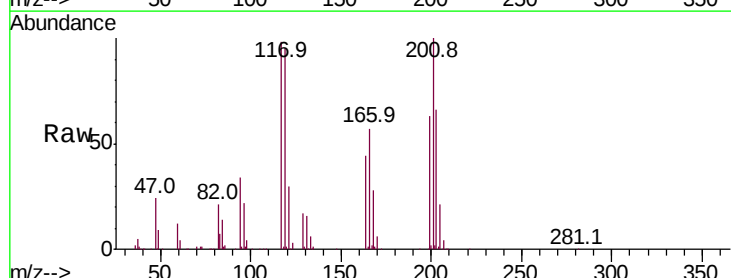
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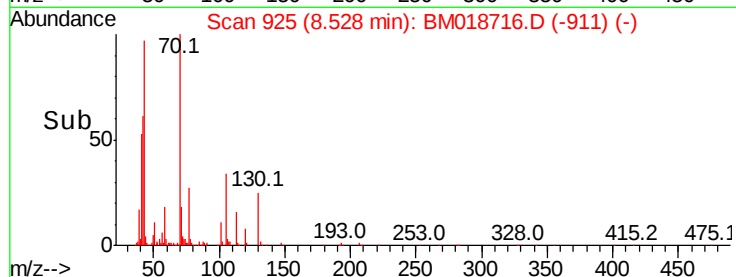
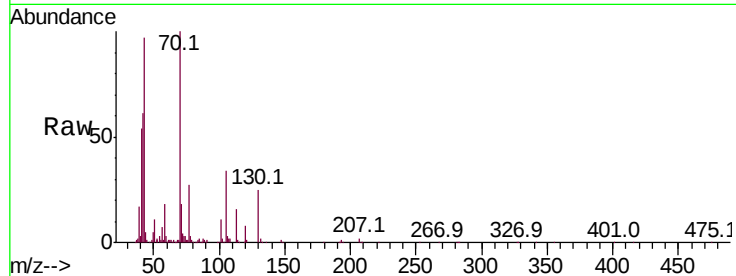
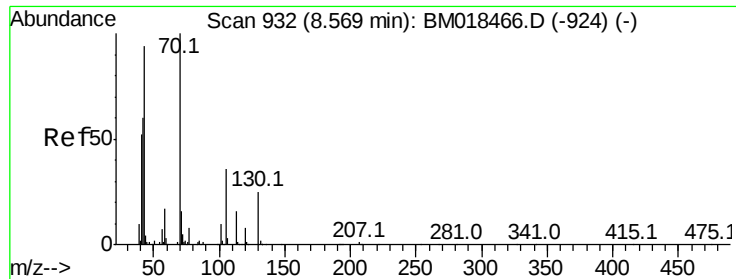
mohammad
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#18
Hexachloroethane
Concen: 37.725 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	78.3	117.5	
201	102.2	81.4	122.0	





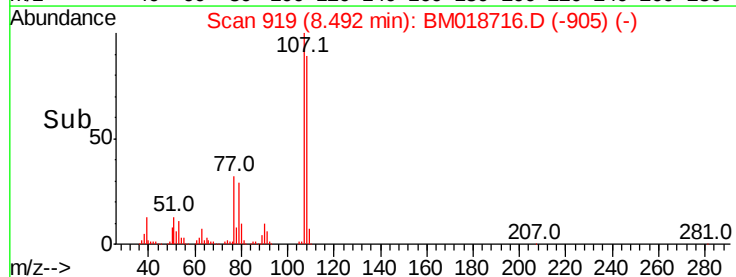
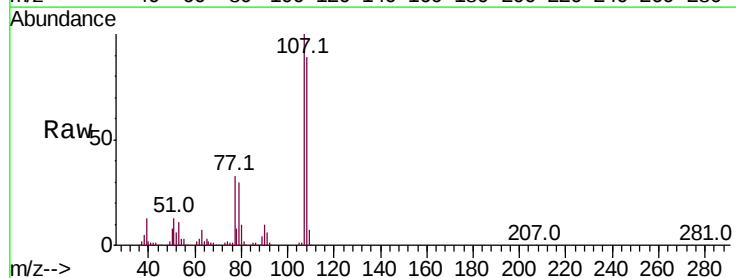
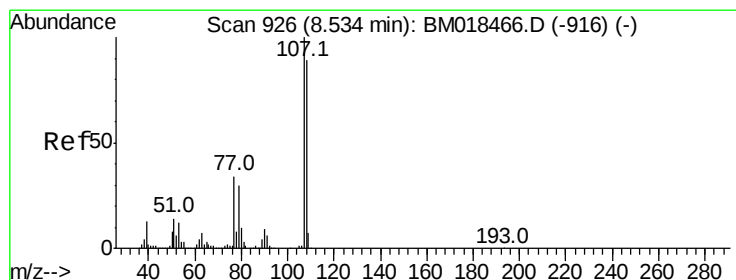
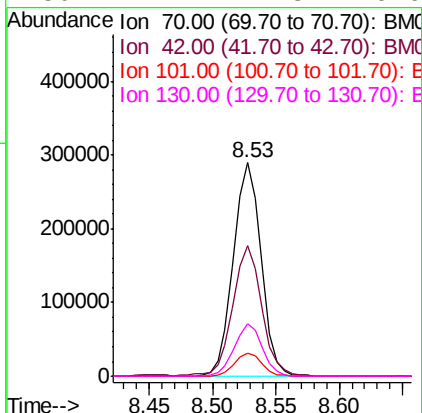
#19
n-Nitroso-di-n-propylamine
Concen: 38.779 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.9	54.0	81.0		
101	10.6	8.1	12.1		
130	24.7	17.8	26.6		

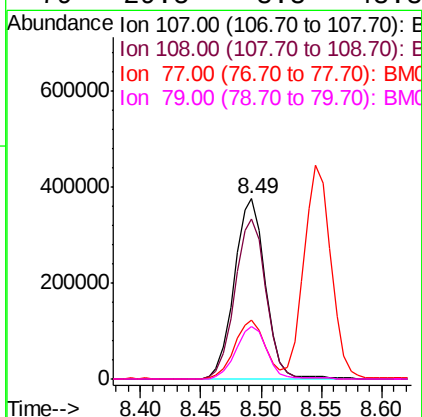
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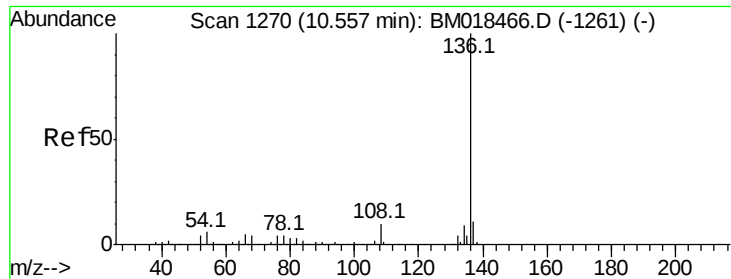
mohammad
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#20
3+4-Methylphenols
Concen: 40.662 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	66.8	106.8		
77	32.6	13.3	53.3		
79	29.5	8.8	48.8		





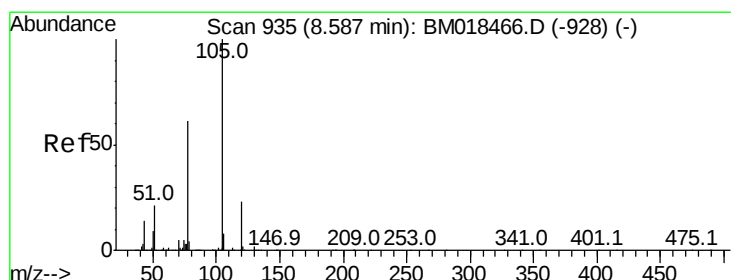
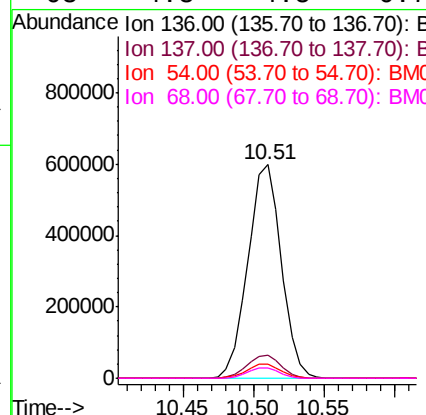
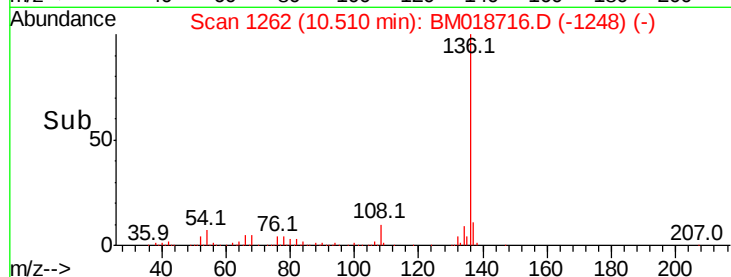
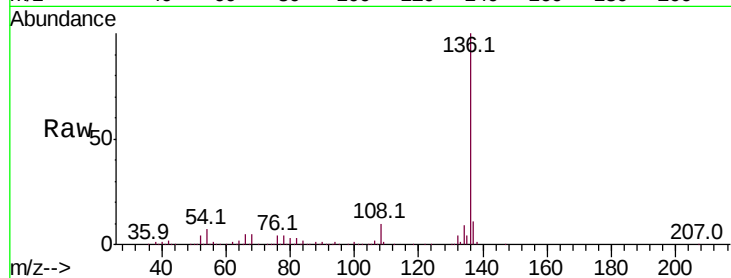
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	6.7	6.0	9.0	
68	4.8	4.5	6.7	

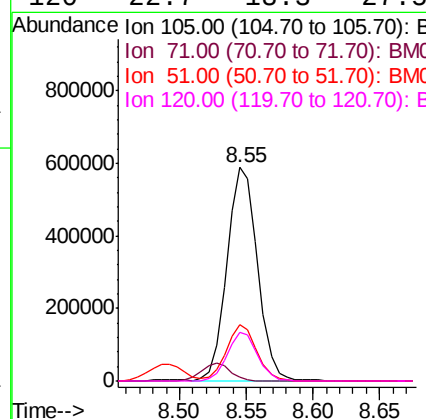
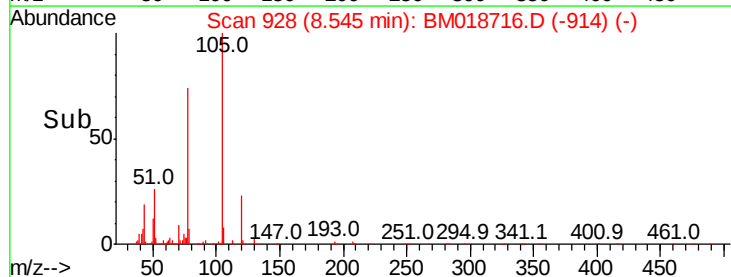
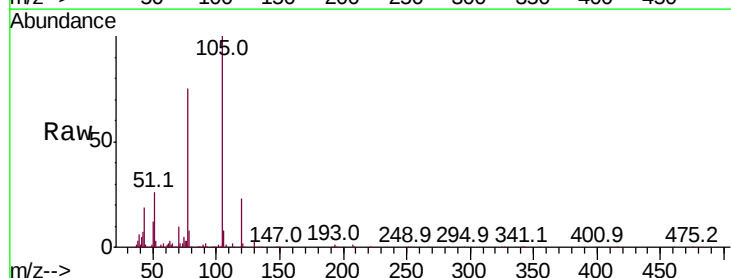
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#22
Acetophenone
Concen: 38.167 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	1.7	2.5#	
51	26.3	22.6	34.0	
120	22.7	18.3	27.5	





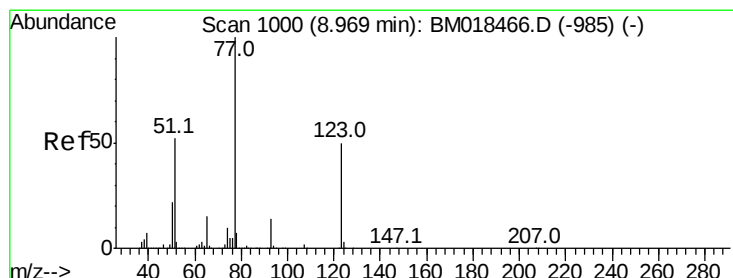
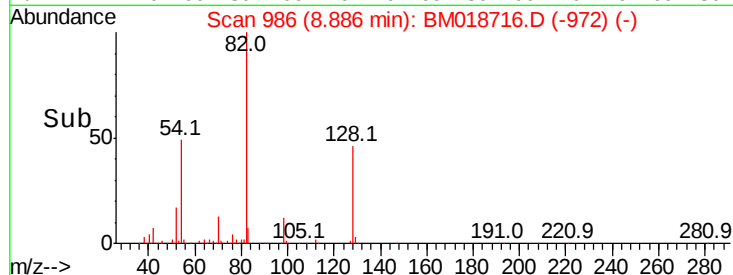
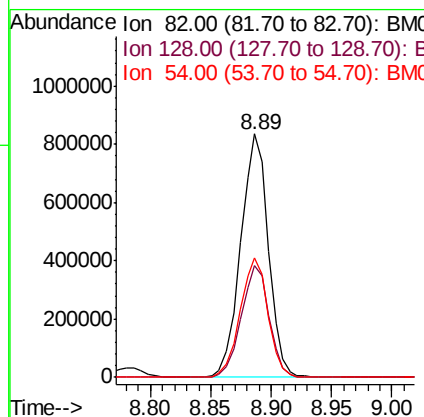
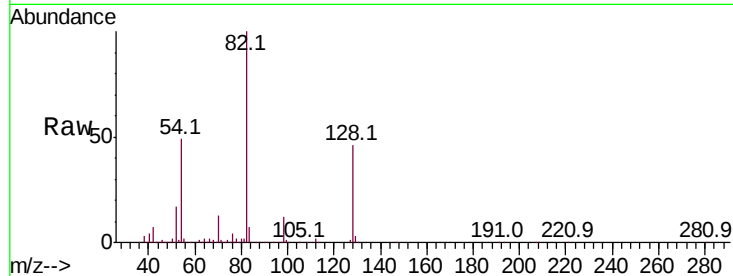
#23
Nitrobenzene-d5
Concen: 77.951 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1336893
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 49.1 41.7 62.5

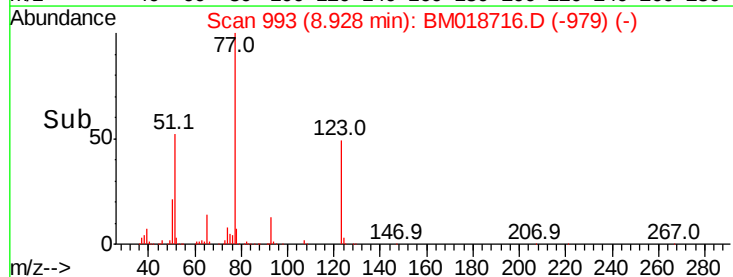
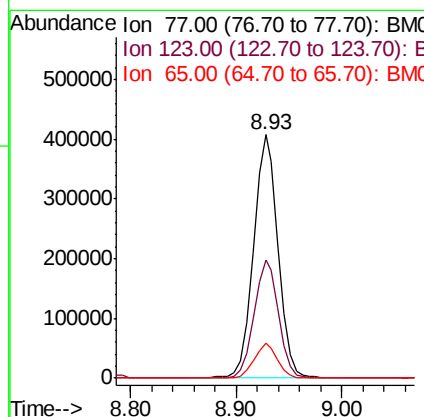
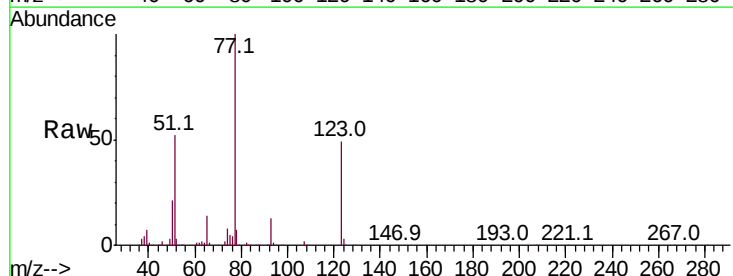
Manual Integrations
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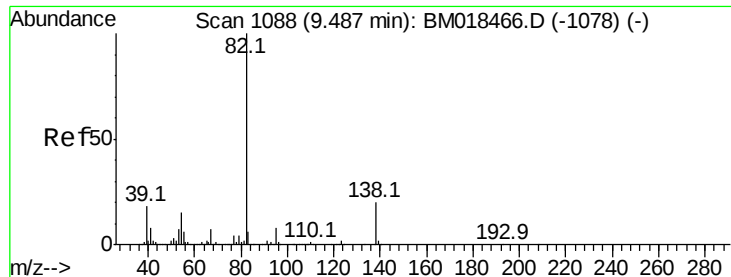
mohammad
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#24
Nitrobenzene
Concen: 39.136 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion: 77 Resp: 660409
Ion Ratio Lower Upper
77 100
123 48.5 37.7 56.5
65 14.4 11.0 16.6





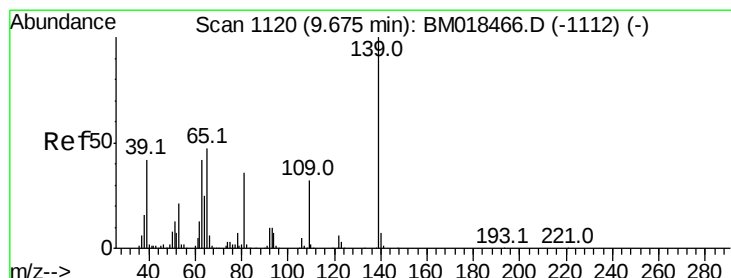
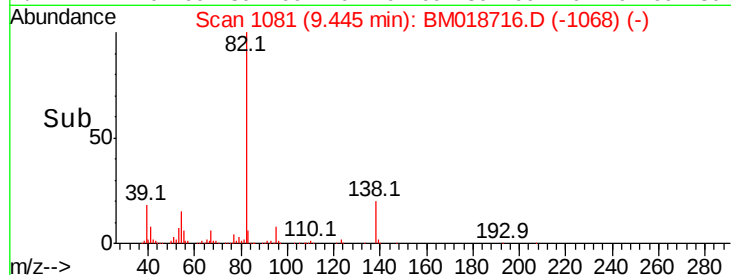
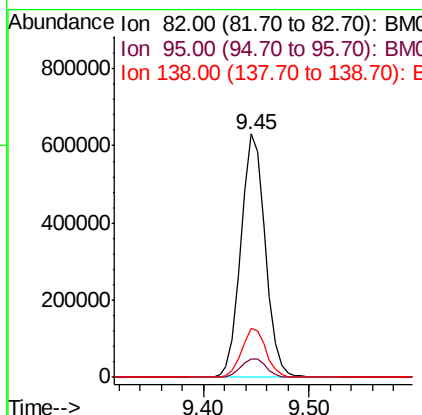
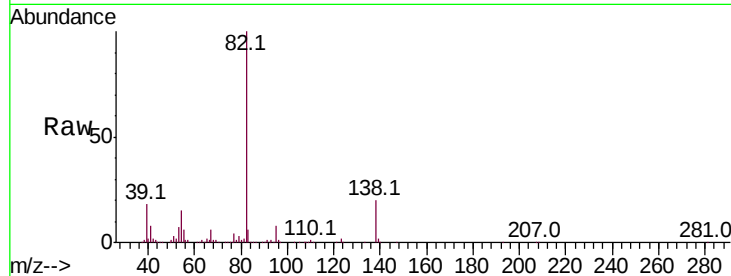
#25
Isophorone
Concen: 38.716 ng
RT: 9.45 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1005479
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	20.0	15.1	22.7

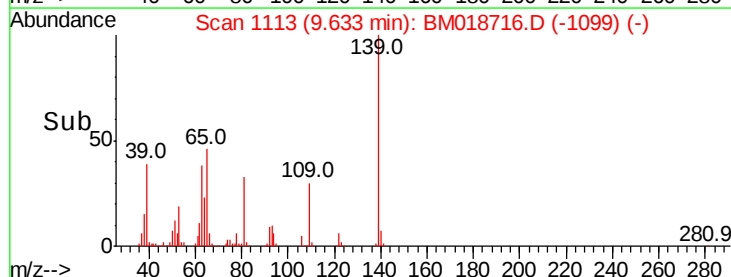
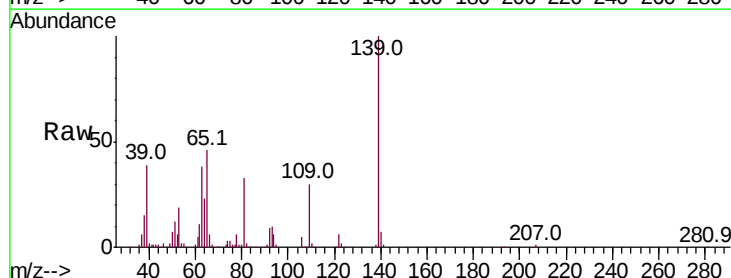
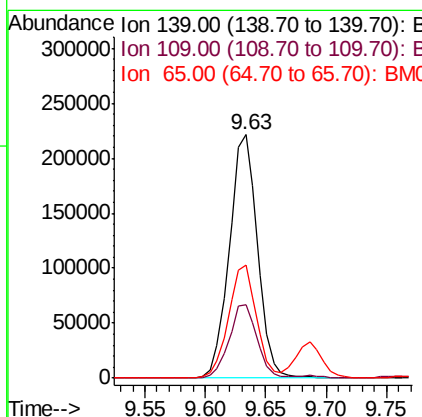
Manual Integrations
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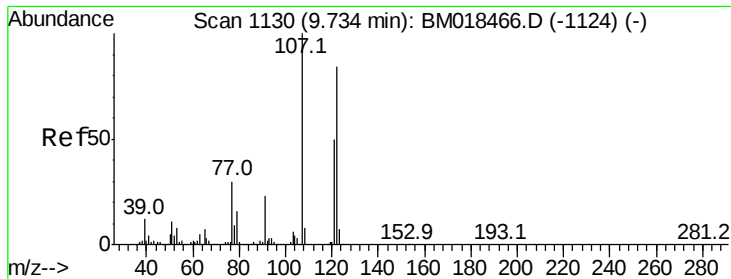
mohammad
2/5/2019 8:41:01 AM



#26
2-Nitrophenol
Concen: 44.173 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	139	Resp	360435
Ion	Ratio	Lower	Upper
139	100		
109	30.1	23.4	35.2
65	46.5	39.4	59.2





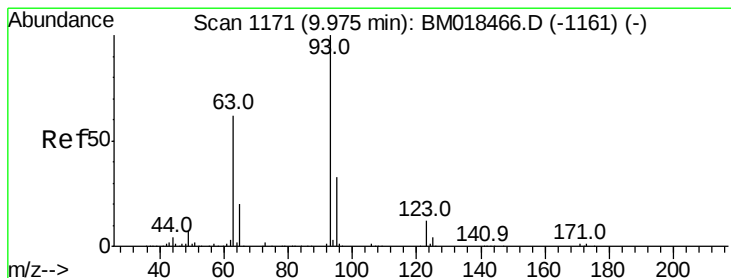
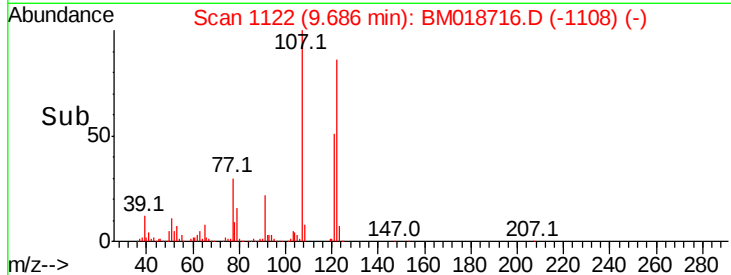
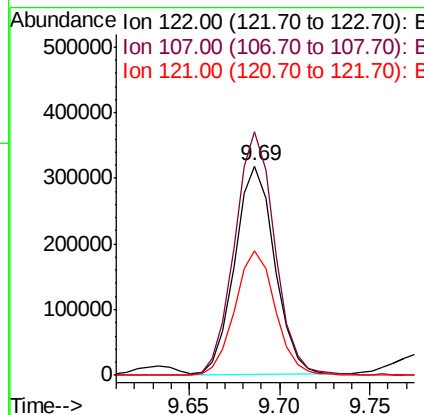
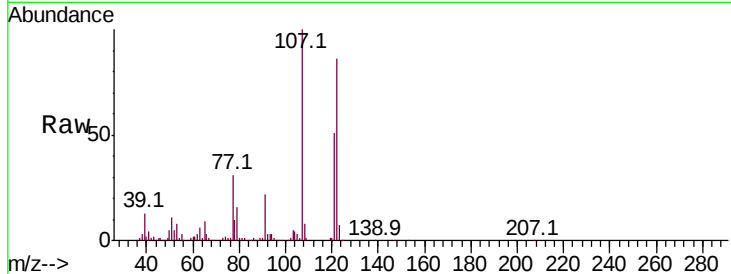
#27
2,4-Dimethylphenol
Concen: 39.616 ng
RT: 9.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	484508		
107	116.2	91.9	137.9	
121	59.8	47.5	71.3	

