

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021060.D
 Acq On : 20 Jun 2019 11:24
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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mohammad
 6/21/2019 10:01:44 PM

Quant Time: Jun 20 12:51:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	250217	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1101889	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	690220	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1533424	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1400394	20.00	ng	0.00
87) Perylene-d12	23.63	264	1494480	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1145666	80.54	ng	0.00
7) Phenol-d6	6.95	99	1644810	78.53	ng	0.00
23) Nitrobenzene-d5	8.95	82	1715825	80.68	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1018214	119.06	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4714610	90.81	ng	0.00
79) Terphenyl-d14	19.79	244	6138190	73.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	219750	37.733	ng	100
3) Pyridine	3.72	79	595549	32.141	ng	100
4) n-Nitrosodimethylamine	3.63	42	237514	29.736	ng	100
6) Aniline	7.12	93	1101453	36.344	ng	100
8) 2-Chlorophenol	7.35	128	698810	39.490	ng	100
9) Benzaldehyde	6.93	77	427431	36.048	ng	100
10) Phenol	6.98	94	837429	37.101	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	662490	36.829	ng	100
12) 1,3-Dichlorobenzene	7.67	146	850796	41.834	ng	100
13) 1,4-Dichlorobenzene	7.82	146	858551	41.526	ng	100
14) 1,2-Dichlorobenzene	8.13	146	839011	41.699	ng	100
15) Benzyl Alcohol	8.03	79	663566	35.812	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.31	45	864556	31.130	ng	100
17) 2-Methylphenol	8.22	107	597663	37.655	ng	100
18) Hexachloroethane	8.85	117	313075	39.551	ng	100
19) n-Nitroso-di-n-propylamine	8.59	70	598214	35.531	ng	100
20) 3+4-Methylphenols	8.55	107	823149	38.118	ng	100
22) Acetophenone	8.61	105	1139214	40.698	ng	100
24) Nitrobenzene	8.99	77	858281	39.532	ng	100
25) Isophorone	9.51	82	1613640	38.144	ng	100
26) 2-Nitrophenol	9.69	139	424616	52.477	ng	100
27) 2,4-Dimethylphenol	9.75	122	613390	40.455	ng	100
28) bis(2-Chloroethoxy)methane	9.99	93	1009200	39.455	ng	100
29) 2,4-Dichlorophenol	10.22	162	787416	46.939	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	932368	48.337	ng	100
31) Naphthalene	10.62	128	2372445	41.869	ng	100
32) Benzoic acid	9.90	122	489020m	57.604	ng	100
33) 4-Chloroaniline	10.74	127	1072358	40.665	ng	100
34) Hexachlorobutadiene	10.89	225	592510	51.195	ng	100
35) Caprolactam	11.55	113	227031m	38.957	ng	100
36) 4-Chloro-3-methylphenol	11.86	107	788809	40.444	ng	100
37) 2-Methylnaphthalene	12.23	142	1814178	43.195	ng	100
38) 1-Methylnaphthalene	12.46	142	1730352	43.268	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1095765	48.444	ng	100

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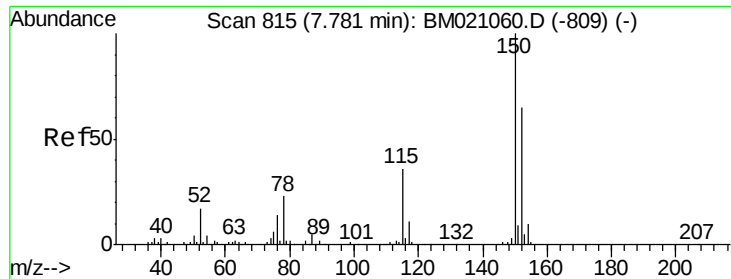
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	675151	49.908	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	720997	49.521	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	738768	49.149	ng	100
46) 1,1'-Biphenyl	13.25	154	2467407	42.804	ng	100
47) 2-Chloronaphthalene	13.29	162	1995072	42.882	ng	100
48) 2-Nitroaniline	13.51	65	536187	36.719	ng	100
49) Acenaphthylene	14.15	152	3008259	41.440	ng	100
50) Dimethylphthalate	13.89	163	2455462	41.640	ng	100
51) 2,6-Dinitrotoluene	14.01	165	528354	44.126	ng	100
52) Acenaphthene	14.49	154	1812112	41.888	ng	100
53) 3-Nitroaniline	14.34	138	527077	39.438	ng	100
54) 2,4-Dinitrophenol	14.55	184	293172	69.321	ng	100
55) Dibenzofuran	14.82	168	2915376	43.390	ng	100
56) 4-Nitrophenol	14.65	139	397218	40.333	ng	100
57) 2,4-Dinitrotoluene	14.80	165	709927	44.281	ng	100
58) Fluorene	15.47	166	2363875	42.782	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	685317	52.323	ng	100
60) Diethylphthalate	15.25	149	2385655	39.226	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1337234	45.709	ng	100
62) 4-Nitroaniline	15.51	138	553645	39.061	ng	100
63) Azobenzene	15.76	77	1989450	34.121	ng	100
65) 4,6-Dinitro-2-methylphenol	15.56	198	379012	59.811	ng	100
66) n-Nitrosodiphenylamine	15.69	169	2027359	41.300	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	850020	47.081	ng	100
68) Hexachlorobenzene	16.47	284	1020119	48.387	ng	100
69) Atrazine	16.64	200	695512	47.473	ng	100
70) Pentachlorophenol	16.82	266	541075	53.797	ng	100
71) Phenanthrene	17.21	178	3622437	41.676	ng	100
72) Anthracene	17.30	178	3604561	41.434	ng	100
73) Carbazole	17.58	167	3117774	39.493	ng	100
74) Di-n-butylphthalate	18.13	149	3889623	37.955	ng	100
75) Fluoranthene	19.23	202	4126216	42.687	ng	100
77) Benzidine	19.42	184	1680927	39.613	ng	100
78) Pyrene	19.59	202	4203798	39.118	ng	100
80) Butylbenzylphthalate	20.49	149	1654279	36.426	ng	100
81) Benzo(a)anthracene	21.34	228	4018499	41.206	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1554562	43.531	ng	100
83) Chrysene	21.39	228	3840625	41.430	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2423521	36.717	ng	100
85) Di-n-octyl phthalate	22.15	149	3992607	38.101	ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	4596818	48.471	ng	100
88) Benzo(b)fluoranthene	22.94	252	4061808	41.121	ng	100
89) Benzo(k)fluoranthene	22.99	252	3882556	40.222	ng	100
90) Benzo(a)pyrene	23.53	252	3685041	41.130	ng	100
91) Dibenzo(a,h)anthracene	25.94	278	3827177	44.030	ng	100
92) Benzo(g,h,i)perylene	26.64	276	3593539	44.509	ng	100

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



#1

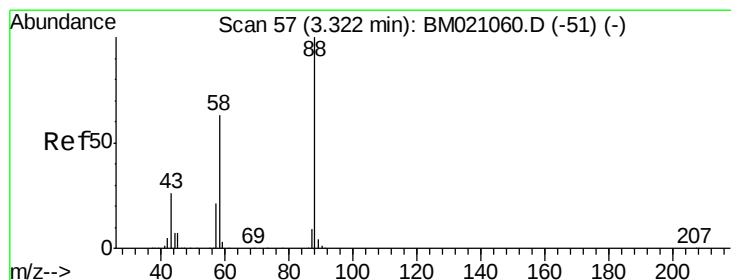
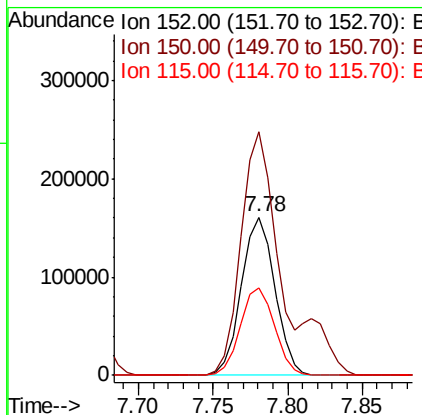
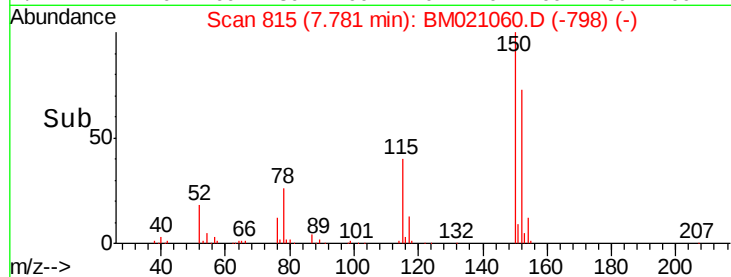
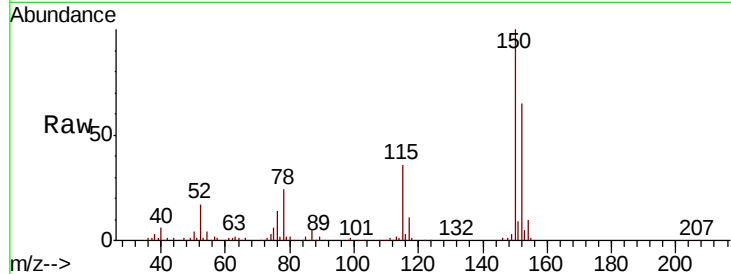
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.1	184.7
115	55.3	44.2	66.4

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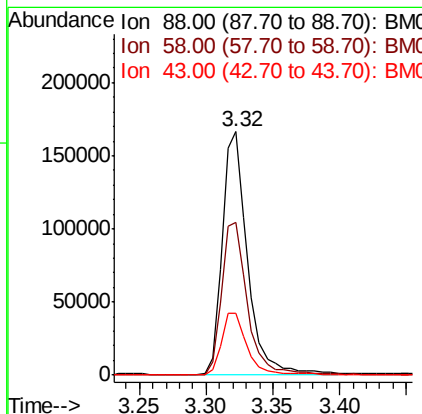
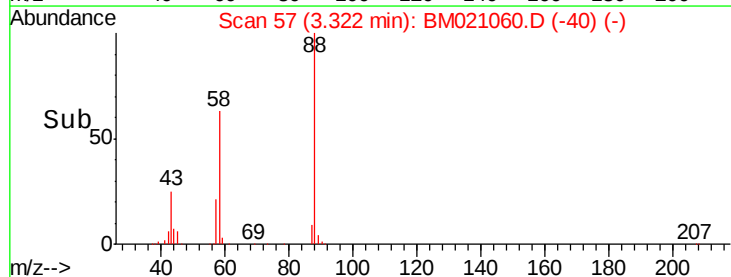
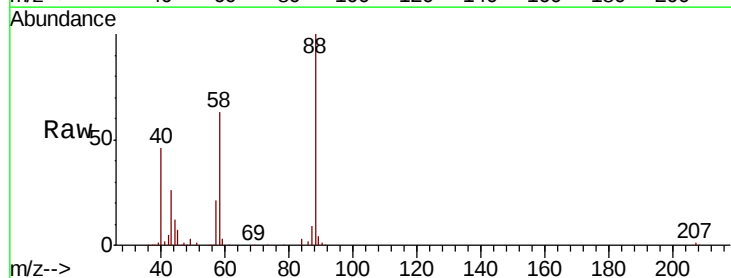
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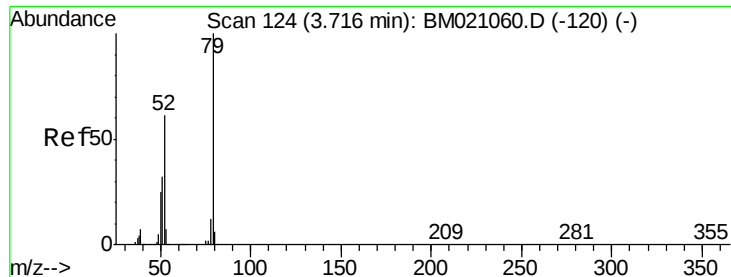


#2

1,4-Dioxane
Concen: 37.733 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.9	77.9
43	26.8	21.4	32.2





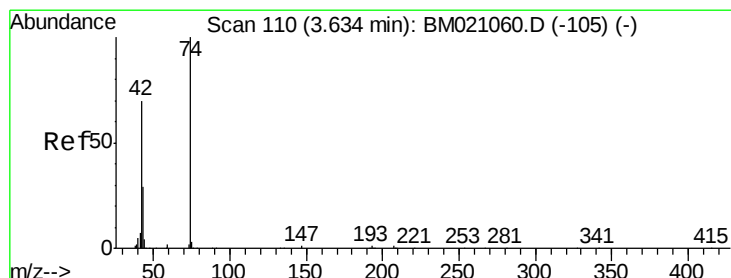
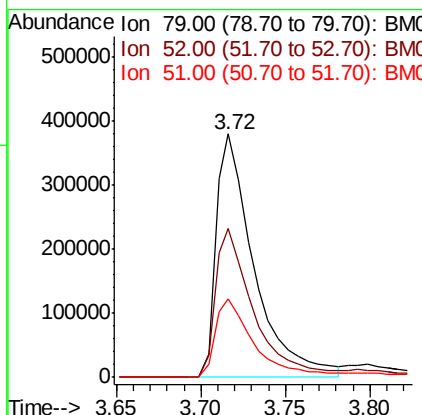
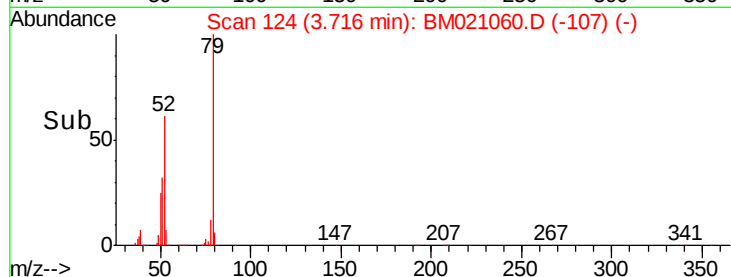
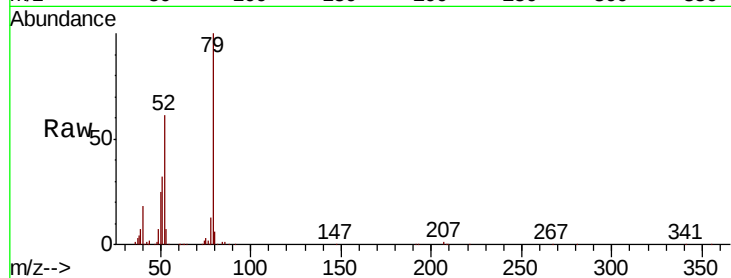
#3
Pvridine
Concen: 32.141 ng
RT: 3.72 min Scan# 124
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.0	48.8	73.2
51	32.1	25.7	38.5

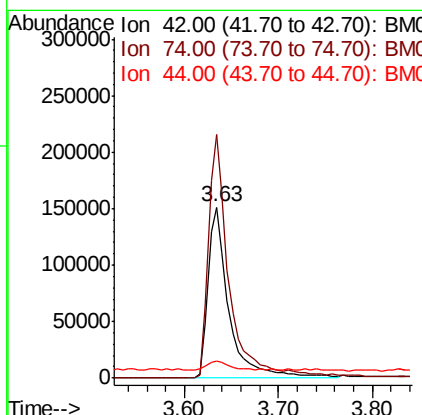
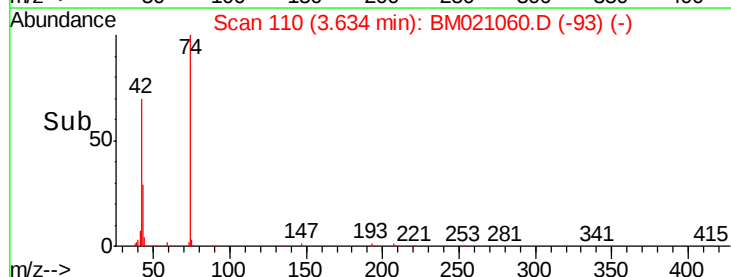
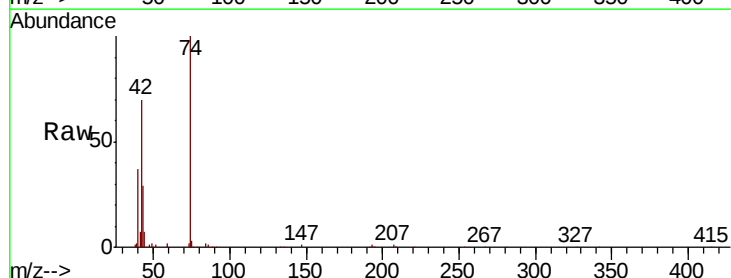
Manual Integrations
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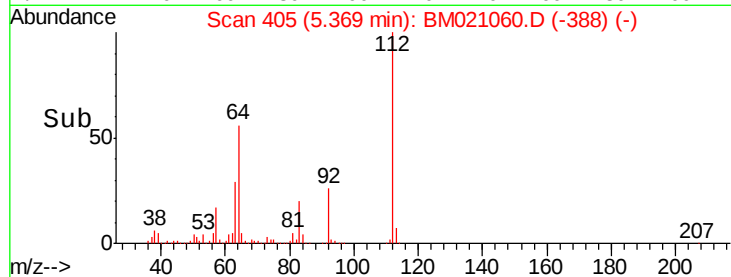
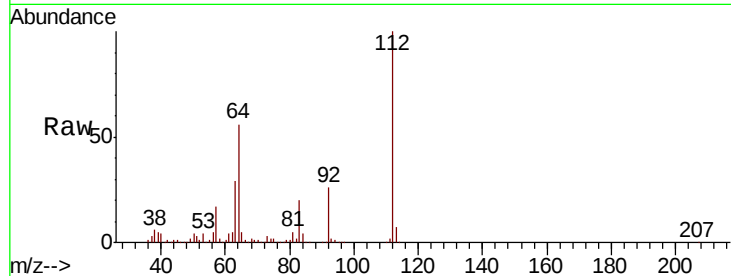
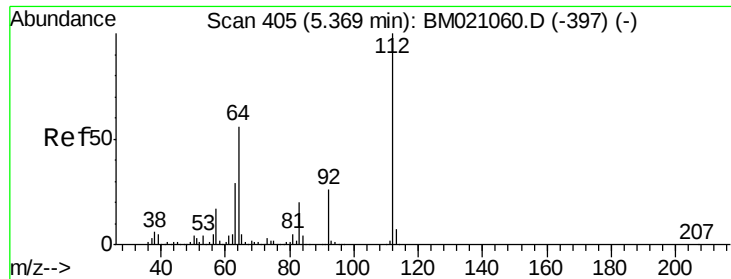
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#4
n-Nitrosodimethylamine
Concen: 29.736 ng
RT: 3.63 min Scan# 110
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.2	113.8	170.6
44	10.2	8.2	12.2





#5

2-Fluorophenol

Concen: 80.542 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tot Ion:	112	Resp:	1145666
Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.2	67.8
63	29.4	23.5	35.3

Instrument :

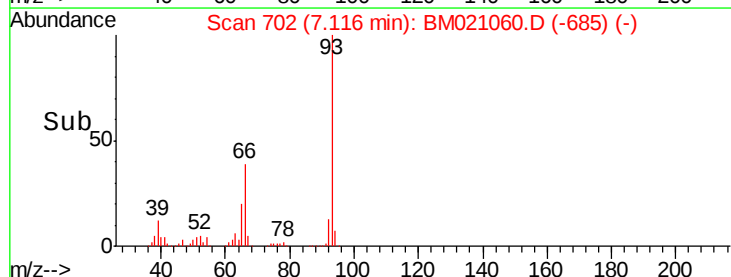
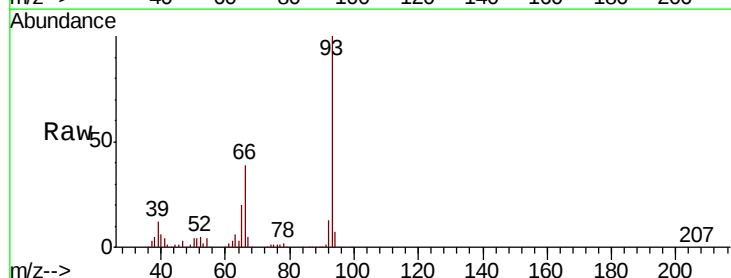
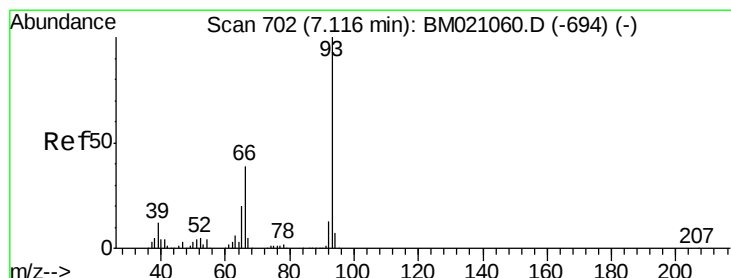
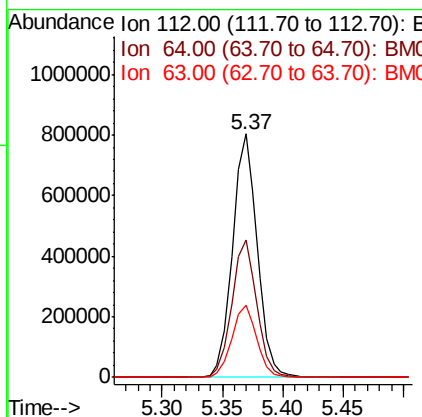
BNA_M

ClientSampleId :

SSTDICCC040

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#6

Aniline

Concen: 36.344 ng

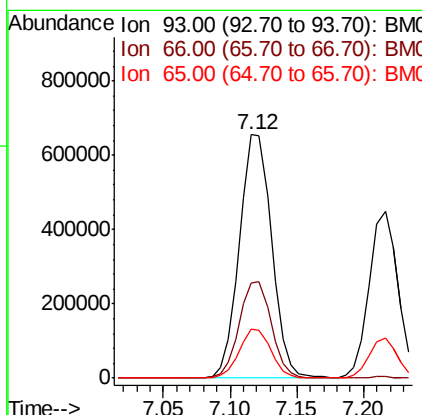
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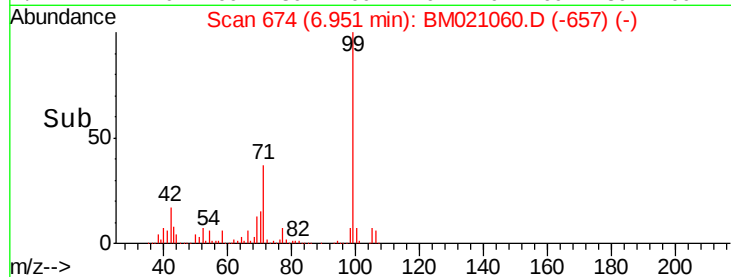
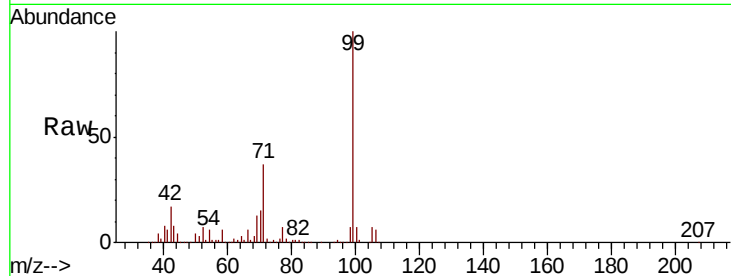
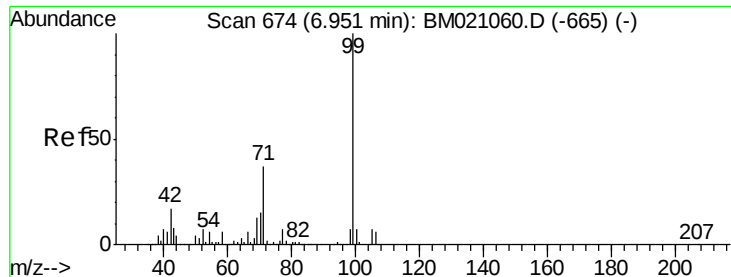
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:	93	Resp:	1101453
Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.3	46.9
65	19.9	15.9	23.9





#7

Phenol-d6

Concen: 78.530 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tot Ion:	99	Resp:	1644810
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	36.6	29.3	43.9

Instrument :

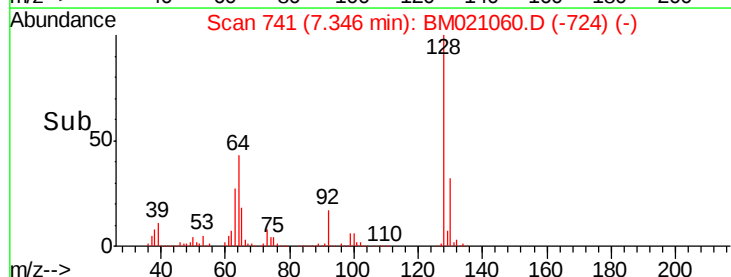
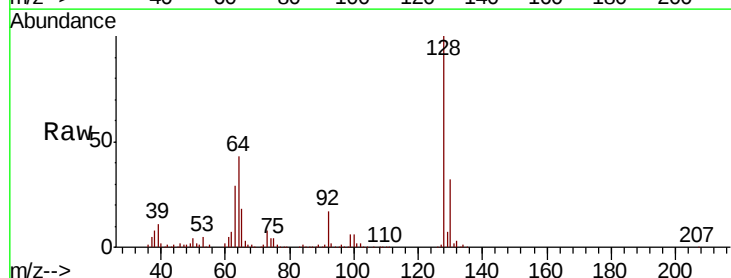
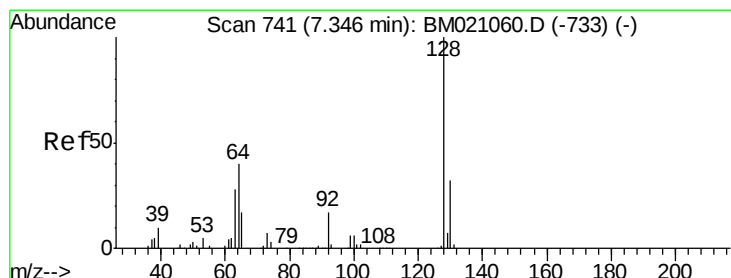
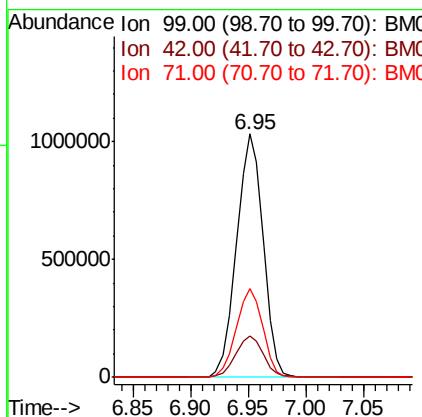
BNA_M

