

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017871.D
 Acq On : 02 Dec 2018 00:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/3/2018 4:58:33 PM

Quant Time: Dec 03 01:19:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	319961	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1450244	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	813600	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	1621163	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	1285015	20.00	ng	-0.02
87) Perylene-d12	23.37	264	1284354	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1488025	78.49	ng	-0.03
7) Phenol-d6	6.78	99	2161643	81.64	ng	-0.02
23) Nitrobenzene-d5	8.75	82	2302790	81.97	ng	-0.03
42) 2,4,6-Tribromophenol	15.74	330	956931	81.86	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	5449338	86.89	ng	-0.03
79) Terphenyl-d14	19.63	244	5344669	94.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	265595	33.637	ng	89
3) Pyridine	3.59	79	816322	35.245	ng	87
4) n-Nitrosodimethylamine	3.51	42	351836	34.485	ng	89
6) Aniline	6.93	93	1324913	40.349	ng	98
8) 2-Chlorophenol	7.16	128	948548	41.805	ng	95
9) Benzaldehyde	6.75	77	637380	33.044	ng	96
10) Phenol	6.80	94	1129500	40.640	ng	98
11) bis(2-Chloroethyl)ether	7.03	93	914633	41.687	ng	94
12) 1,3-Dichlorobenzene	7.47	146	1060004	41.640	ng	99
13) 1,4-Dichlorobenzene	7.62	146	1084539	41.565	ng	99
14) 1,2-Dichlorobenzene	7.93	146	1060606	41.920	ng	100
15) Benzyl Alcohol	7.83	79	882792	41.864	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1043113	31.226	ng	89
17) 2-Methylphenol	8.03	107	781403	41.735	ng	97
18) Hexachloroethane	8.64	117	408528	44.423	ng	100
19) n-Nitroso-di-n-propylamine	8.40	70	804610	42.320	ng	92
20) 3+4-Methylphenols	8.37	107	1093547	42.037	ng	98
22) Acetophenone	8.41	105	1507129	41.639	ng	# 94
24) Nitrobenzene	8.79	77	1145953	40.207	ng	99
25) Isophorone	9.31	82	1818144	41.904	ng	99
26) 2-Nitrophenol	9.48	139	569026	43.343	ng	99
27) 2,4-Dimethylphenol	9.55	122	786949	41.592	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	1229678	41.845	ng	98
29) 2,4-Dichlorophenol	10.01	162	948821	43.200	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	1075442	42.100	ng	96
31) Naphthalene	10.40	128	2954343	41.433	ng	99
32) Benzoic acid	9.76	122	714442m	41.685	ng	
33) 4-Chloroaniline	10.53	127	1292725	41.398	ng	99
34) Hexachlorobutadiene	10.67	225	685822	43.246	ng	99
35) Caprolactam	11.36	113	321606m	39.762	ng	
36) 4-Chloro-3-methylphenol	11.66	107	1056159	41.650	ng	98
37) 2-Methylnaphthalene	12.02	142	2103814	41.746	ng	99
38) 1-Methylnaphthalene	12.25	142	2039890	41.282	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	1262858	44.018	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	616448	41.582	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	807114	44.914	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	827717	43.623	nq	98
46) 1,1'-Biphenyl	13.06	154	3151321	43.151	nq	99
47) 2-Chloronaphthalene	13.10	162	2365572	43.640	nq	99
48) 2-Nitroaniline	13.32	65	714505	42.623	nq	97
49) Acenaphthylene	13.95	152	3456437	42.441	nq	100
50) Dimethylphthalate	13.71	163	2782554	42.065	nq	100
51) 2,6-Dinitrotoluene	13.83	165	626373	42.525	nq	96
52) Acenaphthene	14.30	154	2095379	41.923	nq	99
53) 3-Nitroaniline	14.16	138	653655	40.760	nq	100
54) 2,4-Dinitrophenol	14.37	184	449133	52.620	nq	98
55) Dibenzofuran	14.63	168	3368899	41.245	nq	99
56) 4-Nitrophenol	14.48	139	529719	41.818	nq	99
57) 2,4-Dinitrotoluene	14.63	165	856927	43.159	nq	96
58) Fluorene	15.29	166	2602301	41.617	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	722967	41.426	nq	98
60) Diethylphthalate	15.08	149	2958263	41.390	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	1487526	41.871	nq	98
62) 4-Nitroaniline	15.34	138	610191	40.373	nq	99
63) Azobenzene	15.58	77	2778007	42.045	nq	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	509627	45.378	nq	96
66) n-Nitrosodiphenylamine	15.51	169	2422887	46.485	nq	99
67) 4-Bromophenyl-phenylether	16.19	248	884433	46.128	nq	97
68) Hexachlorobenzene	16.29	284	940236	43.500	nq	96
69) Atrazine	16.47	200	818905	42.717	nq	96
70) Pentachlorophenol	16.64	266	682245	45.048	nq	98
71) Phenanthrene	17.03	178	3682297	41.859	nq	99
72) Anthracene	17.12	178	3649338	42.632	nq	99
73) Carbazole	17.40	167	3575296	41.334	nq	100
74) Di-n-butylphthalate	17.97	149	4479292	46.519	nq	99
75) Fluoranthene	19.06	202	3599326	36.162	nq	99
77) Benzidine	19.26	184	1732258	41.397	nq	100
78) Pyrene	19.42	202	3669609	46.283	nq	100
80) Butylbenzylphthalate	20.33	149	1590485	49.389	nq	97
81) Benzo(a)anthracene	21.17	228	3135965	42.360	nq	100
82) 3,3'-Dichlorobenzidine	21.12	252	1297228	45.401	nq	99
83) Chrysene	21.23	228	3000808	41.733	nq	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	2260849	47.490	nq	99
85) Di-n-octyl phthalate	21.99	149	3460586	45.396	nq	97
86) Indeno(1,2,3-cd)pyrene	25.55	276	3519537	61.253	nq	100
88) Benzo(b)fluoranthene	22.73	252	2993410	39.798	nq	100
89) Benzo(k)fluoranthene	22.77	252	2981551	39.219	nq	99
90) Benzo(a)pyrene	23.28	252	2902602	42.323	nq	99
91) Dibenzo(a,h)anthracene	25.56	278	3009665	52.200	nq	99
92) Benzo(g,h,i)perylene	26.21	276	2913791	53.741	nq	100

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

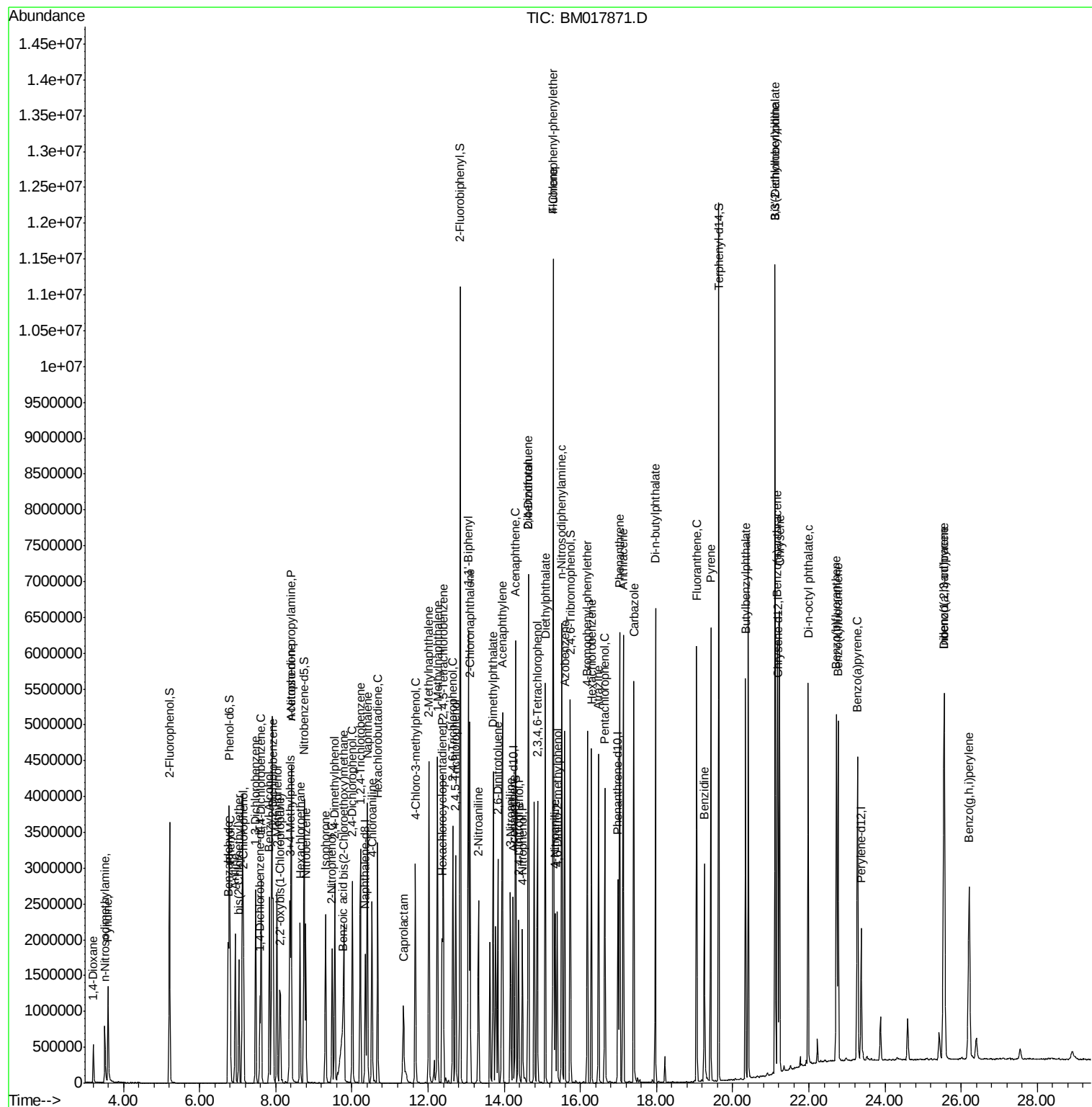
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
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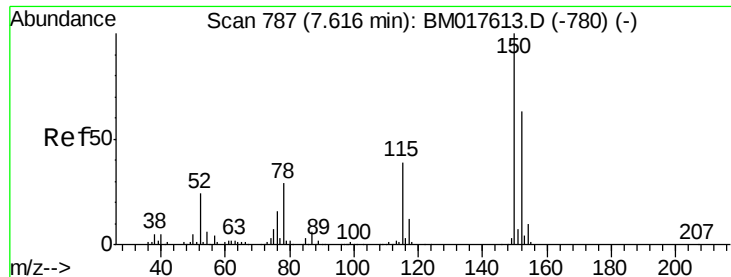
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

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#1

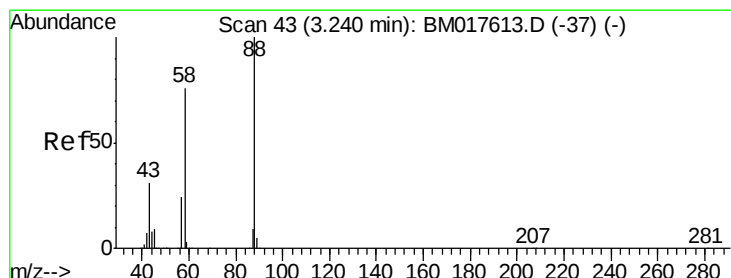
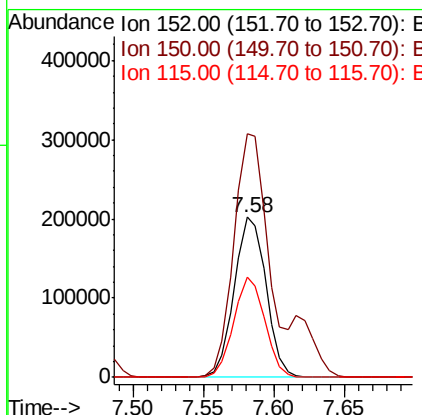
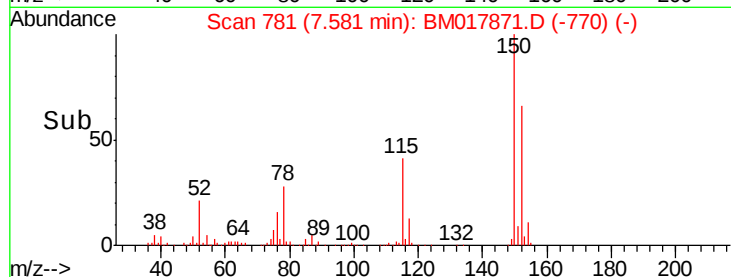
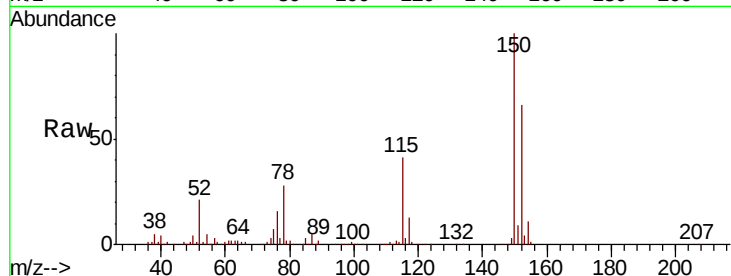
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.4	189.6
115	62.5	49.4	74.0

Manual Integrations
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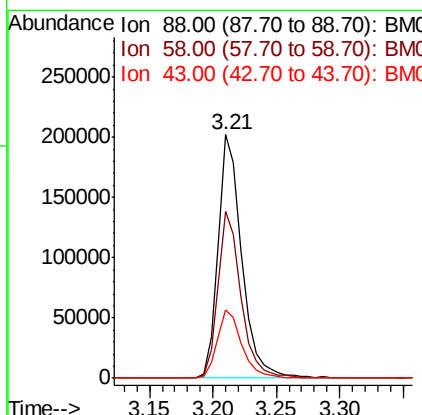
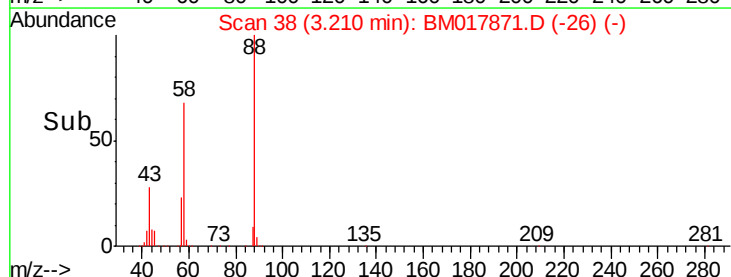
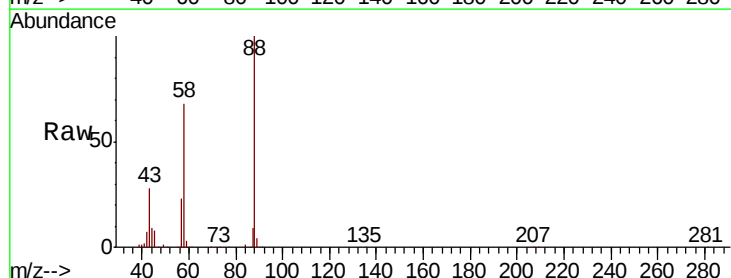
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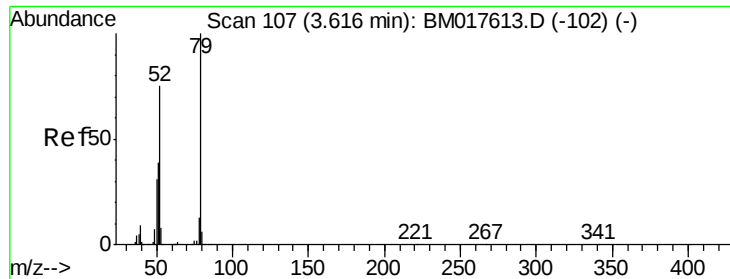


#2

1,4-Dioxane
Concen: 33.637 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	62.0	93.0
43	29.2	26.8	40.2





#3

Pvridine

Concen: 35.245 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.02 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

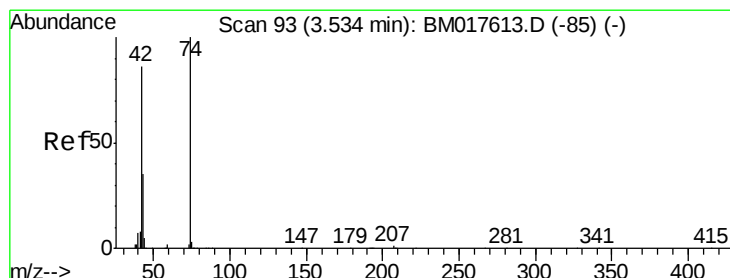
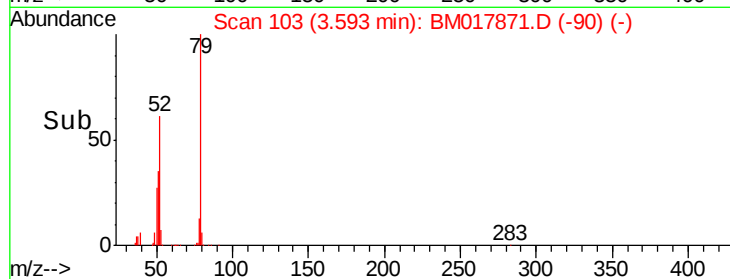
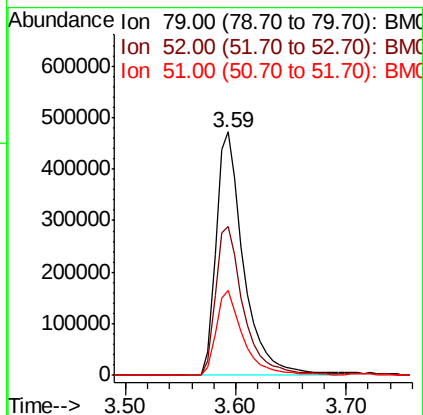
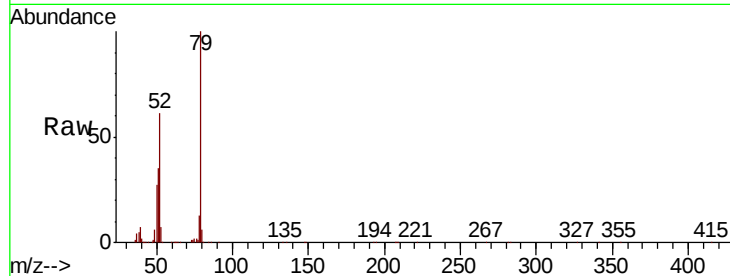
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	816322
Ion Ratio	Lower	Upper	
79	100		
52	61.1	60.1	90.1
51	34.7	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 34.485 ng

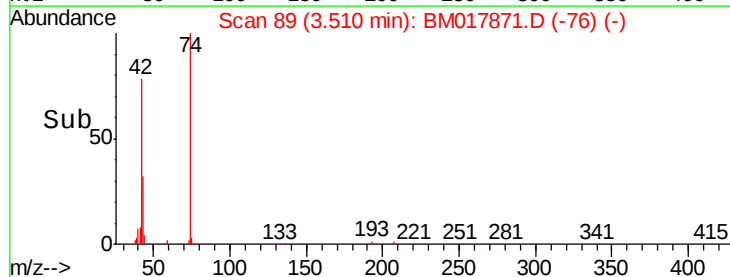
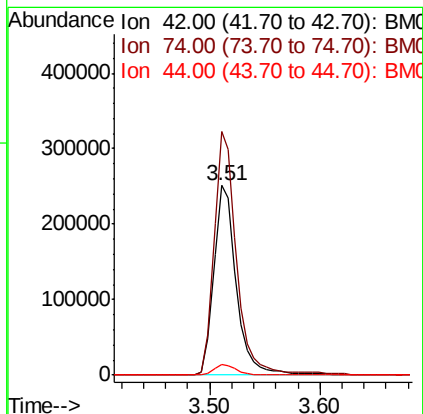
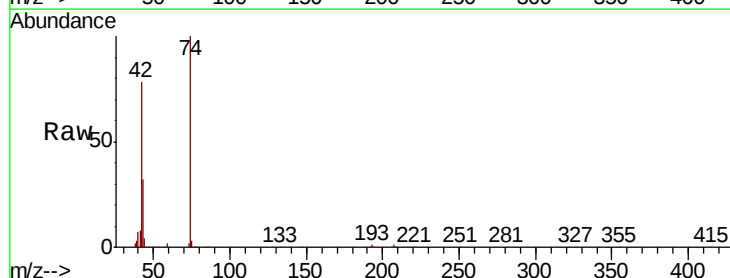
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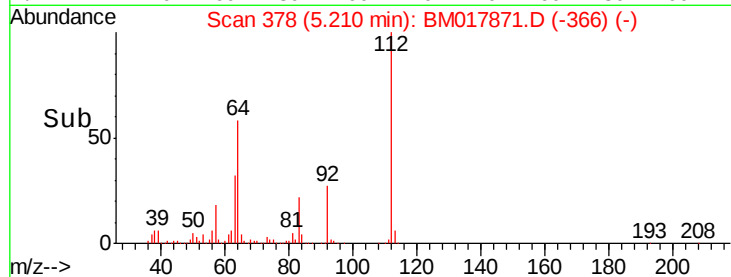
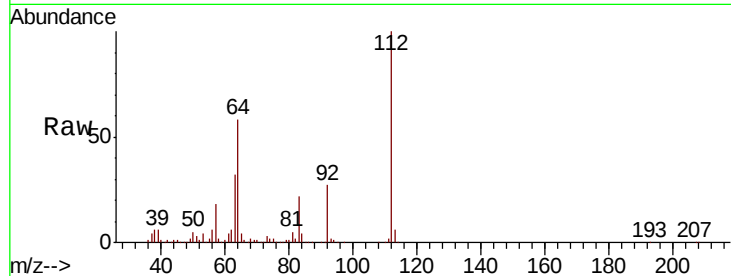
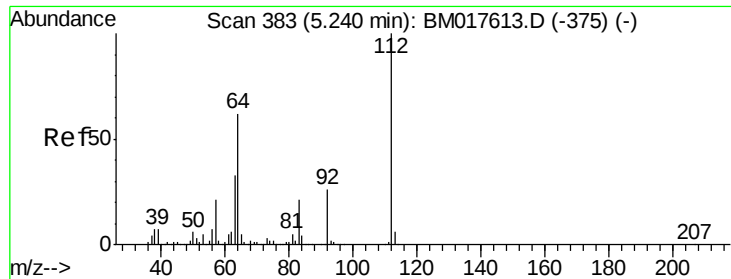
Delta R.T. -0.02 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion:	42	Resp:	351836
Ion Ratio	Lower	Upper	
42	100		
74	128.6	93.1	139.7
44	5.4	5.0	7.6





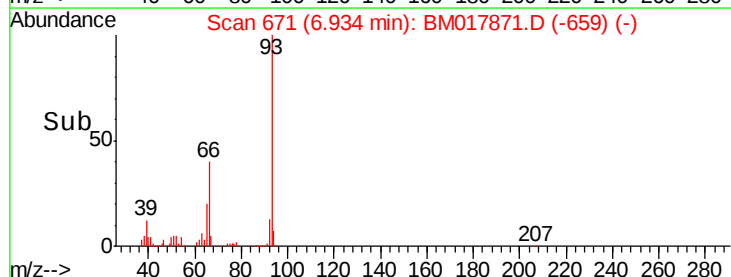
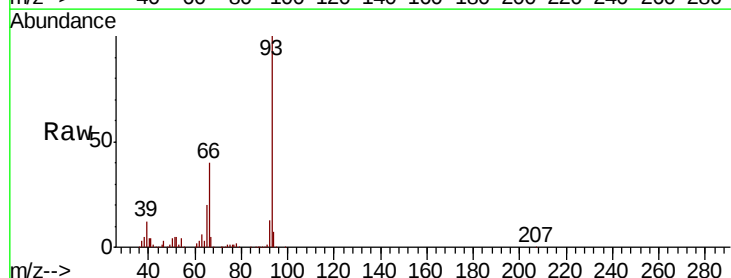
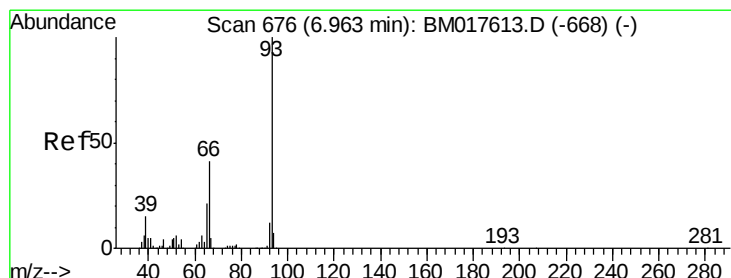
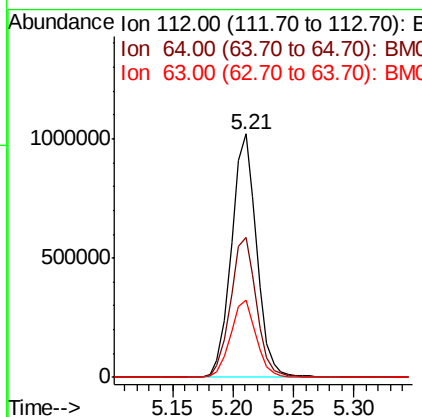
#5
2-Fluorophenol
Concen: 78.486 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.3	73.9
63	31.8	26.2	39.4

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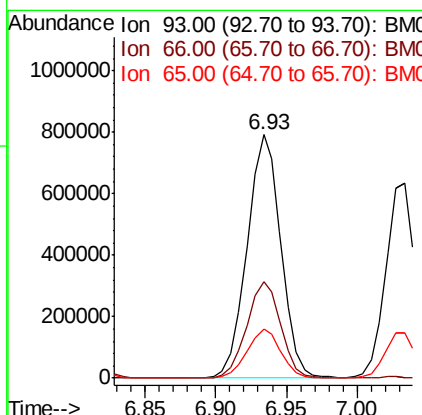
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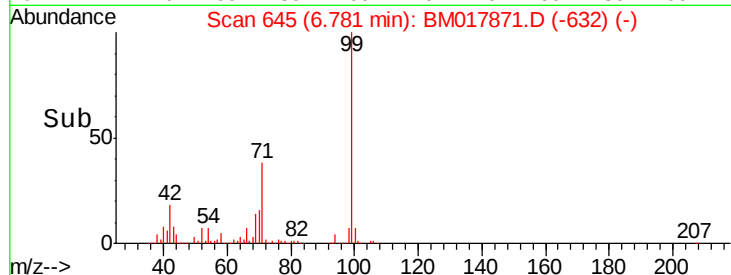
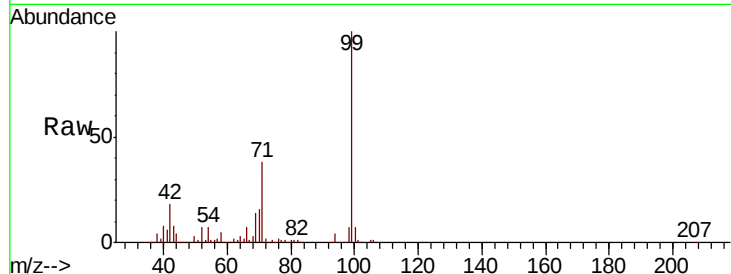
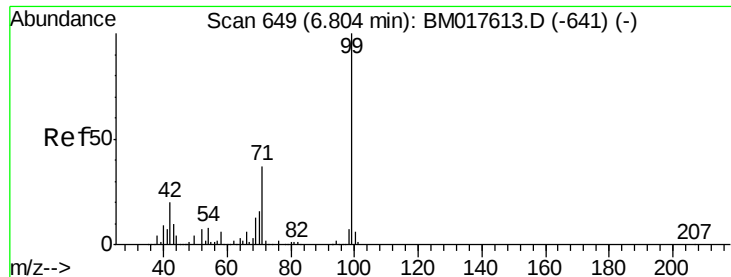
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#6
Aniline
Concen: 40.349 ng
RT: 6.93 min Scan# 671
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.8	49.2
65	20.1	16.6	25.0





#7

Phenol-d6

Concen: 81.636 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tot Ion:	99	Resp:	2161643
Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	37.9	29.8	44.8

Instrument :

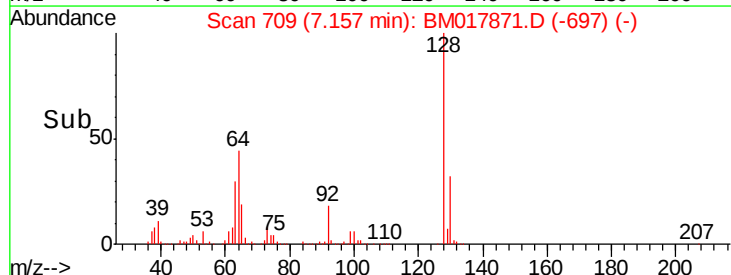
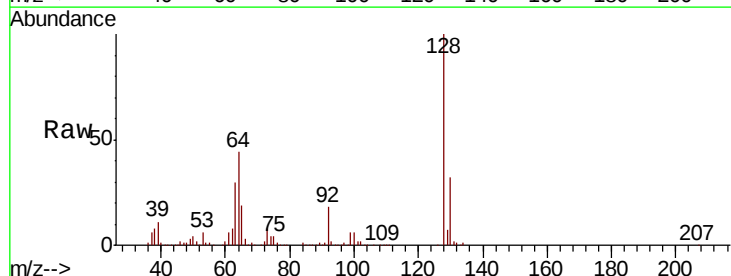
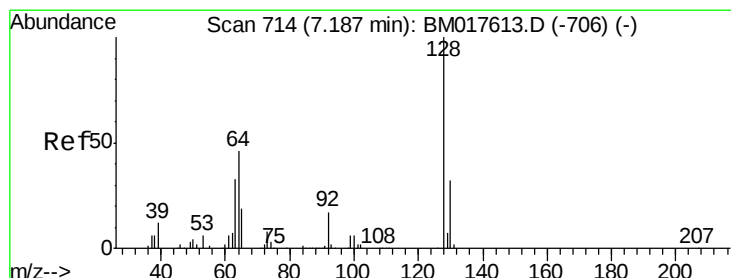
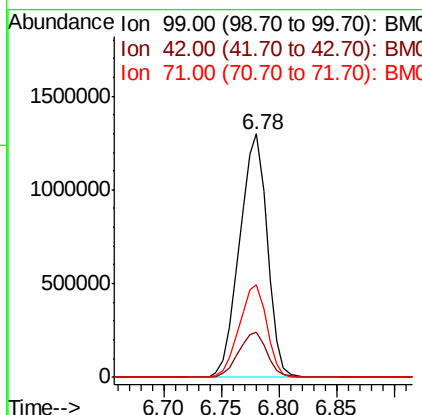
BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.805 ng

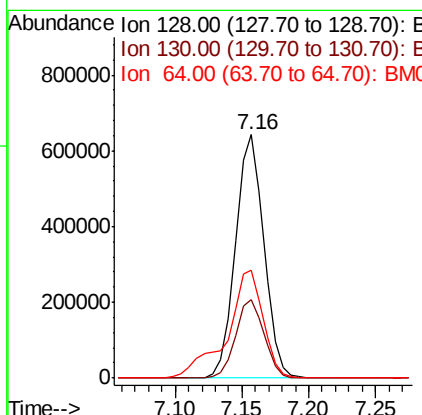
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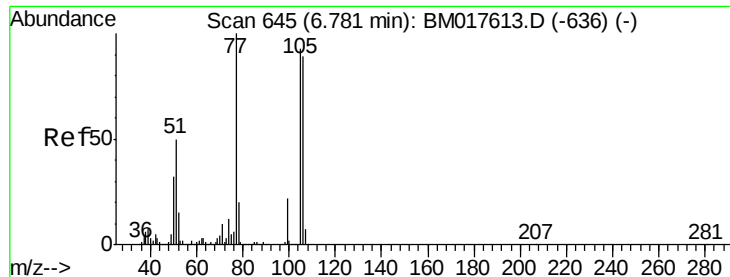
Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion:	128	Resp:	948548
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.4	52.4
64	44.3	30.0	70.0





