

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM113018\
 Data File : BM017816.D
 Acq On : 30 Nov 2018 10:04
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 12/3/2018 3:34:22 PM

Quant Time: Nov 30 14:09:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 30 13:21:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	228047	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	963212	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	529035	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1054292	20.00	ng	0.00
76) Chrysene-d12	21.19	240	847401	20.00	ng	0.00
87) Perylene-d12	23.38	264	818284	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	995173	73.65	ng	0.00
7) Phenol-d6	6.77	99	1387725	73.53	ng	0.00
23) Nitrobenzene-d5	8.75	82	1467337	78.64	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	575509	75.71	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	3321851	81.46	ng	0.00
79) Terphenyl-d14	19.63	244	3308255	88.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	193697	34.418	ng	89
3) Pyridine	3.59	79	576828	34.943	ng	88
4) n-Nitrosodimethylamine	3.51	42	225461	31.005	ng	90
6) Aniline	6.93	93	864717	36.948	ng	99
8) 2-Chlorophenol	7.16	128	616341	38.112	ng	96
9) Benzaldehyde	6.75	77	442943	32.219	ng	97
10) Phenol	6.80	94	724277	36.563	ng	97
11) bis(2-Chloroethyl)ether	7.03	93	592950	37.918	ng	96
12) 1,3-Dichlorobenzene	7.47	146	700948	38.633	ng	98
13) 1,4-Dichlorobenzene	7.62	146	721168	38.778	ng	99
14) 1,2-Dichlorobenzene	7.93	146	690690	38.302	ng	99
15) Benzyl Alcohol	7.83	79	562507	37.427	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.12	45	721188	30.290	ng	91
17) 2-Methylphenol	8.03	107	503626	37.740	ng	99
18) Hexachloroethane	8.65	117	266153	40.606	ng	97
19) n-Nitroso-di-n-propylamine	8.40	70	516708	38.131	ng	92
20) 3+4-Methylphenols	8.36	107	696137	37.546	ng	97
22) Acetophenone	8.41	105	951117	39.564	ng	95
24) Nitrobenzene	8.79	77	728085	38.462	ng	99
25) Isophorone	9.30	82	1167248	40.505	ng	99
26) 2-Nitrophenol	9.49	139	353344	40.524	ng	99
27) 2,4-Dimethylphenol	9.55	122	496824	39.536	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	773178	39.615	ng	98
29) 2,4-Dichlorophenol	10.01	162	588134	40.318	ng	100
30) 1,2,4-Trichlorobenzene	10.22	180	679401	40.044	ng	97
31) Naphthalene	10.40	128	1868081	39.446	ng	99
32) Benzoic acid	9.72	122	447262m	39.291	ng	
33) 4-Chloroaniline	10.53	127	796004	38.380	ng	99
34) Hexachlorobutadiene	10.68	225	432555	41.067	ng	99
35) Caprolactam	11.33	113	197830	36.826	ng	# 83
36) 4-Chloro-3-methylphenol	11.66	107	640517	38.031	ng	99
37) 2-Methylnaphthalene	12.03	142	1294404	38.672	ng	99
38) 1-Methylnaphthalene	12.25	142	1256865	38.297	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	774624	41.523	ng	100

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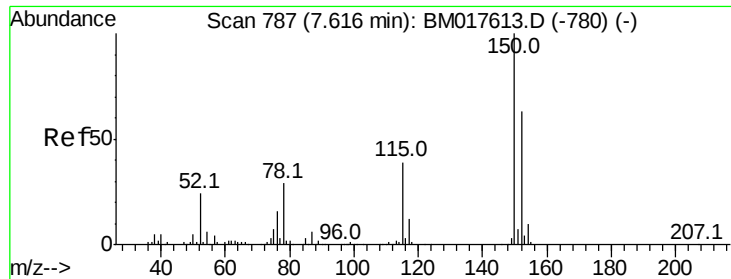
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	411490	42.687	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	493673	42.248	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	493678	40.013	ng	99
46) 1,1'-Biphenyl	13.06	154	1922097	40.476	ng	100
47) 2-Chloronaphthalene	13.10	162	1412853	40.084	ng	99
48) 2-Nitroaniline	13.32	65	415752	38.141	ng	96
49) Acenaphthylene	13.95	152	2102871	39.709	ng	100
50) Dimethylphthalate	13.71	163	1669940	38.825	ng	99
51) 2,6-Dinitrotoluene	13.83	165	373563	39.003	ng	97
52) Acenaphthene	14.30	154	1269846	39.073	ng	100
53) 3-Nitroaniline	14.16	138	392044	37.596	ng	99
54) 2,4-Dinitrophenol	14.37	184	195117	37.520	ng	99
55) Dibenzofuran	14.64	168	2039738	38.405	ng	99
56) 4-Nitrophenol	14.47	139	294069	36.427	ng	99
57) 2,4-Dinitrotoluene	14.63	165	504475	39.074	ng	95
58) Fluorene	15.29	166	1546127	38.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	437734	38.573	ng	98
60) Diethylphthalate	15.08	149	1779177	38.283	ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	879652	38.079	ng	99
62) 4-Nitroaniline	15.33	138	359409	36.571	ng	99
63) Azobenzene	15.59	77	1685271	39.227	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	311413	42.638	ng	95
66) n-Nitrosodiphenylamine	15.51	169	1456696	42.975	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	530978	42.584	ng	94
68) Hexachlorobenzene	16.29	284	571999	40.692	ng	99
69) Atrazine	16.47	200	512199	41.083	ng	97
70) Pentachlorophenol	16.64	266	401017	40.716	ng	99
71) Phenanthrene	17.03	178	2258474	39.478	ng	100
72) Anthracene	17.12	178	2240529	40.248	ng	100
73) Carbazole	17.40	167	2219146	39.450	ng	100
74) Di-n-butylphthalate	17.97	149	2734933	43.675	ng	100
75) Fluoranthene	19.06	202	2265507	35.000	ng	99
77) Benzidine	19.26	184	1200352	43.499	ng	100
78) Pyrene	19.42	202	2293430	43.863	ng	99
80) Butylbenzylphthalate	20.34	149	1009911	47.556	ng	99
81) Benzo(a)anthracene	21.18	228	1910733	39.138	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	793831	42.131	ng	99
83) Chrysene	21.23	228	1857639	39.176	ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	1411233	44.952	ng	100
85) Di-n-octyl phthalate	21.99	149	2161971	43.007	ng	97
86) Indeno(1,2,3-cd)pyrene	25.56	276	2095003	55.290	ng	100
88) Benzo(b)fluoranthene	22.73	252	1814417	37.862	ng	98
89) Benzo(k)fluoranthene	22.77	252	1739496	35.913	ng	99
90) Benzo(a)pyrene	23.29	252	1712558	39.194	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1779510	48.443	ng	98
92) Benzo(g,h,i)perylene	26.21	276	1733342	50.178	ng	100

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



#1

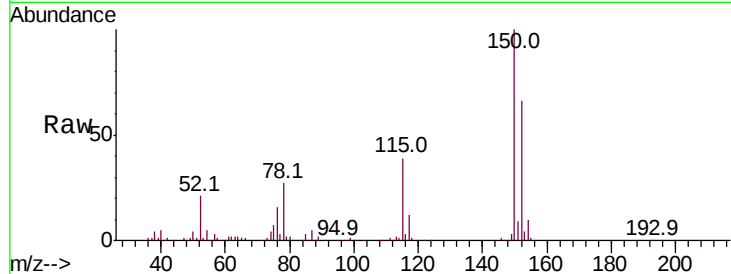
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 782
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.4	189.6
115	59.2	49.4	74.0

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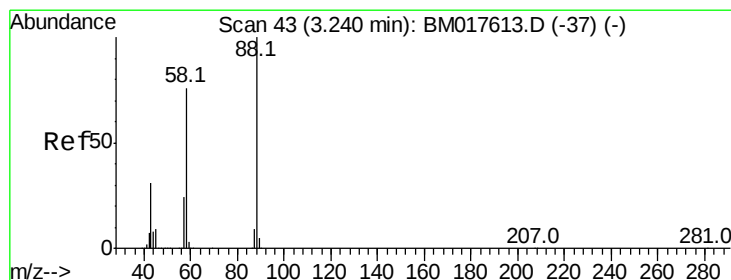
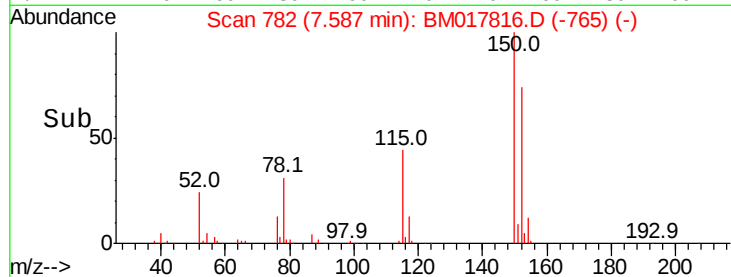
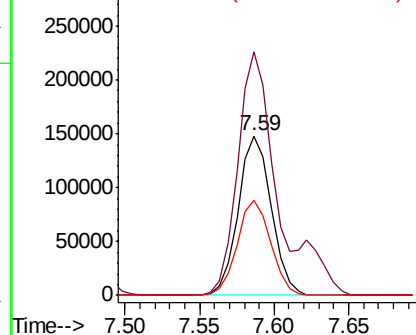


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

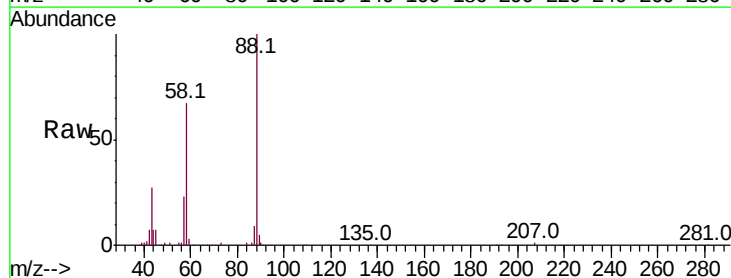
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.418 ng
RT: 3.22 min Scan# 39
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	62.0	93.0
43	28.2	26.8	40.2

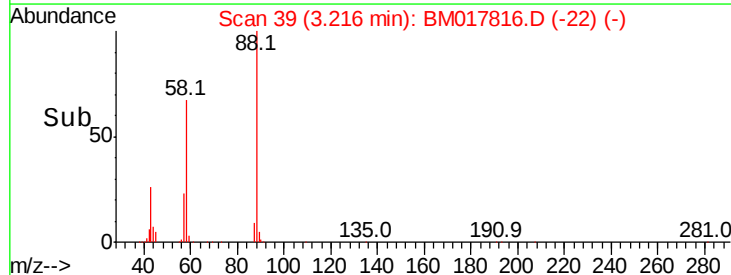
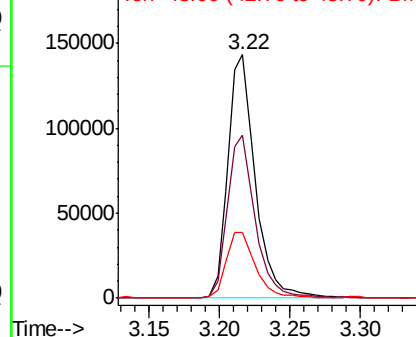


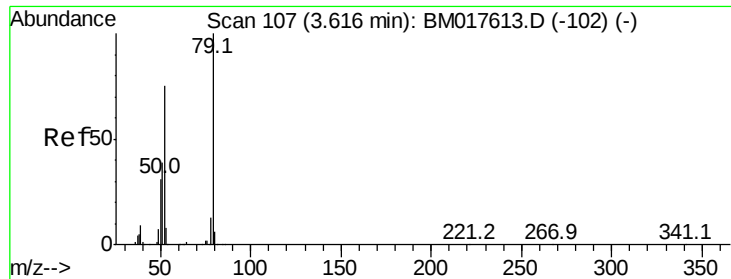
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





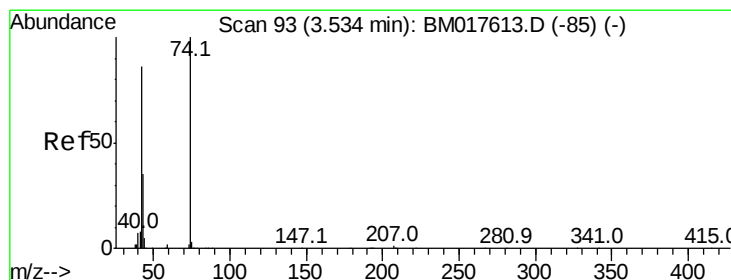
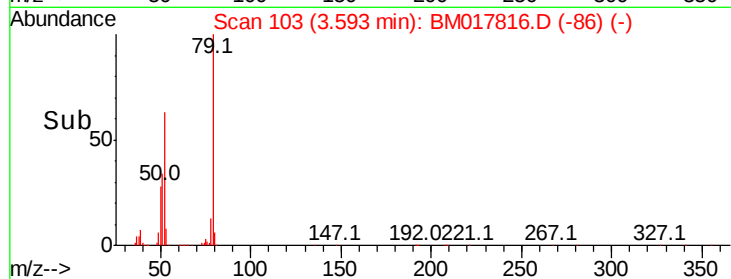
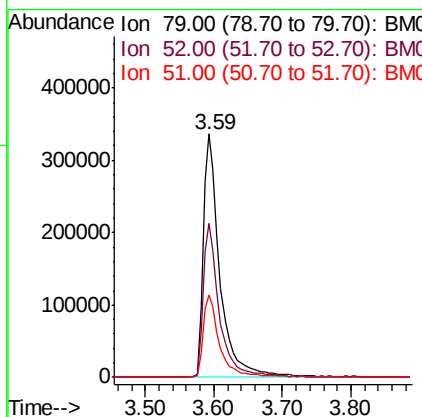
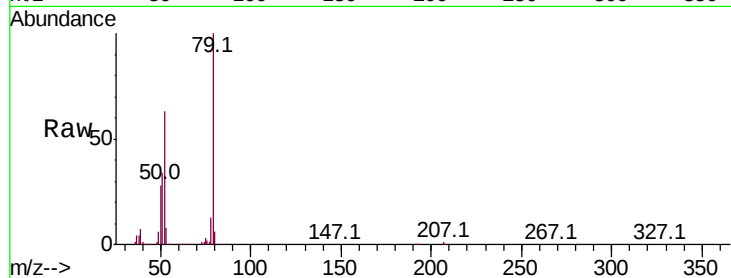
#3
 Pvridine
 Concen: 34.943 ng
 RT: 3.59 min Scan# 103
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Instrument :
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 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.3	60.1	90.1
51	33.9	31.1	46.7

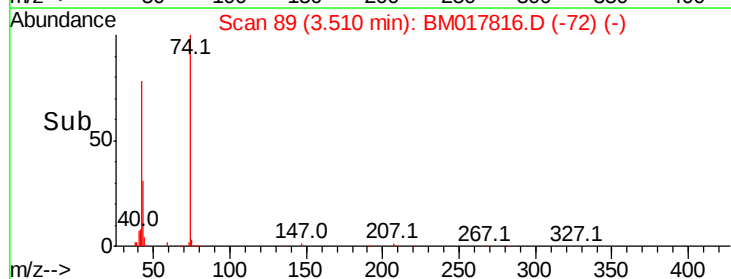
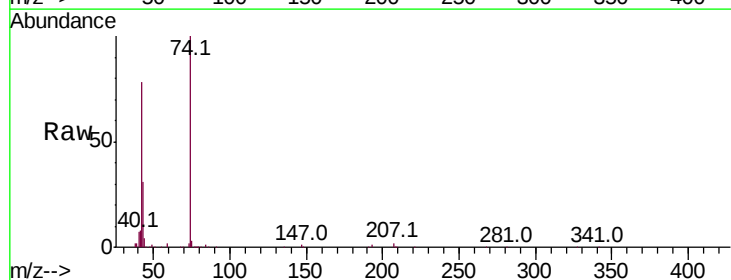
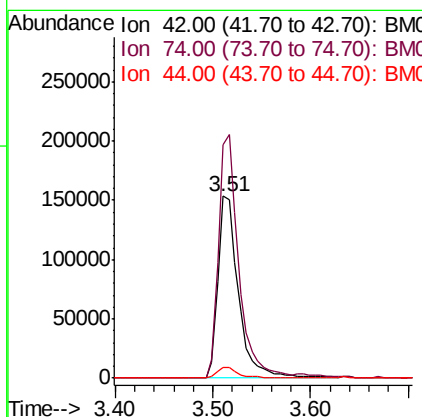
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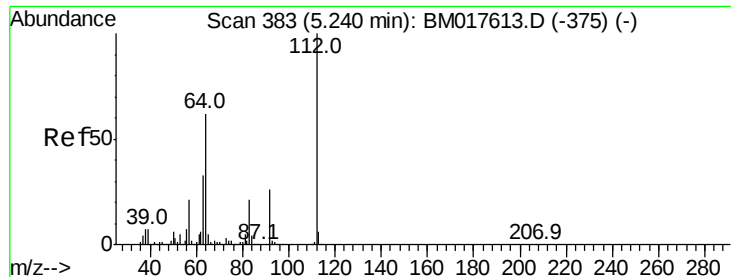
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#4
 n-Nitrosodimethylamine
 Concen: 31.005 ng
 RT: 3.51 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.4	93.1	139.7
44	5.8	5.0	7.6





#5

2-Fluorophenol

Concen: 73.647 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

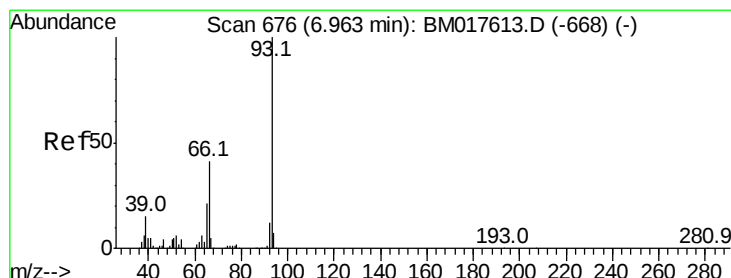
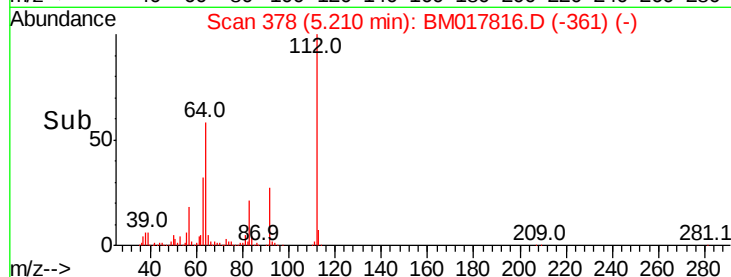
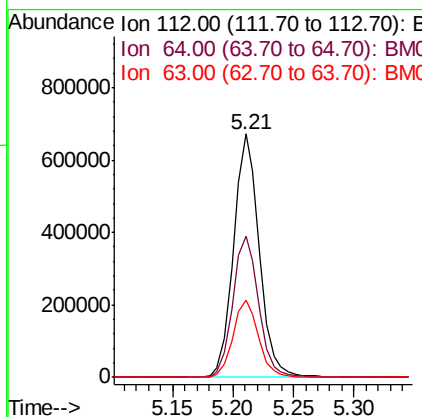
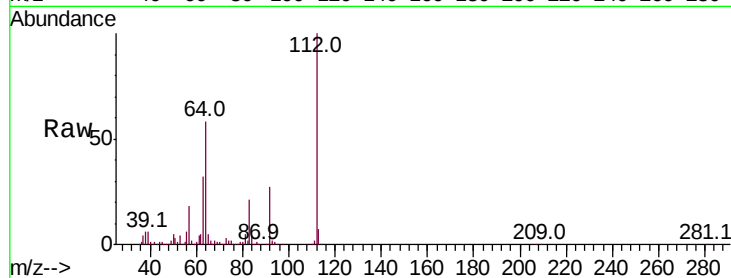
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	995173
Ion Ratio	Lower	Upper	
112	100		
64	58.3	49.3	73.9
63	31.6	26.2	39.4

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#6

Aniline

Concen: 36.948 ng

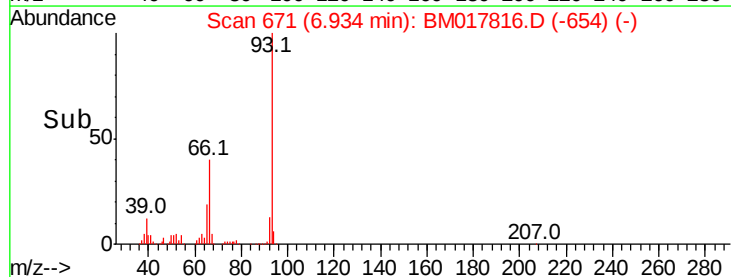
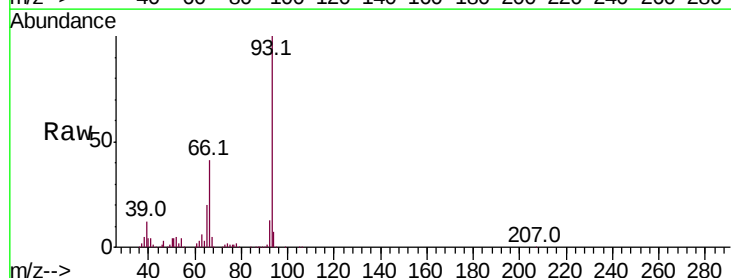
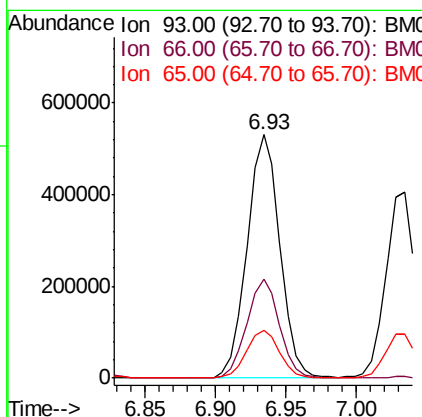
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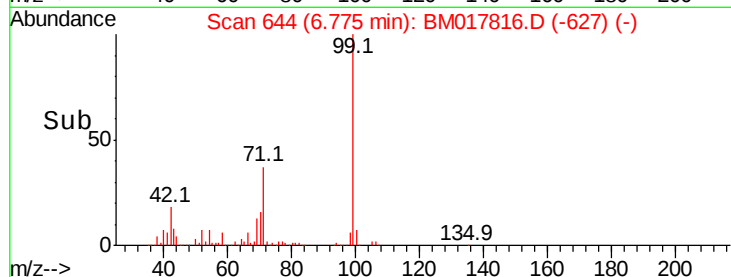
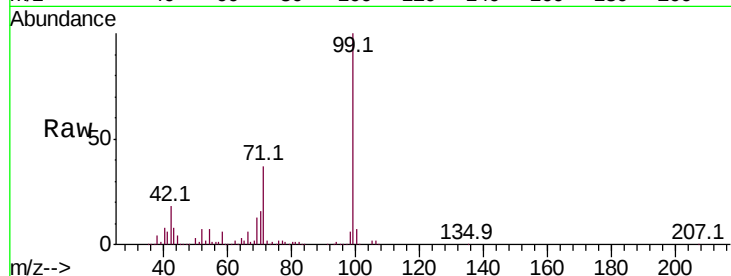
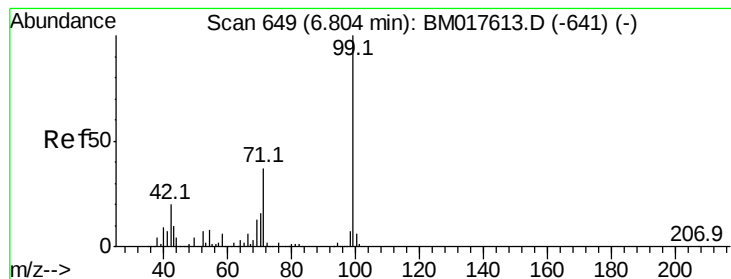
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	93	Resp:	864717
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.8	49.2
65	19.9	16.6	25.0





#7

Phenol-d6

Concen: 73.532 ng

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tot Ion: 99 Resp: 1387725

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

71 36.8 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

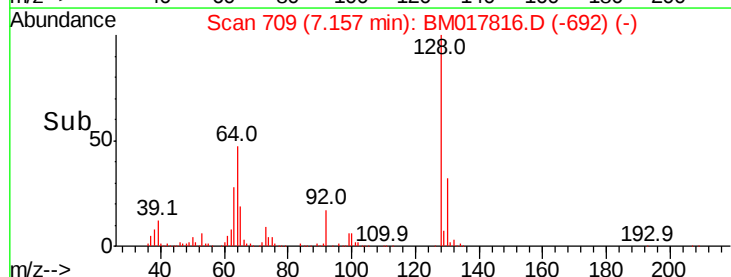
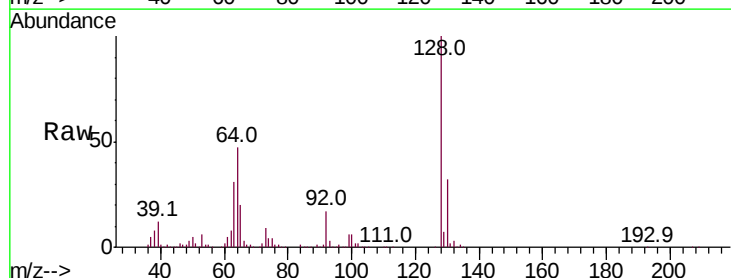
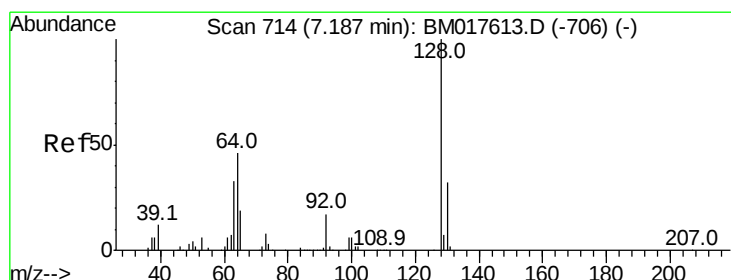
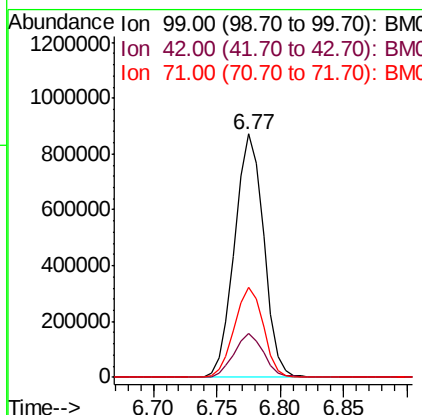
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#8

2-Chlorophenol

Concen: 38.112 ng

RT: 7.16 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

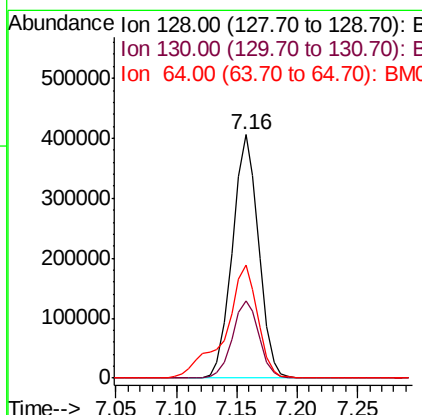
Tgt Ion: 128 Resp: 616341

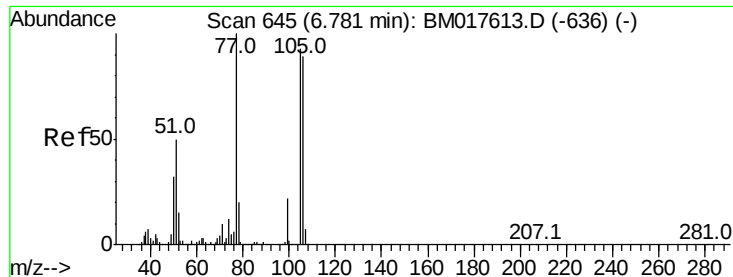
Ion Ratio Lower Upper

128 100

130 31.6 12.4 52.4

64 46.6 30.0 70.0





#9

Benzaldehyde

Concen: 32.219 ng

RT: 6.75 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

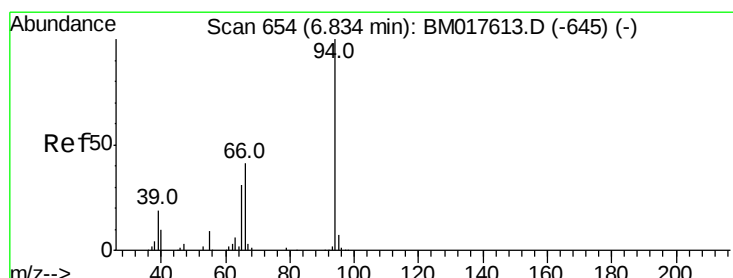
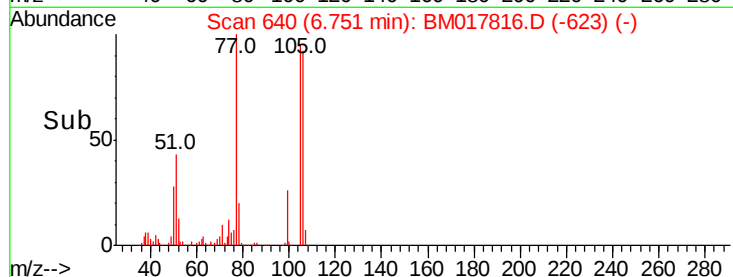
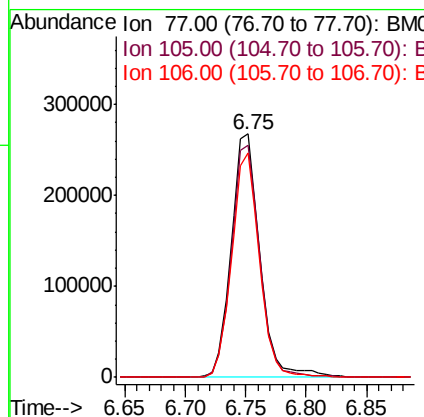
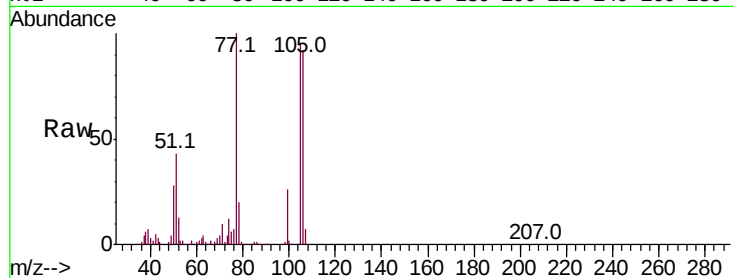
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	442943
Ion	Ratio	Lower	Upper
77	100		
105	95.2	72.7	112.7
106	92.1	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 36.563 ng