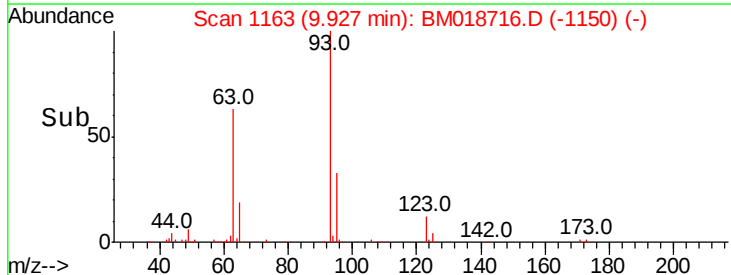
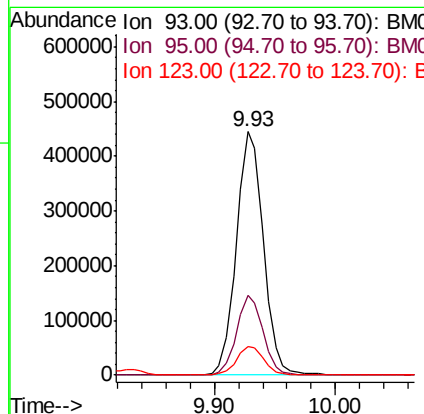
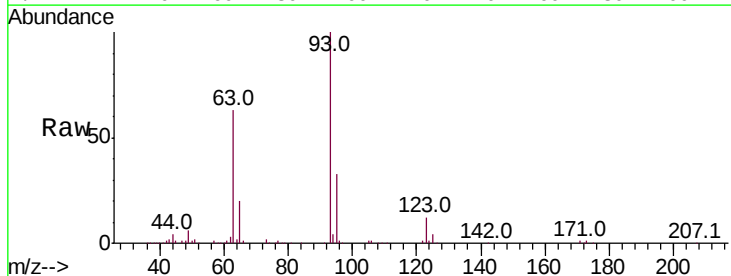
Manual Integrations
APPROVED

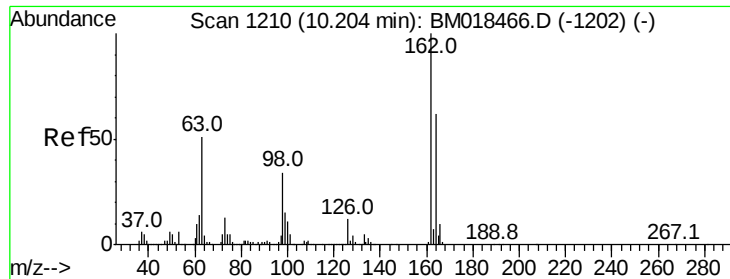
mohammad
2/5/2019 8:41:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.775 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	695657		
95	32.8	26.6	39.8	
123	11.9	9.9	14.9	





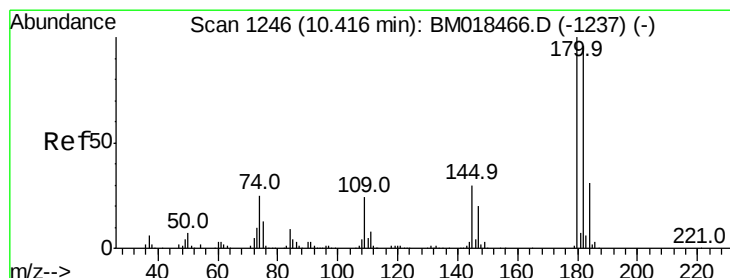
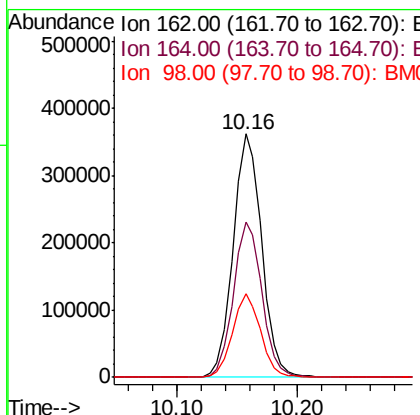
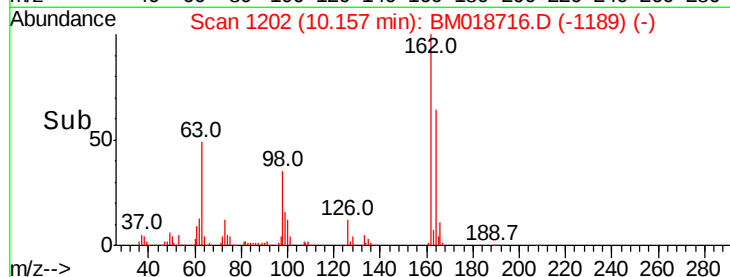
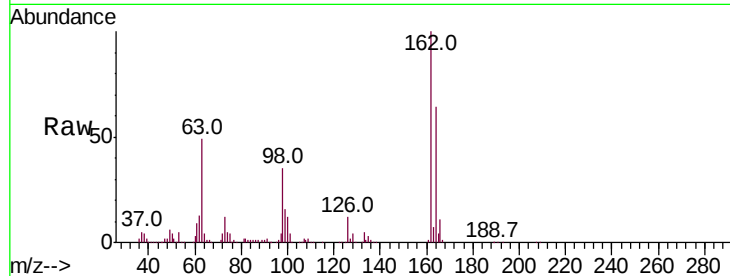
#29
 2,4-Dichlorophenol
 Concen: 41.041 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BM018716.D
 Acq: 04 Feb 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:	162	Resp:	597688
Ion Ratio	Lower	Upper	
162	100		
164	63.8	45.6	85.6
98	34.6	14.7	54.7

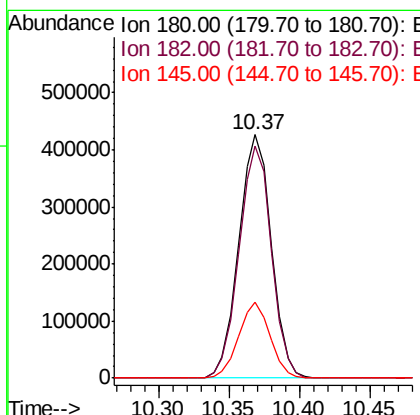
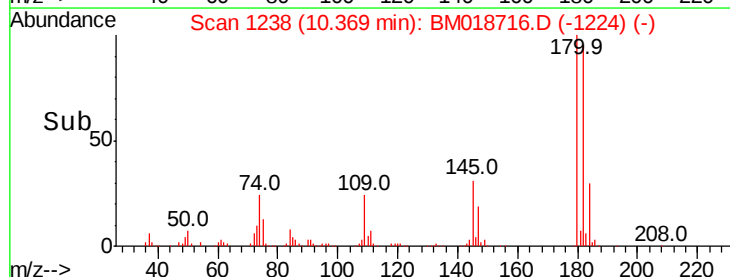
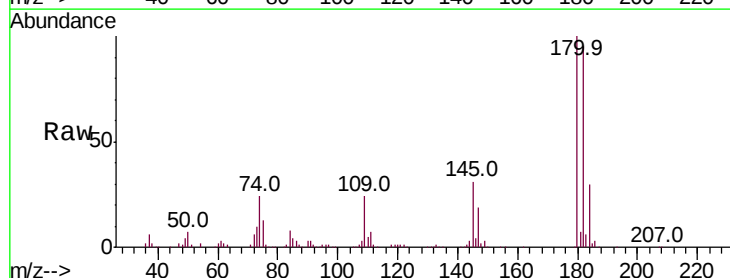
Manual Integrations
 APPROVED

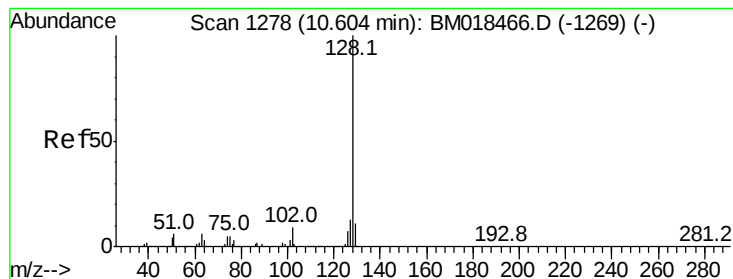
mohammad
 2/5/2019 8:41:01 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.981 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BM018716.D
 Acq: 04 Feb 2019 13:35

Tgt Ion:	180	Resp:	686547
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.4	116.2
145	31.1	24.6	37.0





#31

Naphthalene

Concen: 38.767 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1856238

Ion Ratio Lower Upper

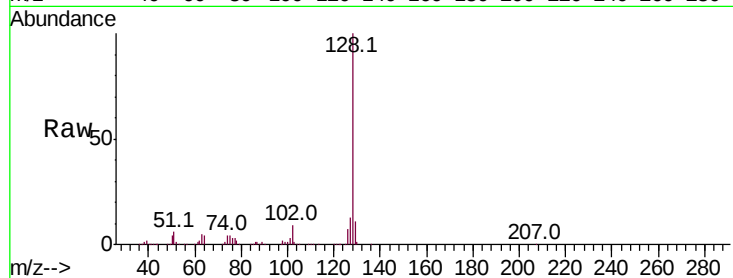
128 100

129 11.2 8.7 13.1

127 13.3 10.8 16.2

Manual Integrations
APPROVED

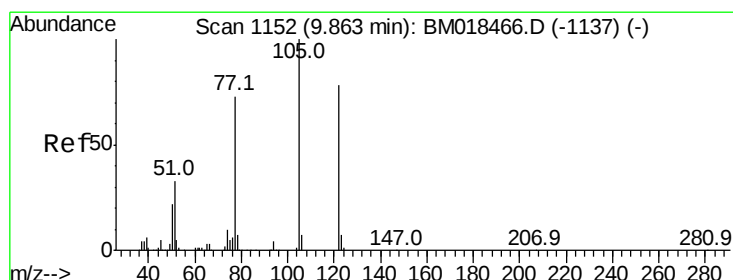
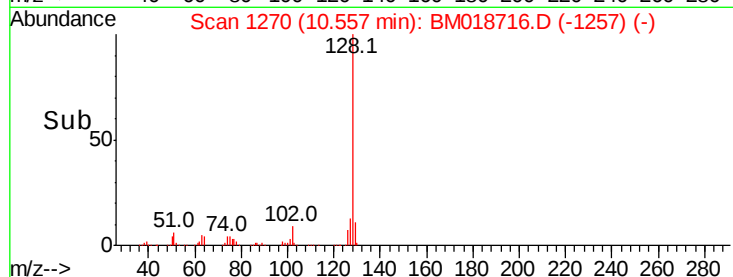
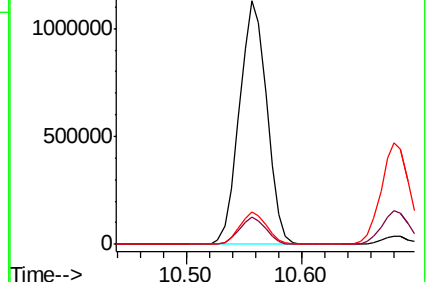
mohammad
2/5/2019 8:41:01 AM



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: 46.844 ng m

RT: 9.83 min Scan# 1147

Delta R.T. -0.04 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

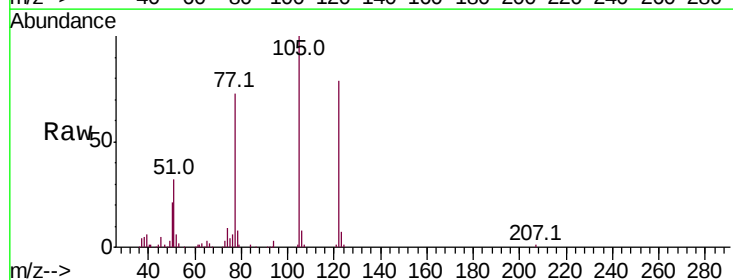
Tgt Ion:122 Resp: 384245

Ion Ratio Lower Upper

122 100

105 126.7 100.4 140.4

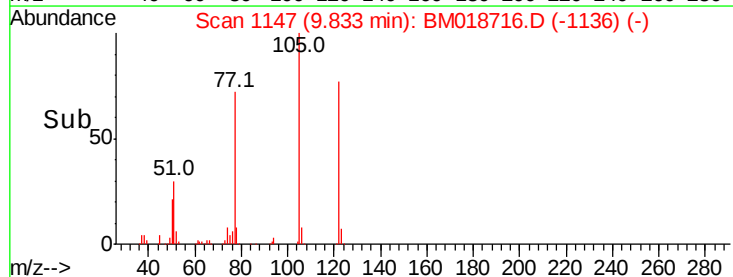
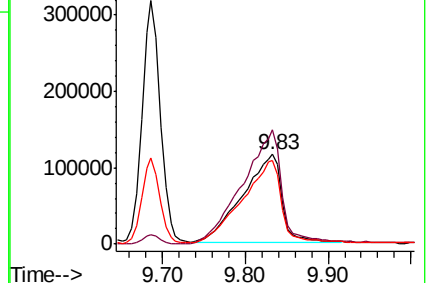
77 92.9 71.7 111.7

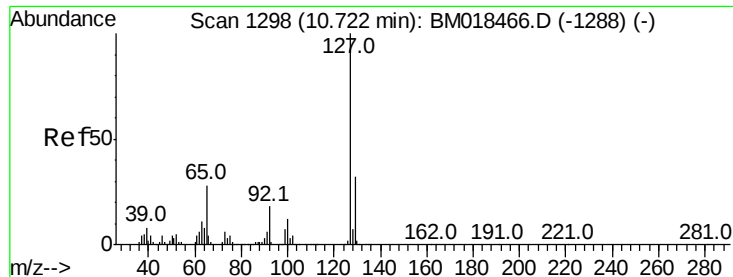


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





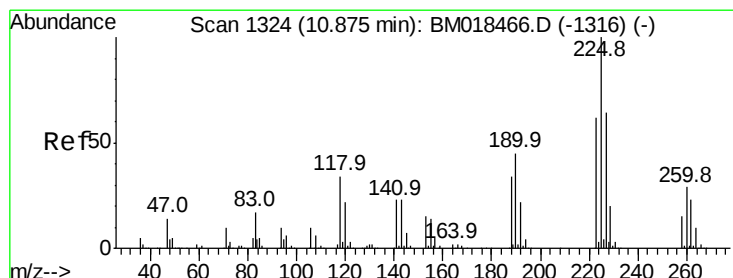
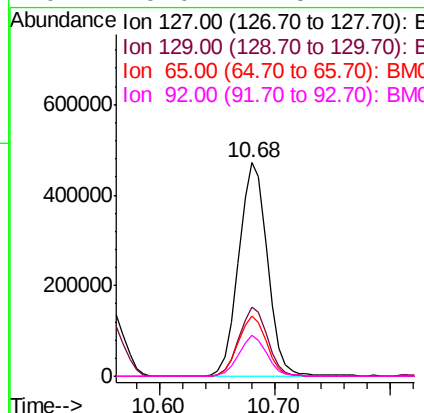
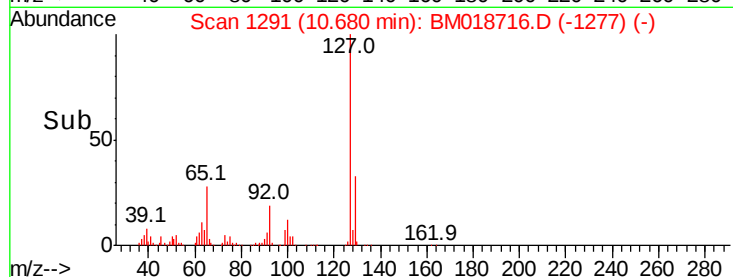
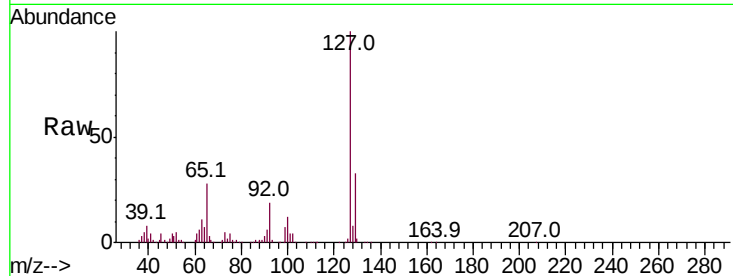
#33
4-Chloroaniline
Concen: 43.146 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	28.4	23.4	35.2	
92	19.0	14.5	21.7	

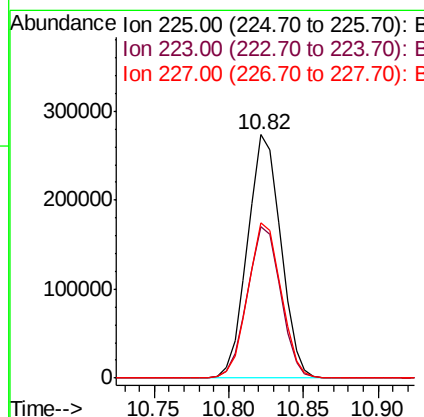
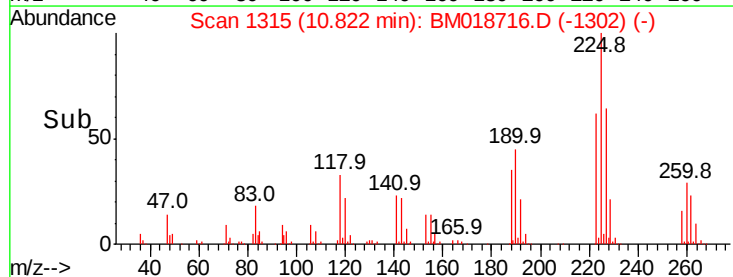
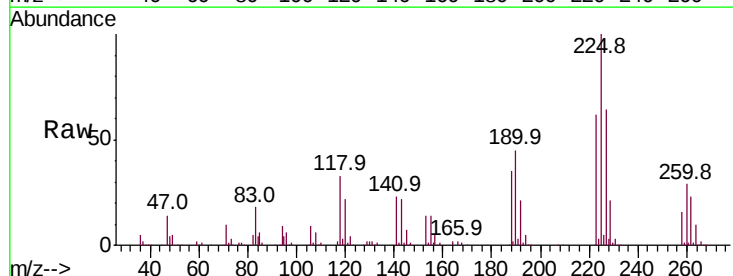
Manual Integrations
APPROVED

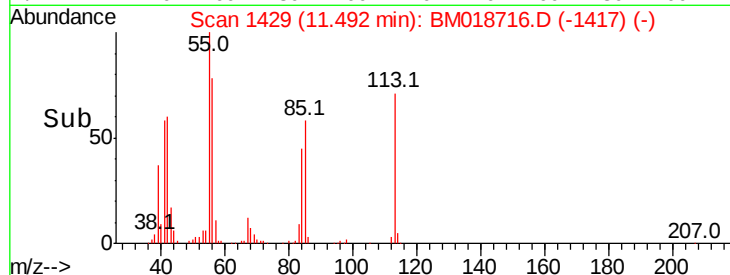
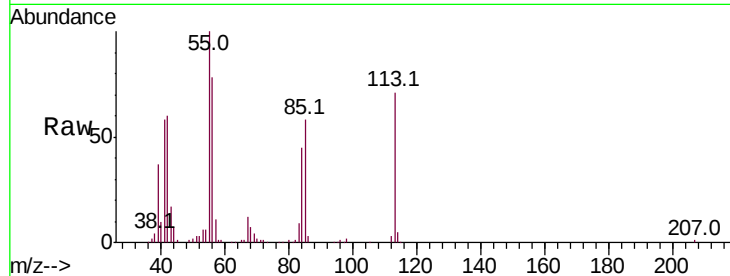
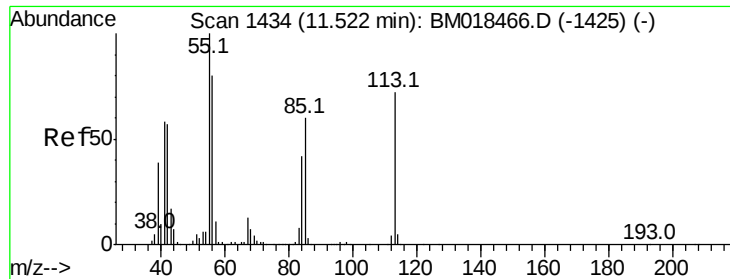
mohammad
2/5/2019 8:41:01 AM



#34
Hexachlorobutadiene
Concen: 37.042 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.8	76.2	
227	64.0	50.4	75.6	





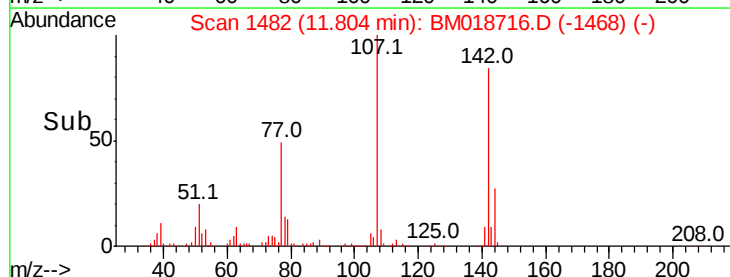
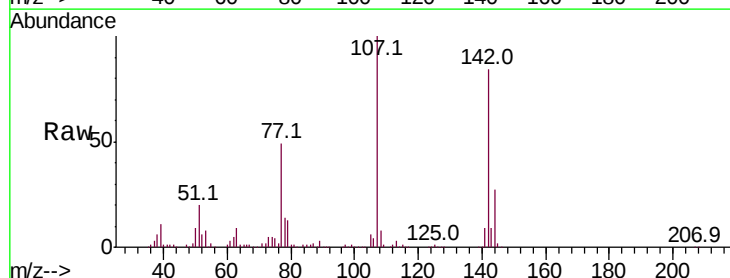
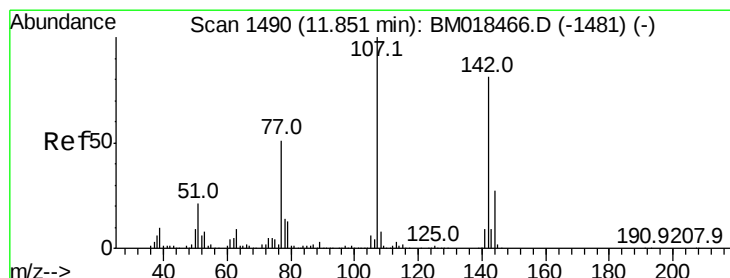
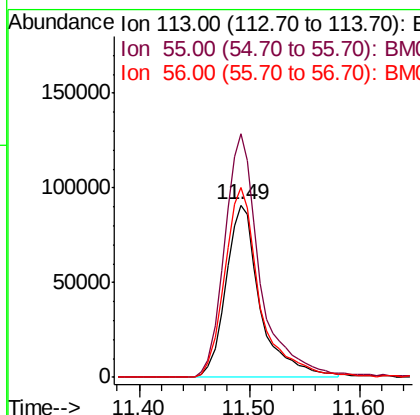
#35
Caprolactam
Concen: 40.087 ng
RT: 11.49 min Scan# 1429
Delta R.T. -0.03 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	141.4	139.3	179.3	
56	110.2	101.4	141.4	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

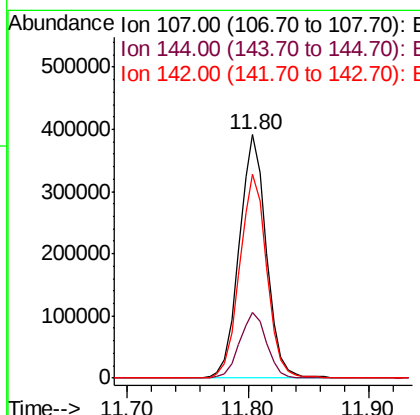
Manual Integrations
APPROVED

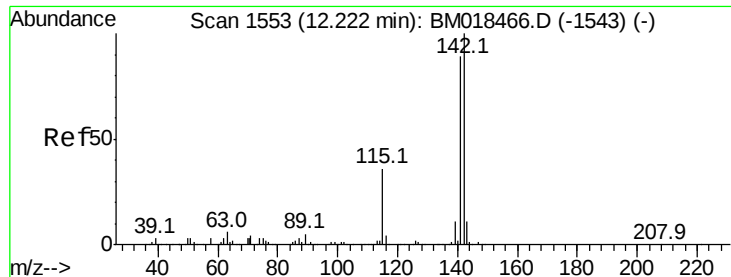
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.083 ng
RT: 11.80 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.2	21.9	32.9	
142	83.9	67.9	101.9	