#9

Benzaldehyde

Concen: 33.044 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

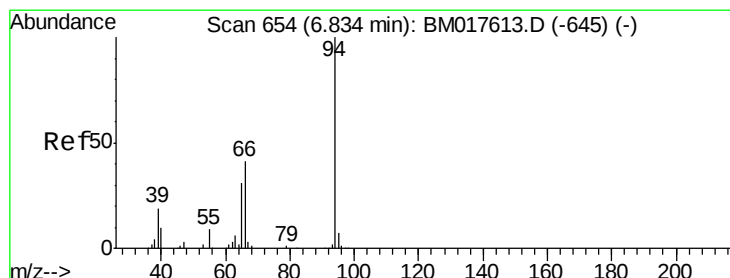
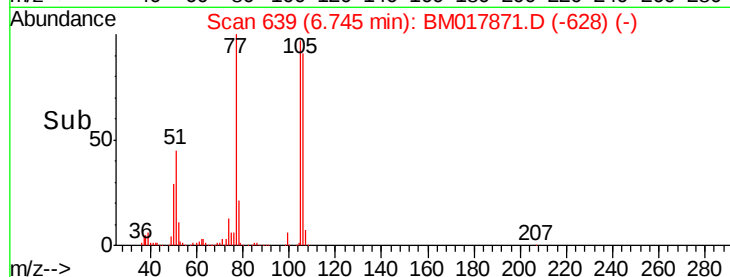
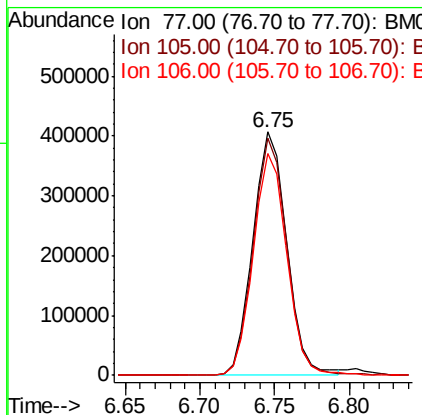
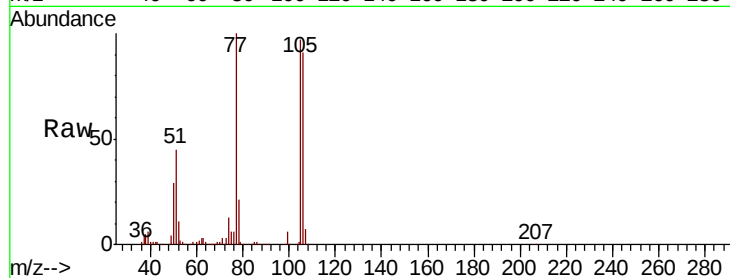
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	637380
Ion	Ratio	Lower	Upper
77	100		
105	97.2	72.7	112.7
106	91.1	68.9	108.9

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#10

Phenol

Concen: 40.640 ng

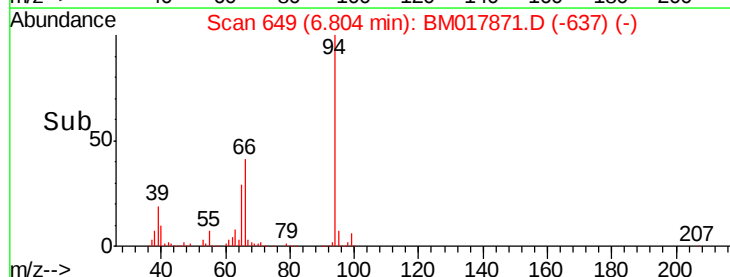
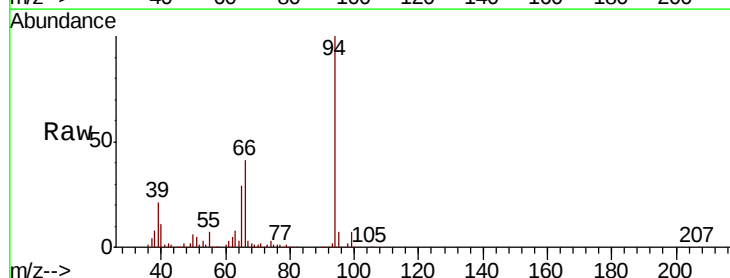
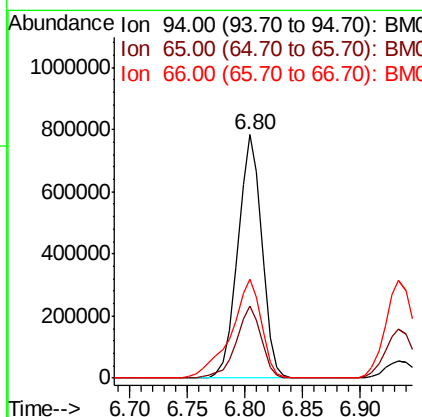
RT: 6.80 min Scan# 649

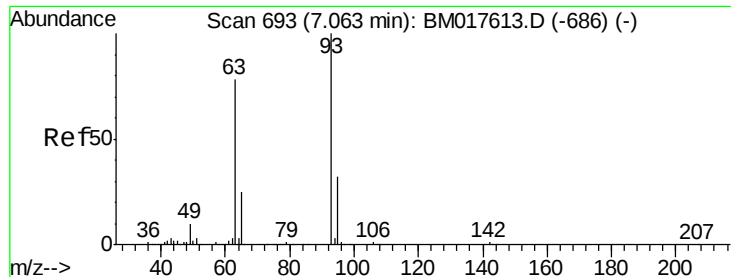
Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion:	94	Resp:	1129500
Ion	Ratio	Lower	Upper
94	100		
65	29.4	11.4	51.4
66	40.8	21.4	61.4





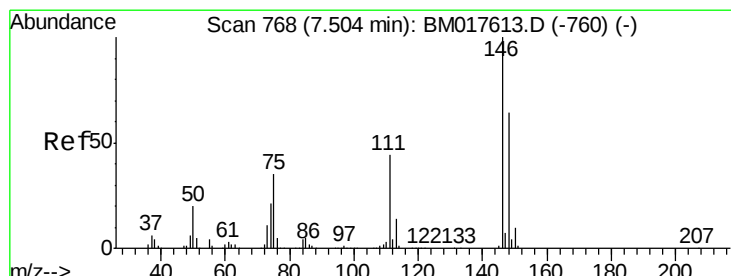
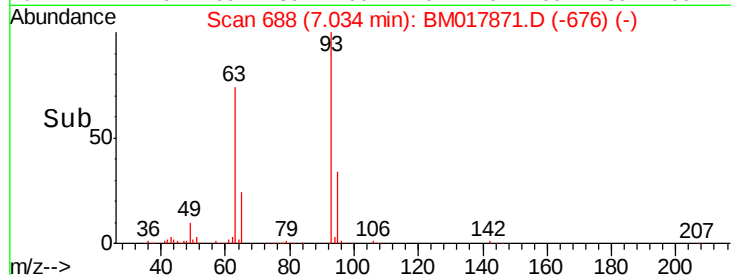
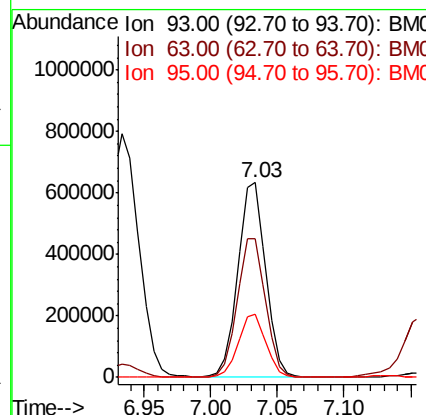
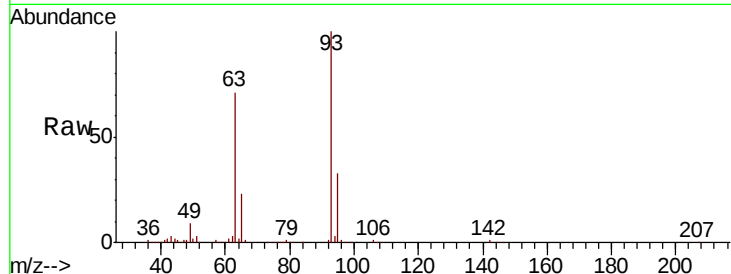
#11
bis(2-Chloroethyl)ether
Concen: 41.687 ng
RT: 7.03 min Scan# 688
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	57.9	97.9
95	32.7	12.3	52.3

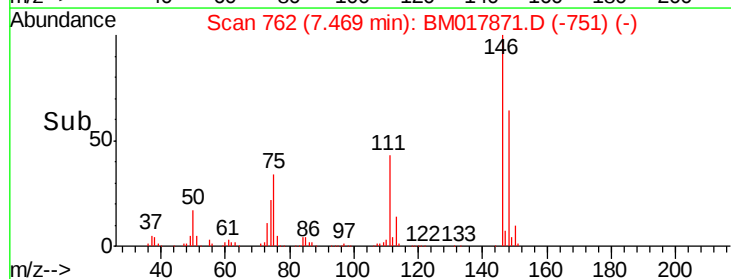
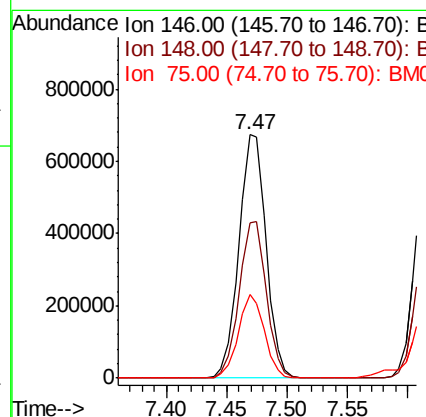
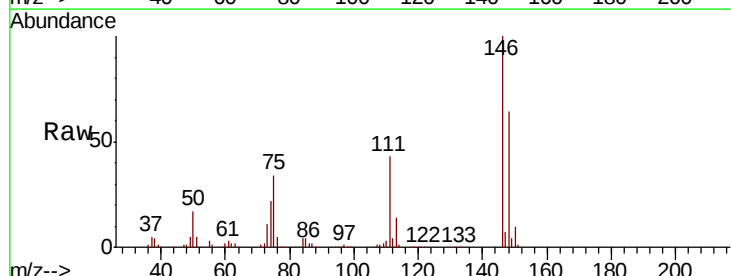
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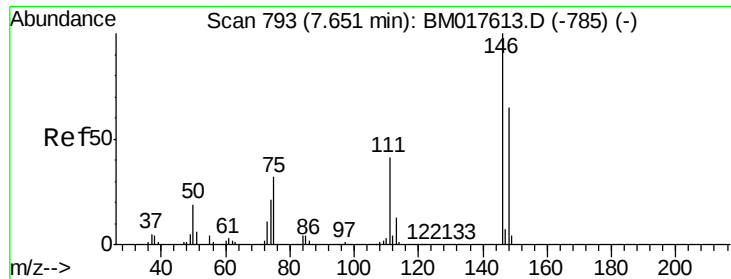
mohammad
12/3/2018 4:58:33 PM



#12
1,3-Dichlorobenzene
Concen: 41.640 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	34.2	28.2	42.2





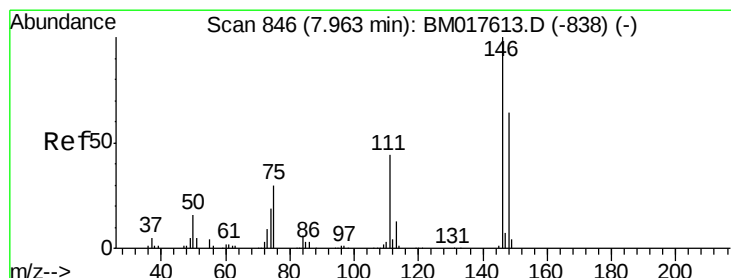
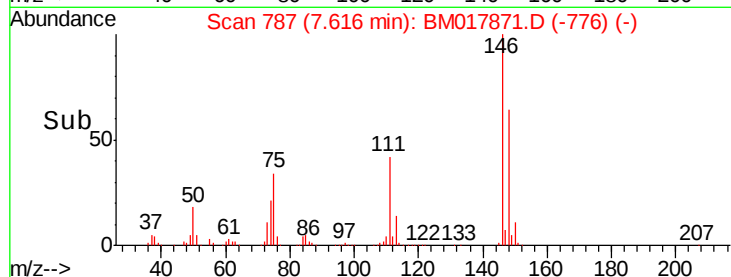
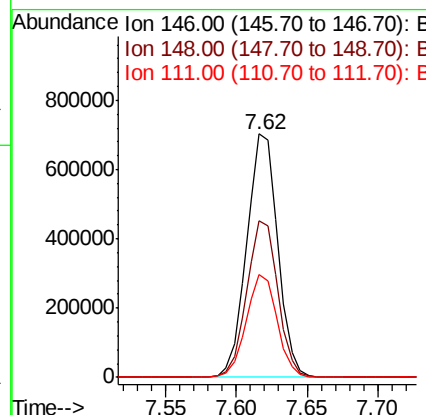
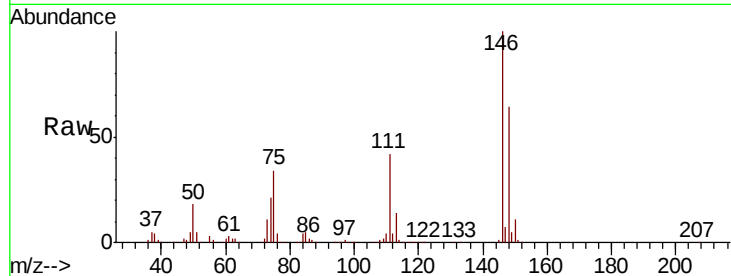
#13
 1,4-Dichlorobenzene
 Concen: 41.565 ng
 RT: 7.62 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	42.4	33.2	49.8

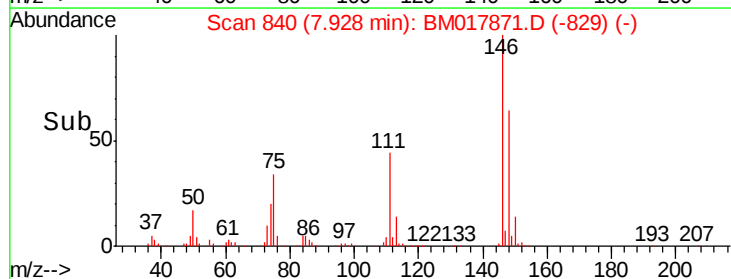
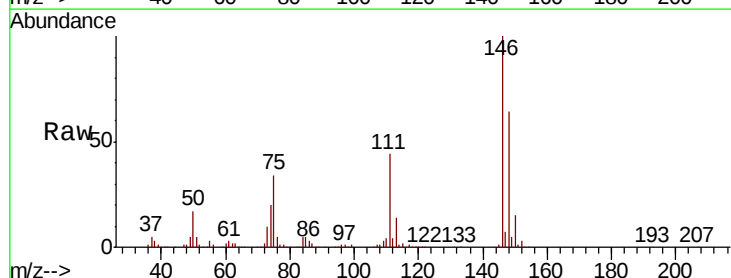
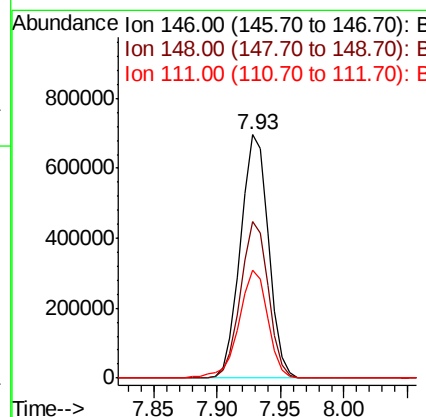
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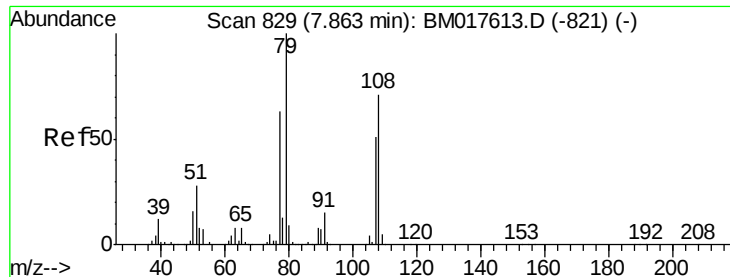
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.920 ng
 RT: 7.93 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	44.5	35.8	53.8





#15

Benzyl Alcohol

Concen: 41.864 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

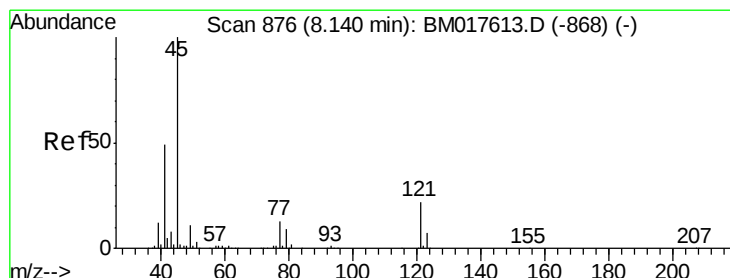
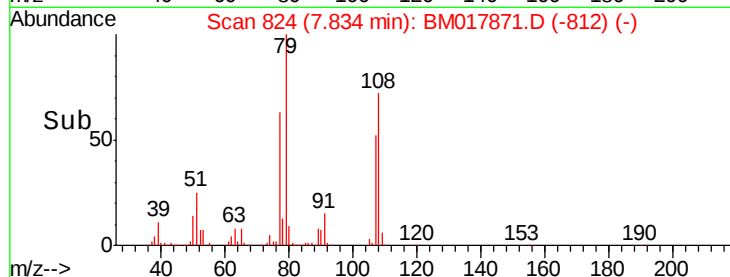
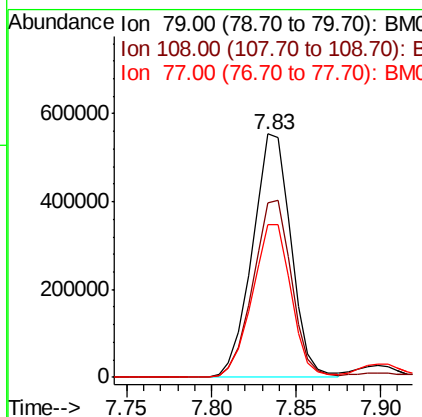
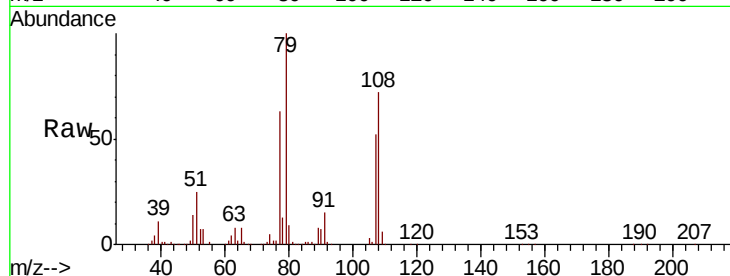
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	882792
Ion	Ratio	Lower	Upper
79	100		
108	71.7	57.1	85.7
77	62.6	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.226 ng

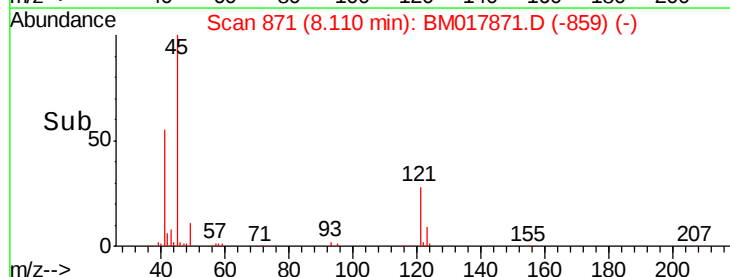
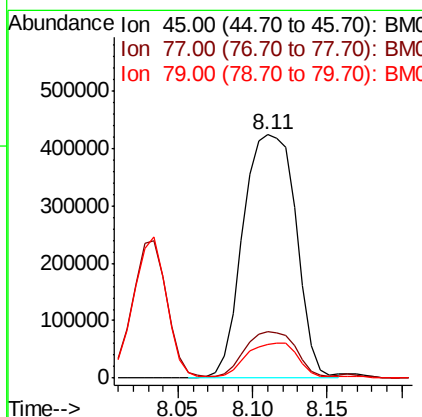
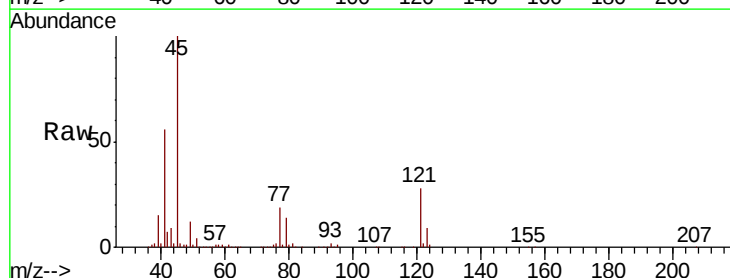
RT: 8.11 min Scan# 871

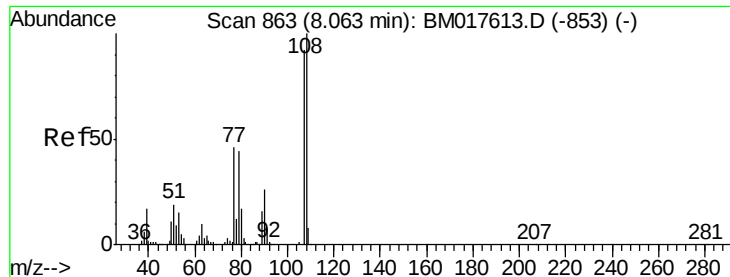
Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion:	45	Resp:	1043113
Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	34.2
79	14.1	0.0	30.5





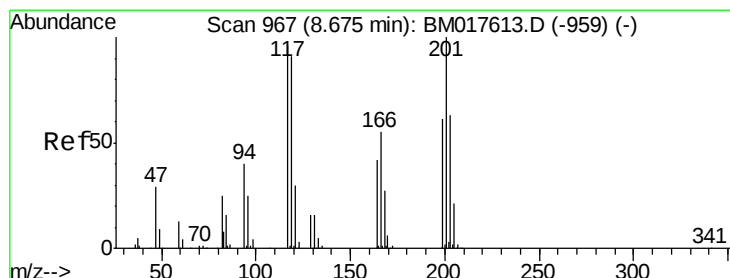
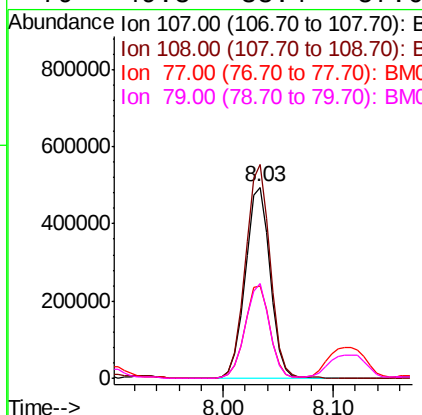
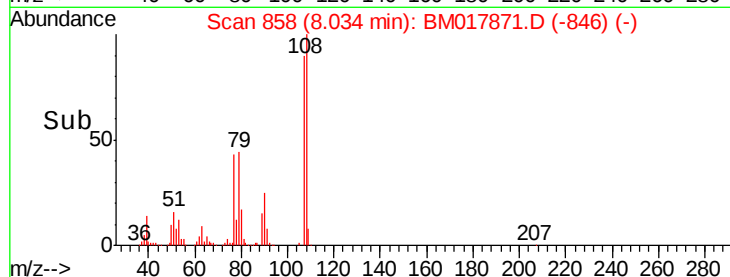
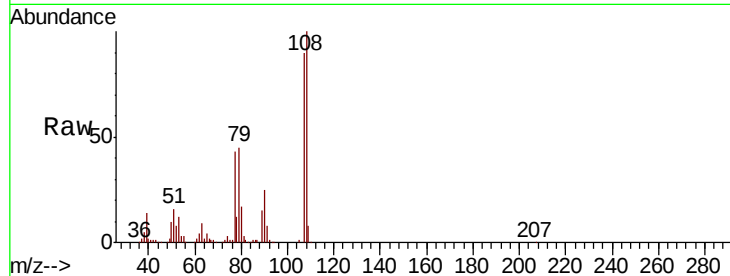
#17
2-Methylphenol
Concen: 41.735 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	86.7	130.1	
77	48.3	39.8	59.6	
79	49.8	38.4	57.6	

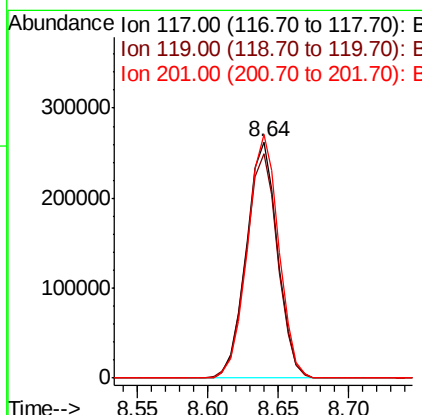
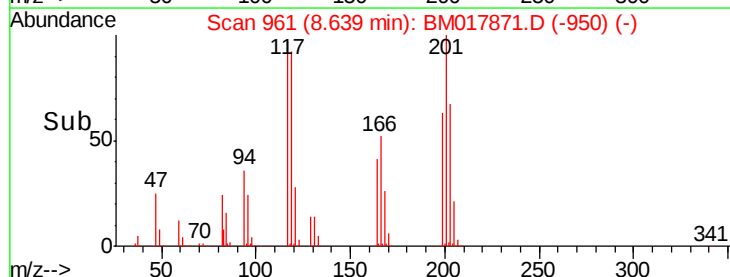
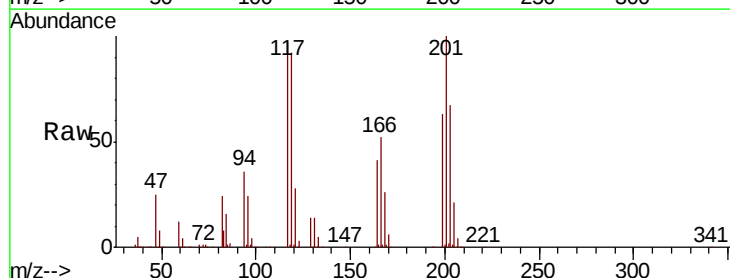
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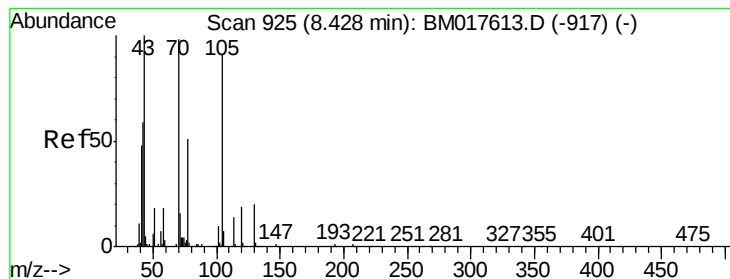
mohammad
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#18
Hexachloroethane
Concen: 44.423 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.8	113.8	
201	103.0	83.0	124.4	





#19

n-Nitroso-di-n-propylamine

Concen: 42.320 ng

RT: 8.40 min Scan# 920

Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 804610

Ion Ratio Lower Upper

70 100

42 52.9 48.6 73.0

101 9.8 7.9 11.9

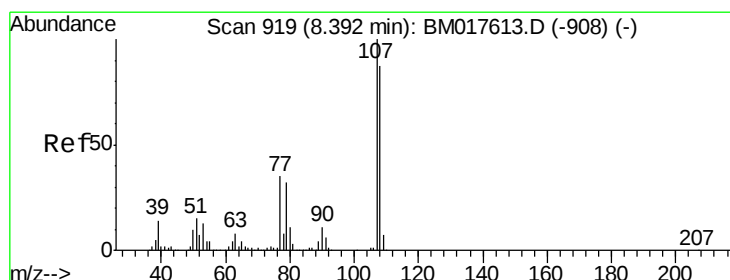
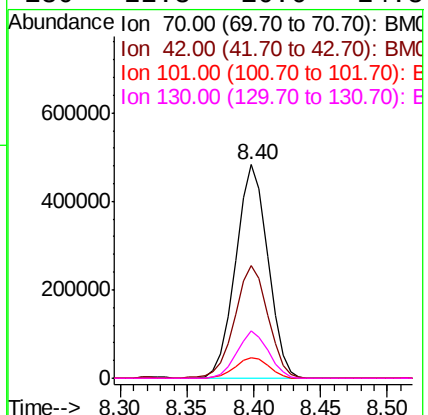
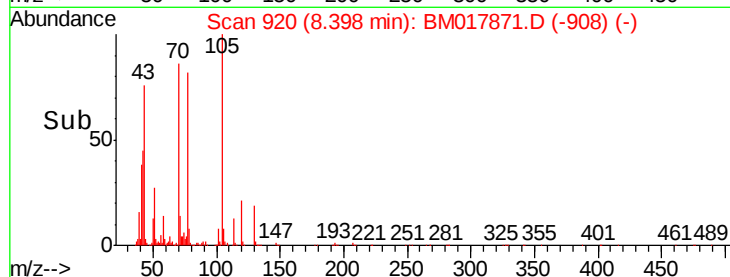
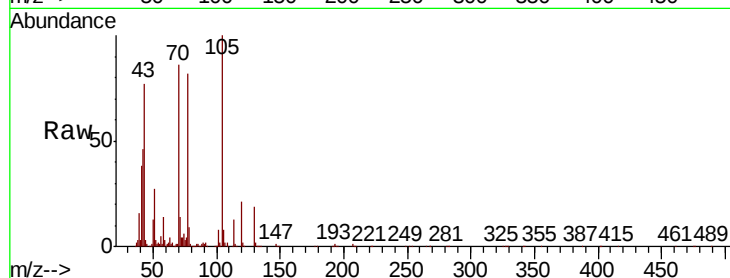
130 22.3 16.6 24.8

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#20

3+4-Methylphenols

Concen: 42.037 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.02 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion: 107 Resp: 1093547

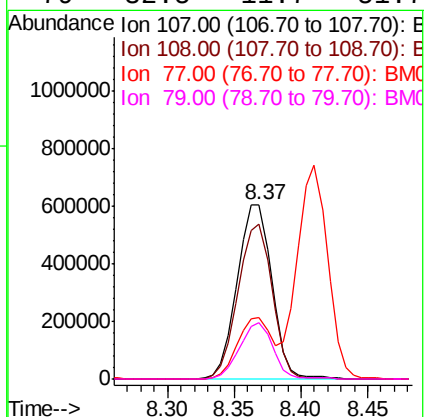
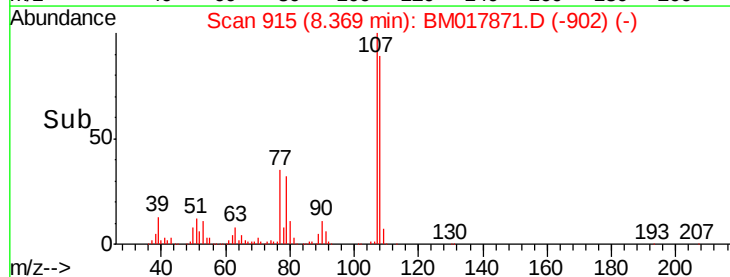
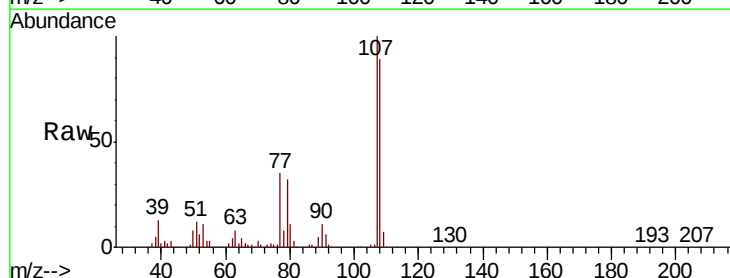
Ion Ratio Lower Upper