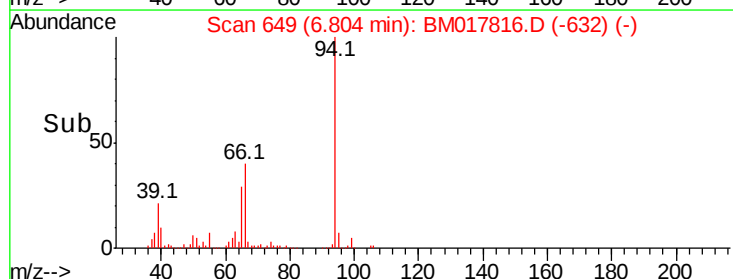
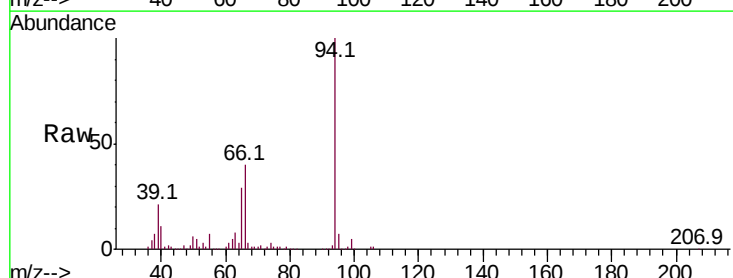
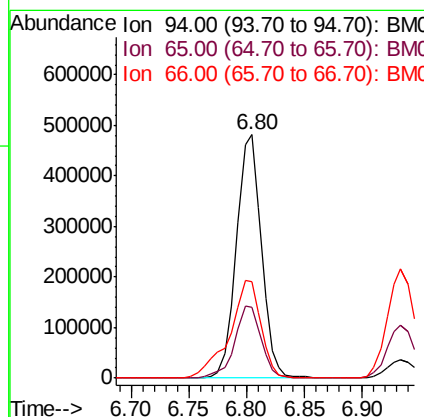
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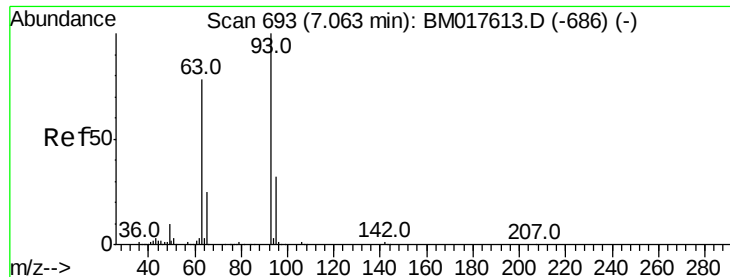
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	94	Resp:	724277
Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.4	51.4
66	39.9	21.4	61.4





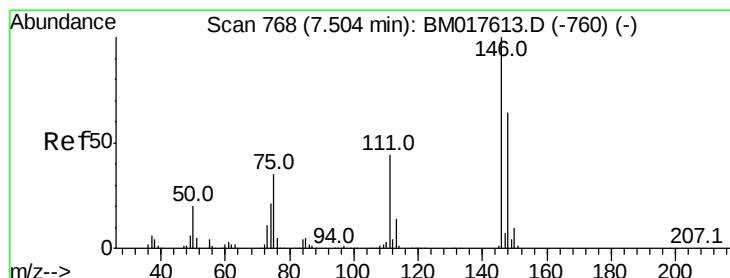
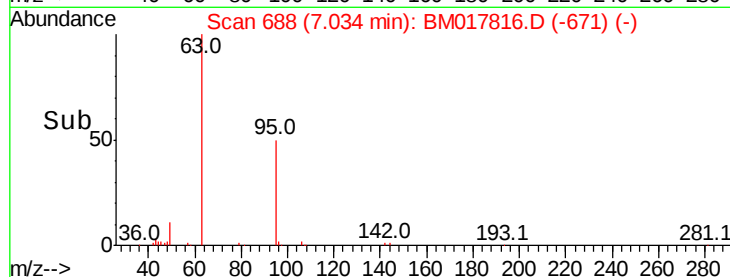
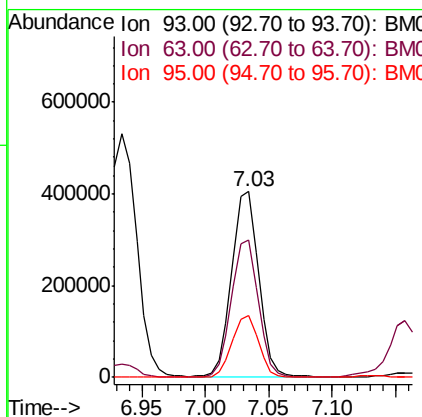
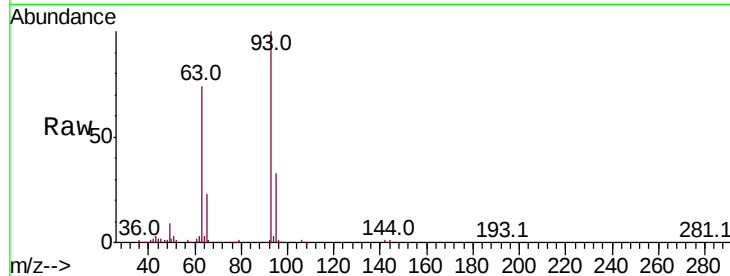
#11
bis(2-Chloroethyl)ether
Concen: 37.918 ng
RT: 7.03 min Scan# 688
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	57.9	97.9
95	33.3	12.3	52.3

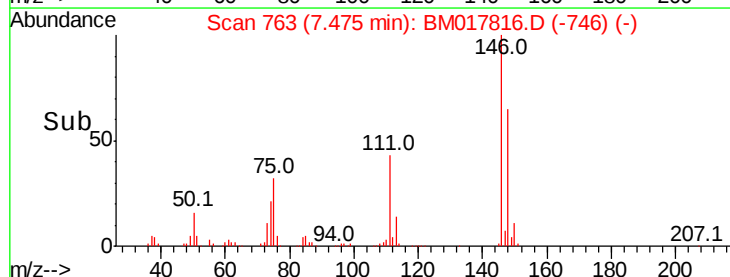
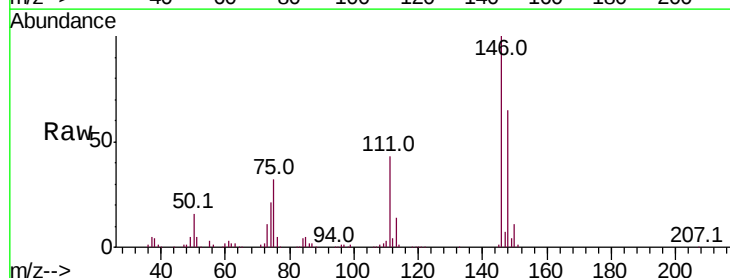
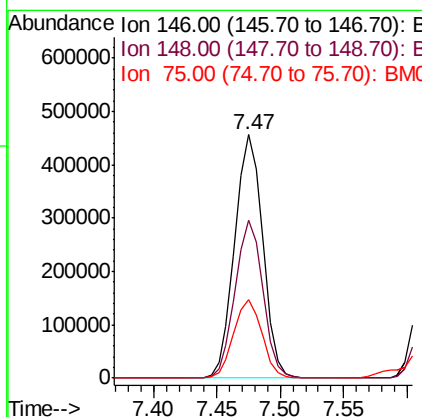
Manual Integrations
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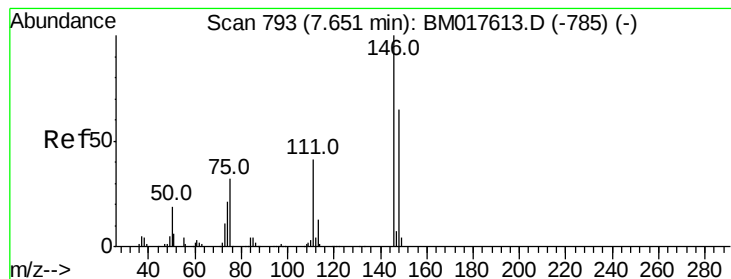
mohammad
12/3/2018 3:34:22 PM



#12
1,3-Dichlorobenzene
Concen: 38.633 ng
RT: 7.47 min Scan# 763
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
75	32.2	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 38.778 ng

RT: 7.62 min Scan# 788

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

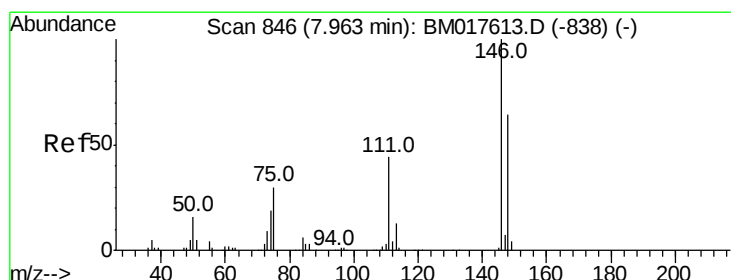
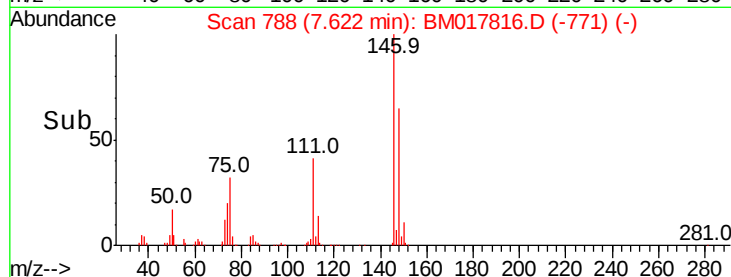
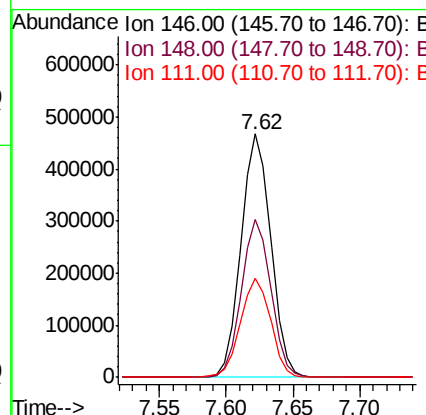
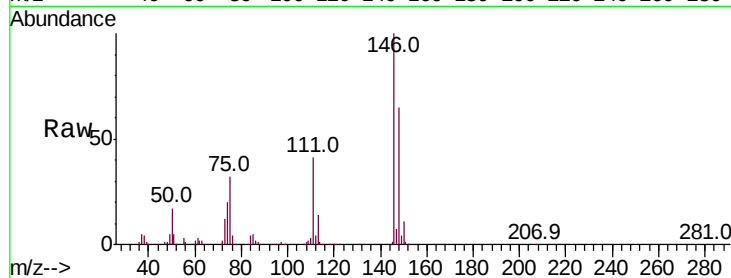
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	721168
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.0	78.0
111	40.7	33.2	49.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.302 ng

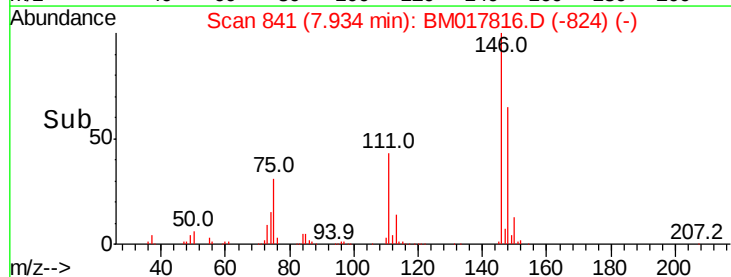
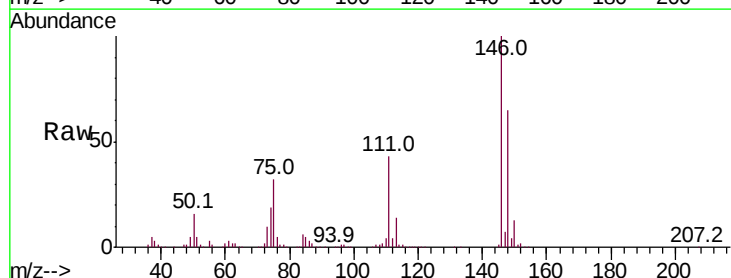
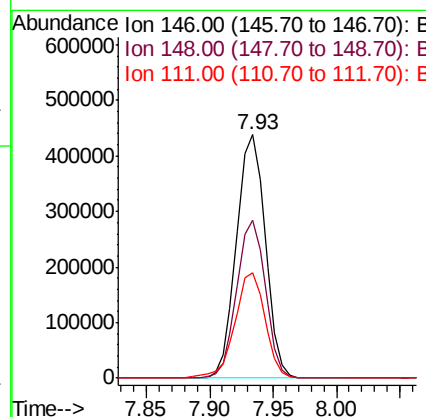
RT: 7.93 min Scan# 841

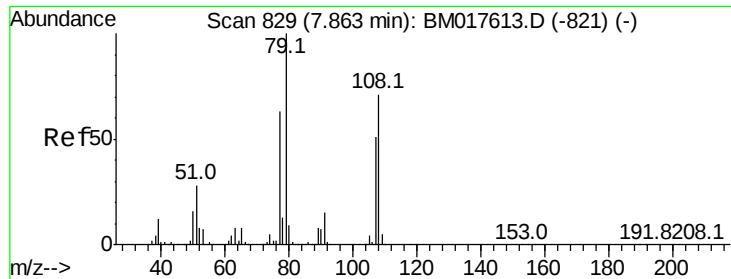
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	146	Resp:	690690
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.6	77.4
111	43.1	35.8	53.8





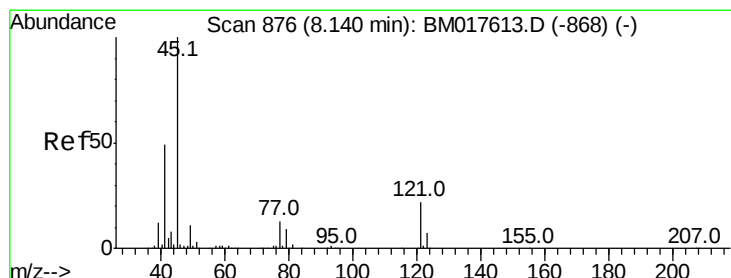
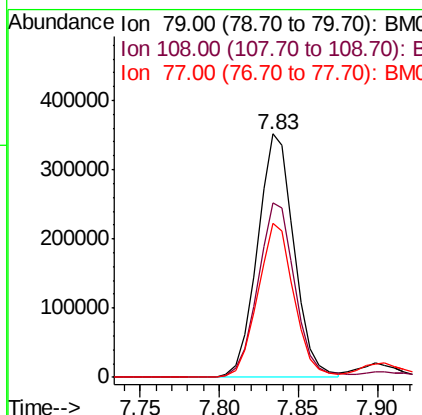
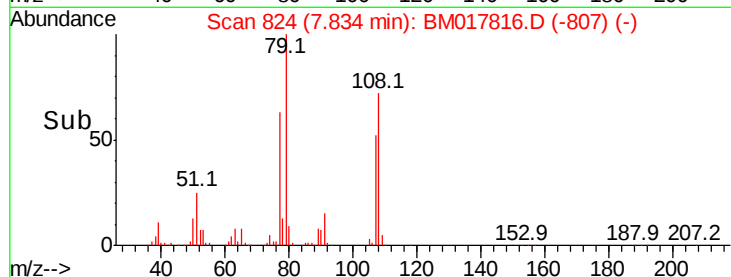
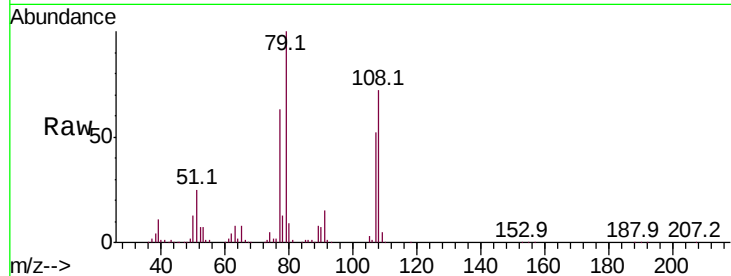
#15
Benzyl Alcohol
Concen: 37.427 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.5	57.1	85.7
77	63.1	50.4	75.6

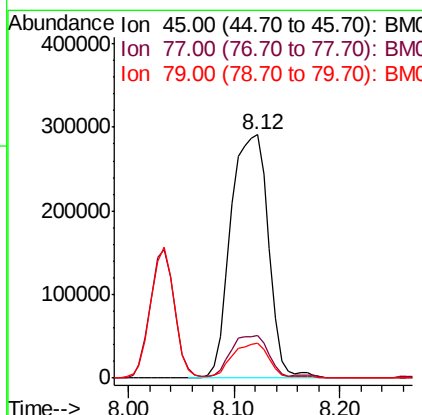
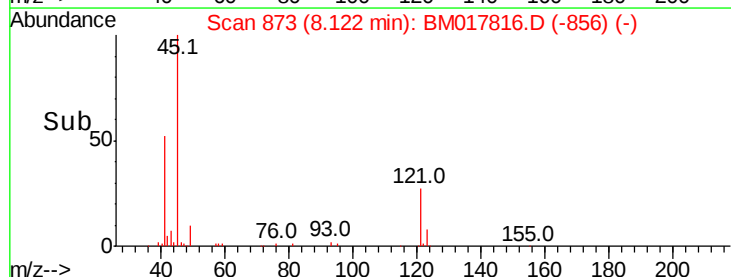
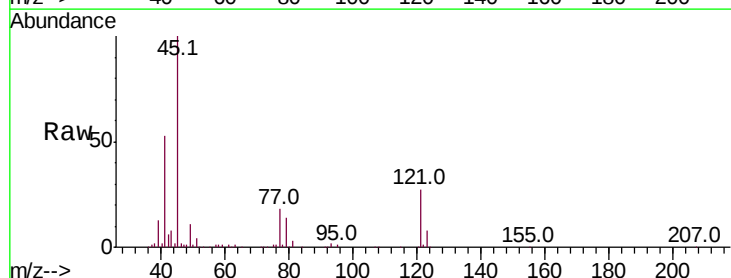
Manual Integrations
APPROVED

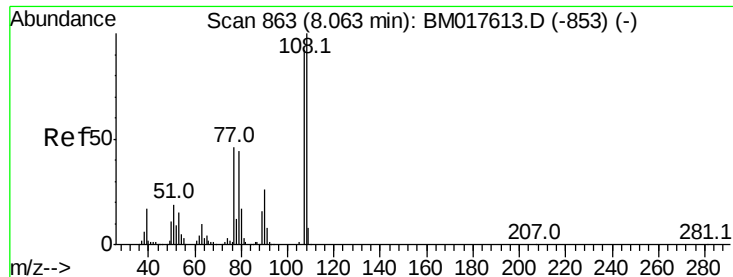
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.290 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	34.2
79	14.2	0.0	30.5





#17

2-Methylphenol

Concen: 37.740 ng

RT: 8.03 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

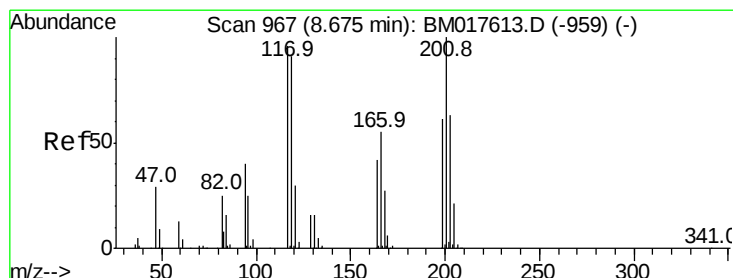
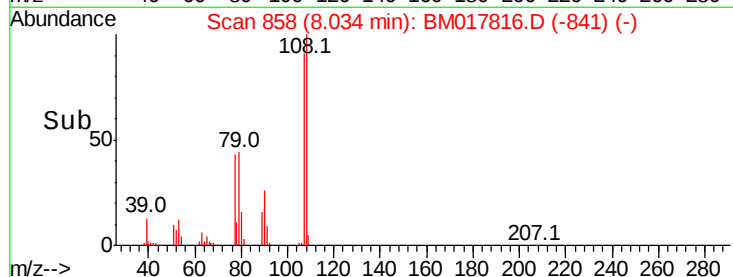
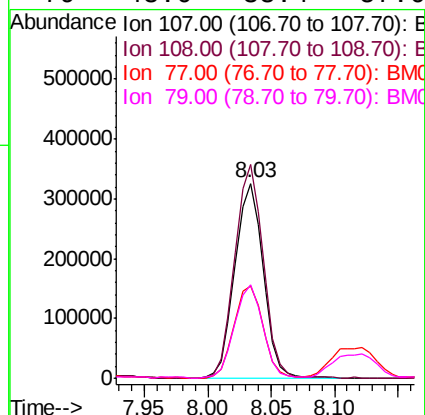
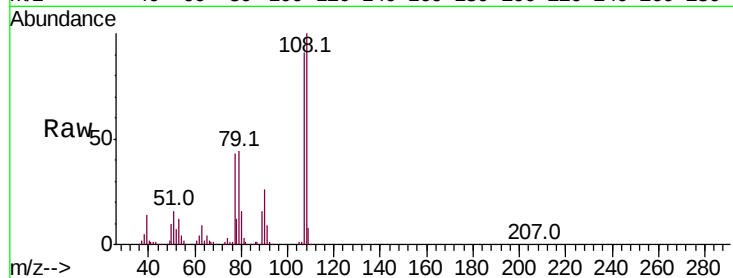
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	86.7	130.1	
77	47.2	39.8	59.6	
79	48.0	38.4	57.6	

Manual Integrations
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#18

Hexachloroethane

Concen: 40.606 ng

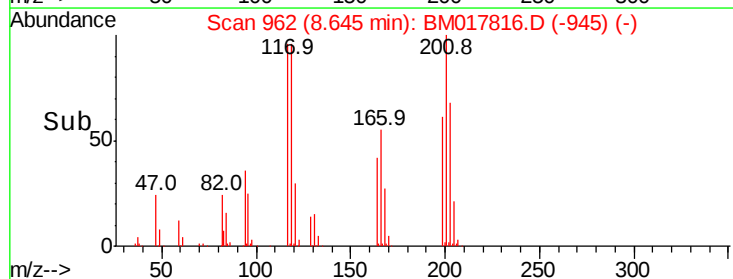
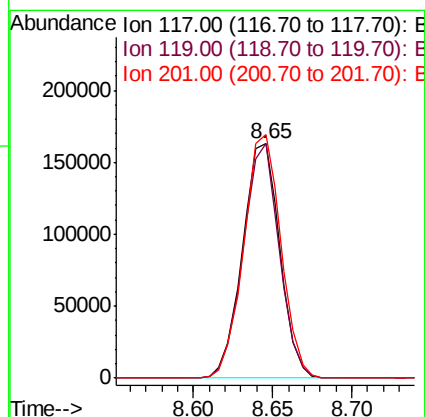
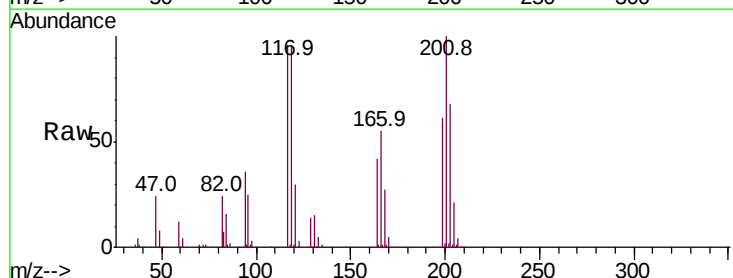
RT: 8.65 min Scan# 962

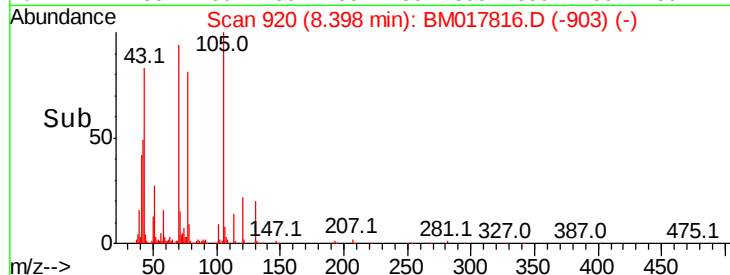
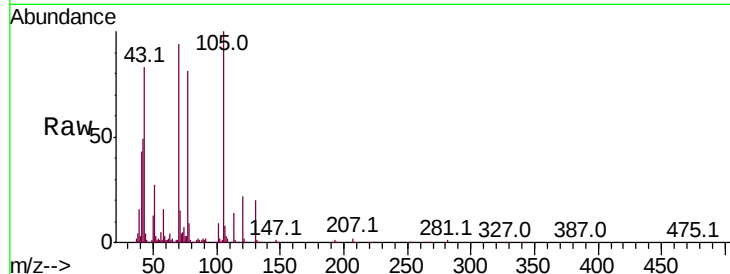
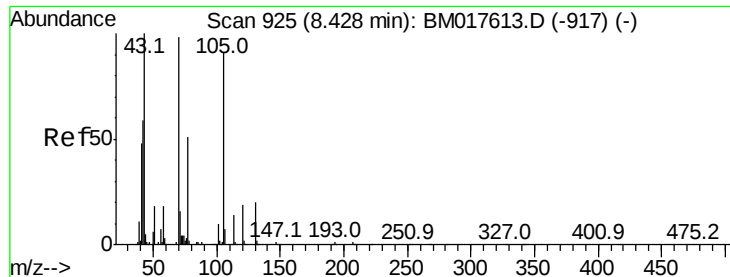
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

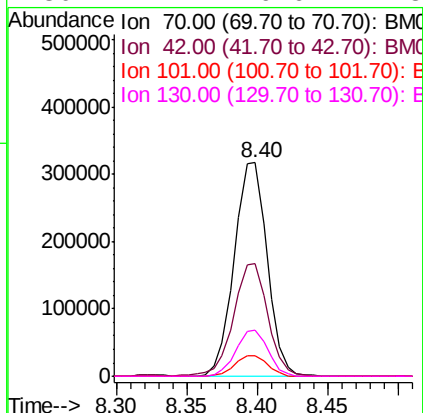
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	75.8	113.8	
201	103.9	83.0	124.4	





#19
n-Nitroso-di-n-propylamine
Concen: 38.131 ng
RT: 8.40 min Scan# 920
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

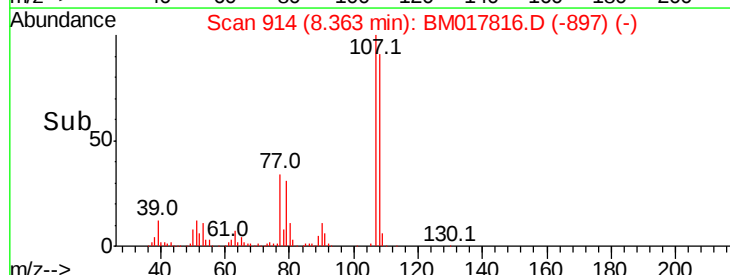
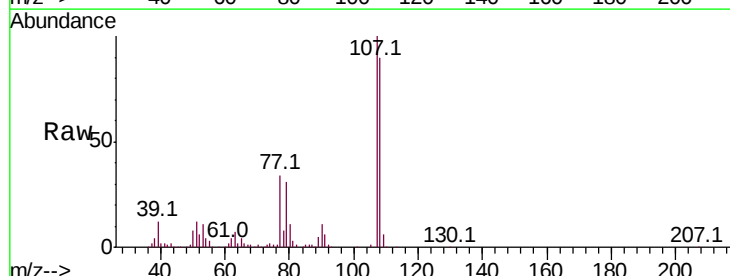
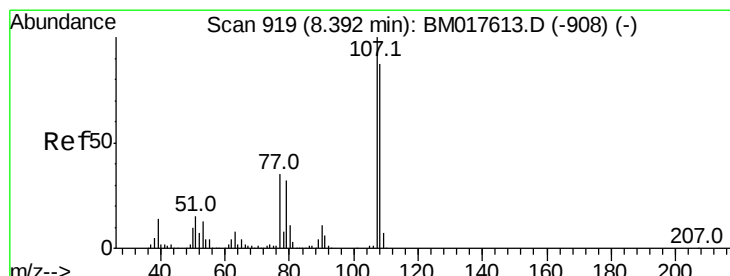
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	48.6	73.0
101	9.4	7.9	11.9
130	21.7	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

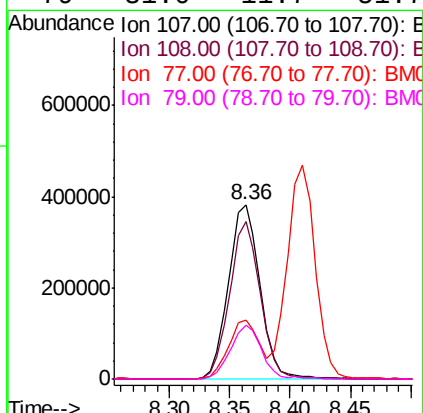
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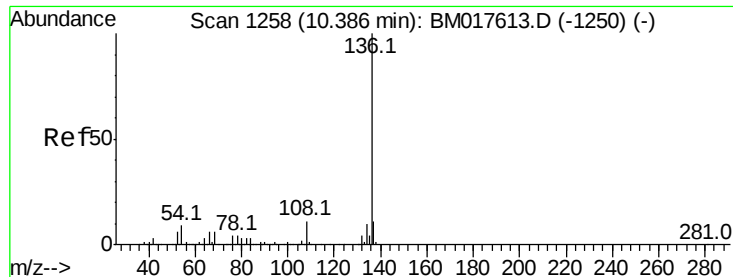
mohammad
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#20
3+4-Methylphenols
Concen: 37.546 ng
RT: 8.36 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.0	107.0
77	33.9	15.6	55.6
79	31.0	11.7	51.7





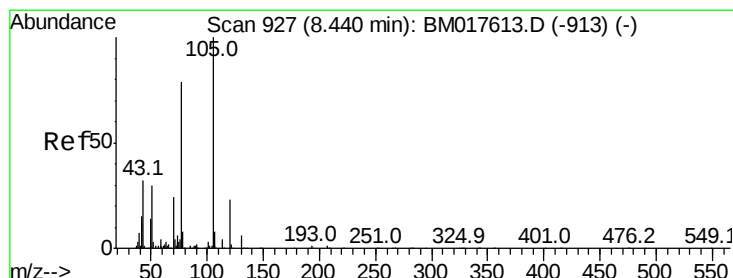
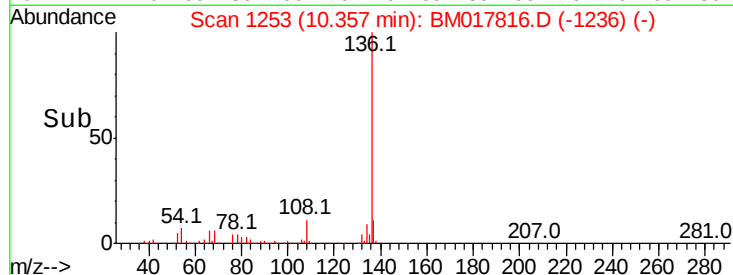
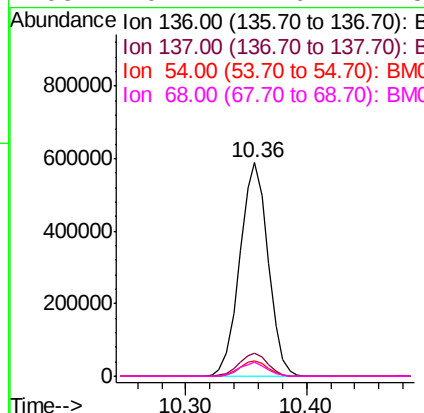
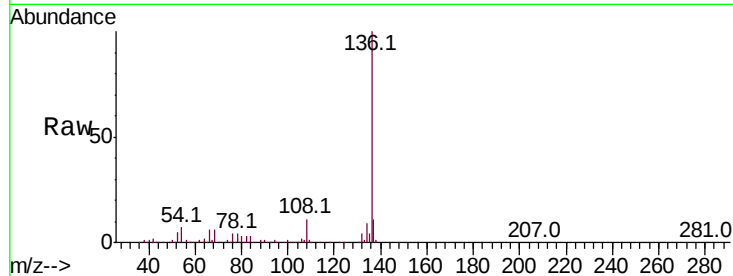
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	963212		
137	10.8		8.6	12.8
54	7.4		7.0	10.6
68	6.4		4.9	7.3