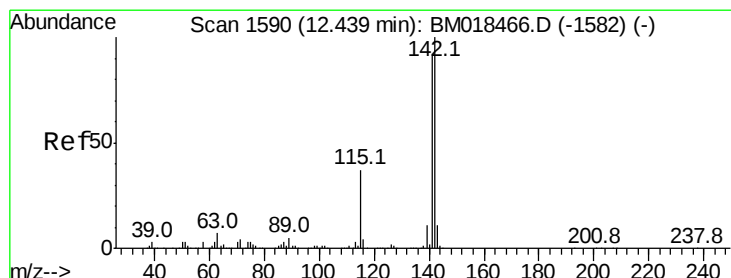
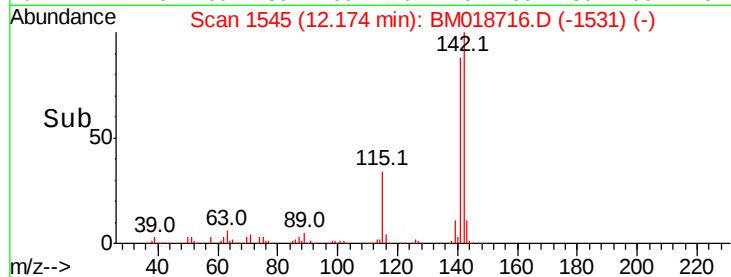
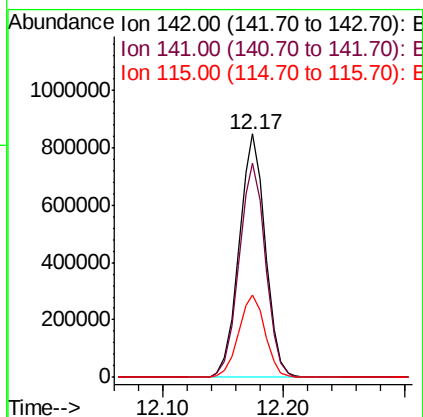
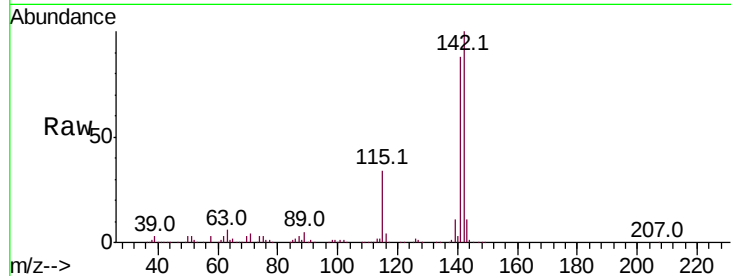
#37
2-Methylnaphthalene
Concen: 37.846 ng
RT: 12.17 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	34.0	28.0	42.0

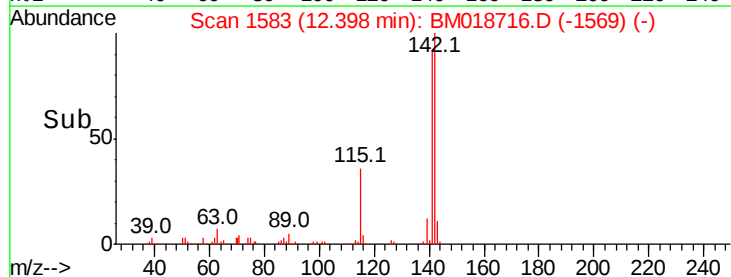
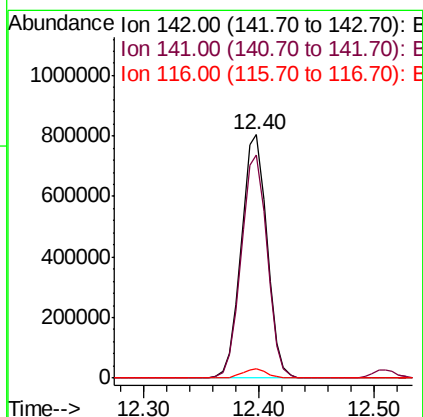
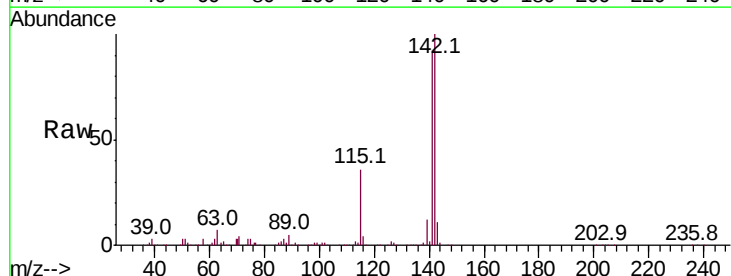
Manual Integrations
APPROVED

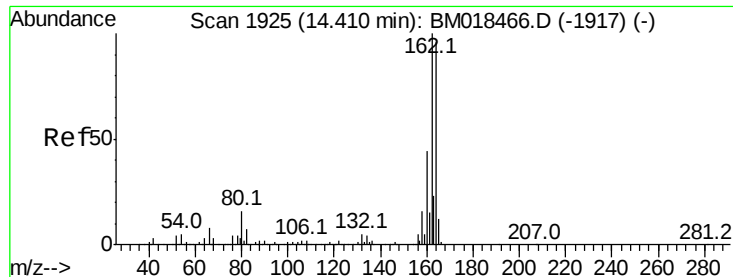
mohammad
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#38
1-Methylnaphthalene
Concen: 37.951 ng
RT: 12.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

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





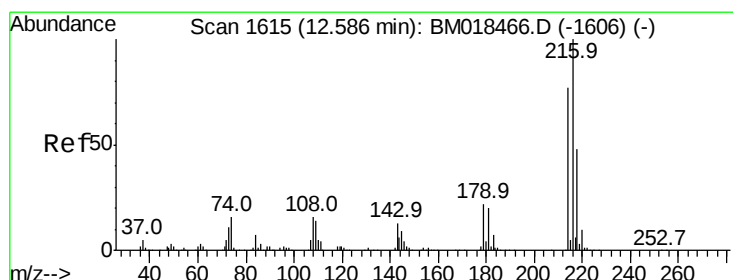
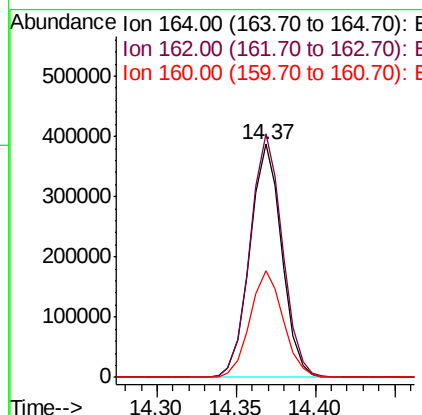
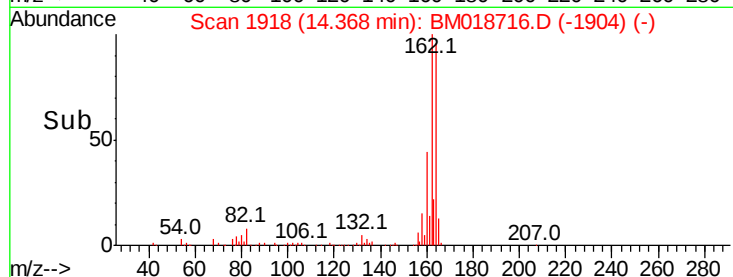
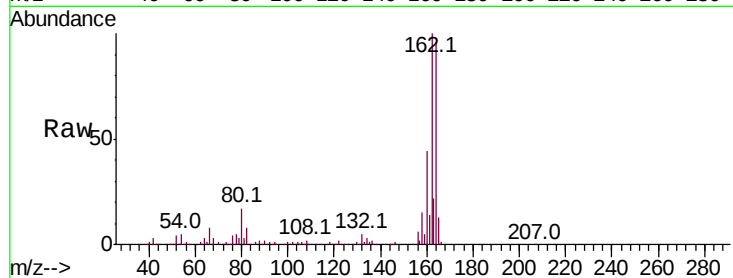
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.4
160	45.9	37.1	55.7

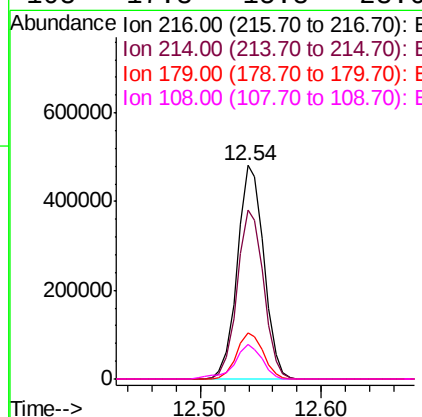
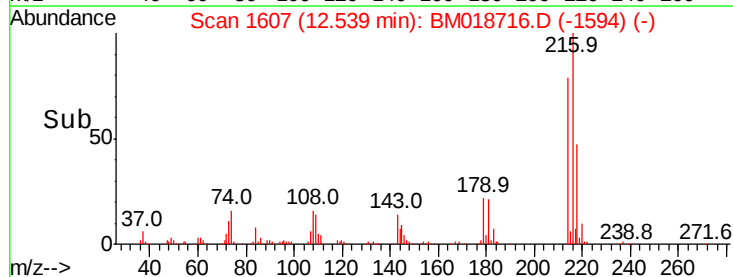
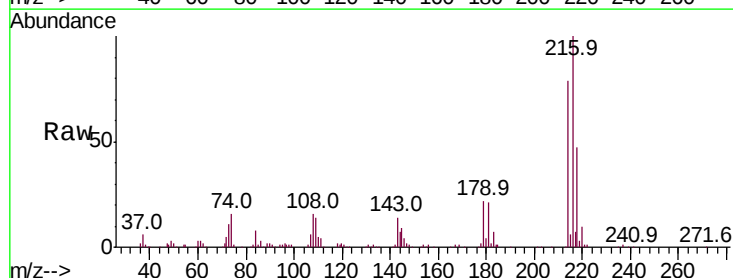
Manual Integrations
APPROVED

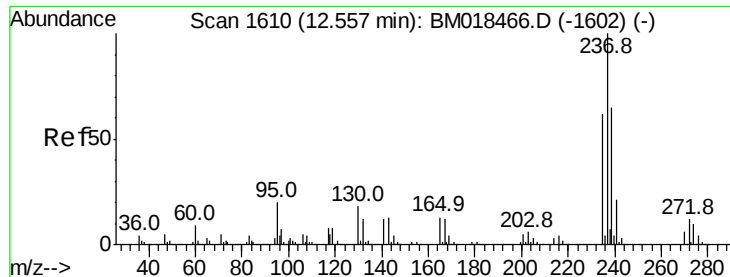
mohammad
2/5/2019 8:41:01 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.902 ng
RT: 12.54 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	21.5	17.9	26.9
108	17.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 32.582 ng

RT: 12.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

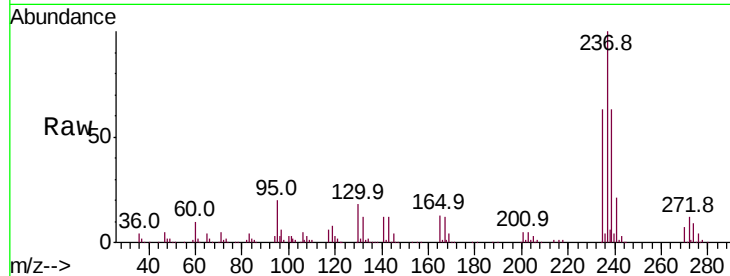
ClientSampleId :

SSTDCCC040

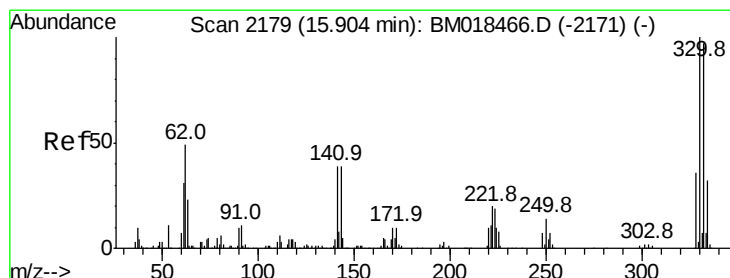
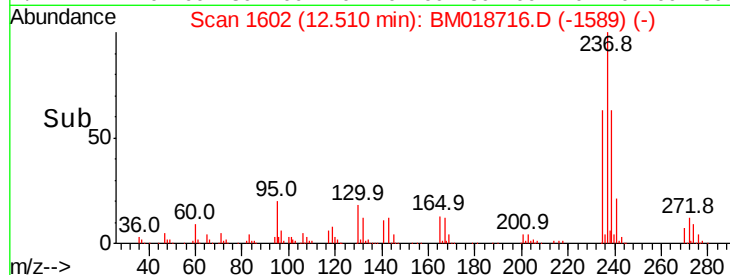
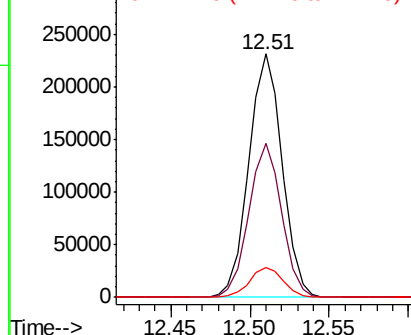
Tot Ion:	237	Resp:	338343
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.8	82.8
272	12.3	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 82.664 ng

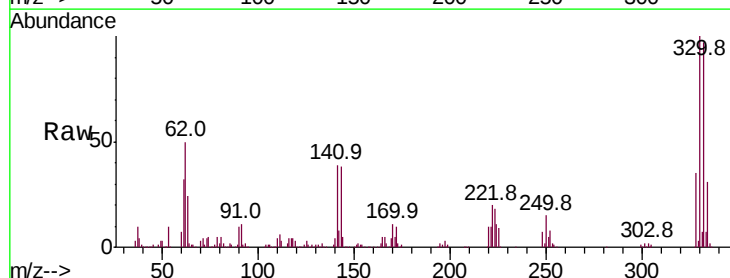
RT: 15.86 min Scan# 2172

Delta R.T. -0.02 min

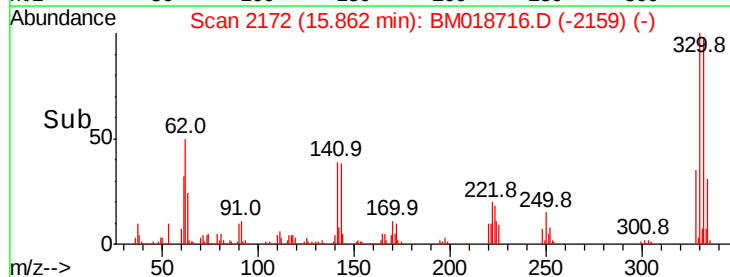
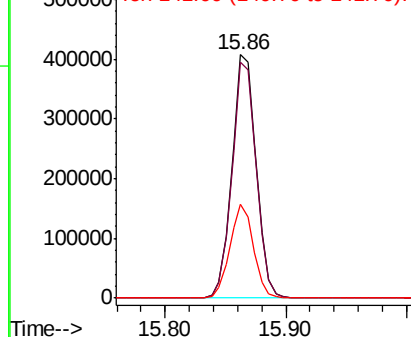
Lab File: BM018716.D

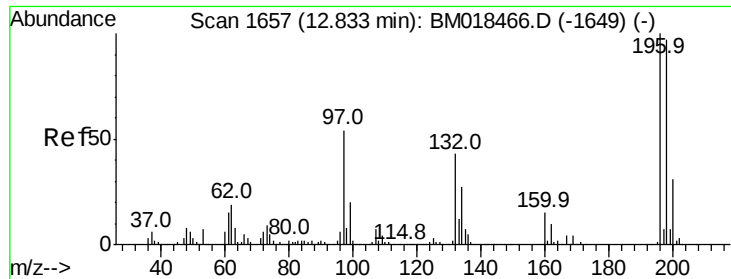
Acq: 04 Feb 2019 13:35

Tgt Ion:	330	Resp:	569496
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.6	116.4
141	37.4	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





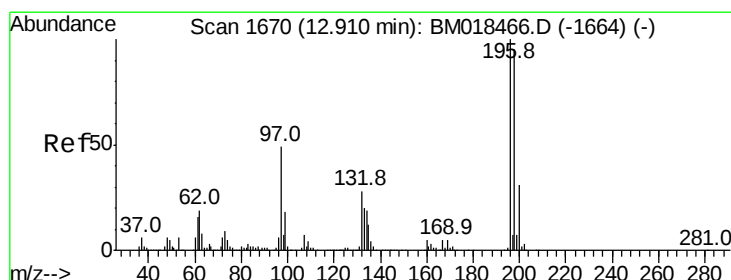
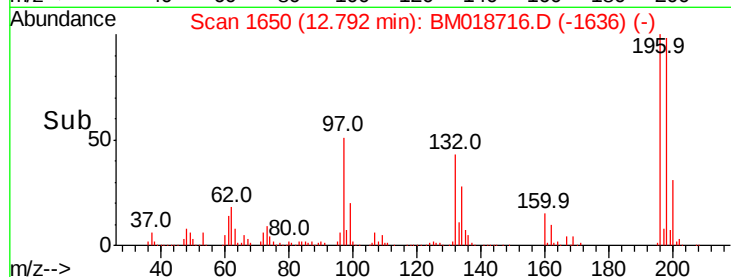
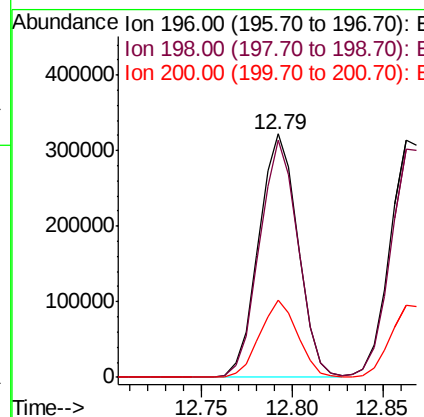
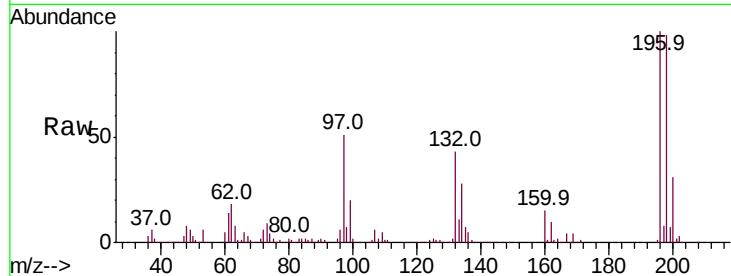
#43
 2,4,6-Trichlorophenol
 Concen: 42.131 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BM018716.D
 Acq: 04 Feb 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	484084		
198	97.6	76.6	115.0	
200	31.5	24.2	36.4	

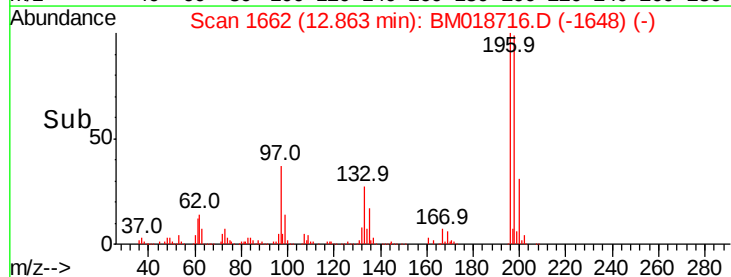
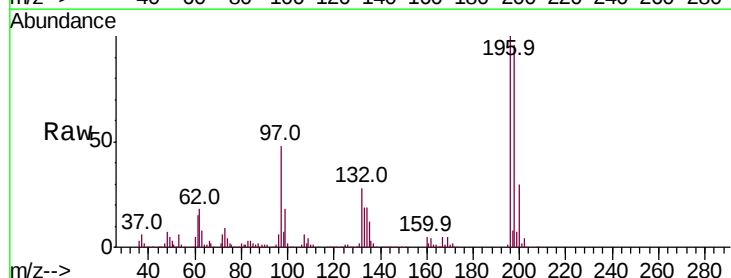
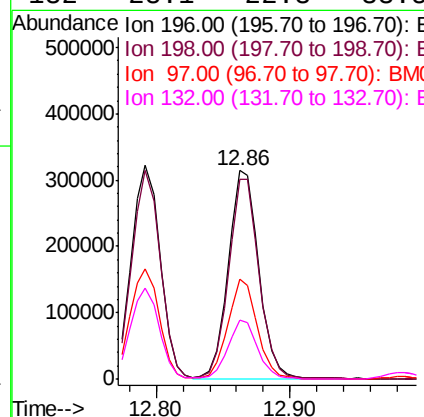
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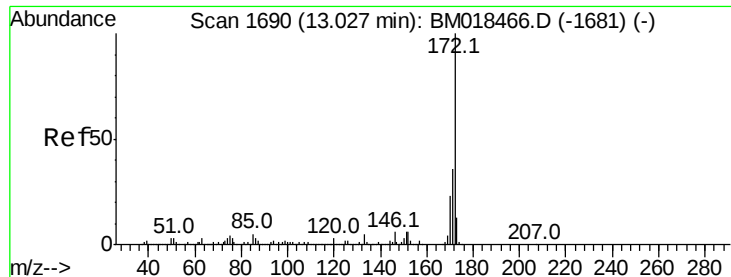
mohammad
 2/5/2019 8:41:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.424 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM018716.D
 Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	500572		
198	96.1	76.7	115.1	
97	48.1	39.2	58.8	
132	28.1	22.3	33.5	





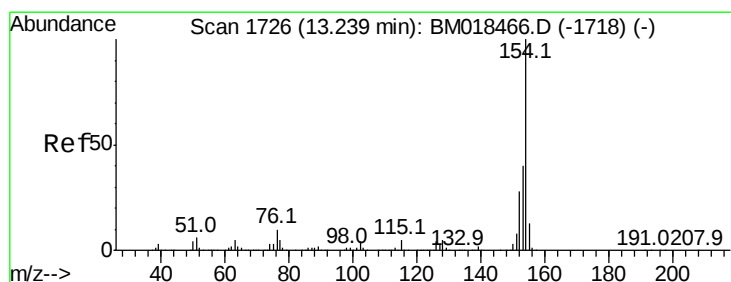
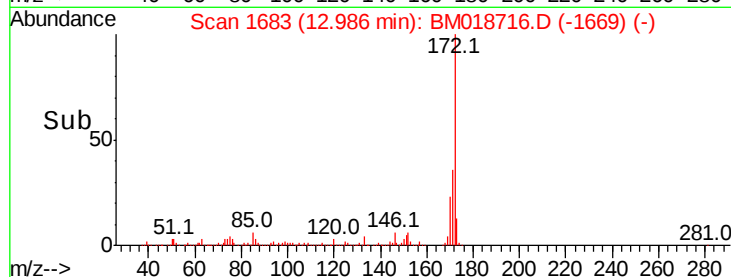
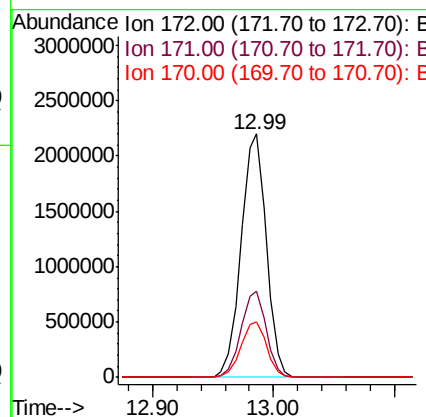
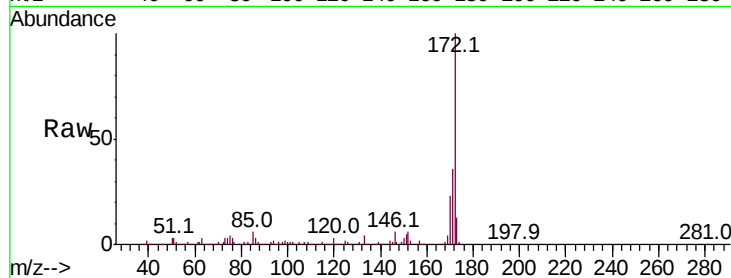
#45
2-Fluorobiphenyl
Concen: 77.361 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.0	18.9	28.3