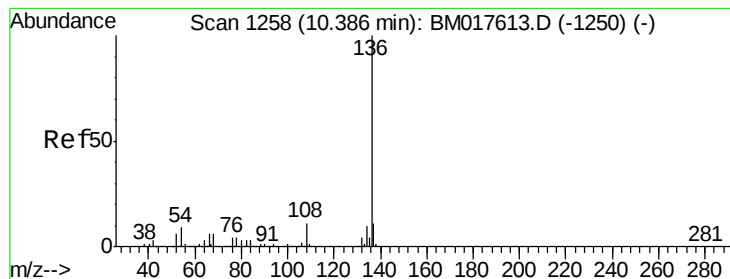
107 100

108 89.2 67.0 107.0

77 35.0 15.6 55.6

79 32.5 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1450244

Ion Ratio Lower Upper

136 100

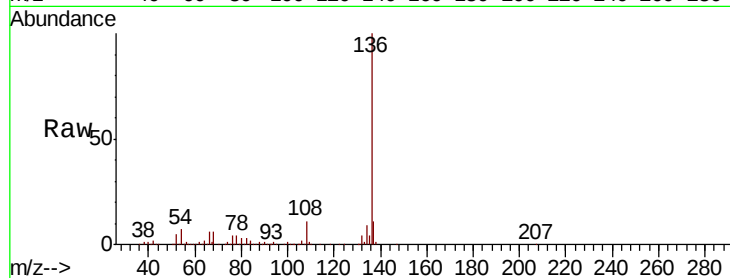
137 10.8 8.6 12.8

54 7.4 7.0 10.6

68 5.9 4.9 7.3

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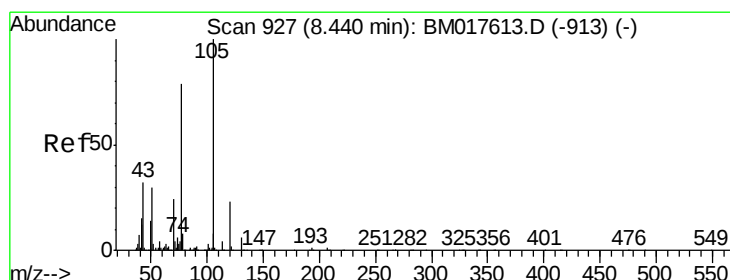
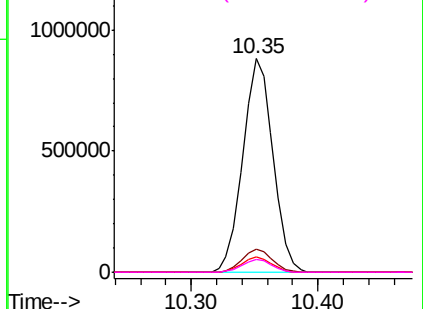
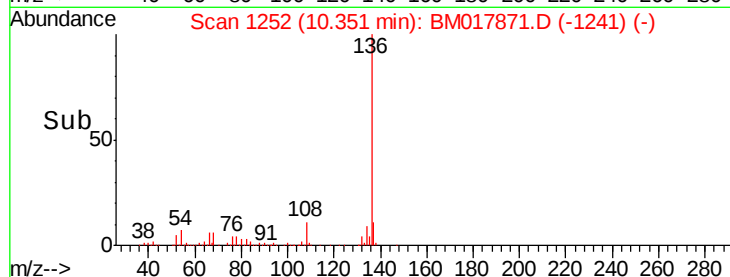


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.639 ng

RT: 8.41 min Scan# 922

Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion:105 Resp: 1507129

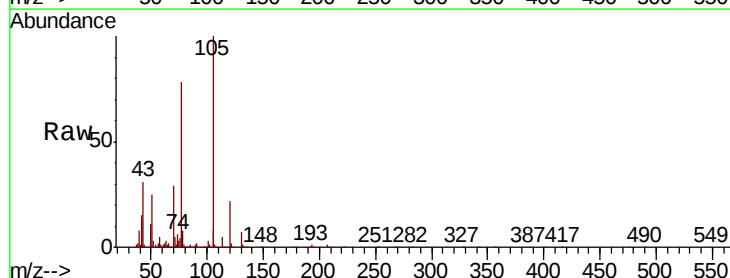
Ion Ratio Lower Upper

105 100

71 4.7 3.1 4.7#

51 25.0 23.8 35.8

120 21.6 18.0 27.0

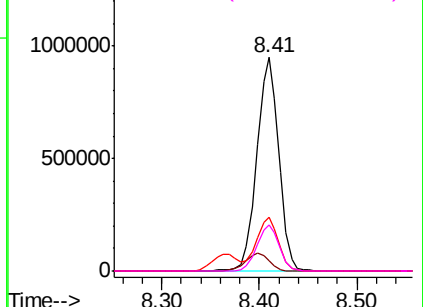
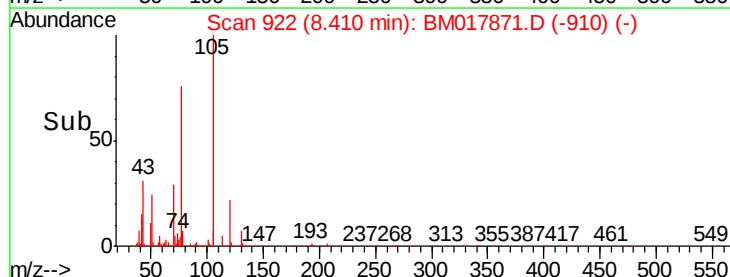


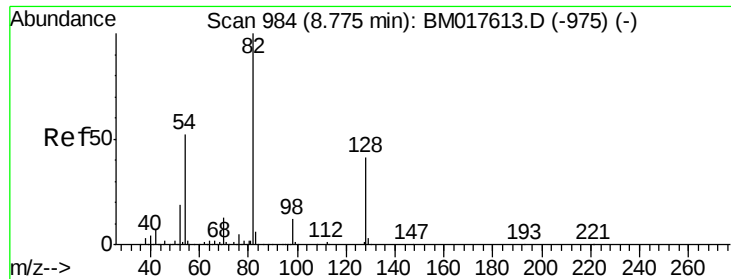
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





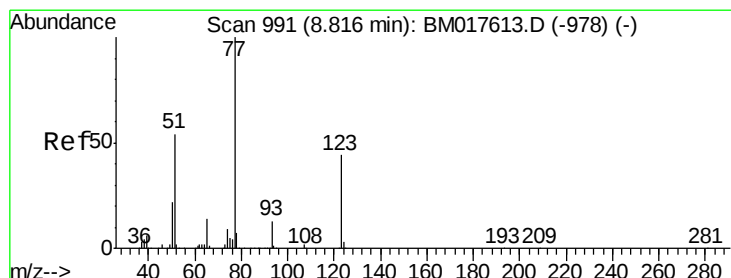
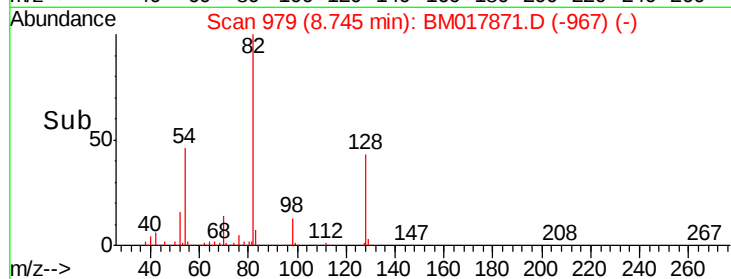
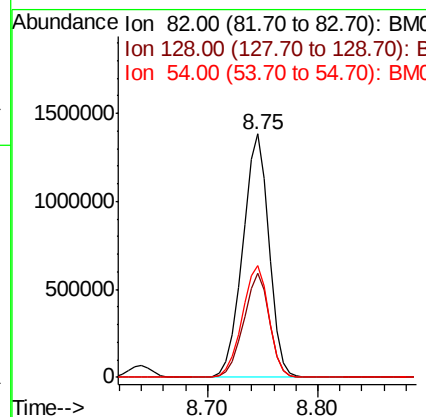
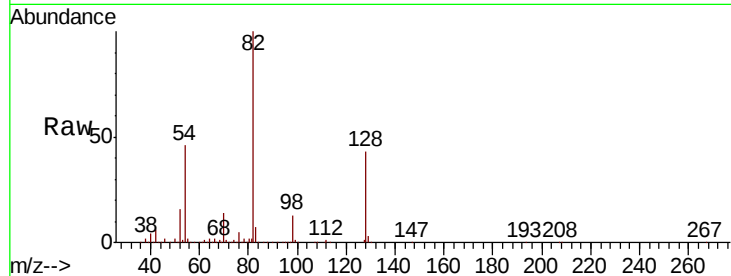
#23
 Nitrobenzene-d5
 Concen: 81.974 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	45.8	41.4	62.2

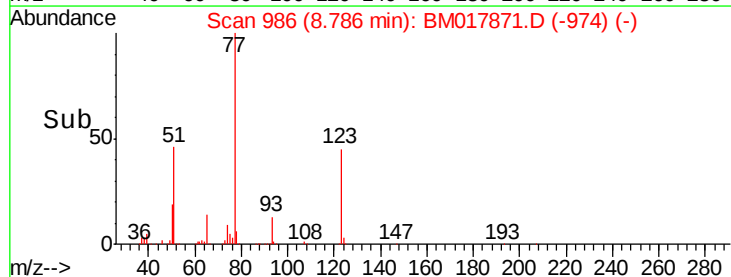
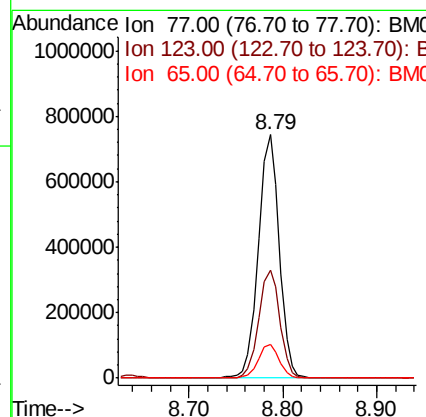
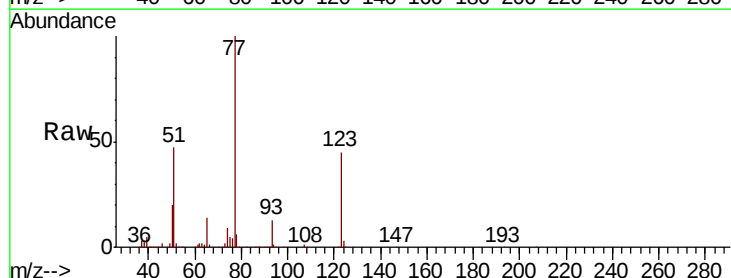
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#24
 Nitrobenzene
 Concen: 40.207 ng
 RT: 8.79 min Scan# 986
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.1	52.7
65	13.6	11.0	16.6





#25

Isophorone

Concen: 41.904 ng

RT: 9.31 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

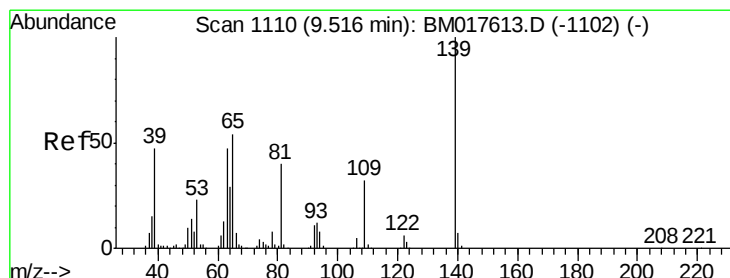
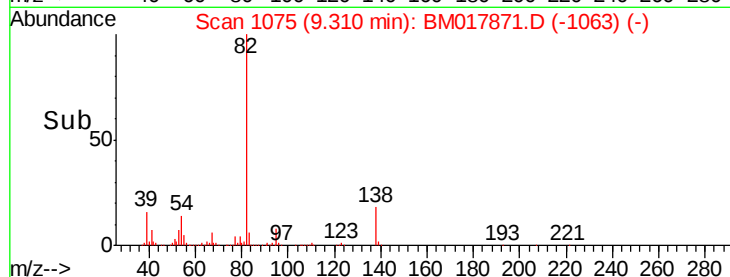
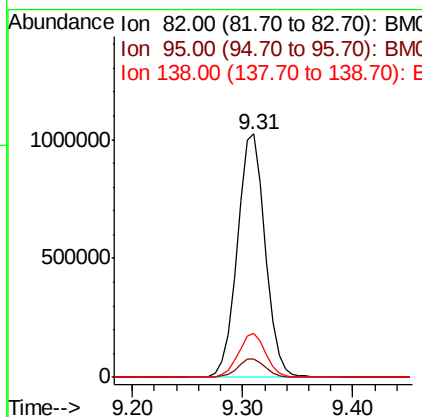
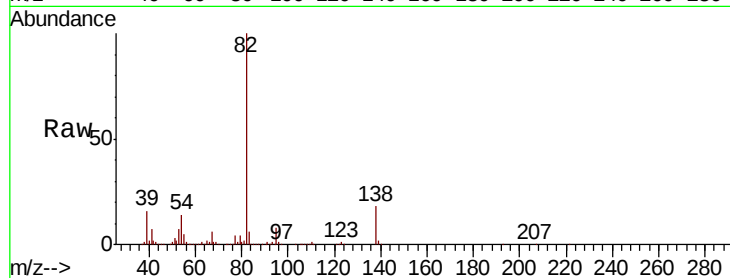
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1818144
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.1	9.1
138	18.1	13.9	20.9

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#26

2-Nitrophenol

Concen: 43.343 ng

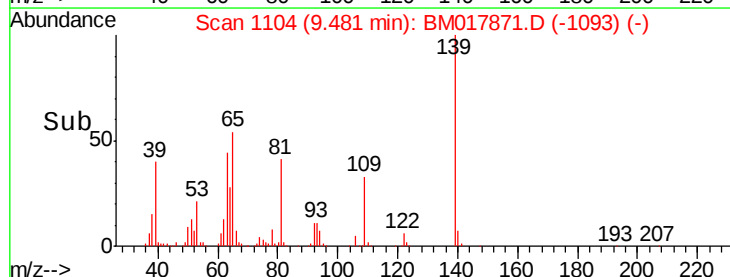
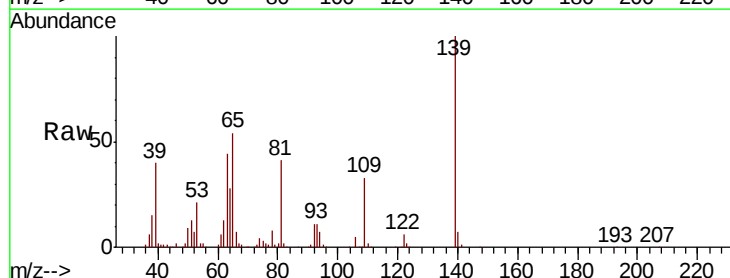
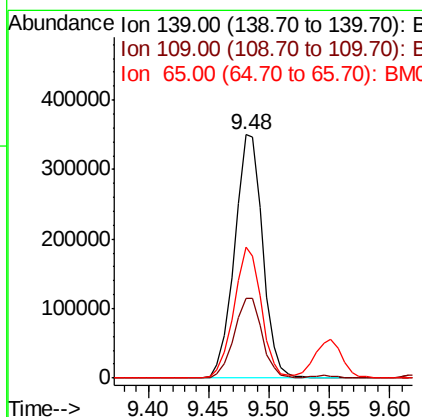
RT: 9.48 min Scan# 1104

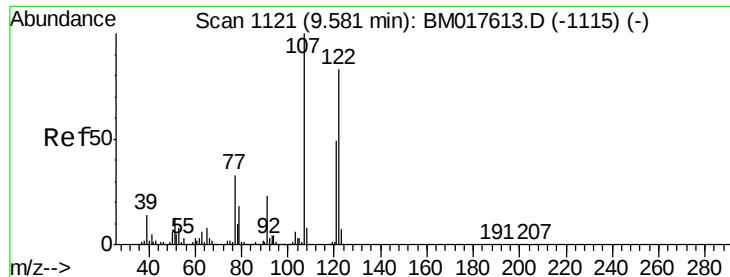
Delta R.T. -0.04 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion:	139	Resp:	569026
Ion	Ratio	Lower	Upper
139	100		
109	32.9	25.9	38.9
65	53.9	43.0	64.4





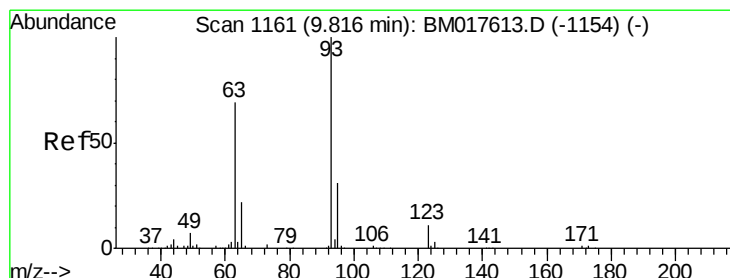
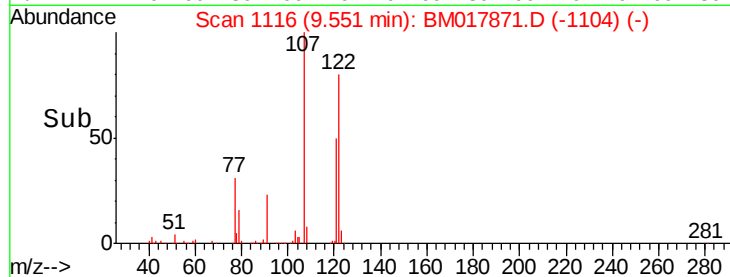
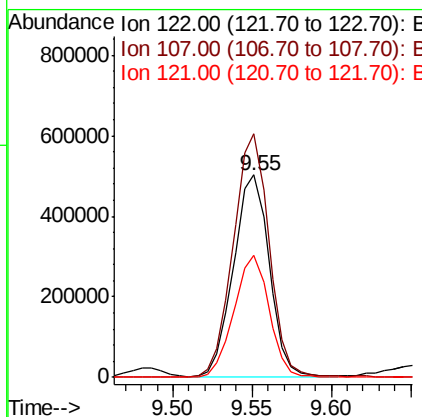
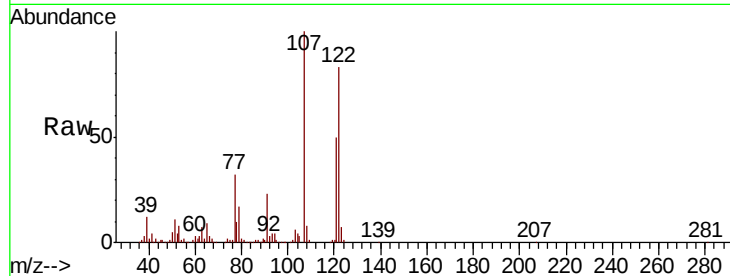
#27
 2,4-Dimethylphenol
 Concen: 41.592 ng
 RT: 9.55 min Scan# 1116
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	95.8	143.8
121	60.4	47.2	70.8

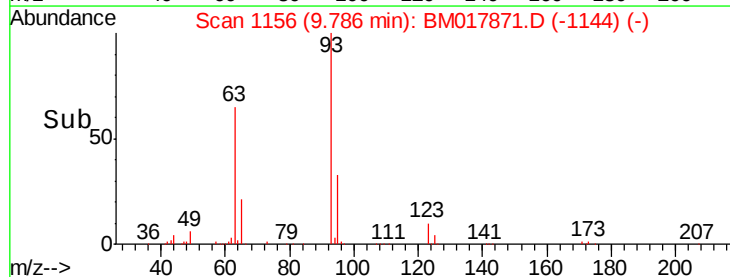
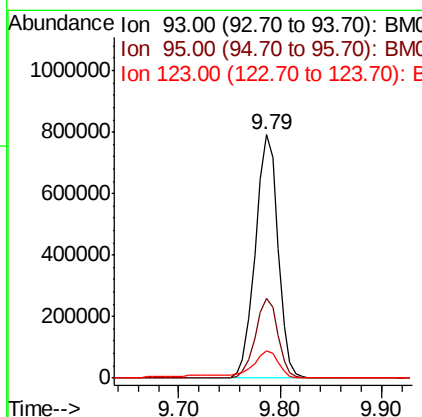
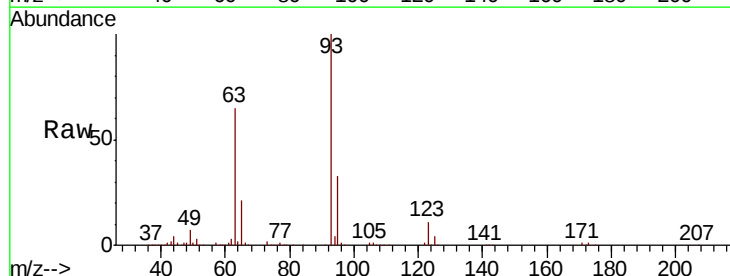
Manual Integrations
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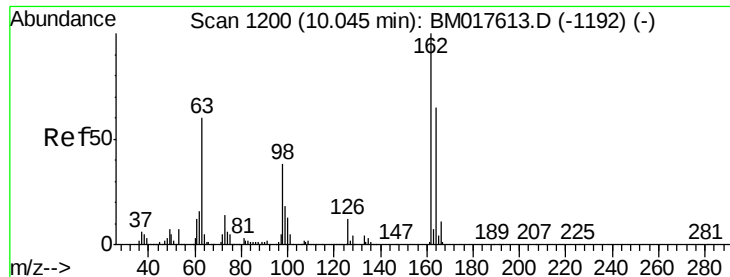
mohammad
 12/3/2018 4:58:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.845 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.9	37.3
123	11.2	8.7	13.1





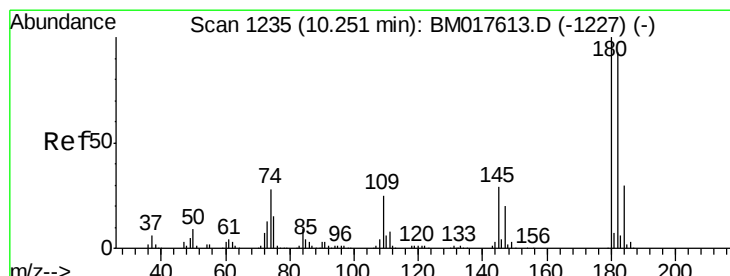
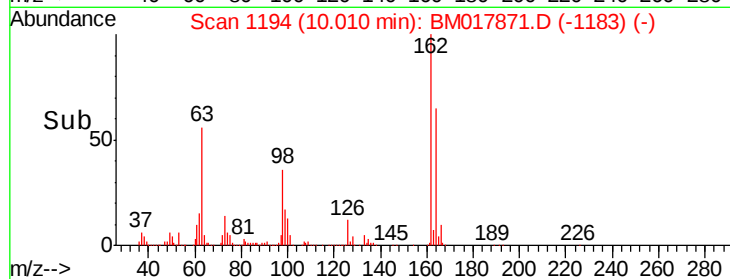
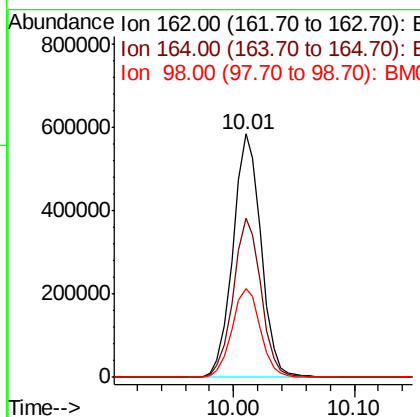
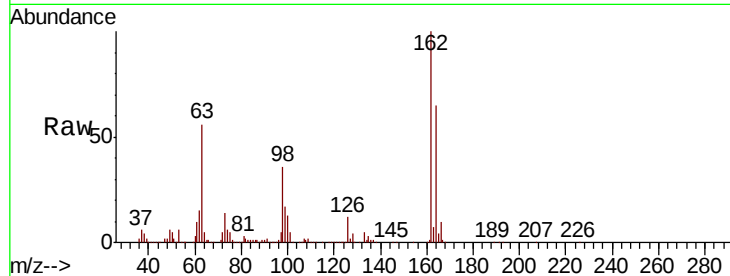
#29
2,4-Dichlorophenol
Concen: 43.200 ng
RT: 10.01 min Scan# 1194
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	948821		
164	65.4	45.0	85.0	
98	36.5	17.5	57.5	

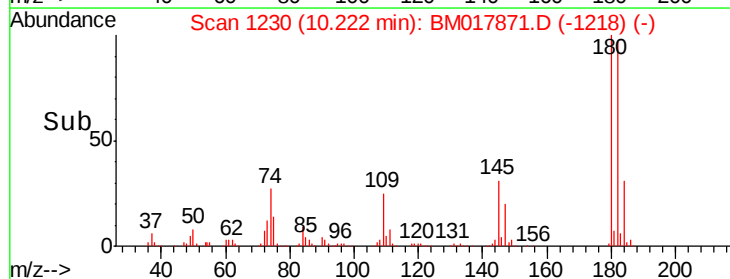
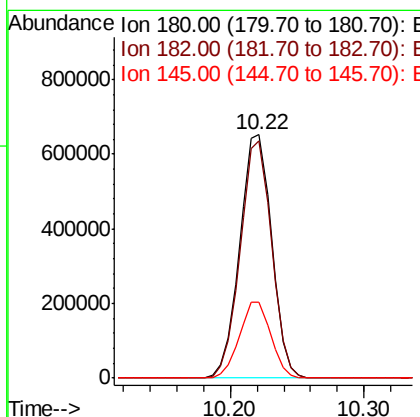
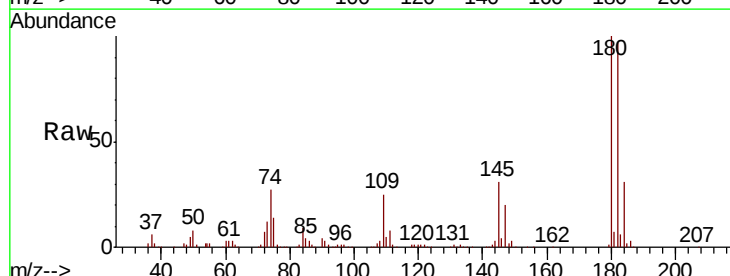
Manual Integrations
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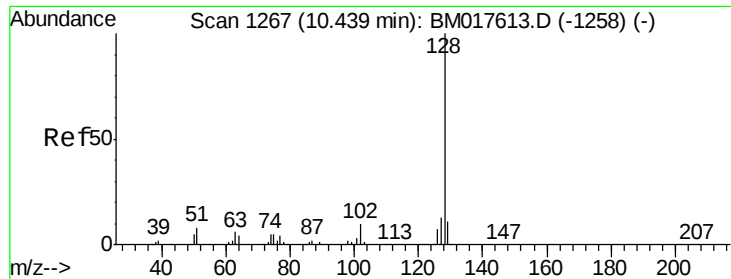
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.100 ng
RT: 10.22 min Scan# 1230
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1075442		
182	97.5	74.4	111.6	
145	31.4	23.5	35.3	





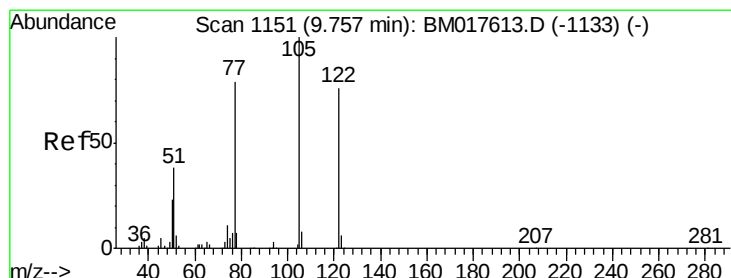
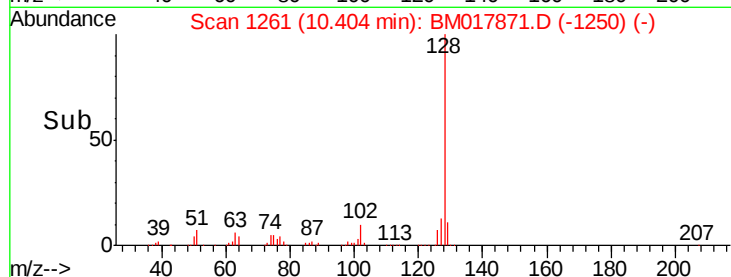
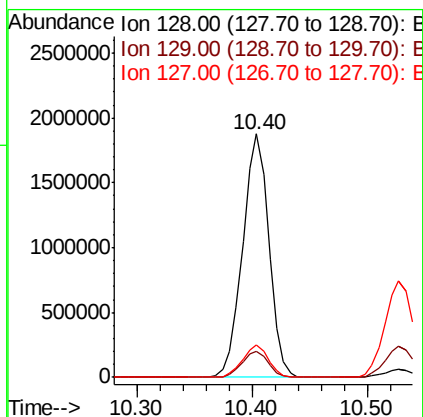
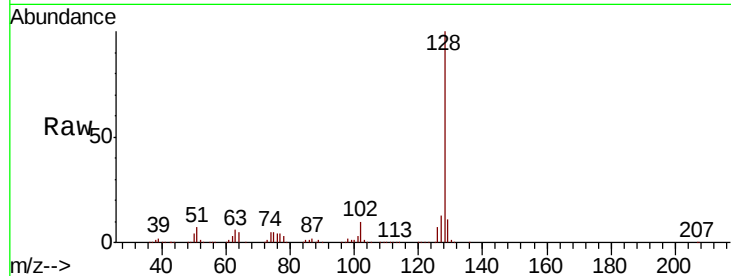
#31
Naphthalene
Concen: 41.433 ng
RT: 10.40 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.3	10.3	15.5