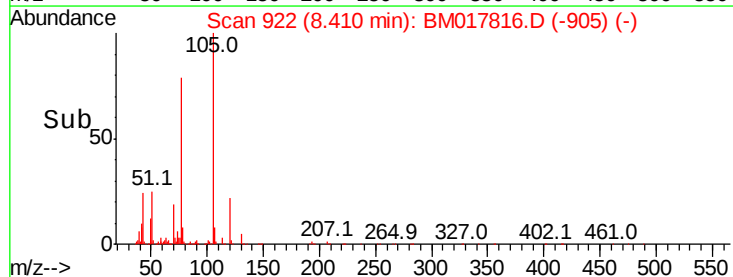
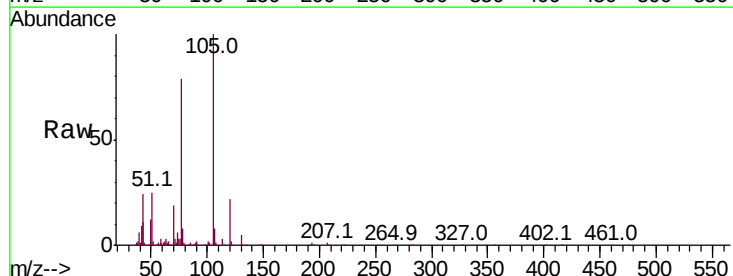
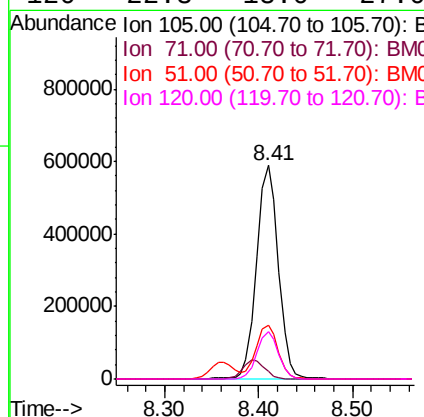
Manual Integrations
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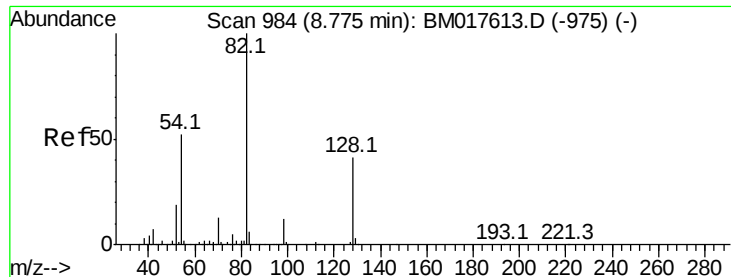
mohammad
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#22
Acetophenone
Concen: 39.564 ng
RT: 8.41 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	951117		
71	3.3		3.1	4.7
51	25.1		23.8	35.8
120	22.3		18.0	27.0





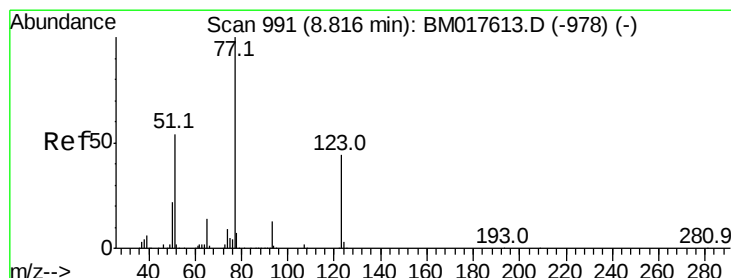
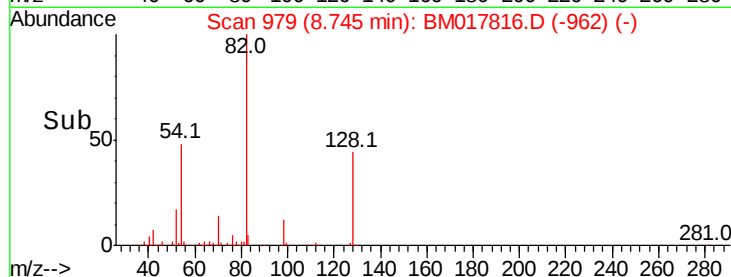
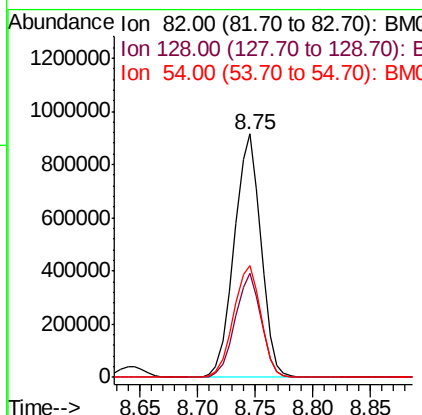
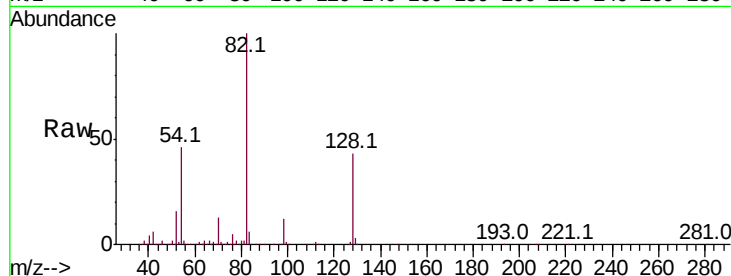
#23
 Nitrobenzene-d5
 Concen: 78.645 ng
 RT: 8.75 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

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

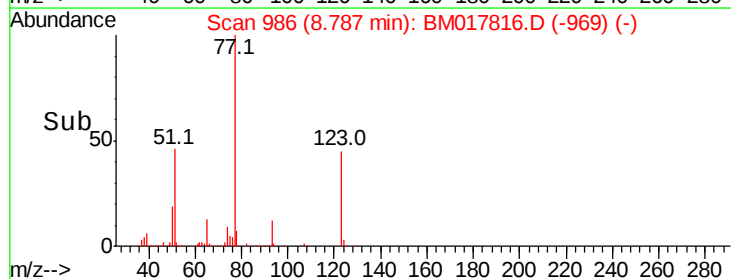
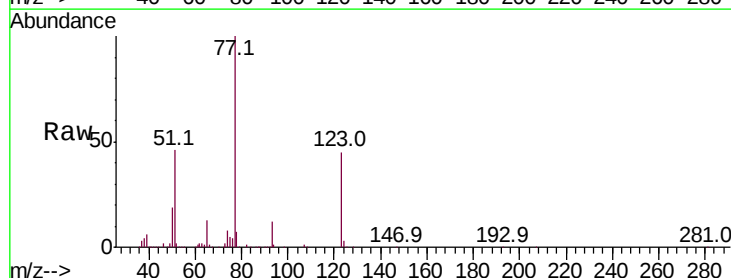
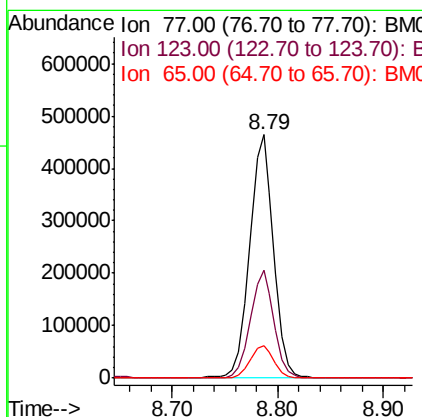
Manual Integrations
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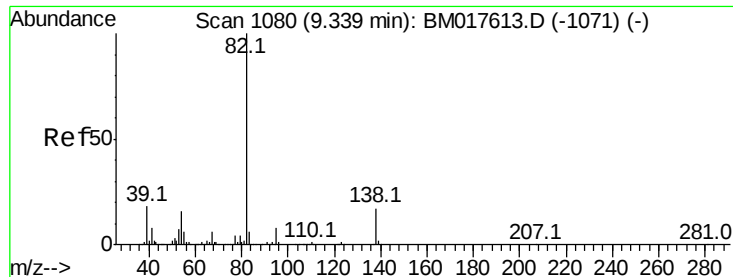
mohammad
 12/3/2018 3:34:22 PM



#24
 Nitrobenzene
 Concen: 38.462 ng
 RT: 8.79 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.1	52.7
65	13.4	11.0	16.6





#25

Isophorone

Concen: 40.505 ng

RT: 9.30 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1167248

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

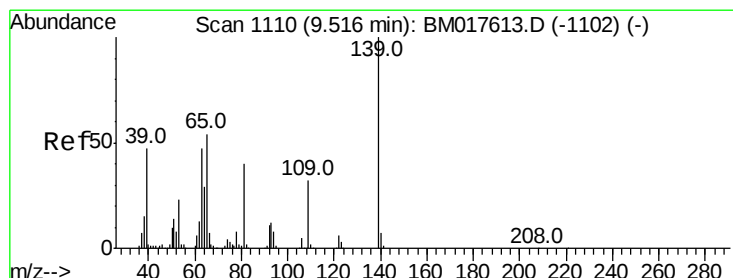
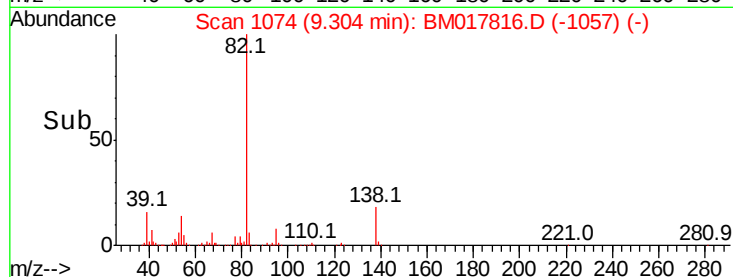
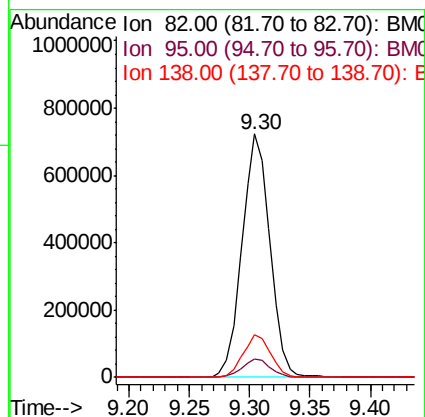
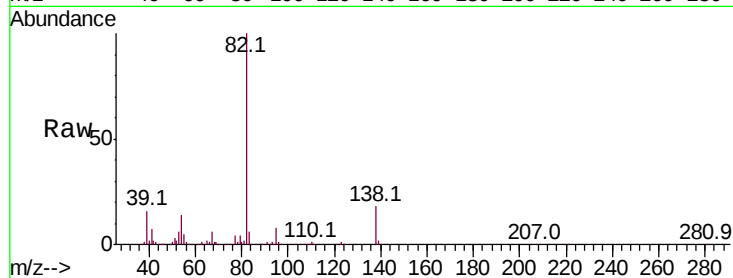
138 17.8 13.9 20.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.524 ng

RT: 9.49 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

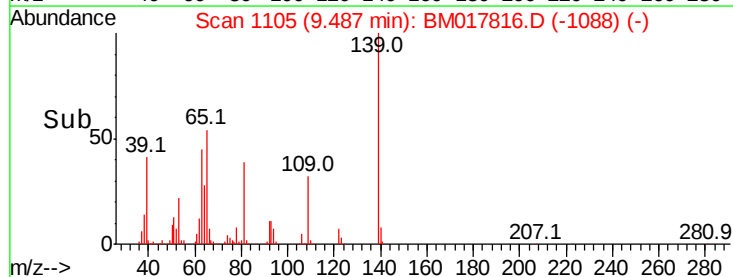
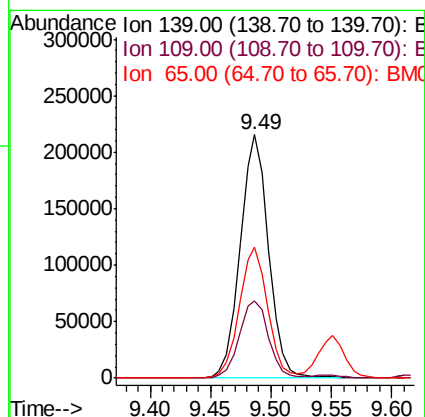
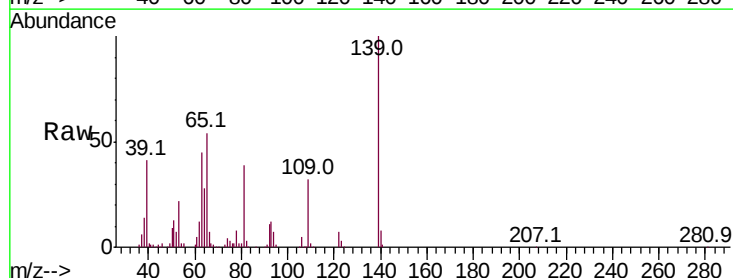
Tgt Ion: 139 Resp: 353344

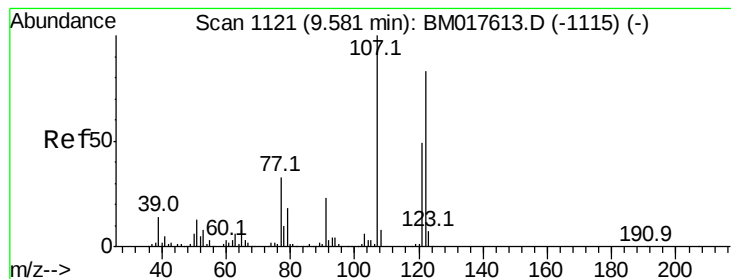
Ion Ratio Lower Upper

139 100

109 31.7 25.9 38.9

65 53.8 43.0 64.4





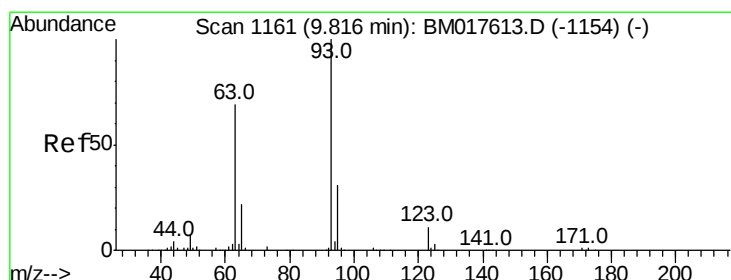
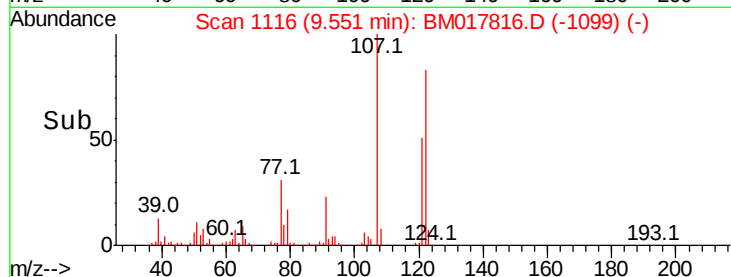
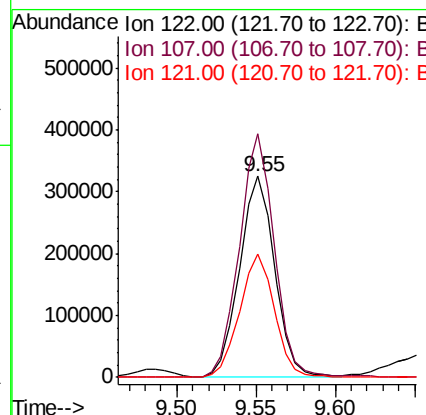
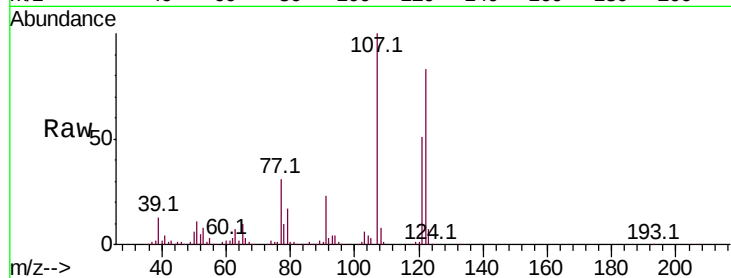
#27
2,4-Dimethylphenol
Concen: 39.536 ng
RT: 9.55 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.1	95.8	143.8
121	61.3	47.2	70.8

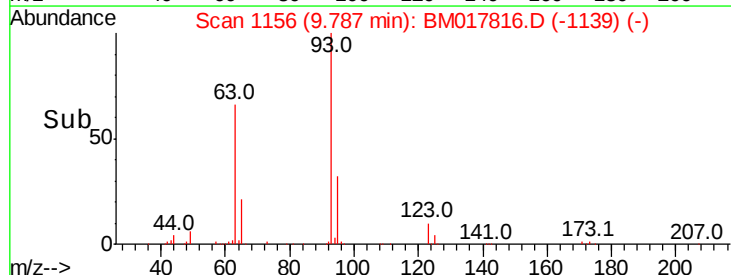
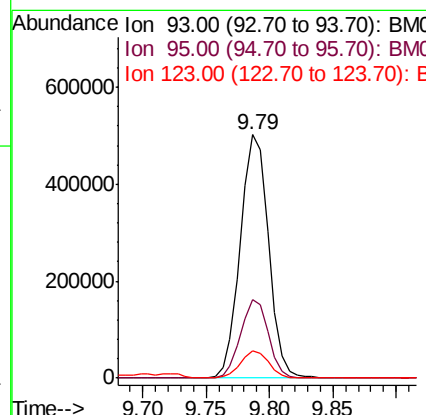
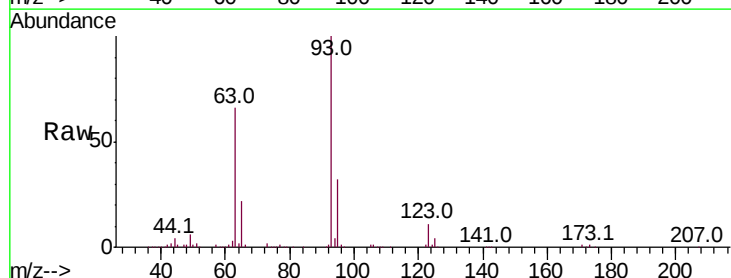
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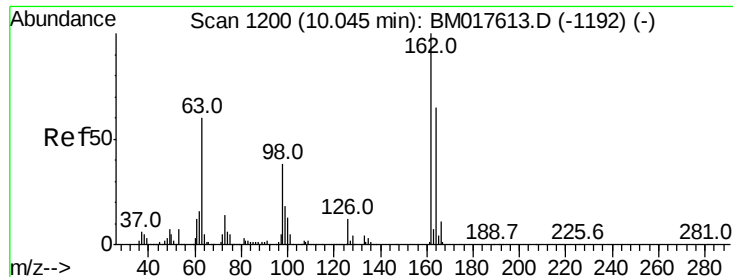
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.615 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.9	37.3
123	11.2	8.7	13.1





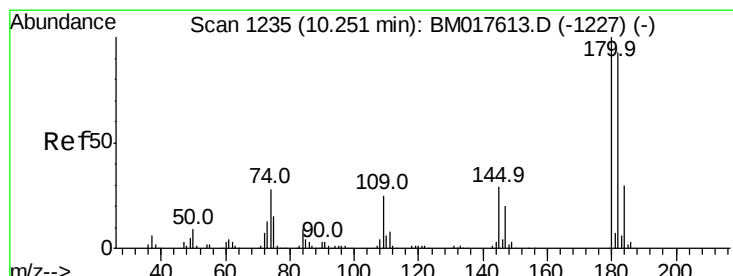
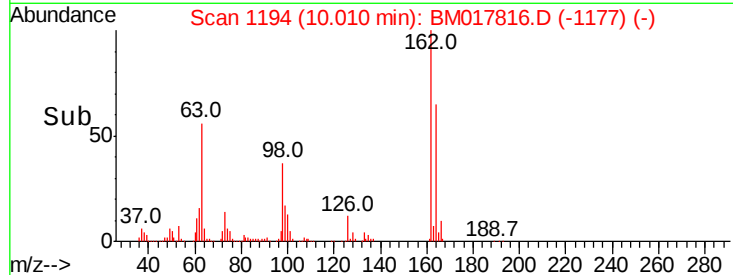
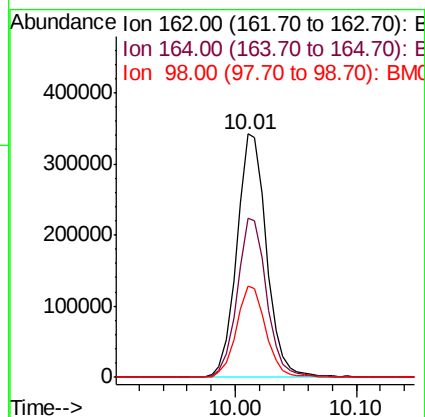
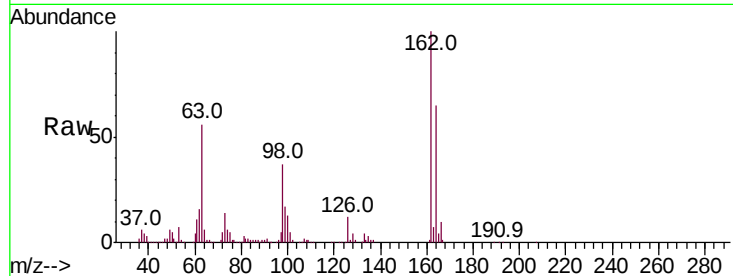
#29
 2,4-Dichlorophenol
 Concen: 40.318 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		588134		
164	65.3	45.0	85.0		
98	37.4	17.5	57.5		

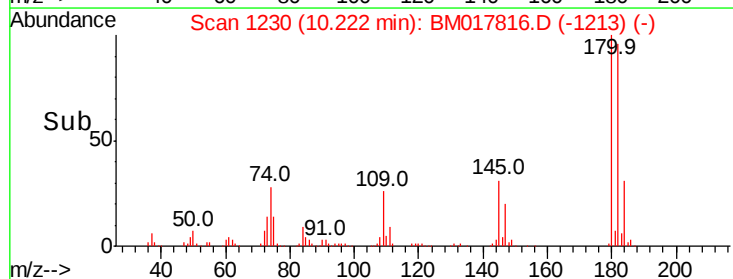
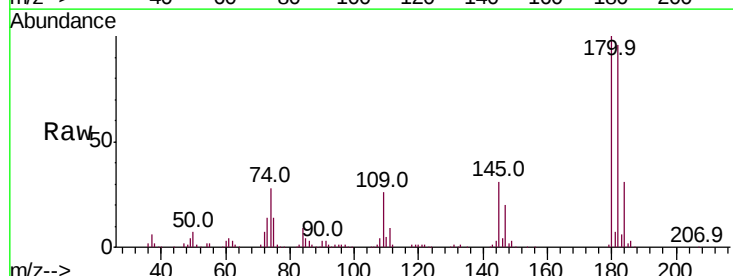
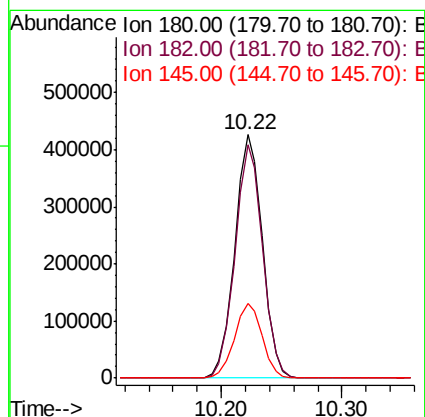
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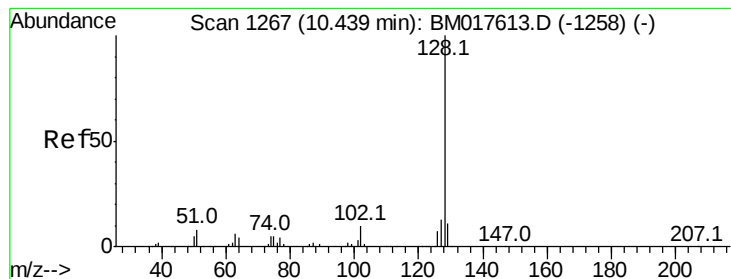
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.044 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		679401		
182	96.1	74.4	111.6		
145	30.9	23.5	35.3		





#31

Naphthalene

Concen: 39.446 ng

RT: 10.40 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:128 Resp: 1868081

Ion Ratio Lower Upper

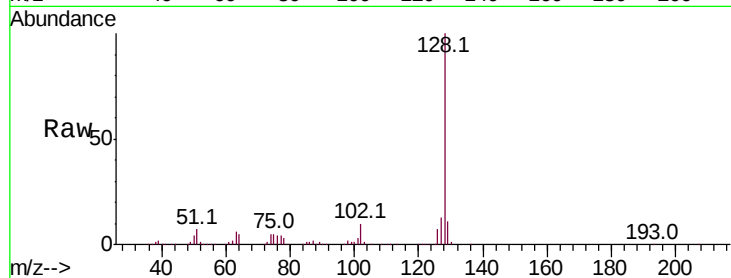
128 100

129 11.1 8.6 12.8

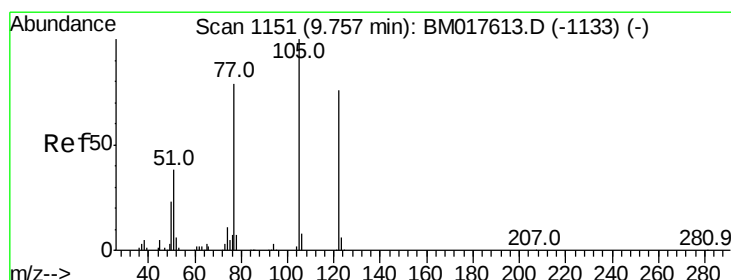
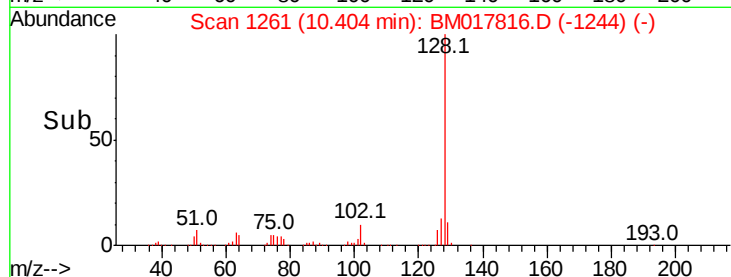
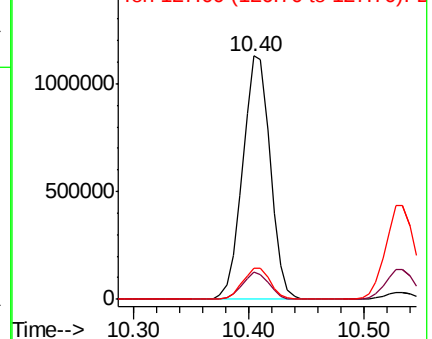
127 13.0 10.3 15.5

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.291 ng m

RT: 9.72 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

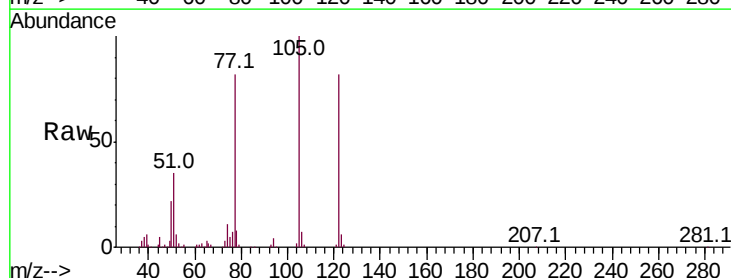
Tgt Ion:122 Resp: 447262

Ion Ratio Lower Upper

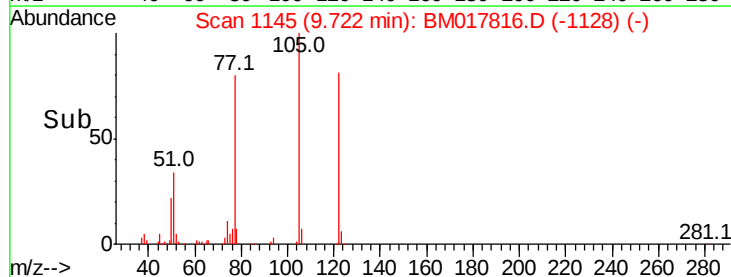
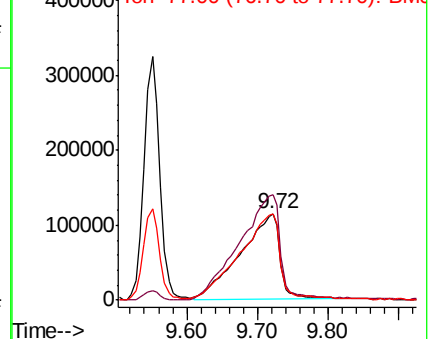
122 100

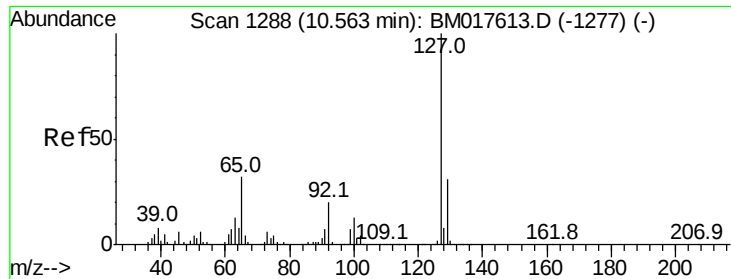
105 122.4 109.1 149.1

77 99.8 82.1 122.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





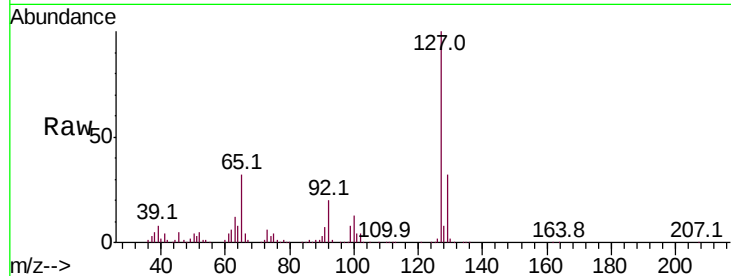
#33
4-Chloroaniline
Concen: 38.380 ng
RT: 10.53 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.0	37.4
65	32.1	25.8	38.8
92	20.4	15.8	23.6