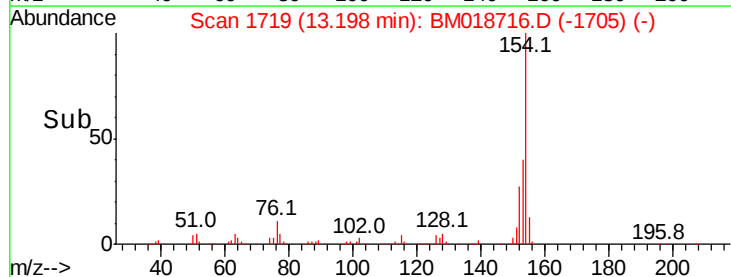
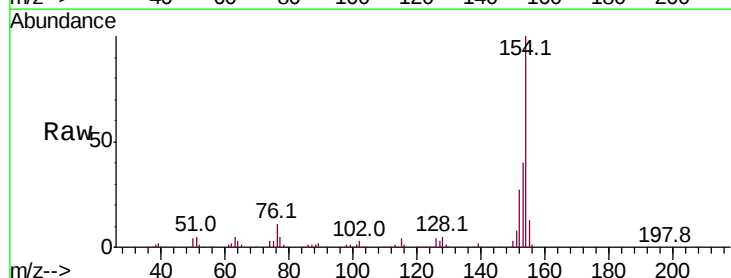
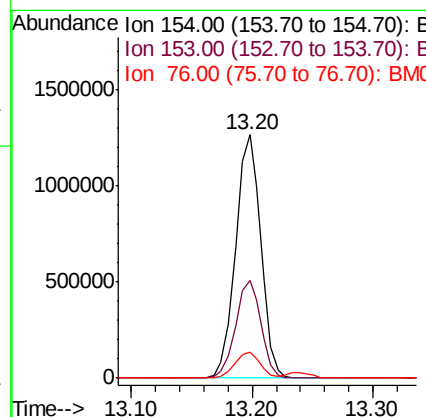
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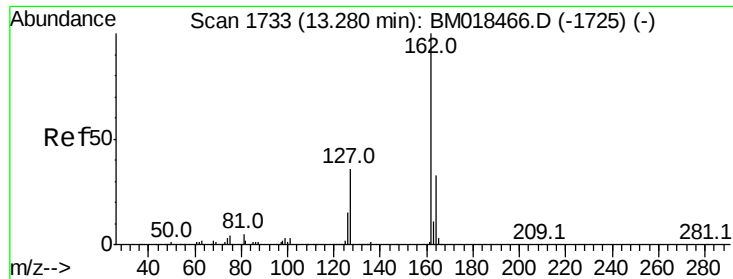
mohammad
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#46
1,1'-Biphenyl
Concen: 38.791 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	10.6	0.0	31.9





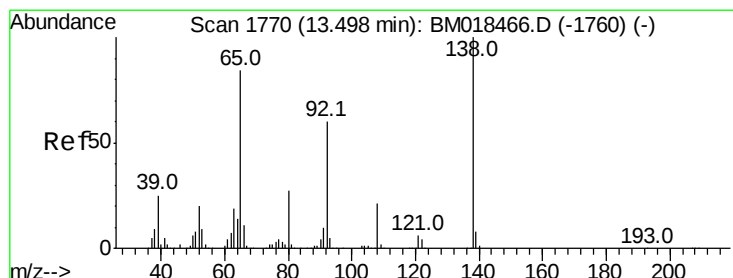
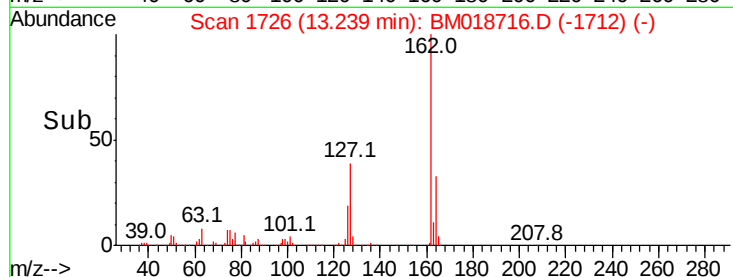
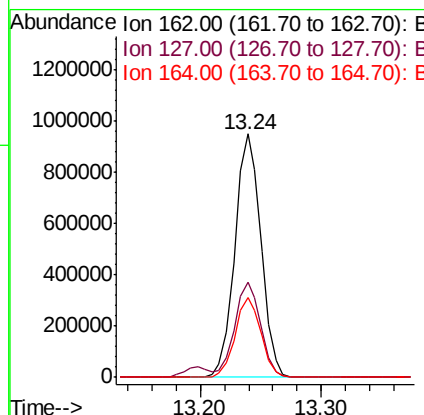
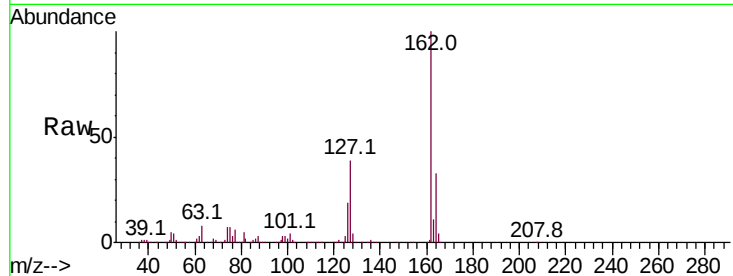
#47
2-Chloronaphthalene
Concen: 38.850 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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

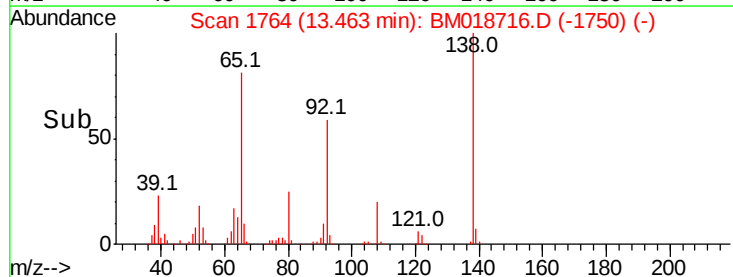
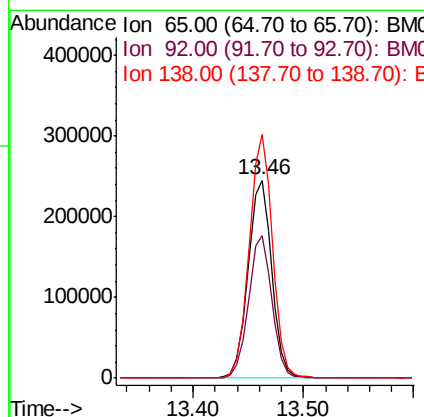
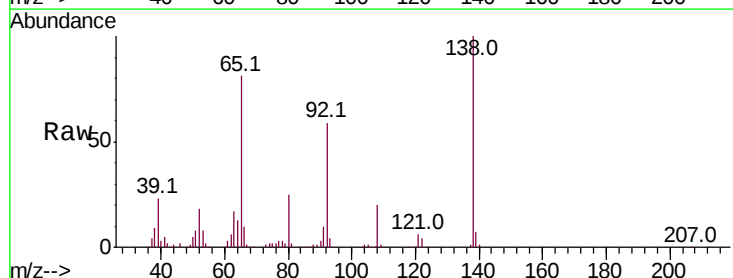
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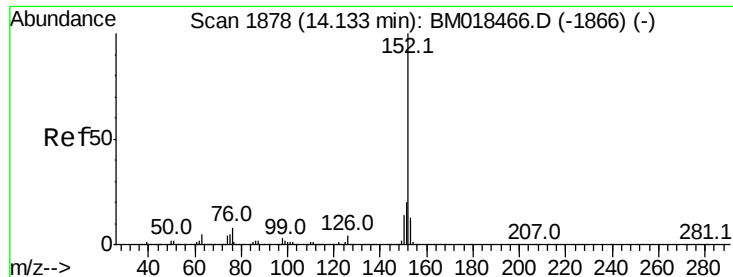
mohammad
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#48
2-Nitroaniline
Concen: 41.149 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	53.4	80.2
138	122.9	88.9	133.3





#49

Acenaphthylene

Concen: 39.274 ng

RT: 14.09 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

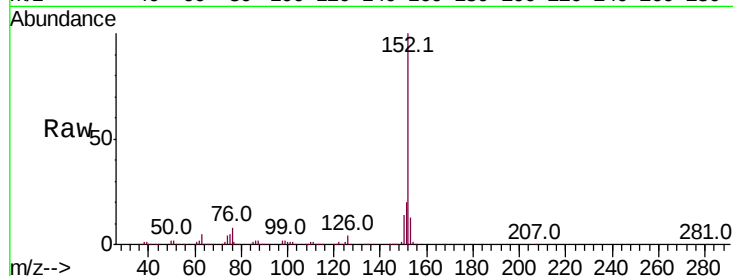
ClientSampleId :

SSTDCCC040

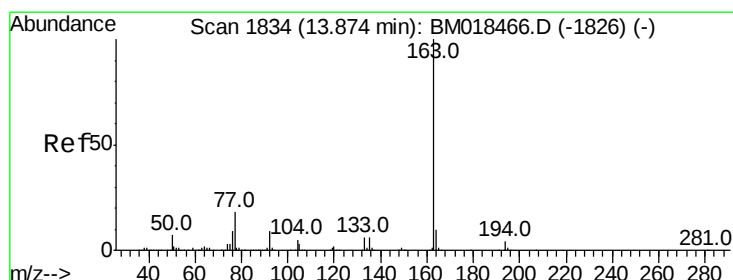
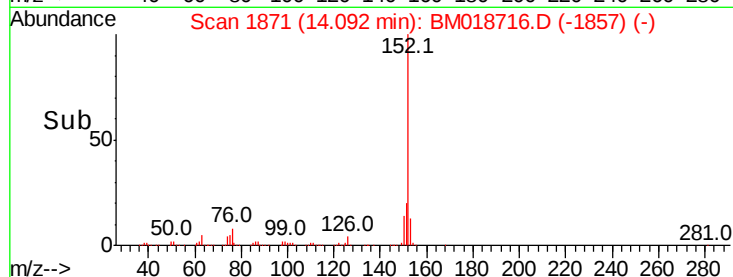
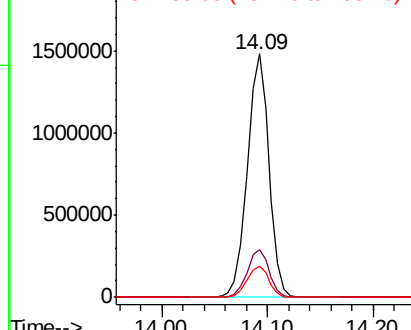
Tot Ion:	152	Resp:	2096776
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7

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



#50

Dimethylphthalate

Concen: 38.049 ng

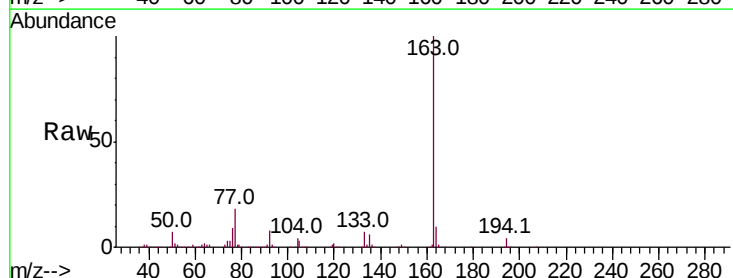
RT: 13.83 min Scan# 1827

Delta R.T. -0.02 min

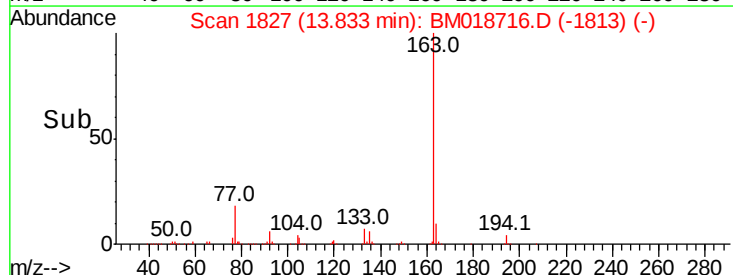
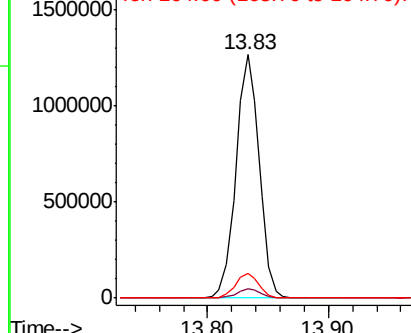
Lab File: BM018716.D

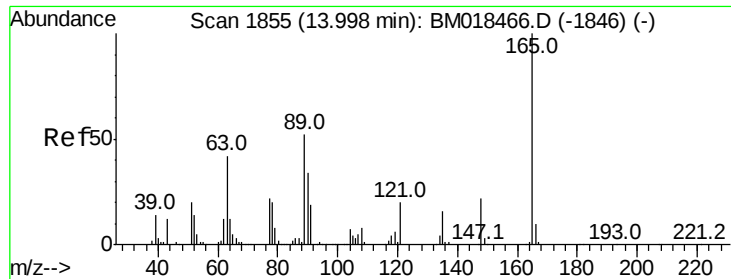
Acq: 04 Feb 2019 13:35

Tgt Ion:	163	Resp:	1690777
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	7.8	11.8



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





#51

2,6-Dinitrotoluene

Concen: 40.151 ng

RT: 13.96 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

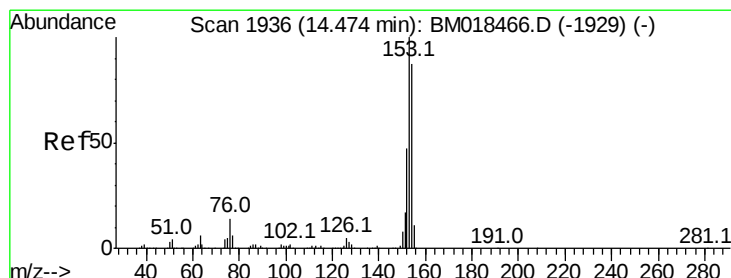
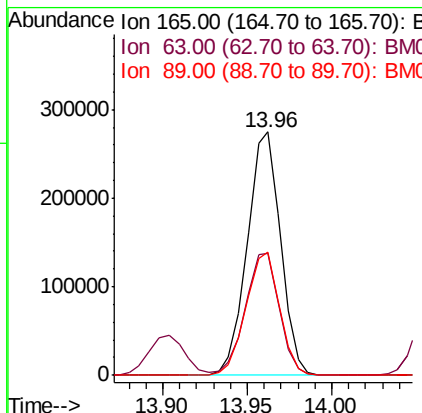
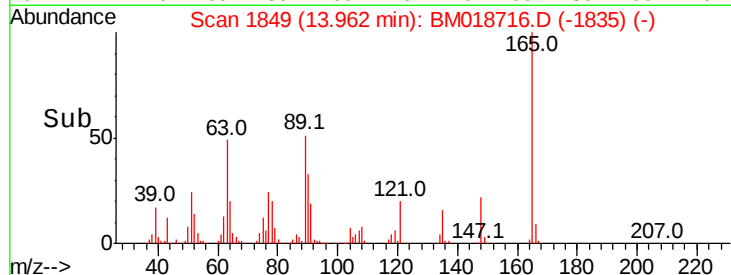
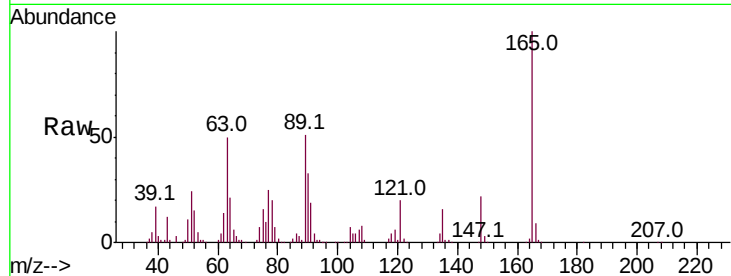
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	377926
Ion Ratio	Lower	Upper	
165	100		
63	49.9	45.6	68.4
89	50.7	44.6	66.8

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#52

Acenaphthene

Concen: 38.872 ng

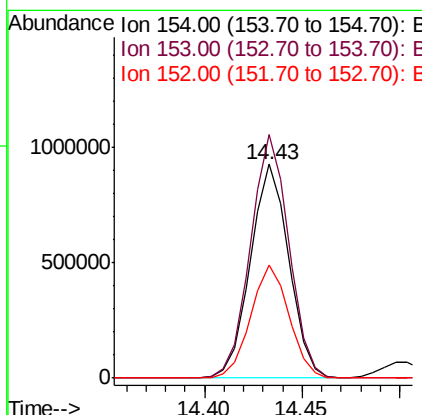
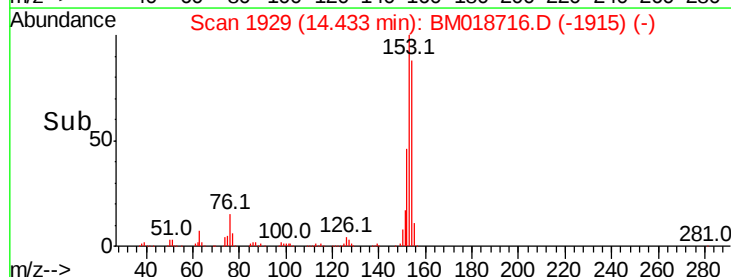
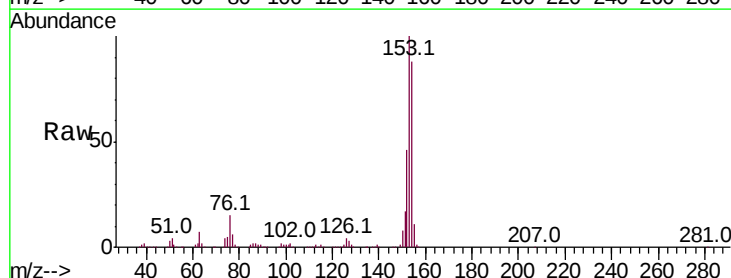
RT: 14.43 min Scan# 1929

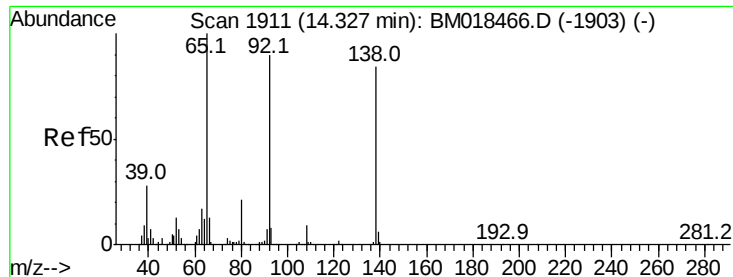
Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt Ion:	154	Resp:	1269812
Ion Ratio	Lower	Upper	
154	100		
153	113.7	92.3	138.5
152	52.7	43.8	65.6





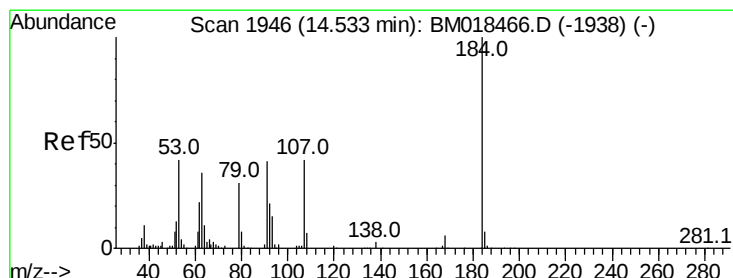
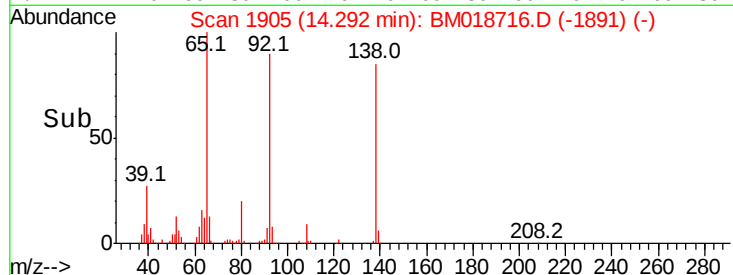
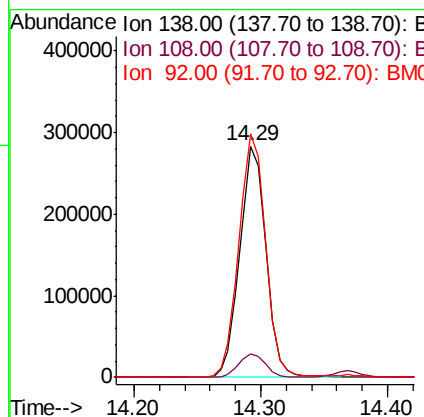
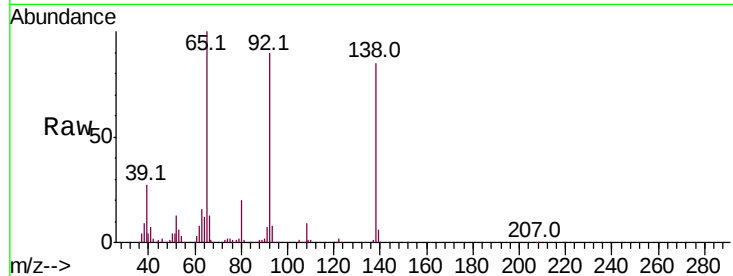
#53
3-Nitroaniline
Concen: 42.815 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	105.5	88.2	132.2

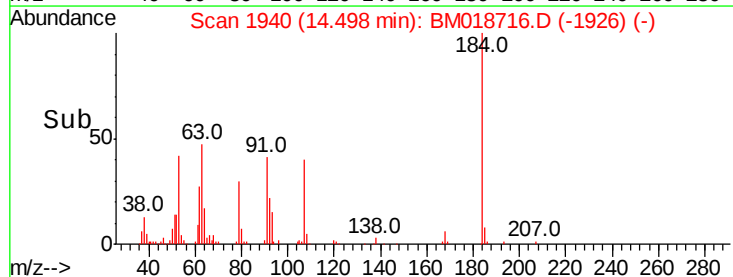
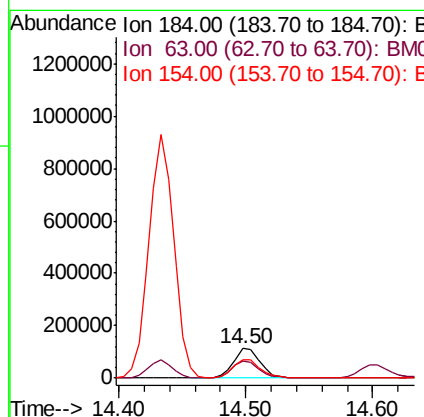
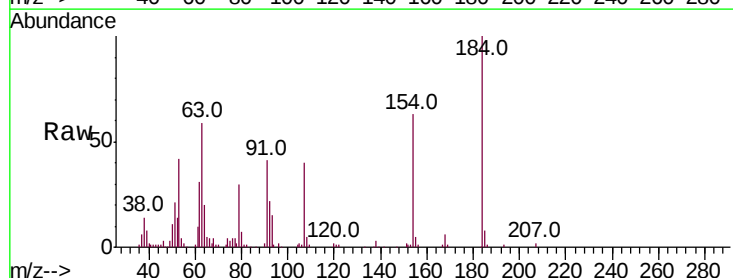
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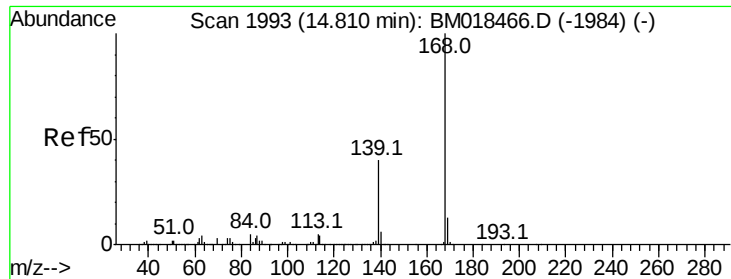
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#54
2,4-Dinitrophenol
Concen: 36.973 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	55.9	83.9
154	63.2	54.2	81.4