ClientSampled :

SSTDICCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.490 ng

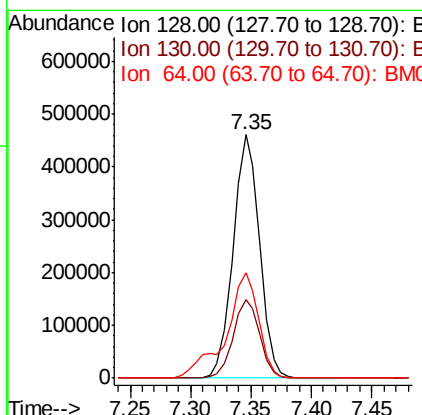
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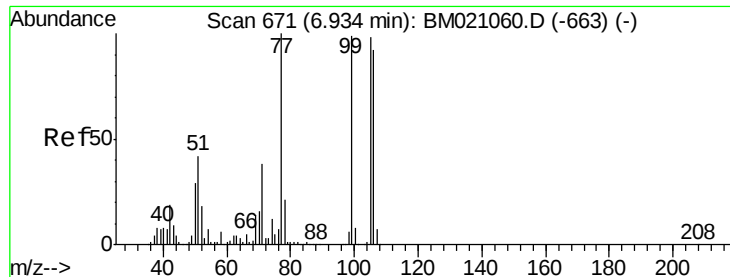
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:	128	Resp:	698810
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	43.2	23.2	63.2





#9

Benzaldehyde

Concen: 36.048 ng

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

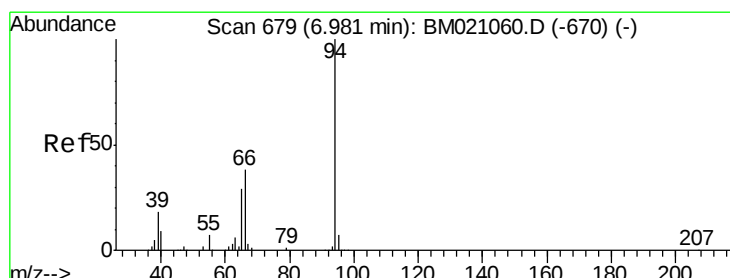
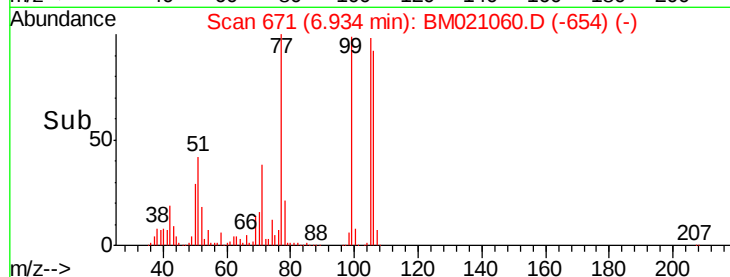
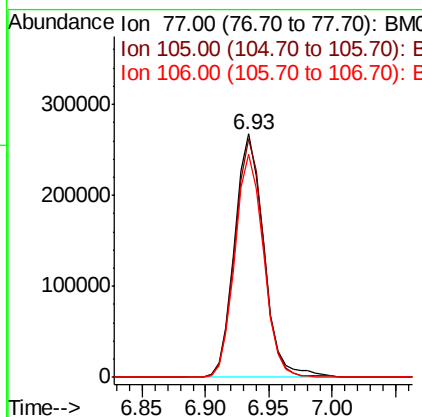
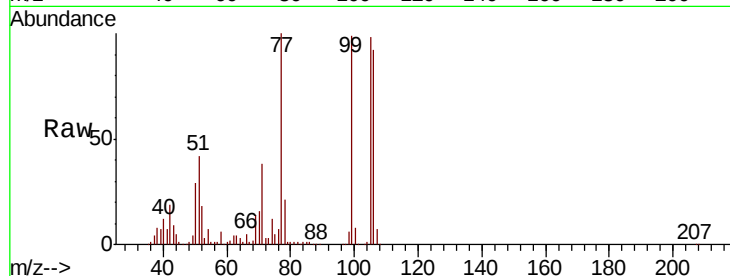
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	427431
Ion	Ratio	Lower	Upper
77	100		
105	97.8	77.8	117.8
106	91.8	71.8	111.8

Manual Integrations
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#10

Phenol

Concen: 37.101 ng

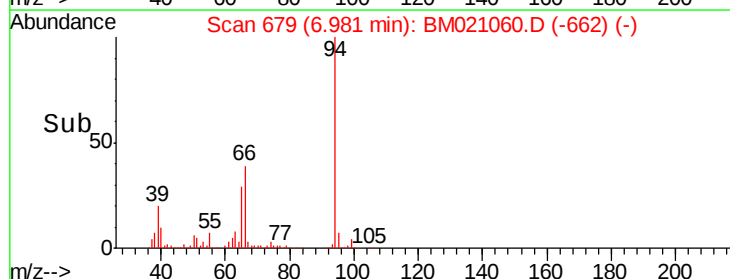
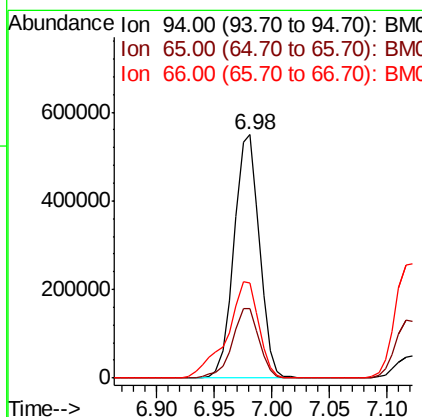
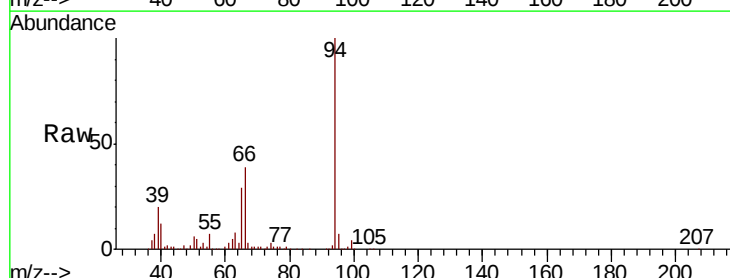
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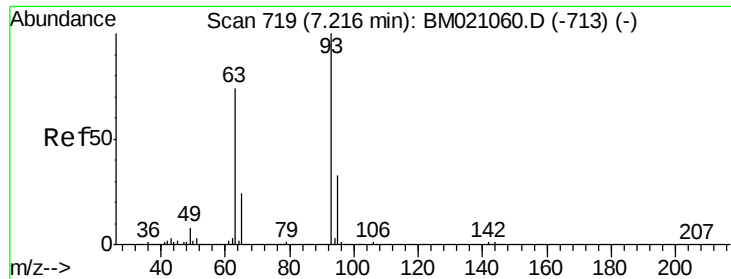
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:	94	Resp:	837429
Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.7	48.7
66	39.0	19.0	59.0





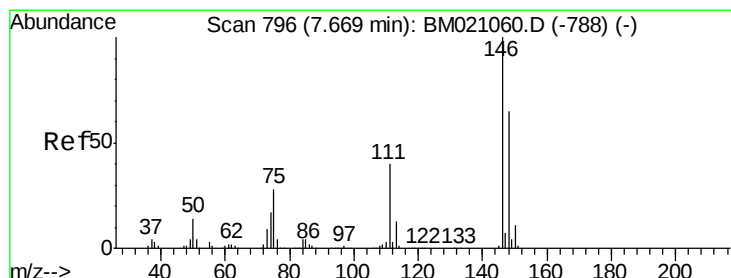
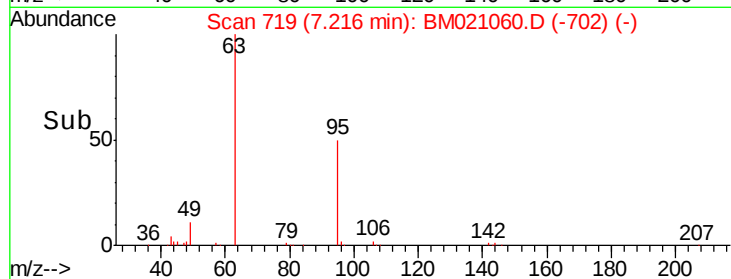
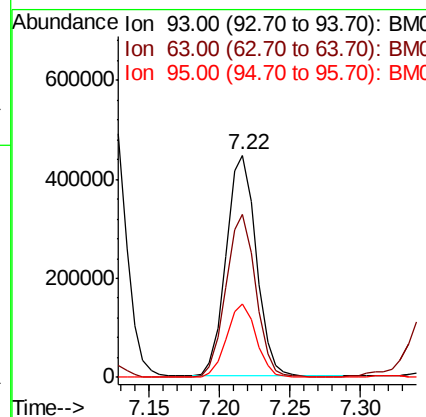
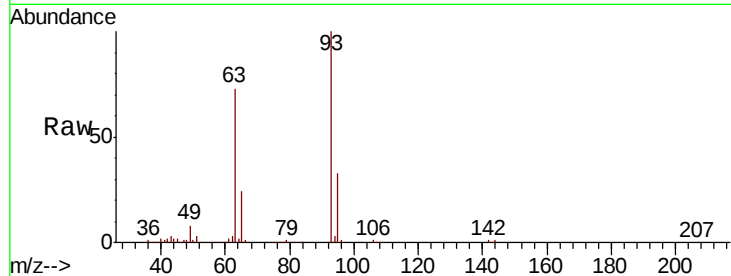
#11
bis(2-Chloroethyl)ether
Concen: 36.829 ng
RT: 7.22 min Scan# 719
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	53.4	93.4
95	33.0	13.0	53.0

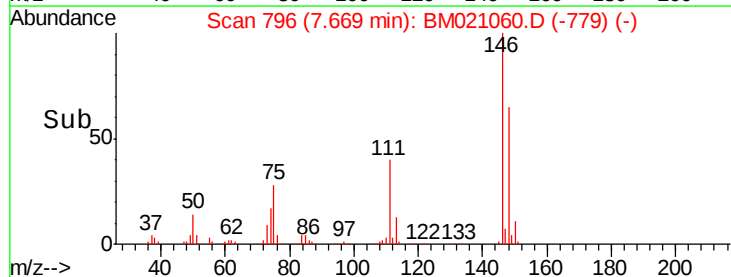
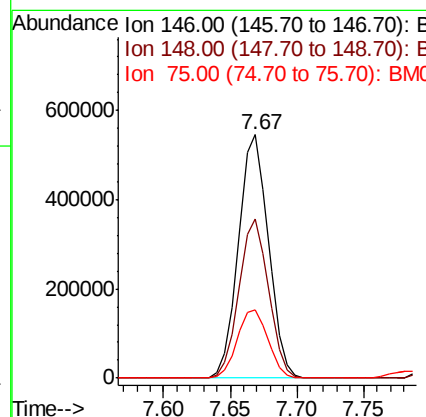
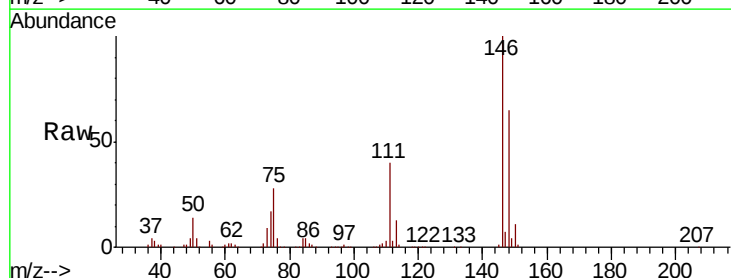
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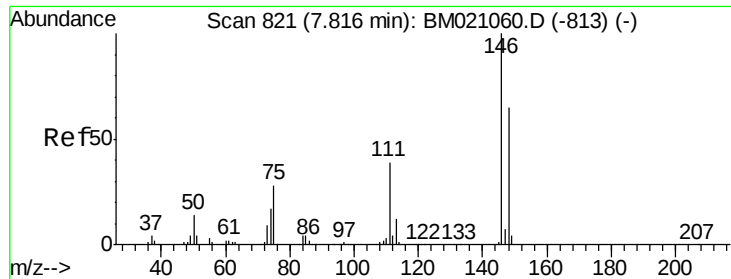
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#12
1,3-Dichlorobenzene
Concen: 41.834 ng
RT: 7.67 min Scan# 796
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
75	27.8	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 41.526 ng

RT: 7.82 min Scan# 821

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

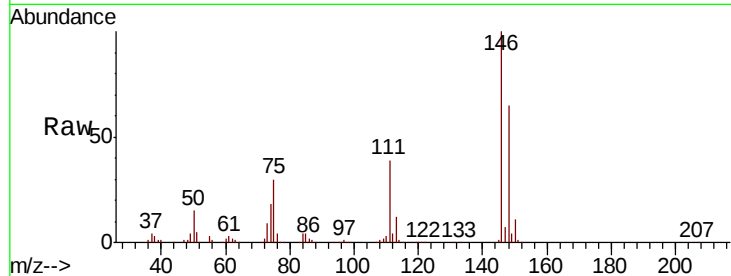
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	858551
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.9	77.9
111	39.2	31.4	47.0

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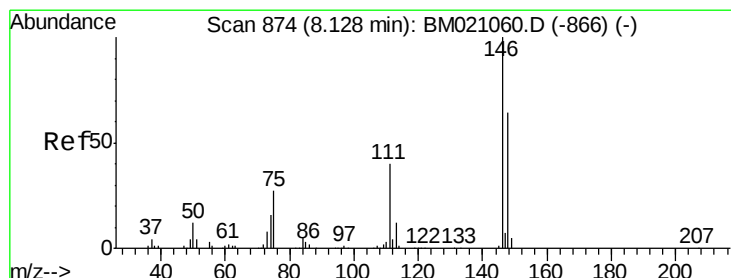
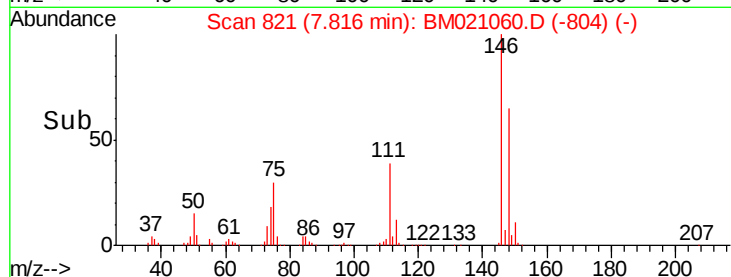
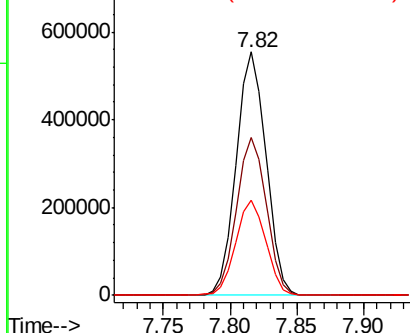


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.699 ng

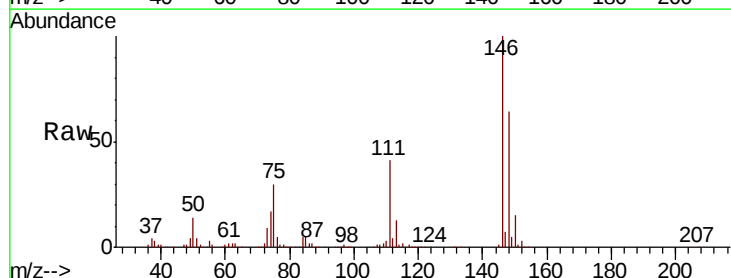
RT: 8.13 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:	146	Resp:	839011
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.2	76.8
111	41.0	32.8	49.2

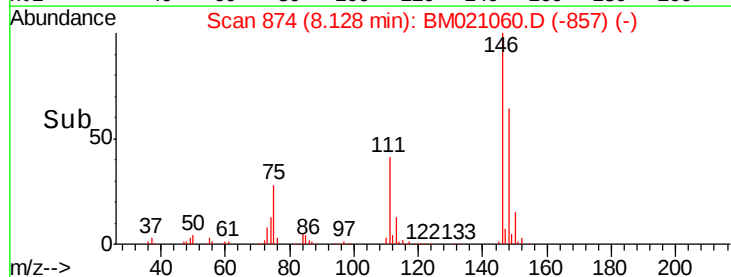
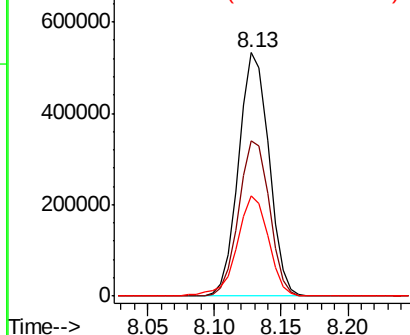


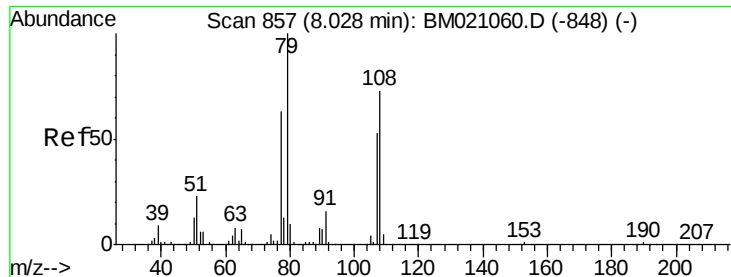
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.812 ng

RT: 8.03 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

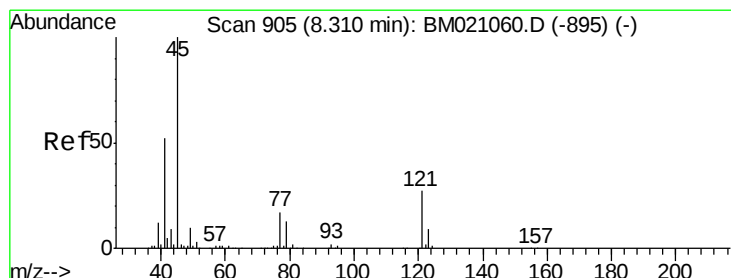
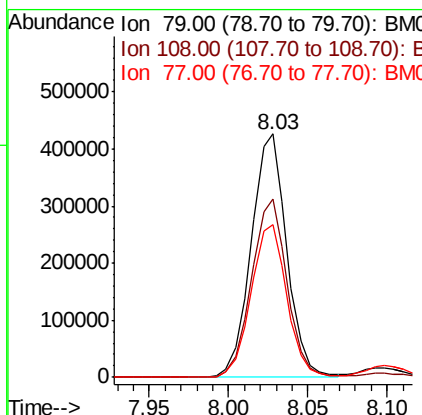
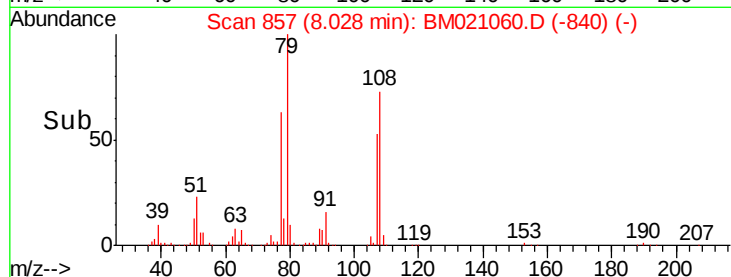
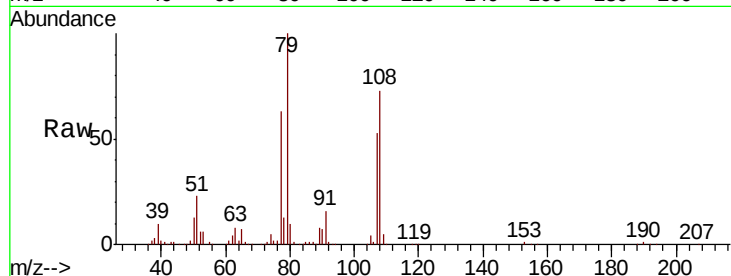
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	663566
Ion	Ratio	Lower	Upper
79	100		
108	73.0	58.4	87.6
77	62.6	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.130 ng

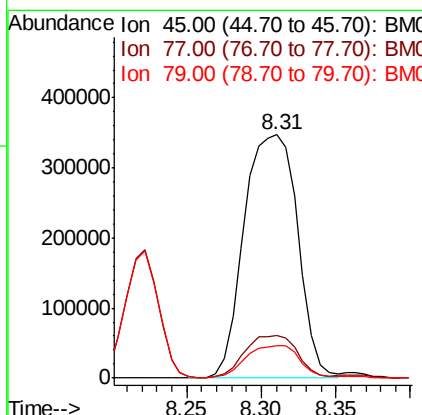
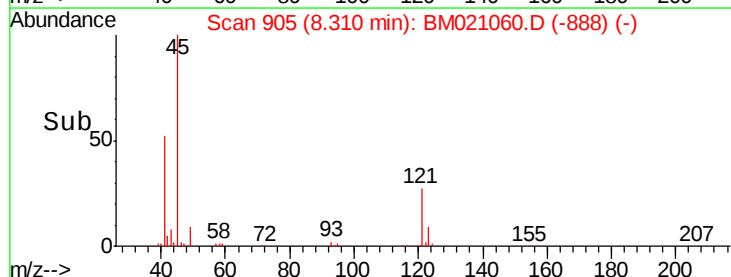
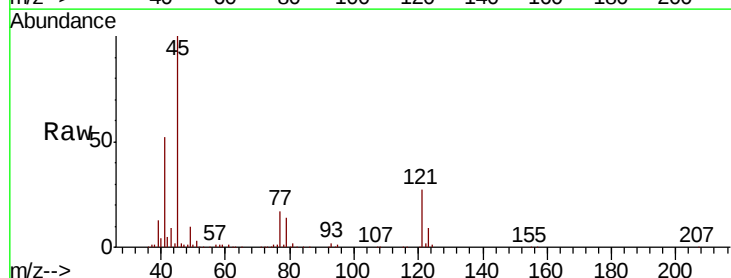
RT: 8.31 min Scan# 905

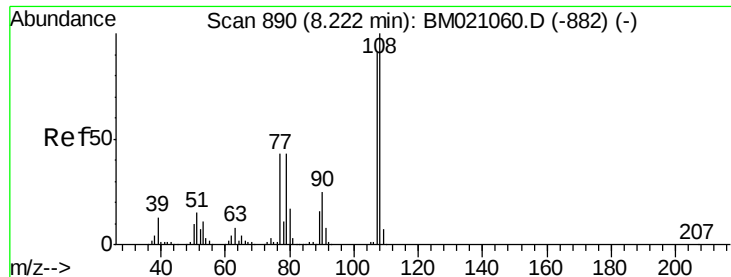
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:	45	Resp:	864556
Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.5
79	13.5	0.0	33.5





#17

2-Methylphenol

Concen: 37.655 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

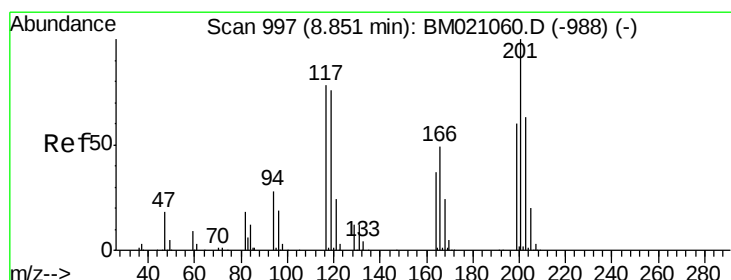
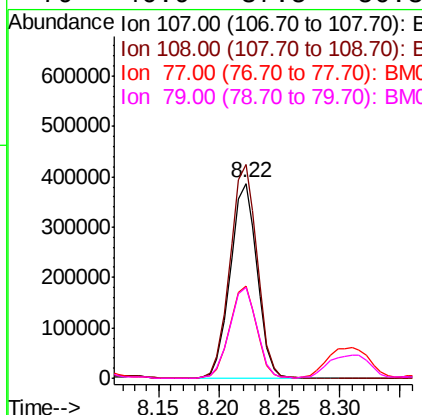
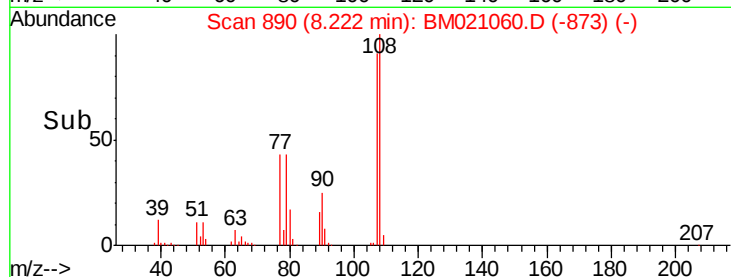
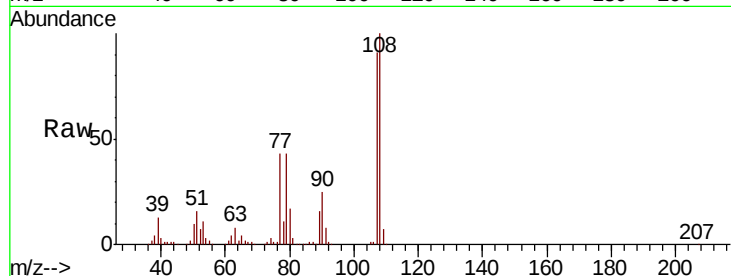
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.5	131.3	
77	47.3	37.8	56.8	
79	46.9	37.5	56.3	