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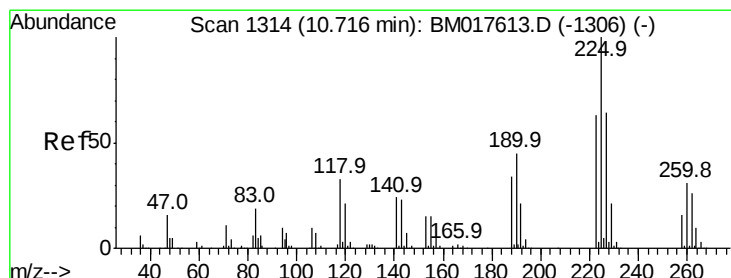
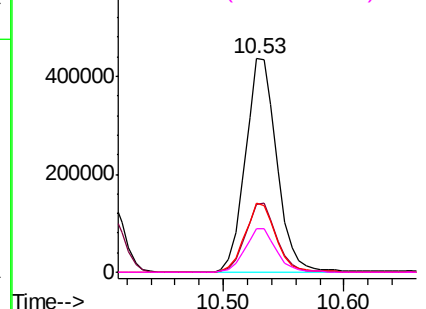
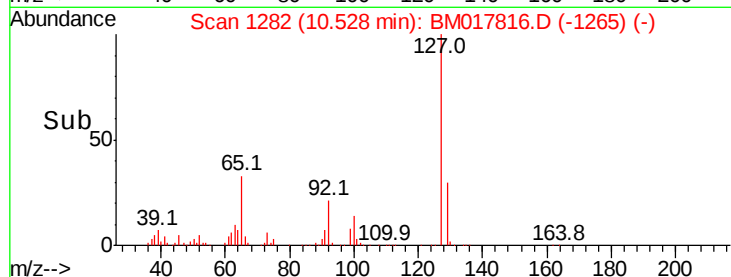
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

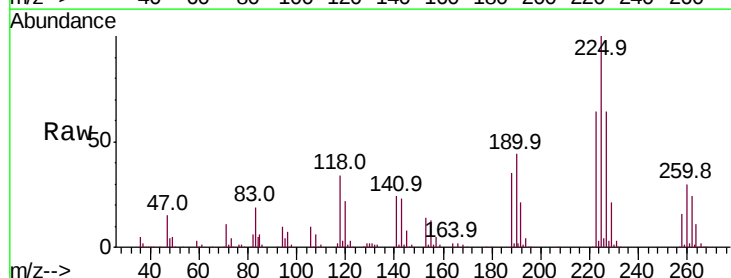
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.067 ng
RT: 10.68 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	64.4	51.0	76.4

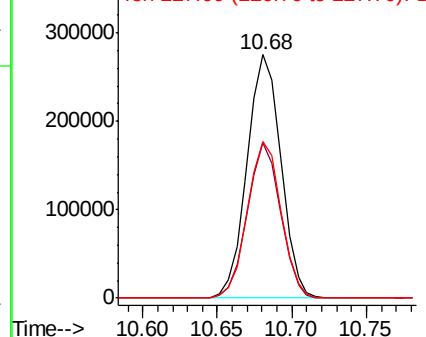
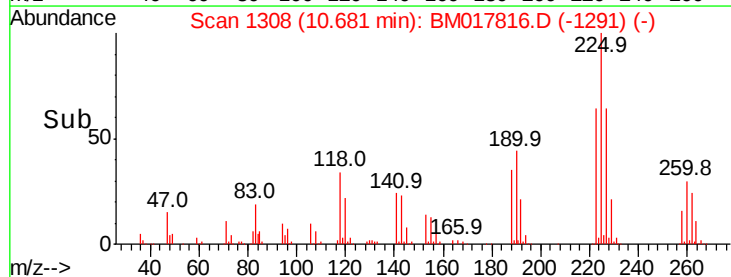


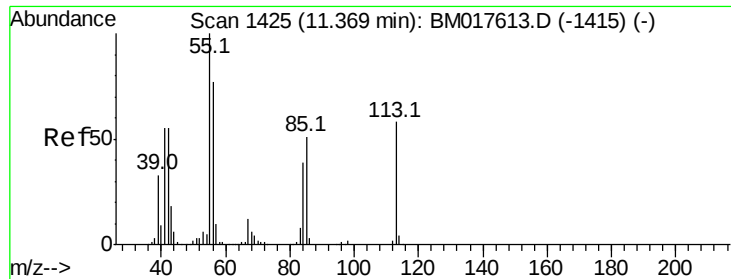
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.826 ng

RT: 11.33 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 197830

Ion Ratio Lower Upper

113 100

55 144.0 153.1 193.1#

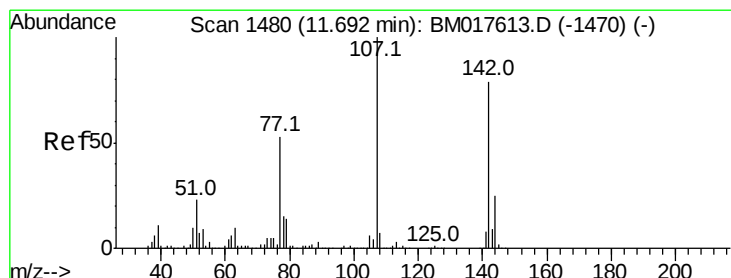
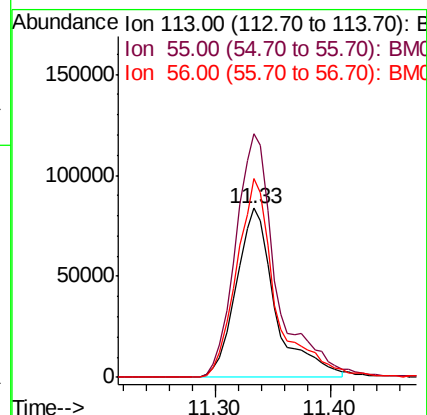
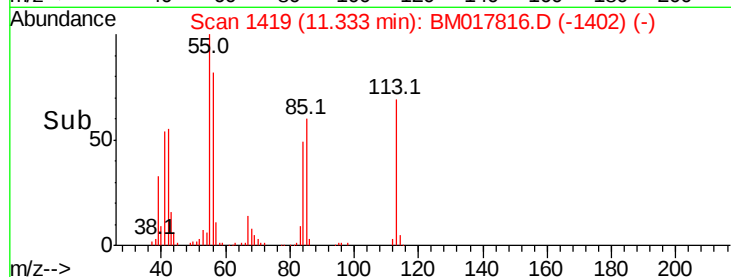
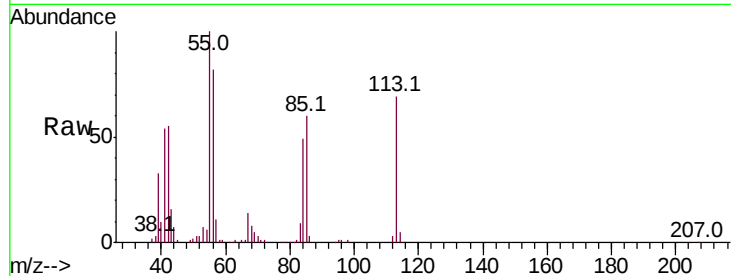
56 117.6 112.7 152.7

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#36

4-Chloro-3-methylphenol

Concen: 38.031 ng

RT: 11.66 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

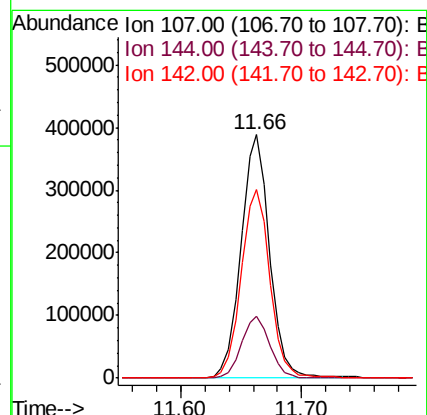
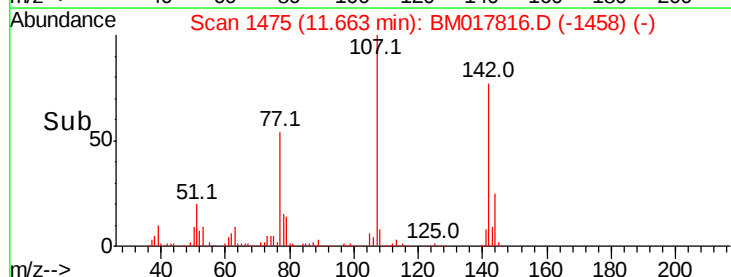
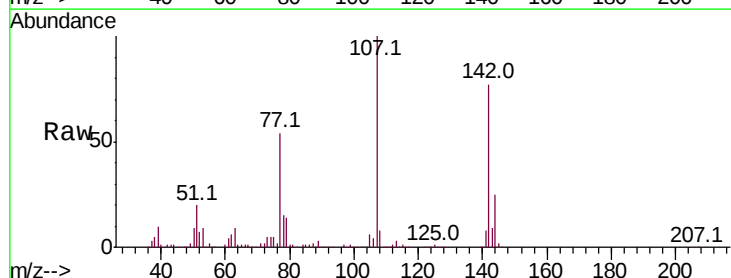
Tgt Ion:107 Resp: 640517

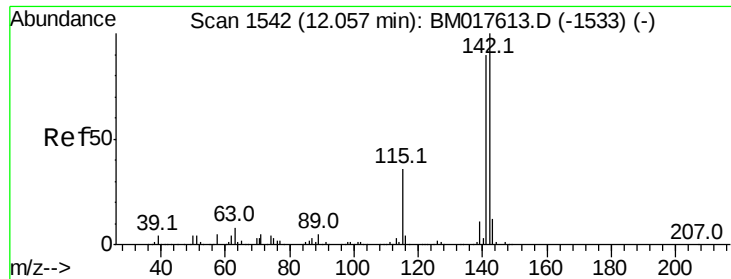
Ion Ratio Lower Upper

107 100

144 25.3 19.9 29.9

142 77.3 63.0 94.4





#37

2-Methylnaphthalene

Concen: 38.672 ng

RT: 12.03 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

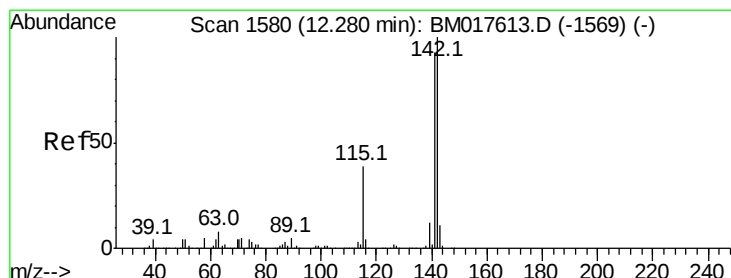
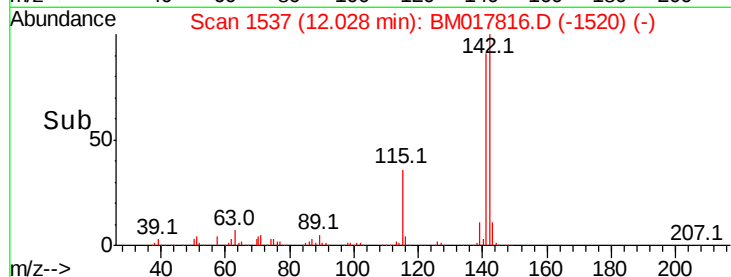
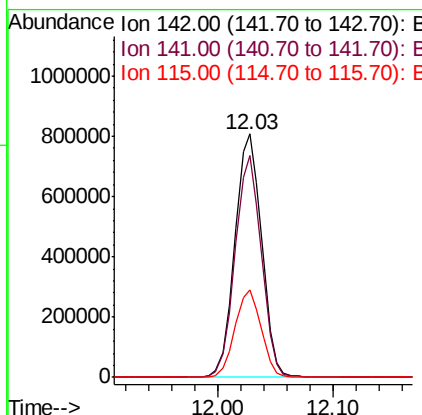
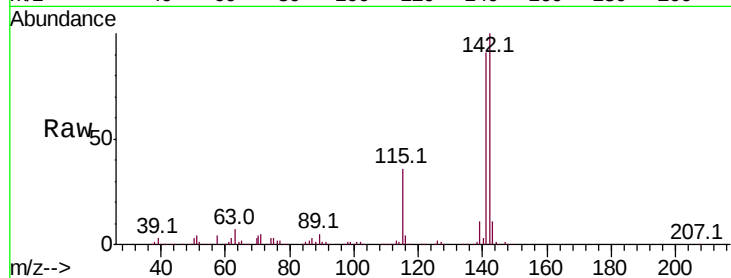
Instrument :
BNA_M

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.2	108.4
115	36.2	28.5	42.7

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#38

1-Methylnaphthalene

Concen: 38.297 ng

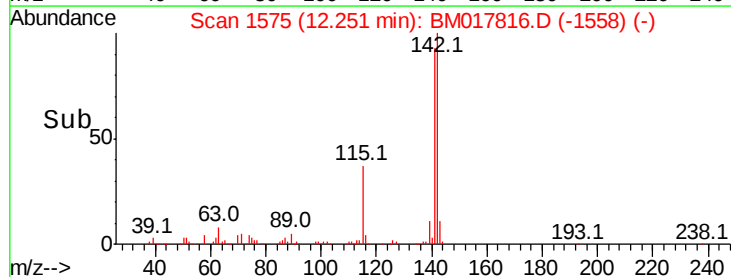
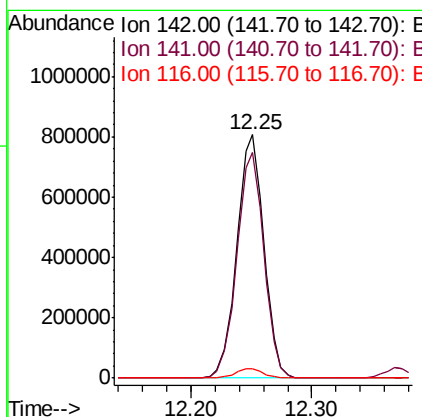
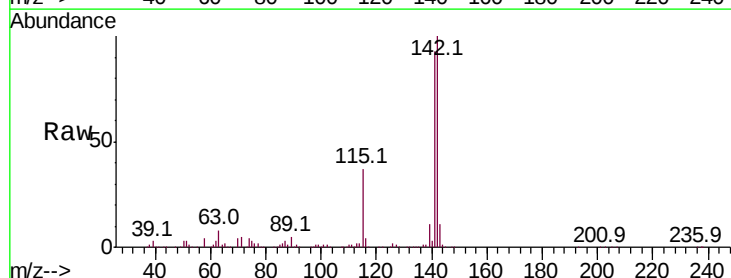
RT: 12.25 min Scan# 1575

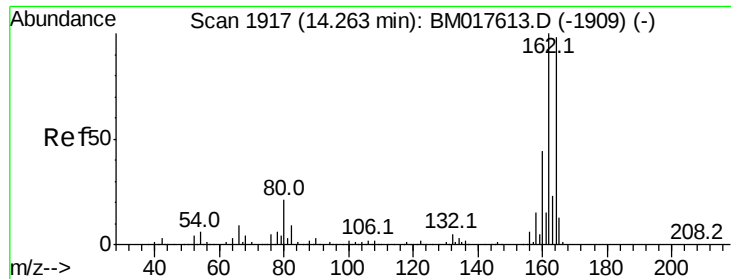
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.7	3.1	4.7





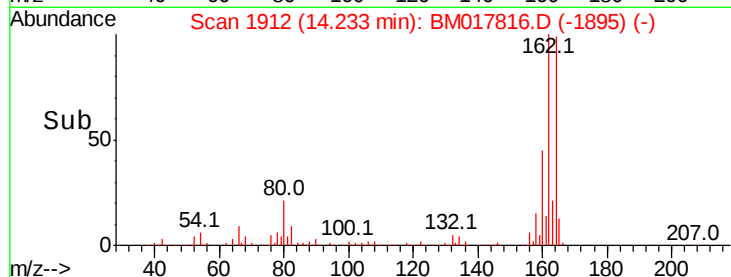
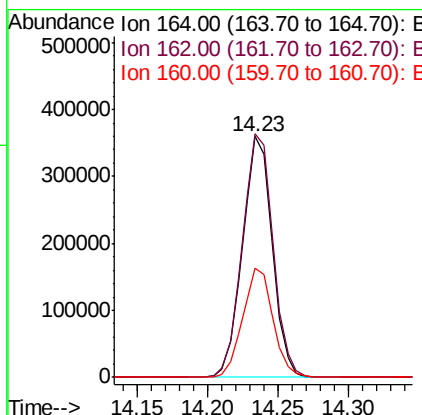
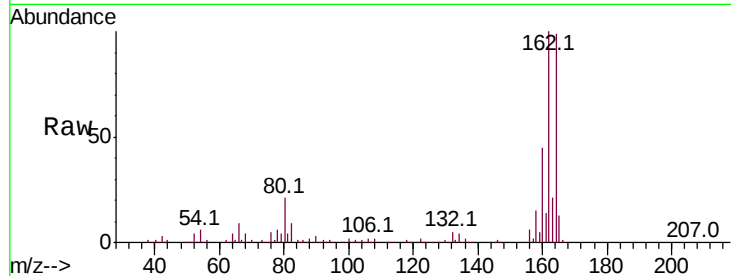
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.5	35.6	53.4

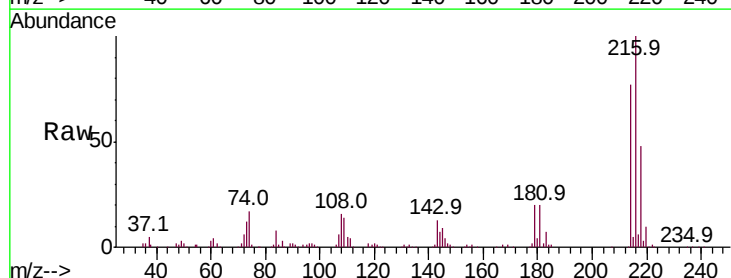
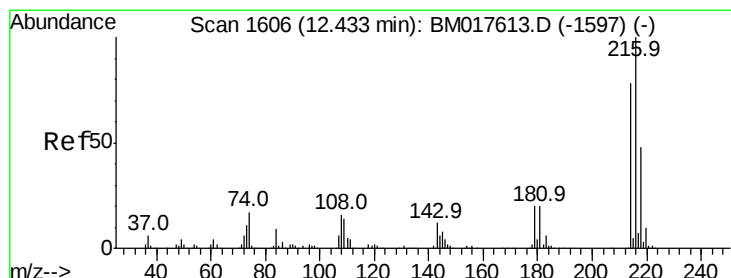
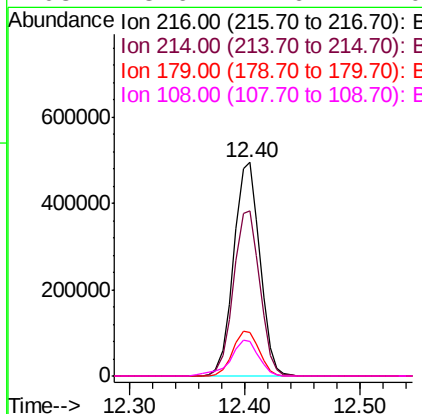
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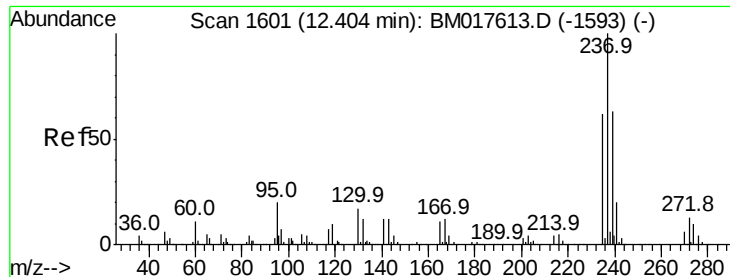
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.523 ng
RT: 12.40 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
179	21.1	16.8	25.2
108	18.6	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 42.687 ng

RT: 12.37 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

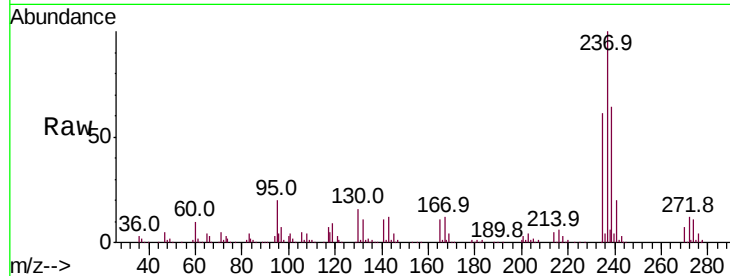
ClientSampleId :

SSTDCCC040

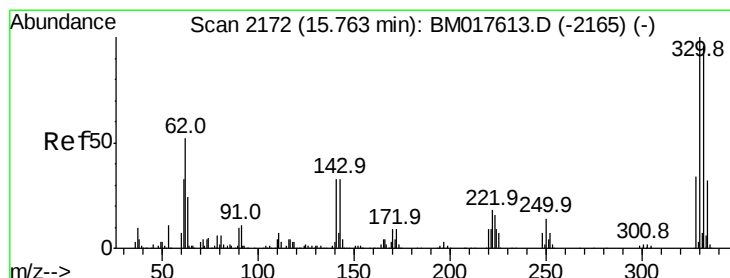
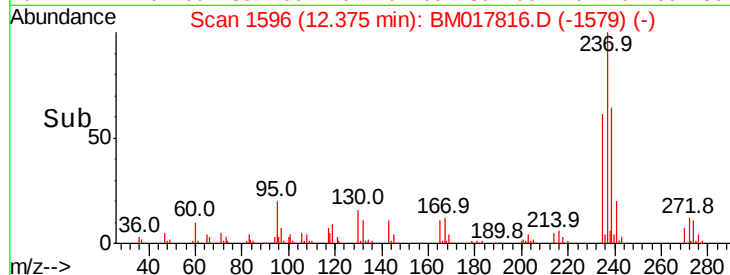
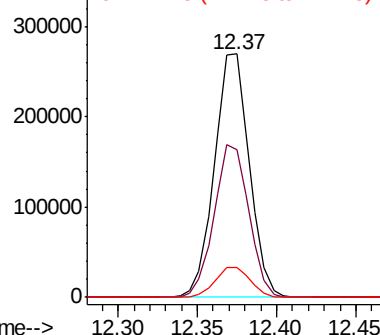
Tot Ion:	237	Resp:	411490
Ion Ratio	Lower	Upper	
237	100		
235	60.7	42.2	82.2
272	12.2	0.0	32.6

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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: 75.710 ng

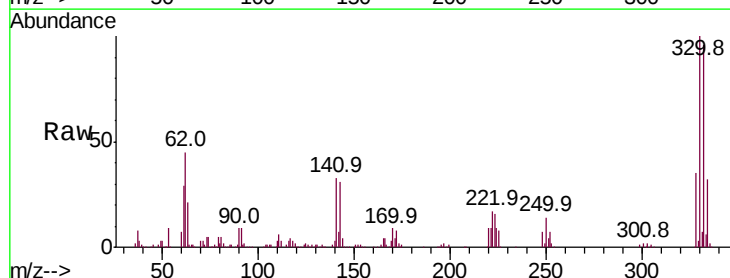
RT: 15.74 min Scan# 2168

Delta R.T. 0.00 min

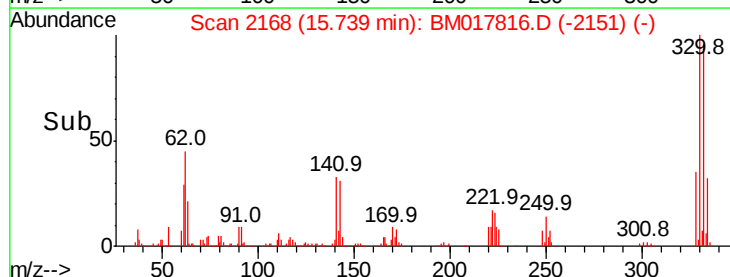
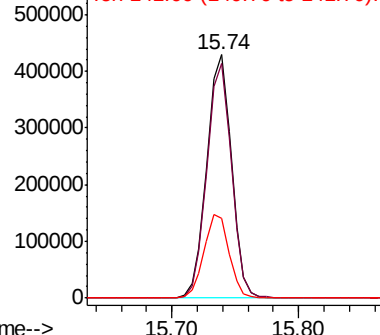
Lab File: BM017816.D

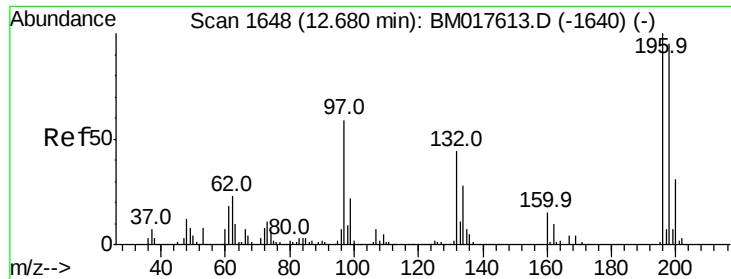
Acq: 30 Nov 2018 10:04

Tgt Ion:	330	Resp:	575509
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.9	116.9
141	34.9	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: 42.248 ng

RT: 12.65 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

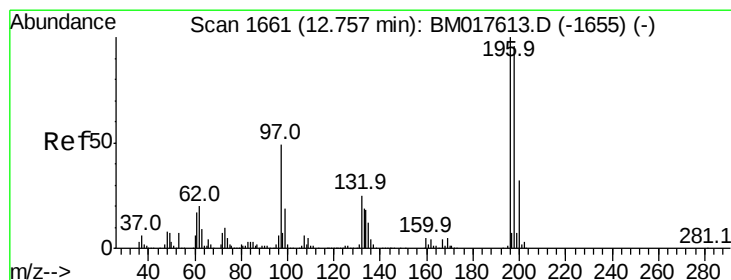
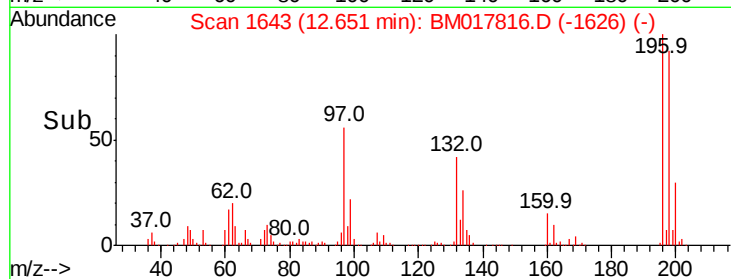
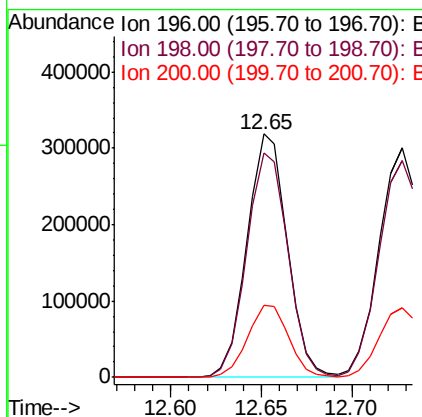
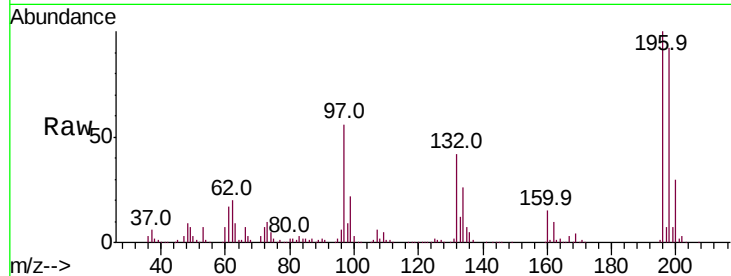
ClientSampleId :

SSTDCCC040

Tot Ion:	196	Resp:	493673
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.6	113.4
200	29.7	24.8	37.2

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 40.013 ng

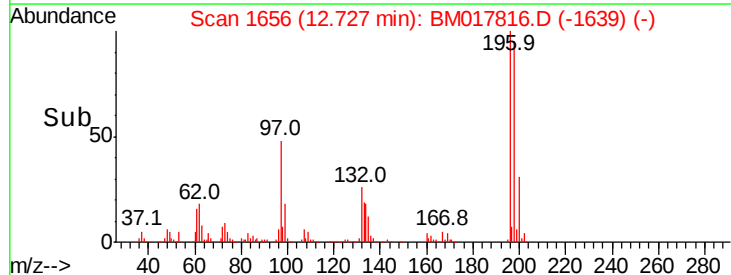
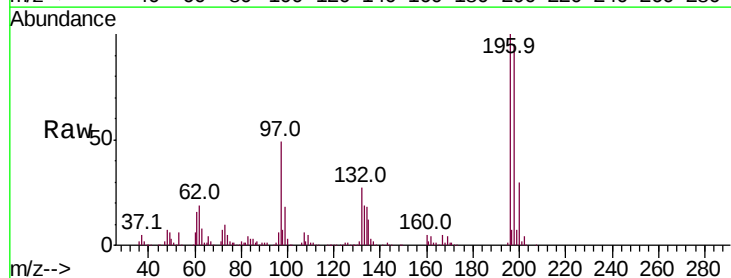
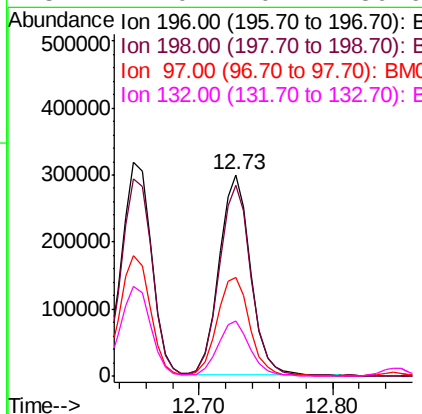
RT: 12.73 min Scan# 1656

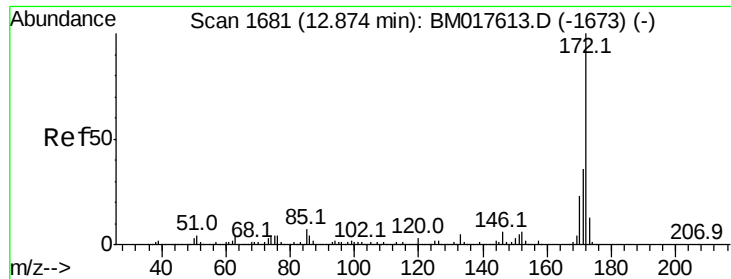
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	196	Resp:	493678
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.8	115.2
97	48.8	39.0	58.6
132	27.0	20.4	30.6