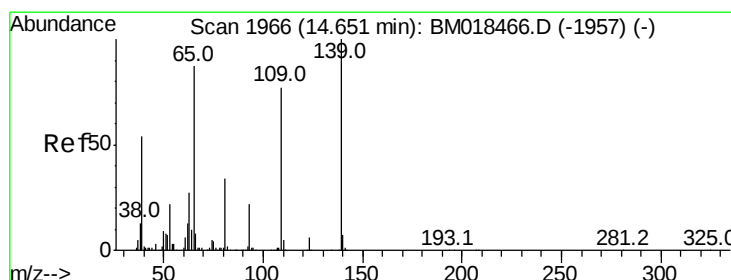
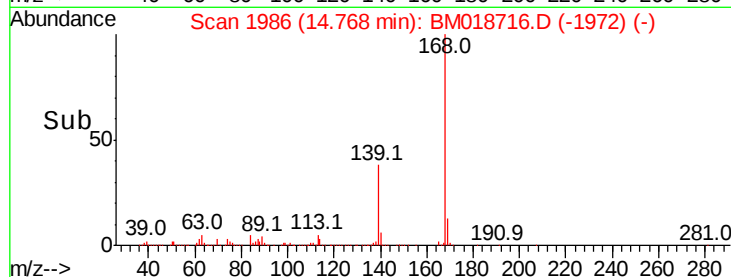
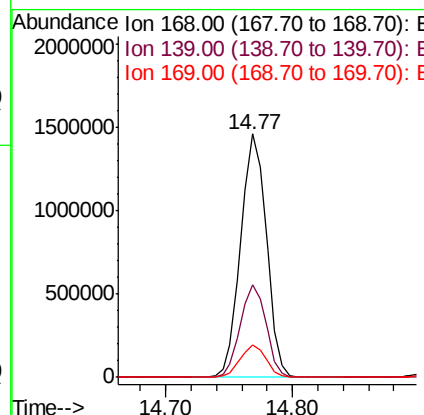
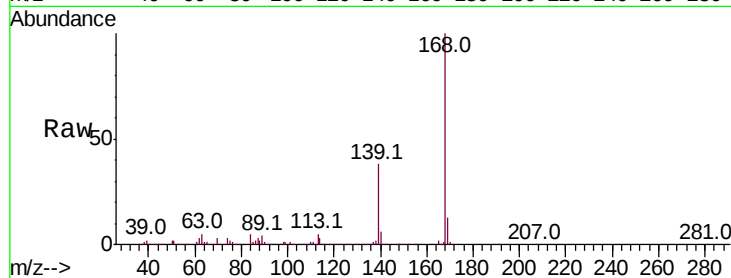
#55
Dibenzofuran
Concen: 37.902 ng
RT: 14.77 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.3	45.5
169	13.1	10.6	16.0

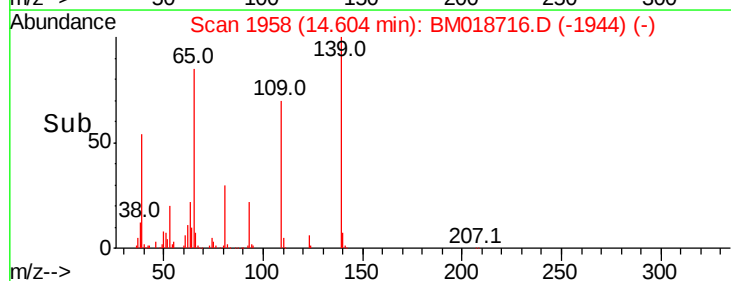
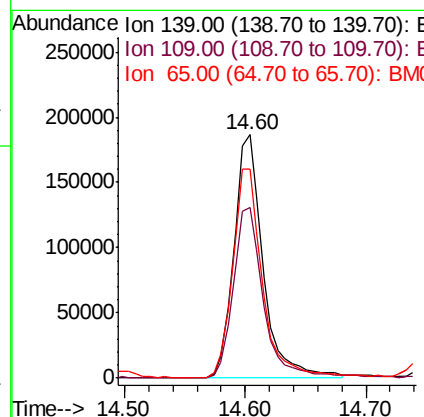
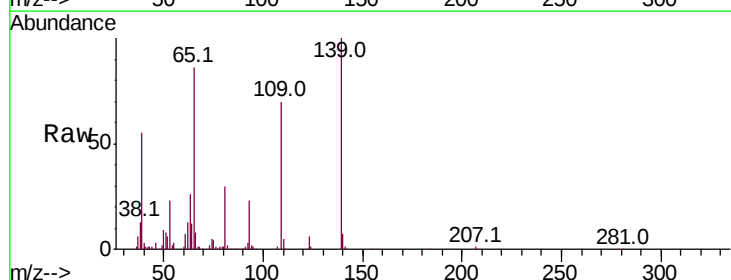
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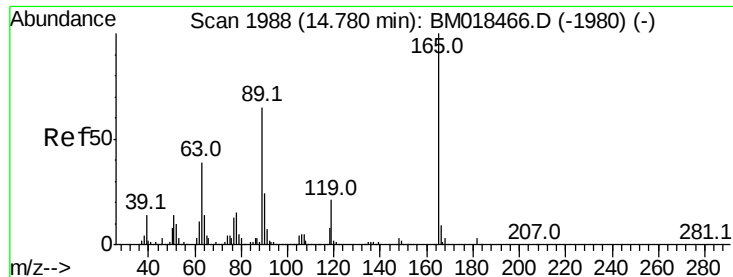
mohammad
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#56
4-Nitrophenol
Concen: 38.381 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	51.7	91.7
65	86.0	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 38.930 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

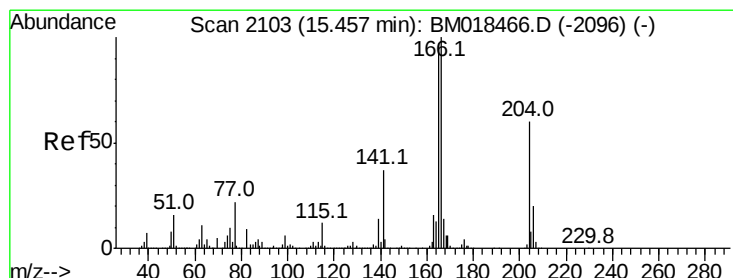
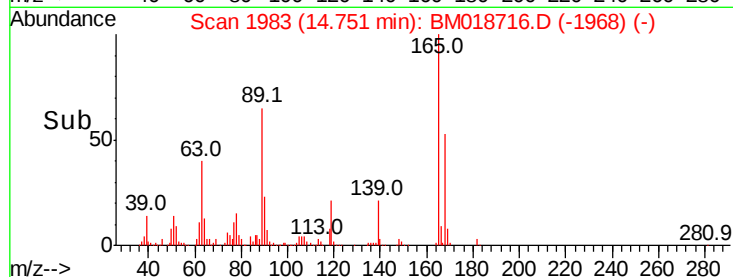
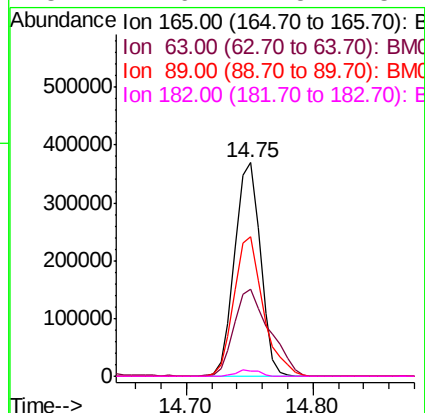
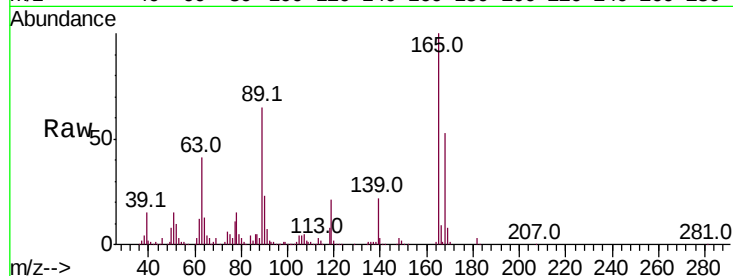
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.7	32.2	48.2	
89	65.3	52.1	78.1	
182	2.6	2.5	3.7	

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#58

Fluorene

Concen: 38.356 ng

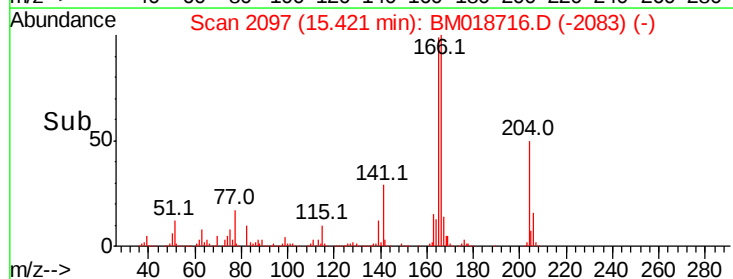
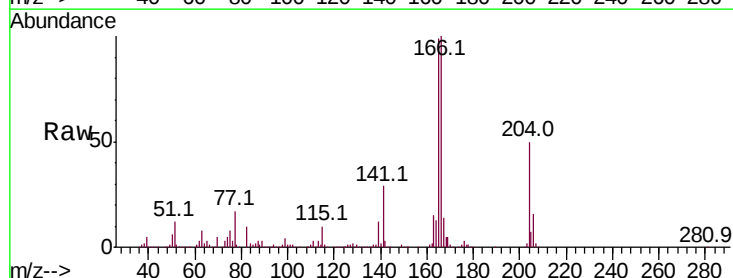
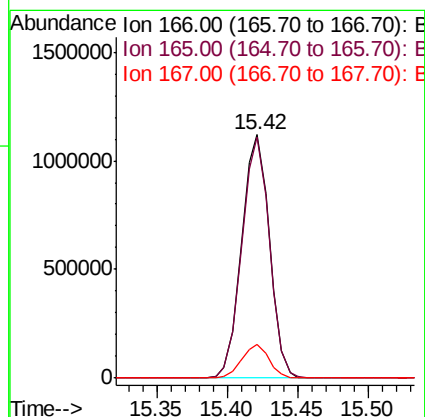
RT: 15.42 min Scan# 2097

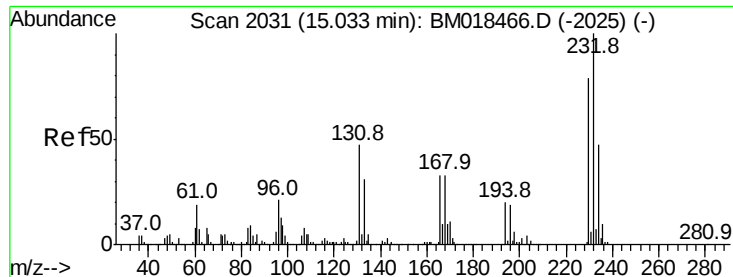
Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	78.3	117.5	
167	13.7	10.9	16.3	





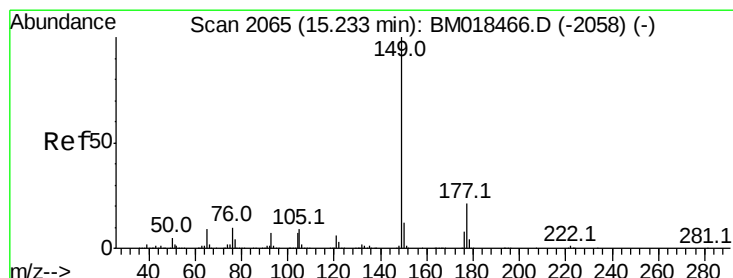
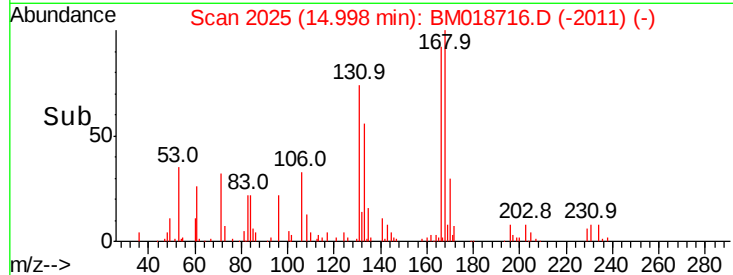
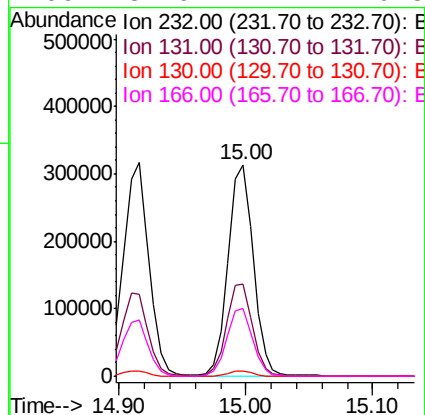
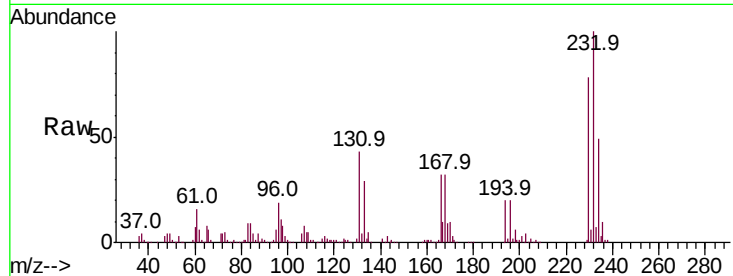
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.222 ng
RT: 15.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	430818		
131	44.4	38.6	57.8	
130	2.4	2.2	3.4	
166	32.9	27.2	40.8	

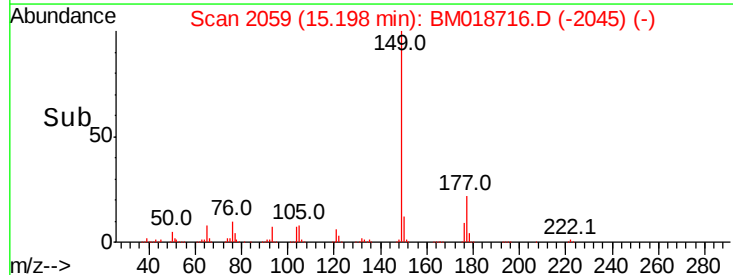
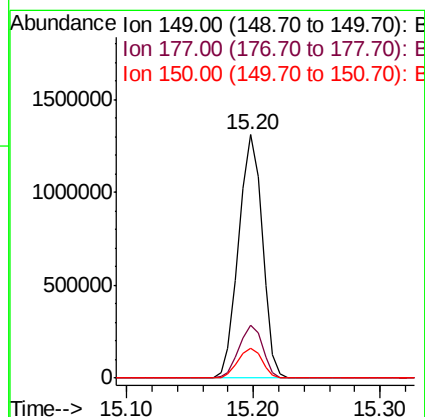
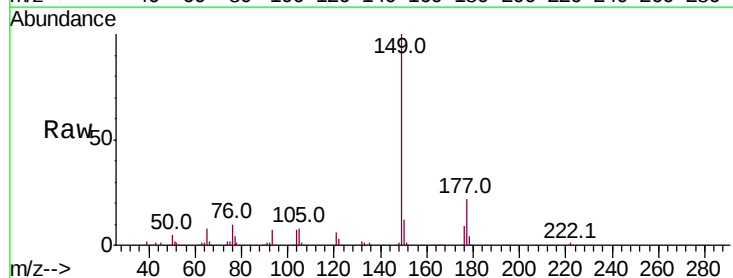
Manual Integrations
APPROVED

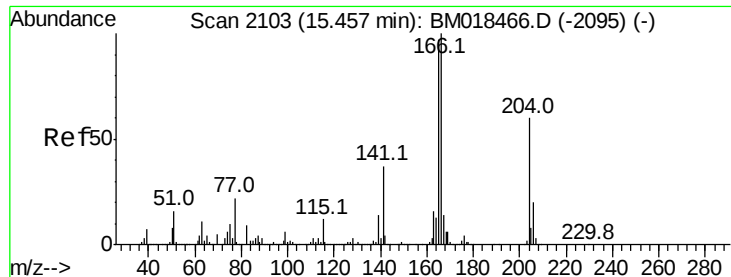
mohammad
2/5/2019 8:41:01 AM



#60
Diethylphthalate
Concen: 37.776 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1694609		
177	21.8	17.1	25.7	
150	12.2	9.8	14.6	





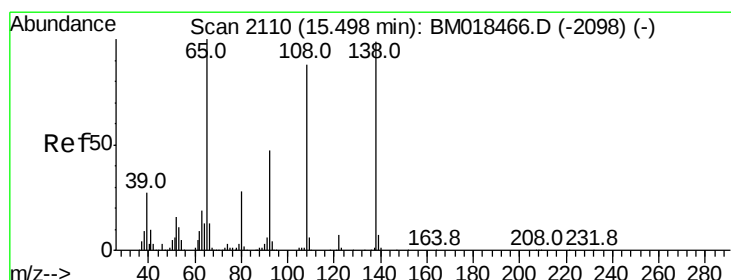
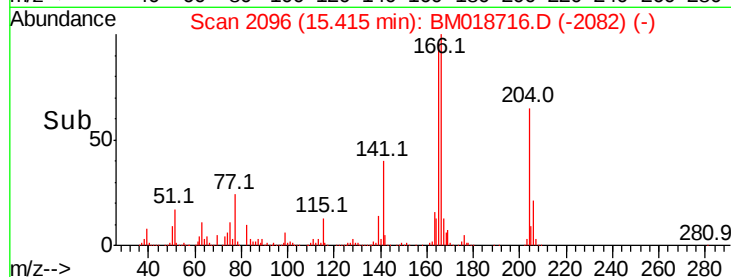
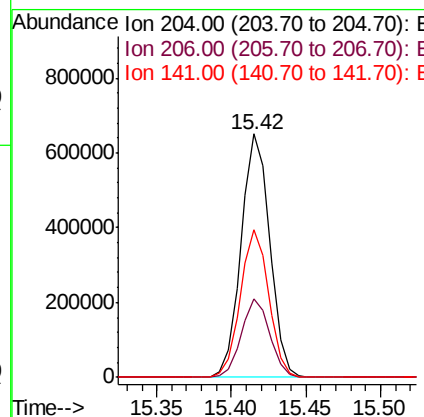
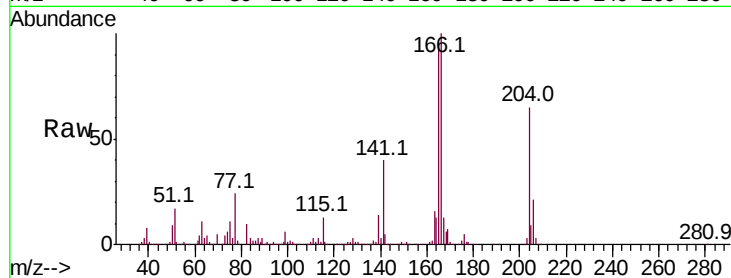
#61
4-Chlorophenyl-phenylether
Concen: 37.480 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.6
141	60.4	49.5	74.3

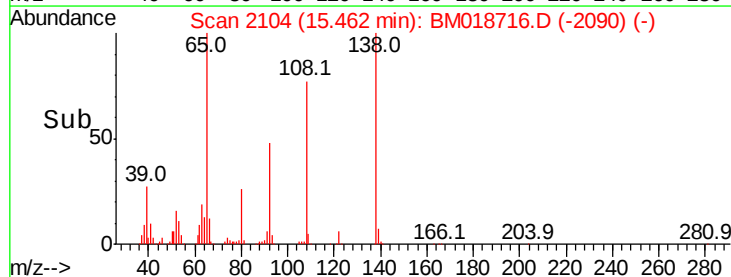
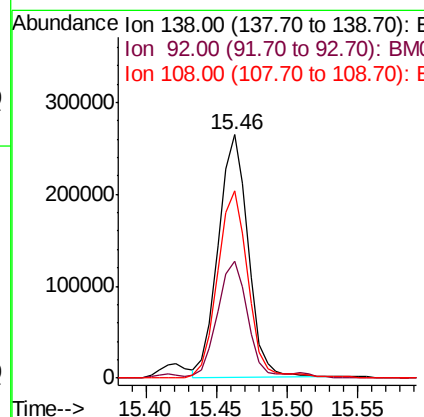
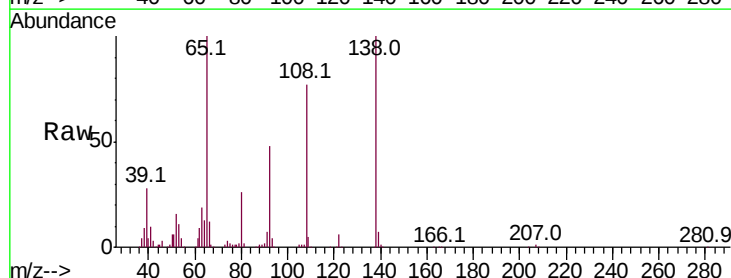
Manual Integrations
APPROVED

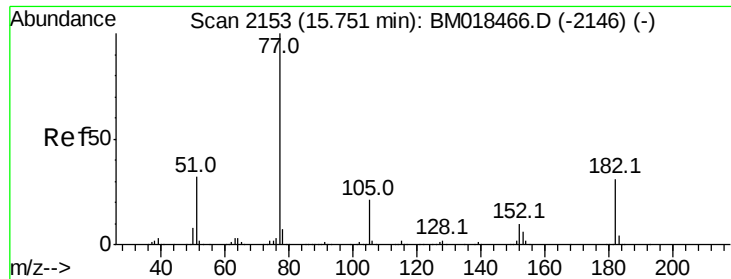
mohammad
2/5/2019 8:41:01 AM



#62
4-Nitroaniline
Concen: 37.492 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	29.0	69.0
108	77.0	63.9	103.9





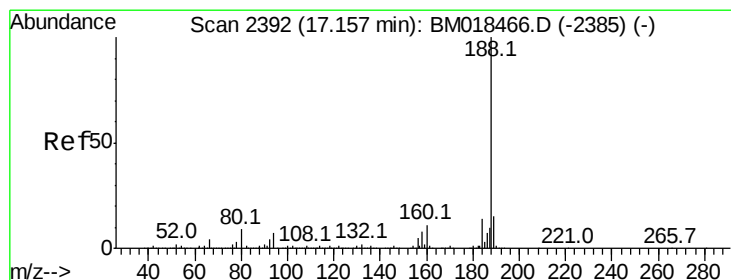
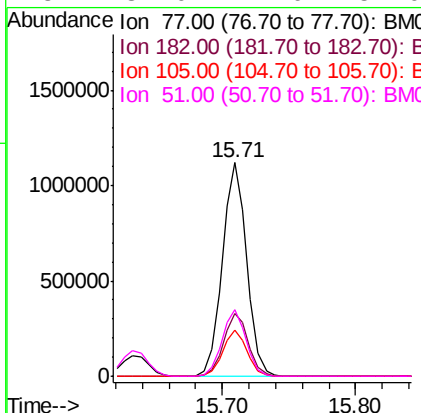
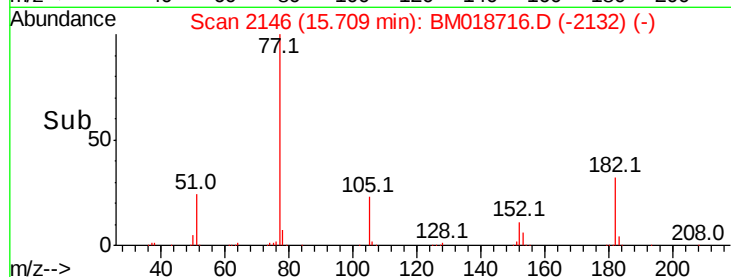
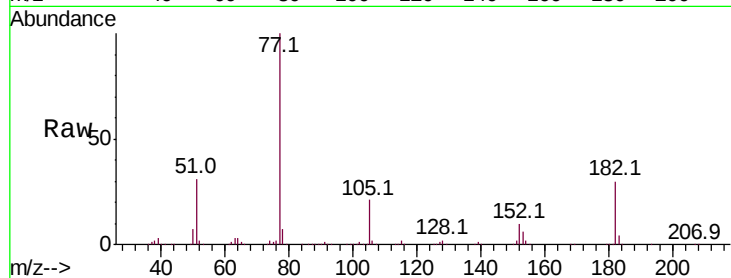
#63
Azobenzene
Concen: 38.959 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1424884
Ion Ratio Lower Upper
77 100
182 29.6 7.4 47.4
105 21.4 0.0 39.6
51 31.0 12.0 52.0

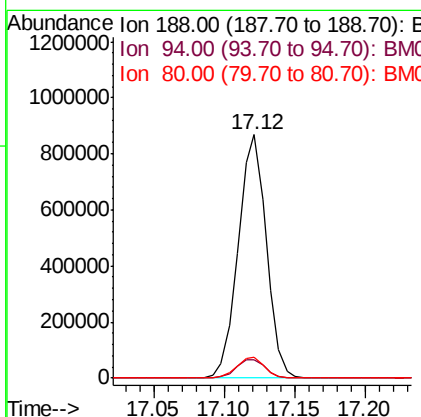
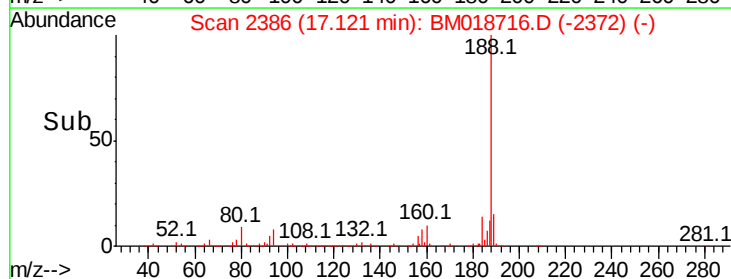
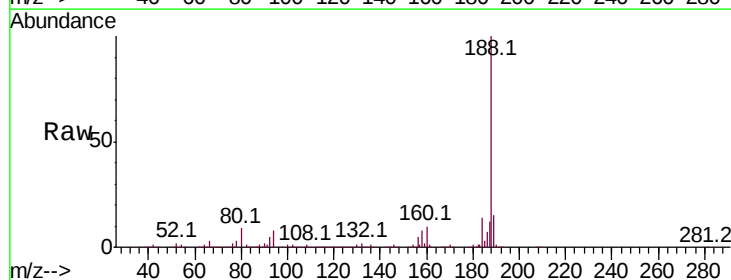
Manual Integrations
APPROVED