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#18

Hexachloroethane

Concen: 39.551 ng

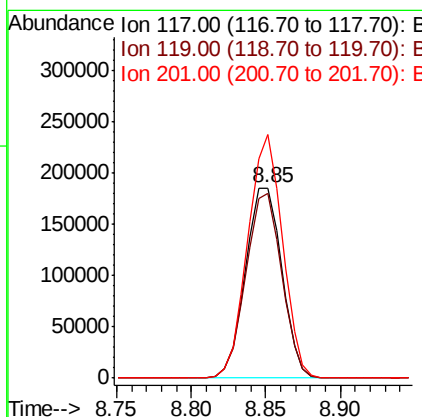
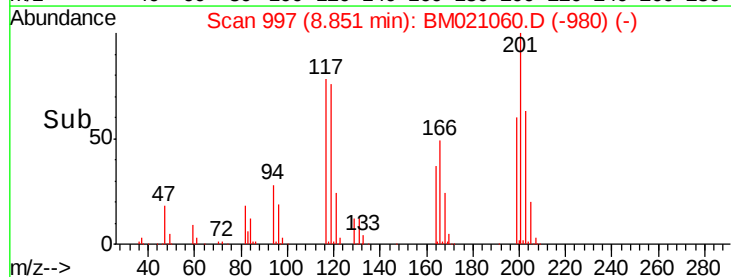
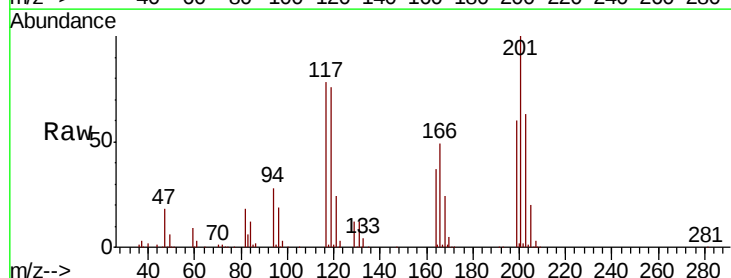
RT: 8.85 min Scan# 997

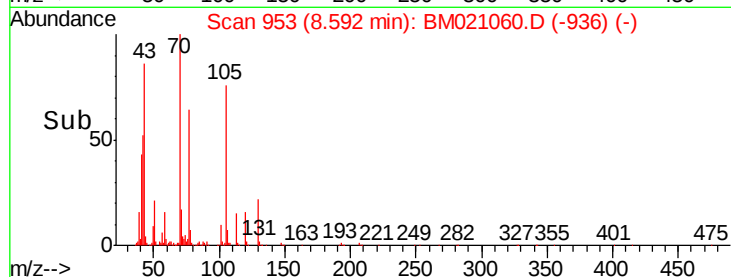
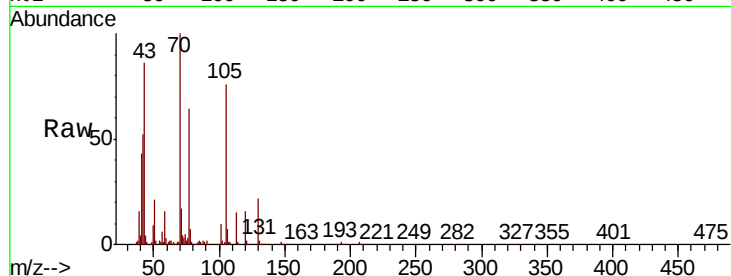
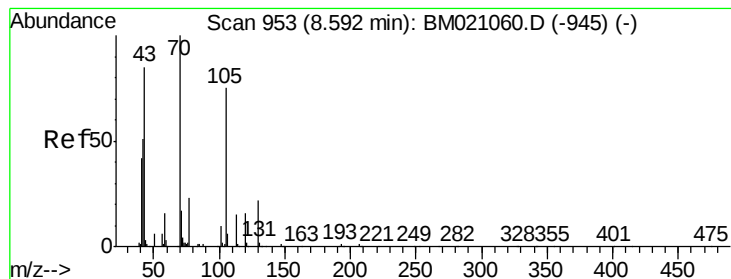
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.5	116.3	
201	127.9	102.3	153.5	





#19

n-Nitroso-di-n-propylamine

Concen: 35.531 ng

RT: 8.59 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 598214

Ion Ratio Lower Upper

70 100

42 52.4 41.9 62.9

101 10.1 8.1 12.1

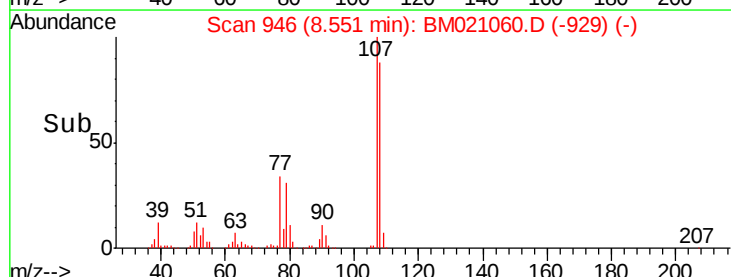
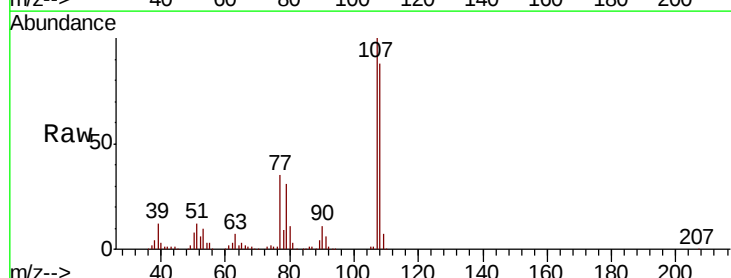
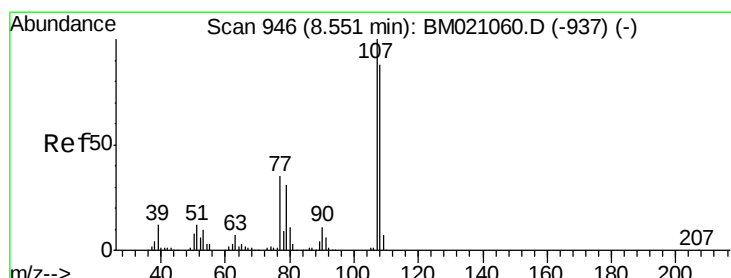
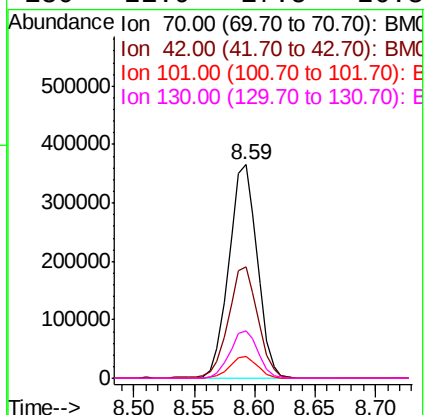
130 21.9 17.5 26.3

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#20

3+4-Methylphenols

Concen: 38.118 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion: 107 Resp: 823149

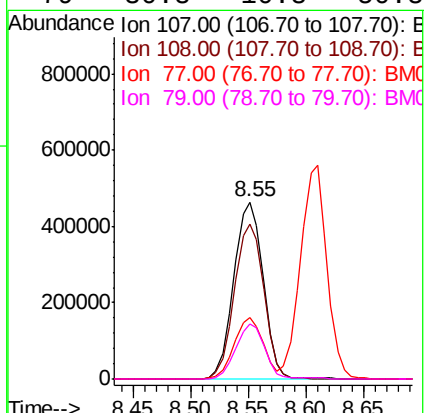
Ion Ratio Lower Upper

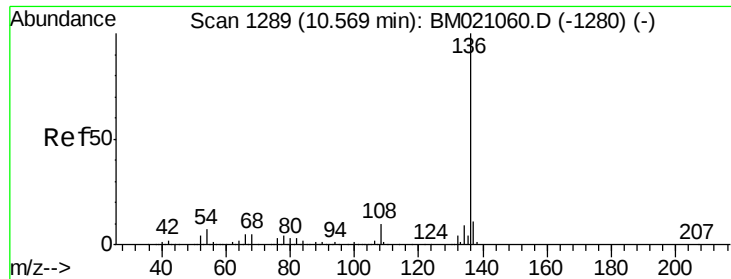
107 100

108 87.9 67.9 107.9

77 34.6 14.6 54.6

79 30.8 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 1101889

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

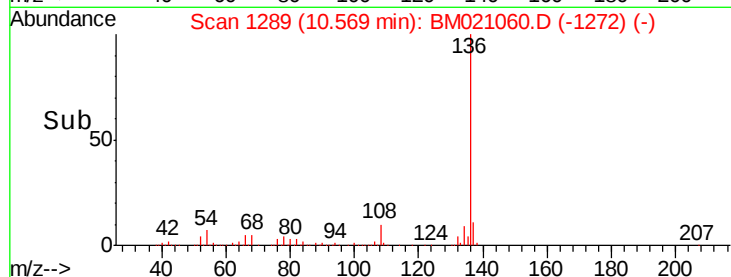
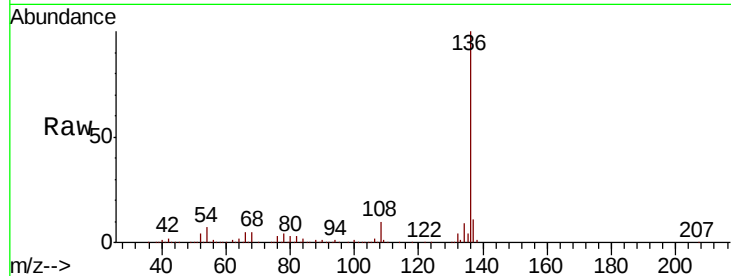
54 6.6 5.3 7.9

68 5.5 4.4 6.6

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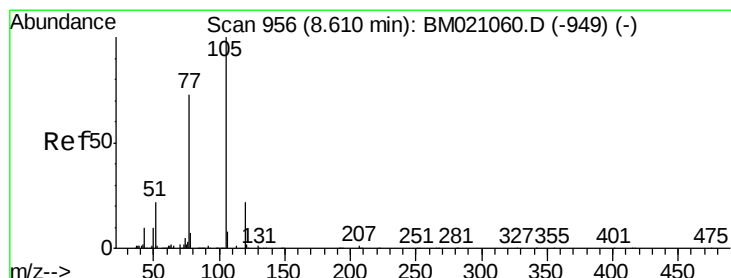
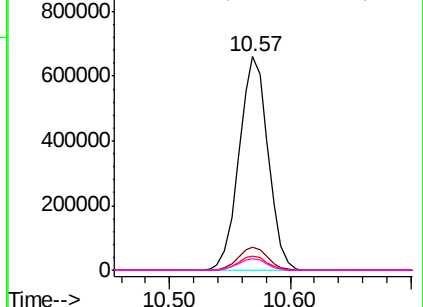


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.698 ng

RT: 8.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:105 Resp: 1139214

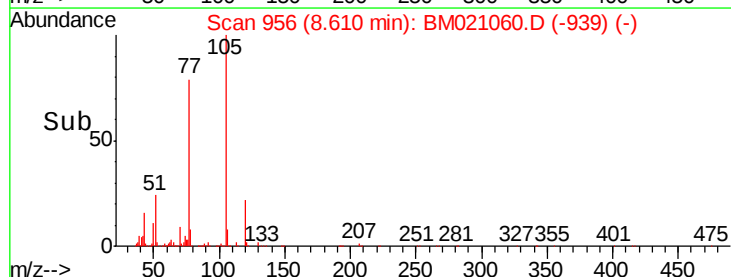
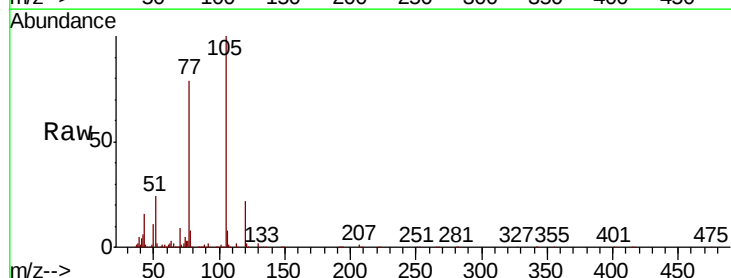
Ion Ratio Lower Upper

105 100

71 1.5 1.2 1.8

51 23.9 19.1 28.7

120 22.4 17.9 26.9

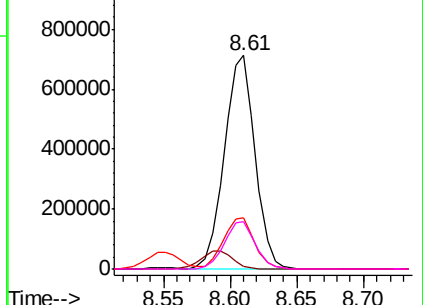


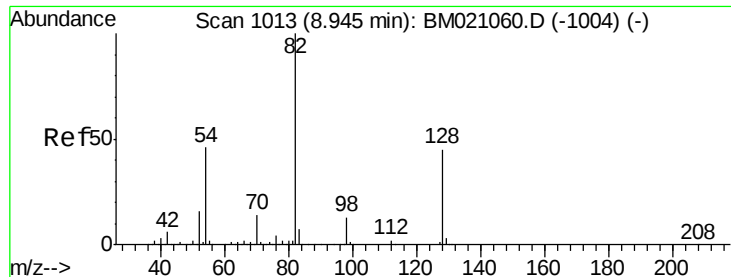
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





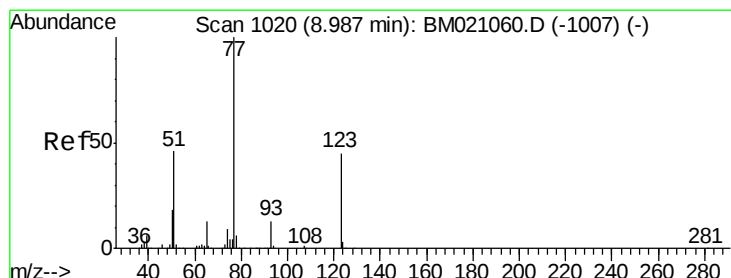
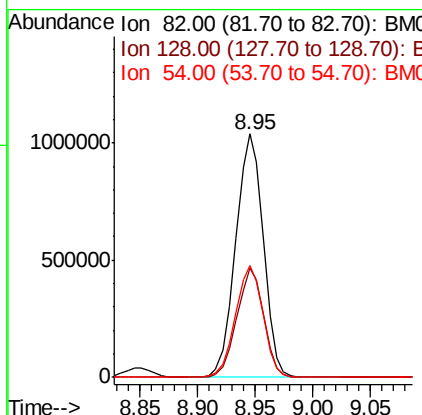
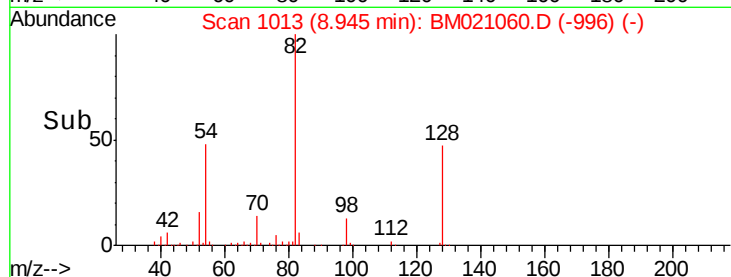
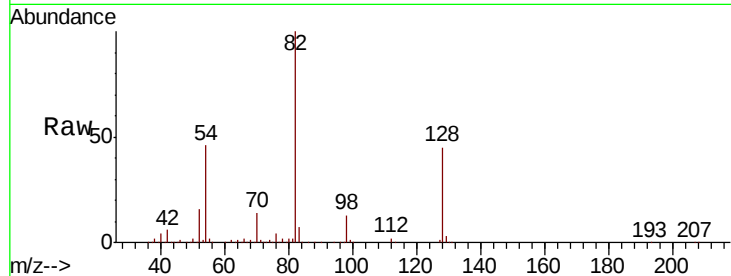
#23
Nitrobenzene-d5
Concen: 80.680 ng
RT: 8.95 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	45.8	36.6	55.0

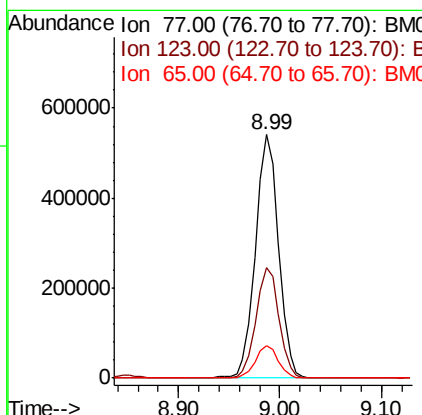
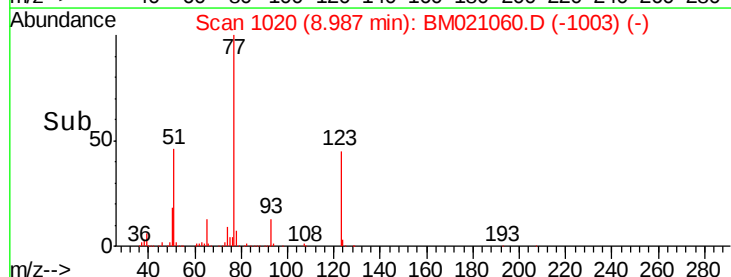
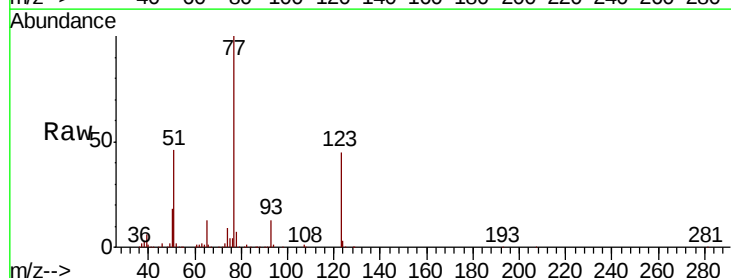
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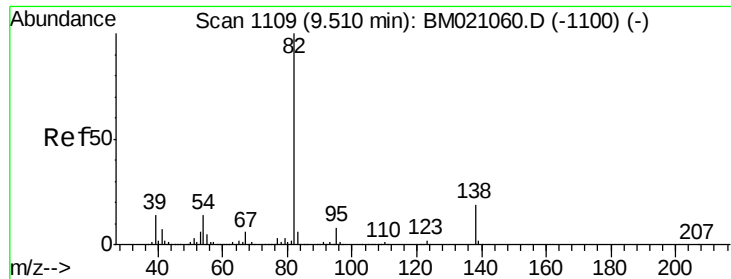
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#24
Nitrobenzene
Concen: 39.532 ng
RT: 8.99 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	36.3	54.5
65	13.3	10.6	16.0





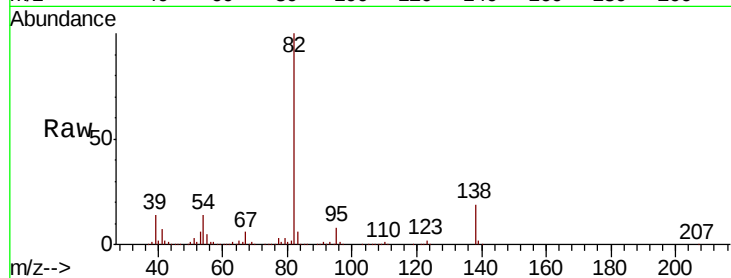
#25
Isophorone
Concen: 38.144 ng
RT: 9.51 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

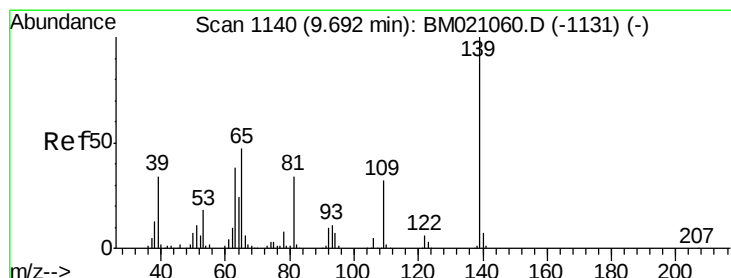
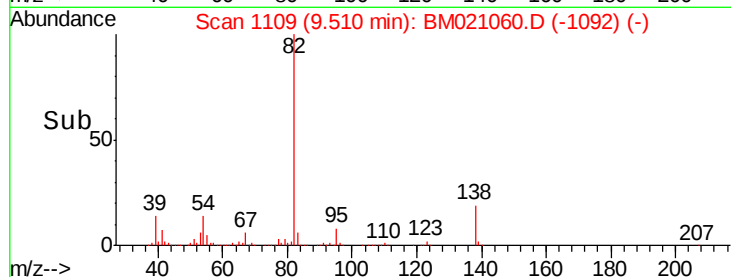
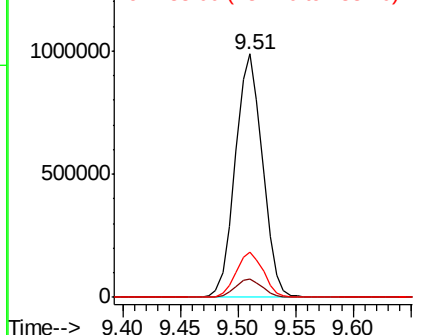
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	18.8	15.0	22.6

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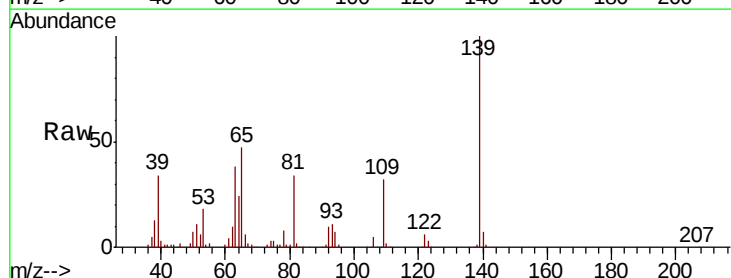


Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1100) (-)
Ion 95.00 (94.70 to 95.70): BM021060.D (-1100) (-)
Ion 138.00 (137.70 to 138.70): BM021060.D (-1100) (-)

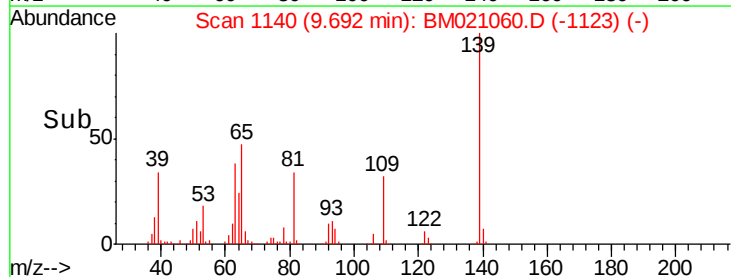
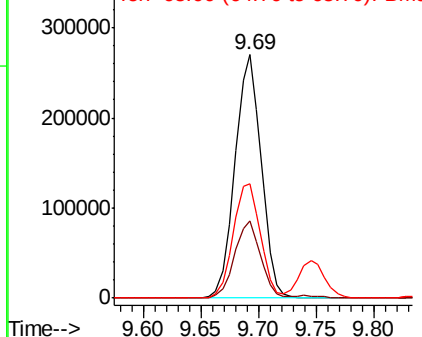


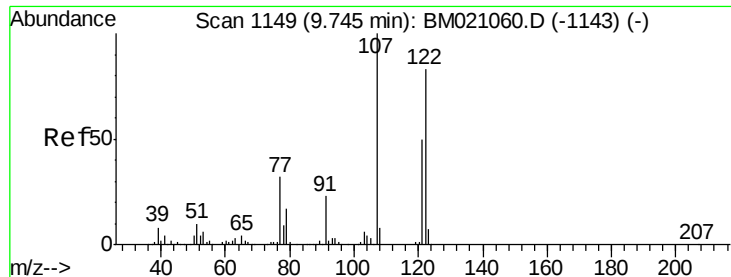
#26
2-Nitrophenol
Concen: 52.477 ng
RT: 9.69 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.5	25.2	37.8
65	46.7	37.4	56.0



Abundance Ion 139.00 (138.70 to 139.70): BM021060.D (-1131) (-)
Ion 109.00 (108.70 to 109.70): BM021060.D (-1131) (-)
Ion 65.00 (64.70 to 65.70): BM021060.D (-1131) (-)





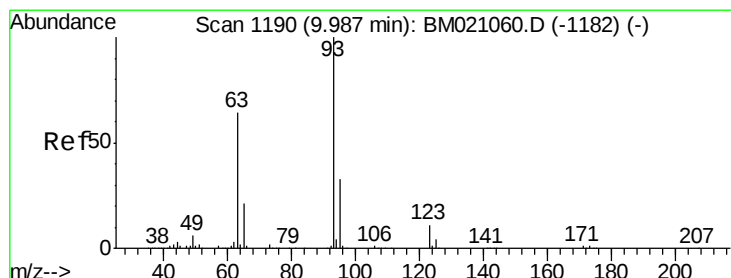
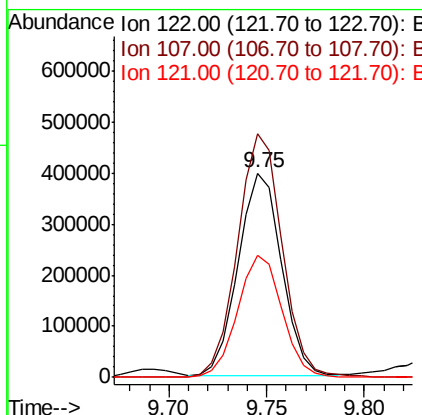
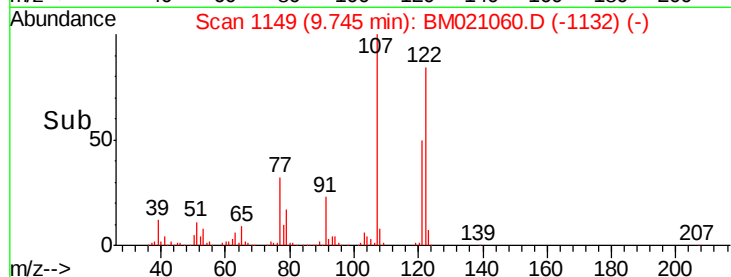
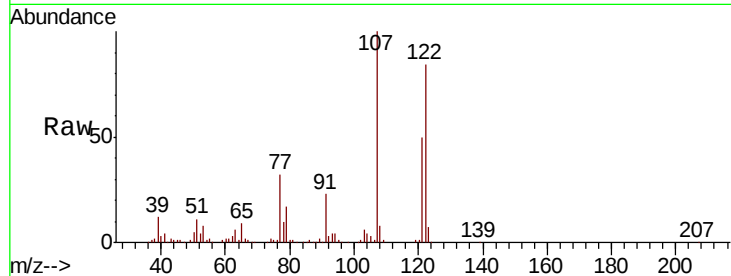
#27
2,4-Dimethylphenol
Concen: 40.455 ng
RT: 9.75 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	95.3	142.9
121	59.4	47.5	71.3