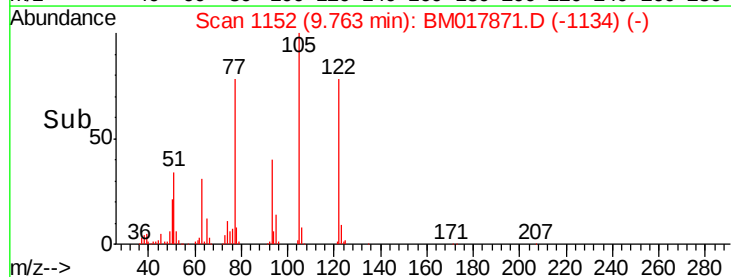
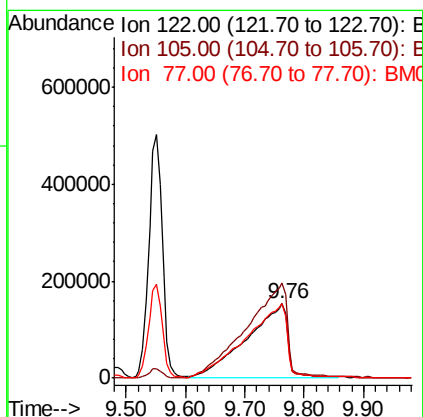
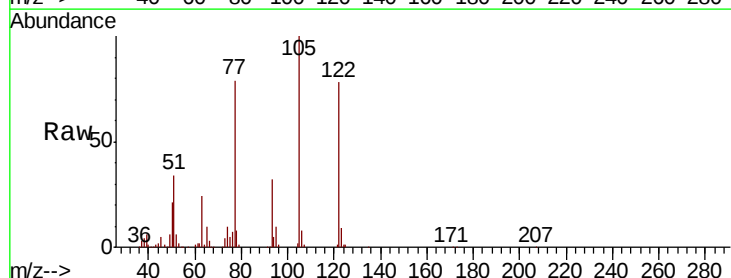
Manual Integrations
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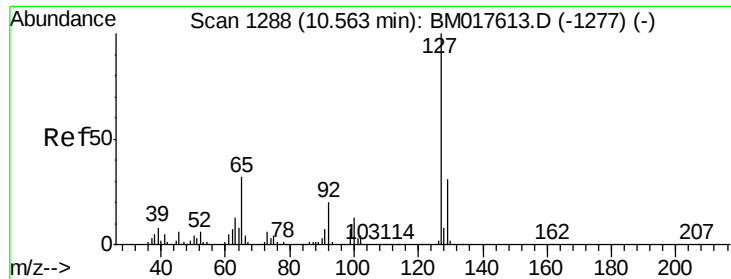
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#32
Benzoic acid
Concen: 41.685 ng m
RT: 9.76 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	109.1	149.1
77	100.5	82.1	122.1





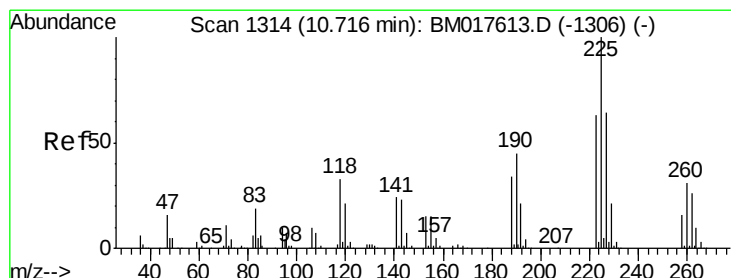
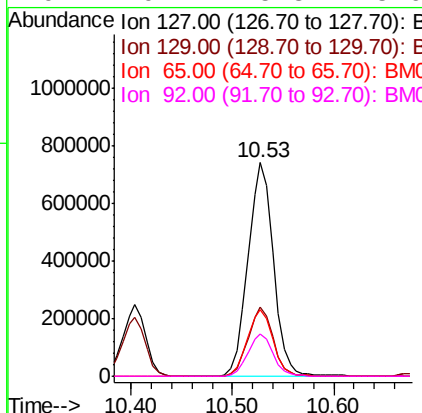
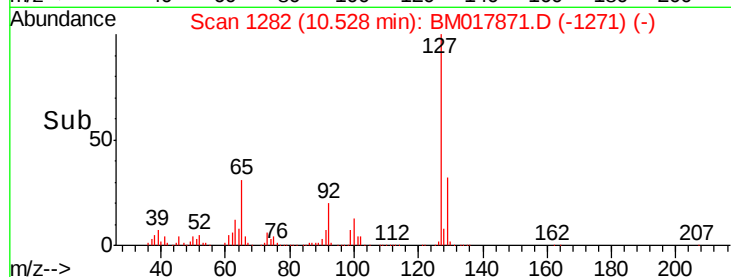
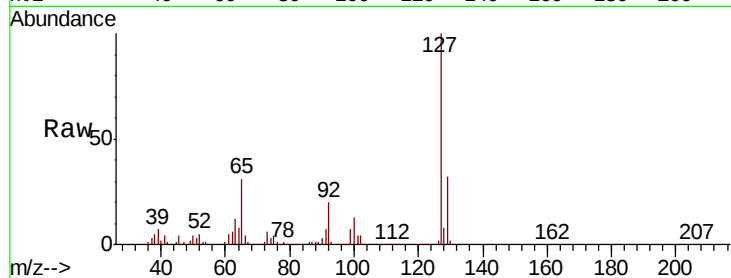
#33
4-Chloroaniline
Concen: 41.398 ng
RT: 10.53 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.4
65	31.4	25.8	38.8
92	19.7	15.8	23.6

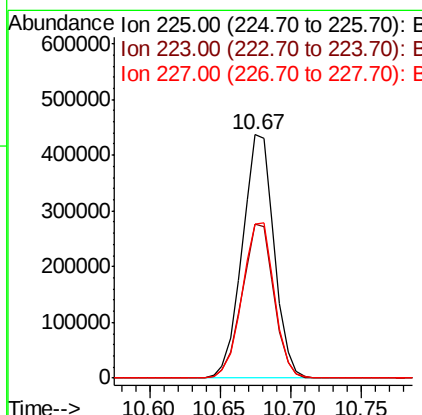
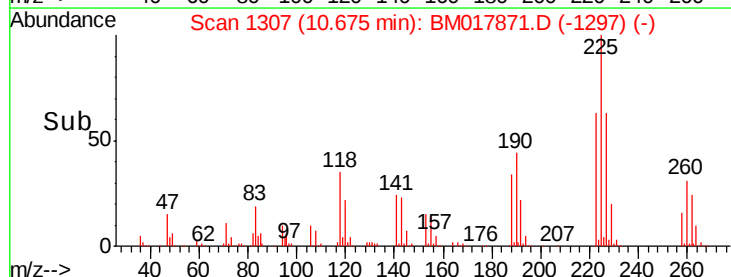
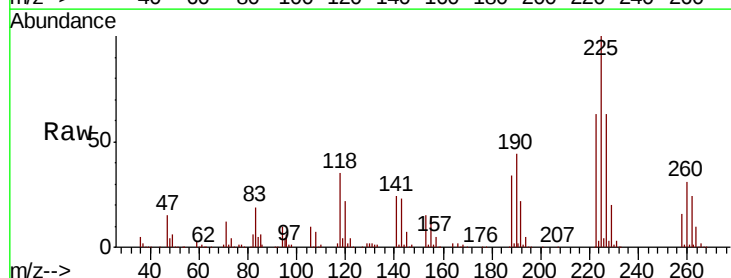
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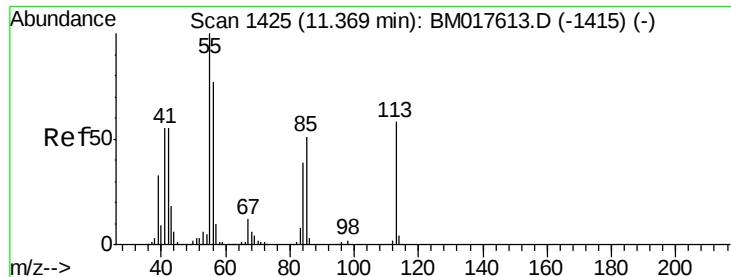
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#34
Hexachlorobutadiene
Concen: 43.246 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	63.1	51.0	76.4





#35

Caprolactam

Concen: 39.762 ng/mL

RT: 11.36 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 321606

Ion Ratio Lower Upper

113 100

55 138.1 153.1 193.1#

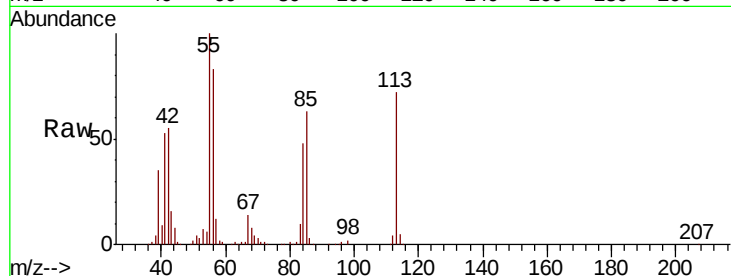
56 114.1 112.7 152.7

Manual Integrations

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

200000

150000

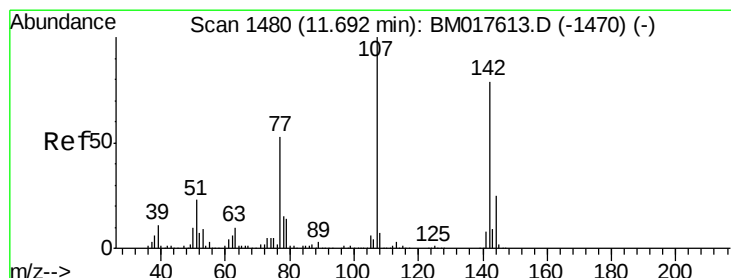
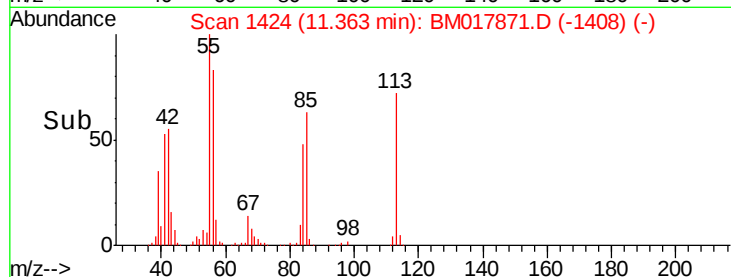
100000

50000

0

11.30 11.40 11.50

Time-->



#36

4-Chloro-3-methylphenol

Concen: 41.650 ng/mL

RT: 11.66 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

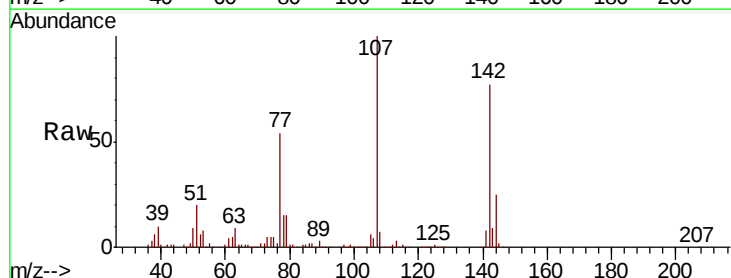
Tgt Ion:107 Resp: 1056159

Ion Ratio Lower Upper

107 100

144 24.8 19.9 29.9

142 77.0 63.0 94.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

800000

600000

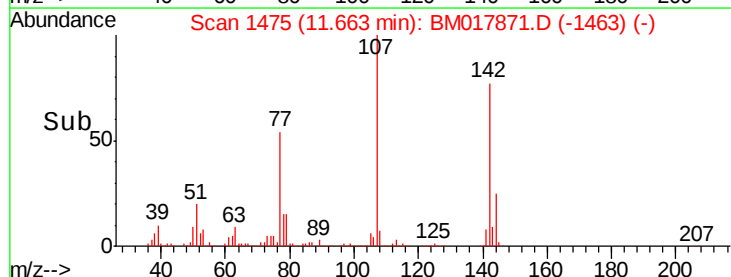
400000

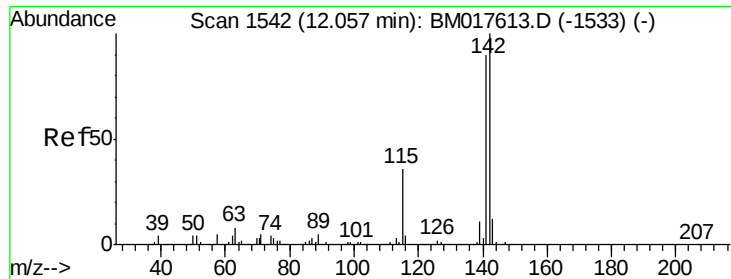
200000

0

11.60 11.70

Time-->





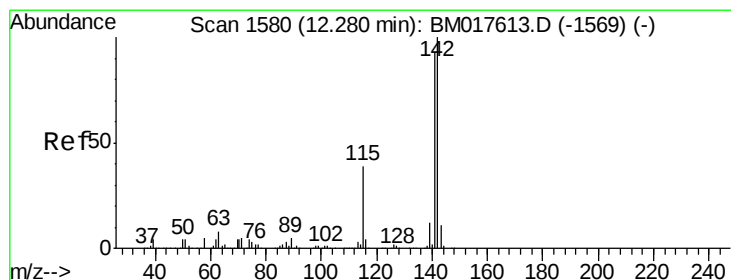
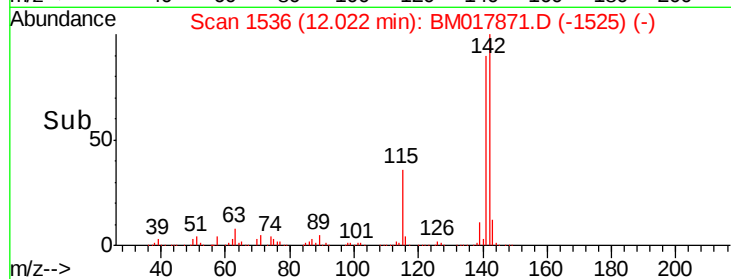
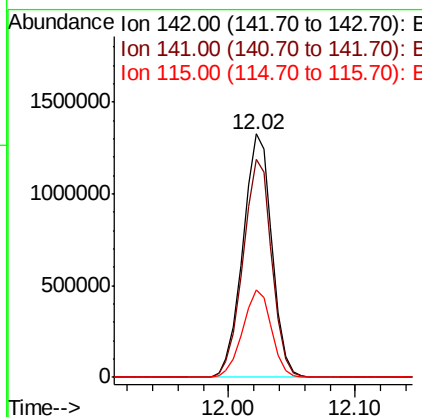
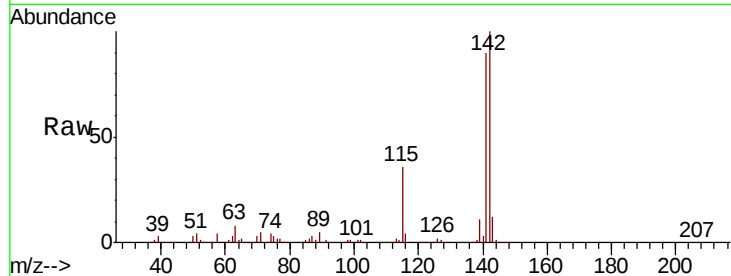
#37
2-Methylnaphthalene
Concen: 41.746 ng
RT: 12.02 min Scan# 1536
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	36.2	28.5	42.7

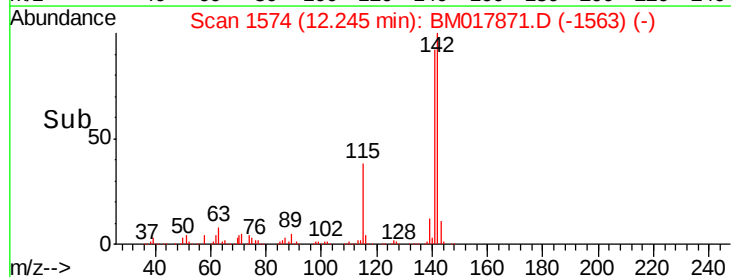
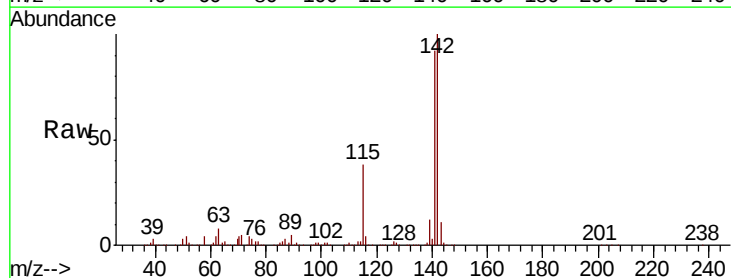
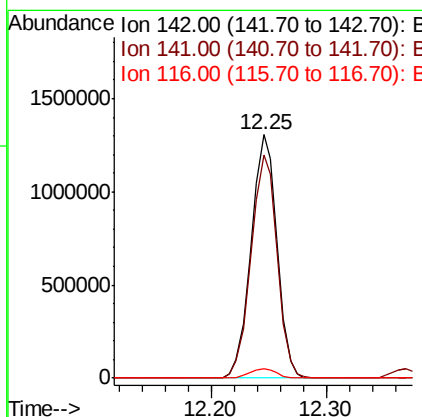
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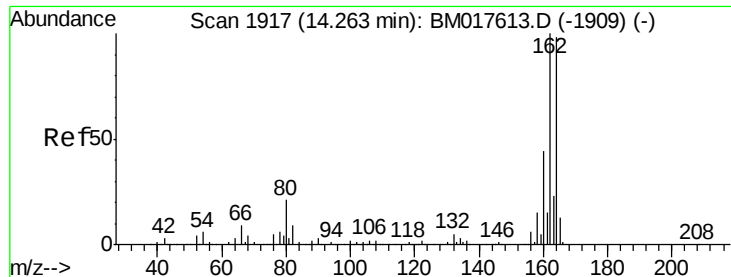
mohammad
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#38
1-Methylnaphthalene
Concen: 41.282 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	4.1	3.1	4.7





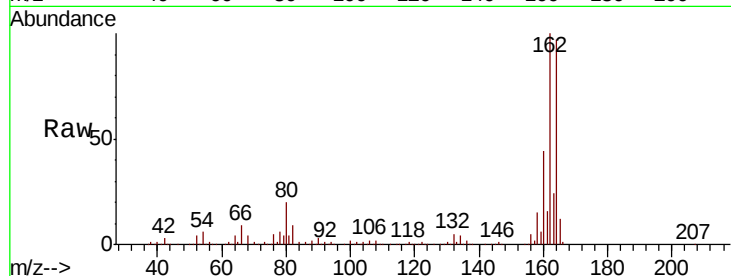
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	45.0	35.6	53.4

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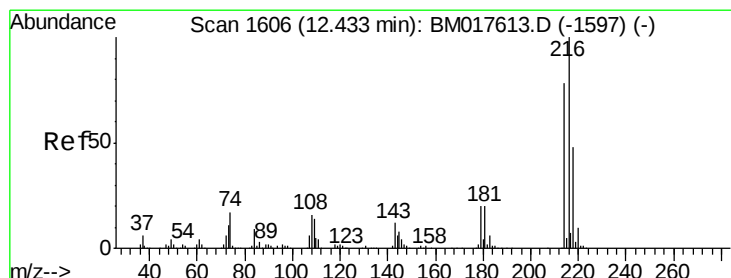
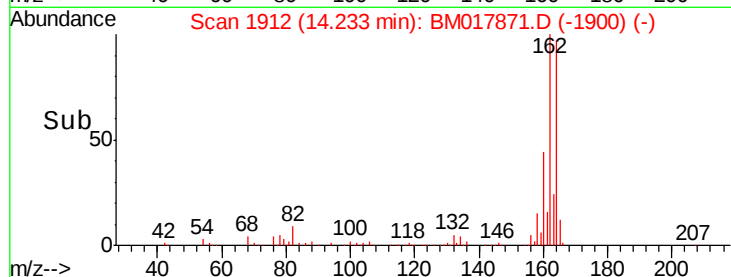
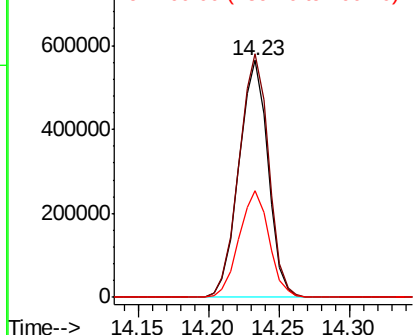


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.018 ng
RT: 12.40 min Scan# 1600
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.5	93.7
179	21.5	16.8	25.2
108	18.2	14.6	22.0

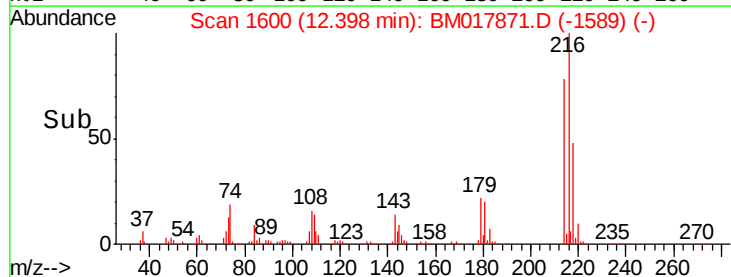
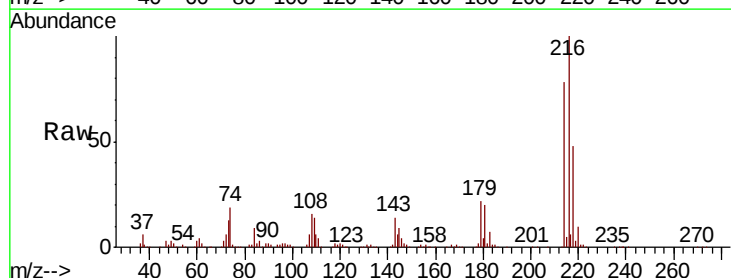
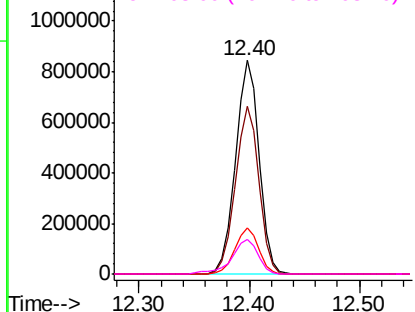
Abundance

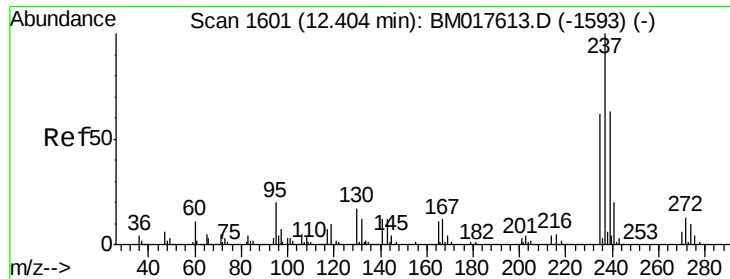
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





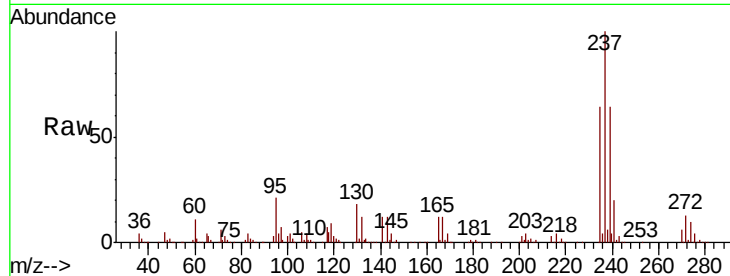
#41
Hexachlorocyclopentadiene
Concen: 41.582 ng
RT: 12.37 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

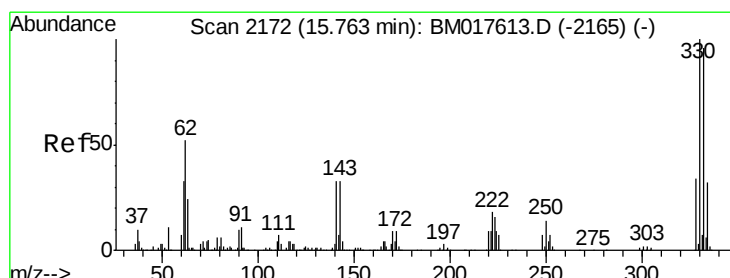
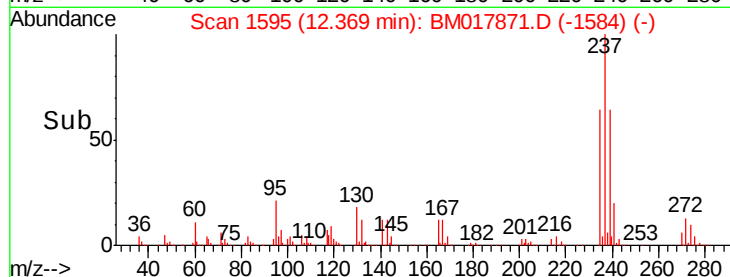
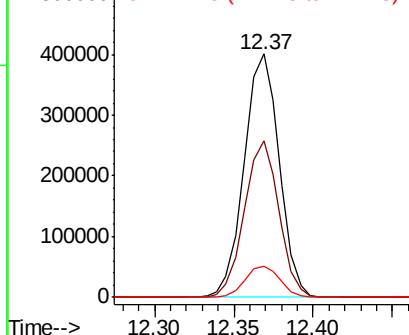
Tot Ion	Ratio	Resp	Lower	Upper
237	100	616448		
235	64.4	42.2	82.2	
272	12.9	0.0	32.6	

Manual Integrations
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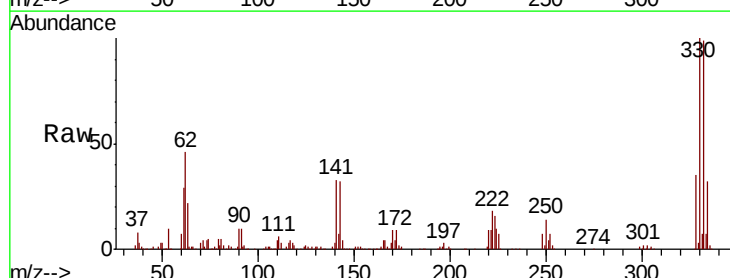


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

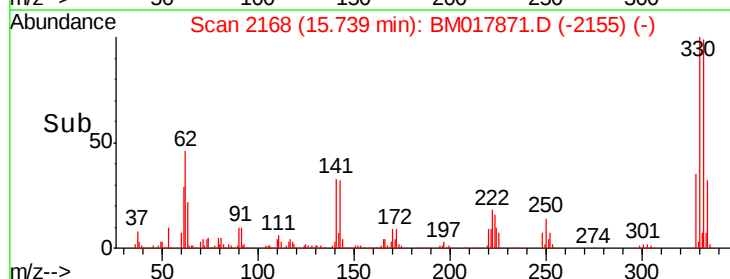
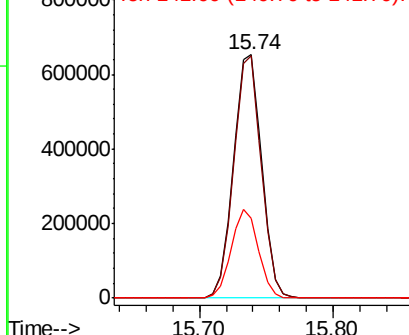


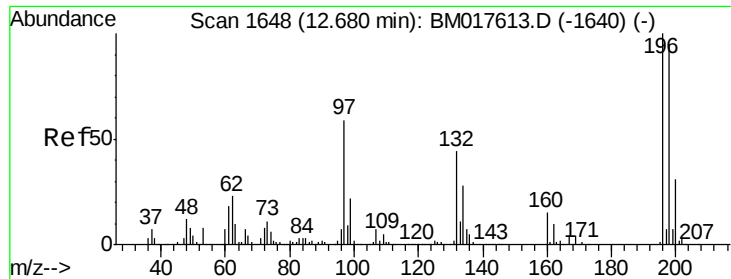
#42
2,4,6-Tribromophenol
Concen: 81.857 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	956931		
332	97.1	77.9	116.9	
141	35.4	27.5	41.3	



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





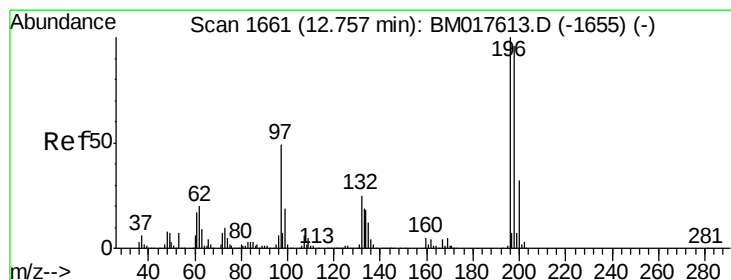
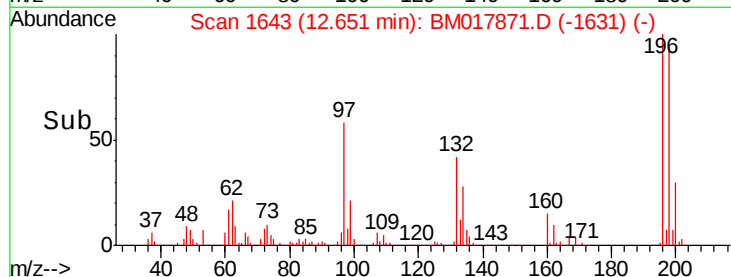
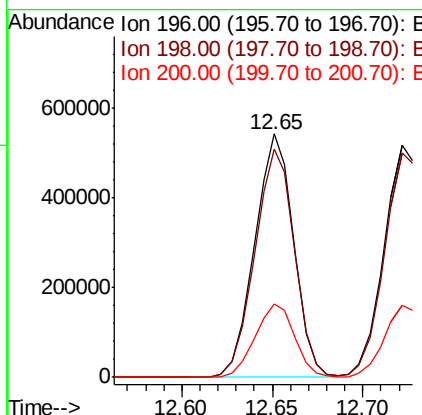
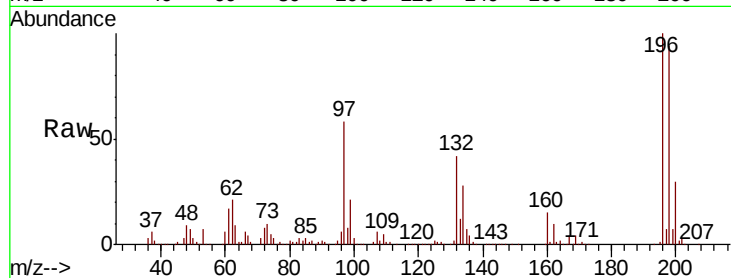
#43
2,4,6-Trichlorophenol
Concen: 44.914 ng
RT: 12.65 min Scan# 1643
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	807114		
198	93.7	75.6	113.4	
200	30.2	24.8	37.2	

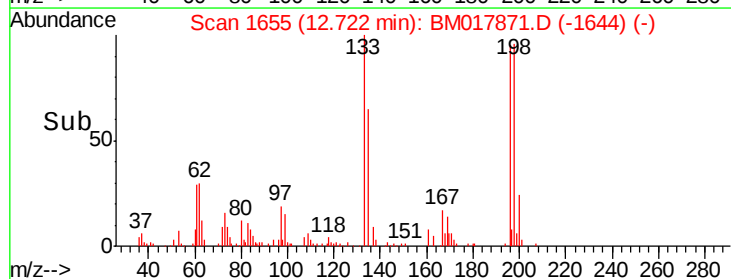
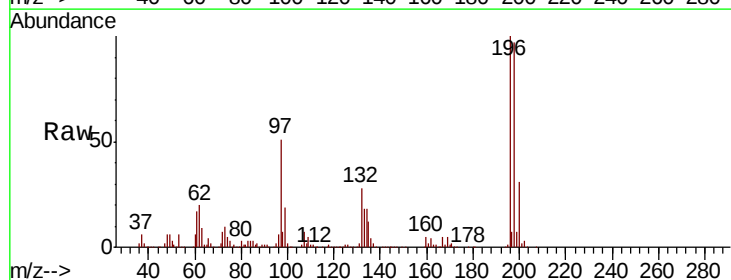
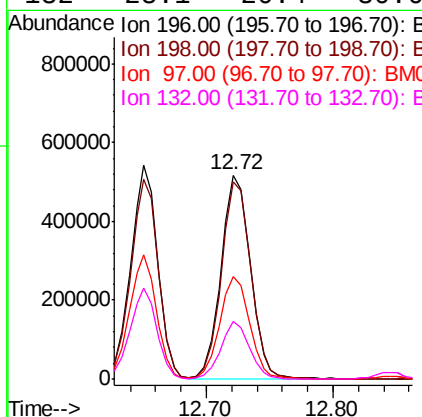
Manual Integrations
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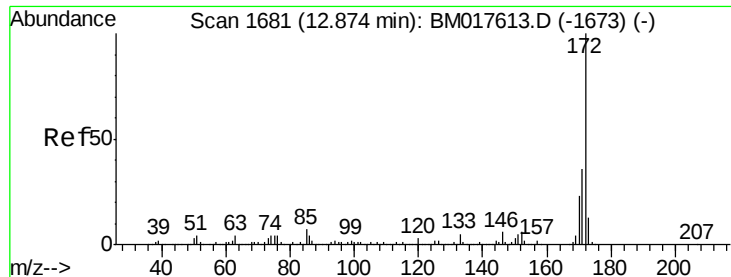
mohammad
12/3/2018 4:58:33 PM