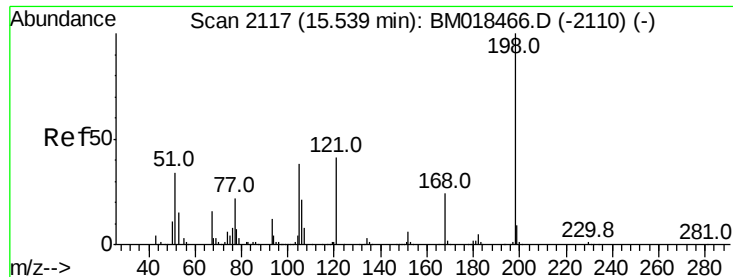
mohammad
2/5/2019 8:41:01 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion: 188 Resp: 1206472
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.5 7.6 11.4





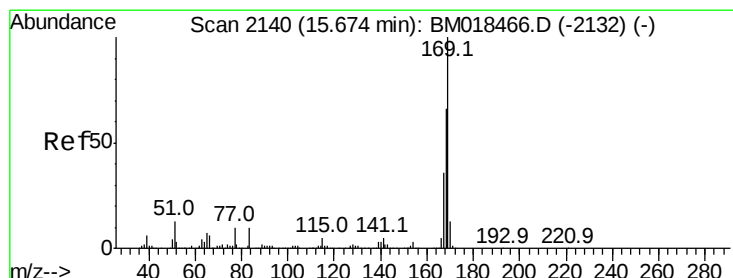
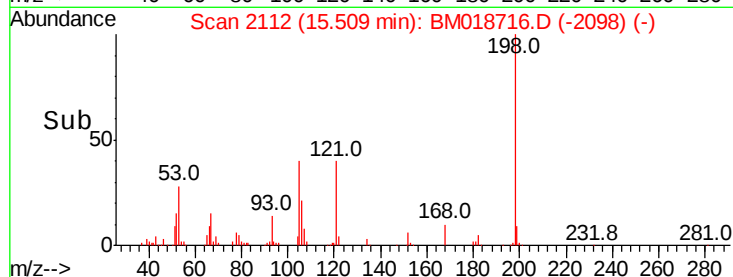
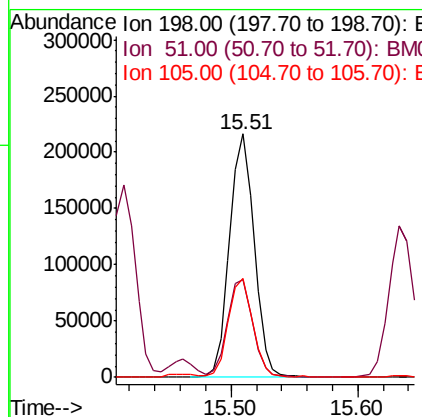
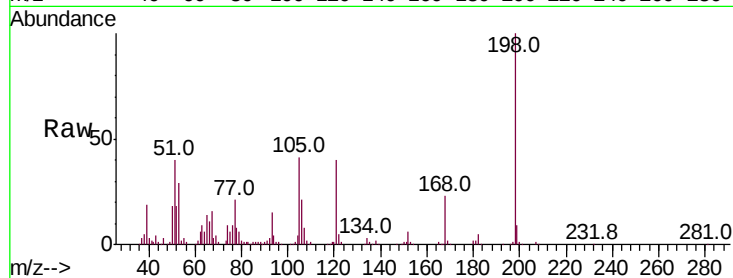
#65
4,6-Dinitro-2-methylphenol
Concen: 39.113 ng
RT: 15.51 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	292131		
51	40.3	29.6	69.6	
105	40.6	25.5	65.5	

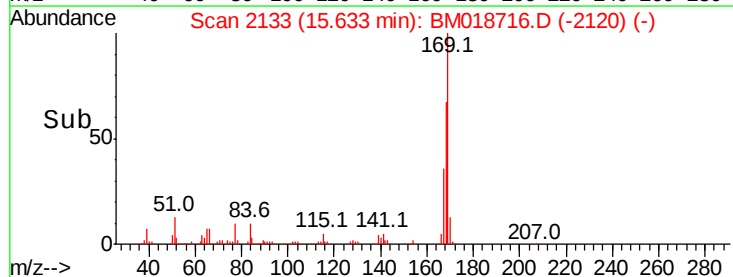
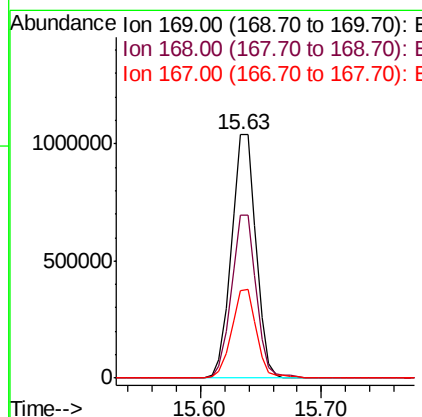
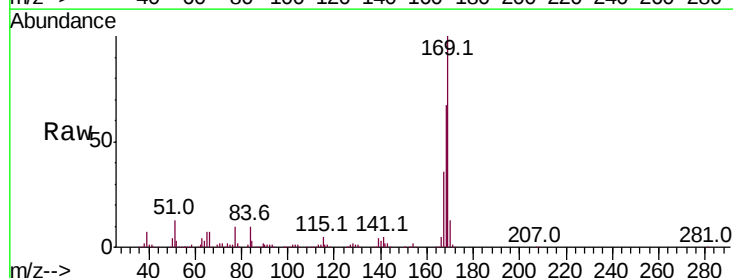
Manual Integrations
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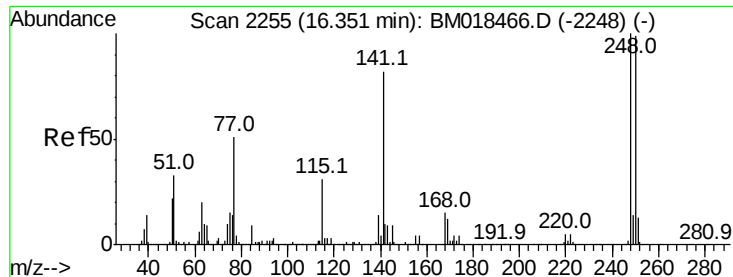
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.288 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1470339		
168	66.8	54.1	81.1	
167	36.1	28.6	42.8	





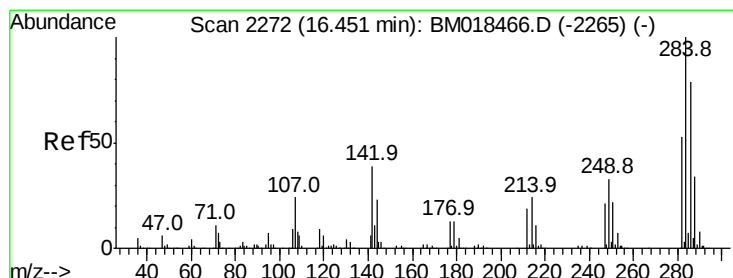
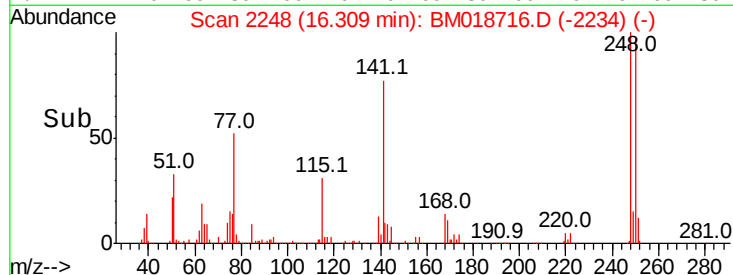
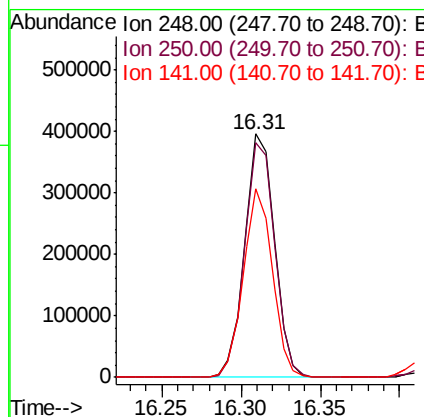
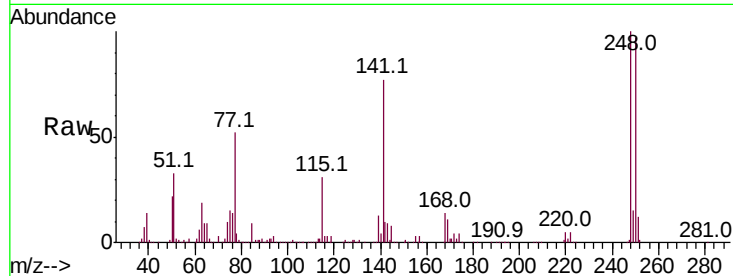
#67
4-Bromophenyl-phenylether
Concen: 38.440 ng
RT: 16.31 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.0	114.0
141	77.3	61.5	92.3

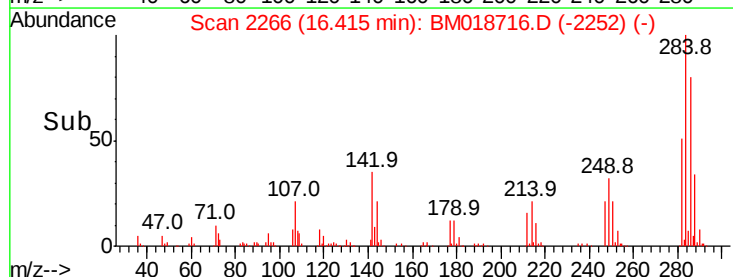
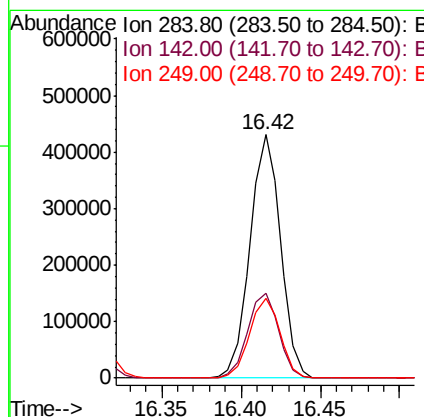
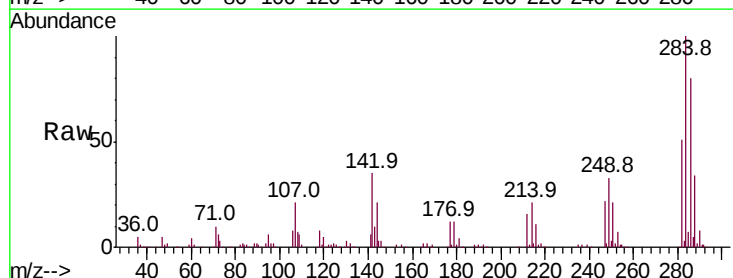
Manual Integrations
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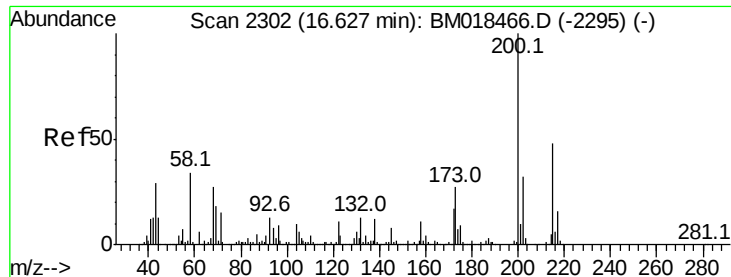
mohammad
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#68
Hexachlorobenzene
Concen: 38.156 ng
RT: 16.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	29.2	43.8
249	32.6	26.1	39.1





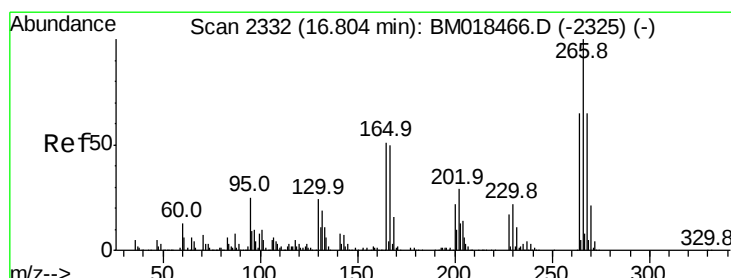
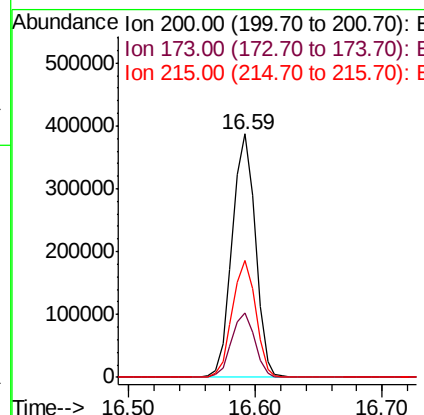
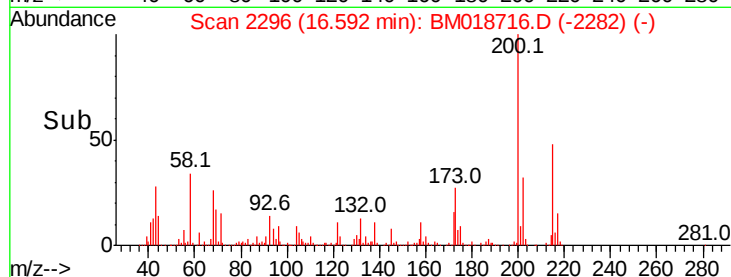
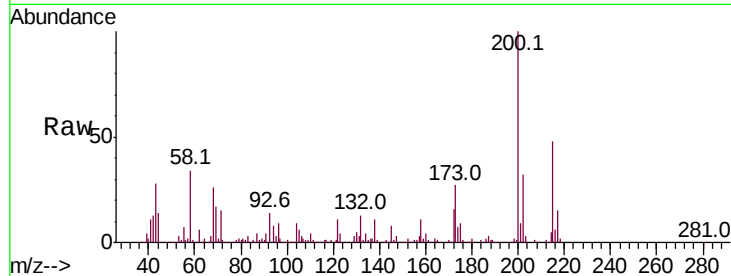
#69
Atrazine
Concen: 36.109 ng
RT: 16.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.5	7.2	47.2	
215	47.9	28.3	68.3	

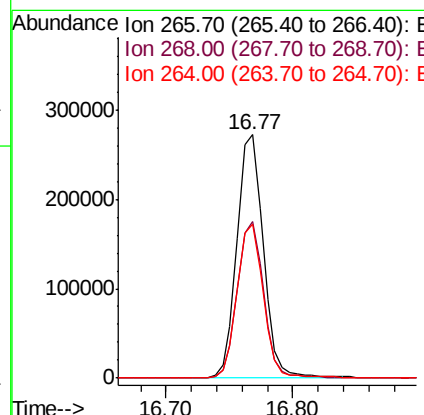
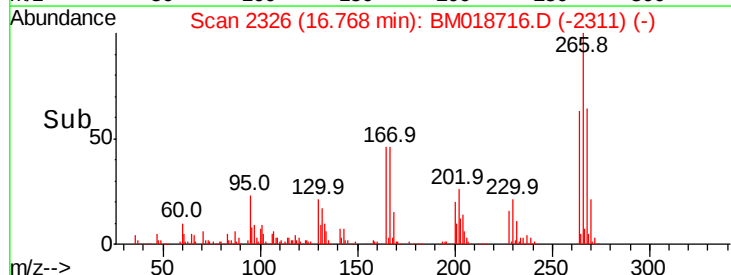
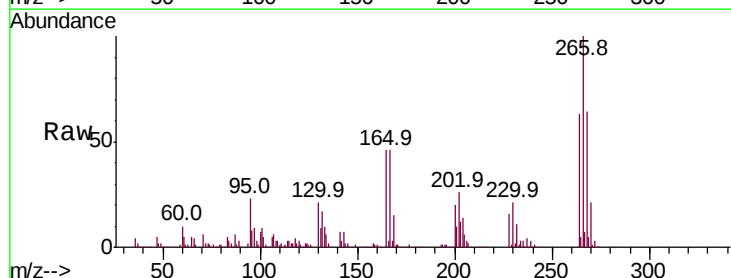
Manual Integrations
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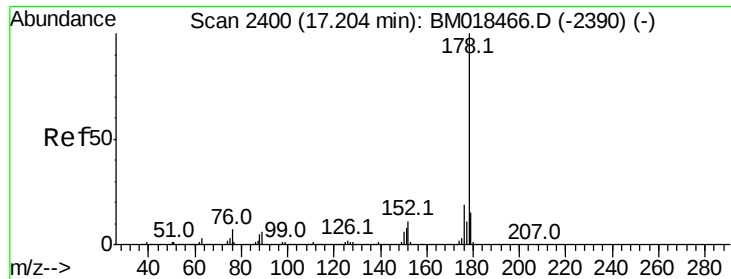
mohammad
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#70
Pentachlorophenol
Concen: 39.567 ng
RT: 16.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.2	49.8	74.6	
264	63.2	50.1	75.1	





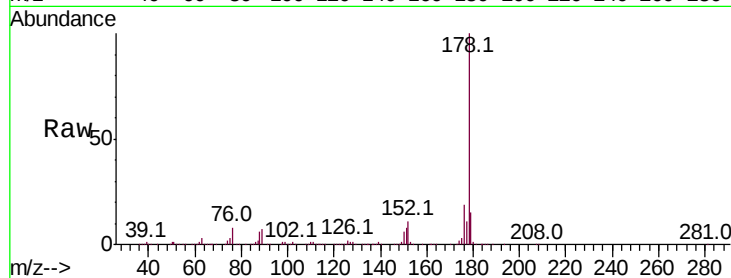
#71
Phenanthrene
Concen: 38.365 ng
RT: 17.16 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.2	18.4

Manual Integrations
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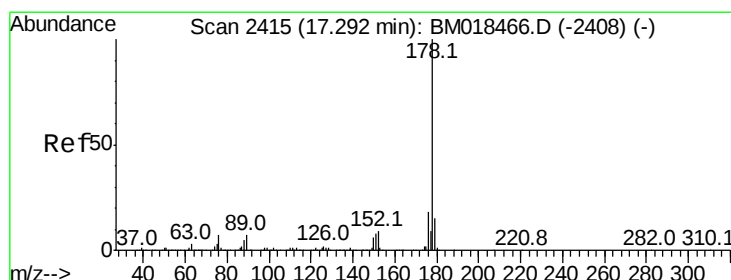
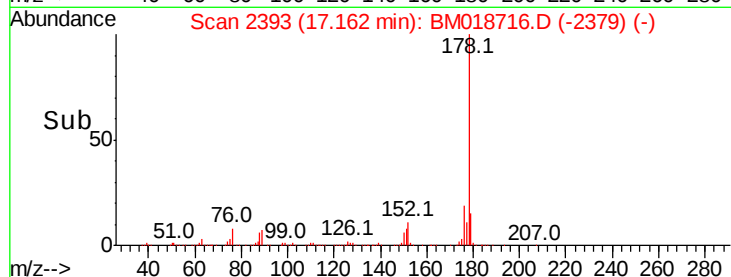
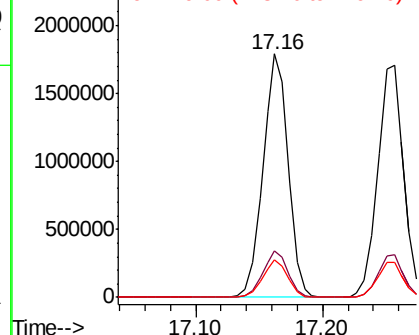


Abundance

Ion 178.00 (177.70 to 178.70): E

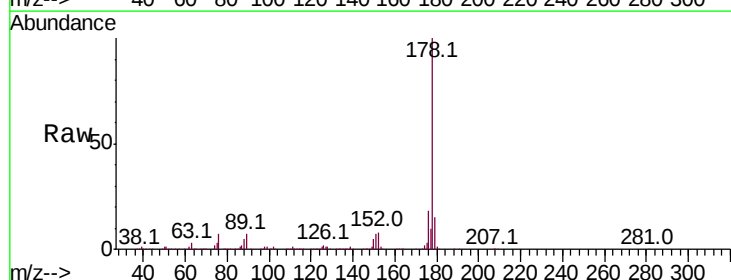
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.293 ng
RT: 17.26 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.2	18.4

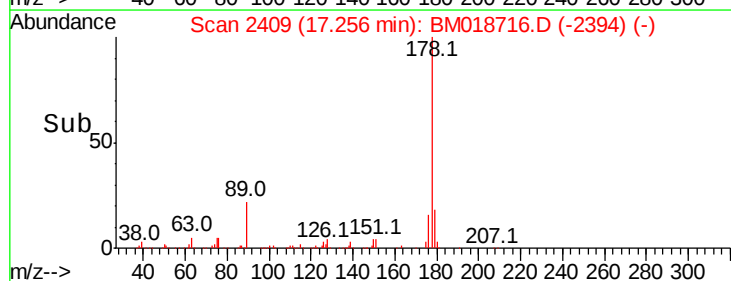
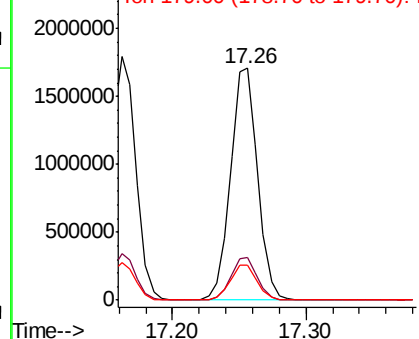


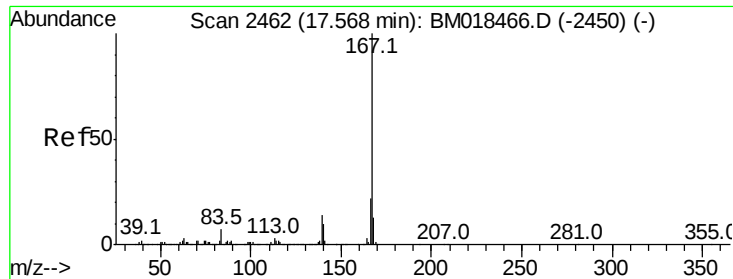
Abundance

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: 39.458 ng

RT: 17.53 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2501556

Ion Ratio Lower Upper

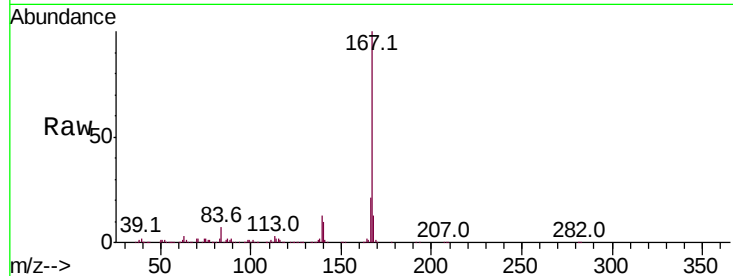
167 100

166 21.2 17.4 26.2

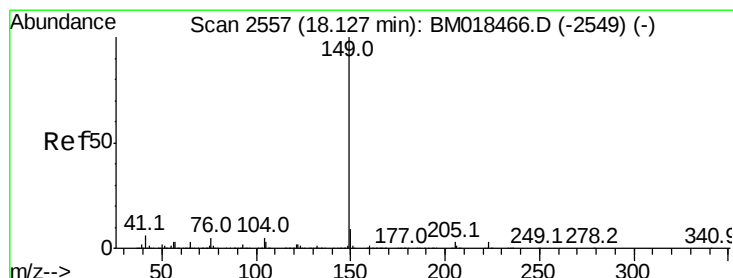
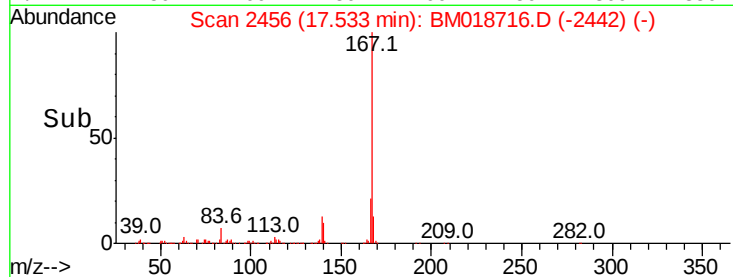
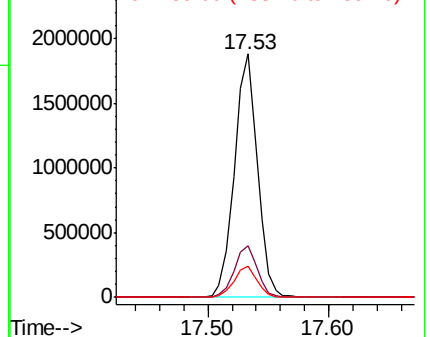
139 12.7 10.6 16.0