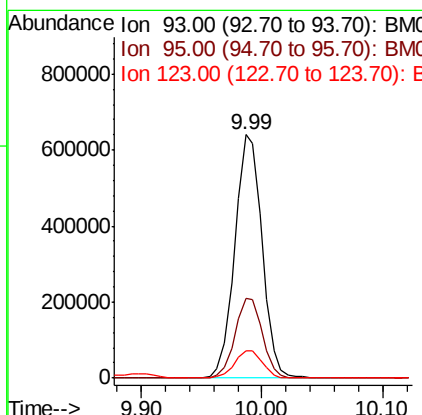
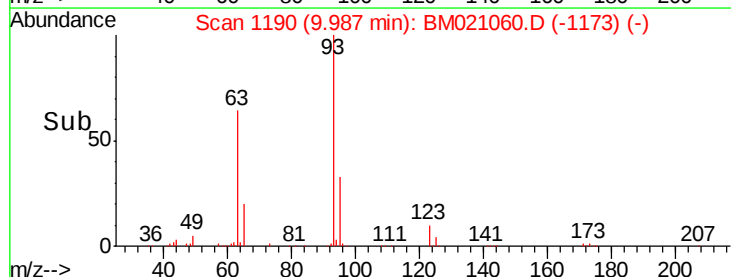
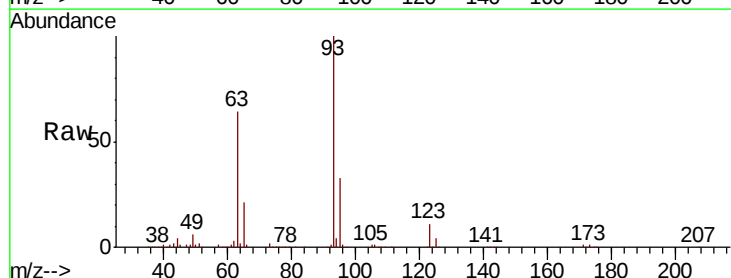
Manual Integrations
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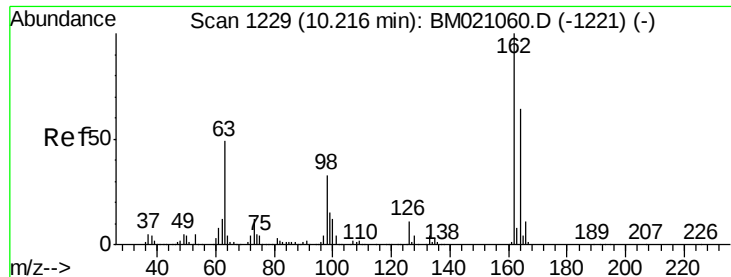
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.455 ng
RT: 9.99 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.2	9.0	13.4





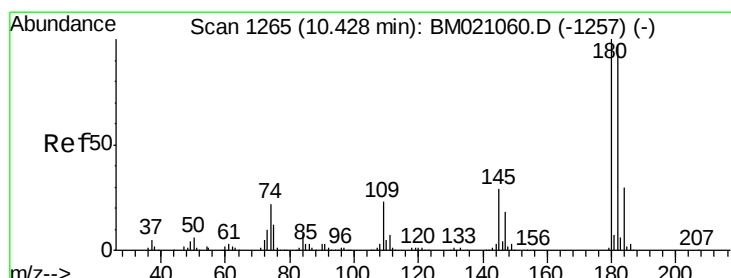
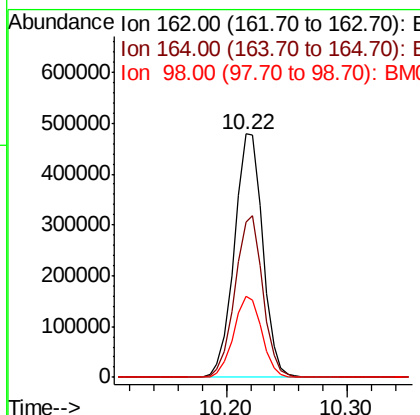
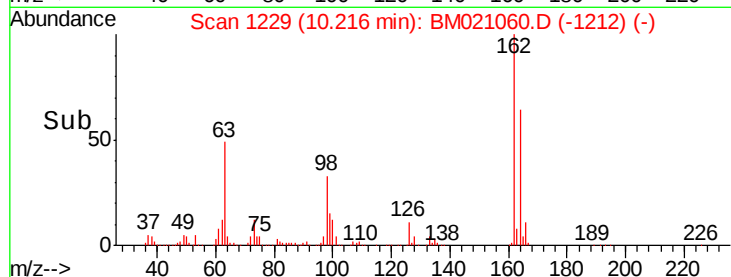
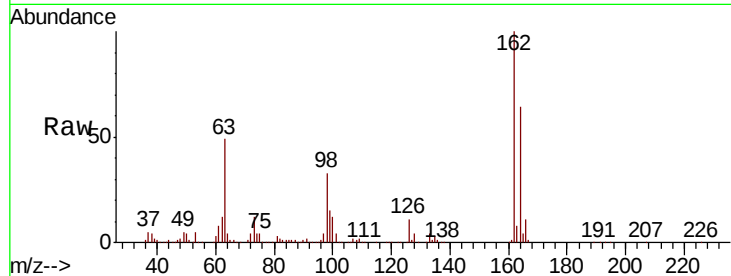
#29
2,4-Dichlorophenol
Concen: 46.939 ng
RT: 10.22 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	33.4	13.4	53.4

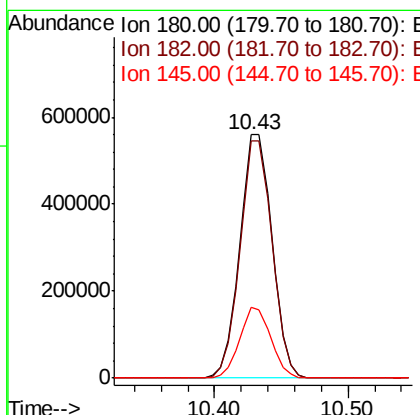
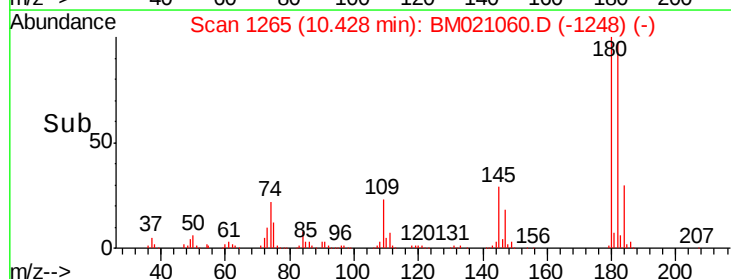
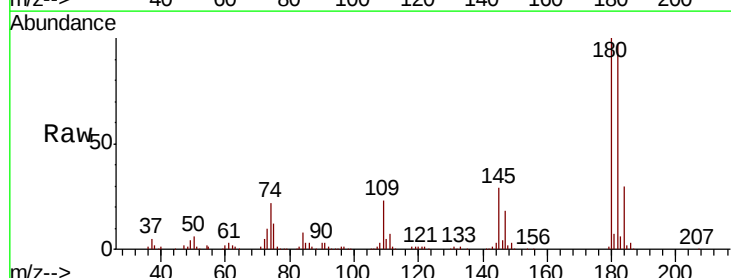
Manual Integrations
APPROVED

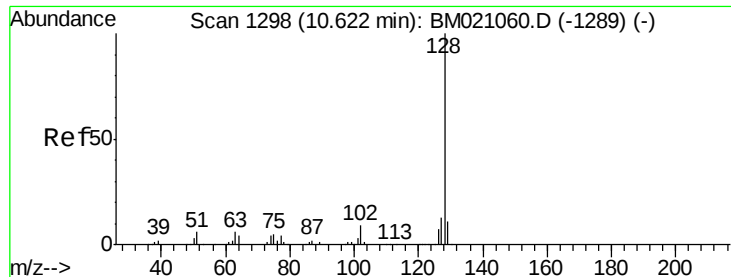
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 48.337 ng
RT: 10.43 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	29.2	23.4	35.0





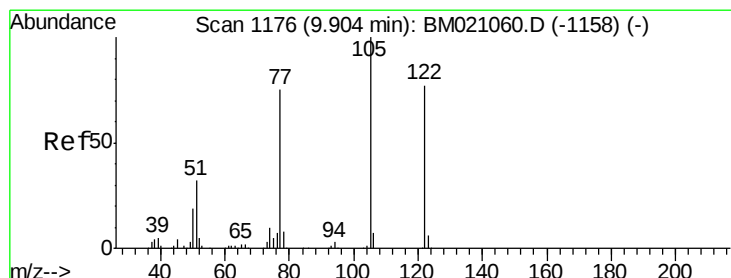
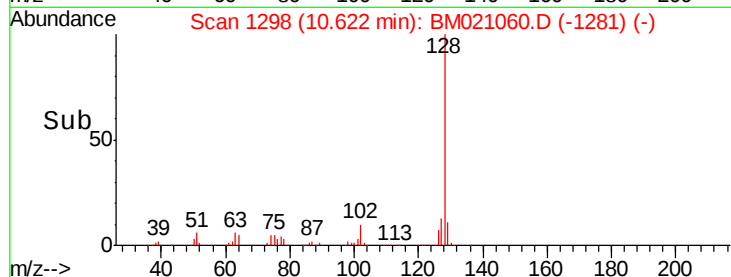
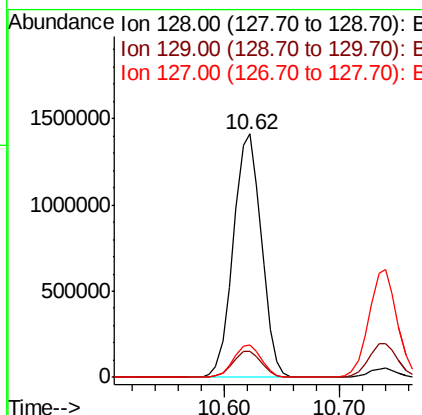
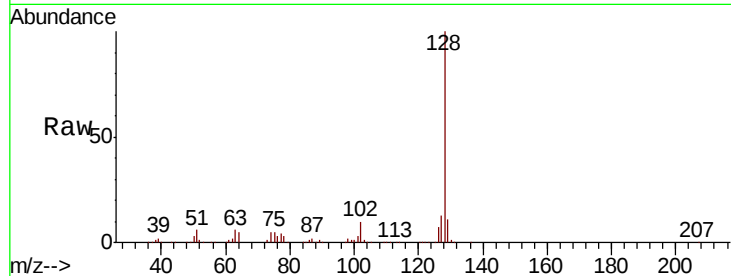
#31
Naphthalene
Concen: 41.869 ng
RT: 10.62 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.5	10.8	16.2

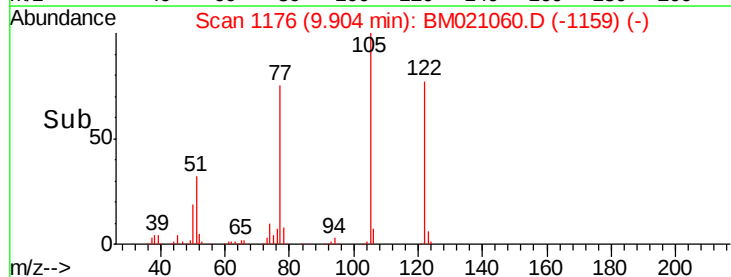
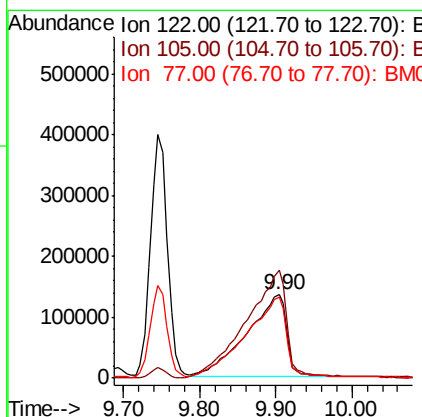
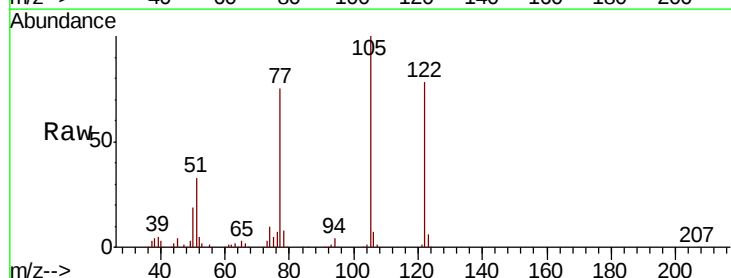
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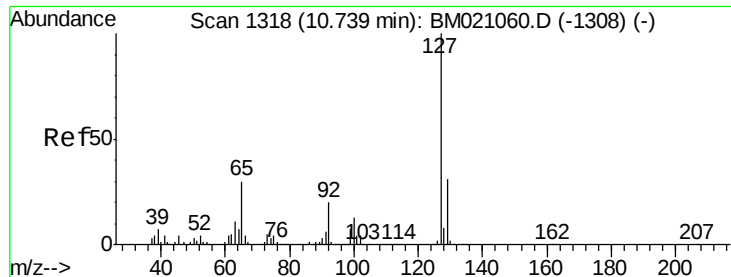
mohammad
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#32
Benzoic acid
Concen: 57.604 ng m
RT: 9.90 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	108.9	148.9
77	96.7	76.7	116.7





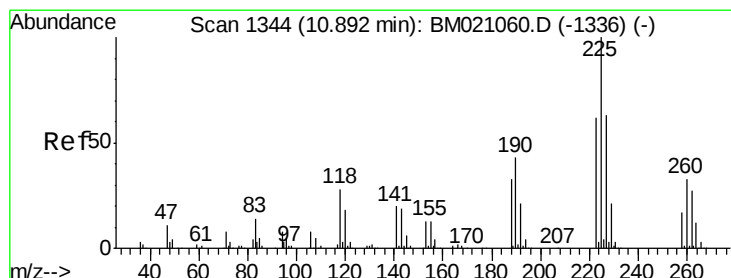
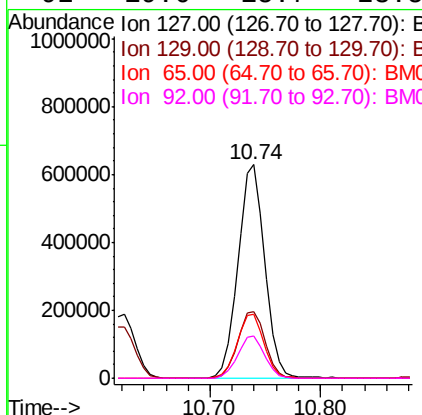
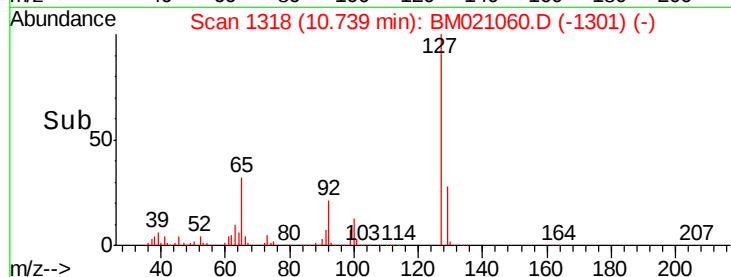
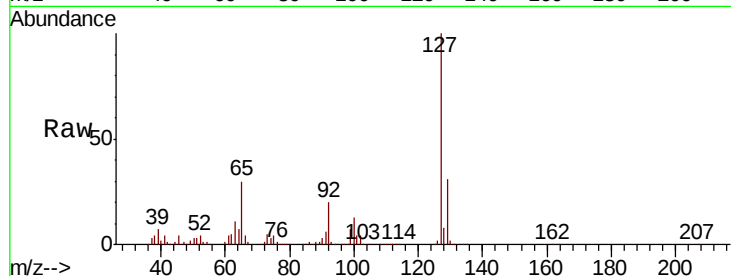
#33
4-Chloroaniline
Concen: 40.665 ng
RT: 10.74 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.1	37.7
65	29.8	23.8	35.8
92	19.6	15.7	23.5

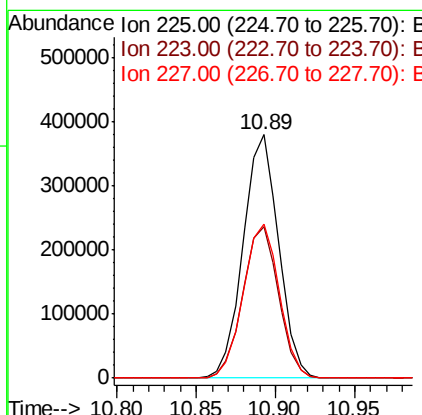
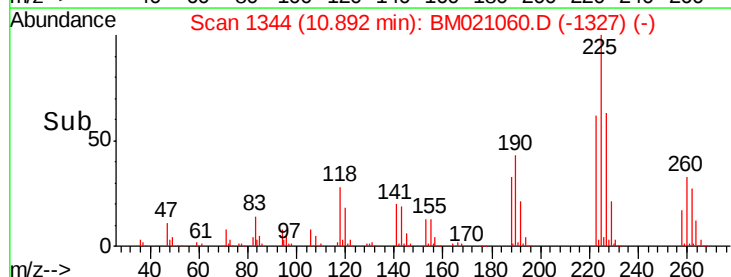
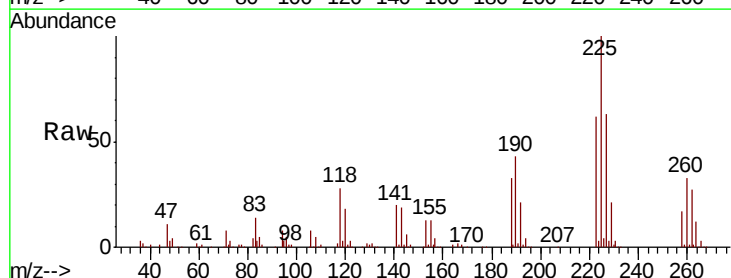
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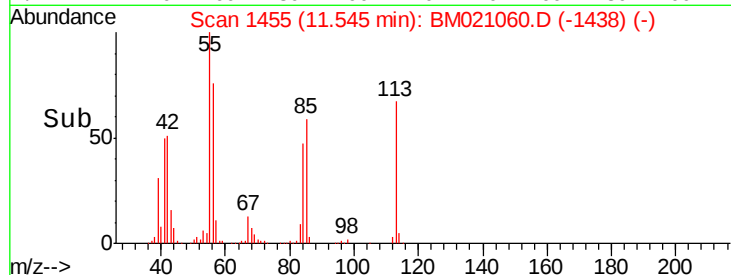
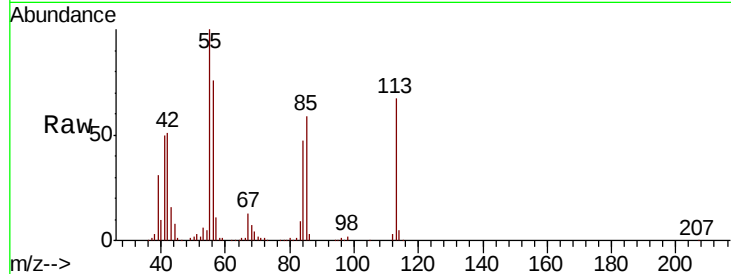
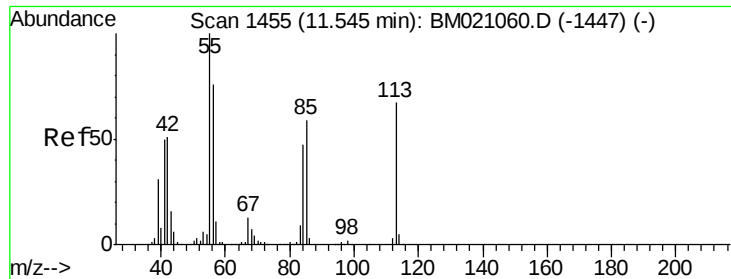
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#34
Hexachlorobutadiene
Concen: 51.195 ng
RT: 10.89 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	63.0	50.4	75.6





#35

Caprolactam

Concen: 38.957 ng/mL

RT: 11.55 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:113 Resp: 227031

Ion Ratio Lower Upper

113 100

55 149.8 129.8 169.8

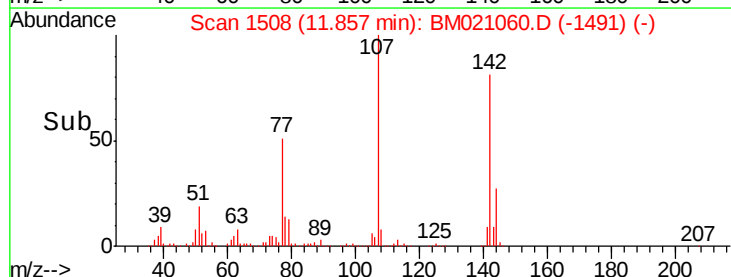
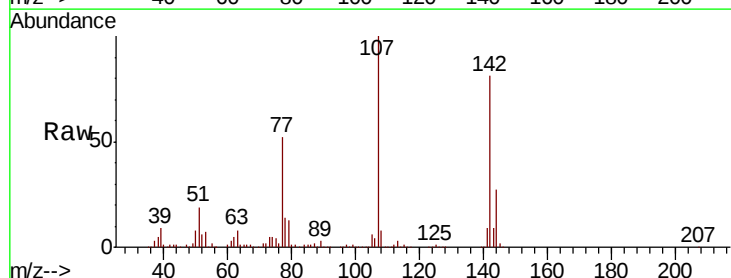
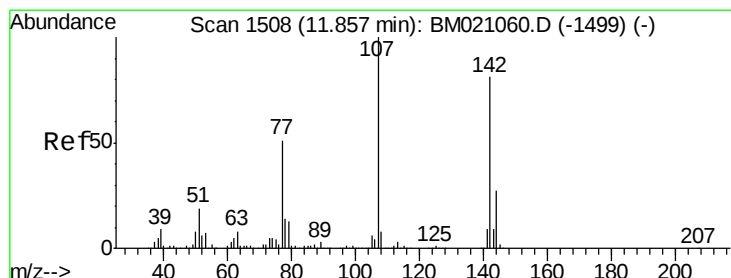
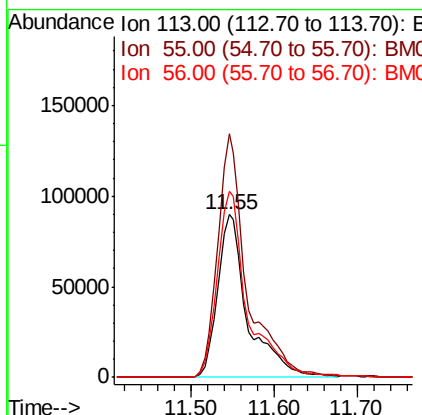
56 114.3 94.3 134.3

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 40.444 ng/mL

RT: 11.86 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

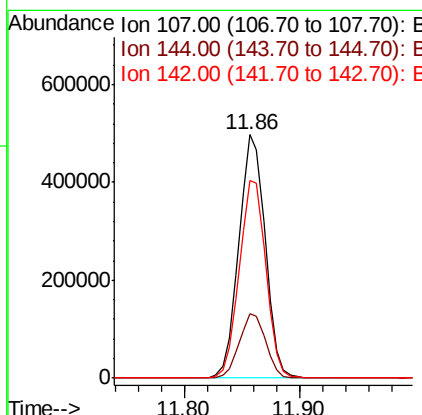
Tgt Ion:107 Resp: 788809

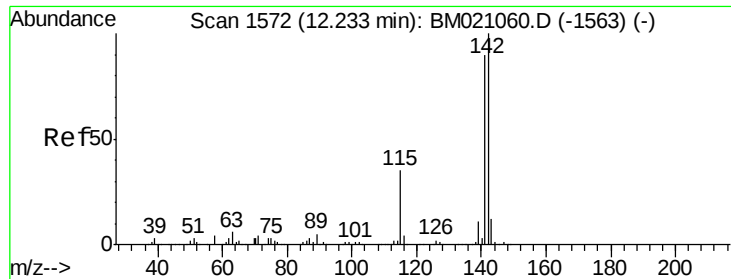
Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

142 81.1 64.9 97.3





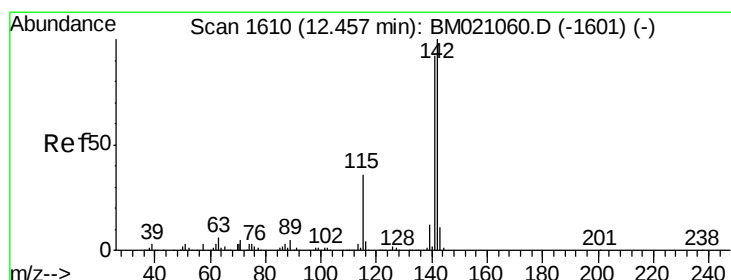
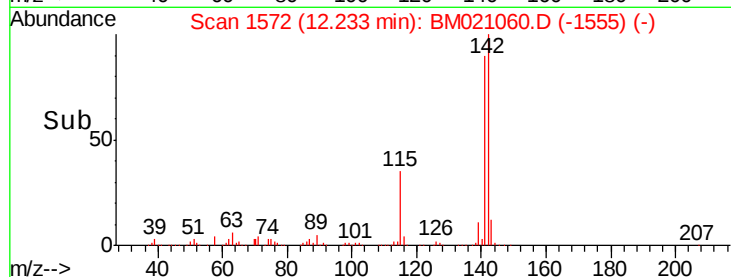
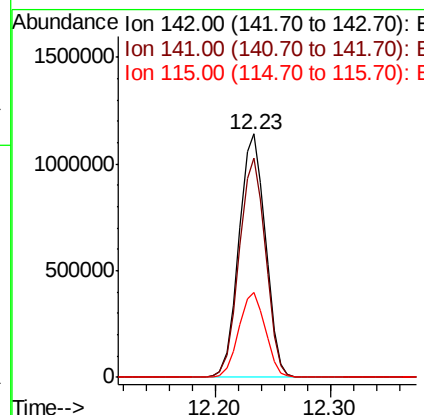
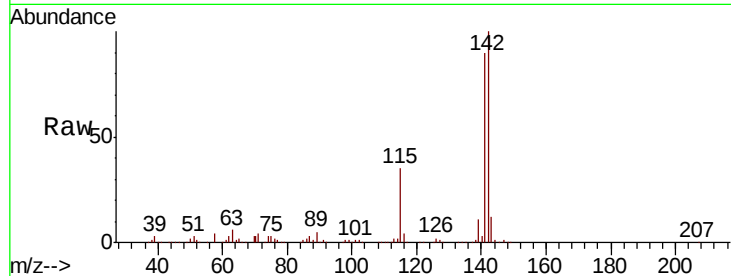
#37
2-Methylnaphthalene
Concen: 43.195 ng
RT: 12.23 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.2	108.2
115	34.9	27.9	41.9