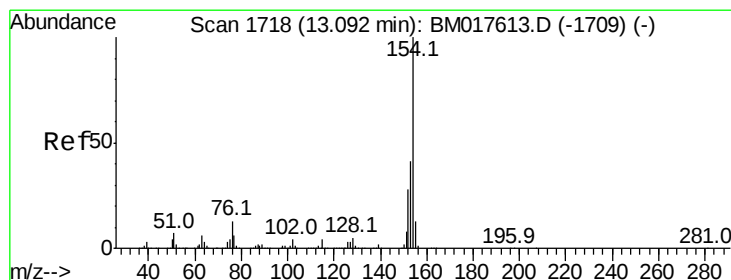
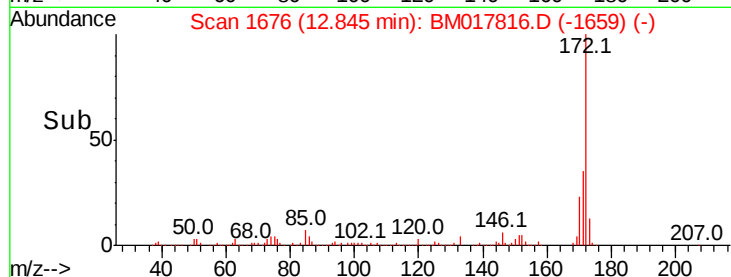
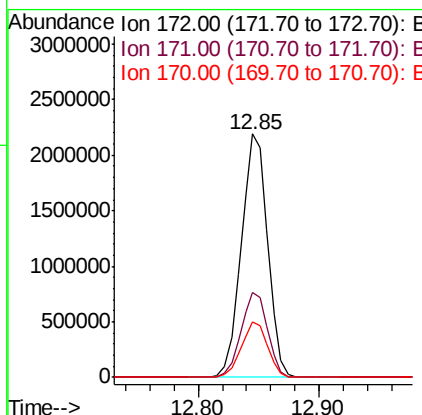
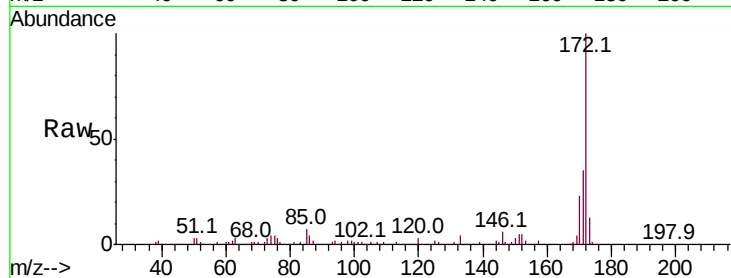
#45
2-Fluorobiphenyl
Concen: 81.461 ng
RT: 12.85 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	22.9	18.3	27.5

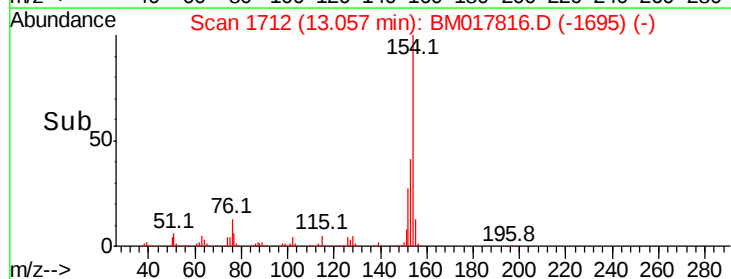
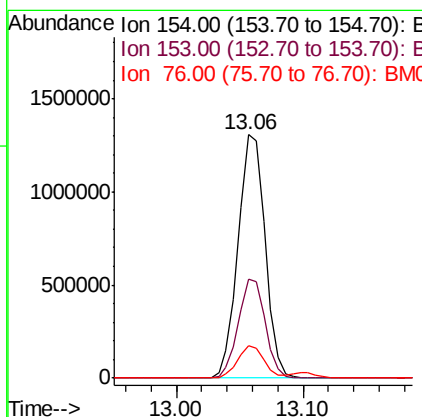
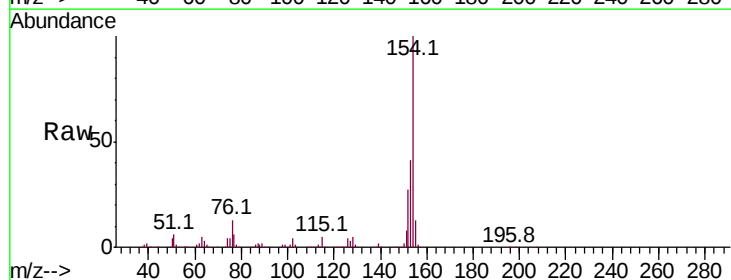
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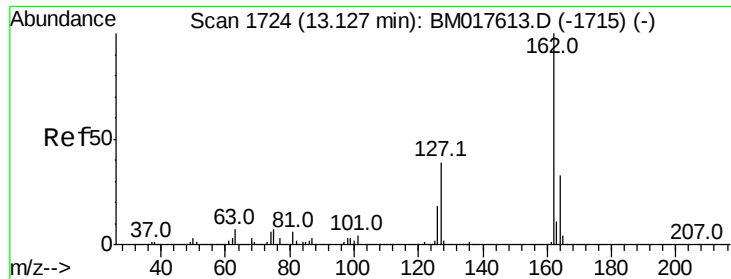
mohammad
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#46
1,1'-Biphenyl
Concen: 40.476 ng
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	13.1	0.0	32.8





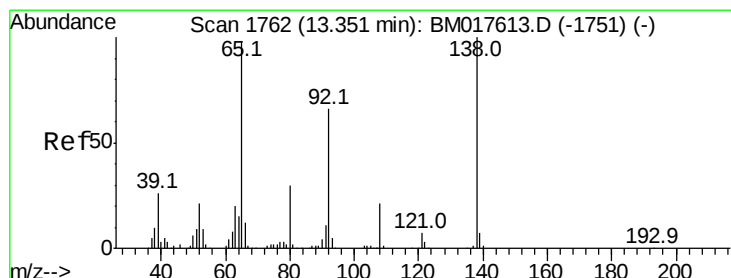
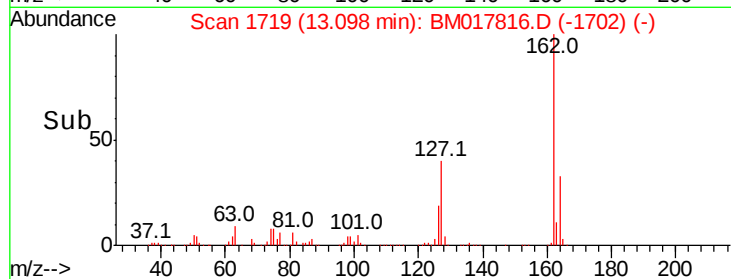
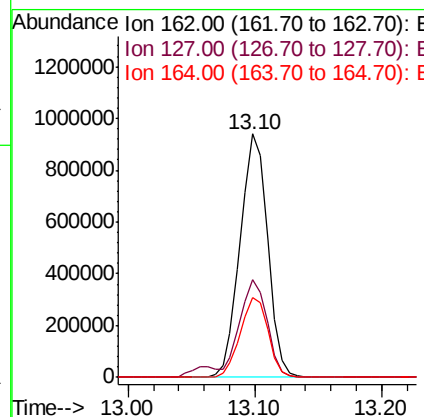
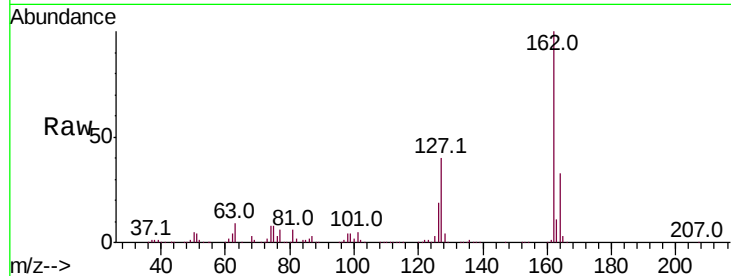
#47
2-Chloronaphthalene
Concen: 40.084 ng
RT: 13.10 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	32.8	26.5	39.7

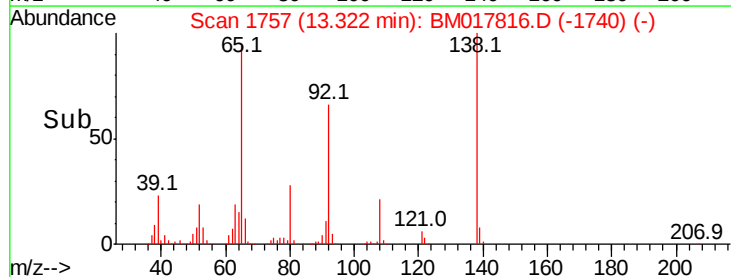
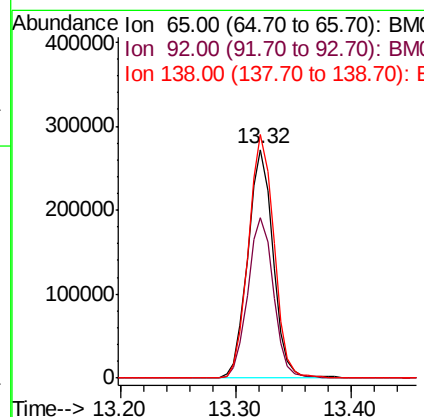
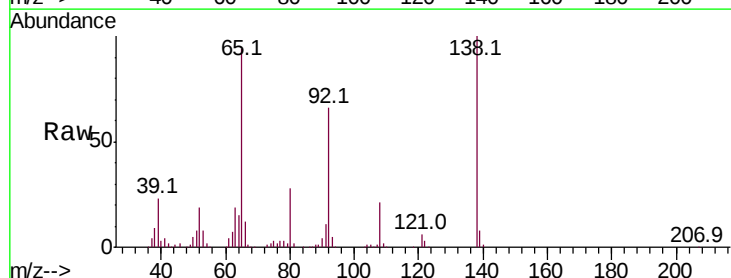
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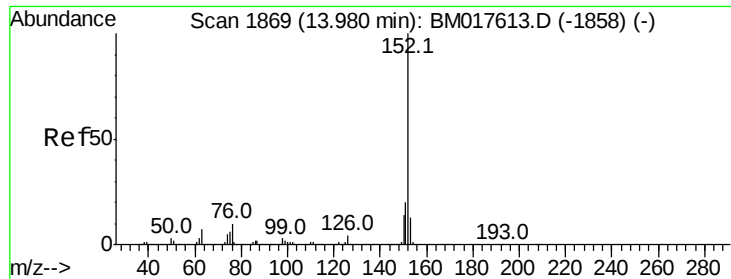
mohammad
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#48
2-Nitroaniline
Concen: 38.141 ng
RT: 13.32 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	53.7	80.5
138	106.6	81.5	122.3





#49

Acenaphthylene

Concen: 39.709 ng

RT: 13.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

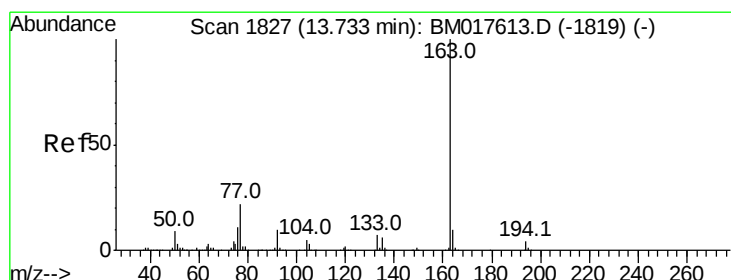
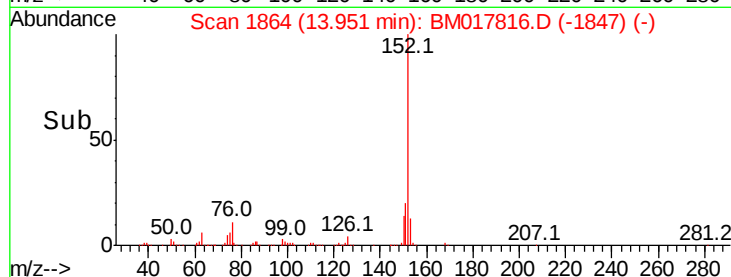
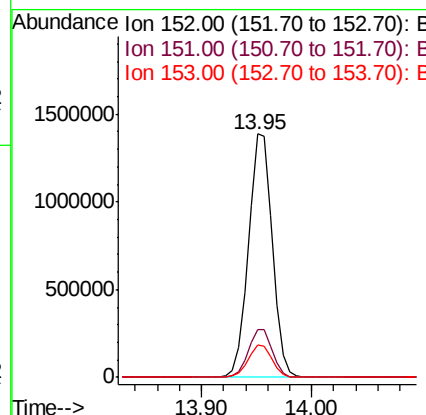
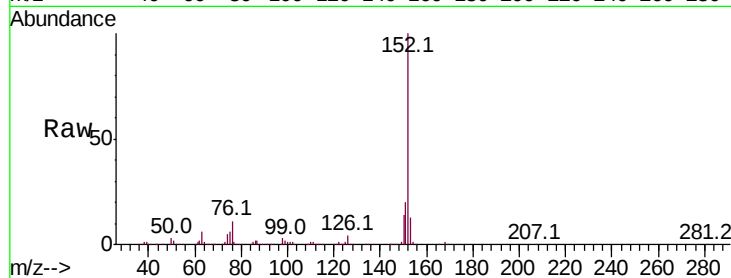
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	2102871
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.825 ng

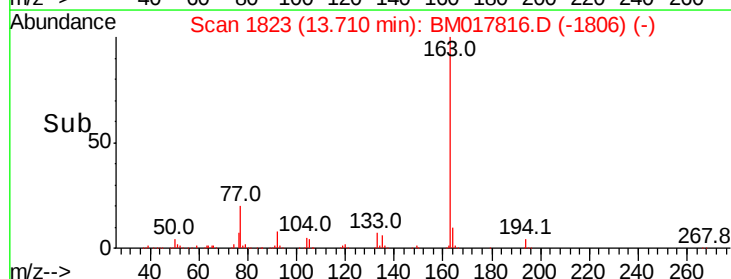
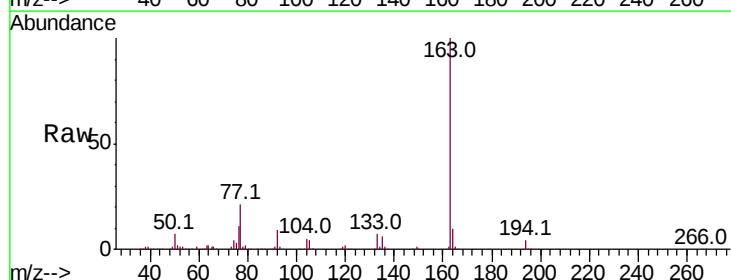
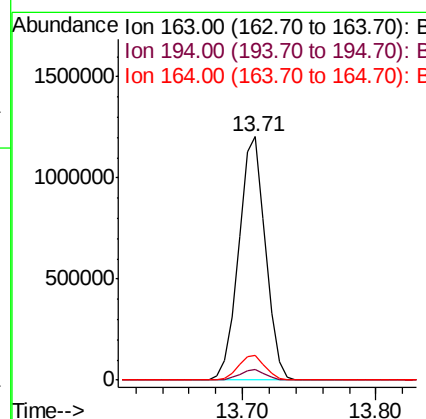
RT: 13.71 min Scan# 1823

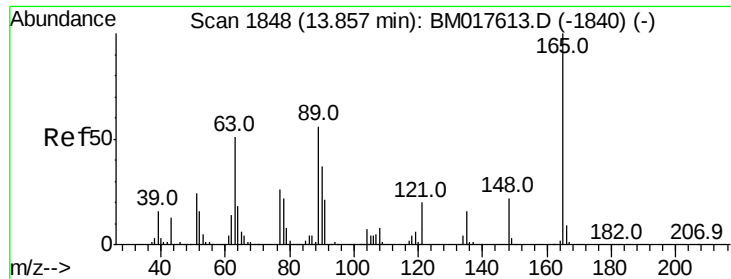
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	163	Resp:	1669940
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.1	8.2	12.4





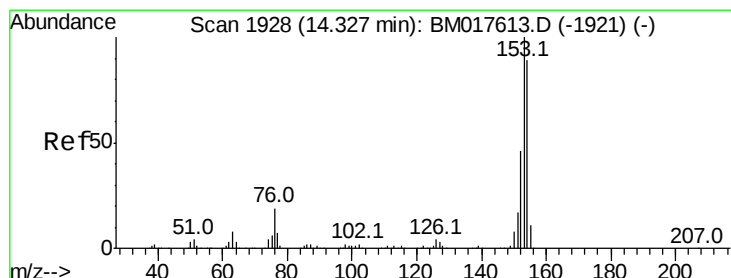
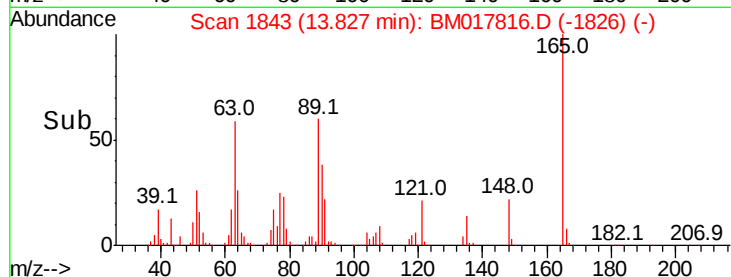
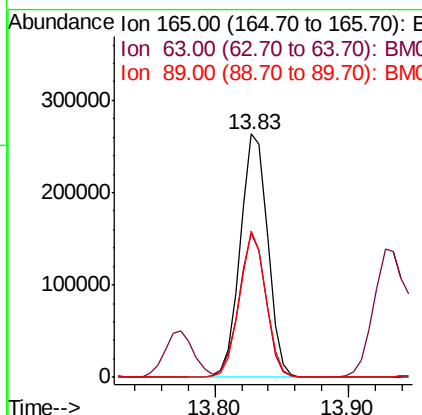
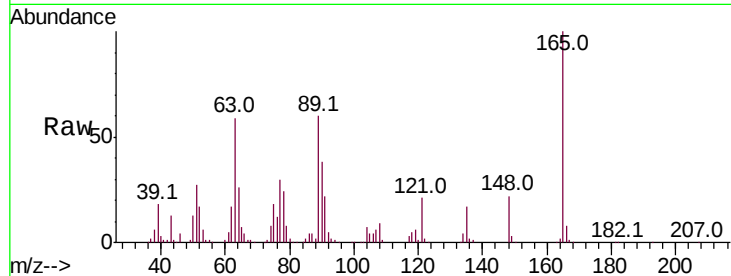
#51
2,6-Dinitrotoluene
Concen: 39.003 ng
RT: 13.83 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	47.3	70.9
89	60.0	44.8	67.2

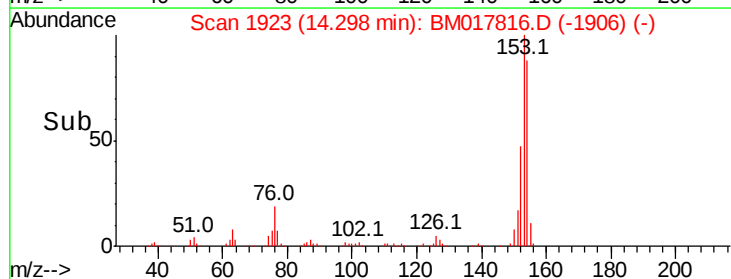
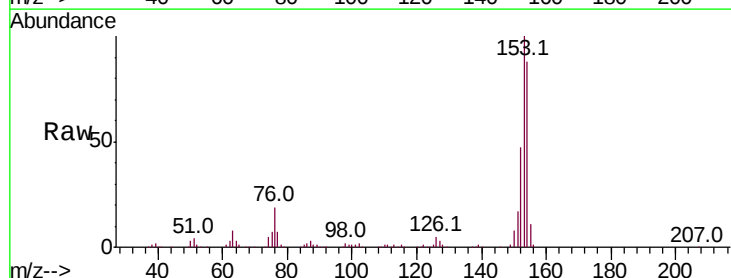
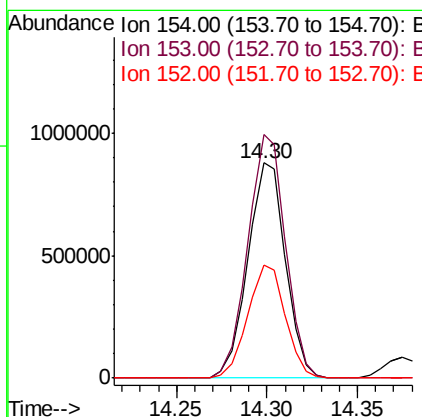
Manual Integrations
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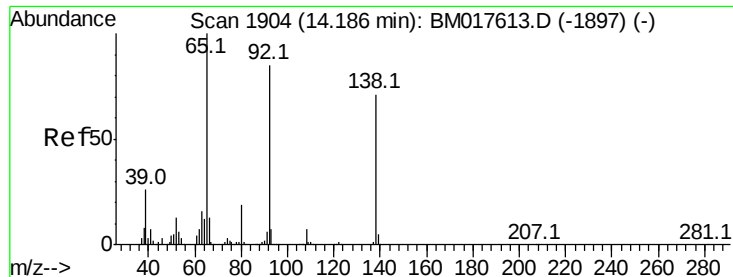
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#52
Acenaphthene
Concen: 39.073 ng
RT: 14.30 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.4
152	52.6	41.6	62.4





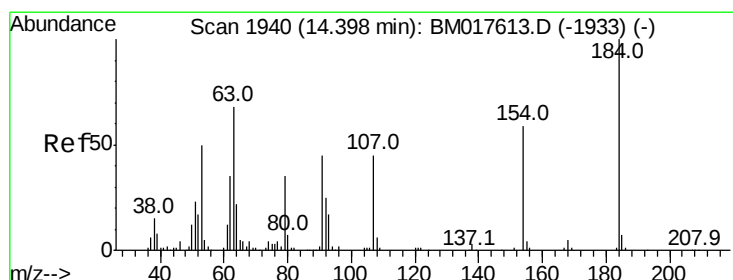
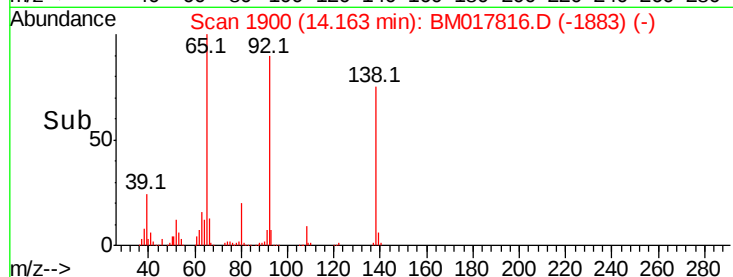
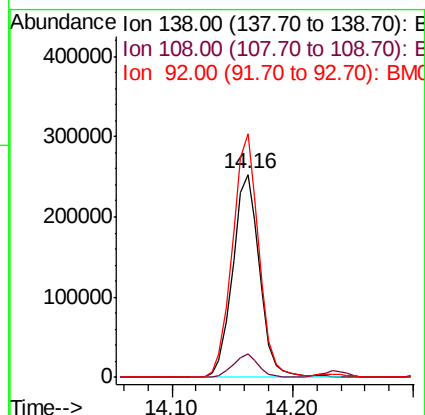
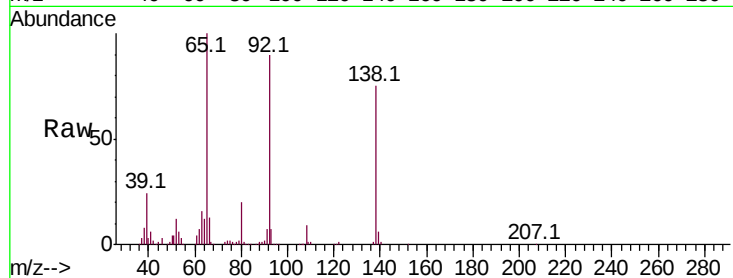
#53
3-Nitroaniline
Concen: 37.596 ng
RT: 14.16 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.2	12.2
92	119.9	95.4	143.2

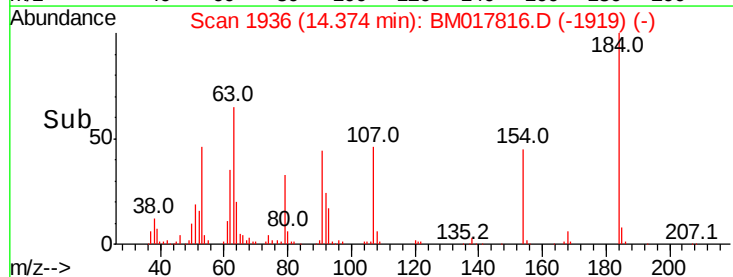
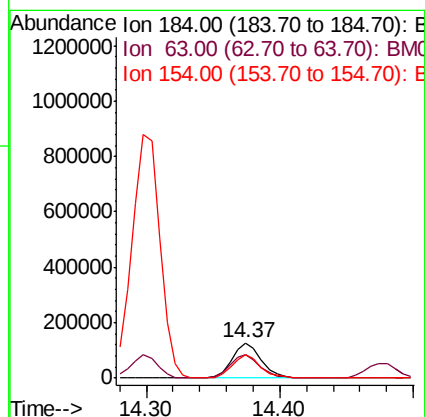
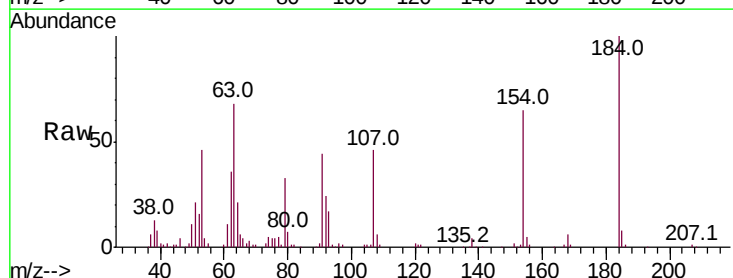
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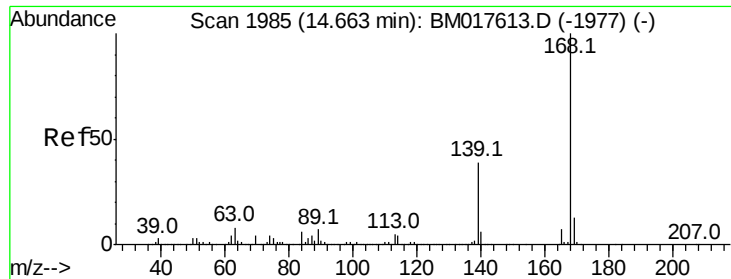
mohammad
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#54
2,4-Dinitrophenol
Concen: 37.520 ng
RT: 14.37 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	55.1	82.7
154	65.0	51.3	76.9





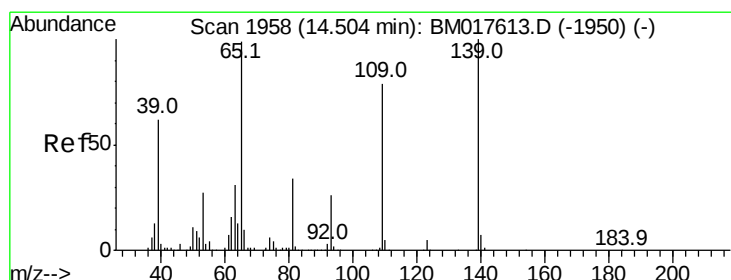
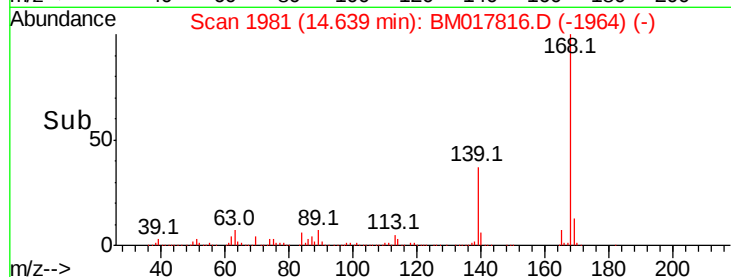
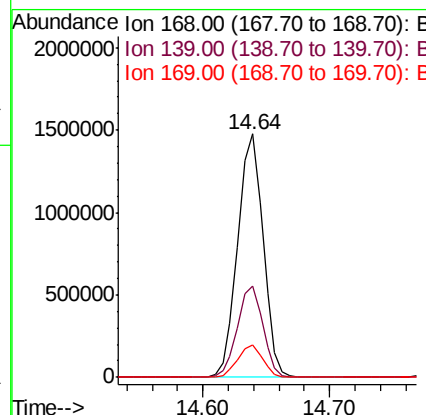
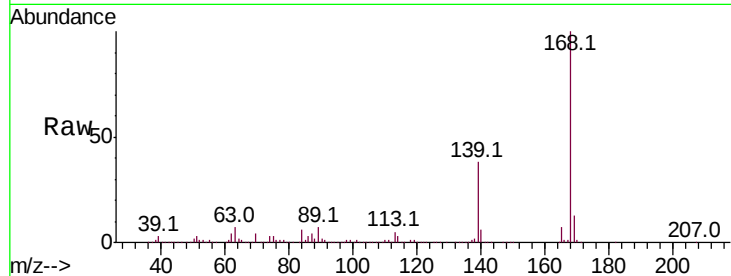
#55
Dibenzofuran
Concen: 38.405 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.6
169	13.2	10.6	16.0

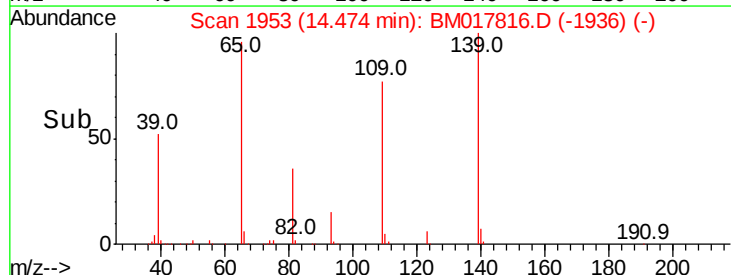
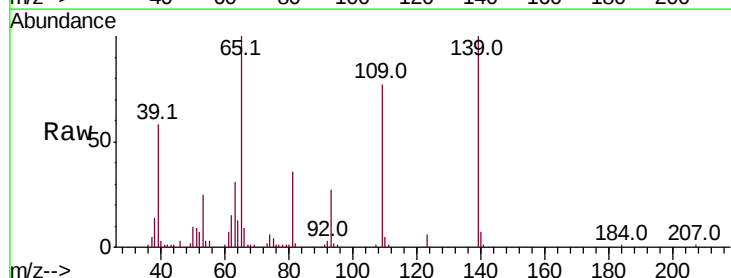
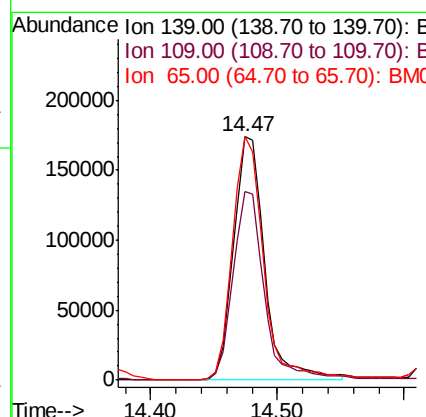
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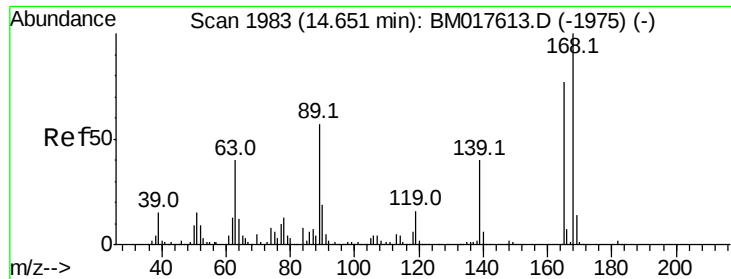
mohammad
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#56
4-Nitrophenol
Concen: 36.427 ng
RT: 14.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	58.6	98.6
65	100.1	79.5	119.5