#44
2,4,5-Trichlorophenol
Concen: 43.623 ng
RT: 12.72 min Scan# 1655
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	827717		
198	96.9	76.8	115.2	
97	50.6	39.0	58.6	
132	28.1	20.4	30.6	





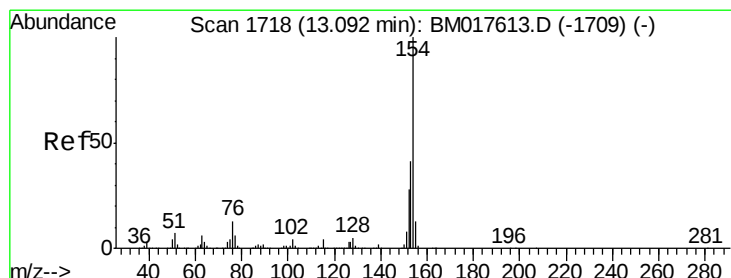
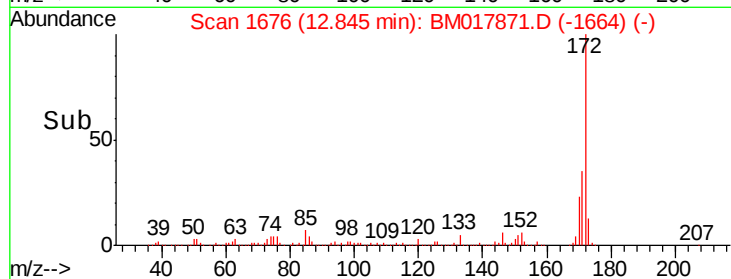
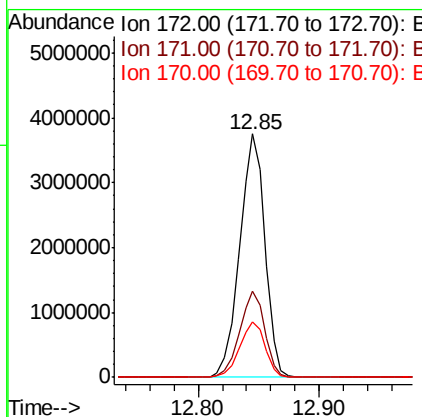
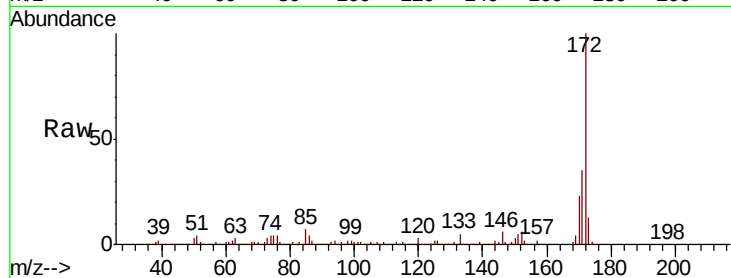
#45
2-Fluorobiphenyl
Concen: 86.893 ng
RT: 12.85 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.0	18.3	27.5

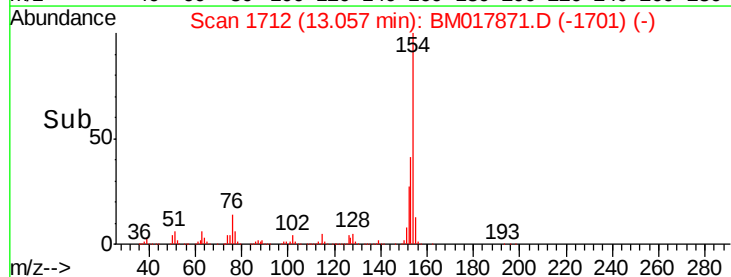
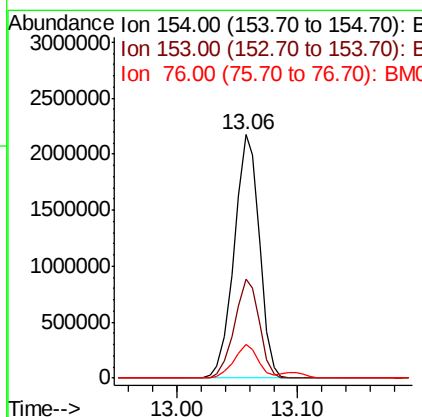
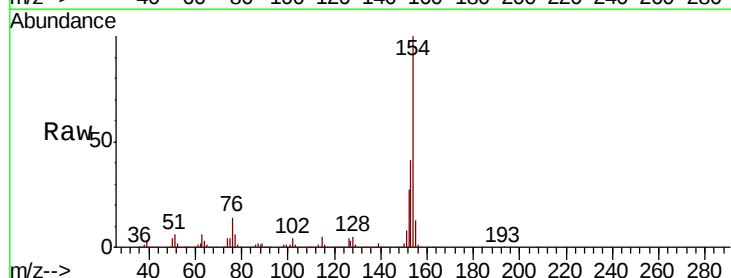
Manual Integrations
APPROVED

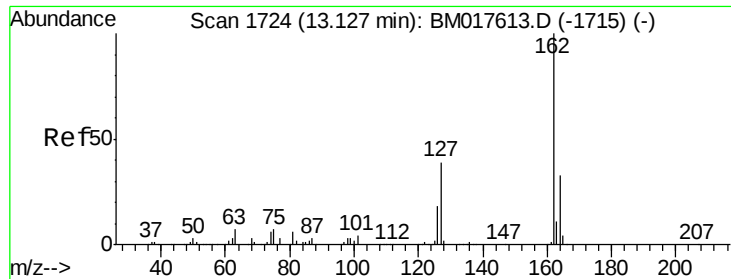
mohammad
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#46
1,1'-Biphenyl
Concen: 43.151 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.6	0.0	32.8





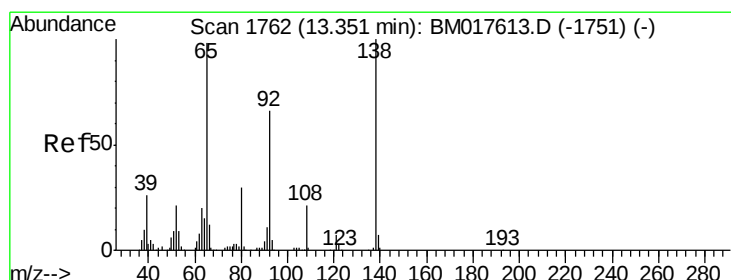
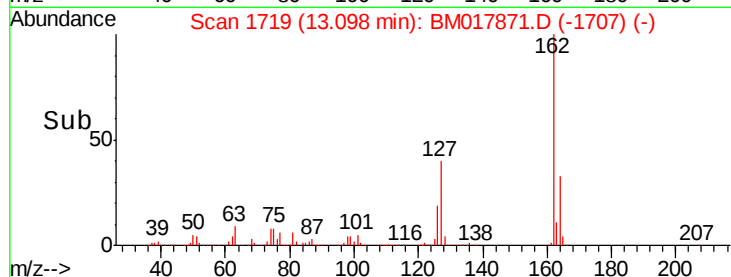
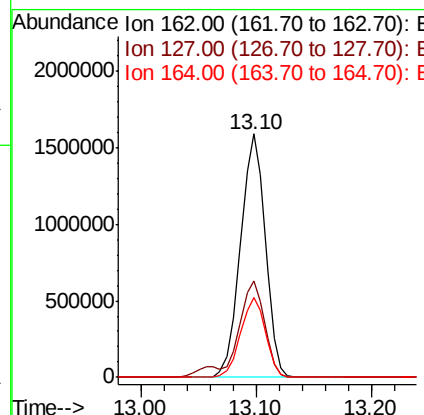
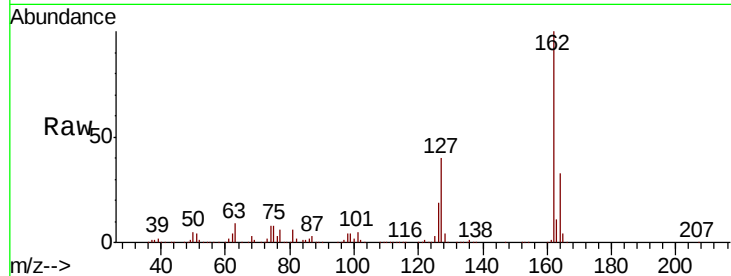
#47
2-Chloronaphthalene
Concen: 43.640 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.6	48.8
164	32.8	26.5	39.7

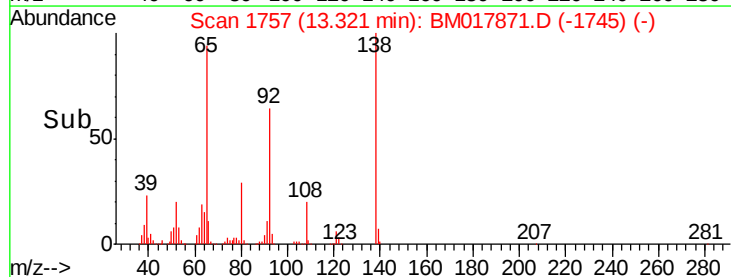
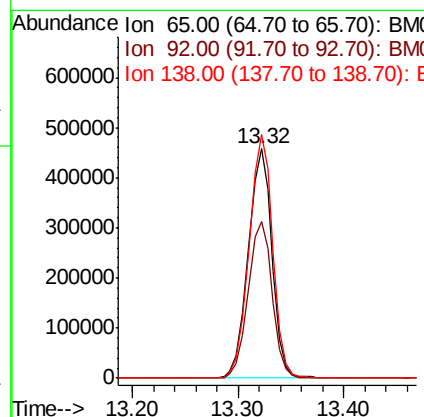
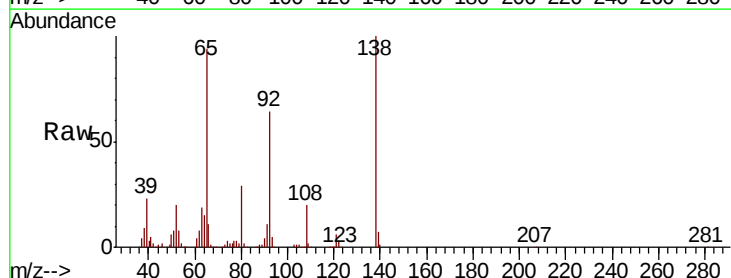
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APPROVED

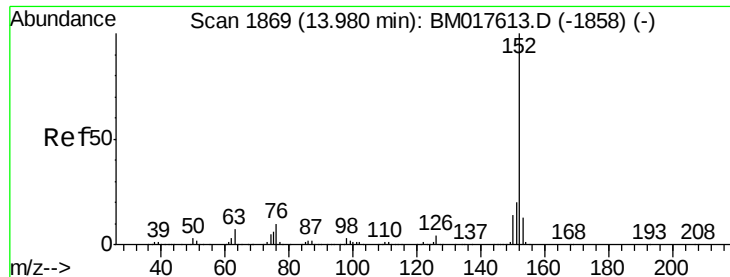
mohammad
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#48
2-Nitroaniline
Concen: 42.623 ng
RT: 13.32 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.7	80.5
138	106.2	81.5	122.3





#49

Acenaphthylene

Concen: 42.441 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

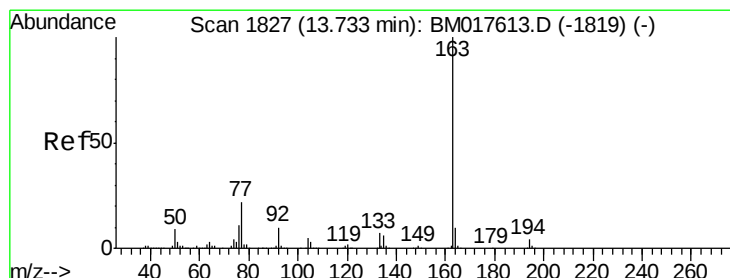
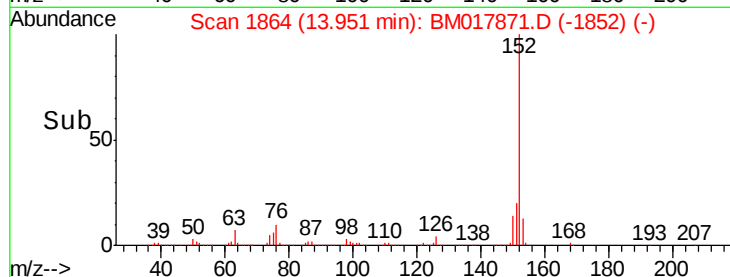
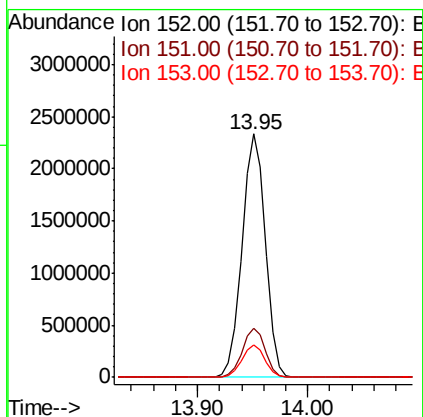
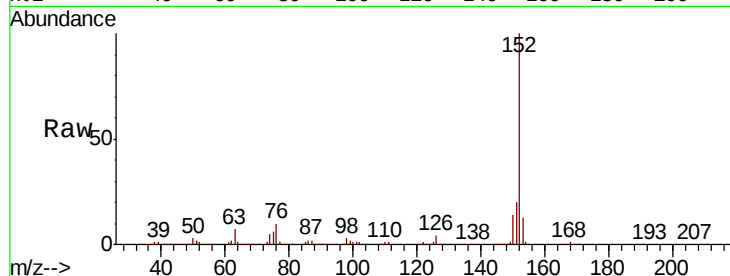
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	3456437
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.065 ng

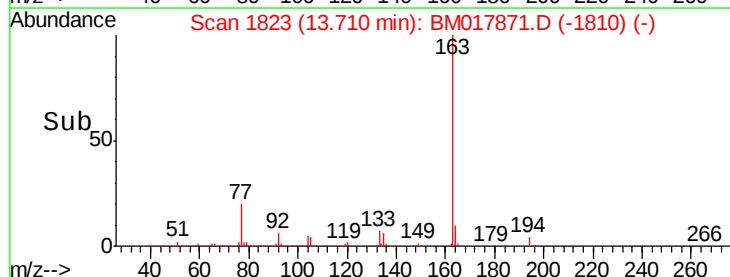
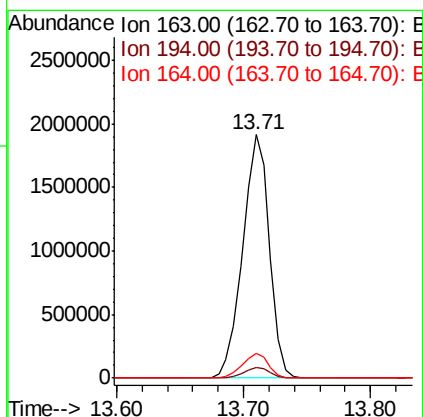
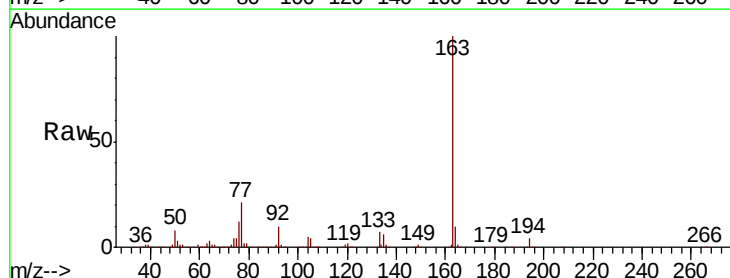
RT: 13.71 min Scan# 1823

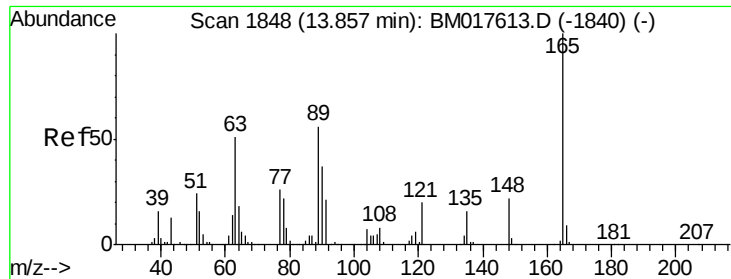
Delta R.T. -0.02 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Tgt Ion:	163	Resp:	2782554
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.3	8.2	12.4





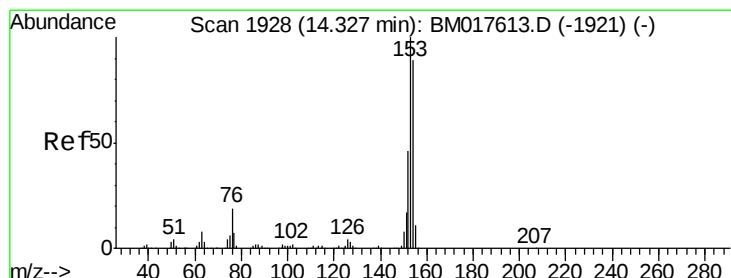
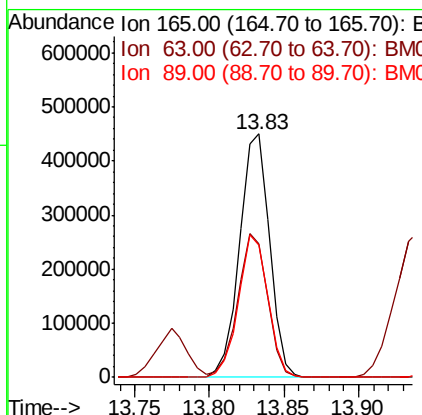
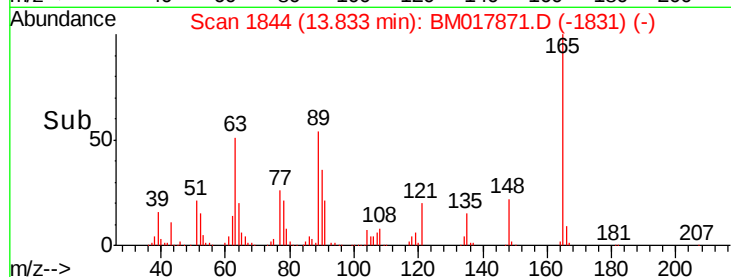
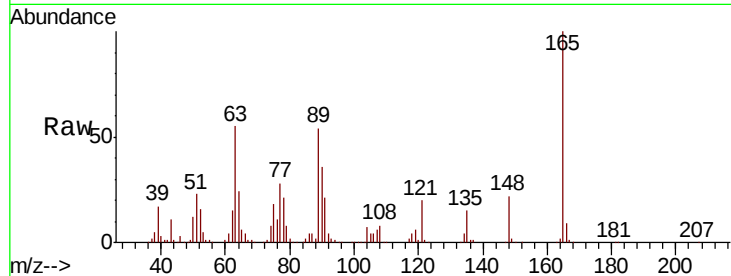
#51
 2,6-Dinitrotoluene
 Concen: 42.525 ng
 RT: 13.83 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	47.3	70.9
89	54.4	44.8	67.2

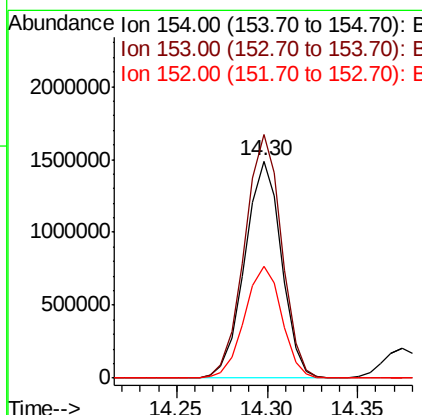
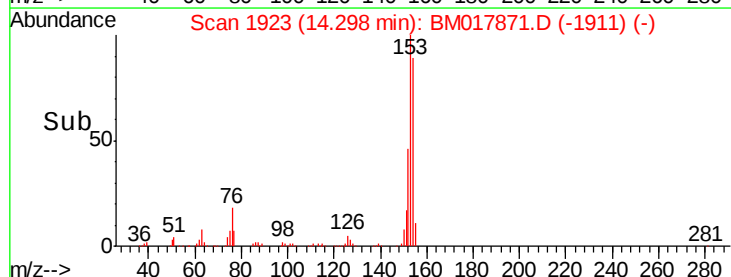
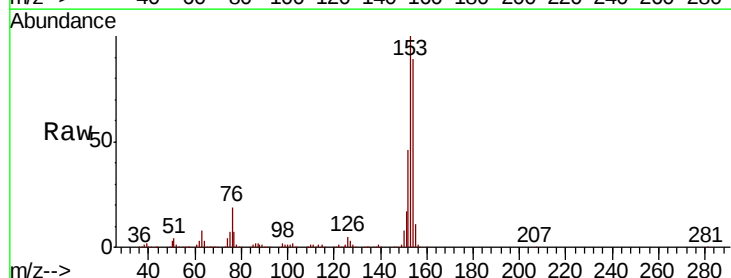
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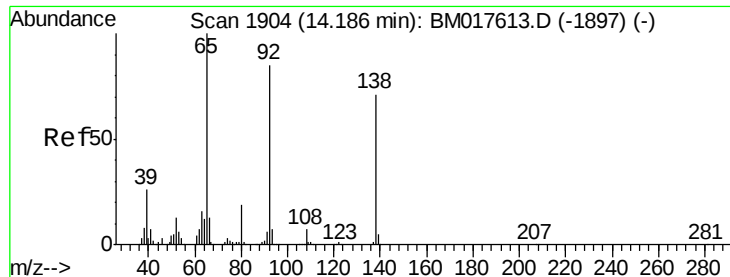
mohammad
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#52
 Acenaphthene
 Concen: 41.923 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.4
152	51.6	41.6	62.4





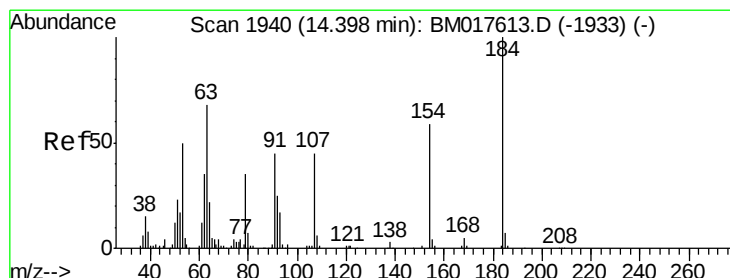
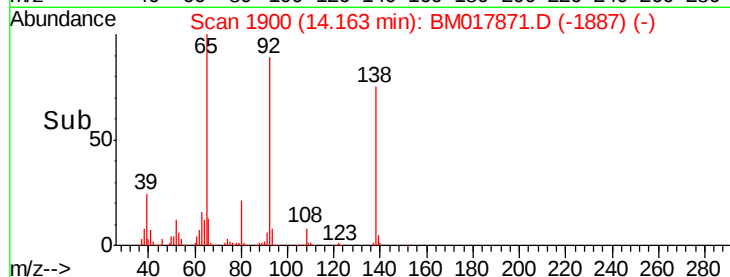
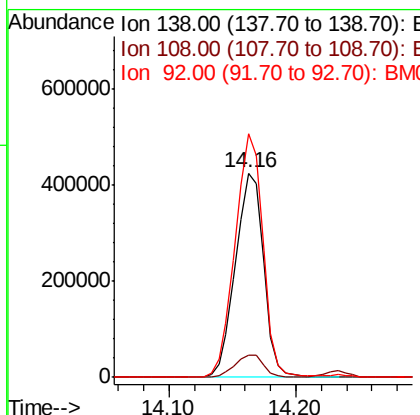
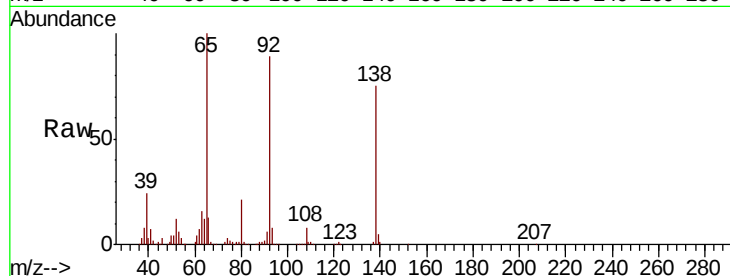
#53
3-Nitroaniline
Concen: 40.760 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.2
92	119.3	95.4	143.2

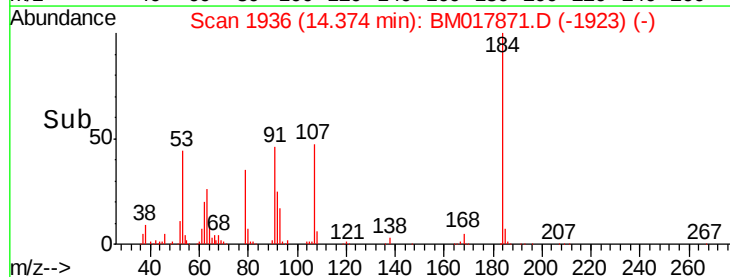
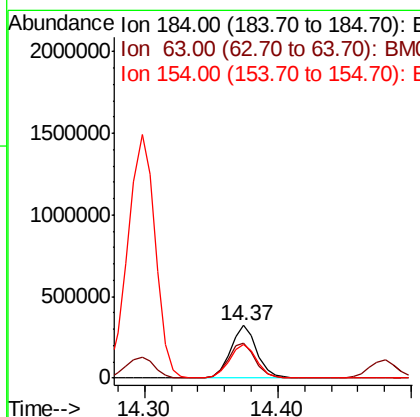
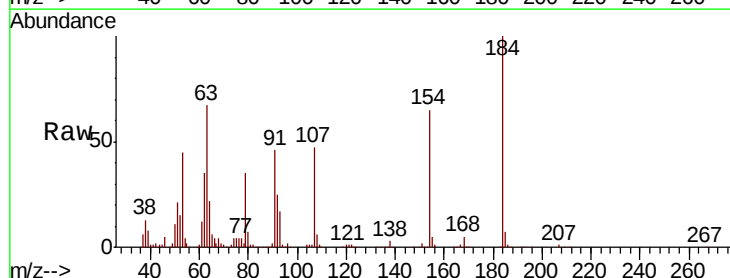
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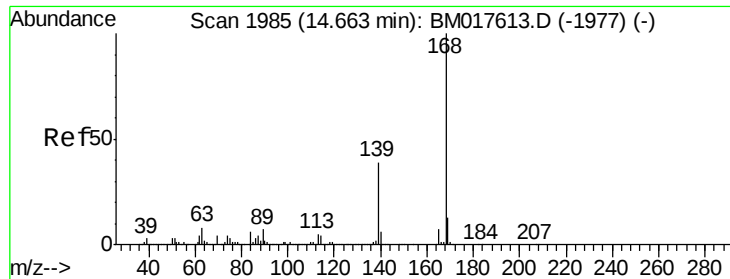
mohammad
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#54
2,4-Dinitrophenol
Concen: 52.620 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	55.1	82.7
154	64.9	51.3	76.9





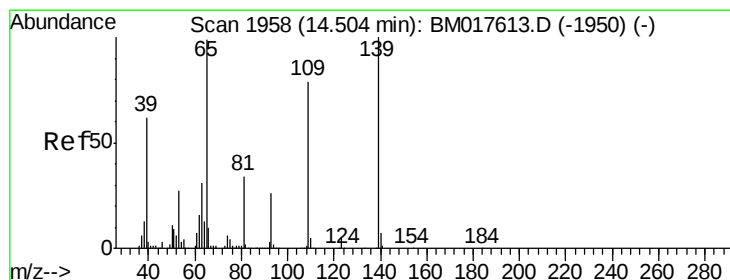
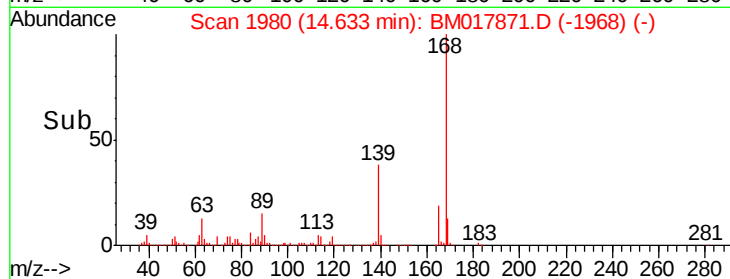
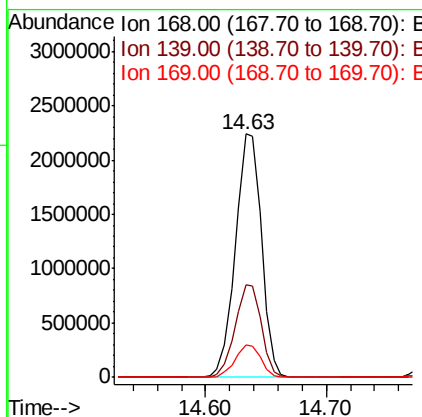
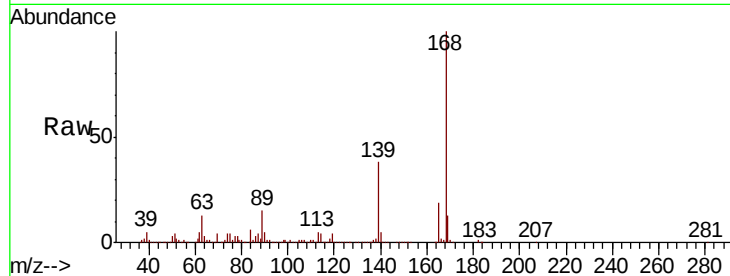
#55
Dibenzofuran
Concen: 41.245 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.0	46.6
169	13.3	10.6	16.0