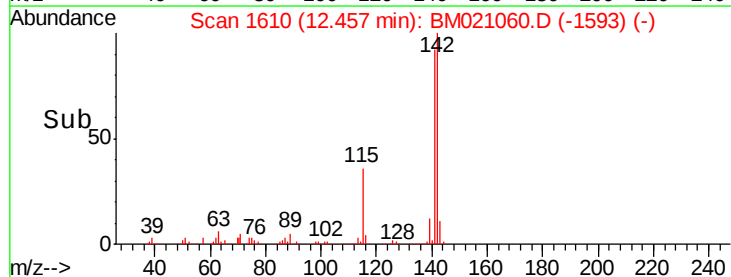
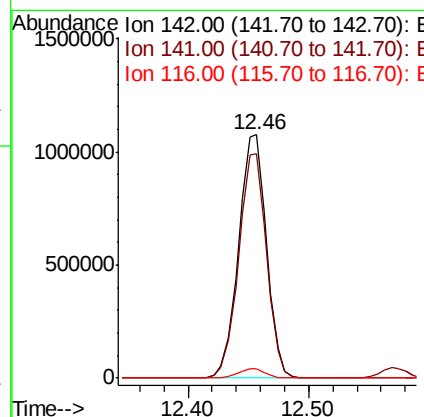
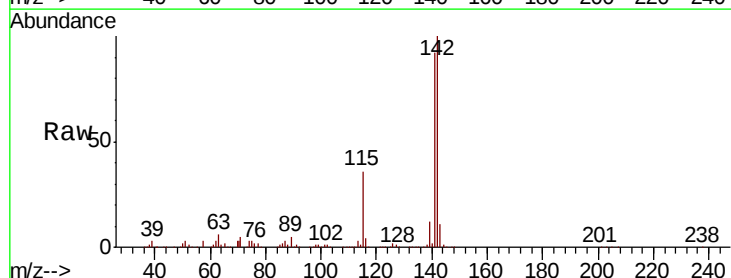
Manual Integrations
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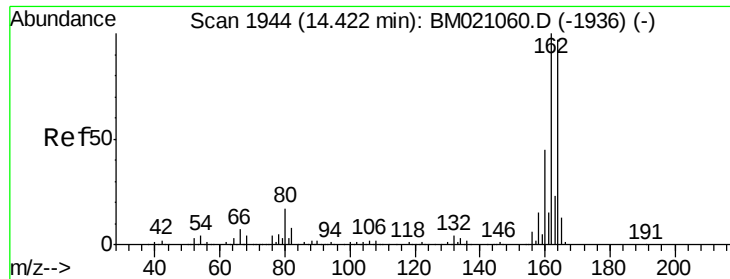
mohammad
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#38
1-Methylnaphthalene
Concen: 43.268 ng
RT: 12.46 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

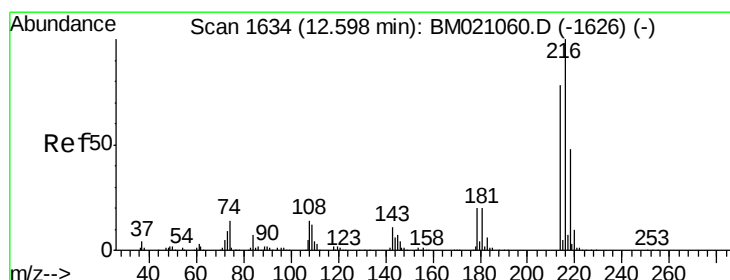
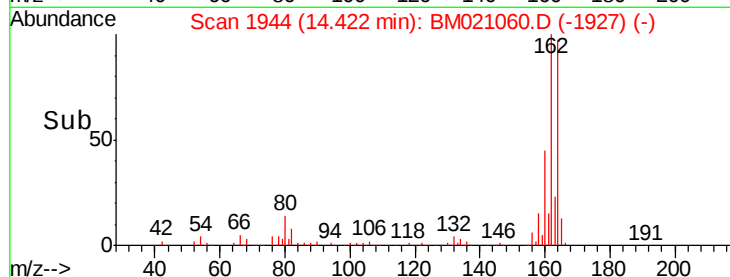
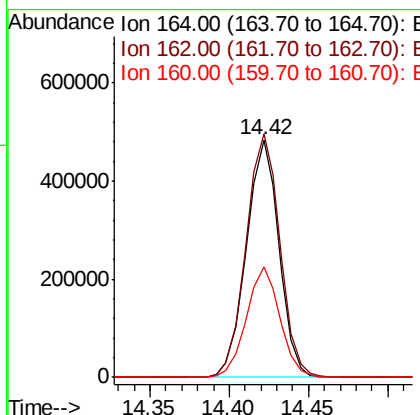
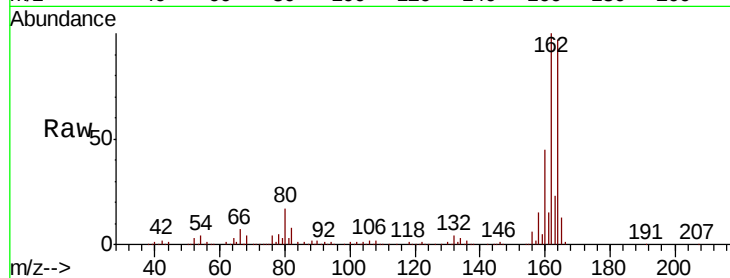
ClientSampleId :

SSTDICCC040

Tot Ion:	164	Resp:	690220
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.1	123.1
160	46.4	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.444 ng

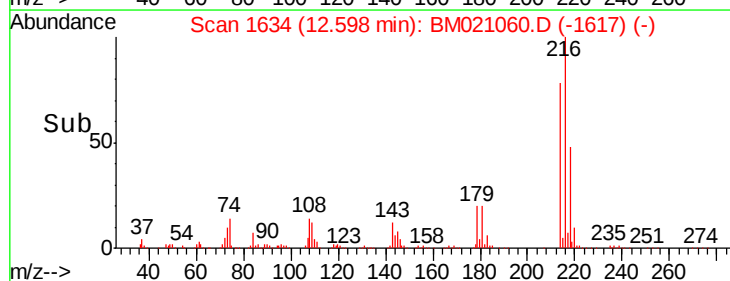
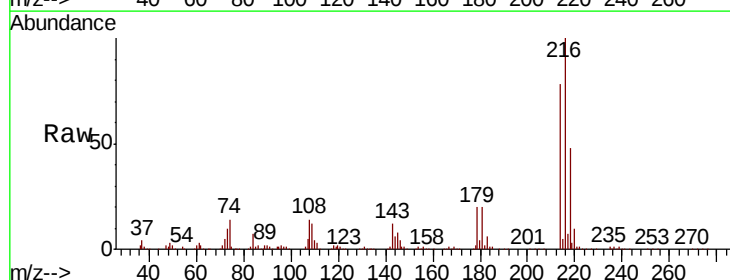
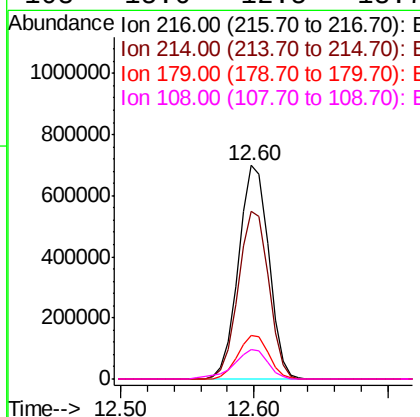
RT: 12.60 min Scan# 1634

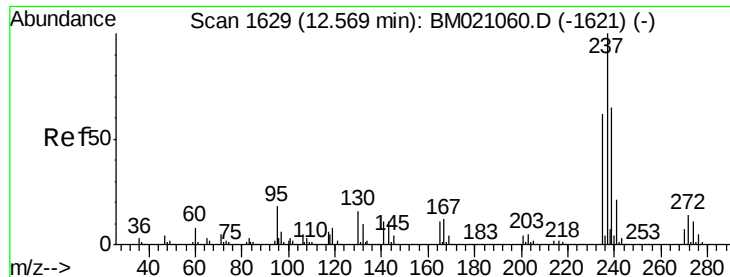
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:	216	Resp:	1095765
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	20.5	16.4	24.6
108	15.6	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 49.908 ng

RT: 12.57 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

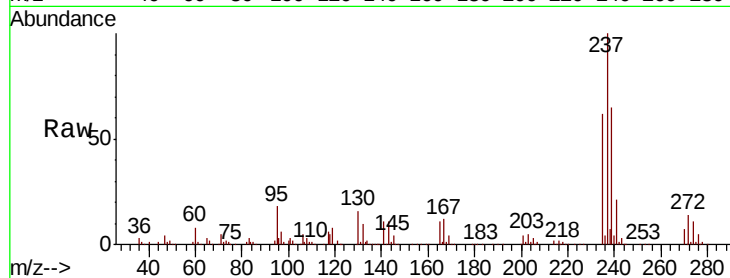
ClientSampleId :

SSTDICCC040

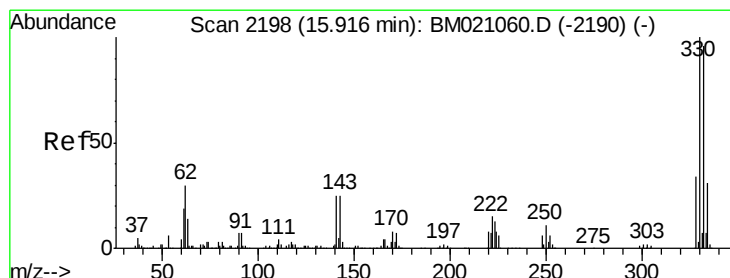
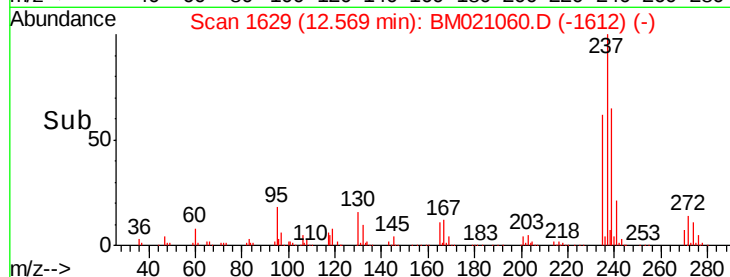
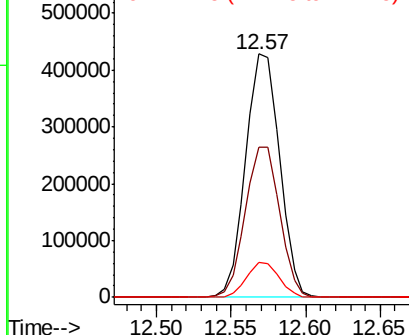
Tot Ion:	237	Resp:	675151
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.7	81.7
272	14.1	0.0	34.1

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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: 119.065 ng

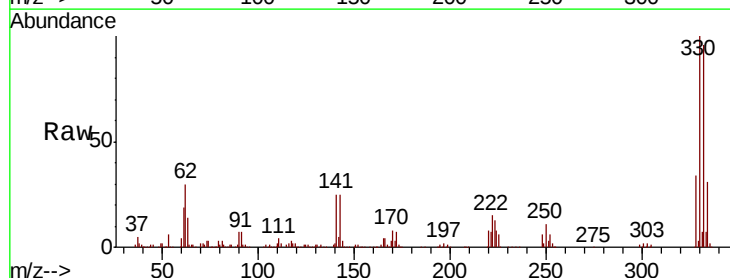
RT: 15.92 min Scan# 2198

Delta R.T. 0.00 min

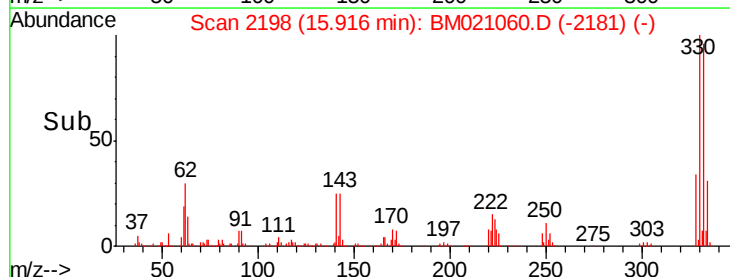
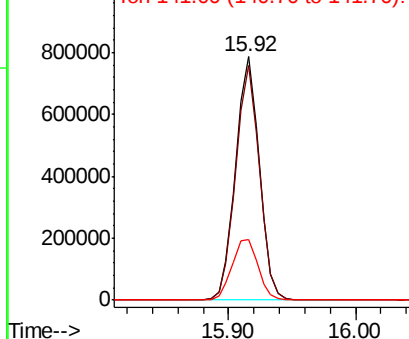
Lab File: BM021060.D

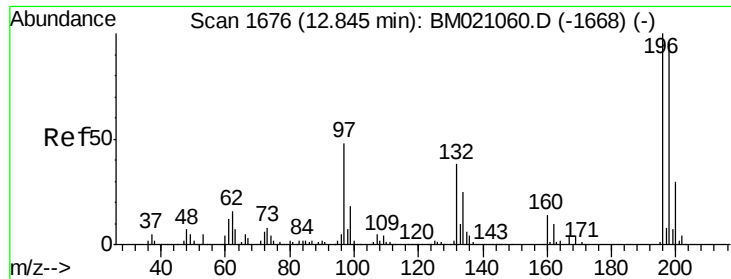
Acq: 20 Jun 2019 11:24

Tgt Ion:	330	Resp:	1018214
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	27.3	21.8	32.8



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





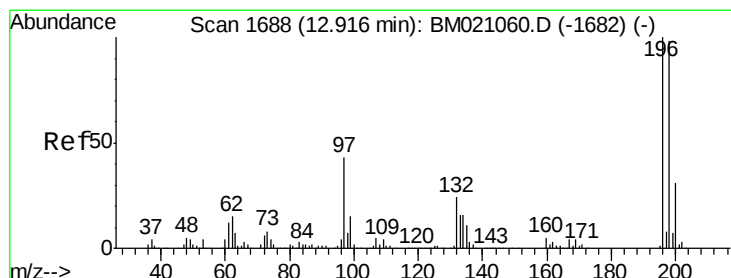
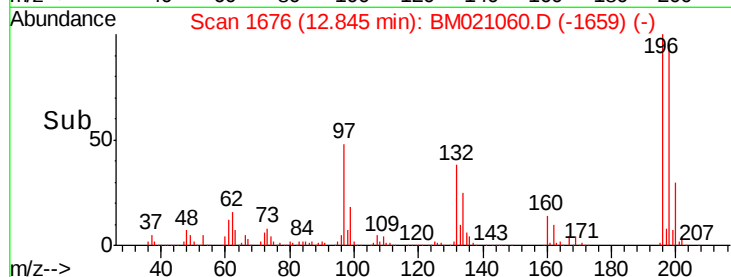
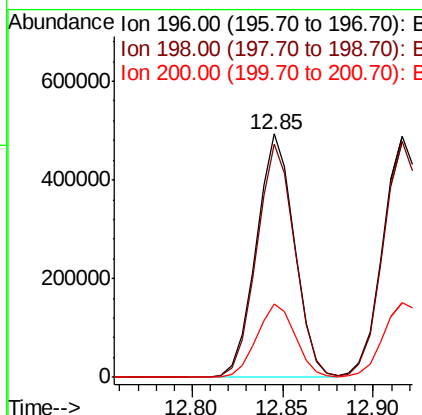
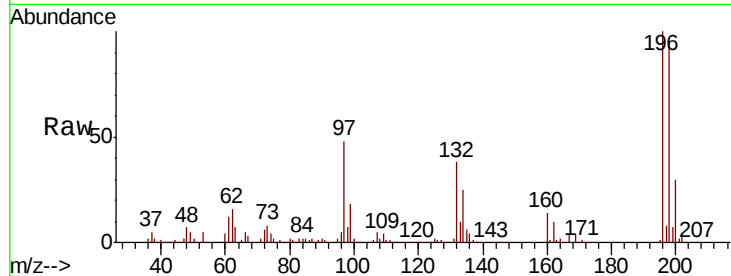
#43
 2,4,6-Trichlorophenol
 Concen: 49.521 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	720997		
198	95.9	76.7	115.1	
200	30.3	24.2	36.4	

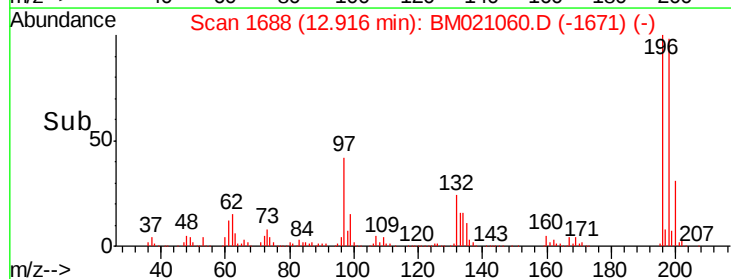
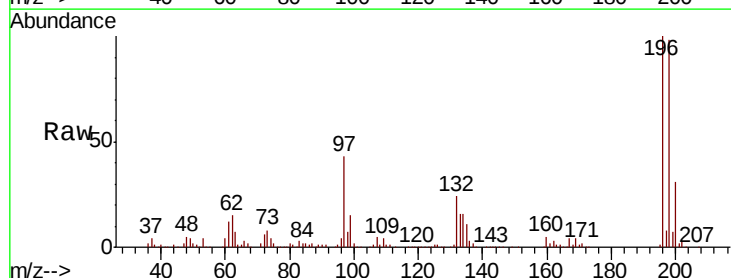
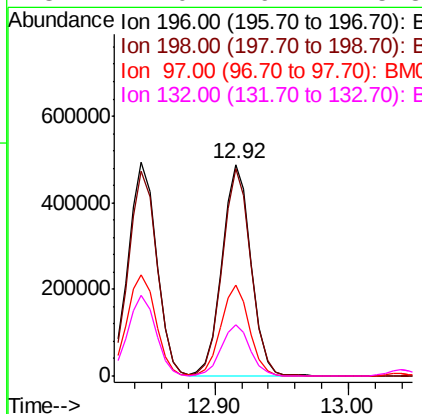
Manual Integrations
 APPROVED

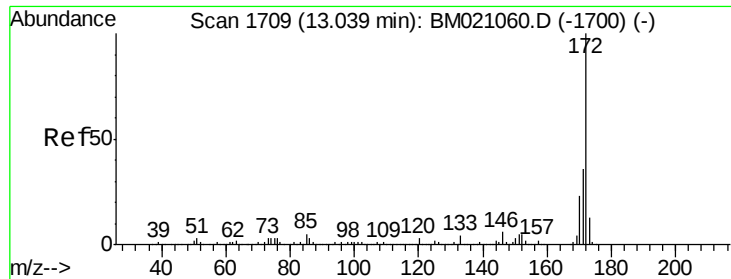
mohammad
 6/21/2019 10:01:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.149 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	738768		
198	97.8	78.2	117.4	
97	42.6	34.1	51.1	
132	24.0	19.2	28.8	





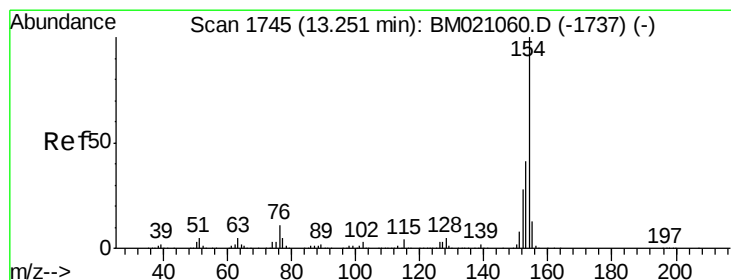
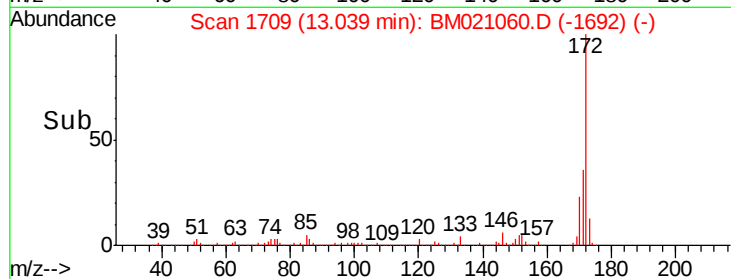
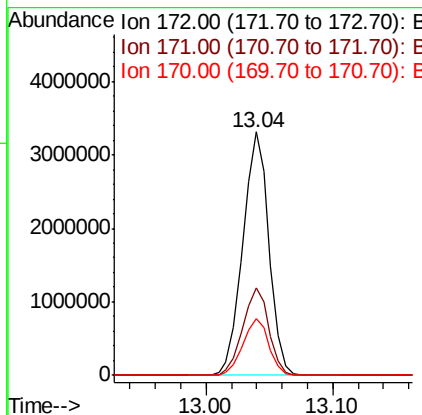
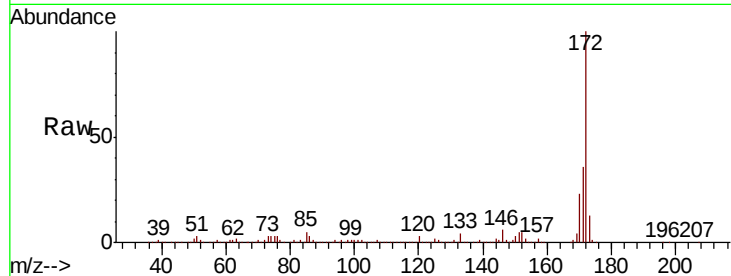
#45
2-Fluorobiphenyl
Concen: 90.809 ng
RT: 13.04 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:172 Resp: 4714610
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 18.7 28.1

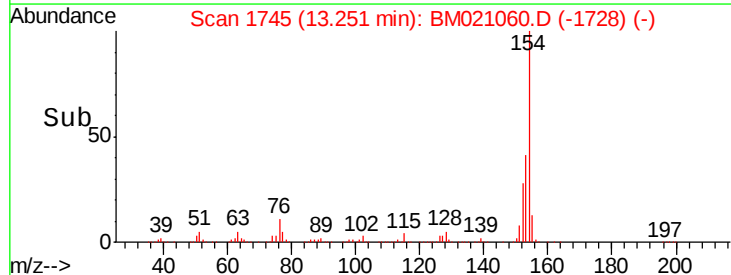
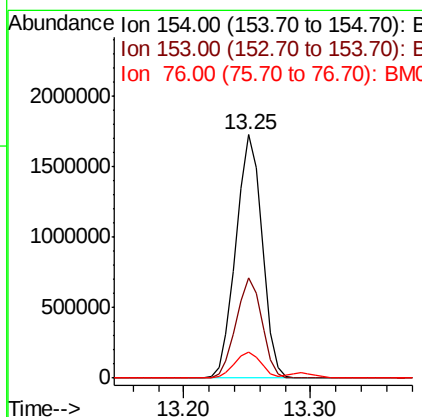
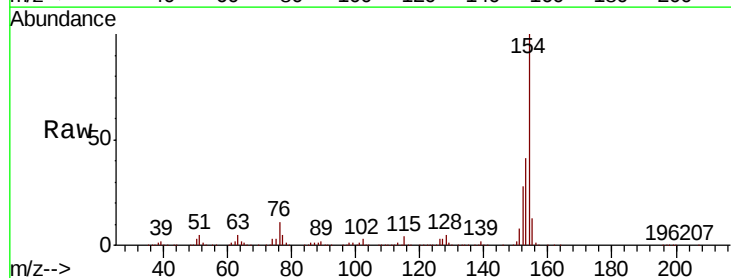
Manual Integrations
APPROVED

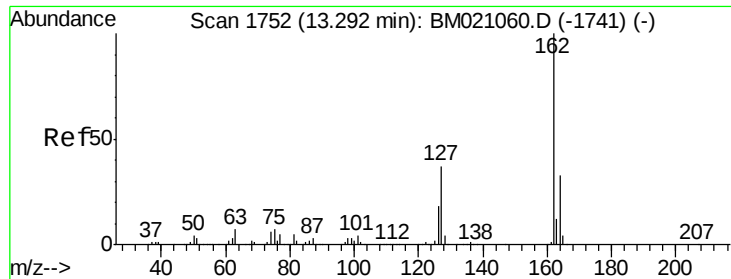
mohammad
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#46
1,1'-Biphenyl
Concen: 42.804 ng
RT: 13.25 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:154 Resp: 2467407
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 42.882 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:162 Resp: 1995072