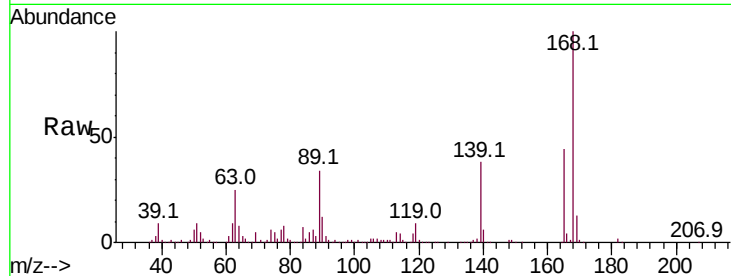
#57
2,4-Dinitrotoluene
Concen: 39.074 ng
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	504475		
63	57.8		41.8	62.8
89	77.5		59.5	89.3
182	3.4		2.3	3.5

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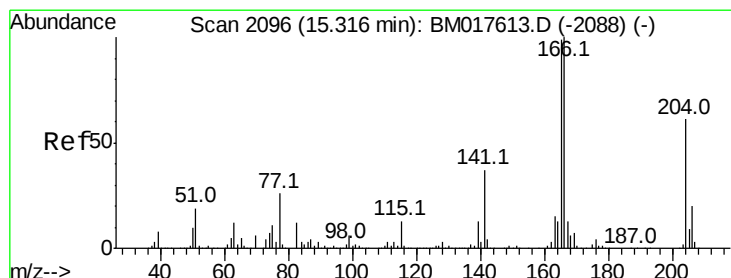
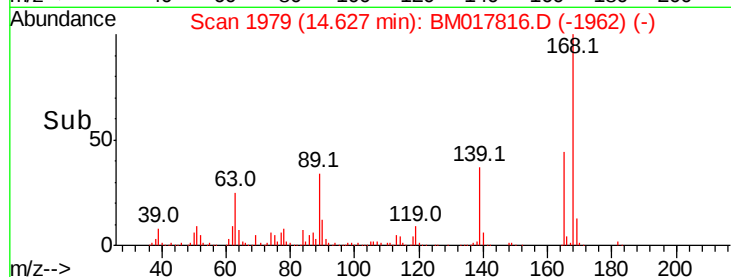
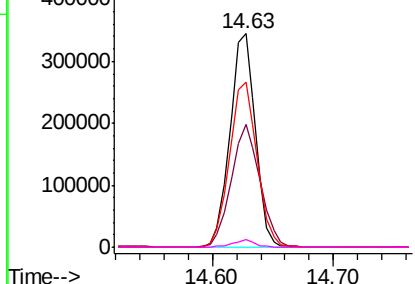
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

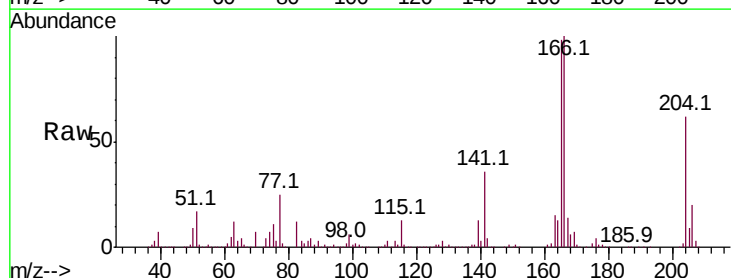
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.026 ng
RT: 15.29 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1546127		
165	98.1		79.0	118.6
167	13.6		10.8	16.2

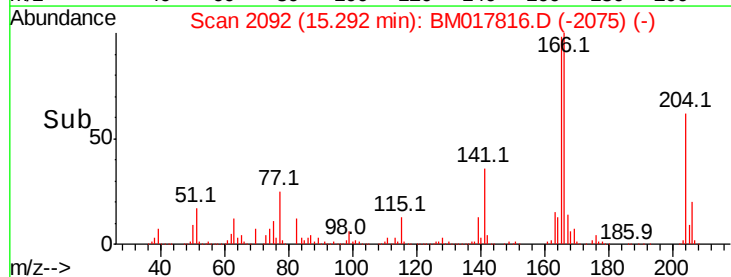
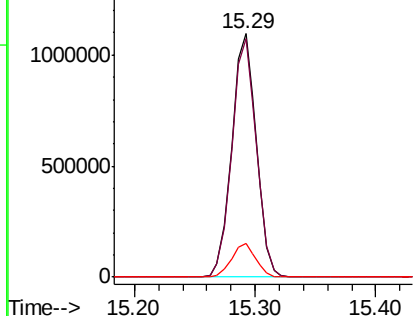


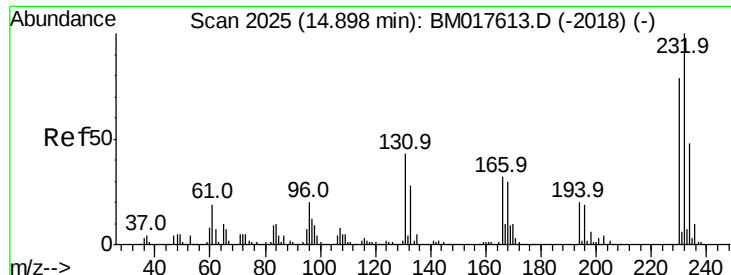
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





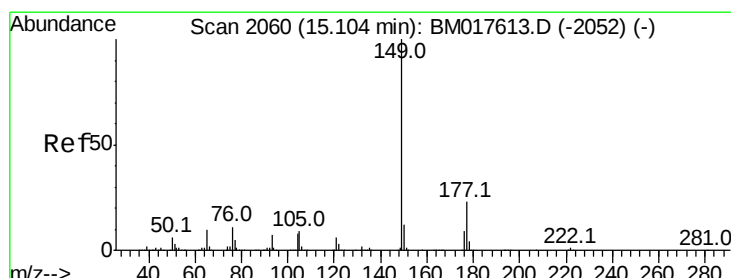
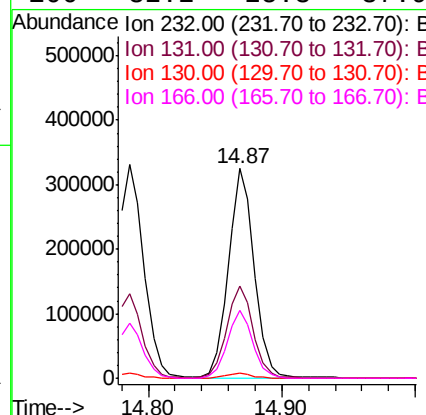
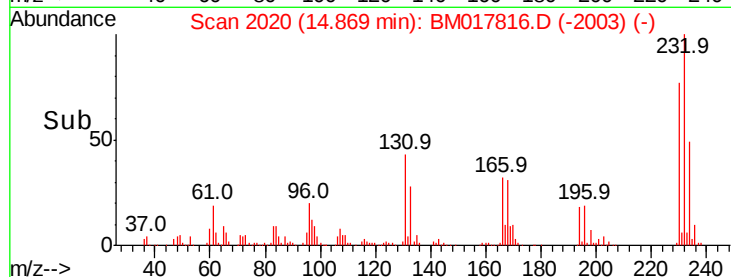
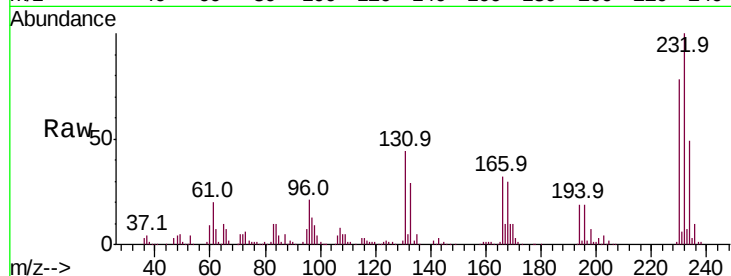
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.573 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	34.8	52.2
130	2.4	1.9	2.9
166	32.2	25.3	37.9

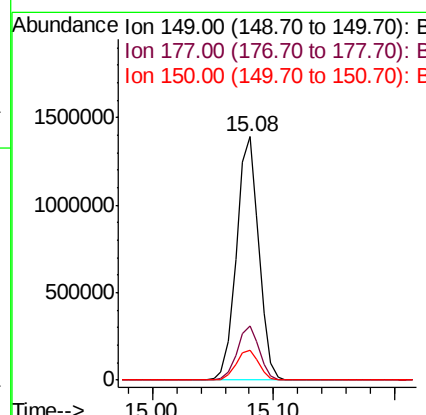
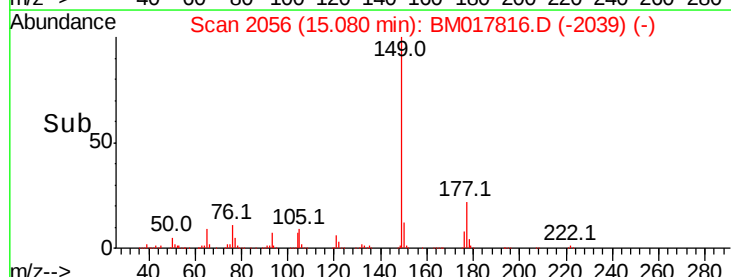
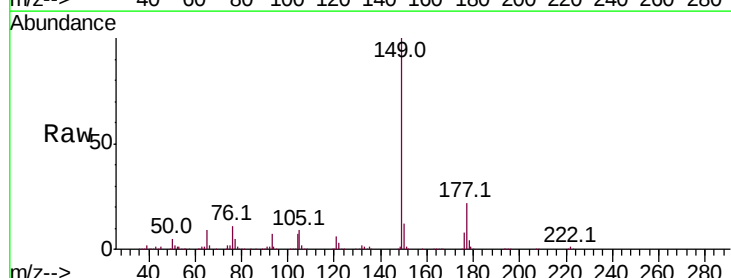
Manual Integrations
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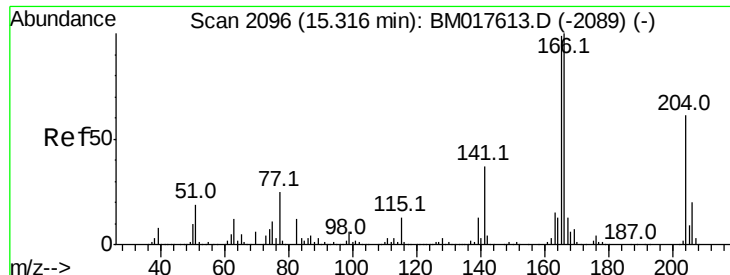
mohammad
 12/3/2018 3:34:22 PM



#60
 Diethylphthalate
 Concen: 38.283 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.1	27.1
150	12.3	9.9	14.9





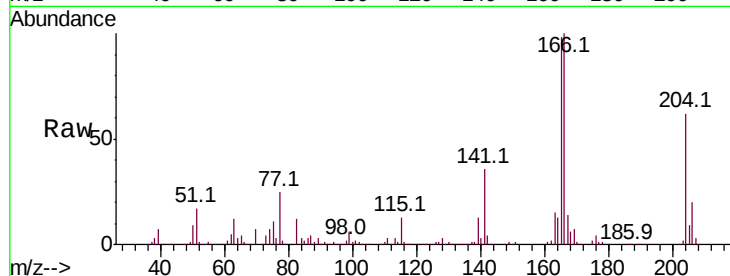
#61
4-Chlorophenyl-phenylether
Concen: 38.079 ng
RT: 15.29 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	58.6	47.9	71.9

Manual Integrations
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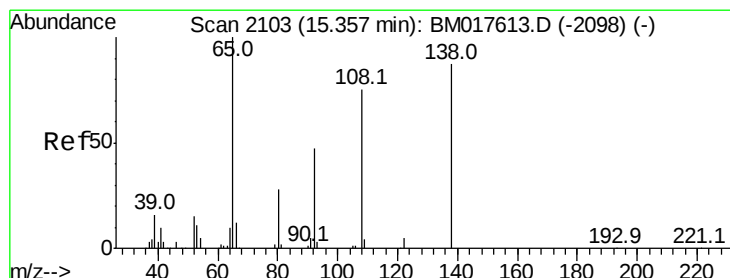
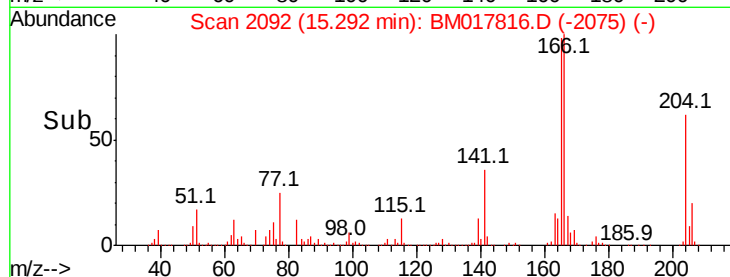
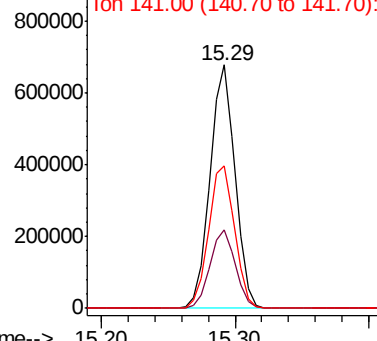


Abundance

Ion 204.00 (203.70 to 204.70): E

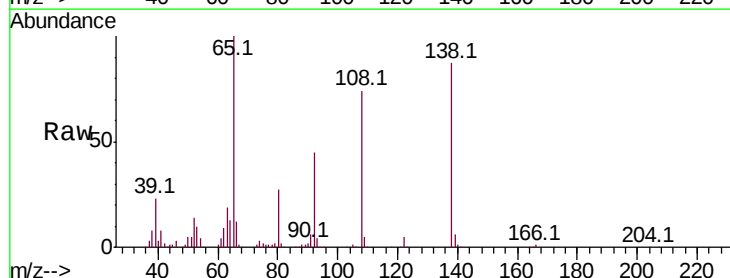
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.571 ng
RT: 15.33 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	33.4	73.4
108	85.0	64.3	104.3

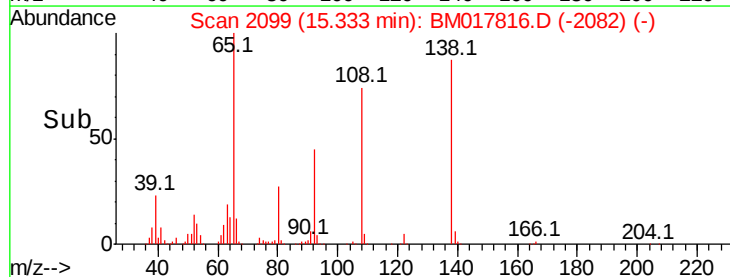
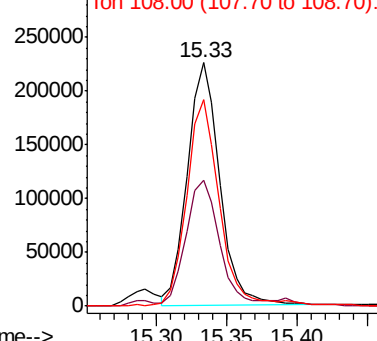


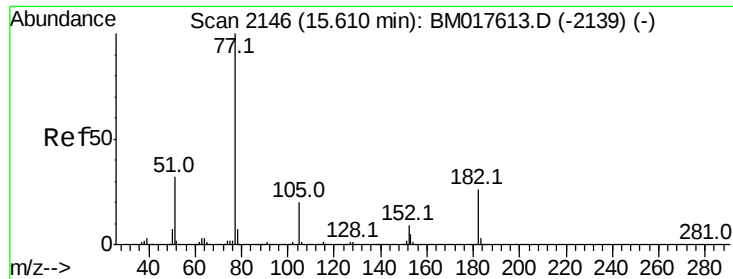
Abundance

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





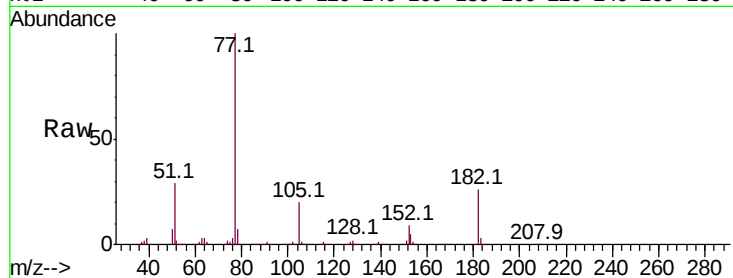
#63
Azobenzene
Concen: 39.227 ng
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.8	45.8
105	20.1	0.0	40.0
51	28.9	12.5	52.5

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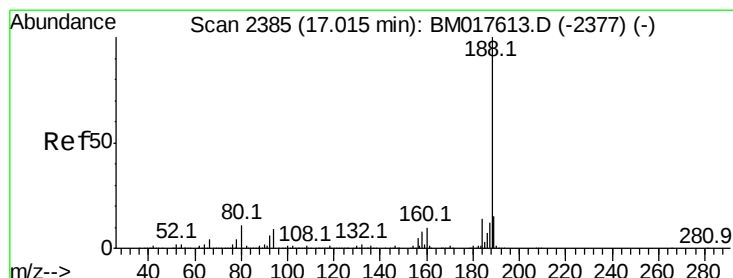
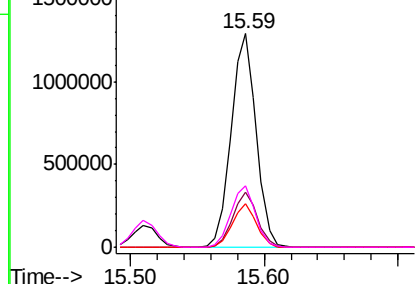
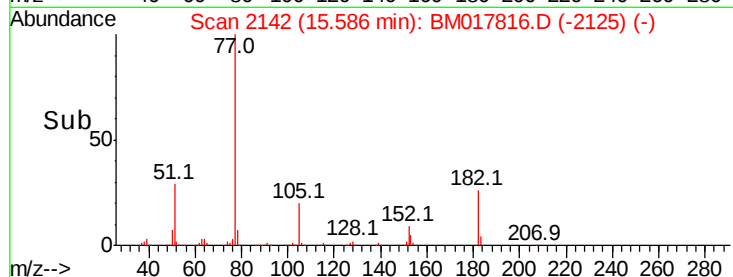
Abundance Ion 77.00 (76.70 to 77.70): BM017613.D (-2139) (-)

2000000

Ion 182.00 (181.70 to 182.70): BM017613.D (-2139) (-)

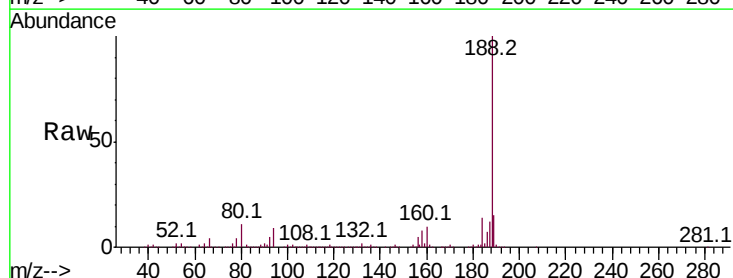
Ion 105.00 (104.70 to 105.70): BM017613.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-2139) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.9	8.6	13.0

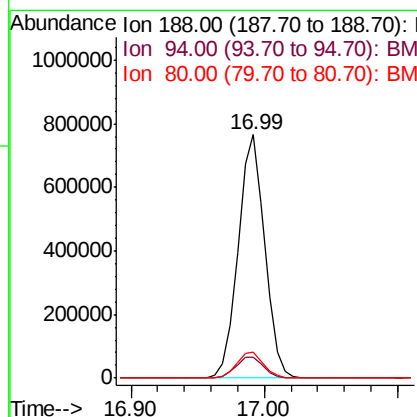
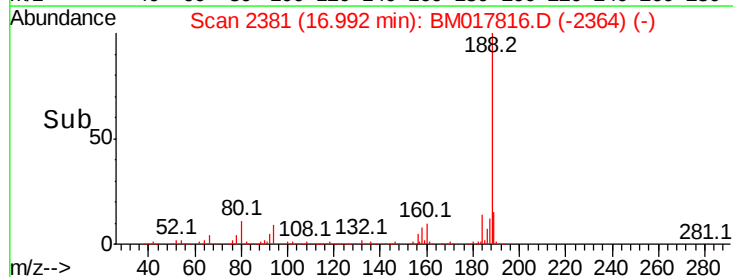


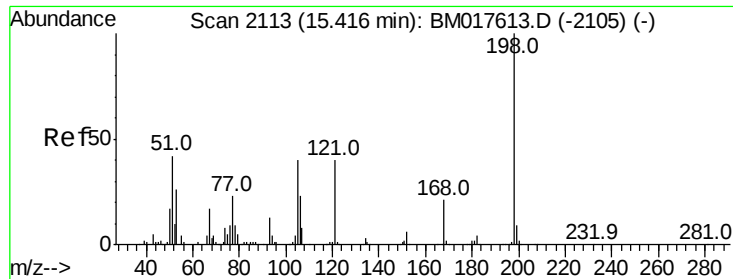
Abundance Ion 188.00 (187.70 to 188.70): BM017613.D (-2377) (-)

1000000

Ion 94.00 (93.70 to 94.70): BM017613.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017613.D (-2377) (-)





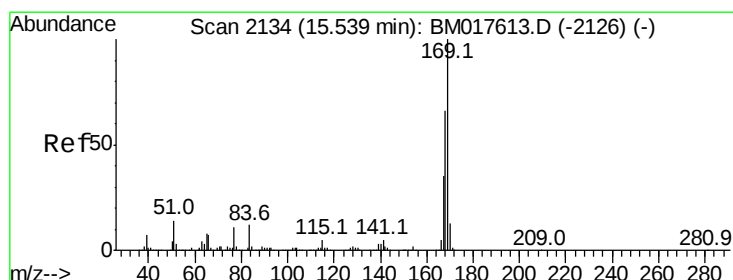
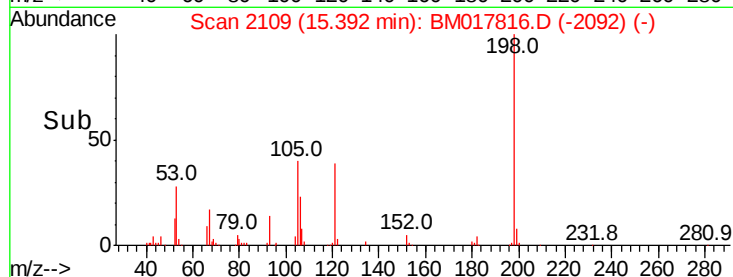
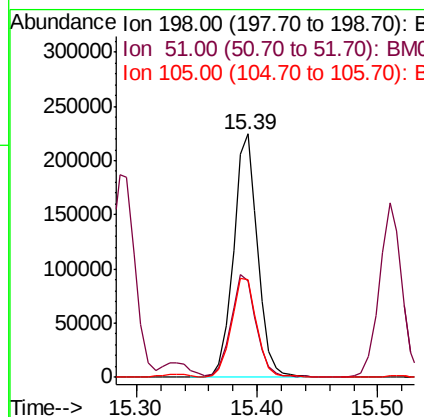
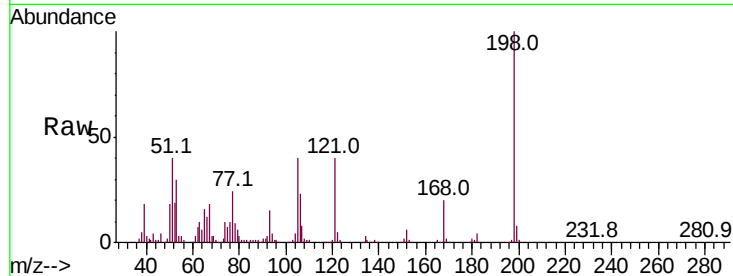
#65
4,6-Dinitro-2-methylphenol
Concen: 42.638 ng
RT: 15.39 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	39.5	25.9	65.9	
105	40.3	20.6	60.6	

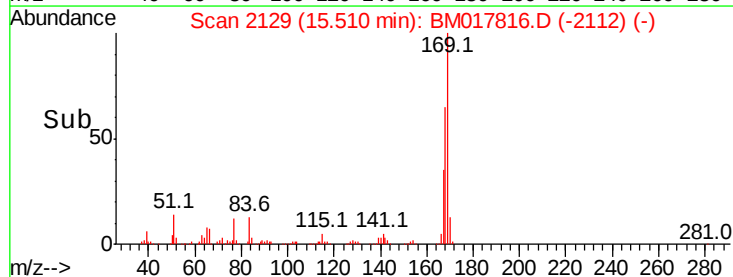
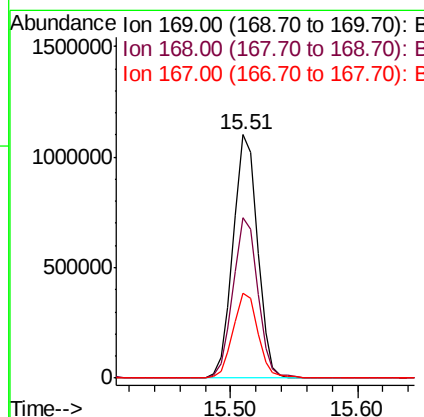
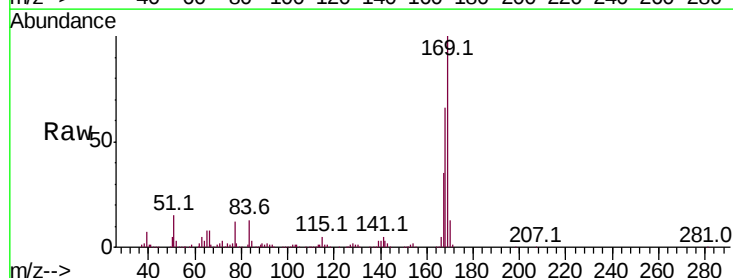
Manual Integrations
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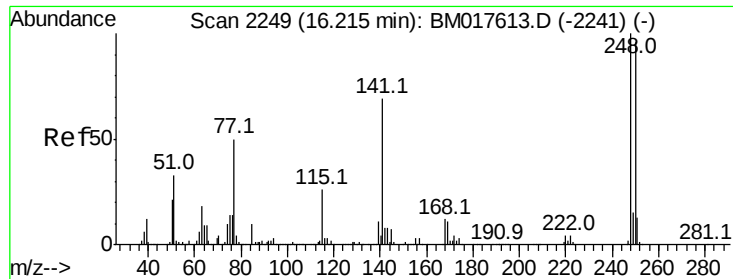
mohammad
12/3/2018 3:34:22 PM



#66
n-Nitrosodiphenylamine
Concen: 42.975 ng
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.7	53.0	79.6	
167	35.1	28.0	42.0	





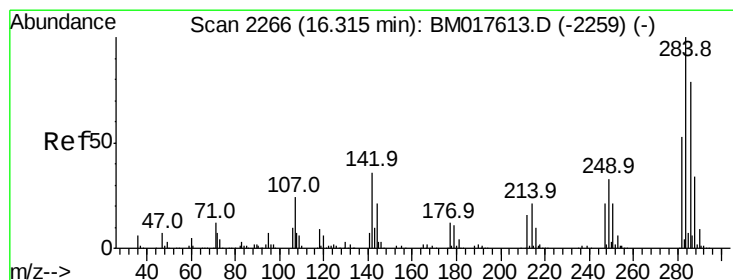
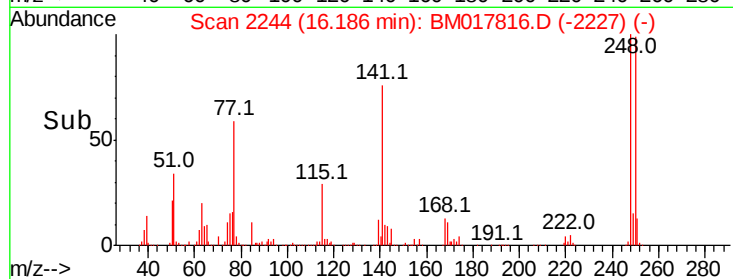
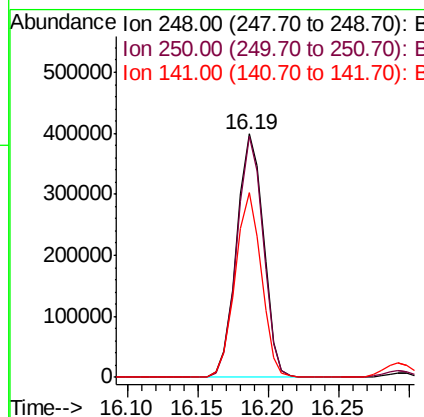
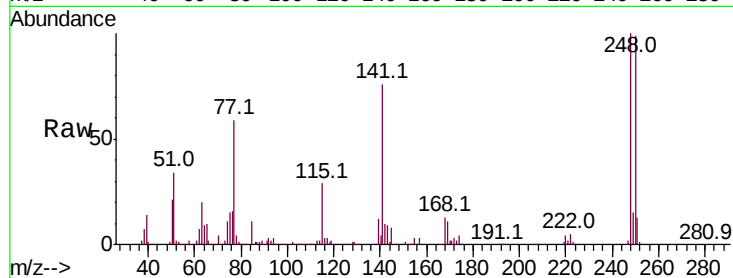
#67
 4-Bromophenyl-phenylether
 Concen: 42.584 ng
 RT: 16.19 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	530978
Ion Ratio	Lower	Upper	
248	100		
250	98.9	76.5	114.7
141	75.8	54.9	82.3

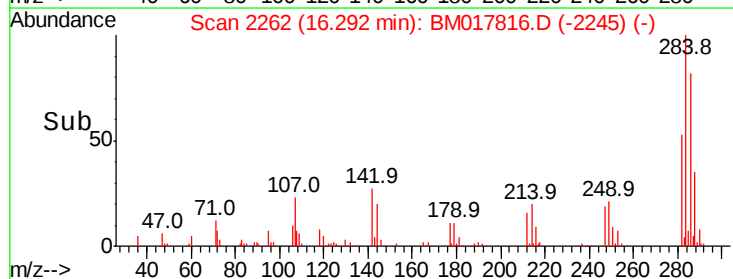
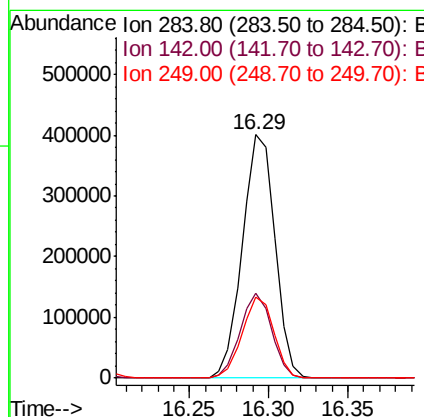
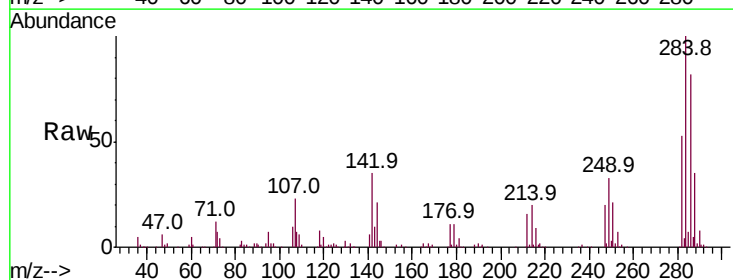
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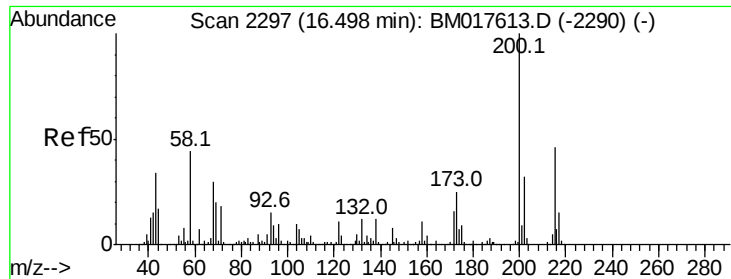
mohammad
 12/3/2018 3:34:22 PM