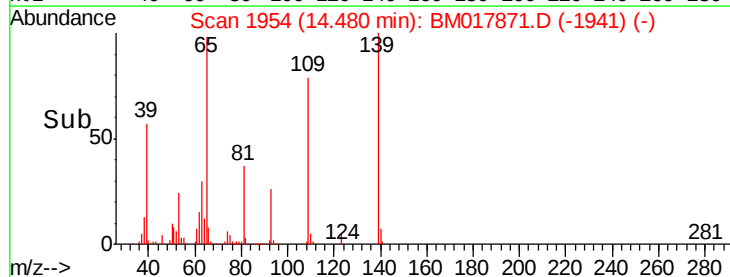
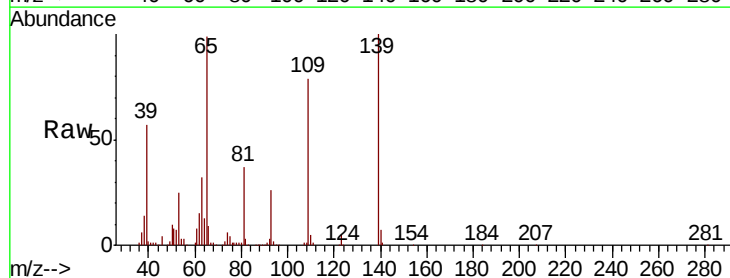
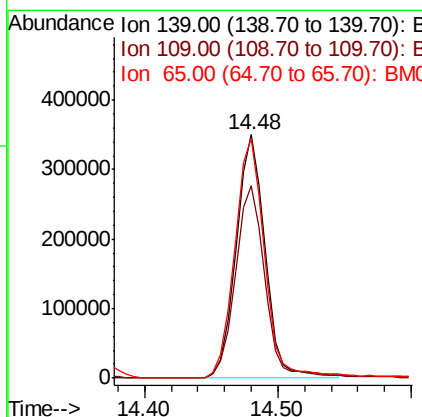
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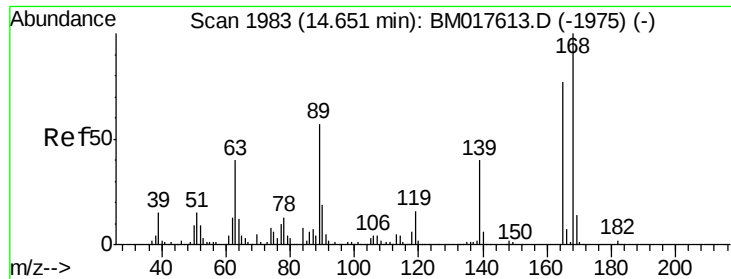
mohammad
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#56
4-Nitrophenol
Concen: 41.818 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	58.6	98.6
65	98.5	79.5	119.5





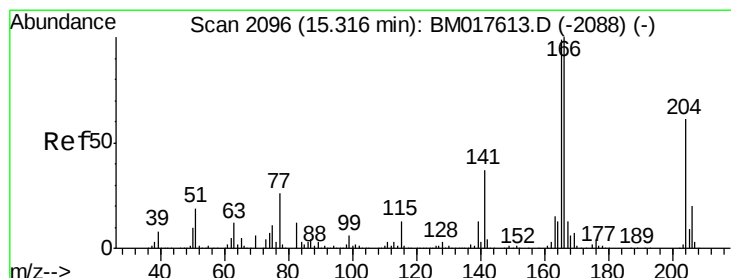
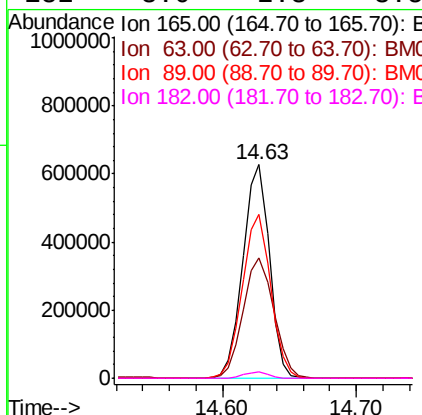
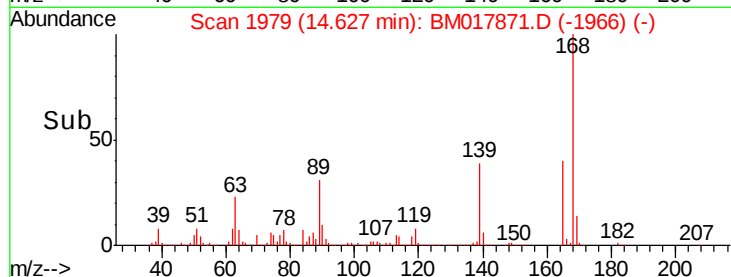
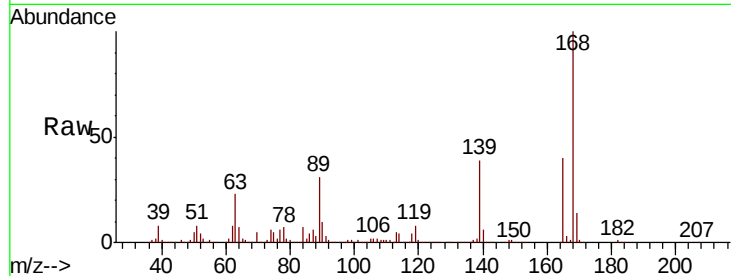
#57
2,4-Dinitrotoluene
Concen: 43.159 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	856927		
63	56.1		41.8	62.8
89	77.0		59.5	89.3
182	3.0		2.3	3.5

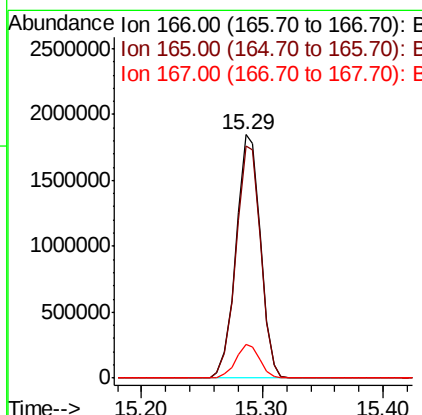
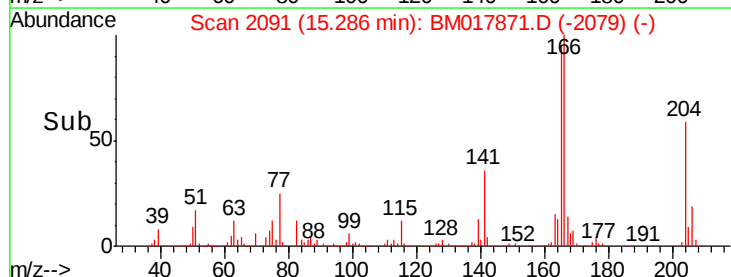
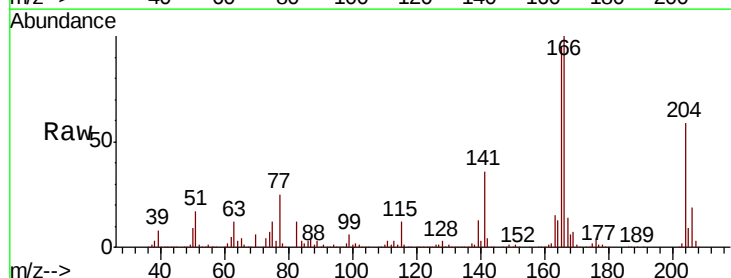
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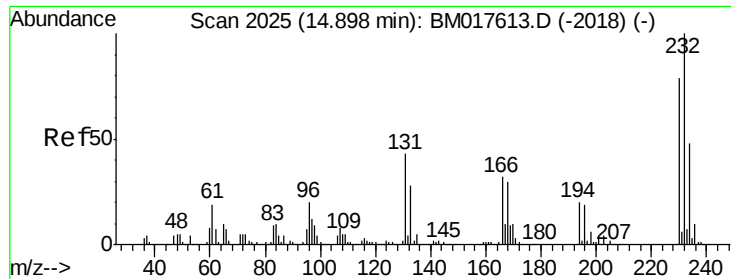
mohammad
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#58
Fluorene
Concen: 41.617 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2602301		
165	95.1		79.0	118.6
167	13.6		10.8	16.2





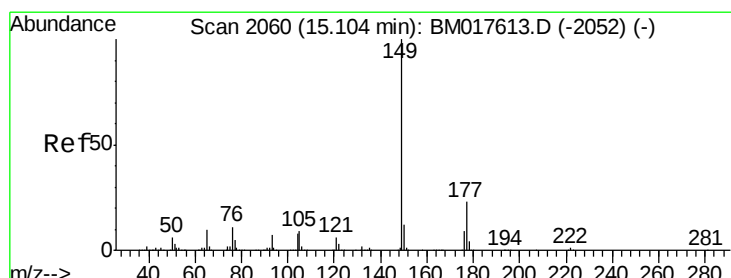
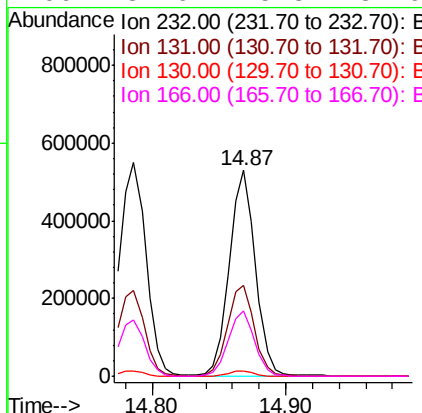
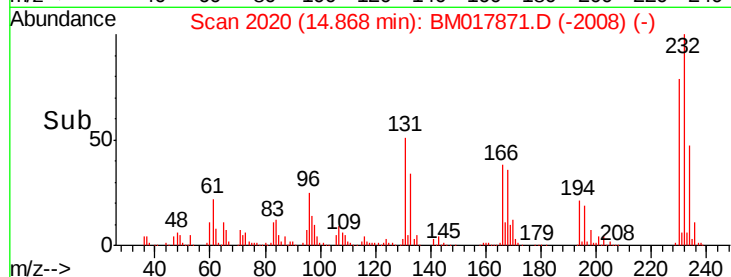
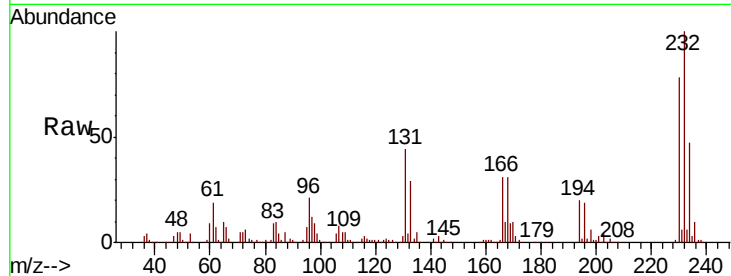
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.426 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	722967		
131	45.2		34.8	52.2
130	2.6		1.9	2.9
166	31.6		25.3	37.9

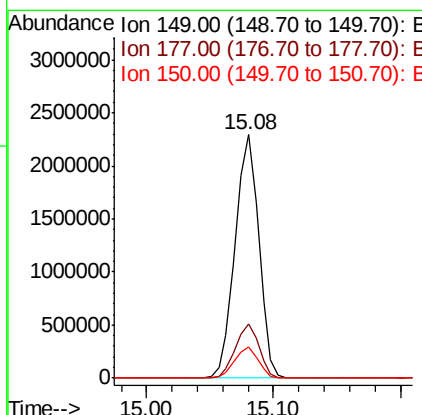
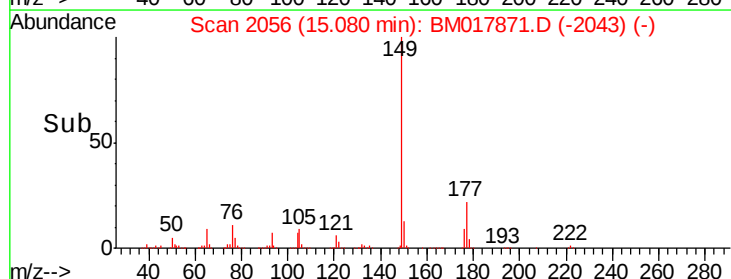
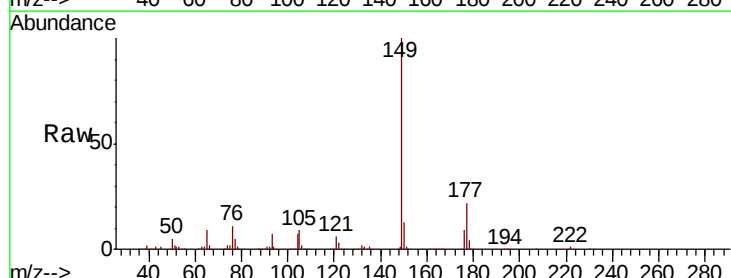
Manual Integrations
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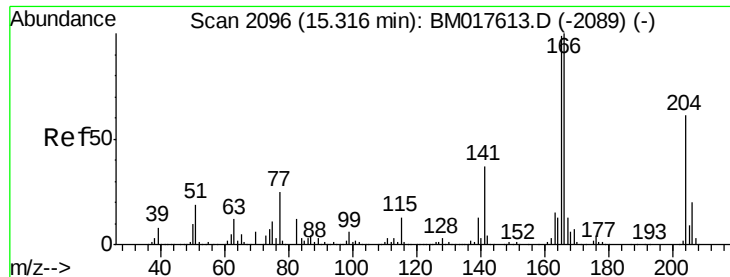
mohammad
 12/3/2018 4:58:33 PM



#60
 Diethylphthalate
 Concen: 41.390 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2958263		
177	22.0		18.1	27.1
150	12.8		9.9	14.9





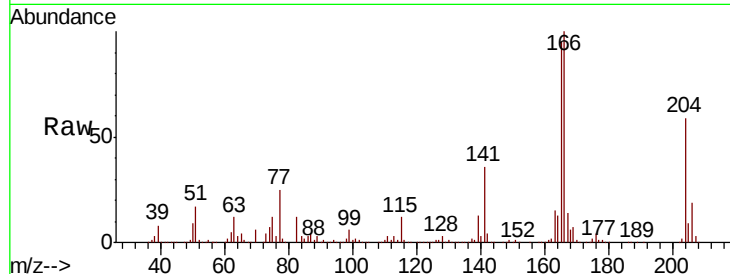
#61
 4-Chlorophenyl-phenylether
 Concen: 41.871 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

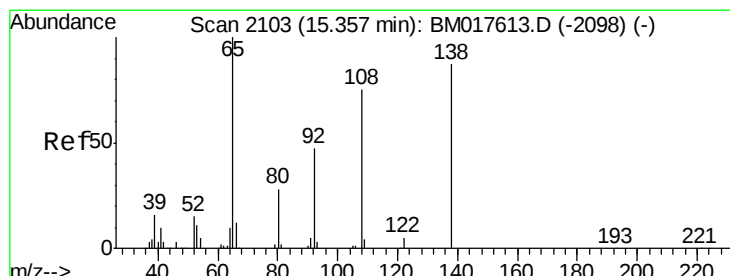
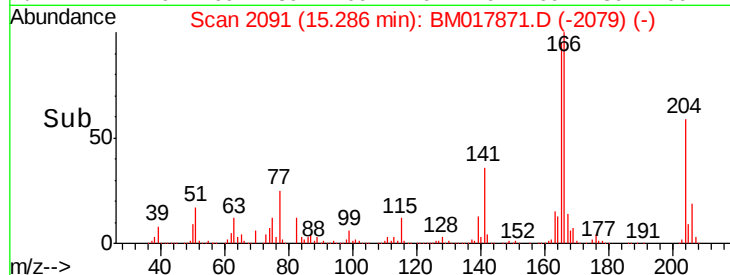
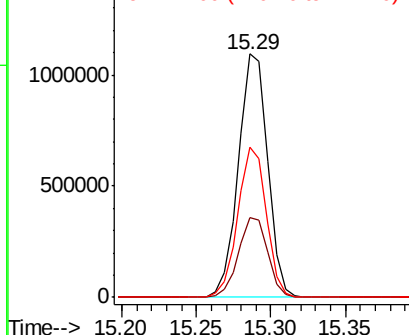
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	61.5	47.9	71.9

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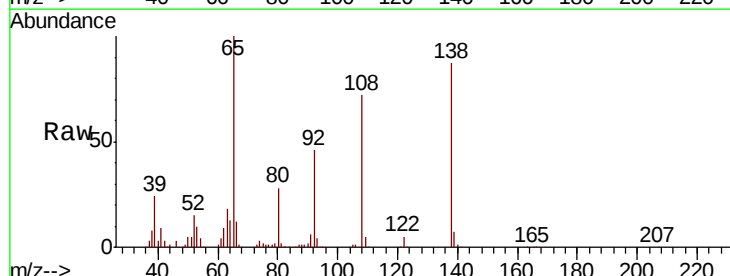


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

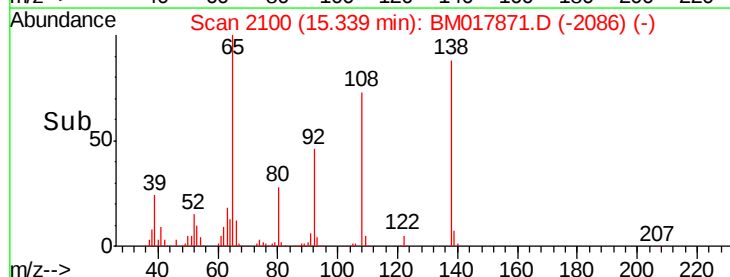
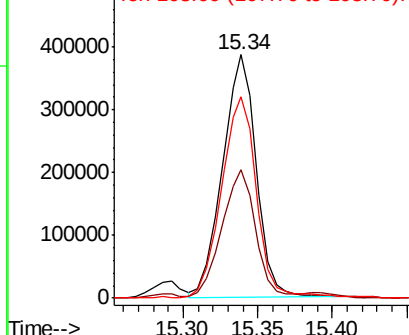


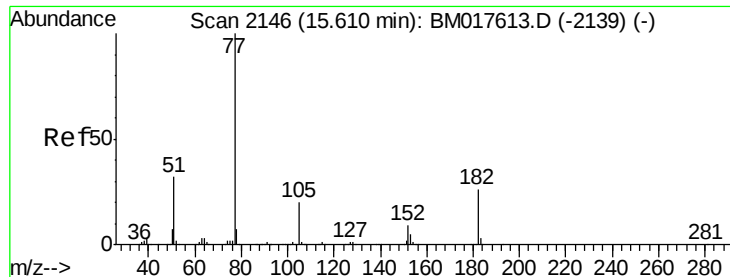
#62
 4-Nitroaniline
 Concen: 40.373 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	33.4	73.4
108	82.9	64.3	104.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E





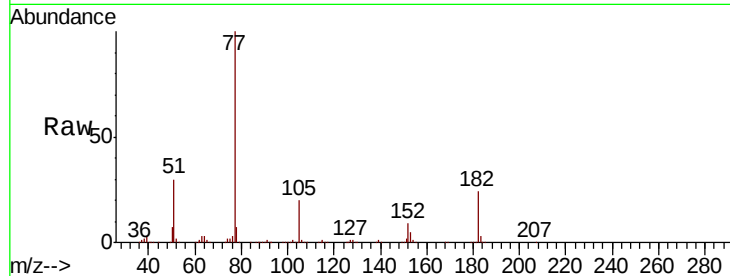
#63
Azobenzene
Concen: 42.045 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.1	5.8	45.8
105	19.6	0.0	40.0
51	29.7	12.5	52.5

Manual Integrations
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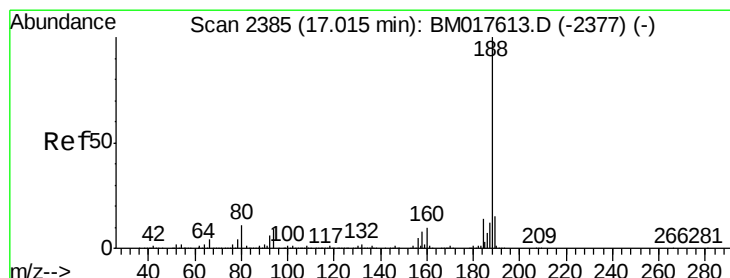
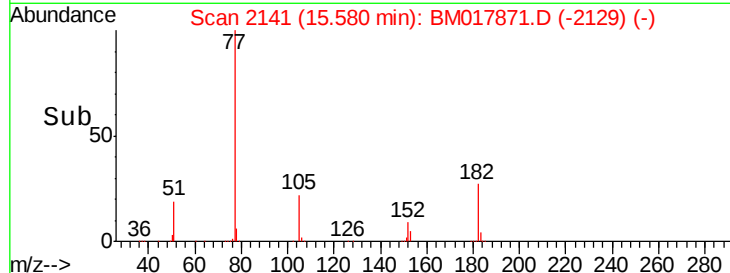
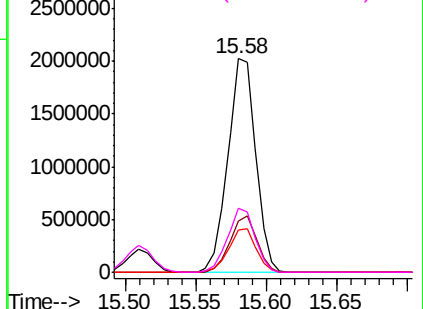
Abundance

Ion 77.00 (76.70 to 77.70): BM017871.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM017871.D (-2129) (-)

Ion 105.00 (104.70 to 105.70): BM017871.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM017871.D (-2129) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

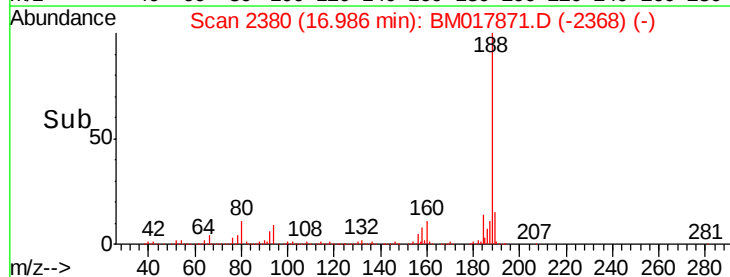
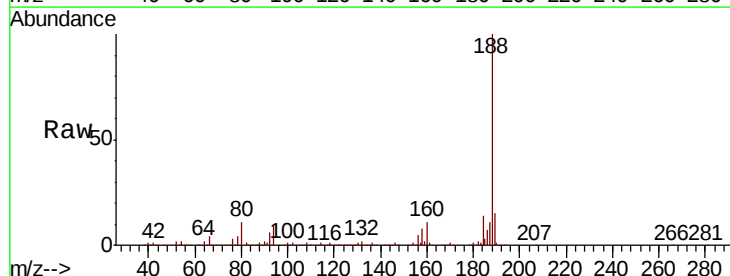
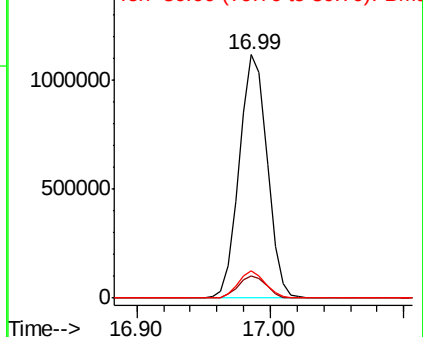
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	11.1	8.6	13.0

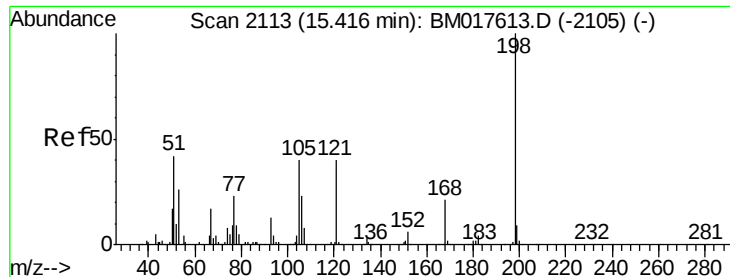
Abundance

Ion 188.00 (187.70 to 188.70): BM017871.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017871.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017871.D (-2368) (-)





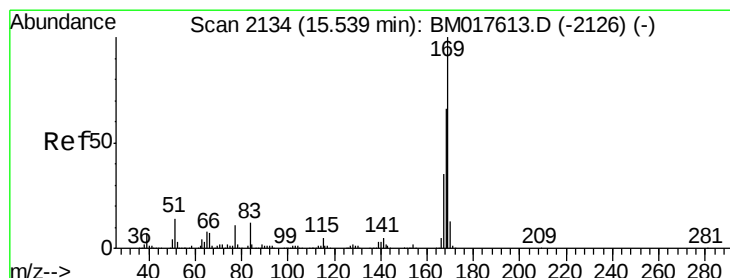
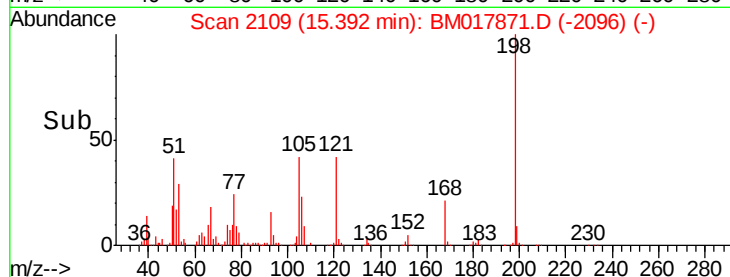
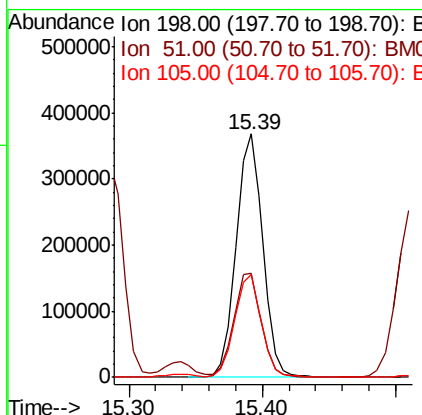
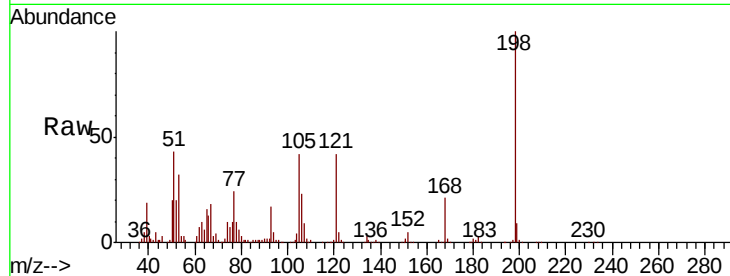
#65
4,6-Dinitro-2-methylphenol
Concen: 45.378 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	509627		
51	42.9	25.9	65.9	
105	42.2	20.6	60.6	

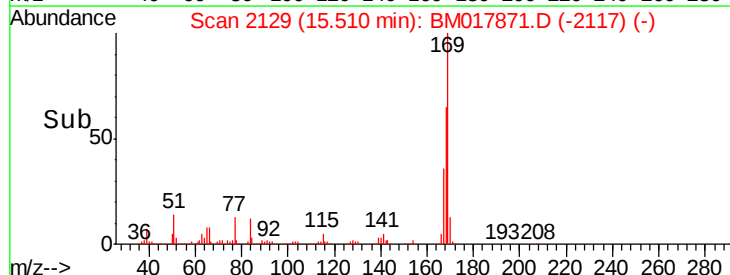
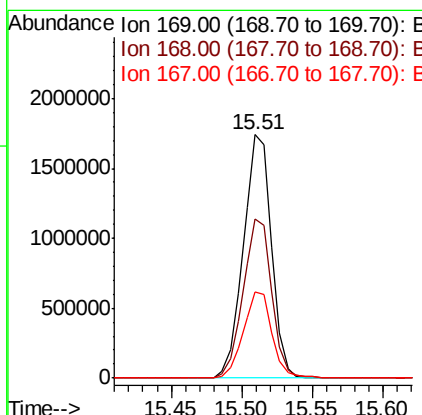
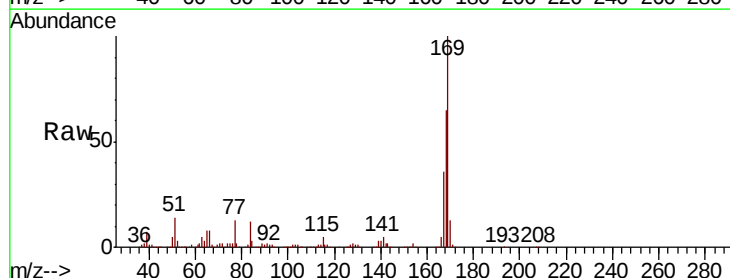
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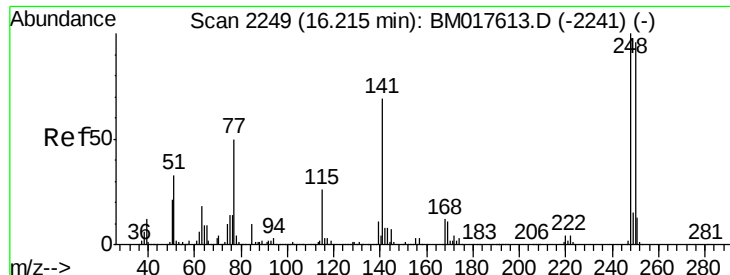
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.485 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2422887		
168	65.4	53.0	79.6	
167	35.5	28.0	42.0	





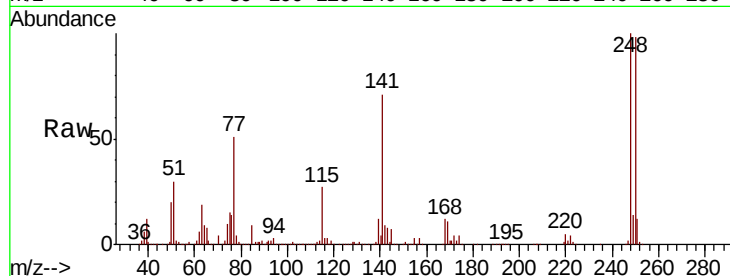
#67
4-Bromophenyl-phenylether
Concen: 46.128 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.5	114.7
141	71.3	54.9	82.3

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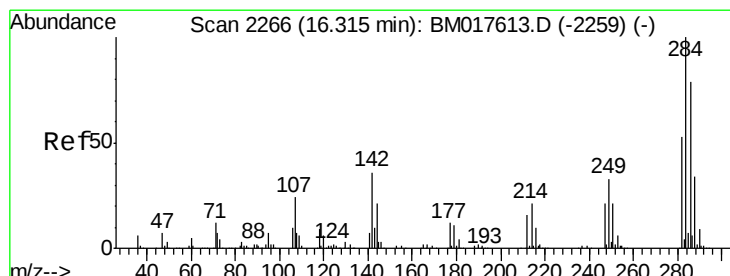
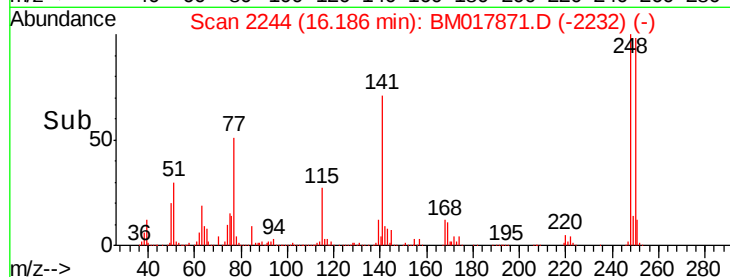
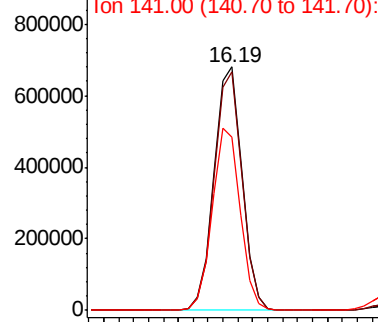


Abundance

Ion 248.00 (247.70 to 248.70): E

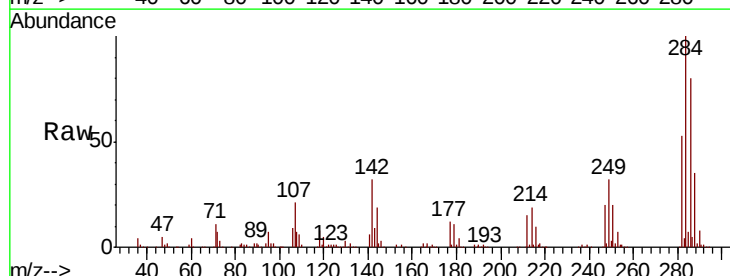
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.500 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	28.4	42.6
249	31.8	26.4	39.6