Ion Ratio Lower Upper

162 100

127 36.8 29.4 44.2

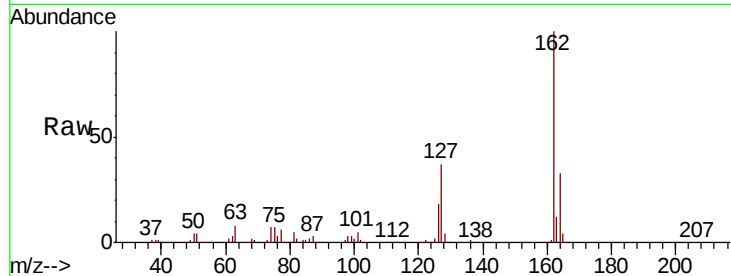
164 33.1 26.5 39.7

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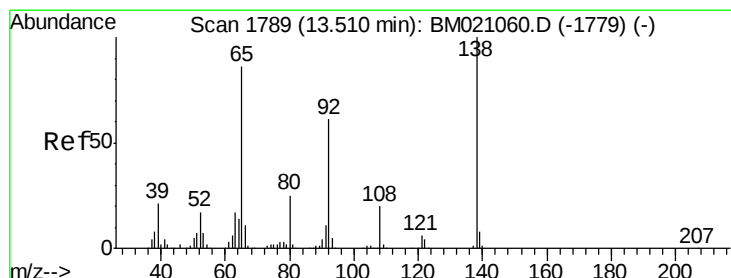
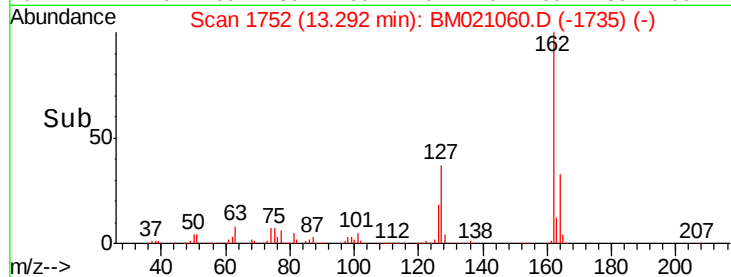
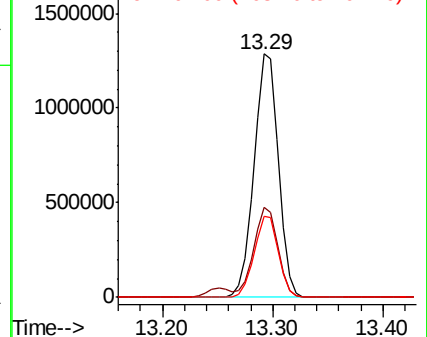


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.719 ng

RT: 13.51 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

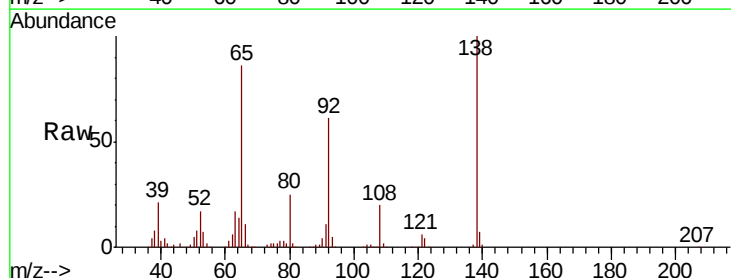
Tgt Ion: 65 Resp: 536187

Ion Ratio Lower Upper

65 100

92 70.4 56.3 84.5

138 115.8 92.6 139.0

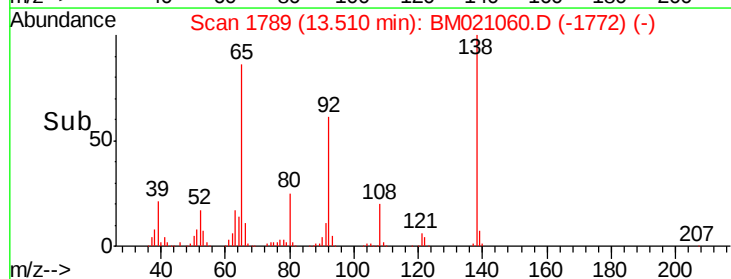
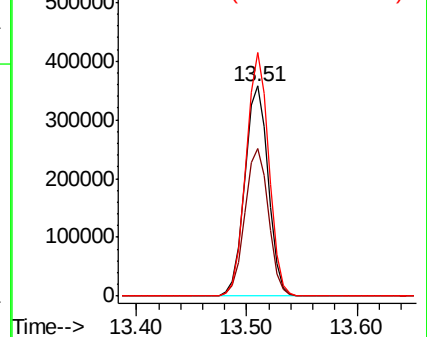


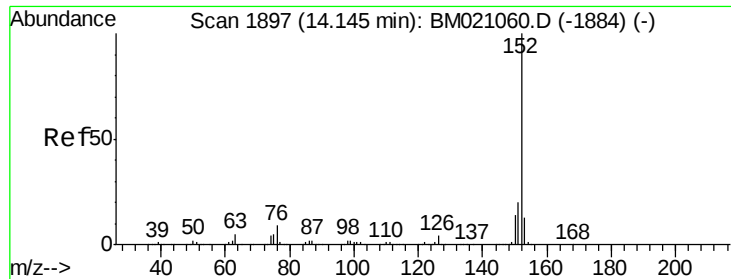
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.440 ng

RT: 14.15 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 3008259

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

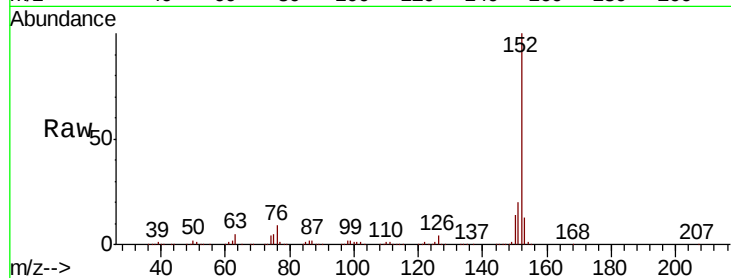
153 13.3 10.6 16.0

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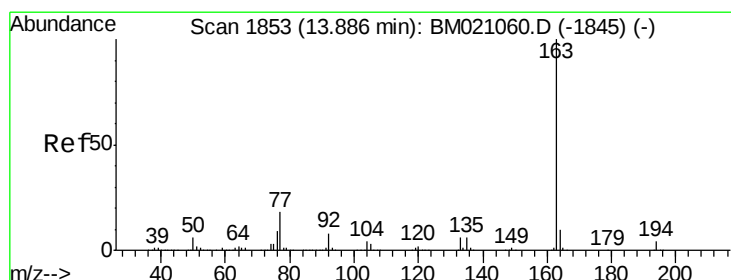
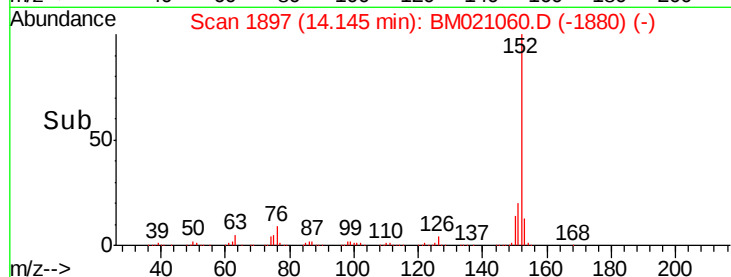
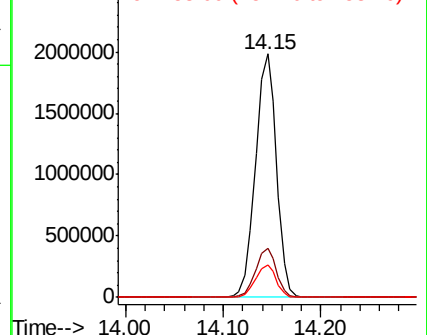


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.640 ng

RT: 13.89 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

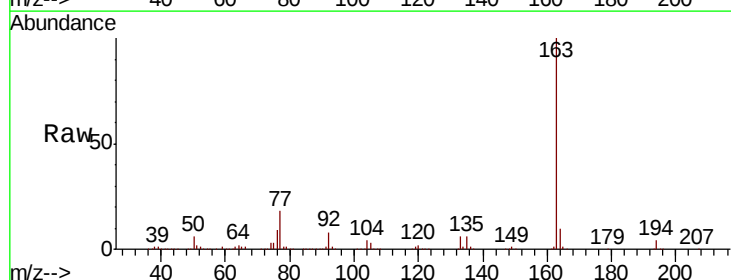
Tgt Ion:163 Resp: 2455462

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

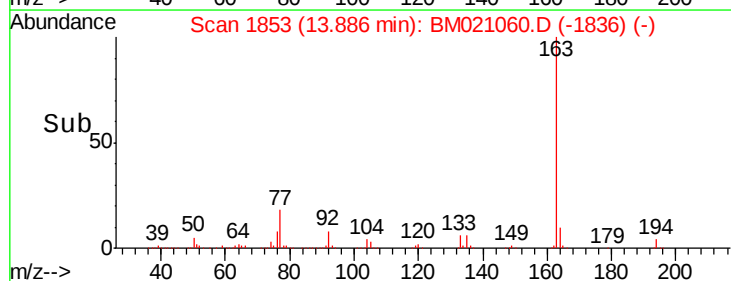
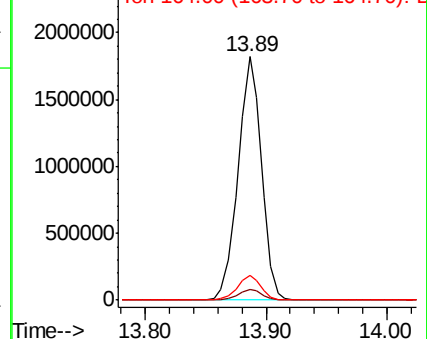


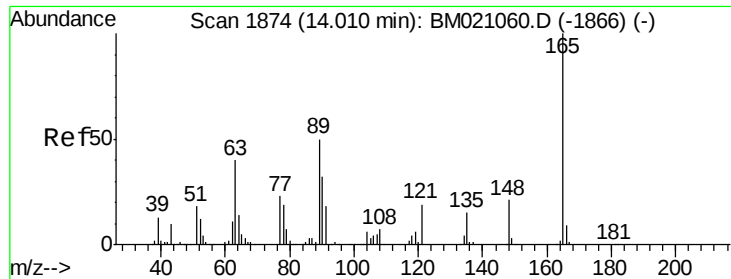
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





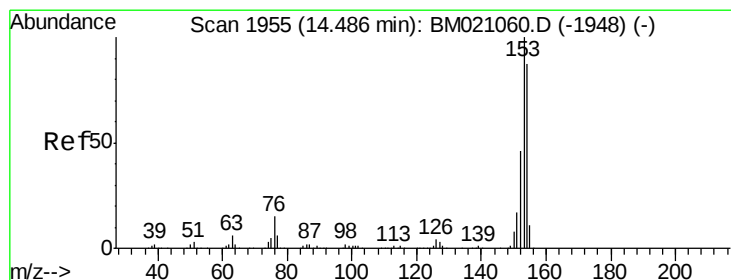
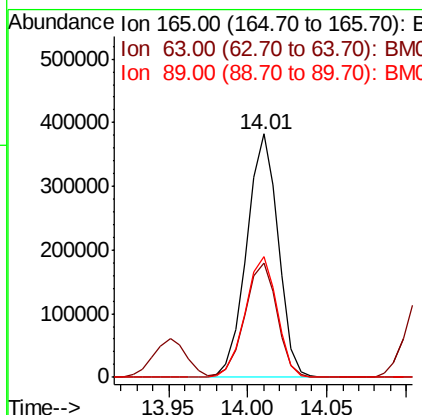
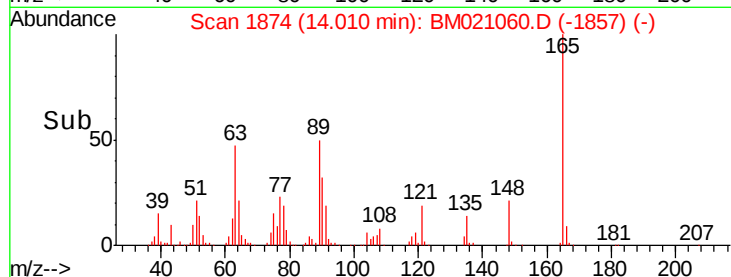
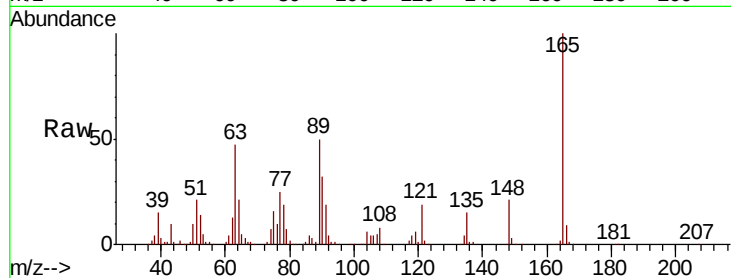
#51
 2,6-Dinitrotoluene
 Concen: 44.126 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	37.8	56.6
89	49.6	39.7	59.5

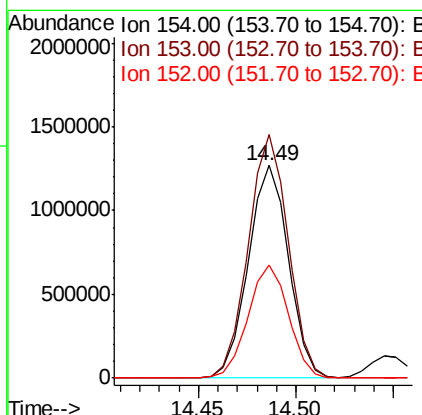
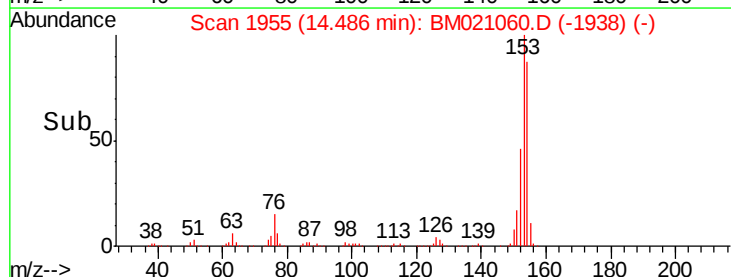
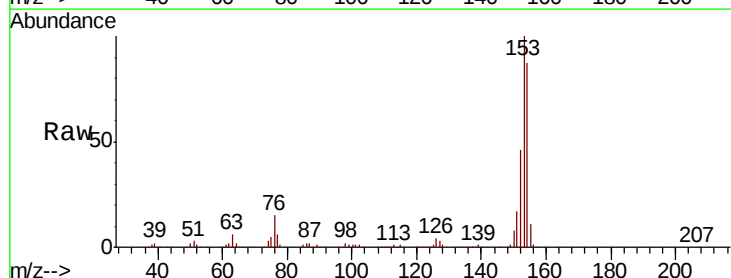
Manual Integrations
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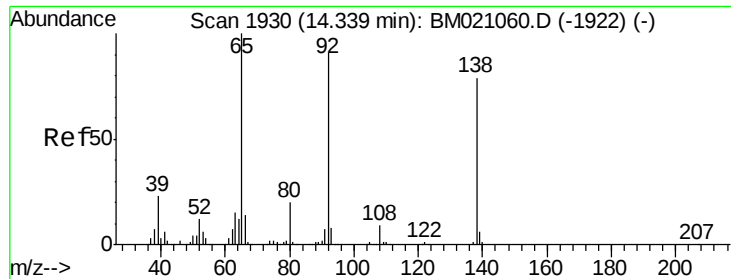
mohammad
 6/21/2019 10:01:44 PM



#52
 Acenaphthene
 Concen: 41.888 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	52.9	42.3	63.5





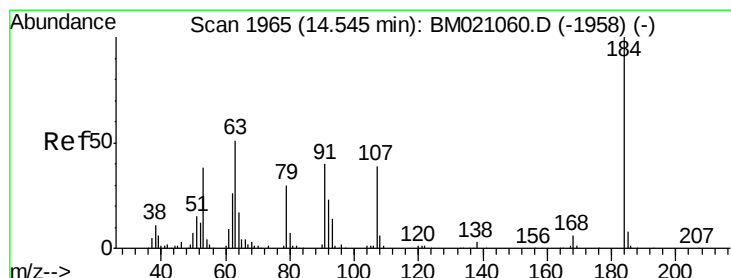
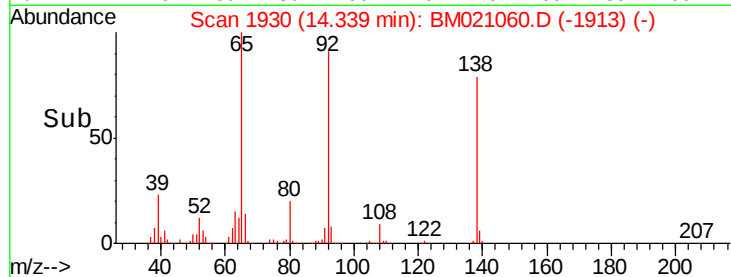
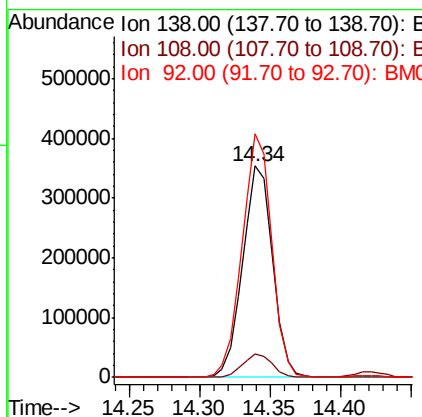
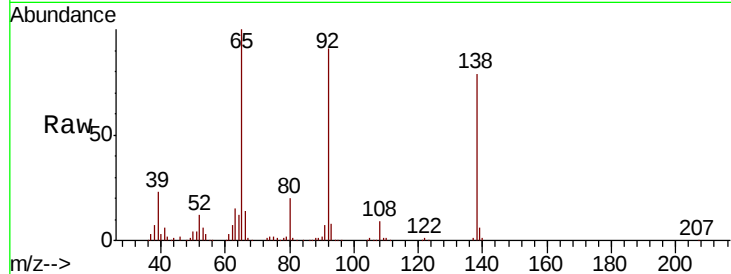
#53
3-Nitroaniline
Concen: 39.438 ng
RT: 14.34 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	115.2	92.2	138.2

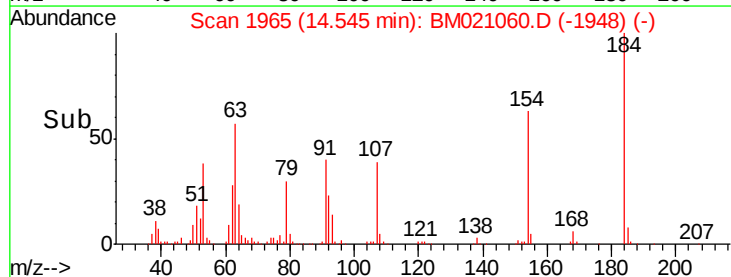
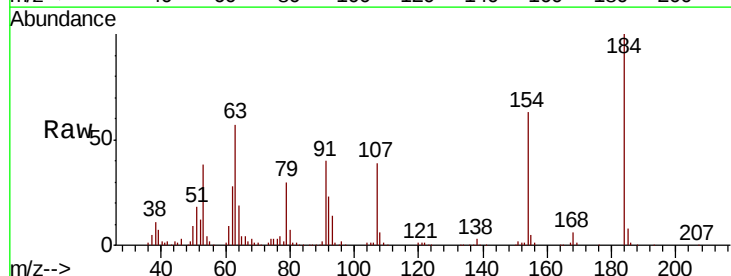
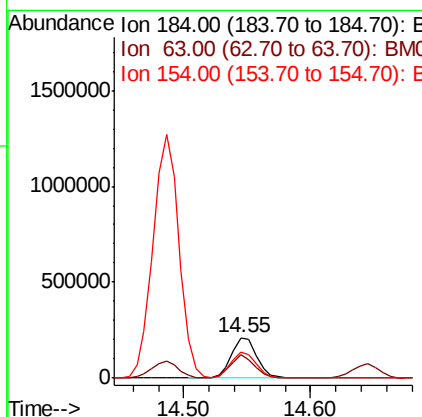
Manual Integrations
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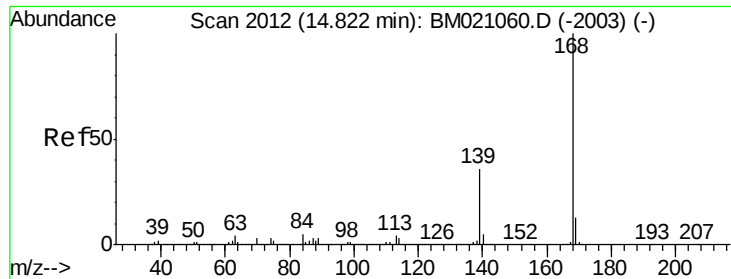
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.321 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.9	45.5	68.3
154	63.3	50.6	76.0





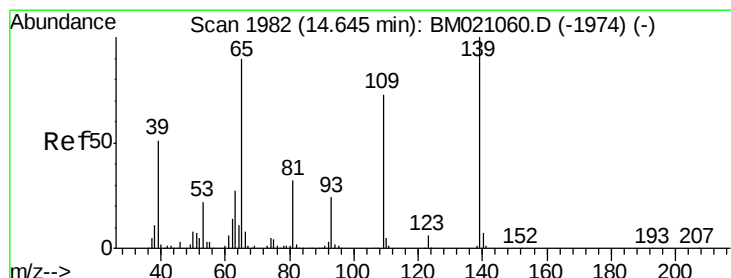
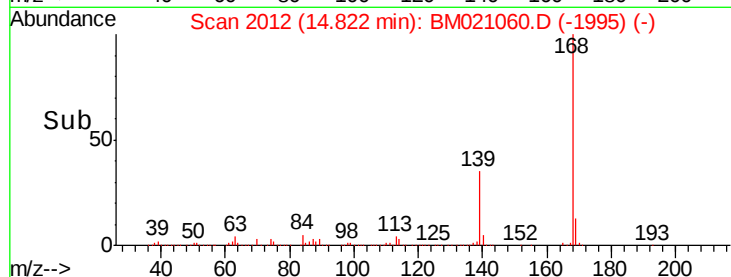
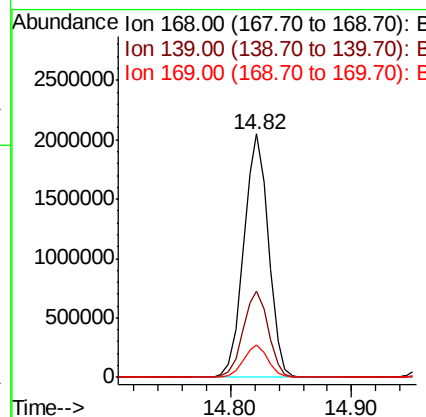
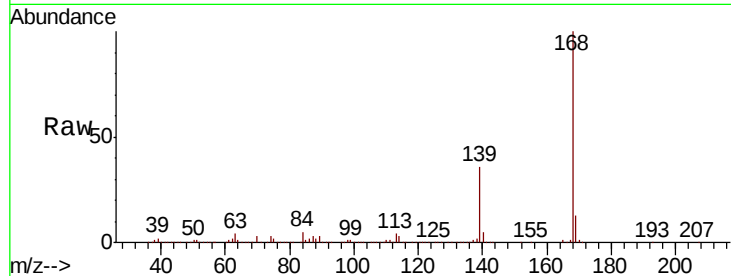
#55
Dibenzofuran
Concen: 43.390 ng
RT: 14.82 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:168 Resp: 2915376
Ion Ratio Lower Upper
168 100
139 35.5 28.4 42.6
169 13.3 10.6 16.0

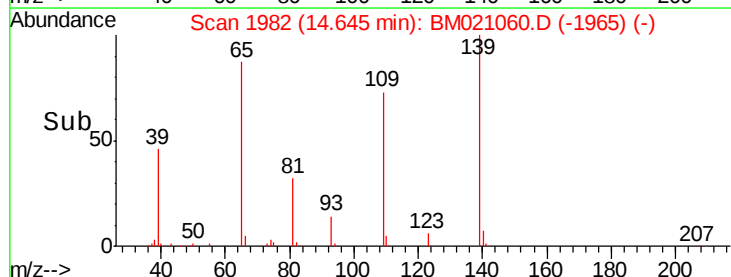
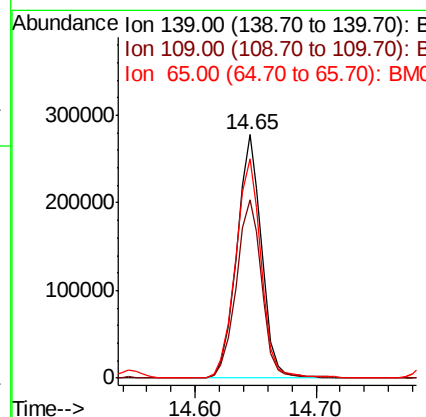
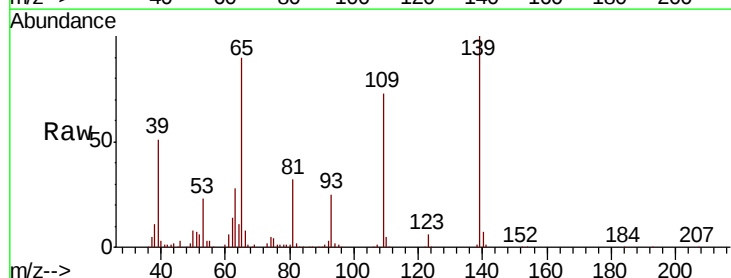
Manual Integrations
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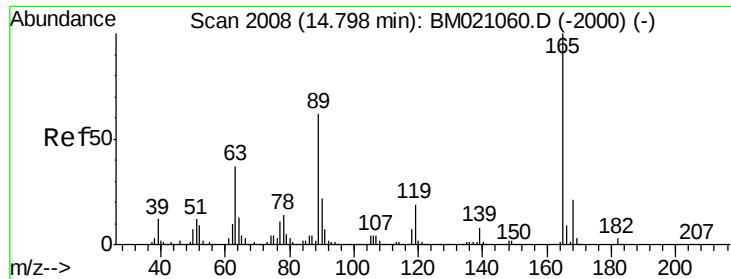
mohammad
6/21/2019 10:01:44 PM



#56
4-Nitrophenol
Concen: 40.333 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:139 Resp: 397218
Ion Ratio Lower Upper
139 100
109 73.3 53.3 93.3
65 90.3 70.3 110.3