#68
 Hexachlorobenzene
 Concen: 40.692 ng
 RT: 16.29 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Tgt Ion:	284	Resp:	571999
Ion Ratio	Lower	Upper	
284	100		
142	34.7	28.4	42.6
249	33.0	26.4	39.6





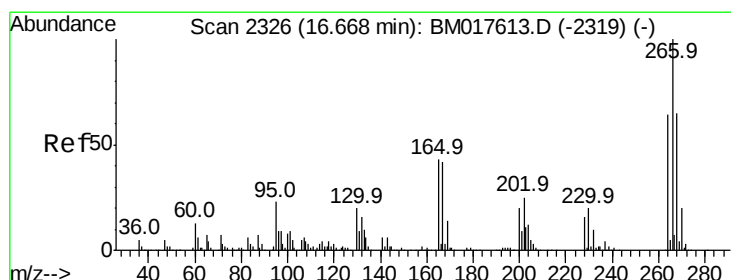
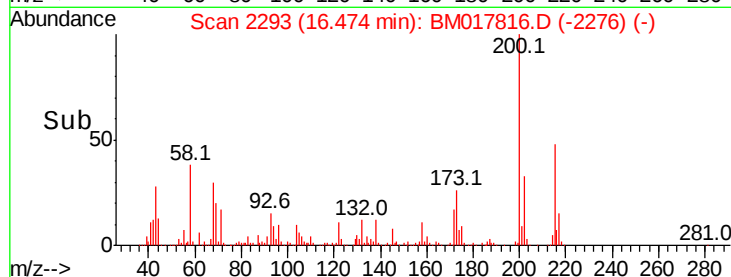
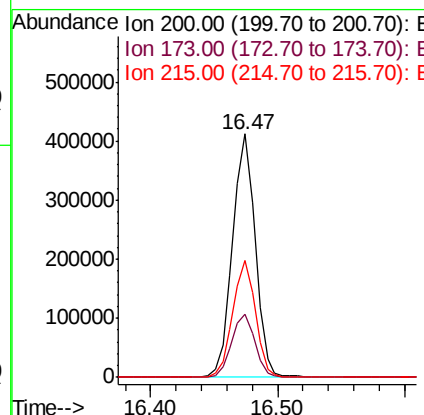
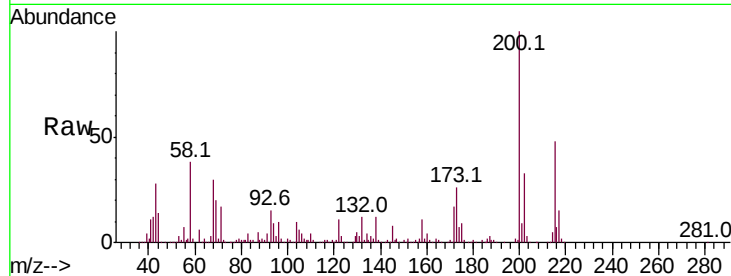
#69
Atrazine
Concen: 41.083 ng
RT: 16.47 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	5.1	45.1
215	48.0	25.8	65.8

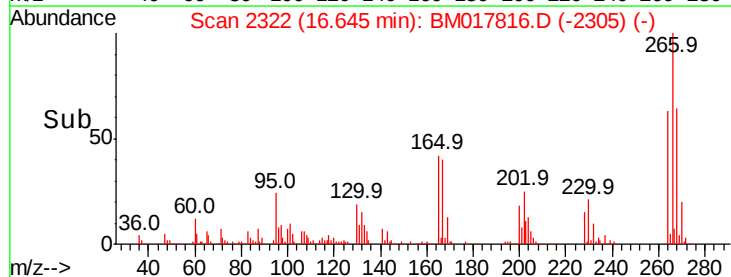
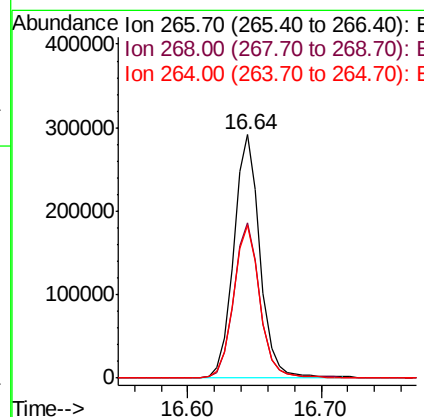
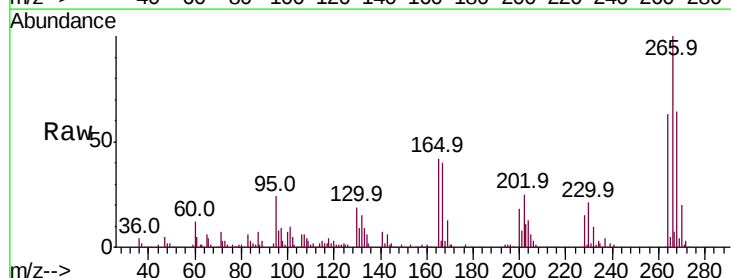
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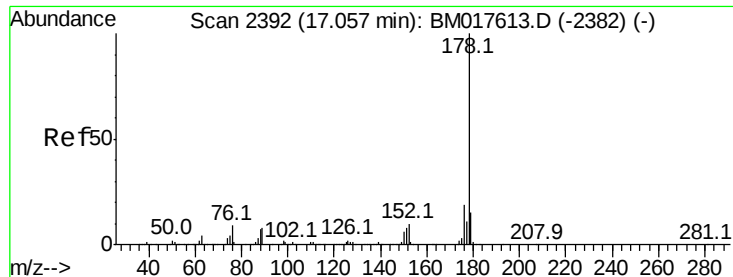
mohammad
12/3/2018 3:34:22 PM



#70
Pentachlorophenol
Concen: 40.716 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	51.7	77.5
264	62.5	51.3	76.9





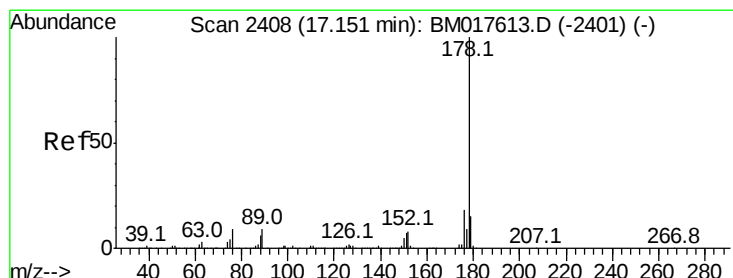
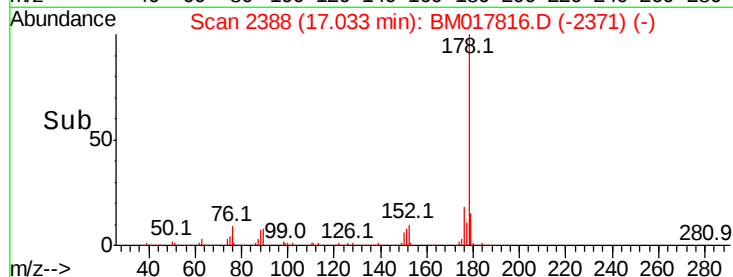
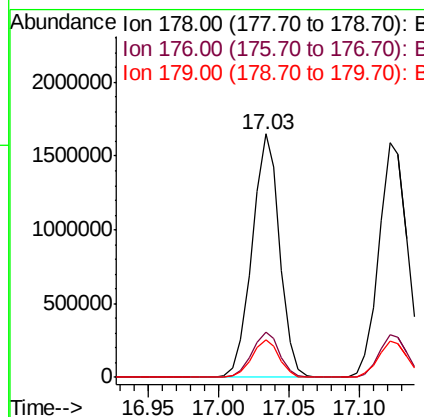
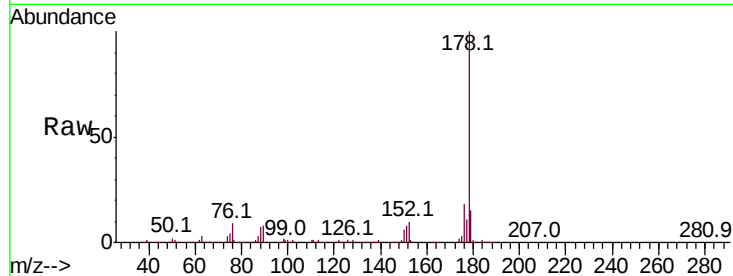
#71
Phenanthrene
Concen: 39.478 ng
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.4	18.6

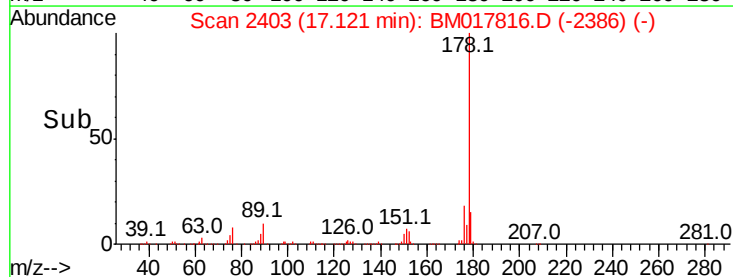
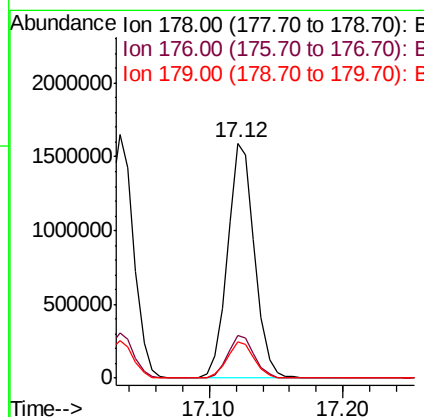
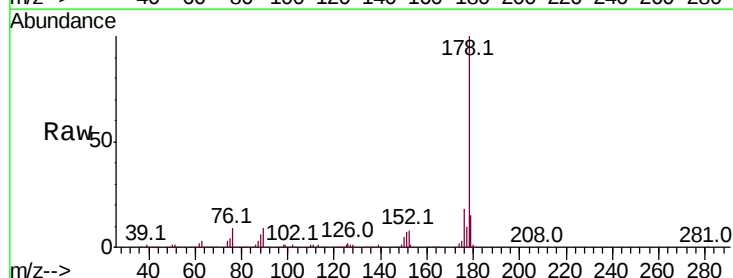
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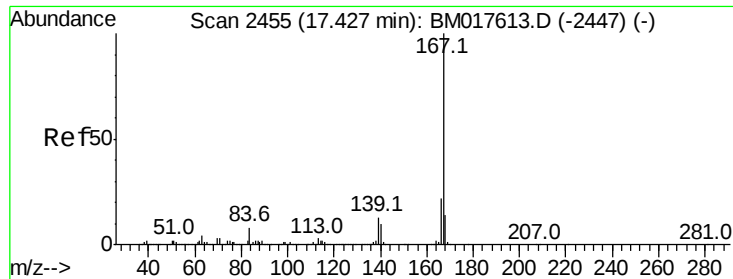
mohammad
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#72
Anthracene
Concen: 40.248 ng
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.4	12.3	18.5





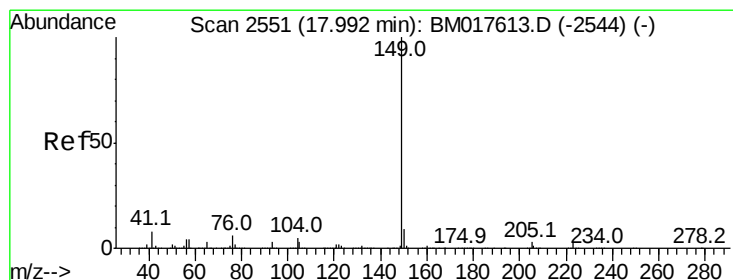
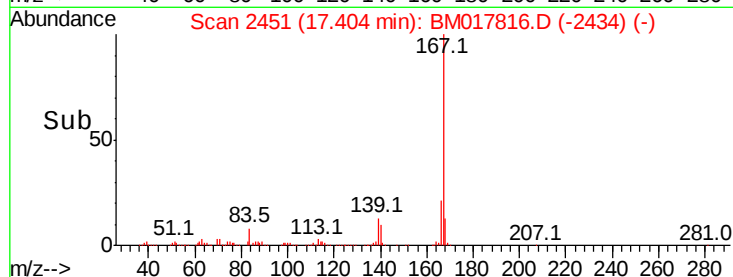
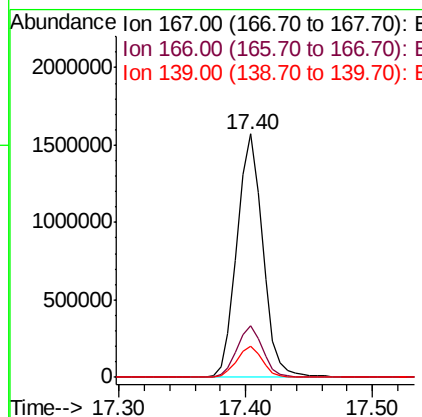
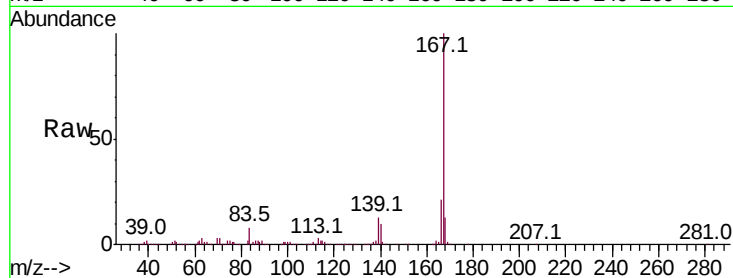
#73
 Carbazole
 Concen: 39.450 ng
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.8	10.2	15.4

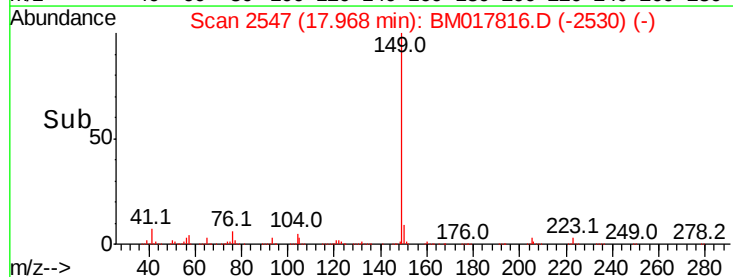
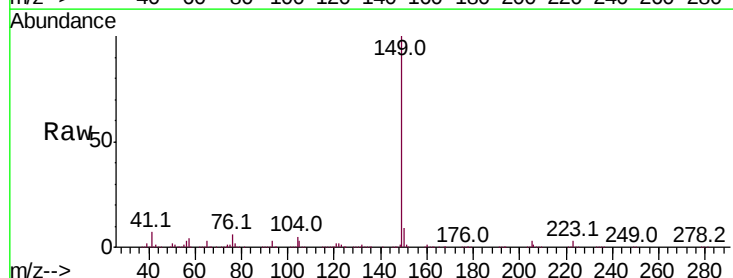
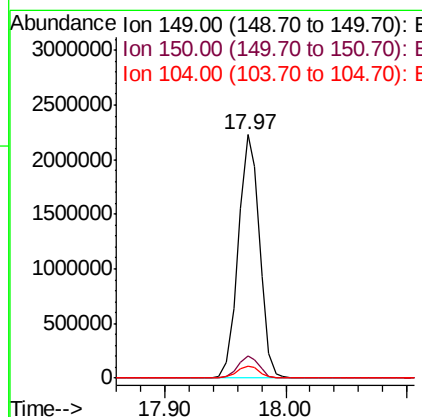
Manual Integrations
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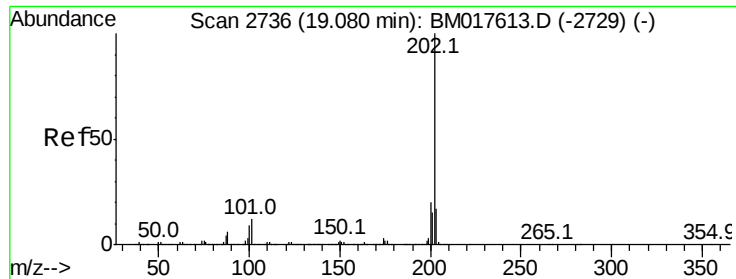
mohammad
 12/3/2018 3:34:22 PM



#74
 Di-n-butylphthalate
 Concen: 43.675 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 35.000 ng

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

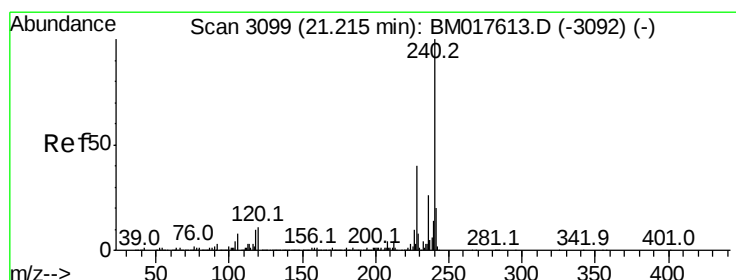
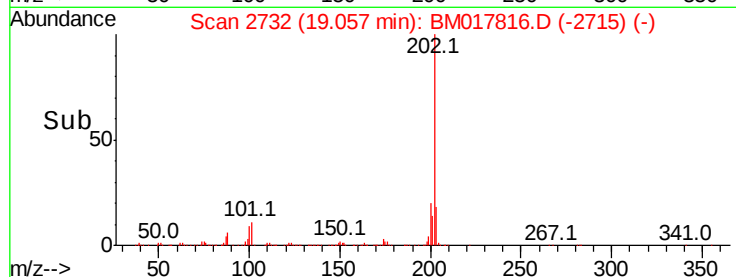
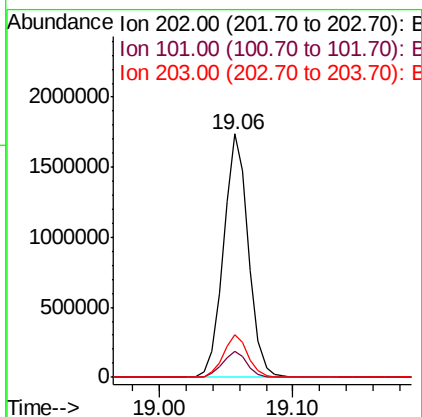
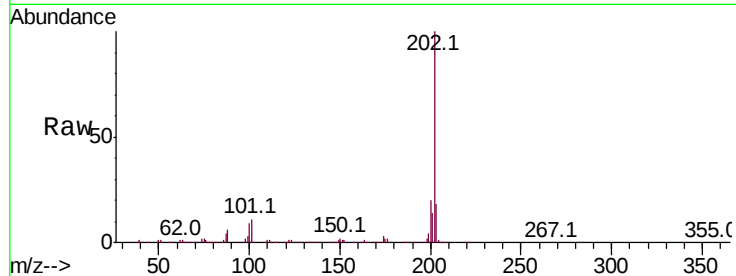
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	2265507
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.5
203	17.5	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

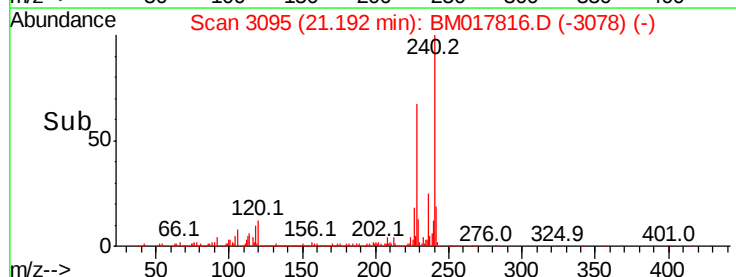
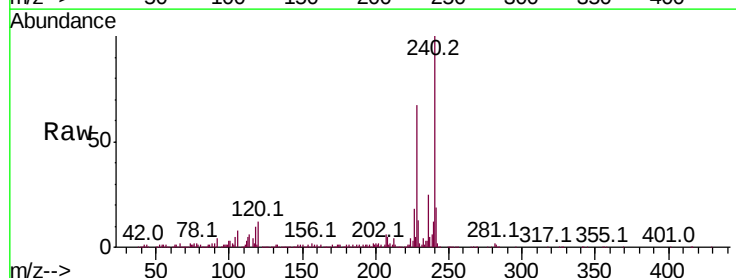
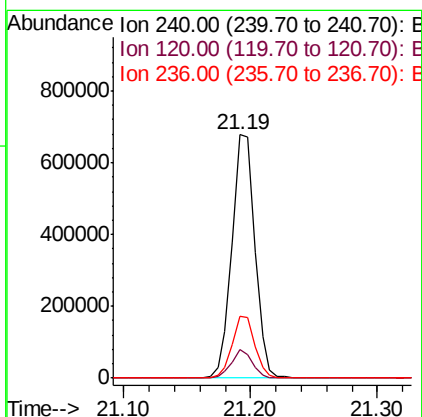
RT: 21.19 min Scan# 3095

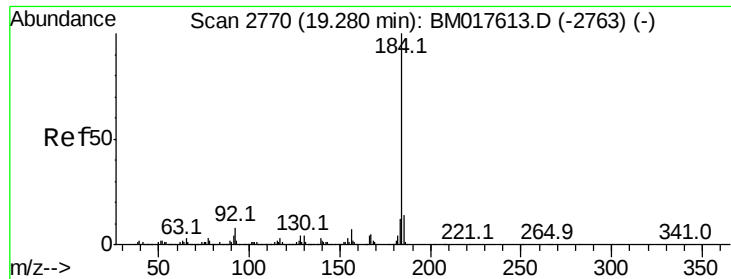
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	240	Resp:	847401
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.5	12.7
236	25.4	20.4	30.6





#77

Benzidine

Concen: 43.499 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1200352

Ion Ratio Lower Upper

184 100

185 13.8 11.2 16.8

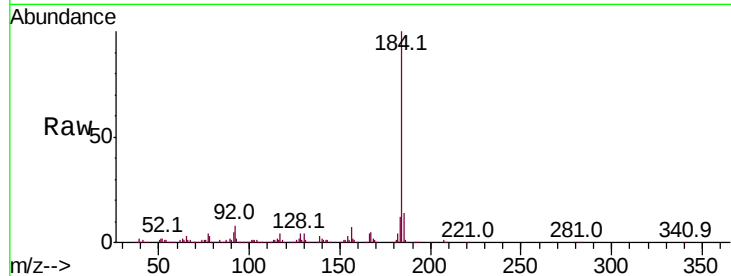
183 11.8 9.5 14.3

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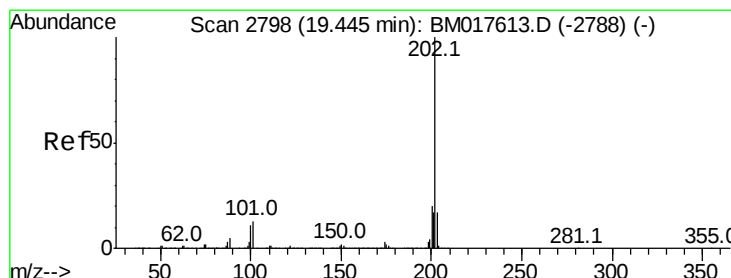
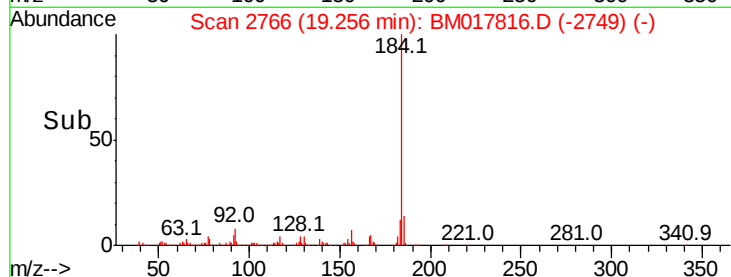
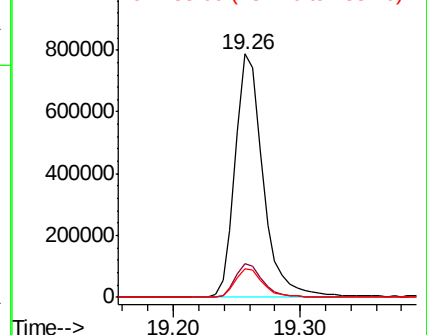
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.863 ng

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

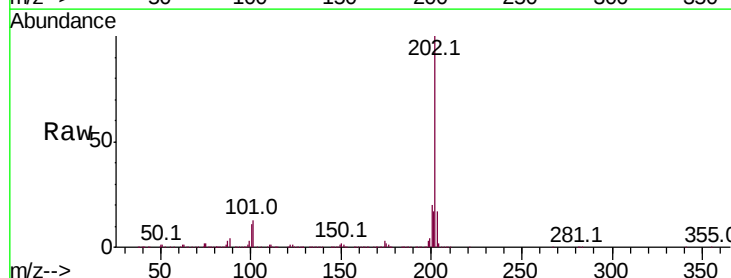
Tgt Ion:202 Resp: 2293430

Ion Ratio Lower Upper

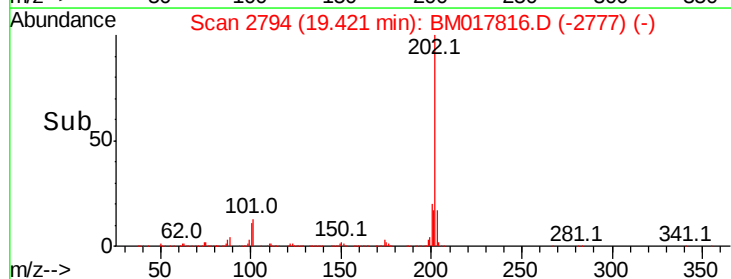
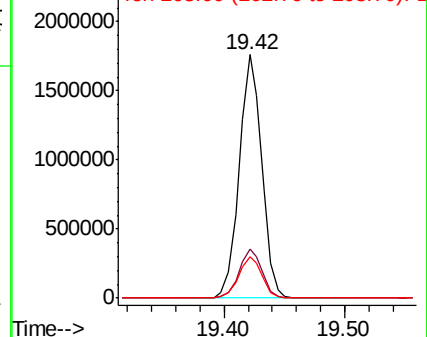
202 100

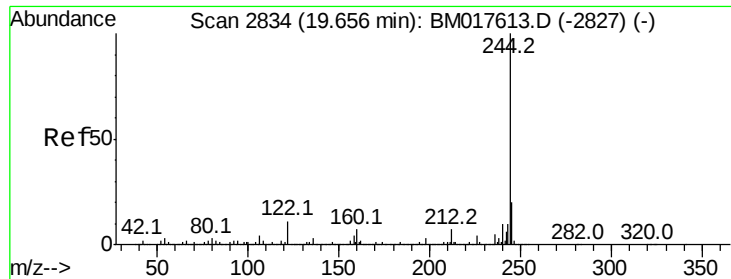
200 20.2 16.4 24.6

203 16.9 13.8 20.8



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





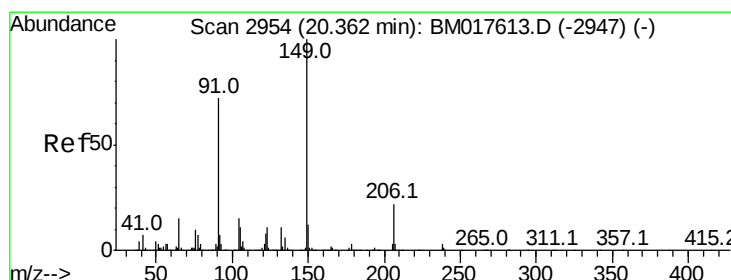
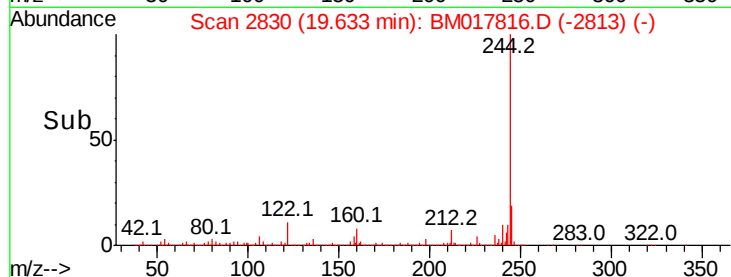
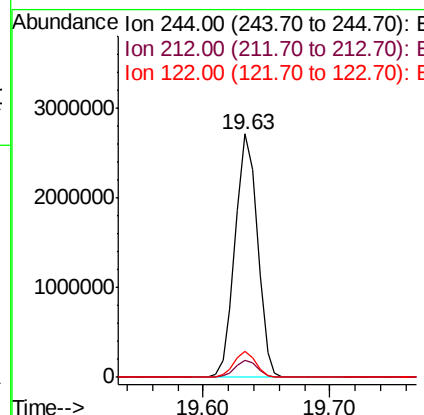
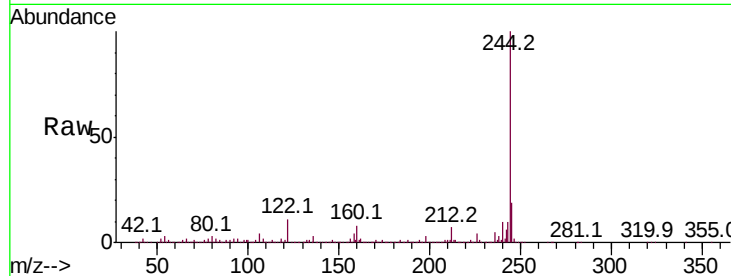
#79
 Terphenyl-d14
 Concen: 88.481 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.8	9.0	13.6

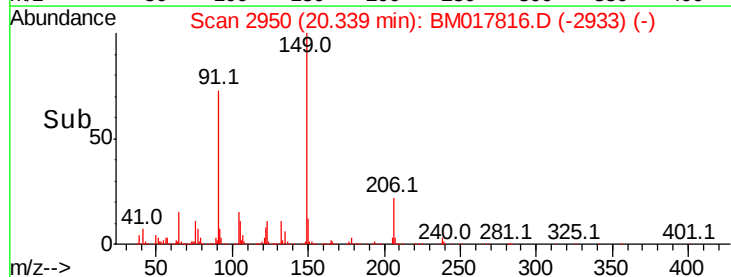
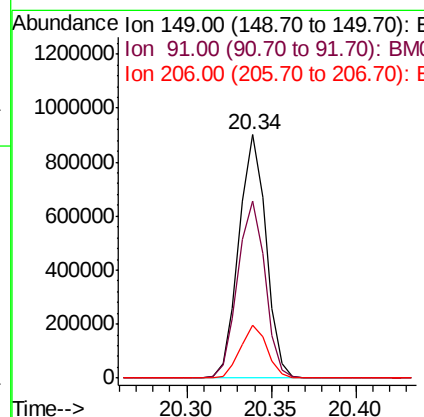
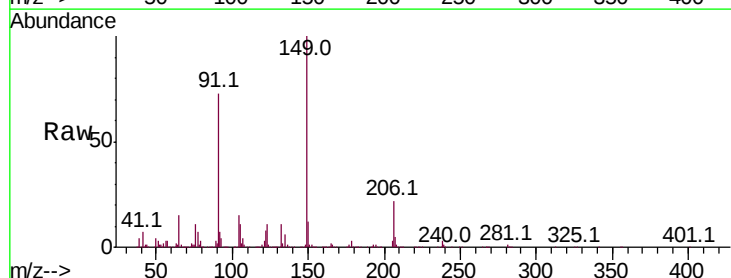
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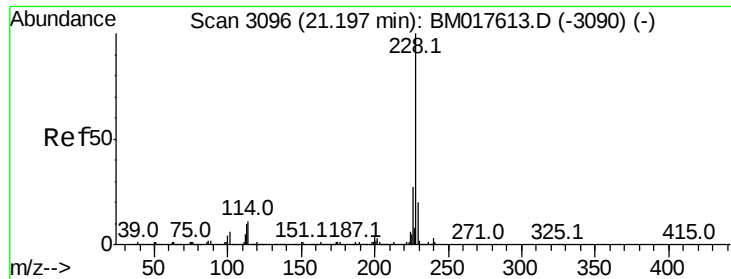
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#80
 Butylbenzylphthalate
 Concen: 47.556 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: BM017816.D
 Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	57.6	86.4
206	21.5	17.4	26.0