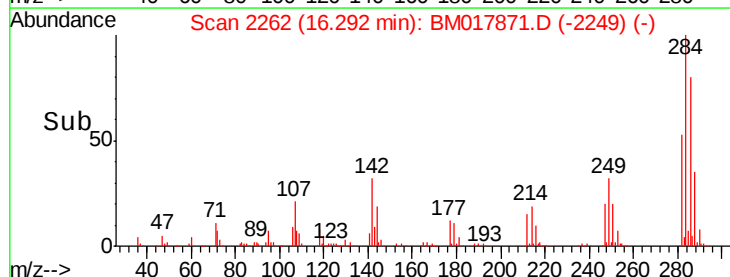
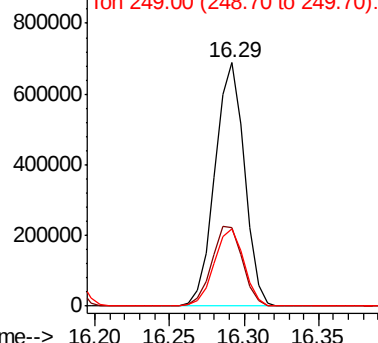


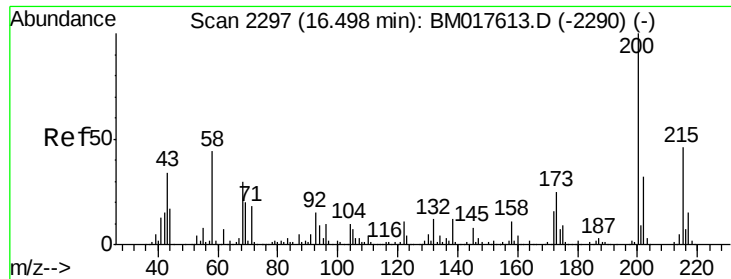
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





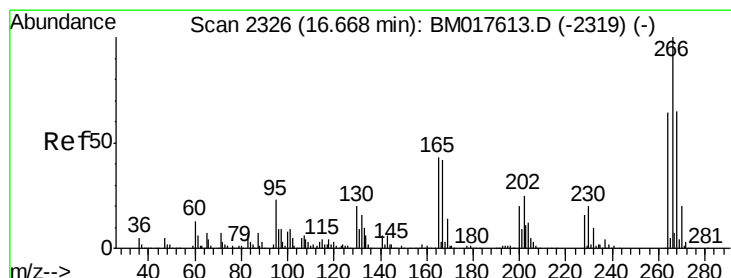
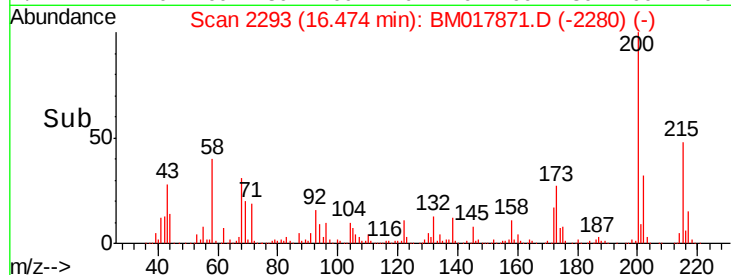
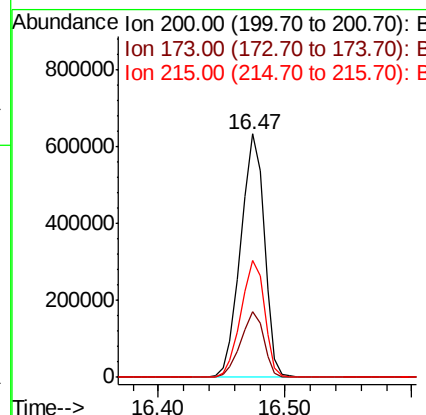
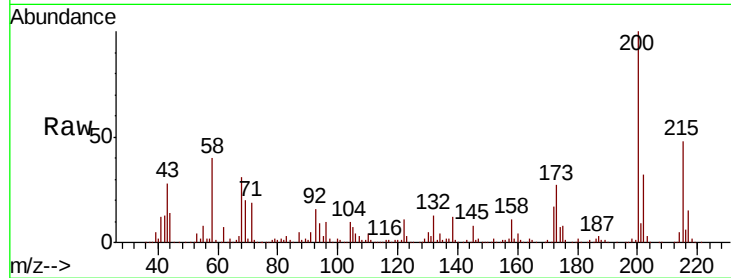
#69
 Atrazine
 Concen: 42.717 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	5.1	45.1
215	48.2	25.8	65.8

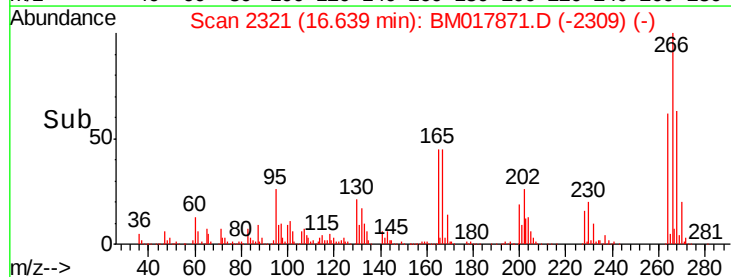
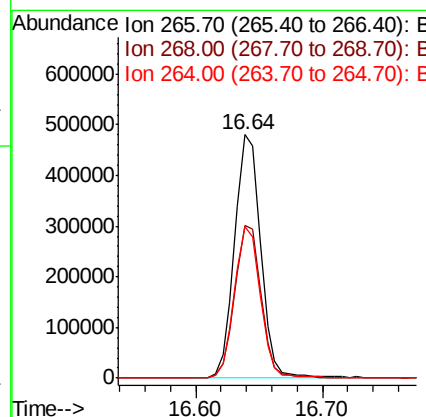
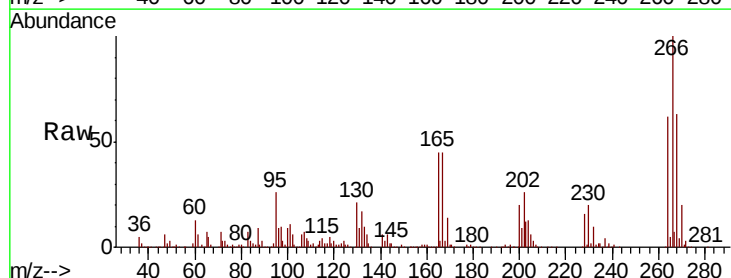
Manual Integrations
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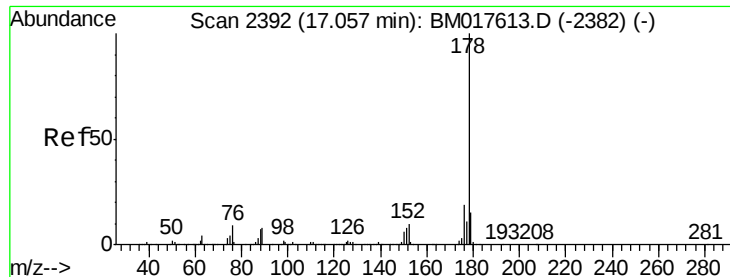
mohammad
 12/3/2018 4:58:33 PM



#70
 Pentachlorophenol
 Concen: 45.048 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	51.7	77.5
264	62.4	51.3	76.9





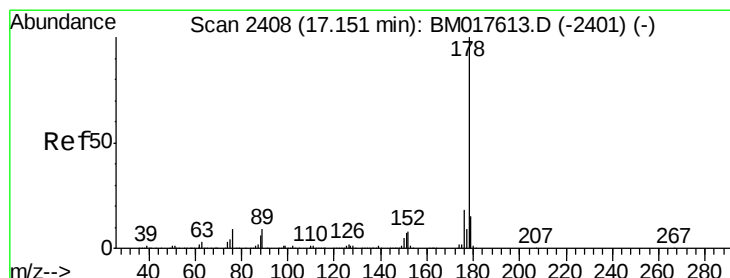
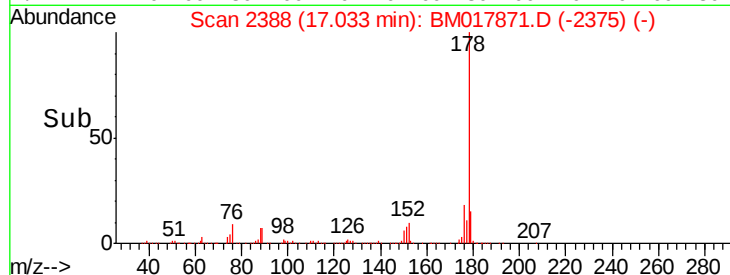
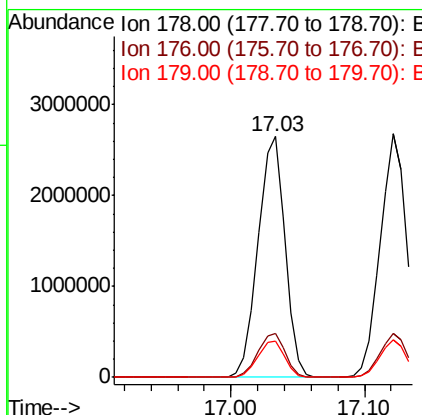
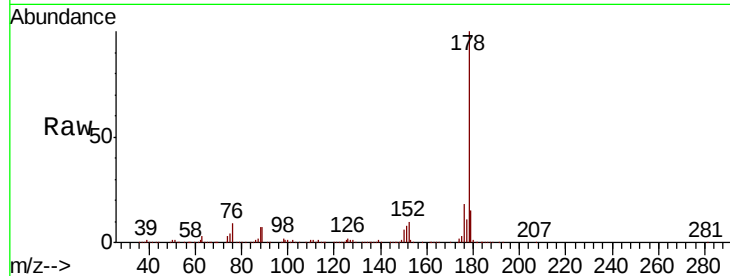
#71
Phenanthrene
Concen: 41.859 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 3682297
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.4 18.6

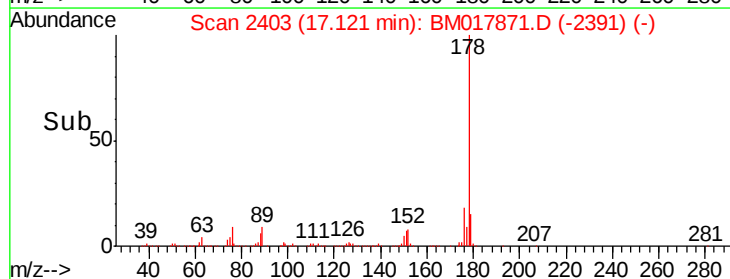
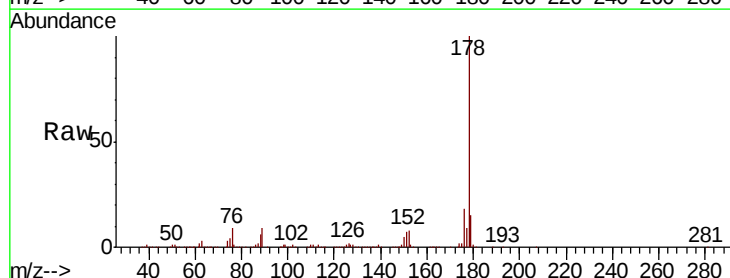
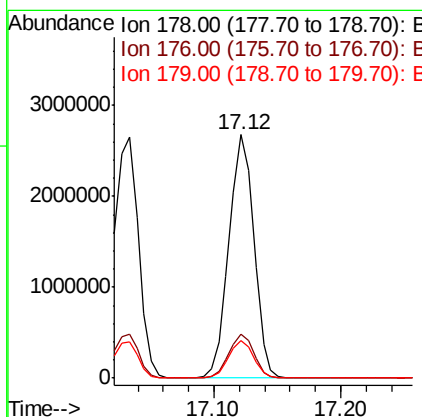
Manual Integrations
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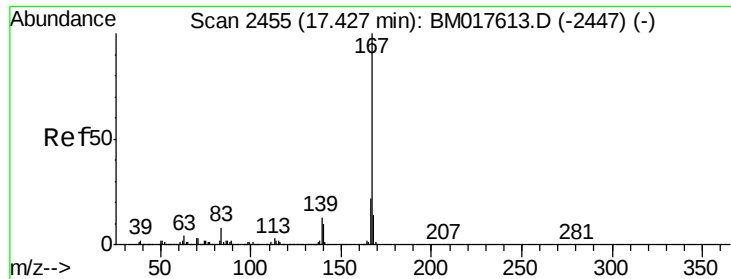
mohammad
12/3/2018 4:58:33 PM



#72
Anthracene
Concen: 42.632 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion:178 Resp: 3649338
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.2 12.3 18.5





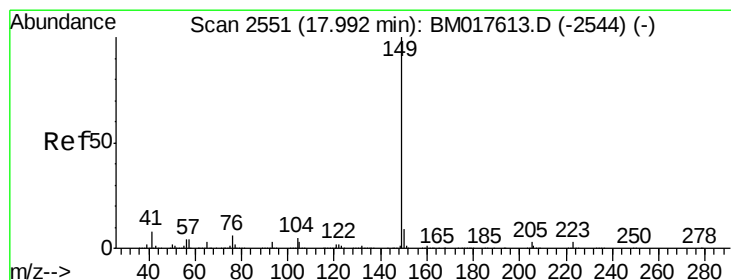
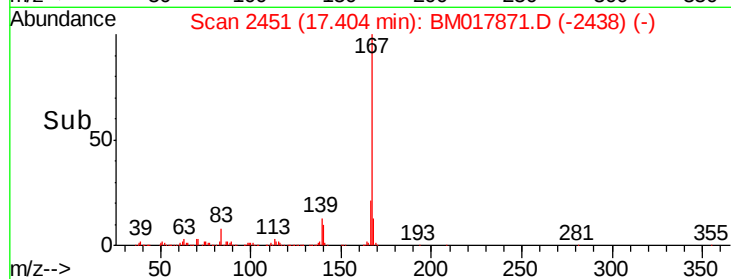
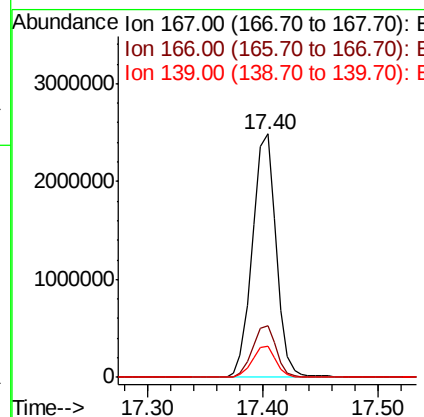
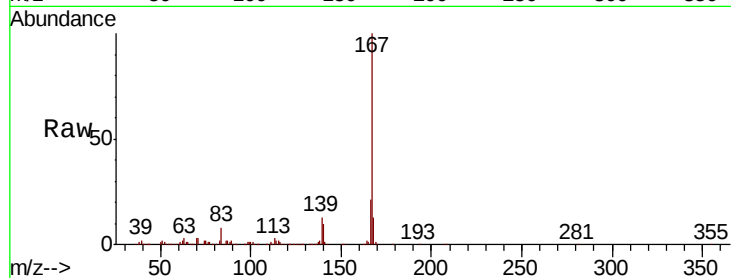
#73
 Carbazole
 Concen: 41.334 ng
 RT: 17.40 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.8	10.2	15.4

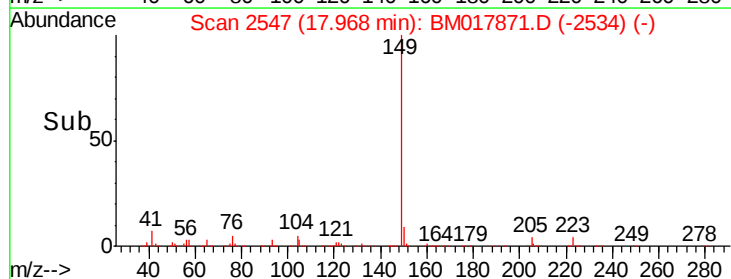
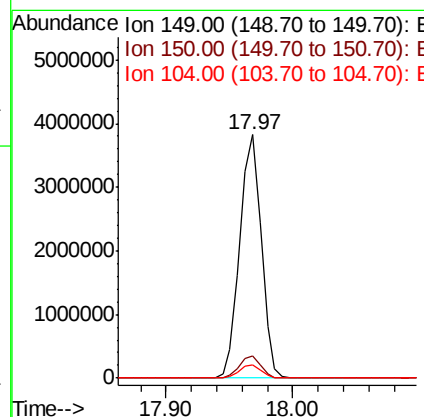
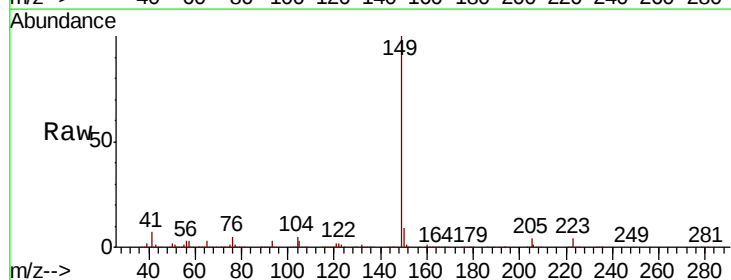
Manual Integrations
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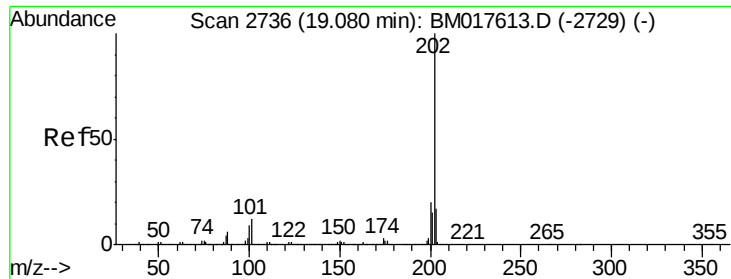
mohammad
 12/3/2018 4:58:33 PM



#74
 Di-n-butylphthalate
 Concen: 46.519 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 36.162 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017871.D

Acq: 02 Dec 2018 00:30

Instrument :

BNA_M

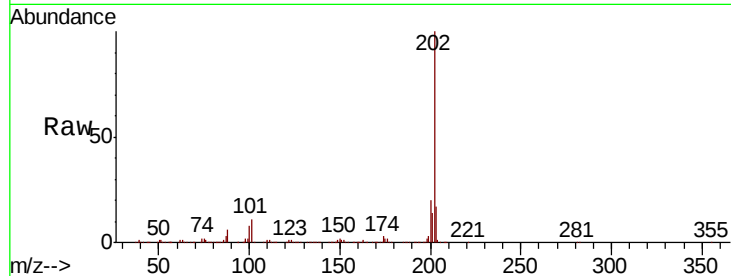
ClientSampleId :

SSTDCCC040

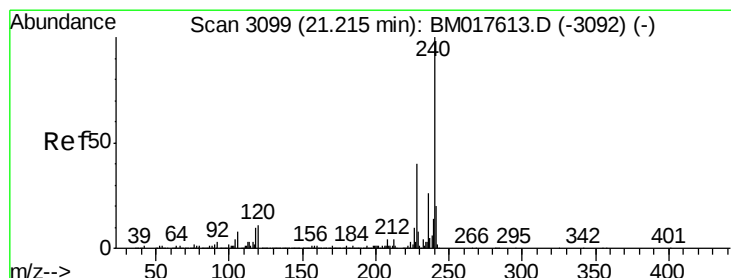
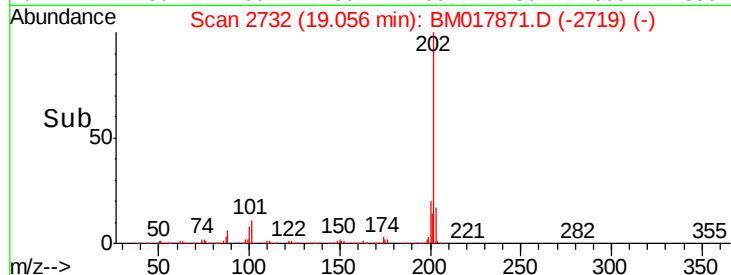
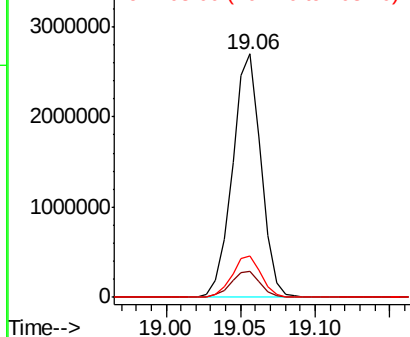
Tot Ion:	202	Resp:	3599326
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.2	0.0	37.2

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



#76

Chrysene-d12

Concen: 20.000 ng

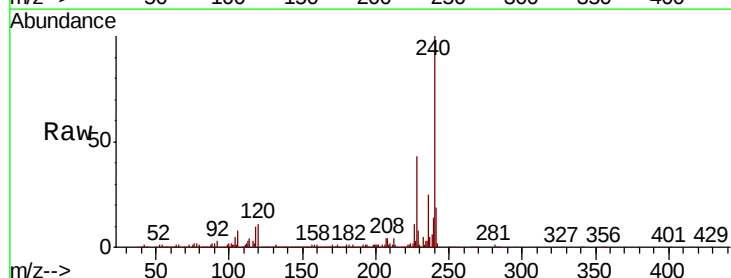
RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

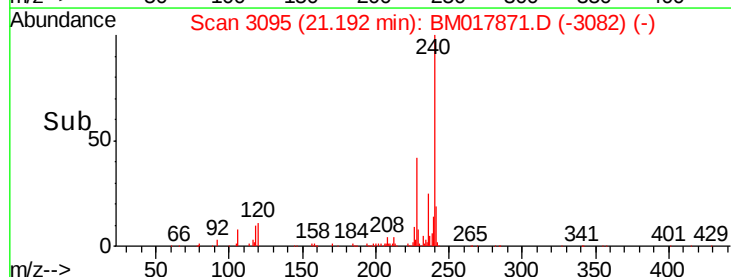
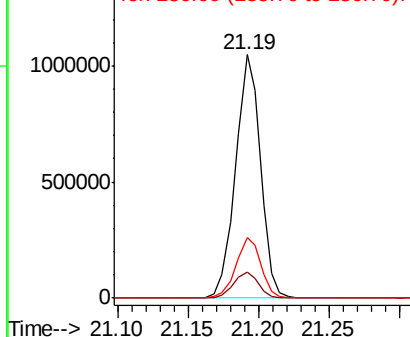
Lab File: BM017871.D

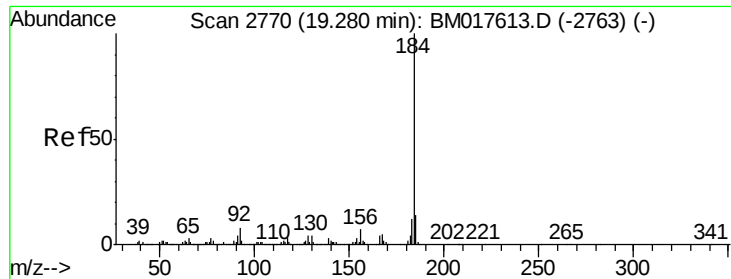
Acq: 02 Dec 2018 00:30

Tgt Ion:	240	Resp:	1285015
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.5	12.7
236	24.7	20.4	30.6



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





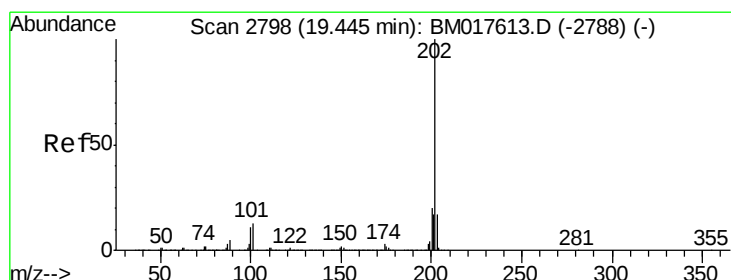
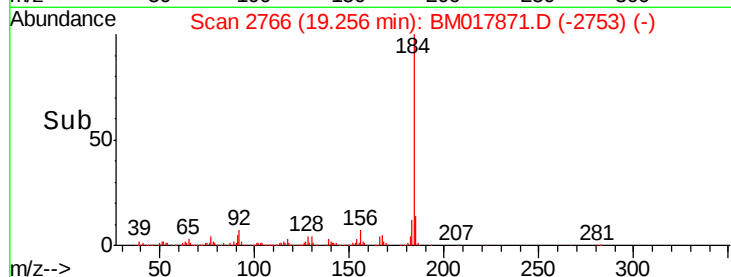
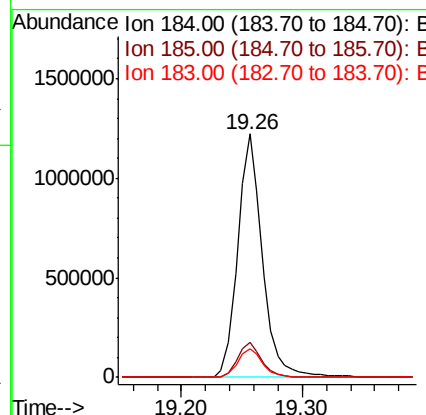
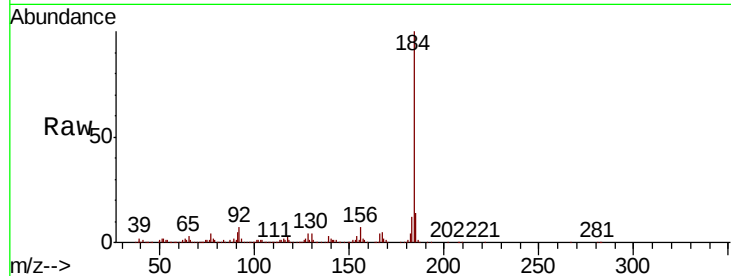
#77
Benzidine
Concen: 41.397 ng
RT: 19.26 min Scan# 2766
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.2	16.8
183	11.7	9.5	14.3

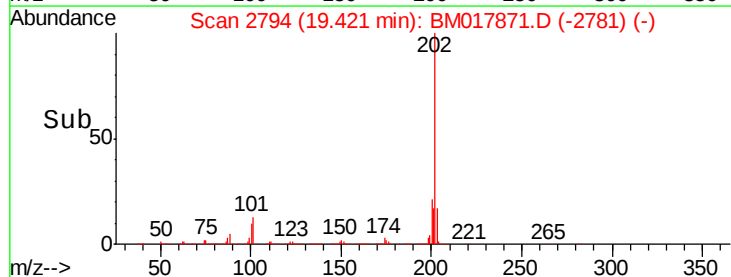
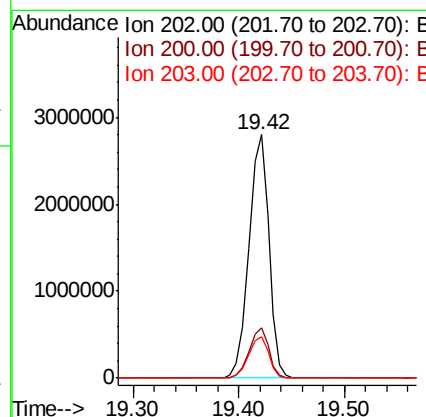
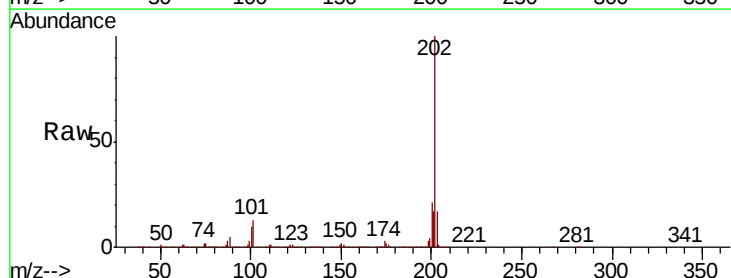
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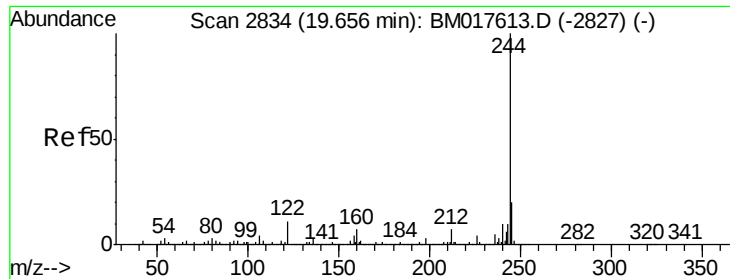
mohammad
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#78
Pyrene
Concen: 46.283 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.2	13.8	20.8





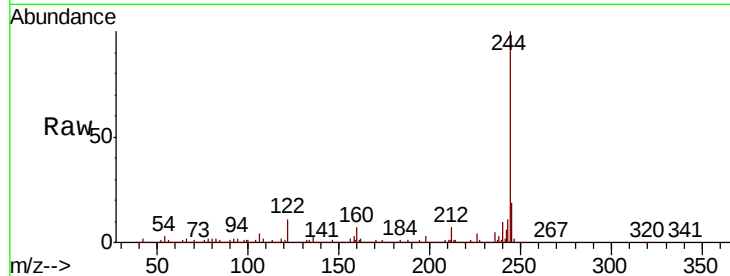
#79
 Terphenyl-d14
 Concen: 94.266 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

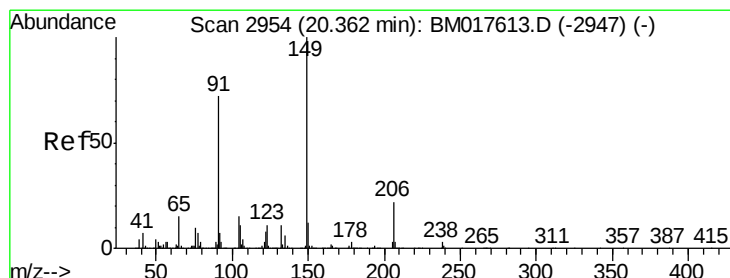
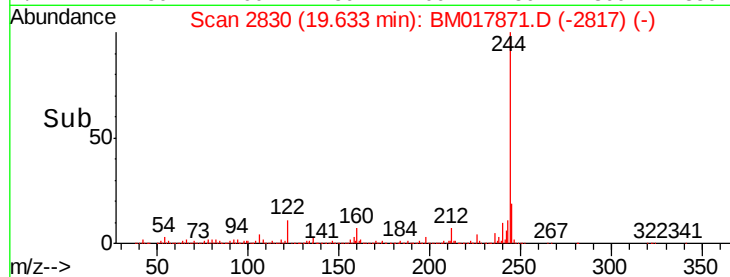
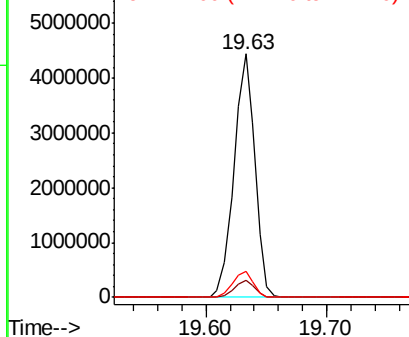
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.7	9.0	13.6