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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: 40.278 ng

RT: 18.09 min Scan# 2550

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

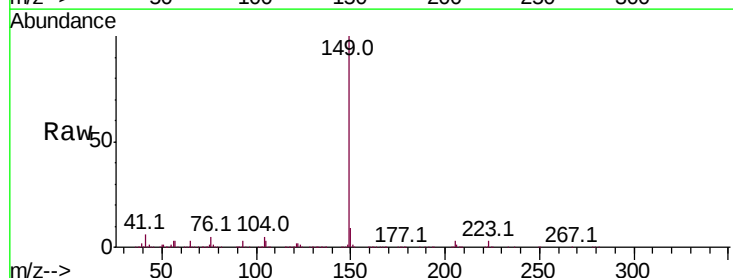
Tgt Ion:149 Resp: 2797140

Ion Ratio Lower Upper

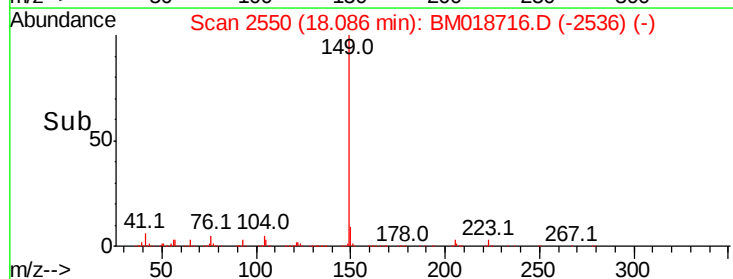
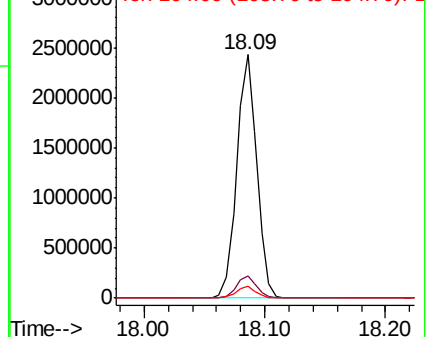
149 100

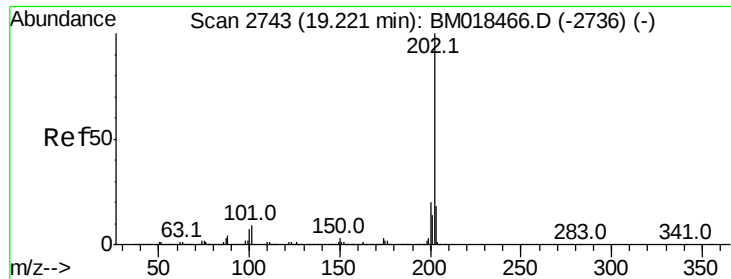
150 9.1 7.3 10.9

104 4.8 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: 38.233 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

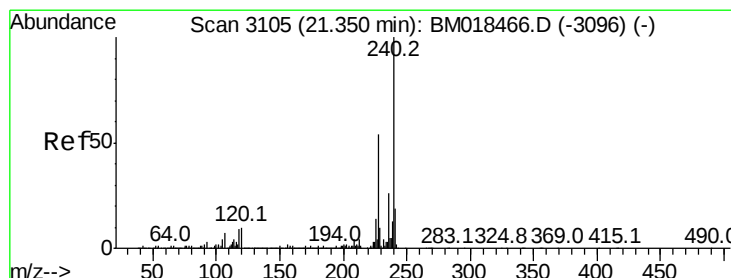
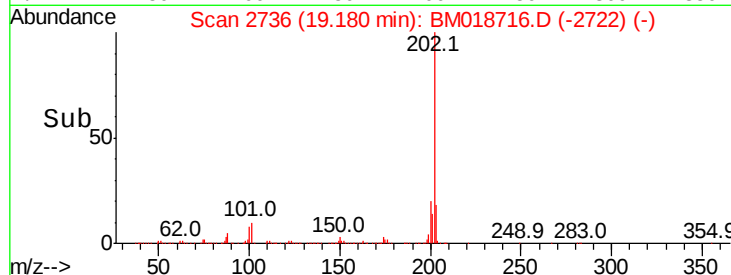
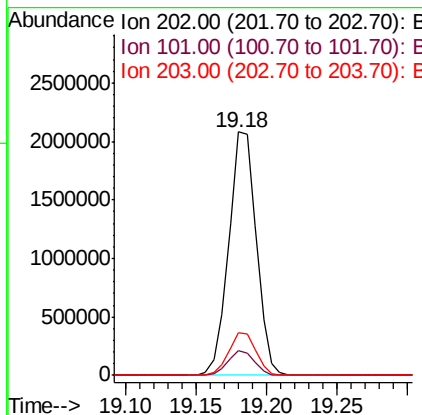
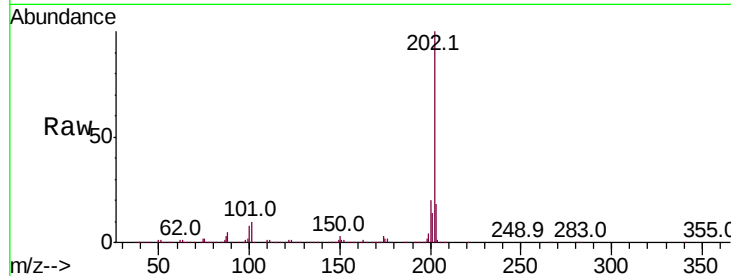
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	2828649
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.9
203	17.7	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

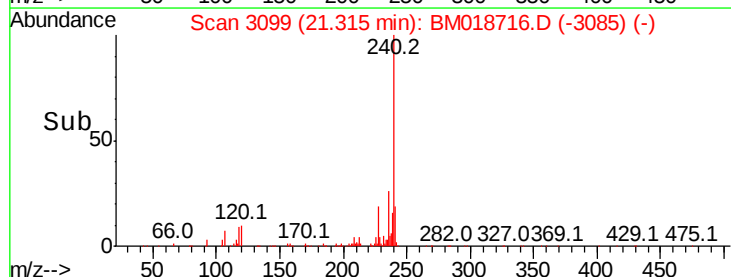
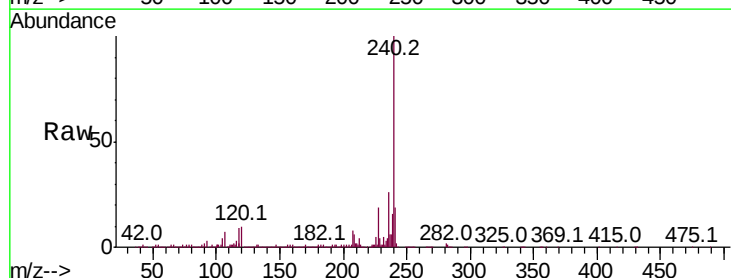
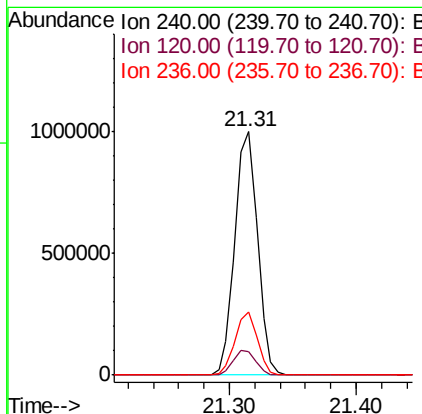
RT: 21.31 min Scan# 3099

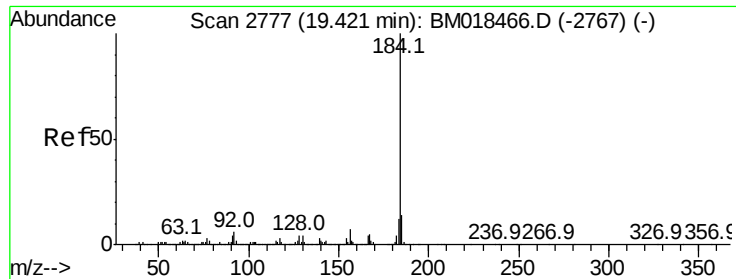
Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt Ion:	240	Resp:	1240012
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.4	12.6
236	25.8	20.7	31.1





#77

Benzidine

Concen: 35.523 ng

RT: 19.38 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1087643

Ion Ratio Lower Upper

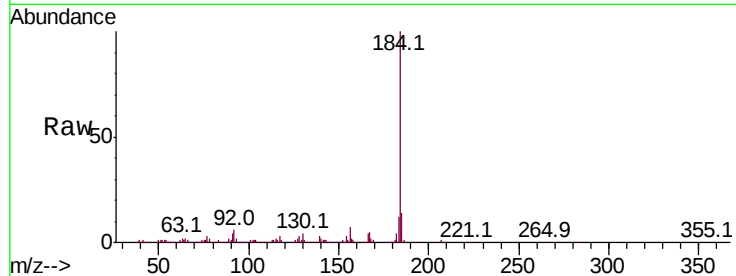
184 100

185 14.0 11.4 17.0

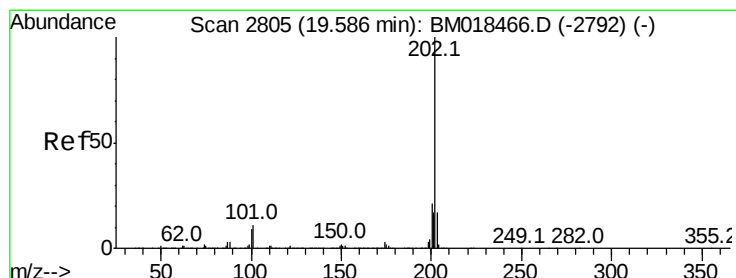
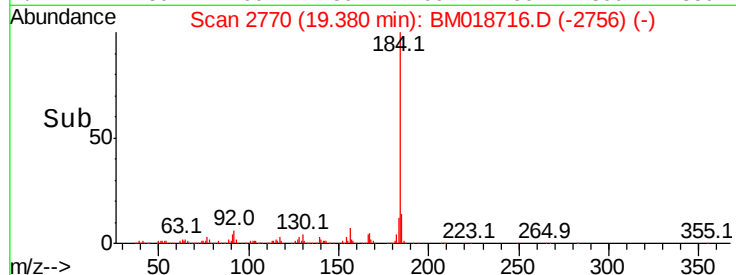
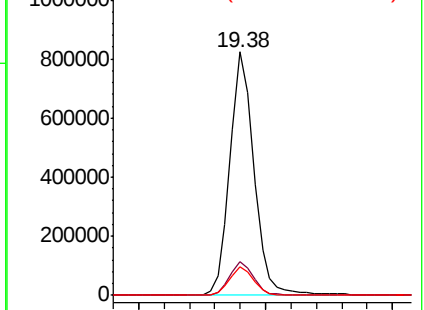
183 11.7 9.5 14.3

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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: 40.214 ng

RT: 19.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

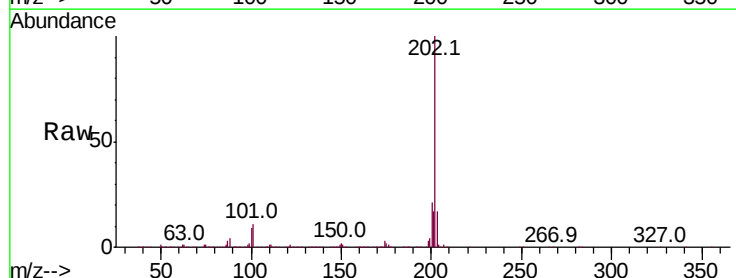
Tgt Ion:202 Resp: 2955762

Ion Ratio Lower Upper

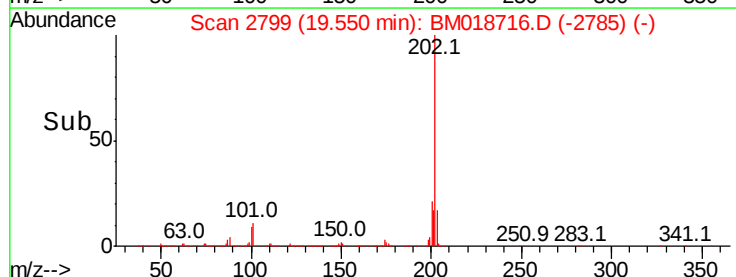
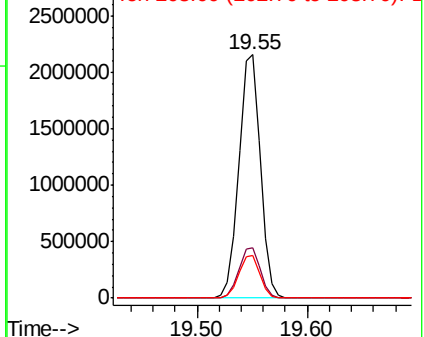
202 100

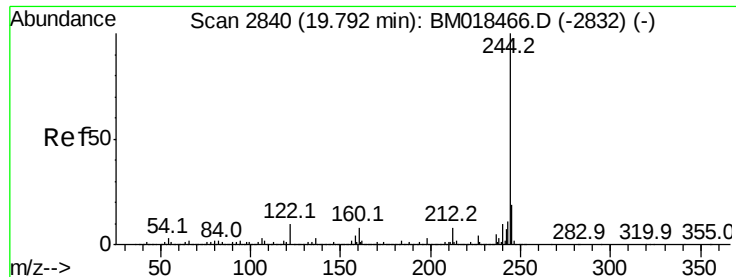
200 20.7 16.6 24.8

203 17.4 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: 80.560 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 4738773

Ion Ratio Lower Upper

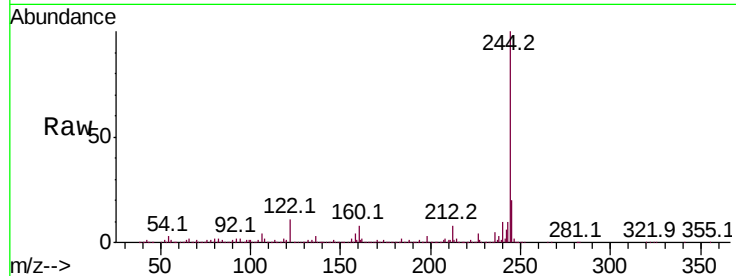
244 100

212 7.7 5.9 8.9

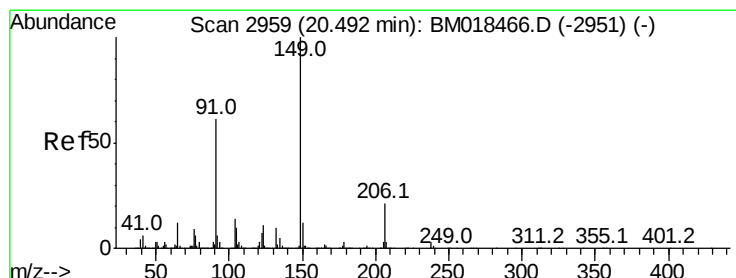
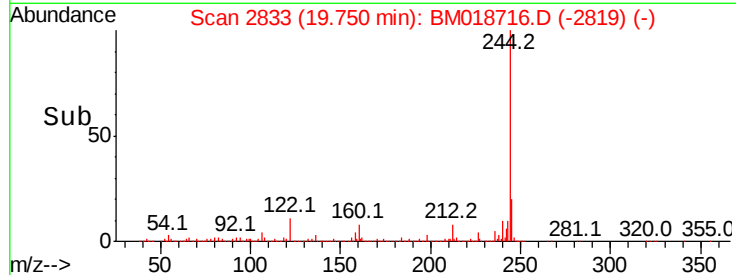
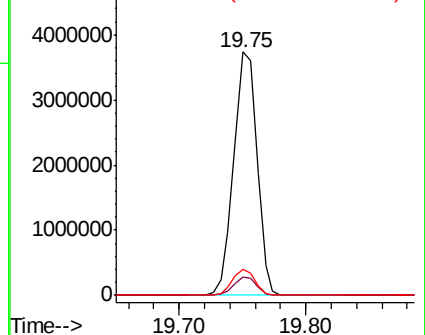
122 10.6 9.0 13.4

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Abundance Ion 244.00 (243.70 to 244.70): E
5000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.222 ng

RT: 20.45 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

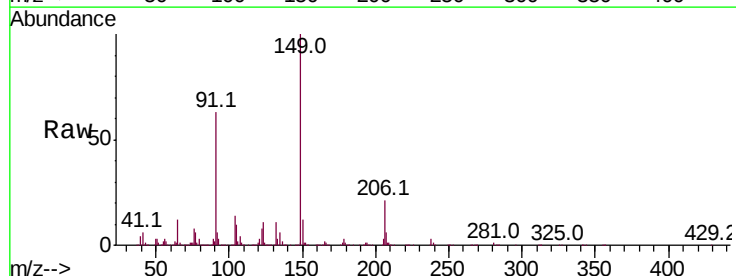
Tgt Ion:149 Resp: 1292875

Ion Ratio Lower Upper

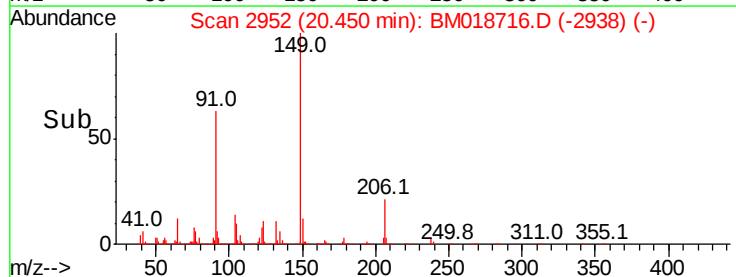
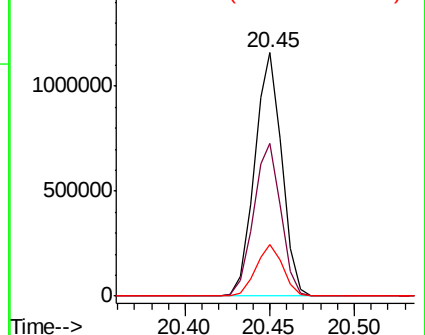
149 100

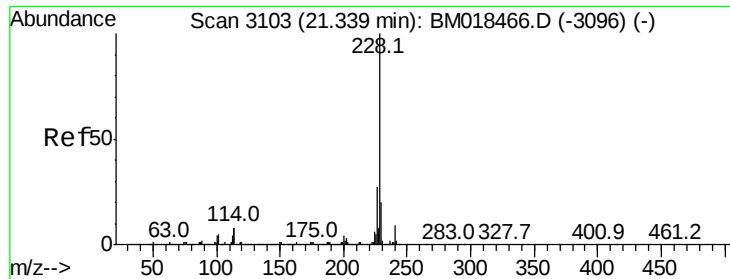
91 62.5 53.1 79.7

206 21.1 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.535 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

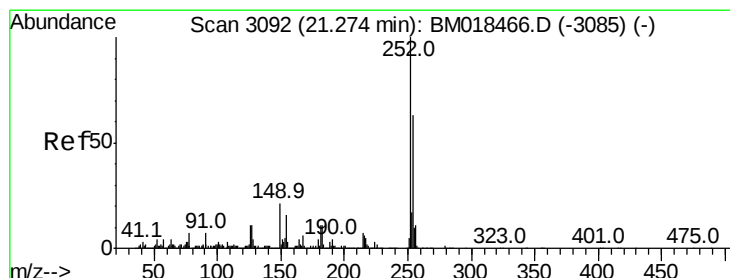
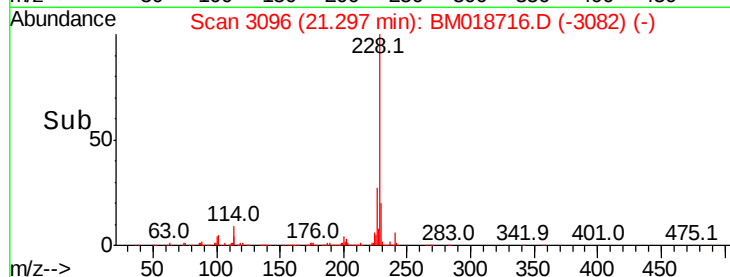
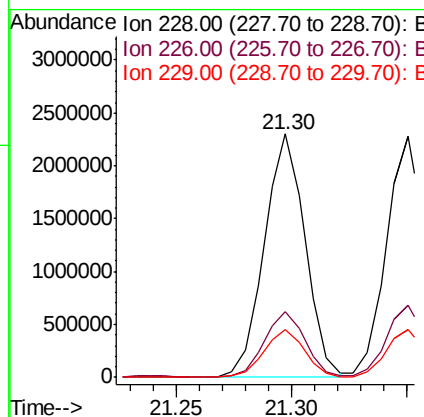
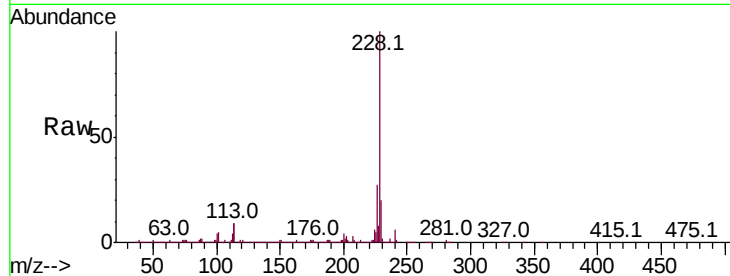
ClientSampleId :

SSTDCCC040

Tot	Ion:228	Resp: 2814997	
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.8	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 38.336 ng

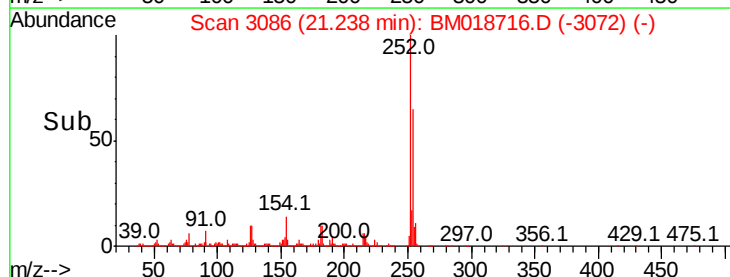
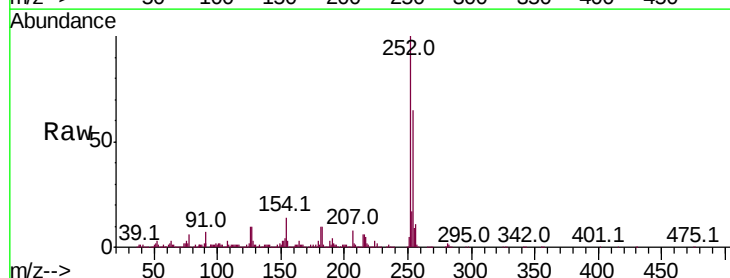
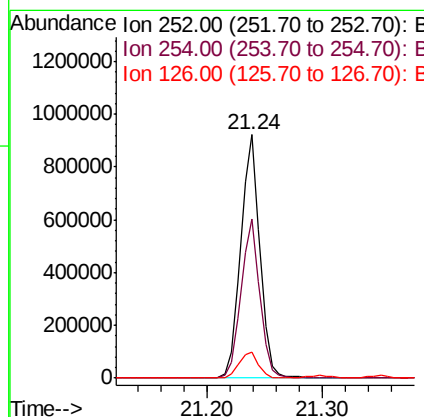
RT: 21.24 min Scan# 3086

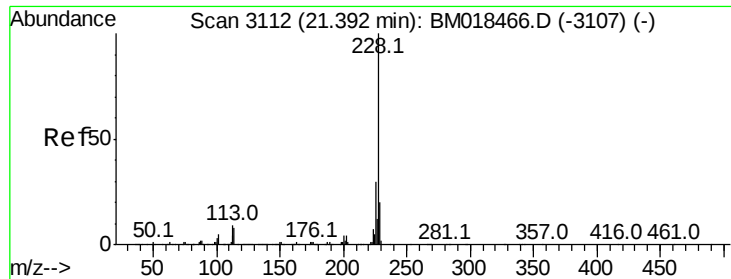
Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt	Ion:252	Resp: 1058998	
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.4	77.0
126	10.4	8.7	13.1