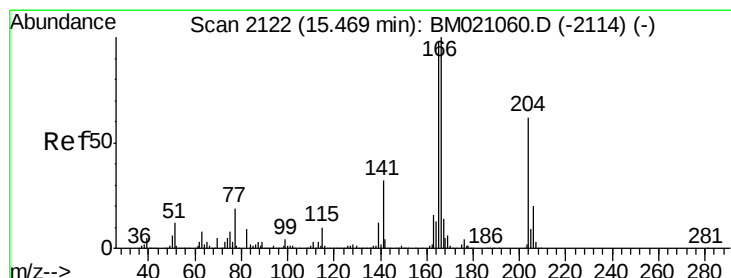
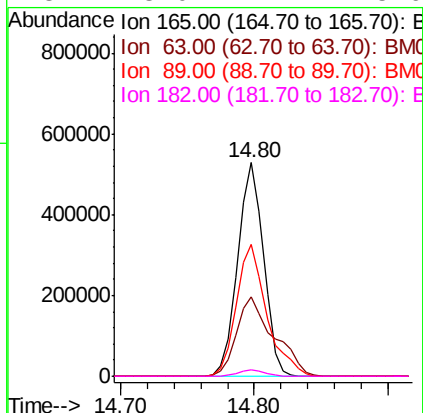
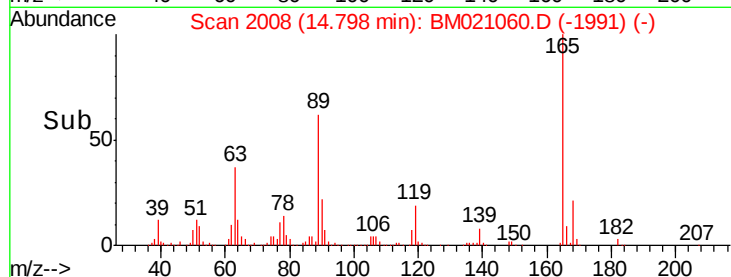
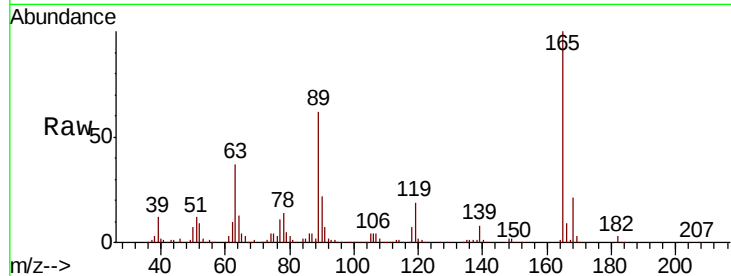
#57
2,4-Dinitrotoluene
Concen: 44.281 ng
RT: 14.80 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	29.6	44.4
89	61.9	49.5	74.3
182	3.0	2.4	3.6

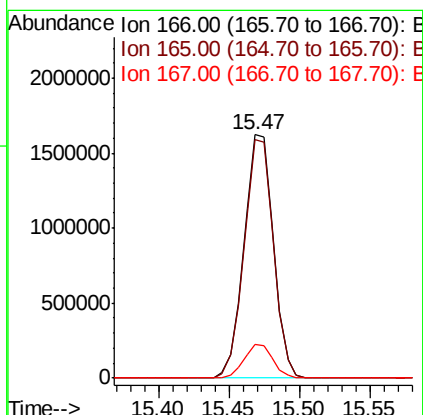
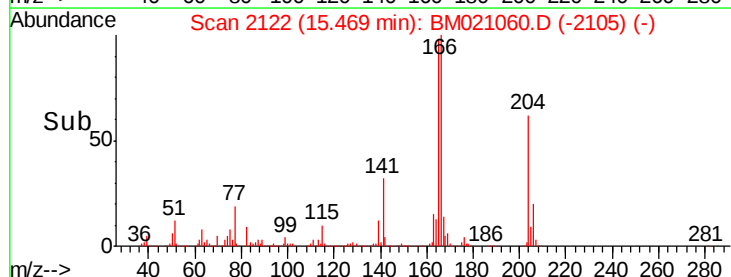
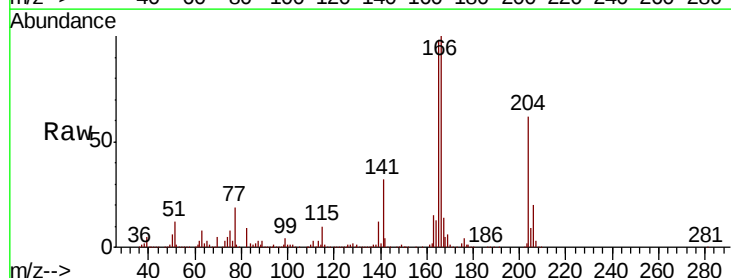
Manual Integrations
APPROVED

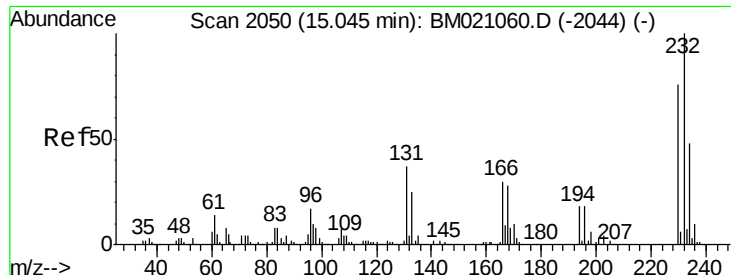
mohammad
6/21/2019 10:01:44 PM



#58
Fluorene
Concen: 42.782 ng
RT: 15.47 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.6	10.9	16.3





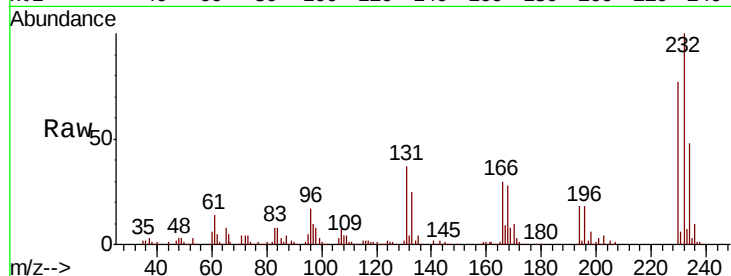
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.323 ng
 RT: 15.05 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

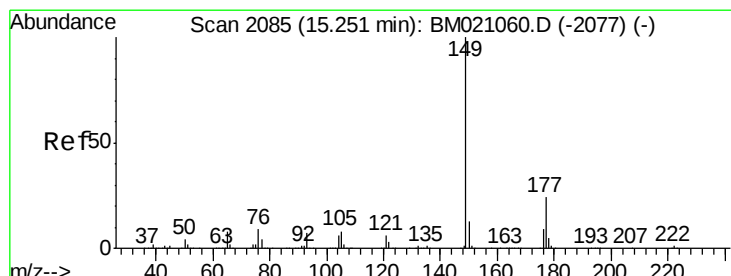
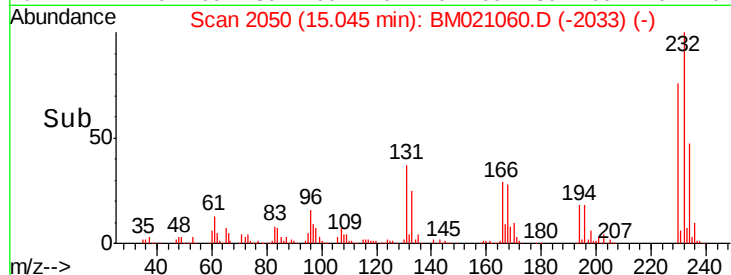
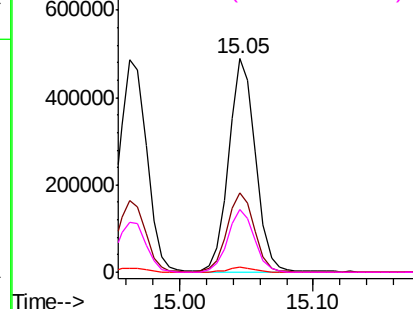
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	30.6	46.0
130	2.1	1.7	2.5
166	29.1	23.4	35.0

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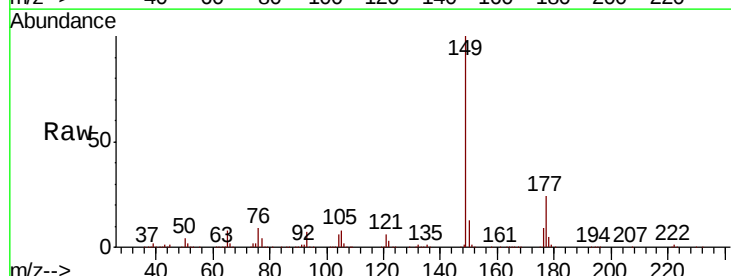


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

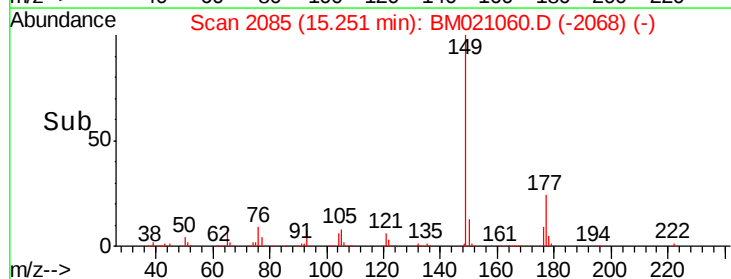
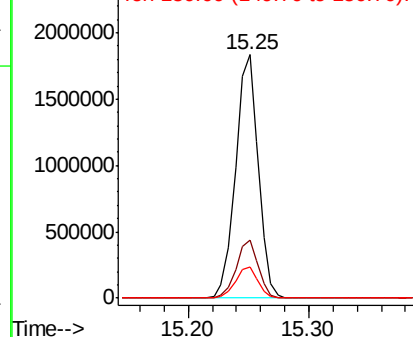


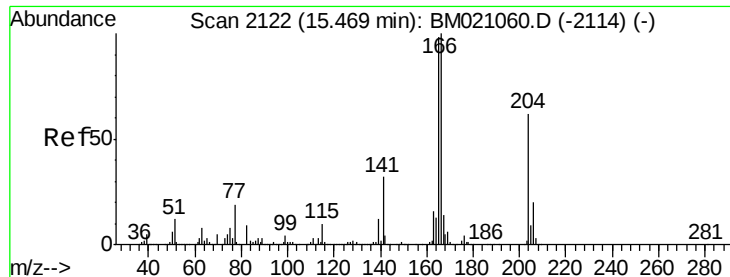
#60
 Diethylphthalate
 Concen: 39.226 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.6	10.1	15.1



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





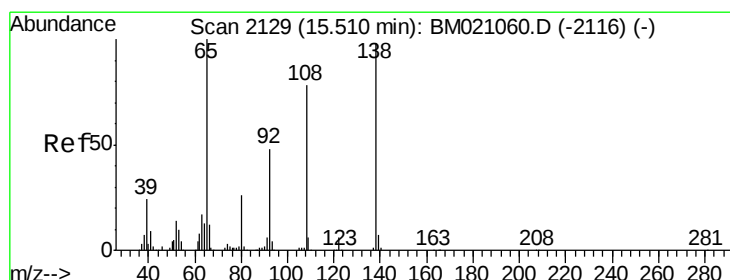
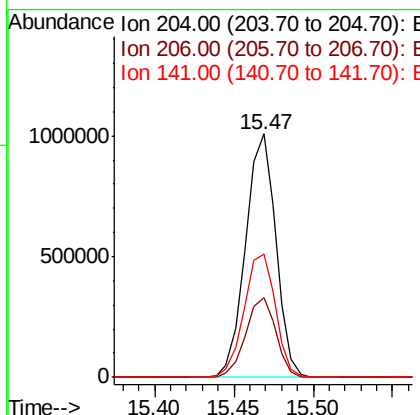
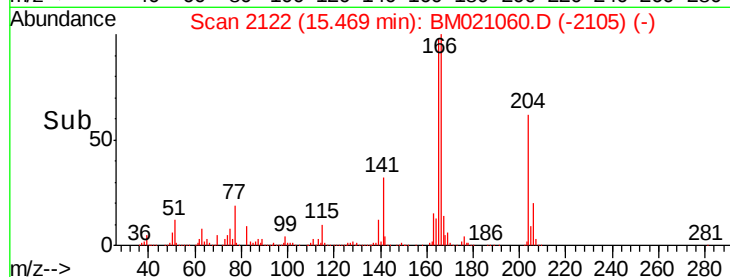
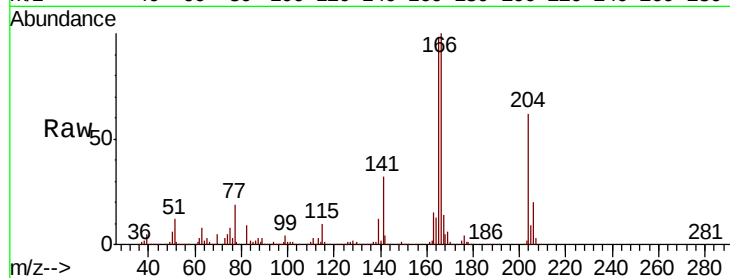
#61
4-Chlorophenyl-phenylether
Concen: 45.709 ng
RT: 15.47 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	50.9	40.7	61.1

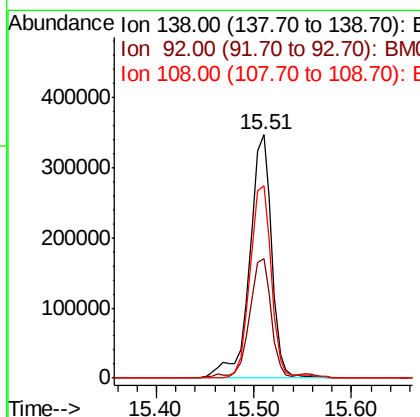
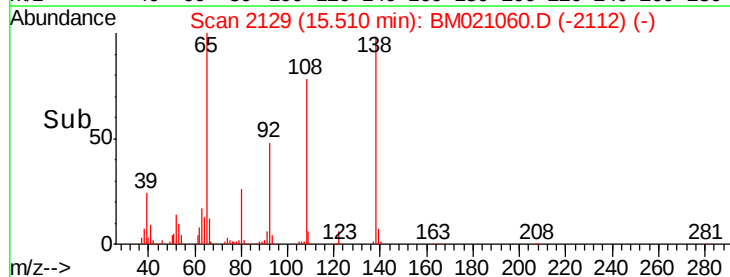
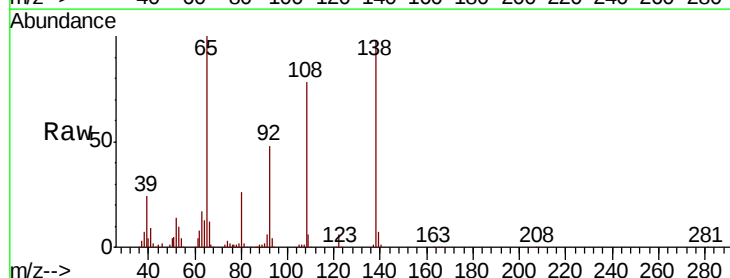
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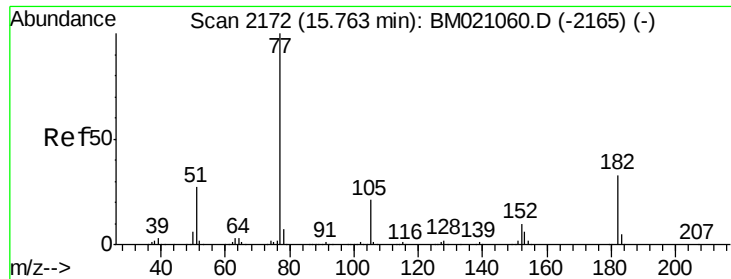
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#62
4-Nitroaniline
Concen: 39.061 ng
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.1	69.1
108	79.2	59.2	99.2





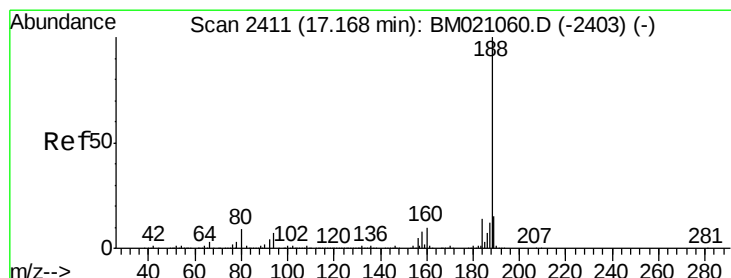
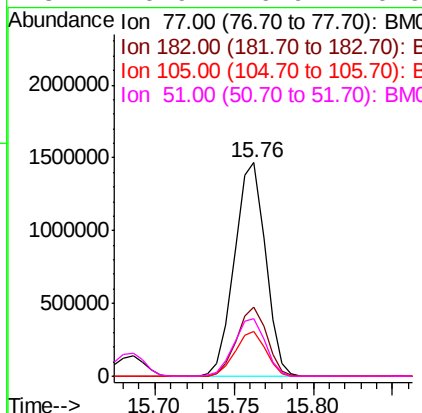
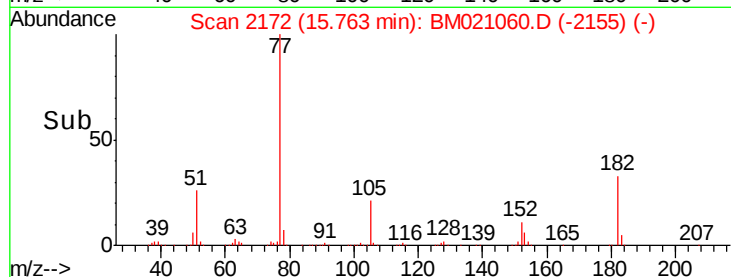
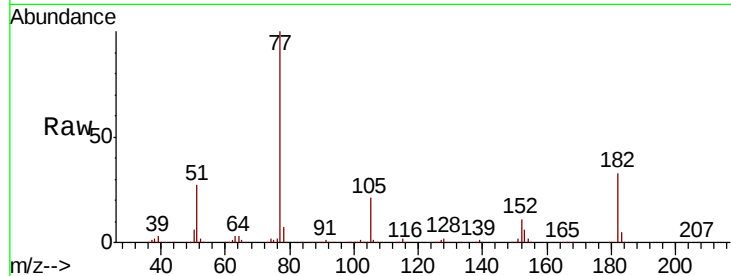
#63
Azobenzene
Concen: 34.121 ng
RT: 15.76 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.6	12.6	52.6	
105	21.1	1.1	41.1	
51	26.9	6.9	46.9	

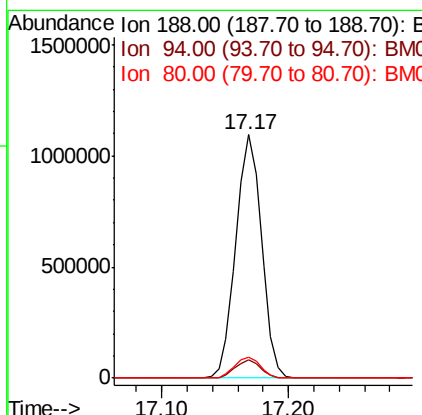
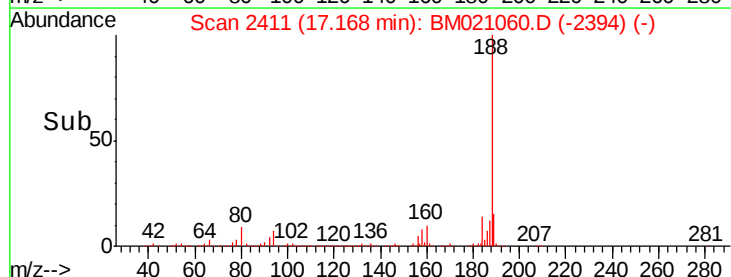
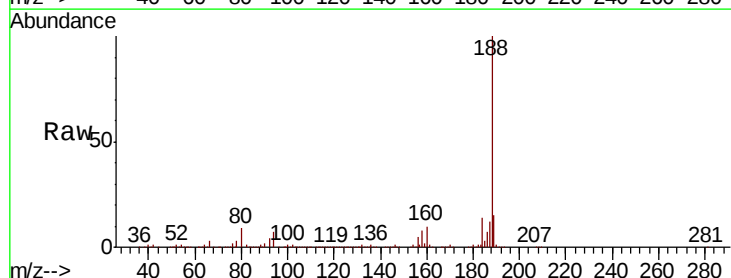
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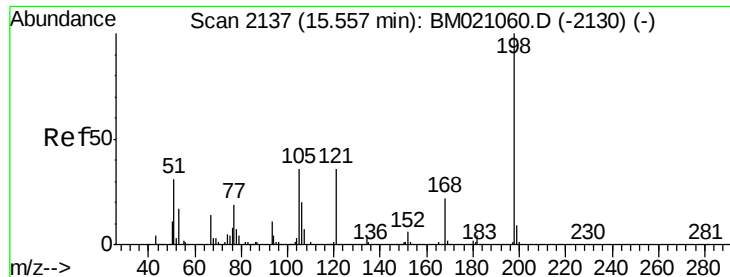
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.3	5.8	8.8	
80	8.6	6.9	10.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 59.811 ng

RT: 15.56 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:198 Resp: 379012

Ion Ratio Lower Upper

198 100

51 35.3 15.3 55.3

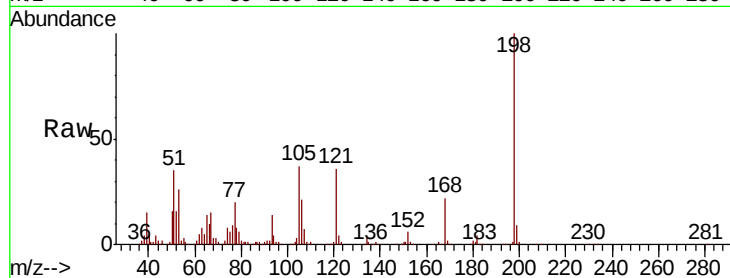
105 36.8 16.8 56.8

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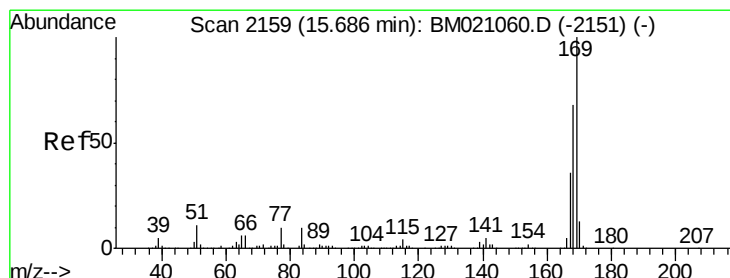
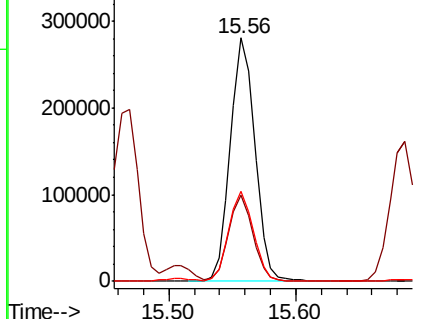
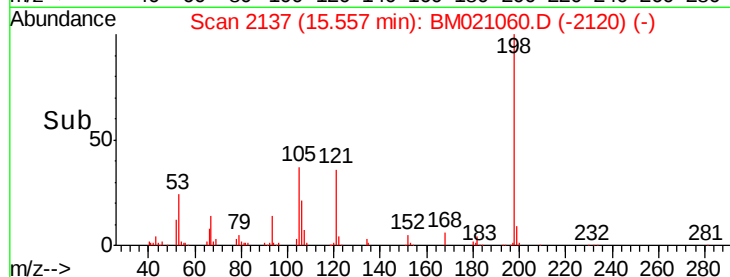
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.300 ng

RT: 15.69 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

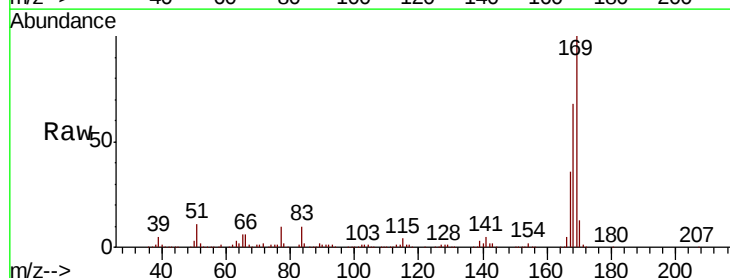
Tgt Ion:169 Resp: 2027359

Ion Ratio Lower Upper

169 100

168 68.1 54.5 81.7

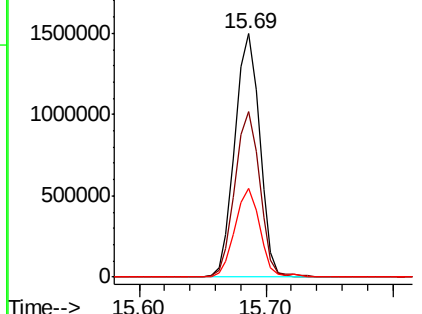
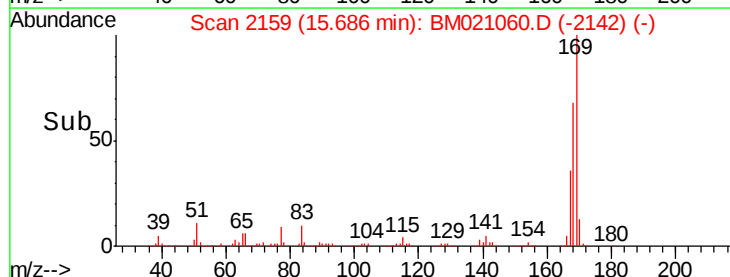
167 36.3 29.0 43.6