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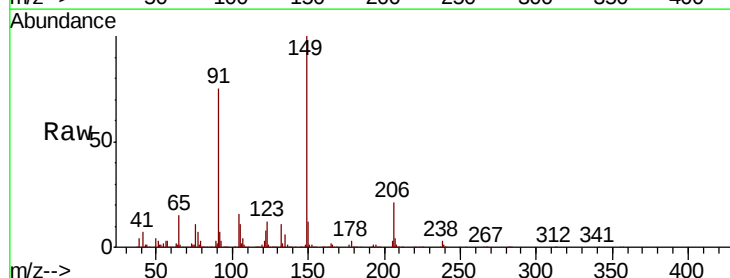


Abundance Ion 244.00 (243.70 to 244.70): E
 6000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

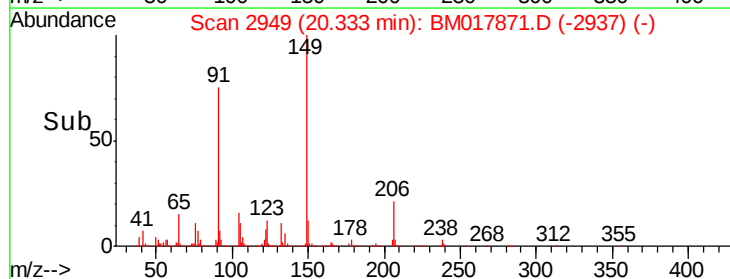
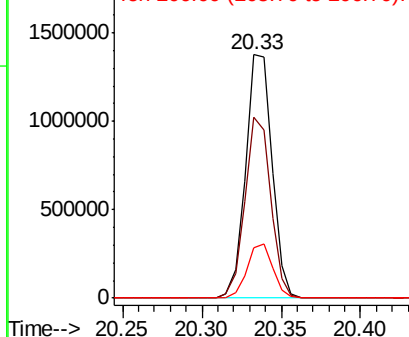


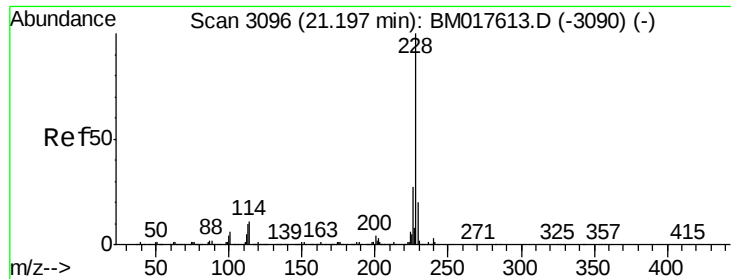
#80
 Butylbenzylphthalate
 Concen: 49.389 ng
 RT: 20.33 min Scan# 2949
 Delta R.T. -0.03 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	57.6	86.4
206	20.8	17.4	26.0



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





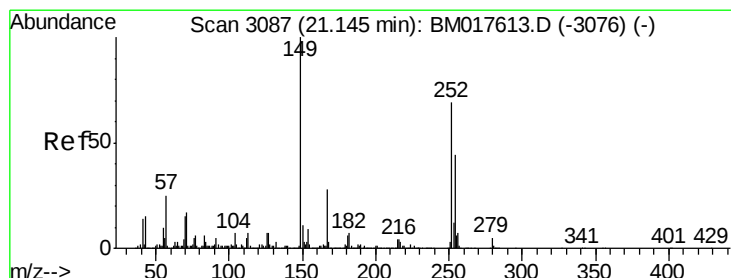
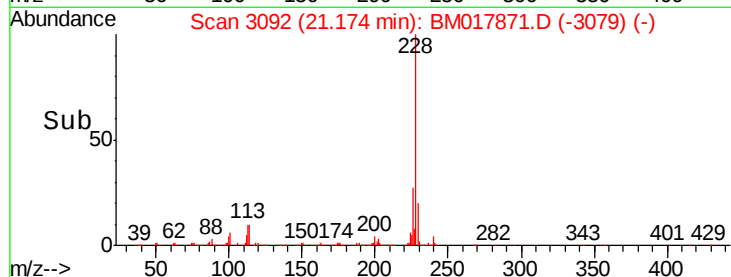
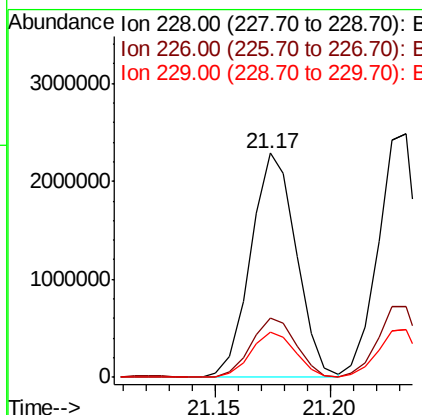
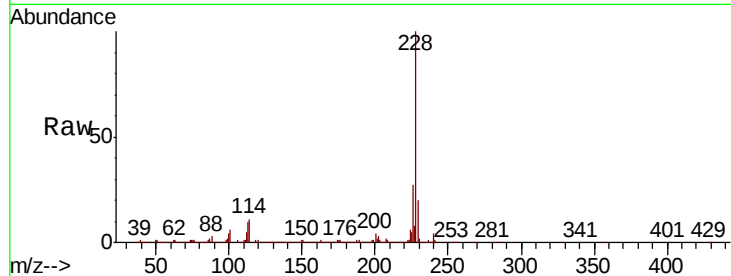
#81
Benzo(a)anthracene
Concen: 42.360 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 3135965
Ion Ratio Lower Upper
228 100
226 26.7 21.3 31.9
229 20.0 16.0 24.0

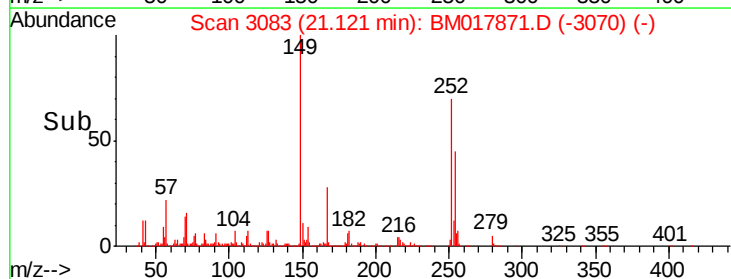
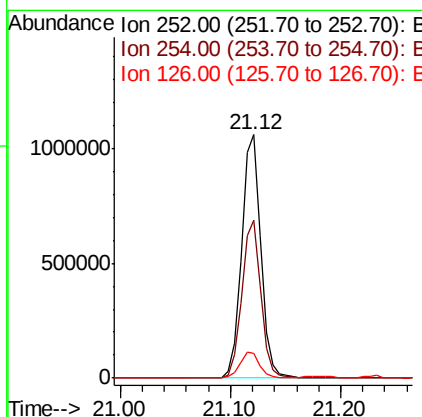
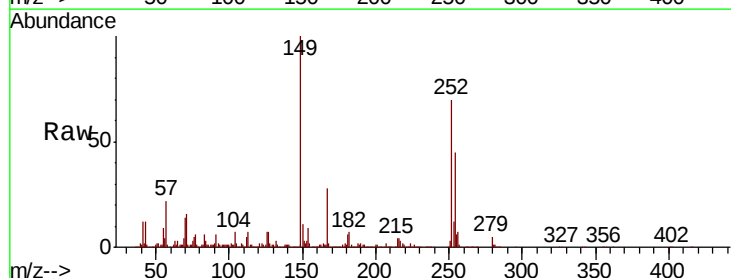
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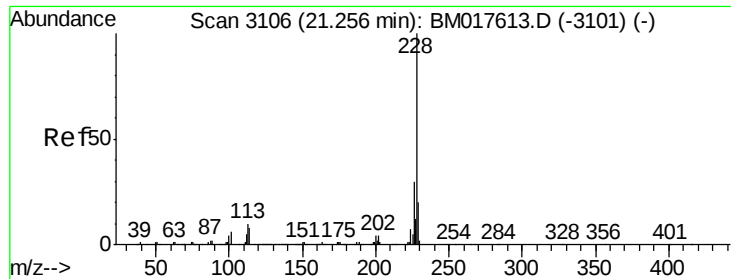
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 45.401 ng
RT: 21.12 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion:252 Resp: 1297228
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 10.4 8.0 12.0





#83
 Chrvsene
 Concen: 41.733 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

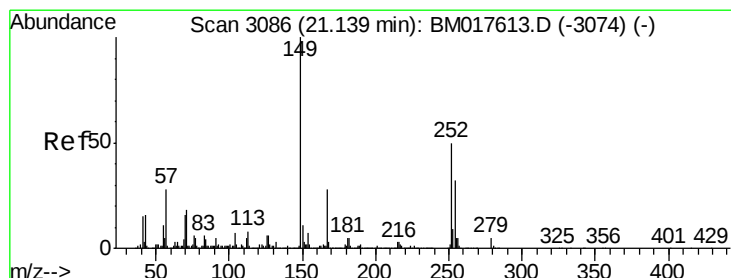
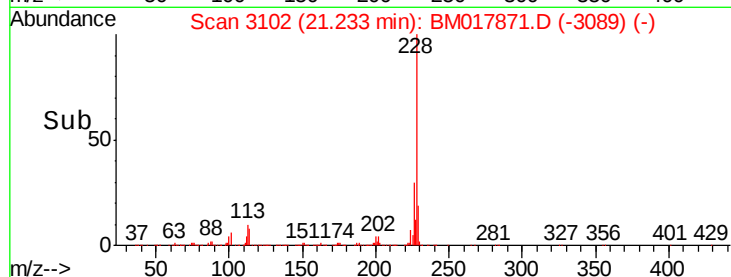
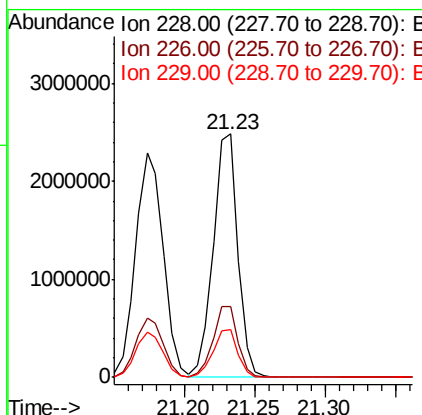
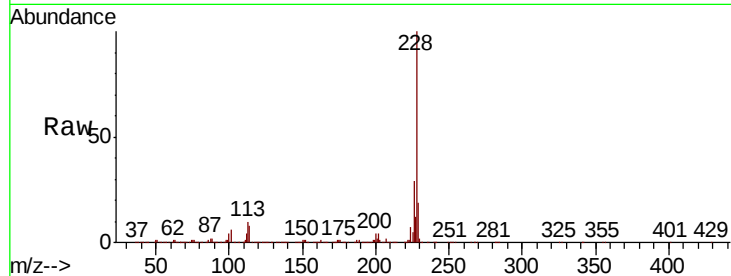
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 3000808

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.4	15.8	23.6

Manual Integrations
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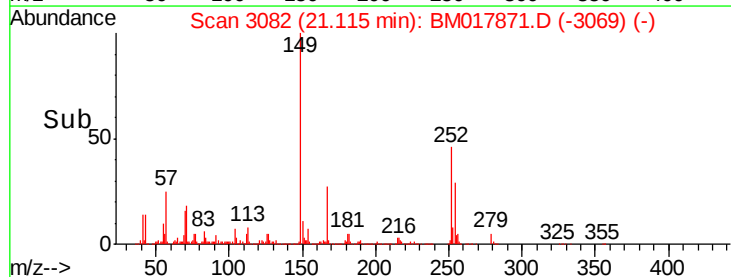
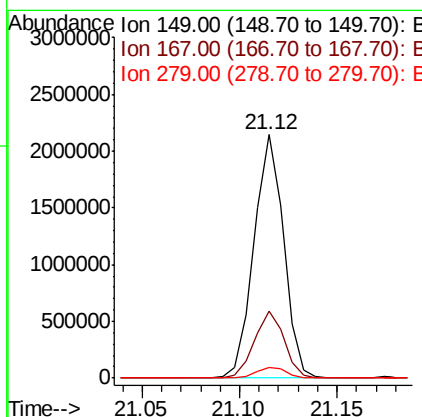
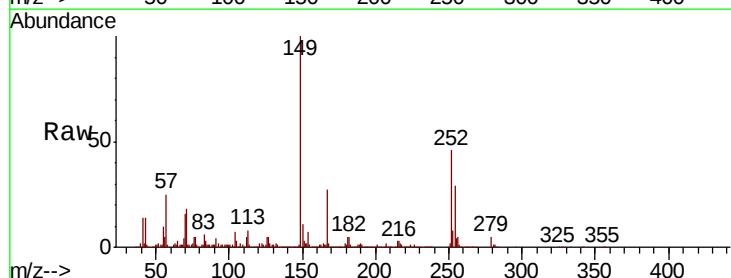
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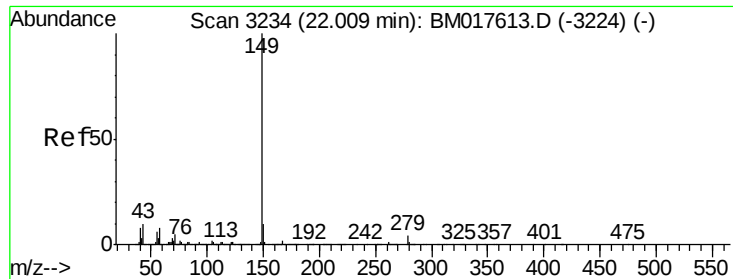


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.490 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM017871.D
 Acq: 02 Dec 2018 00:30

Tgt Ion:149 Resp: 2260849

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	4.6	3.7	5.5





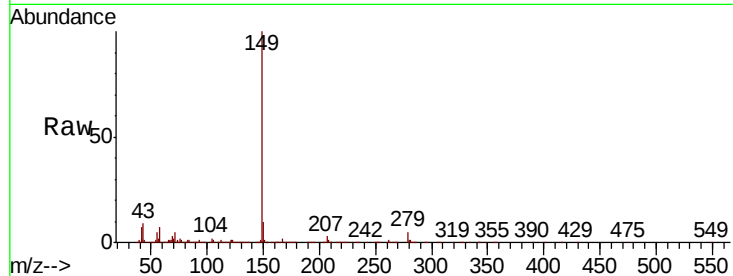
#85
Di-n-octyl phthalate
Concen: 45.396 ng
RT: 21.99 min Scan# 3230
Delta R.T. -0.02 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	8.3	12.5

Manual Integrations
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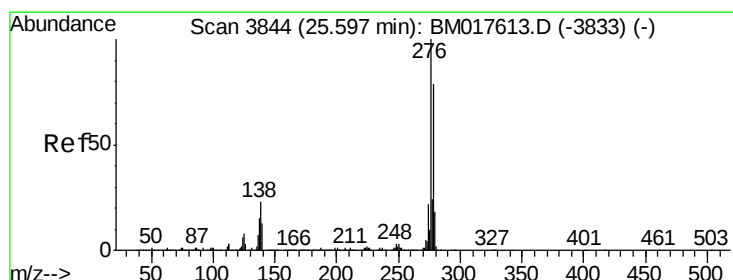
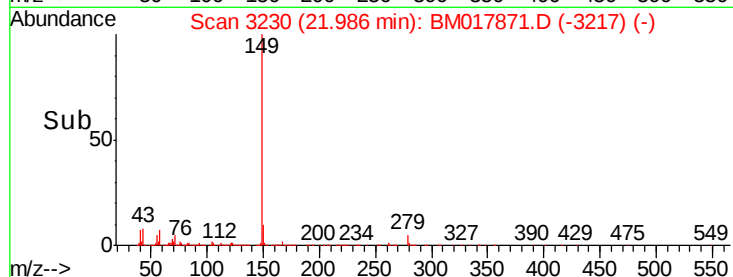
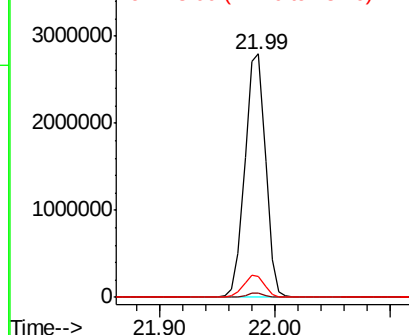


Abundance

Ion 149.00 (148.70 to 149.70): E

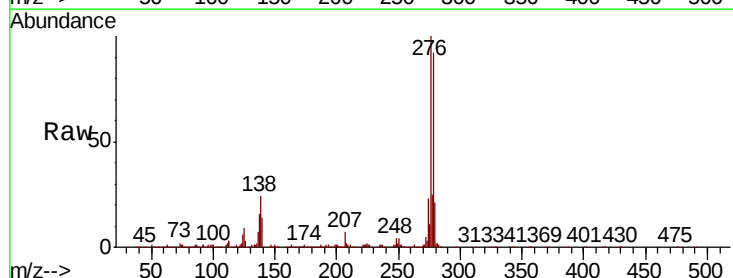
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.253 ng
RT: 25.55 min Scan# 3836
Delta R.T. -0.05 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.1	28.7
277	25.0	20.0	30.0

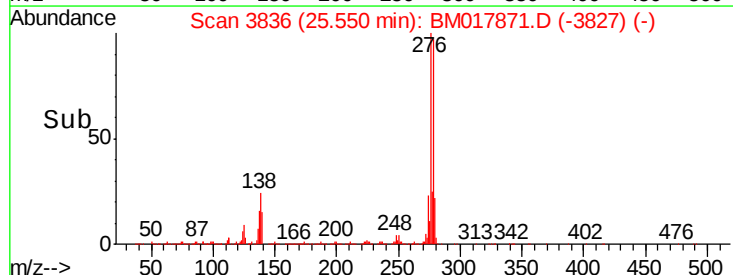
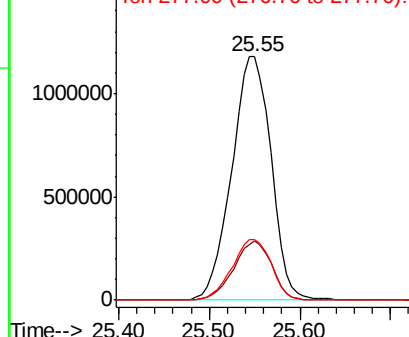


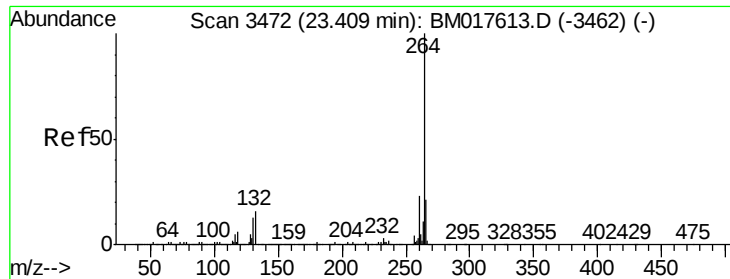
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





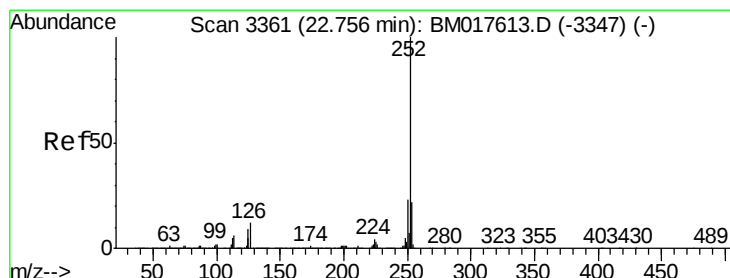
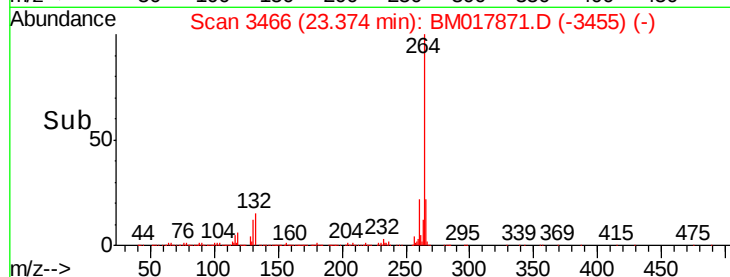
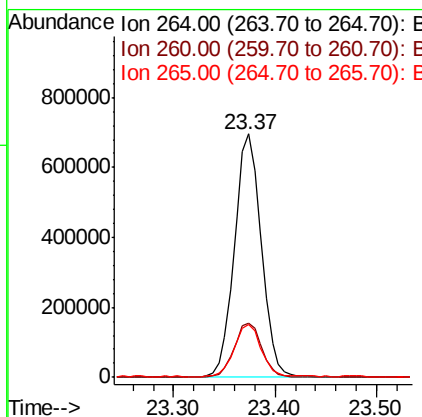
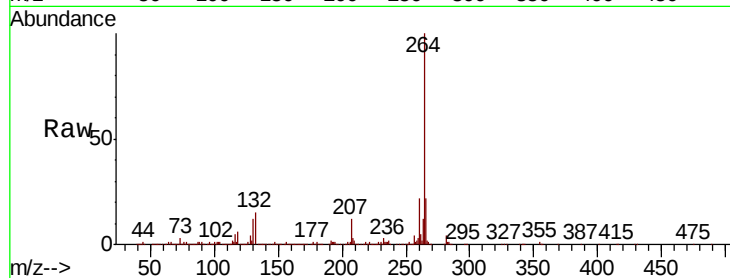
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	22.0	17.5	26.3

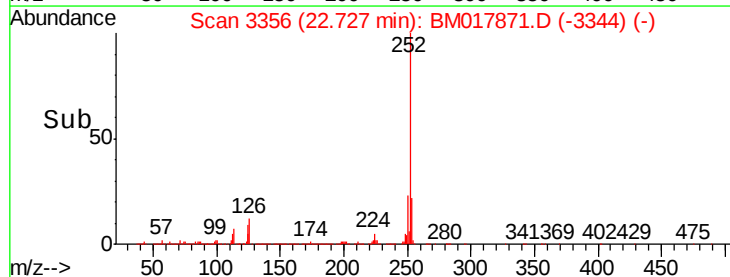
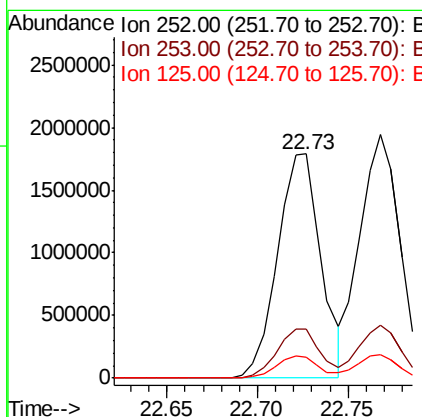
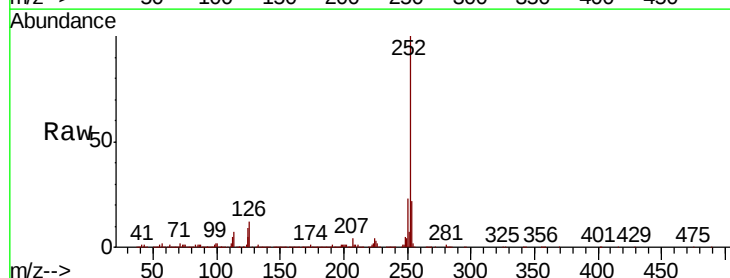
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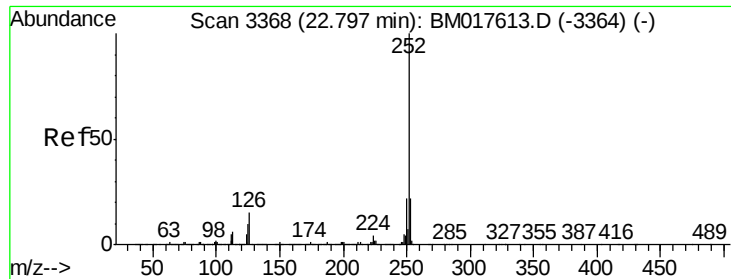
mohammad
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#88
Benzo(b)fluoranthene
Concen: 39.798 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.3	7.6	11.4





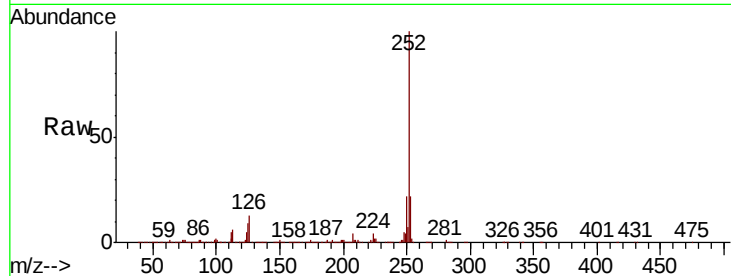
#89
Benzo(k)fluoranthene
Concen: 39.219 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.4	7.9	11.9

Manual Integrations
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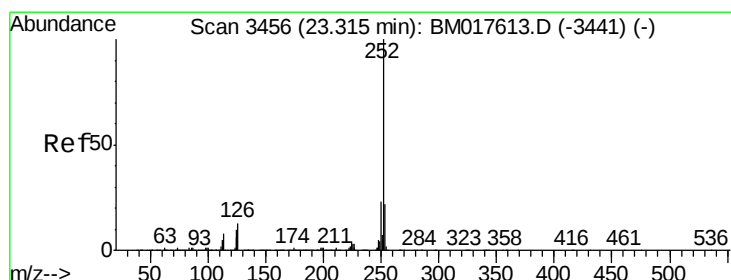
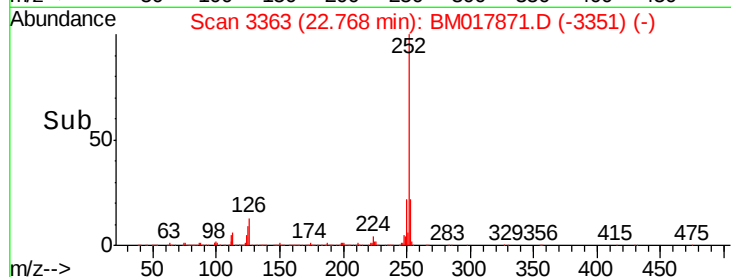
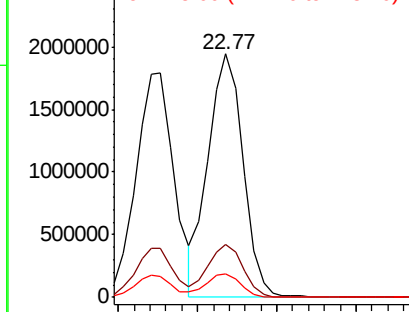


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 42.323 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

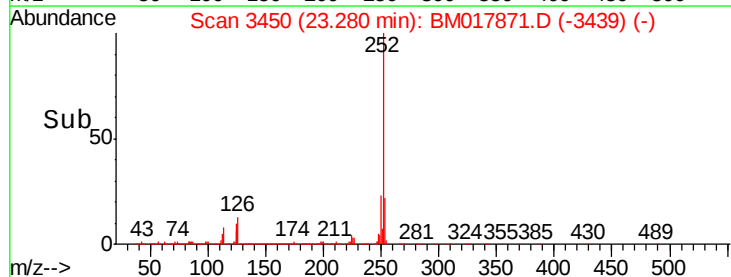
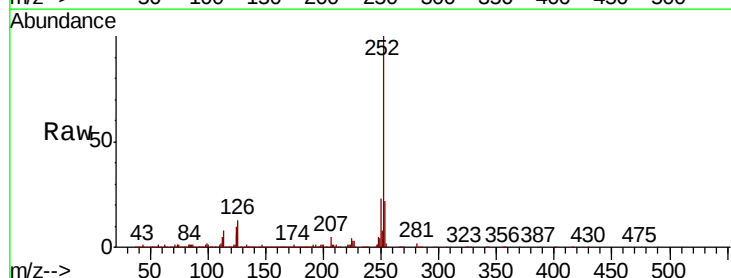
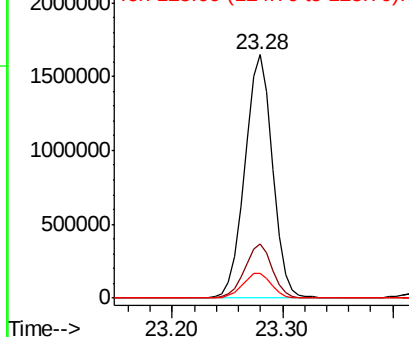
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.4	8.2	12.2

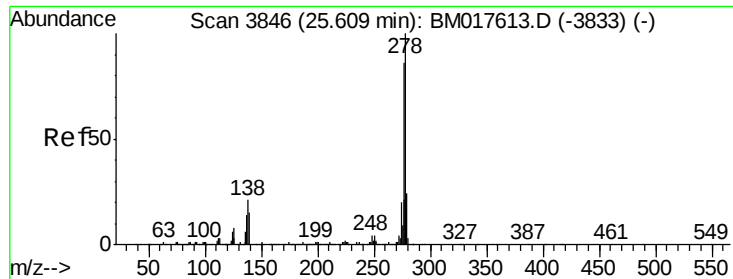
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





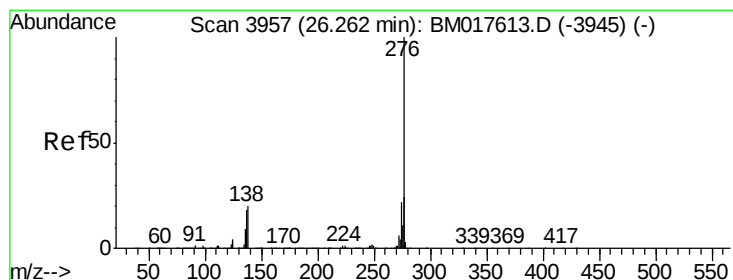
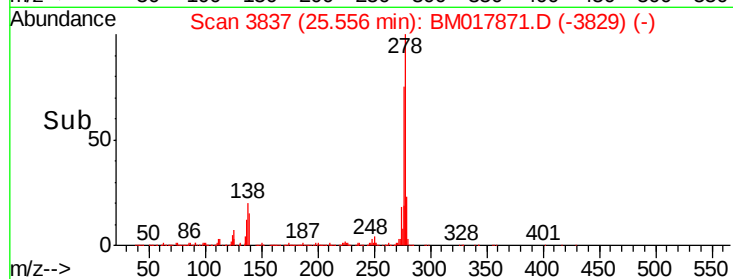
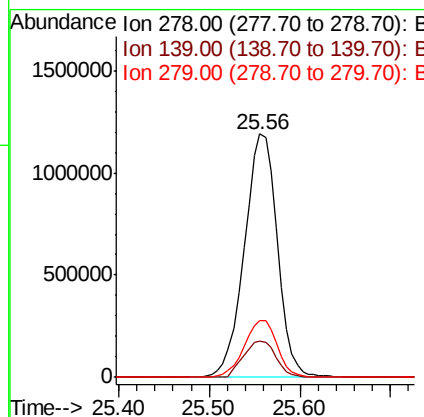
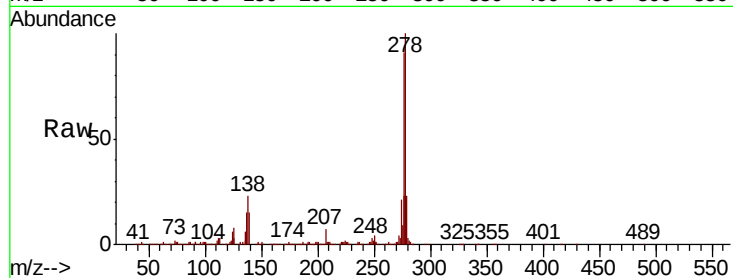
#91
Dibenzo(a,h)anthracene
Concen: 52.200 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.05 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	23.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:33 PM



#92
Benzo(g,h,i)perylene
Concen: 53.741 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.05 min
Lab File: BM017871.D
Acq: 02 Dec 2018 00:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	19.6	15.9	23.9