#83

Chrysene

Concen: 38.333 ng

RT: 21.35 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2704098

Ion Ratio Lower Upper

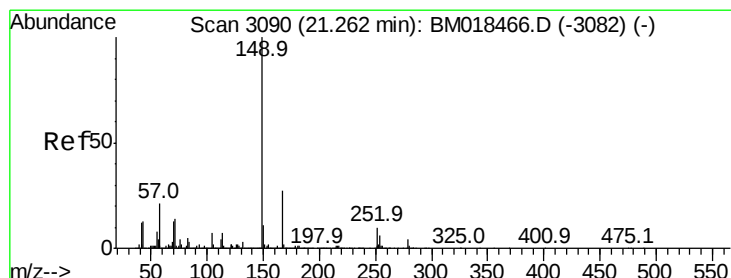
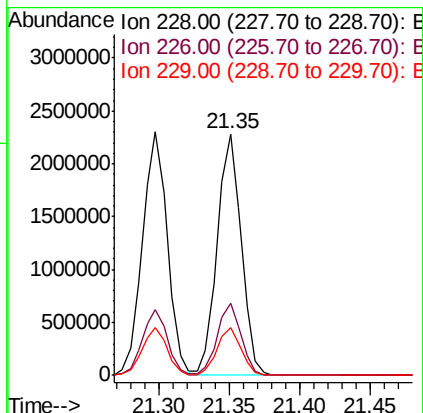
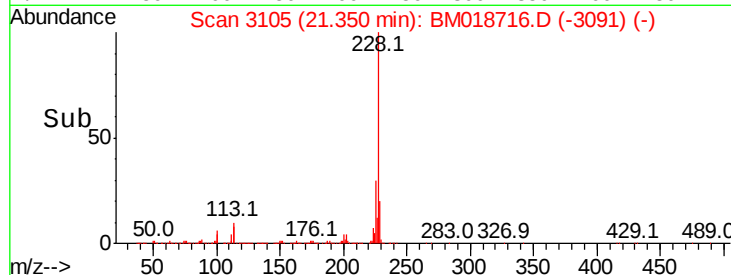
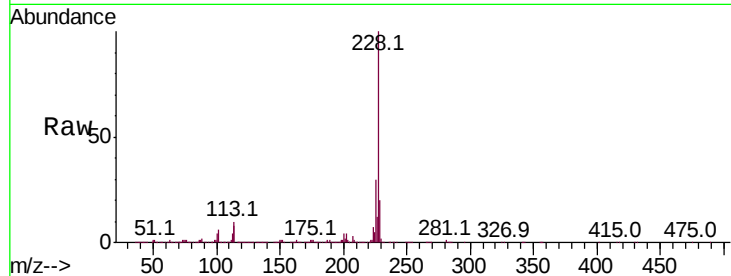
228 100

226 29.8 24.2 36.2

229 19.6 15.6 23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.108 ng

RT: 21.21 min Scan# 3082

Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

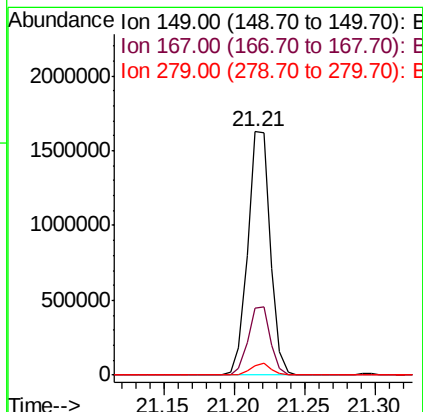
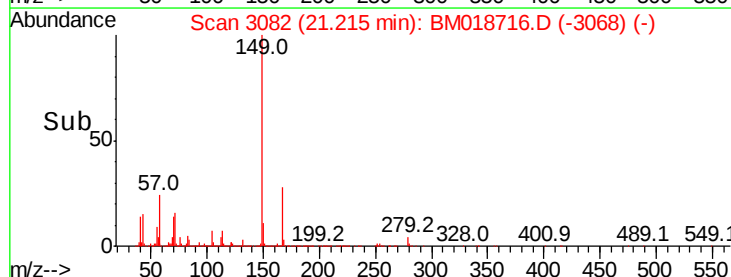
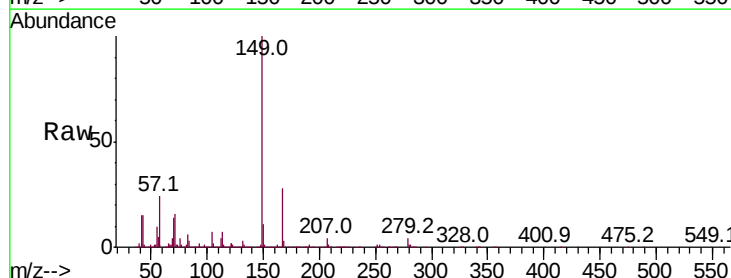
Tgt Ion:149 Resp: 1816500

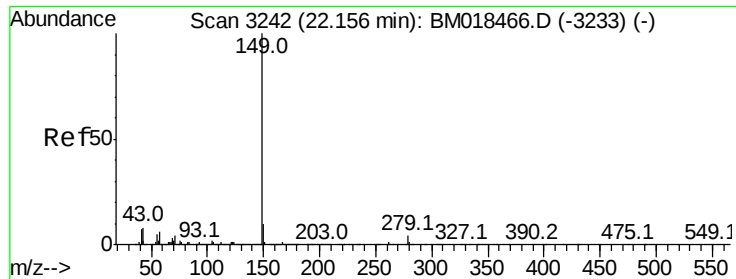
Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

279 3.8 3.3 4.9





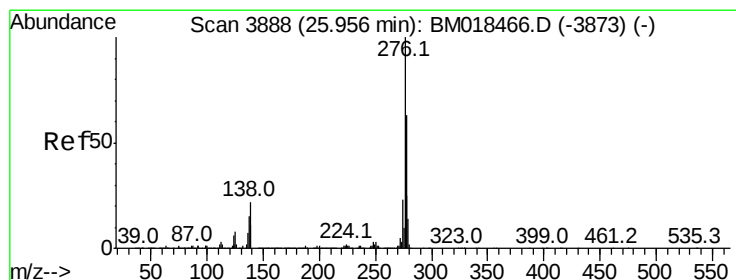
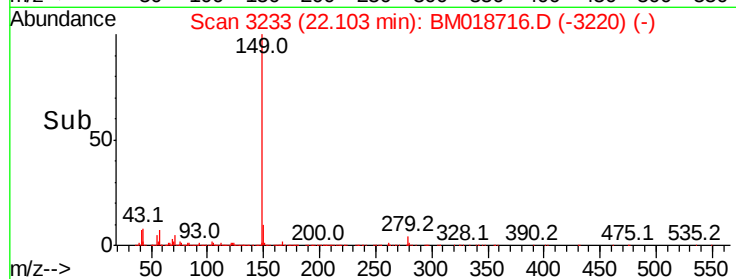
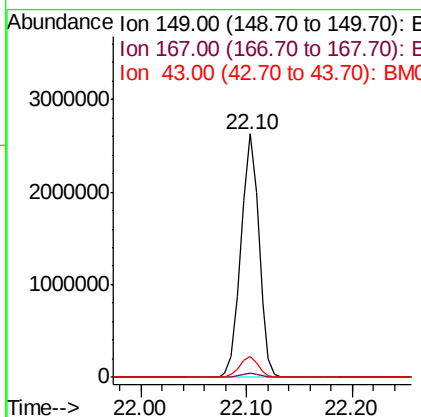
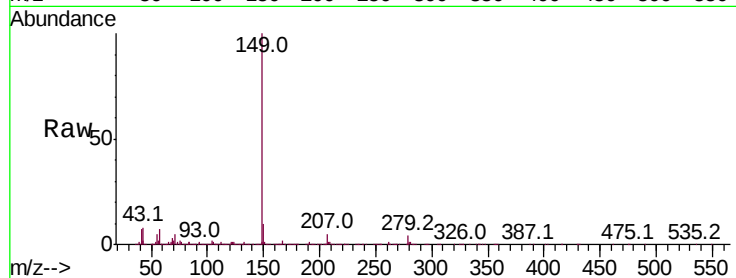
#85
Di-n-octyl phthalate
Concen: 40.387 ng
RT: 22.10 min Scan# 3233
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	8.6	12.8

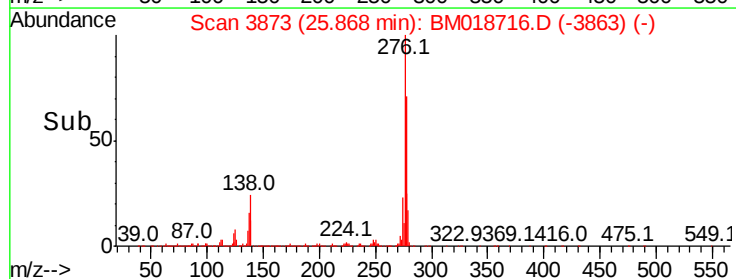
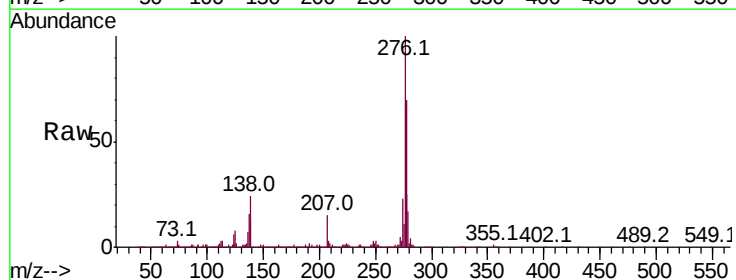
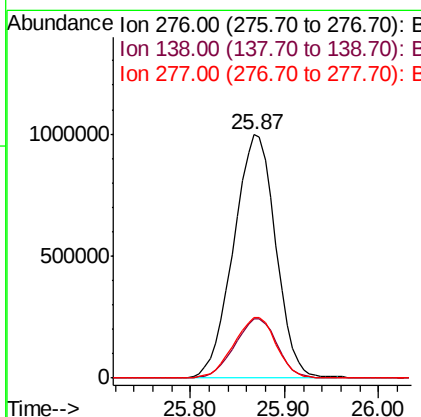
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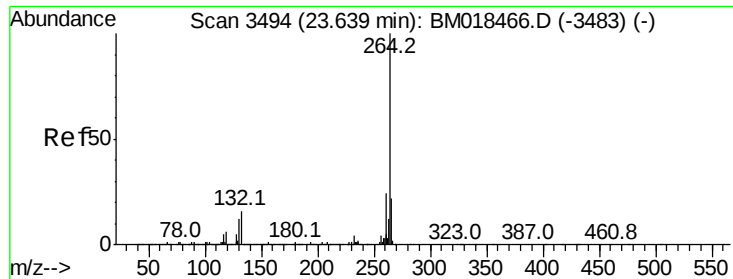
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.748 ng
RT: 25.87 min Scan# 3873
Delta R.T. -0.04 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.5	32.3
277	25.2	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. -0.03 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Instrument :

BNA_M

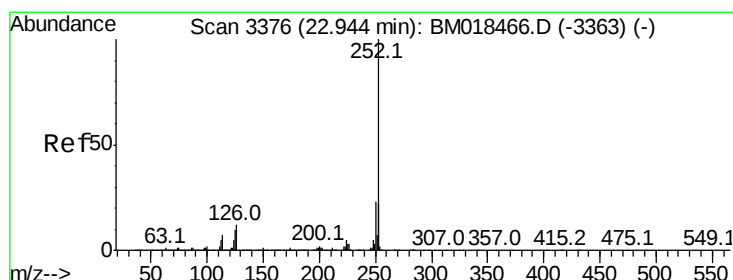
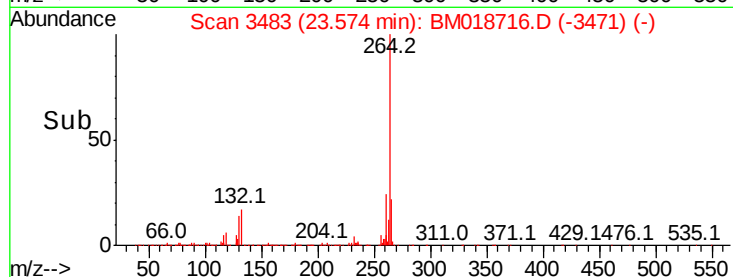
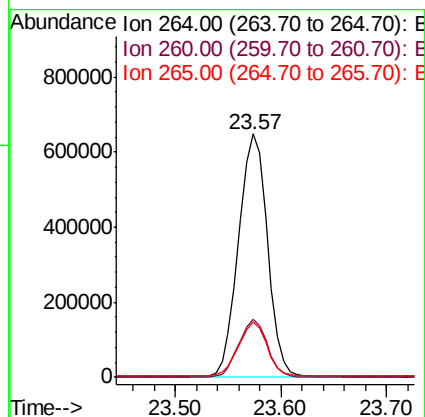
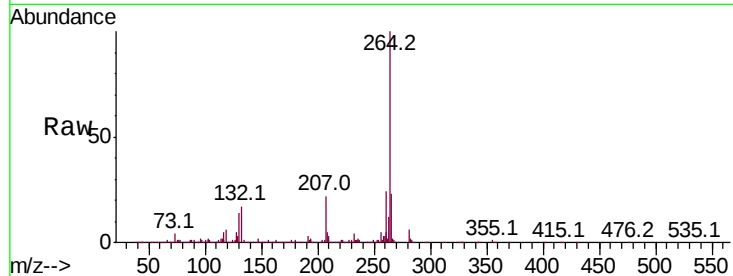
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	1236091
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	22.5	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 38.716 ng

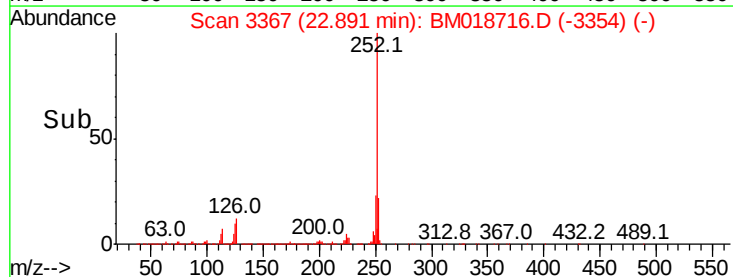
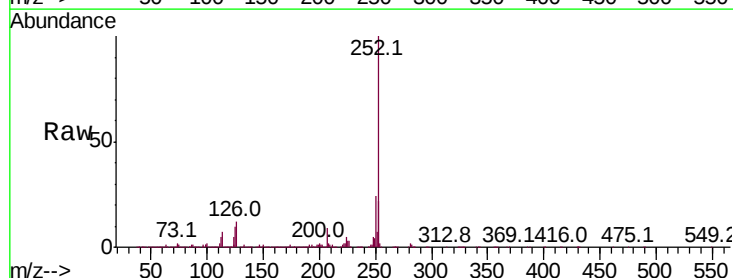
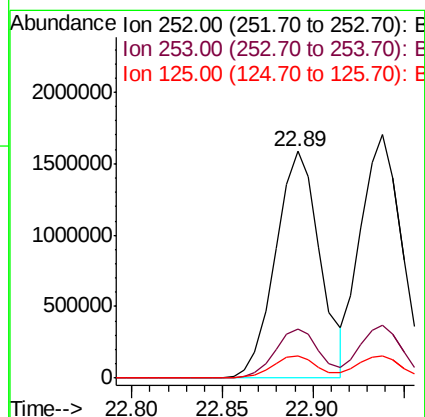
RT: 22.89 min Scan# 3367

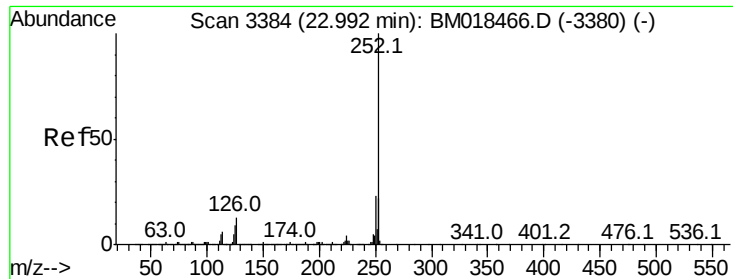
Delta R.T. -0.02 min

Lab File: BM018716.D

Acq: 04 Feb 2019 13:35

Tgt Ion:	252	Resp:	2716939
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	9.8	8.5	12.7





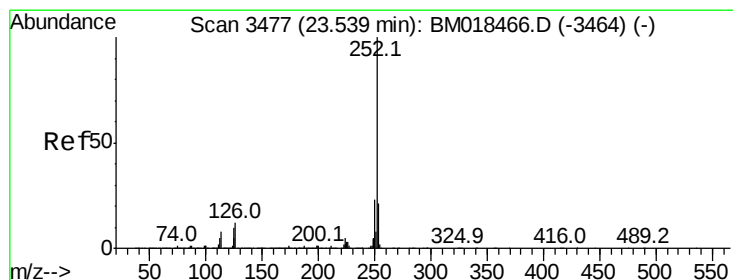
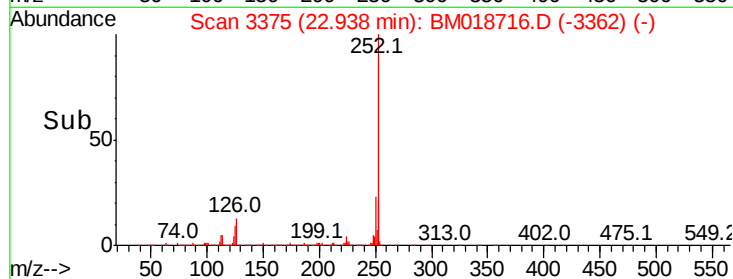
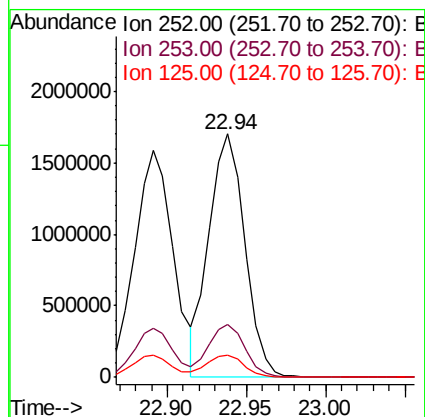
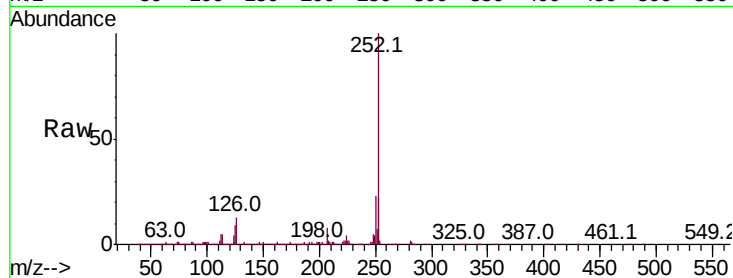
#89
Benzo(k)fluoranthene
Concen: 37.880 ng
RT: 22.94 min Scan# 3375
Delta R.T. -0.02 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.2	8.6	12.8

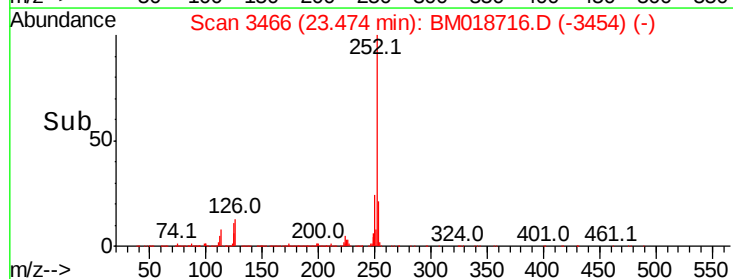
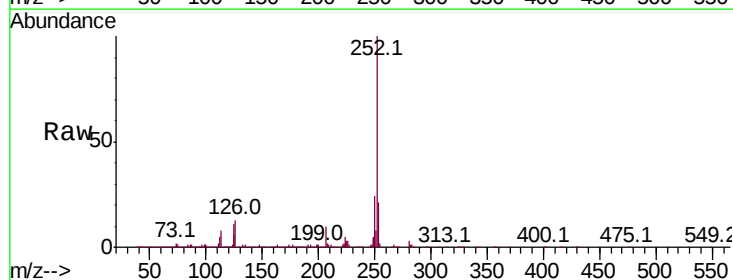
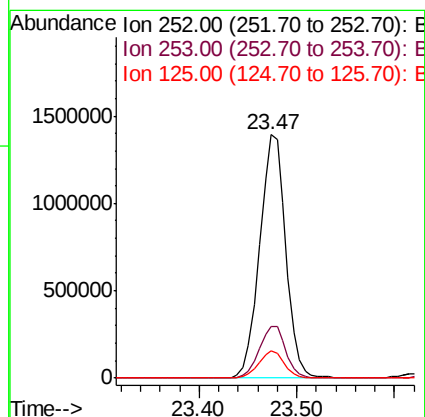
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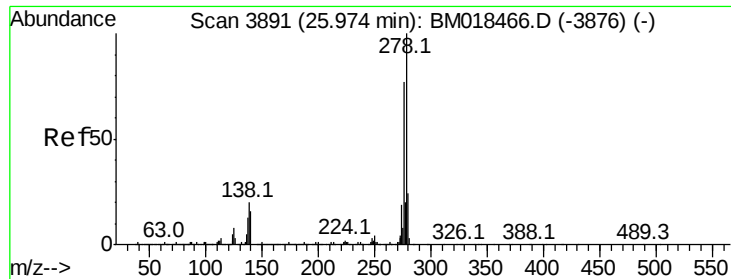
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#90
Benzo(a)pyrene
Concen: 38.708 ng
RT: 23.47 min Scan# 3466
Delta R.T. -0.03 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	11.0	9.7	14.5





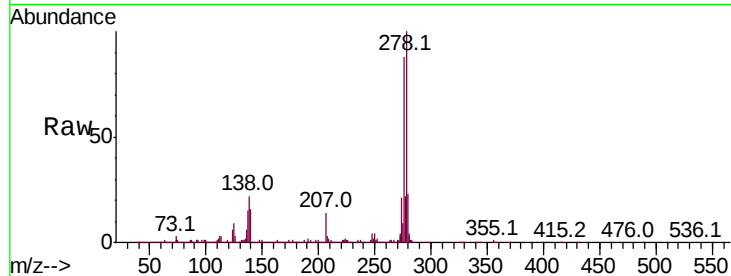
#91
Dibenzo(a,h)anthracene
Concen: 38.388 ng
RT: 25.88 min Scan# 3875
Delta R.T. -0.04 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.2	19.8
279	23.2	19.0	28.4

Manual Integrations
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mohammad
2/5/2019 8:41:01 AM

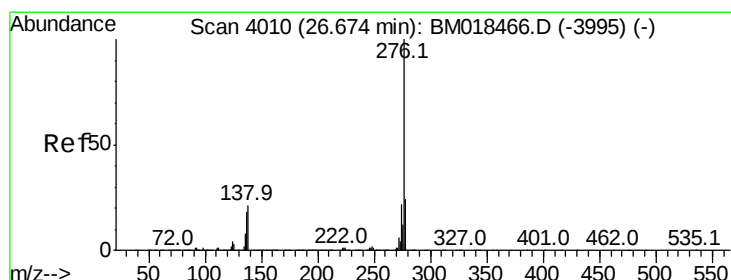
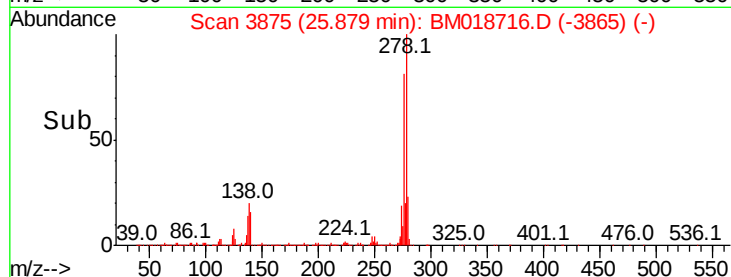
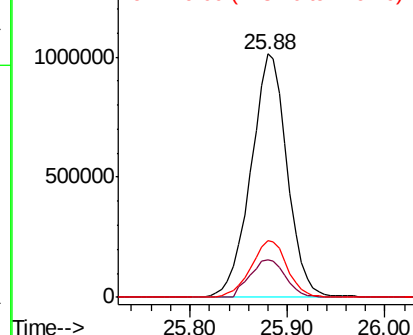


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.833 ng
RT: 26.58 min Scan# 3994
Delta R.T. -0.04 min
Lab File: BM018716.D
Acq: 04 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	19.9	18.1	27.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