#81

Benzo(a)anthracene

Concen: 39.138 ng

RT: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1910733

Ion Ratio Lower Upper

228 100

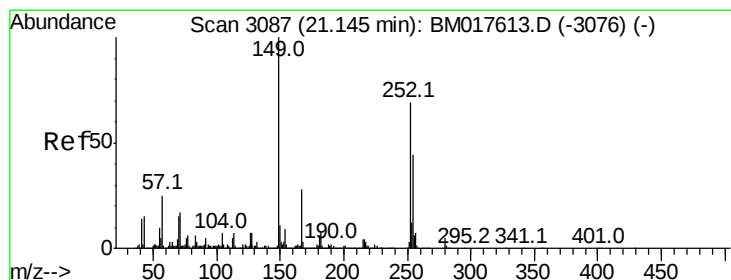
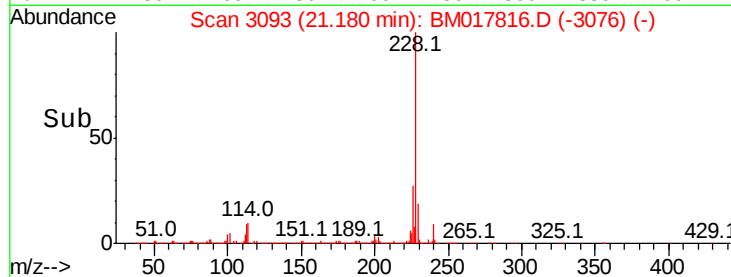
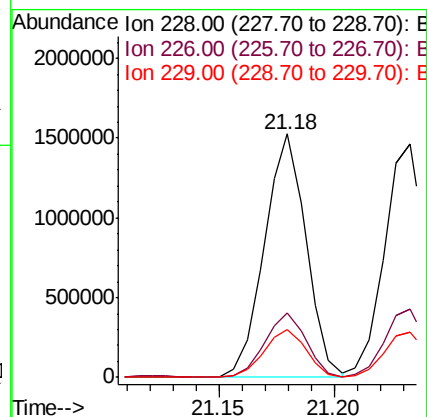
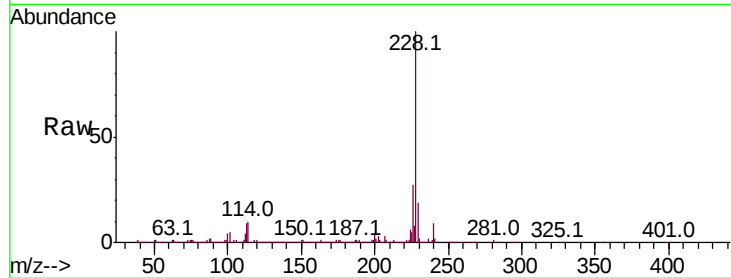
226 26.6 21.3 31.9

229 19.4 16.0 24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.131 ng

RT: 21.12 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

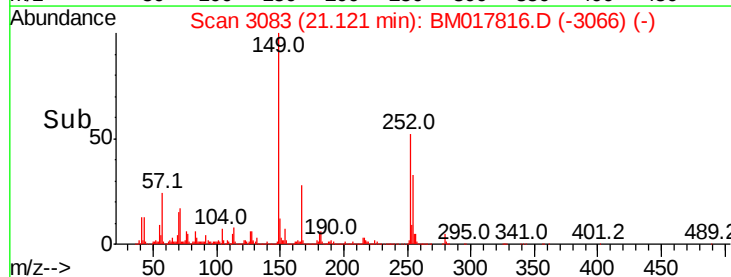
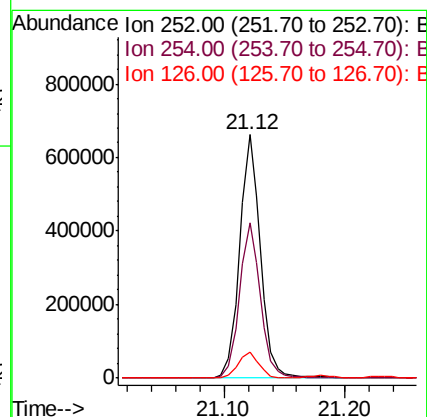
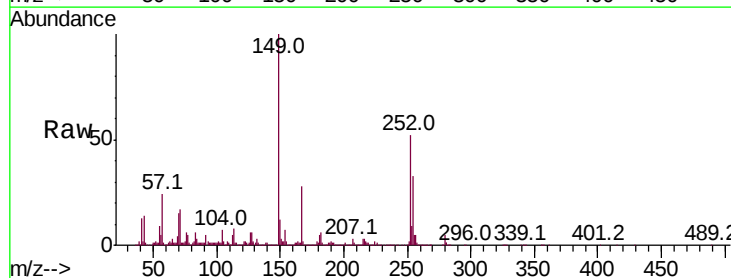
Tgt Ion:252 Resp: 793831

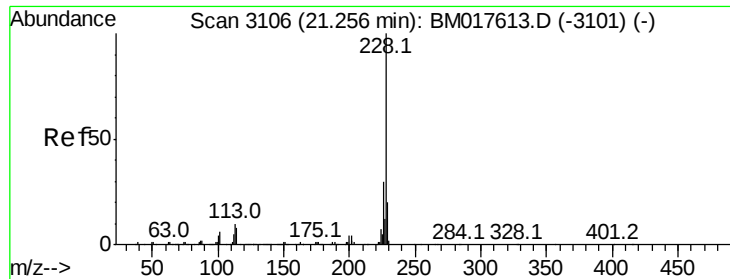
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

126 10.8 8.0 12.0





#83

Chrysene

Concen: 39.176 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1857639

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

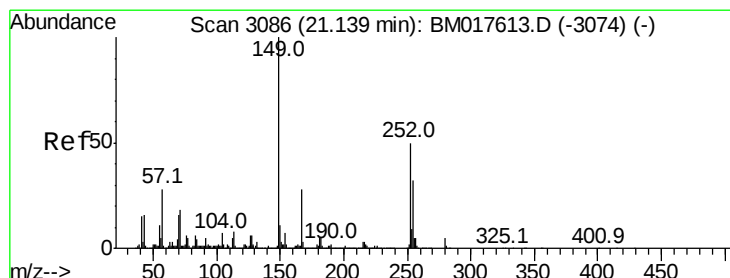
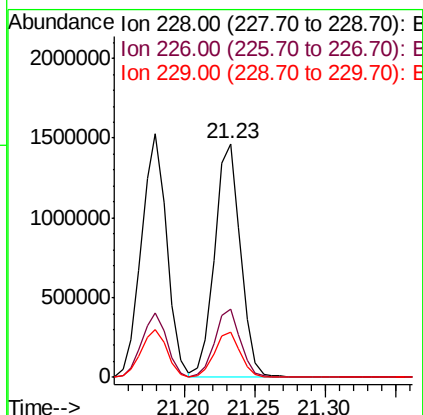
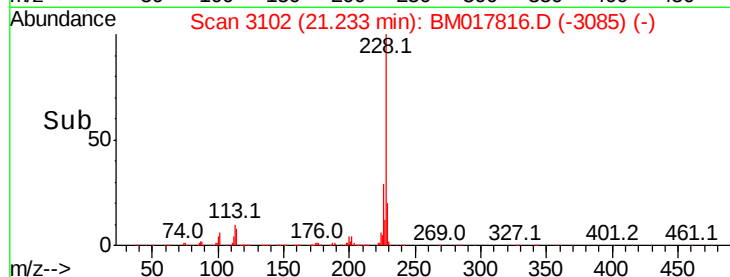
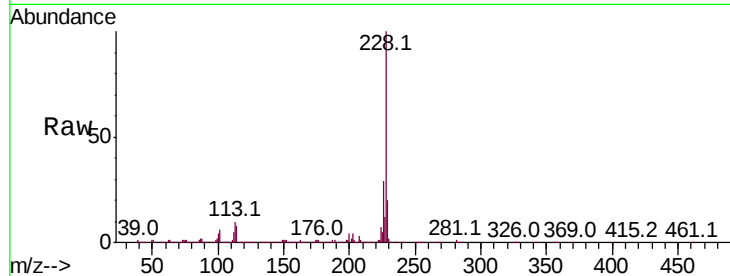
229 19.5 15.8 23.6

Manual Integrations

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.952 ng

RT: 21.12 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

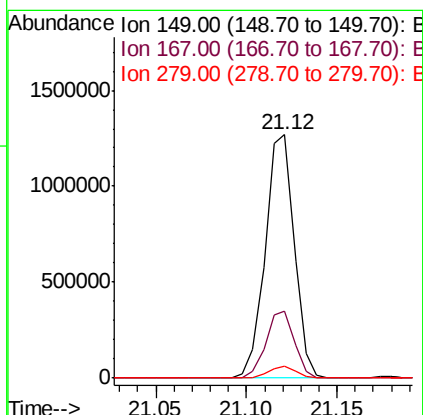
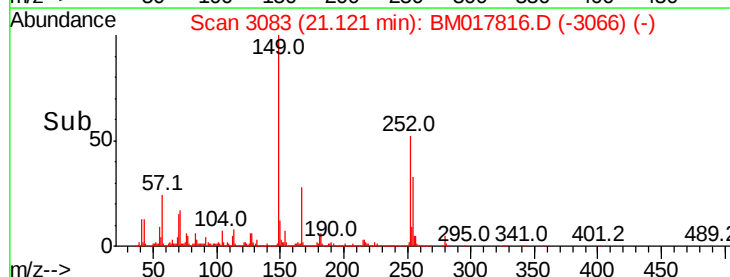
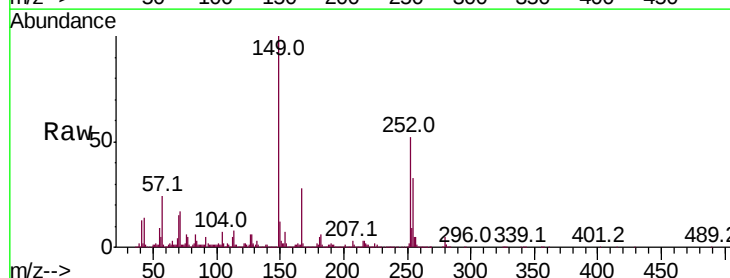
Tgt Ion:149 Resp: 1411233

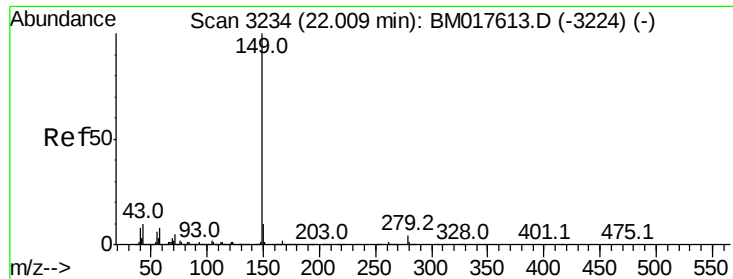
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 4.7 3.7 5.5





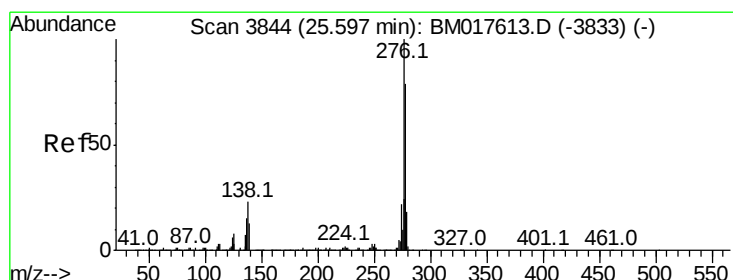
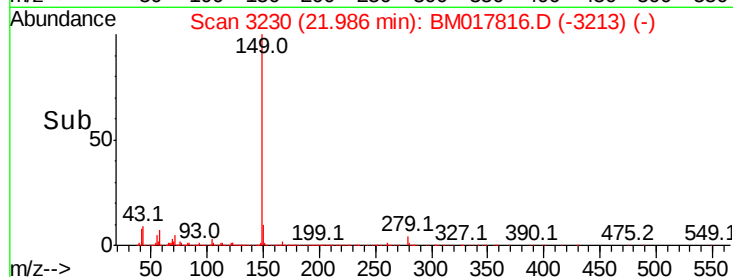
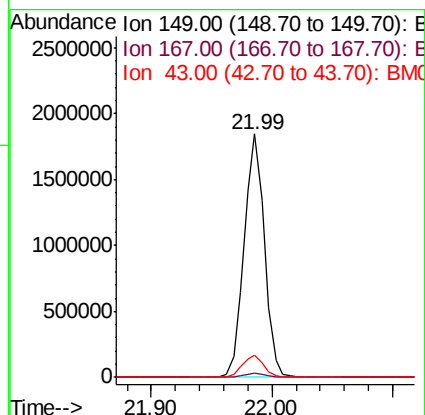
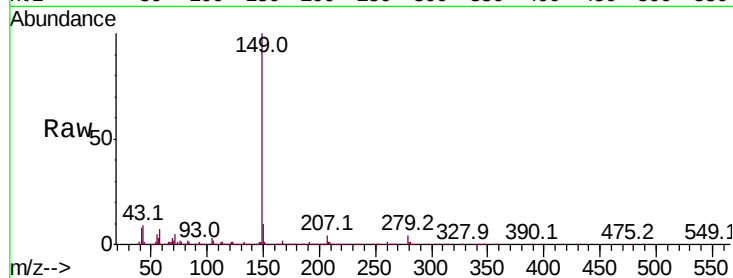
#85
Di-n-octyl phthalate
Concen: 43.007 ng
RT: 21.99 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	8.3	12.5

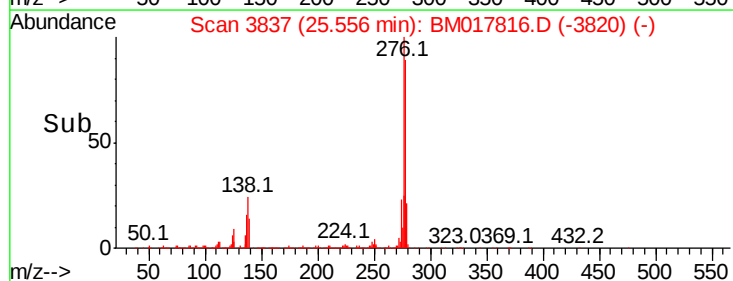
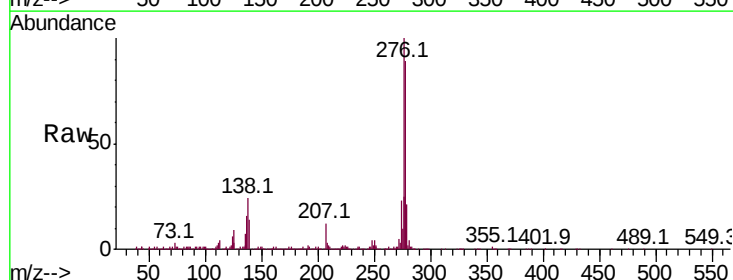
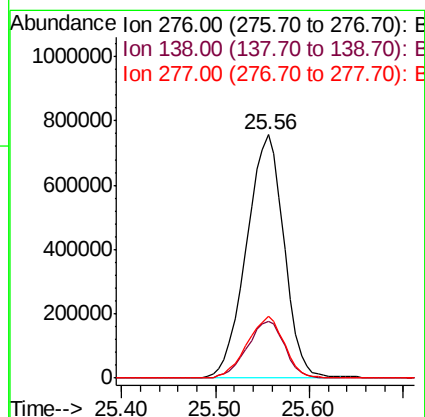
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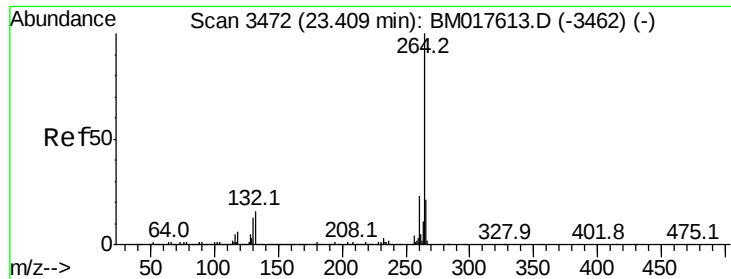
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#86
Indeno(1,2,3-cd)pyrene
Concen: 55.290 ng
RT: 25.56 min Scan# 3837
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.1	28.7
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

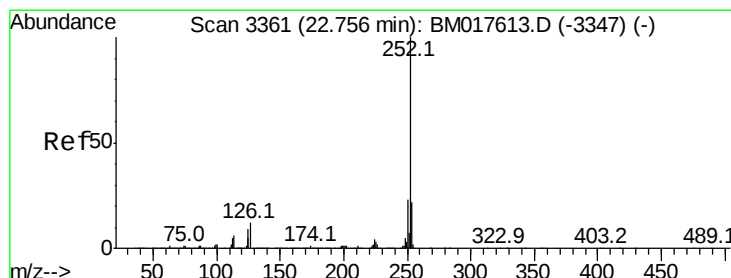
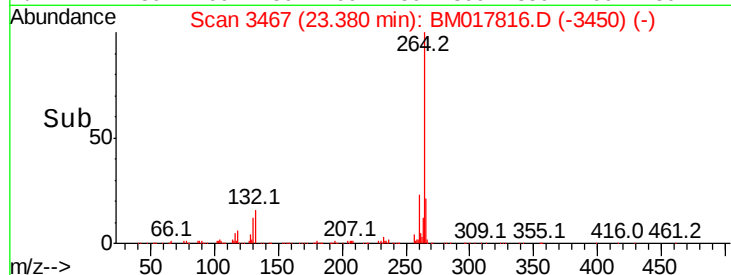
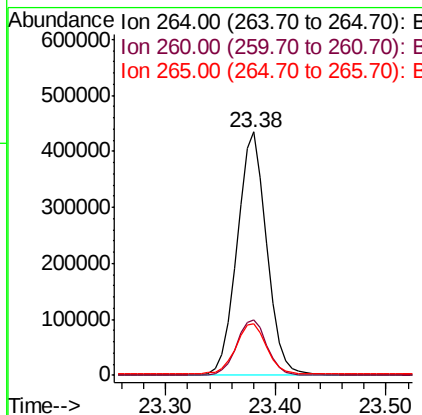
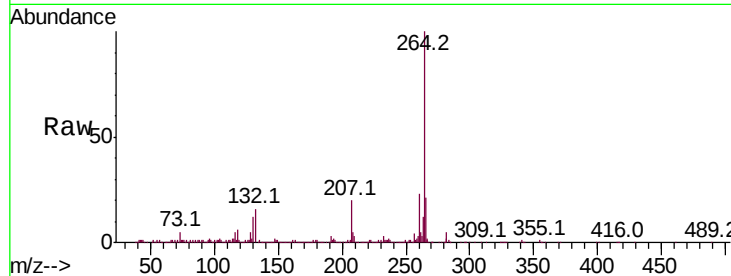
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	818284
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.2
265	21.4	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 37.862 ng

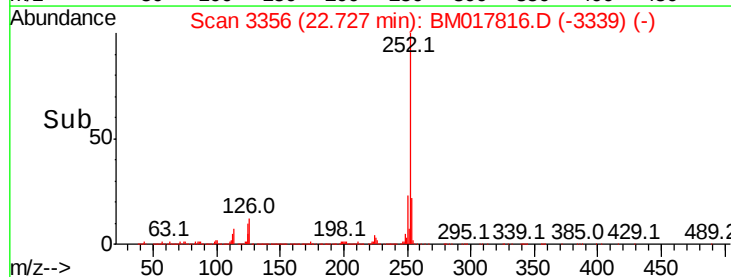
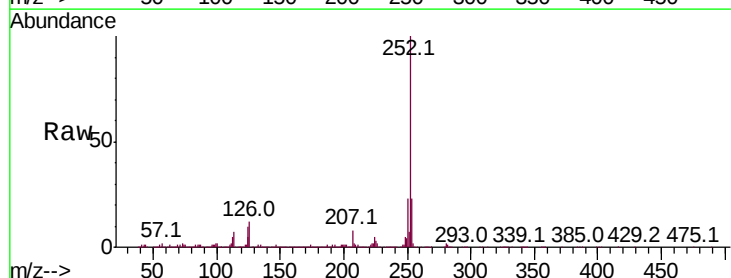
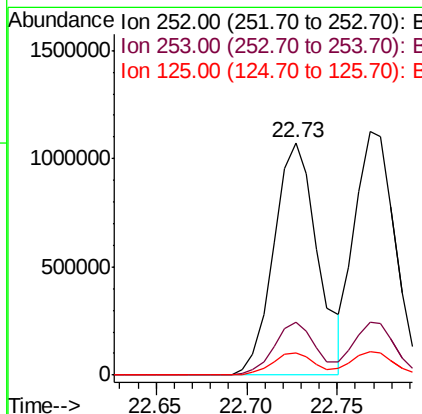
RT: 22.73 min Scan# 3356

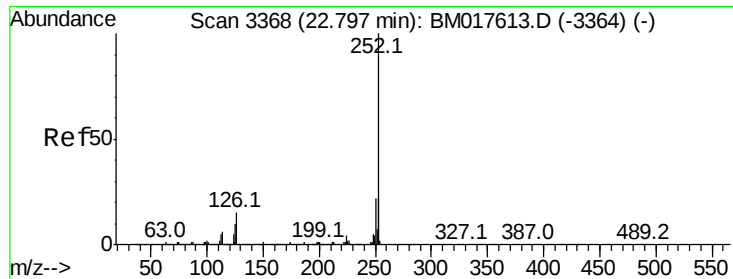
Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	252	Resp:	1814417
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	9.8	7.6	11.4





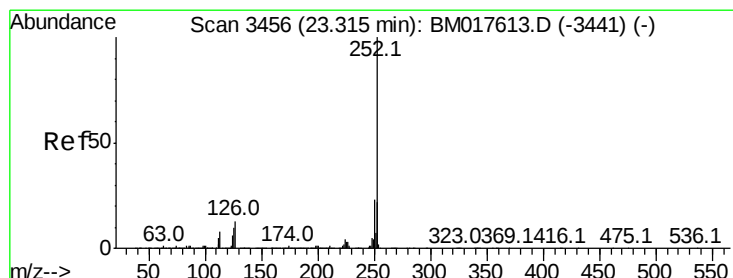
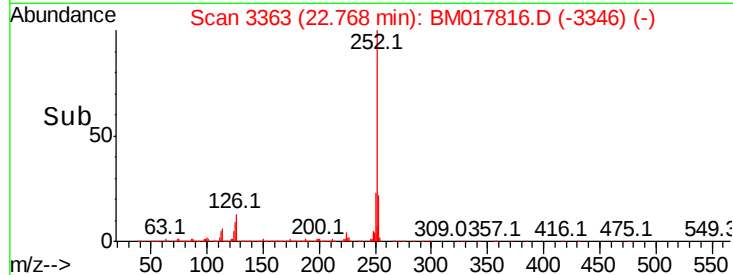
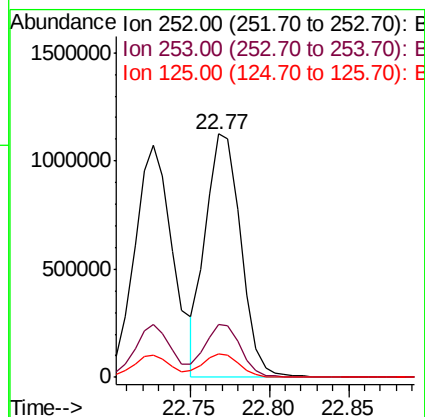
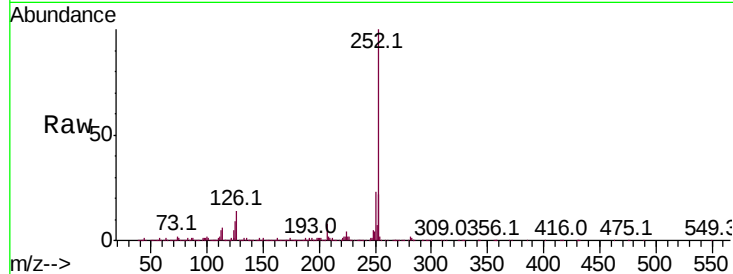
#89
Benzo(k)fluoranthene
Concen: 35.913 ng
RT: 22.77 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

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

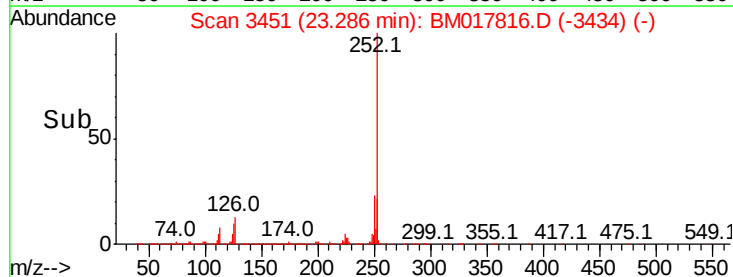
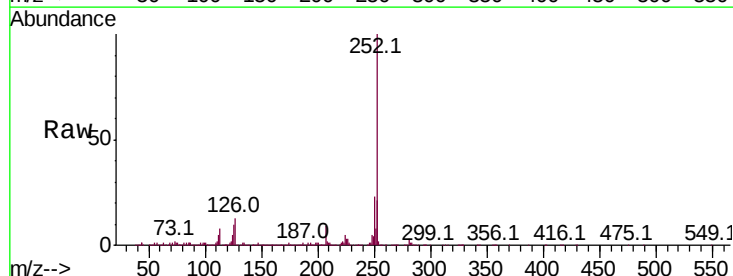
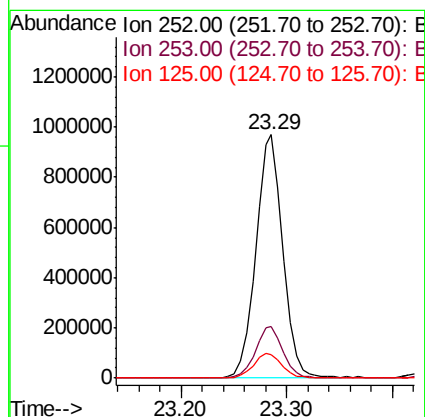
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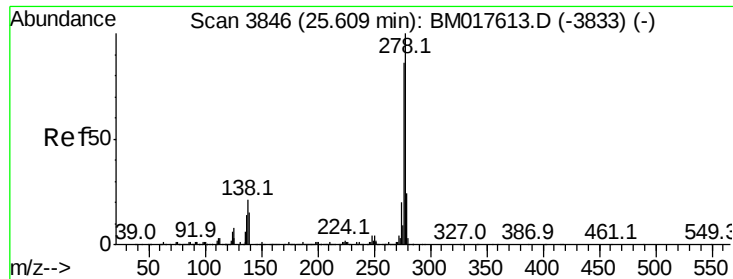
mohammad
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#90
Benzo(a)pyrene
Concen: 39.194 ng
RT: 23.29 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BM017816.D
Acq: 30 Nov 2018 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	9.9	8.2	12.2





#91

Dibenzo(a,h)anthracene

Concen: 48.443 ng

RT: 25.56 min Scan# 3838

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Instrument :

BNA_M

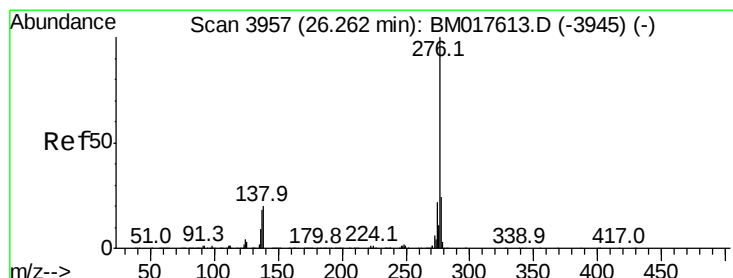
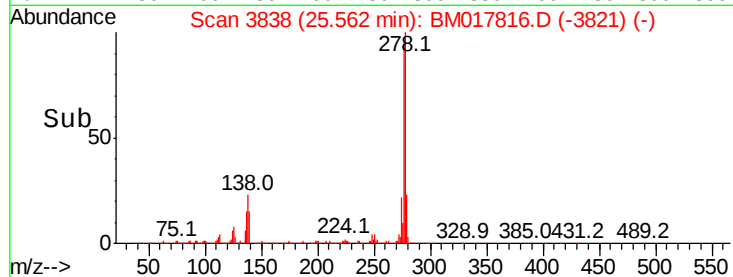
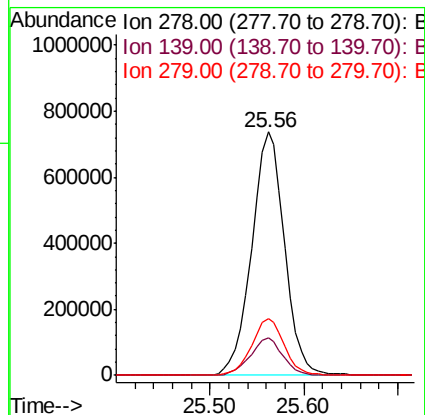
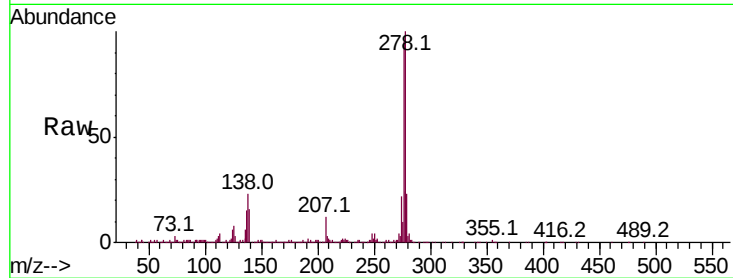
ClientSampleId :

SSTDCCC040

Tot Ion:	278	Resp:	1779510
Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.8	17.6
279	23.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/3/2018 3:34:22 PM



#92

Benzo(g,h,i)perylene

Concen: 50.178 ng

RT: 26.21 min Scan# 3949

Delta R.T. 0.00 min

Lab File: BM017816.D

Acq: 30 Nov 2018 10:04

Tgt Ion:	276	Resp:	1733342
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	20.2	15.9	23.9