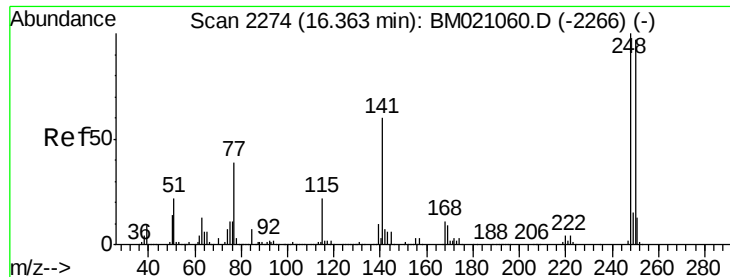


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 47.081 ng

RT: 16.36 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

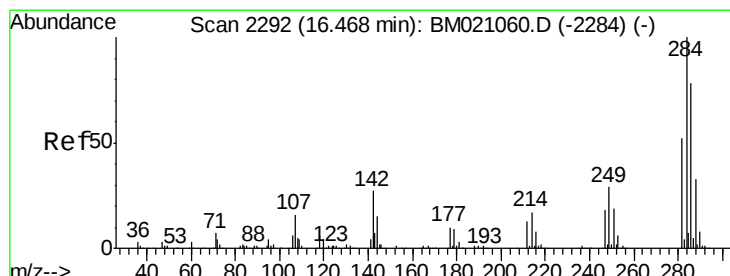
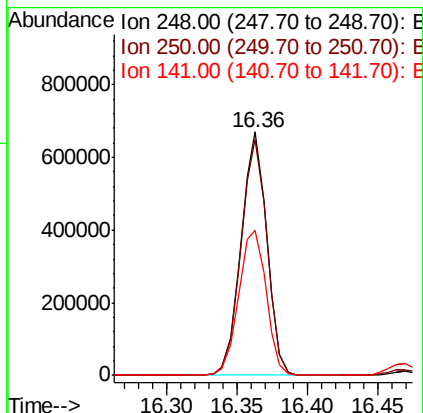
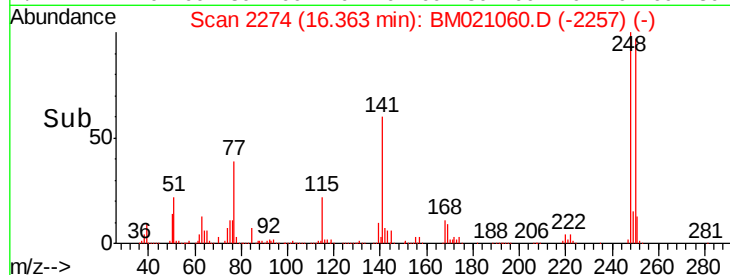
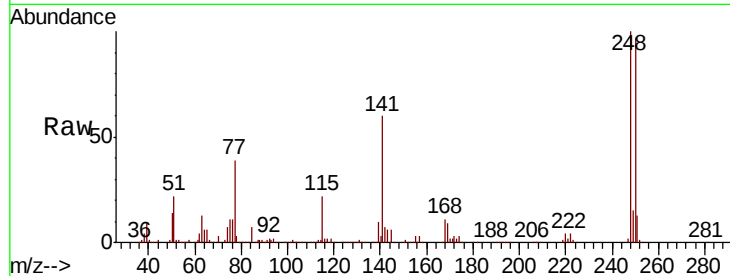
ClientSampleId :

SSTDICCC040

Tot Ion:	248	Resp:	850020
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.5	116.3
141	59.7	47.8	71.6

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#68

Hexachlorobenzene

Concen: 48.387 ng

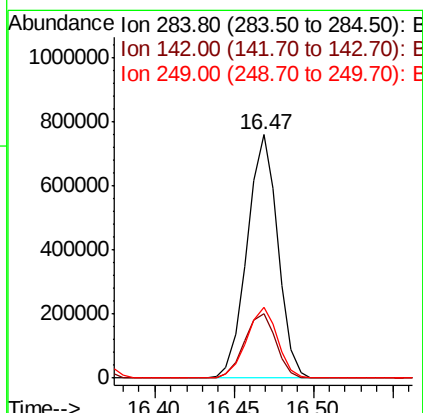
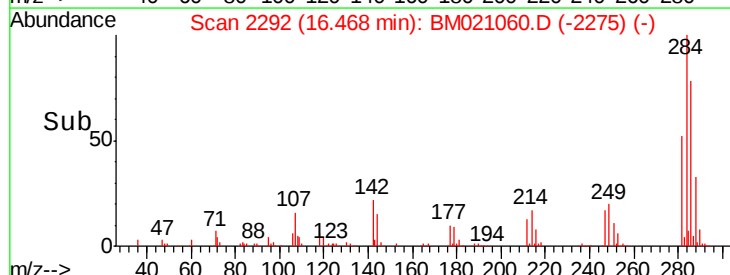
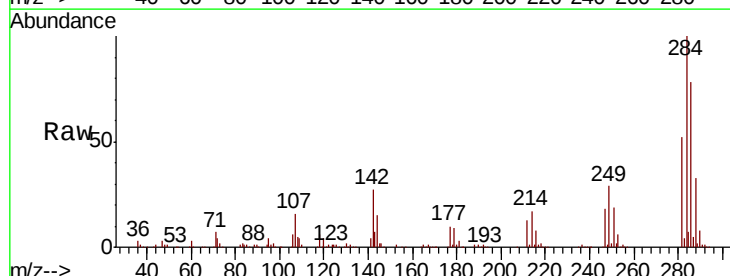
RT: 16.47 min Scan# 2292

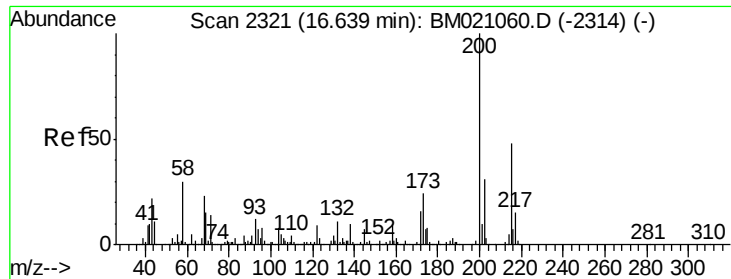
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:	284	Resp:	1020119
Ion Ratio	Lower	Upper	
284	100		
142	26.5	21.2	31.8
249	29.2	23.4	35.0





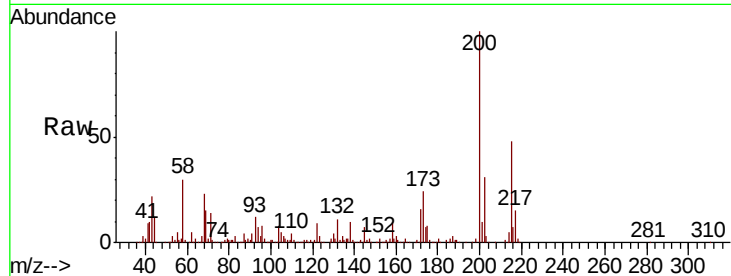
#69
Atrazine
Concen: 47.473 ng
RT: 16.64 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

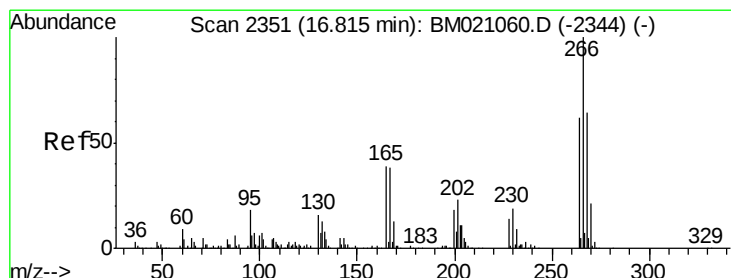
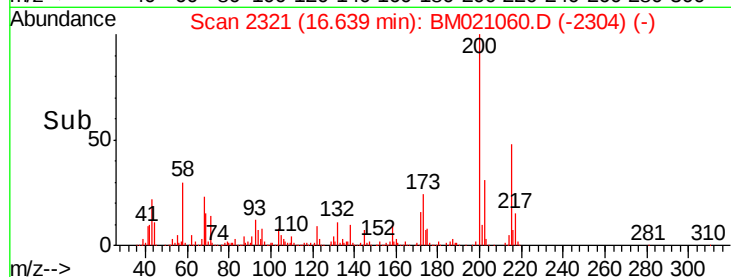
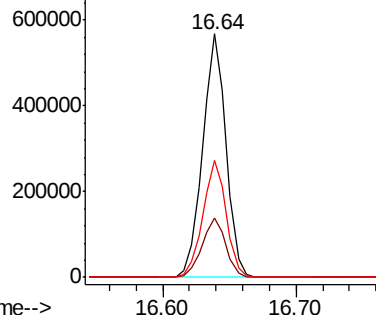
Tot Ion	Ratio	Resp	Lower	Upper
200	100	695512		
173	24.3		4.3	44.3
215	48.2		28.2	68.2

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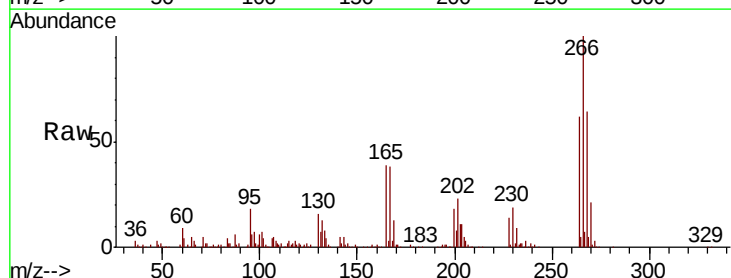


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

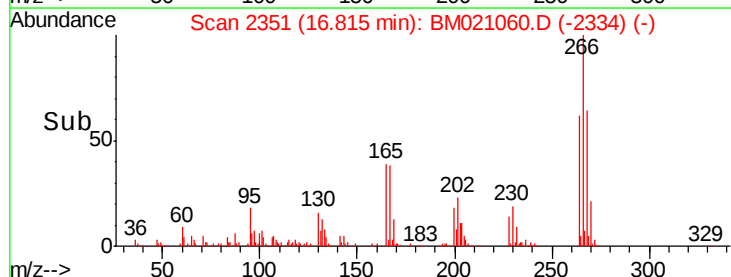
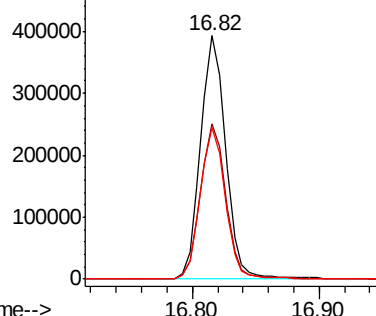


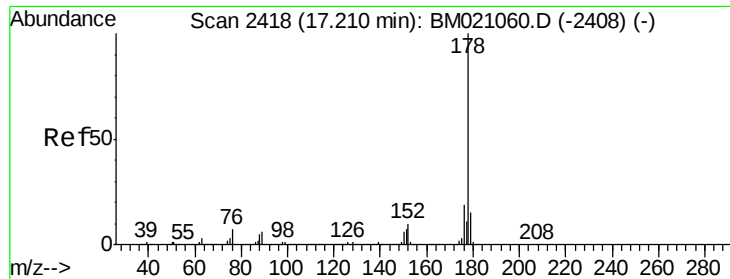
#70
Pentachlorophenol
Concen: 53.797 ng
RT: 16.82 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	541075		
268	63.7		51.0	76.4
264	62.4		49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





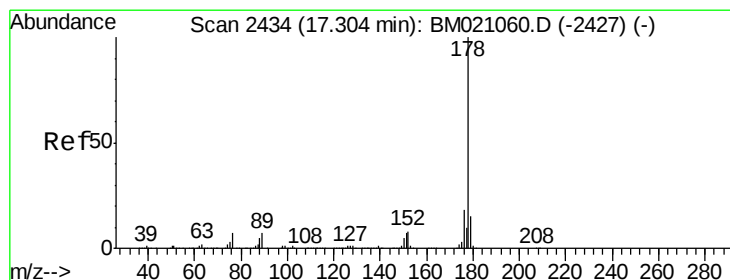
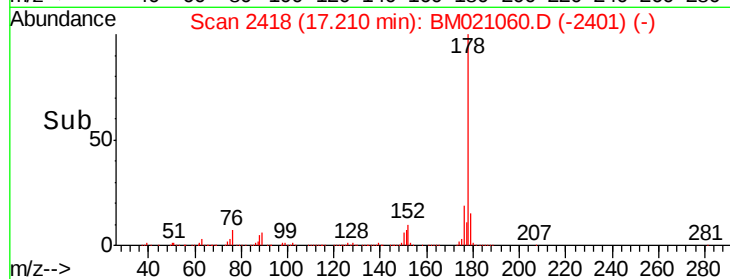
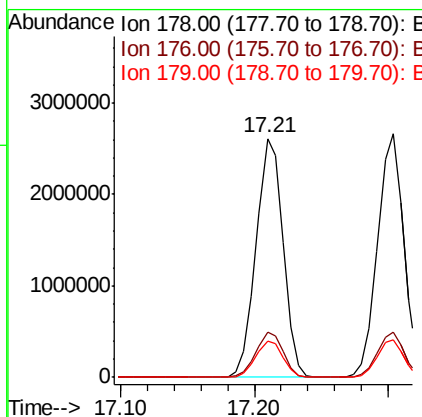
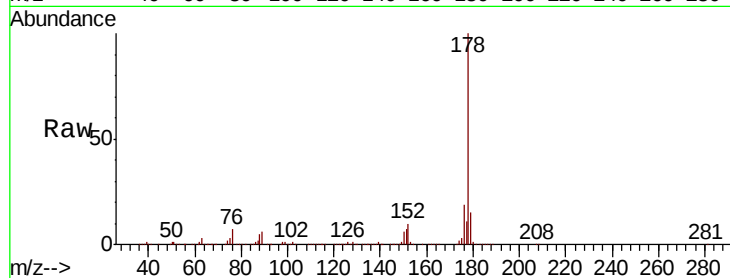
#71
Phenanthrene
Concen: 41.676 ng
RT: 17.21 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:178 Resp: 3622437
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.2 18.4

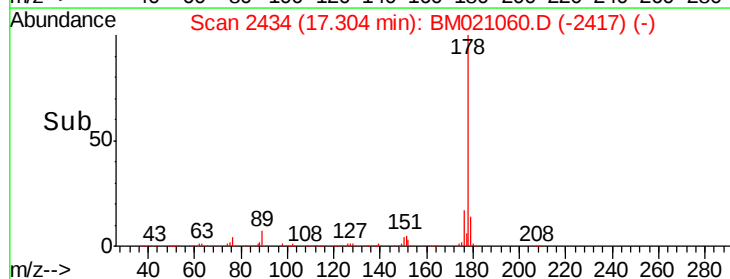
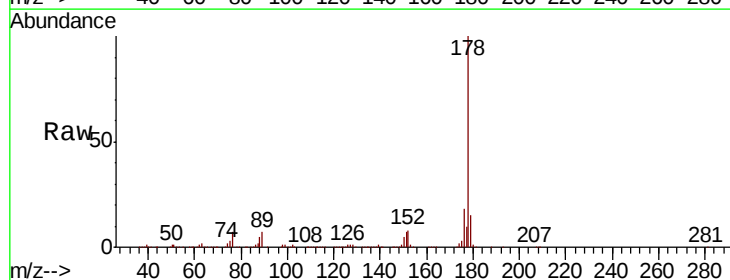
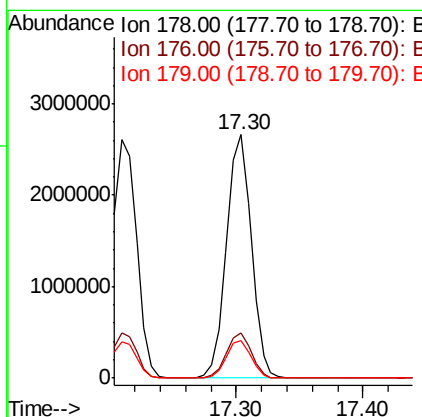
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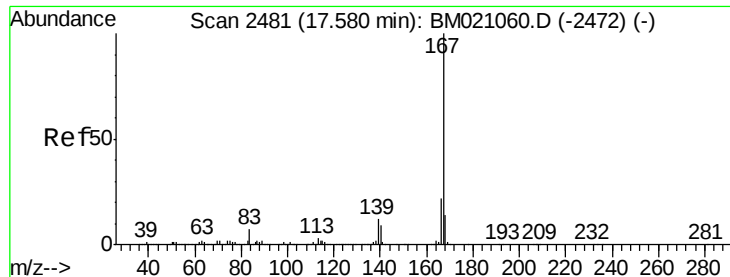
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#72
Anthracene
Concen: 41.434 ng
RT: 17.30 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:178 Resp: 3604561
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.2





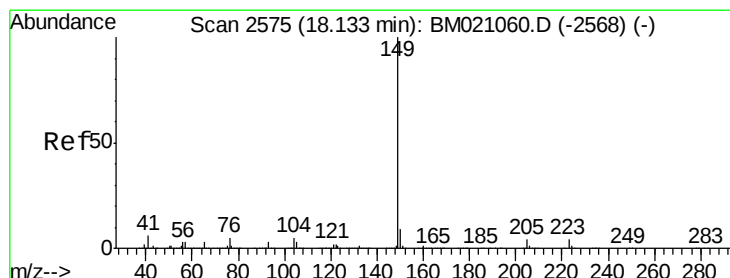
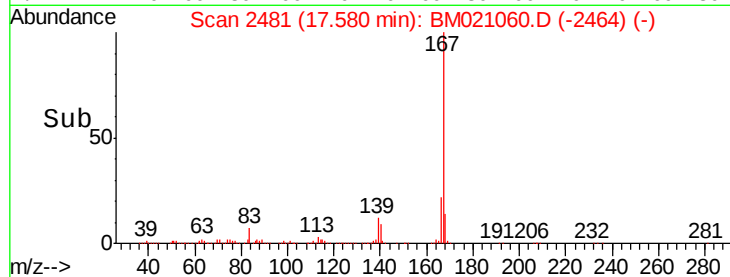
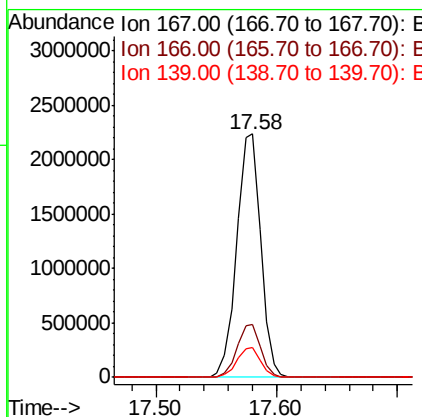
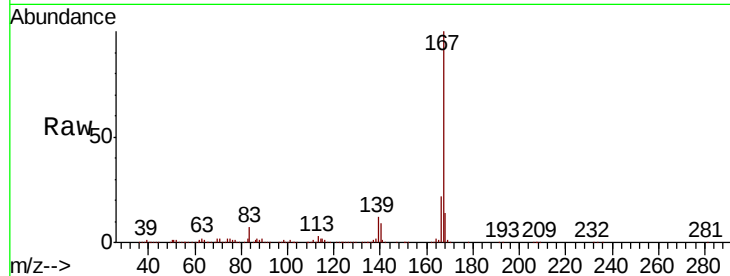
#73
 Carbazole
 Concen: 39.493 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Lower	Upper
3117774	167	100		
	166	21.8	17.4	26.2
	139	12.1	9.7	14.5

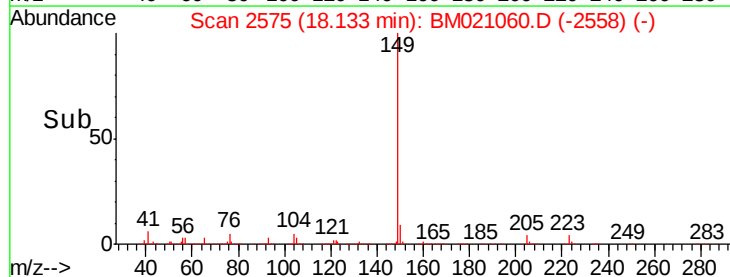
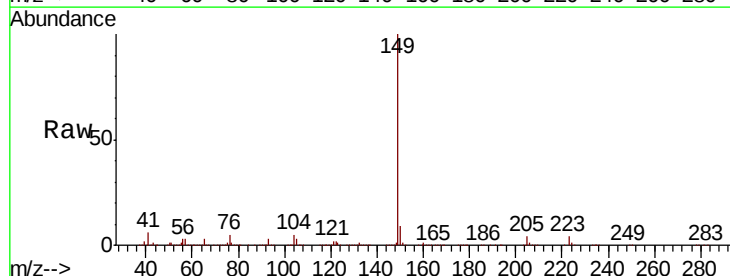
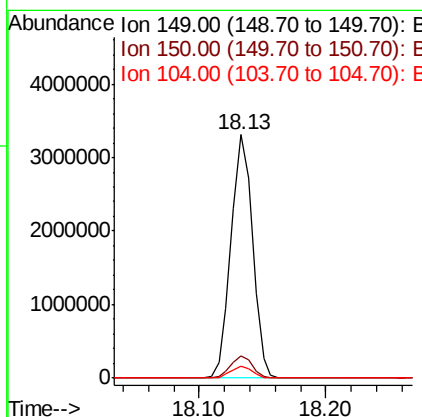
Manual Integrations
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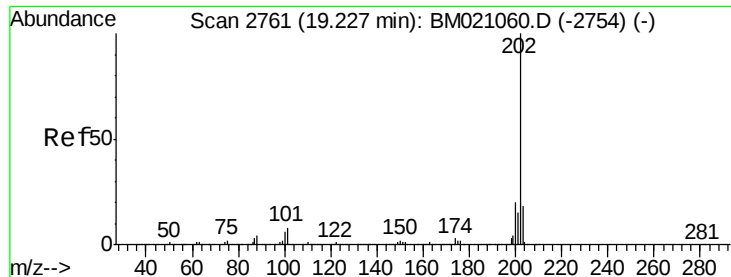
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#74
 Di-n-butylphthalate
 Concen: 37.955 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
3889623	149	100		
	150	9.2	7.4	11.0
	104	4.8	3.8	5.8





#75

Fluoranthene

Concen: 42.687 ng

RT: 19.23 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 4126216

Ion Ratio Lower Upper

202 100

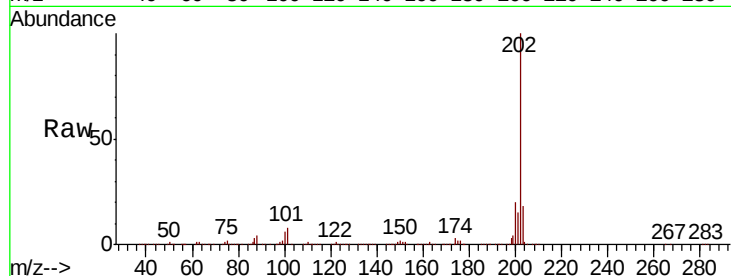
101 8.2 0.0 28.2

203 17.6 0.0 37.6

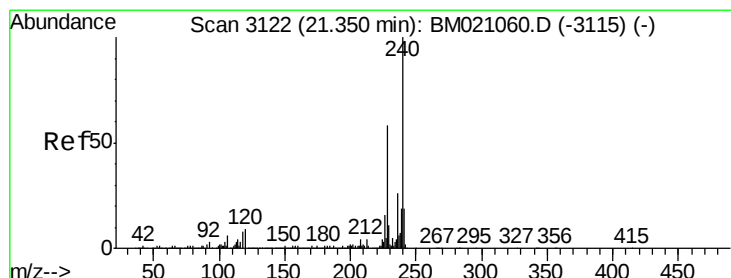
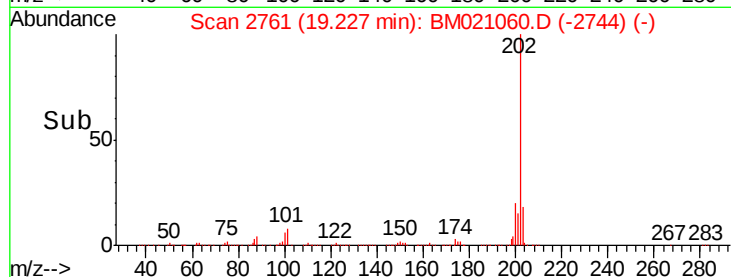
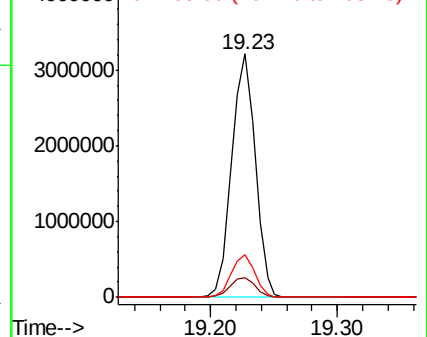
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

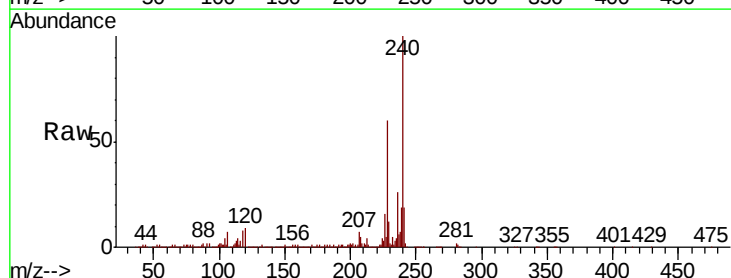
Tgt Ion:240 Resp: 1400394

Ion Ratio Lower Upper

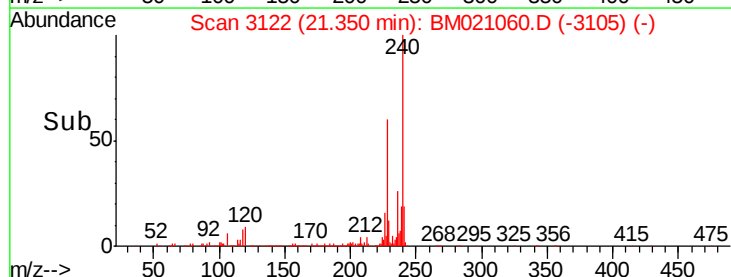
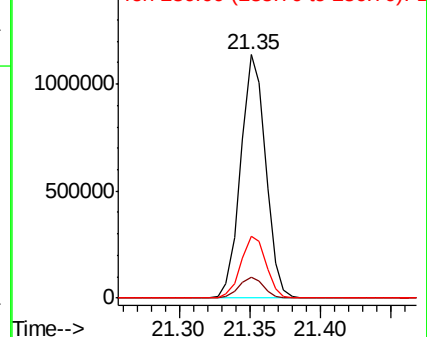
240 100

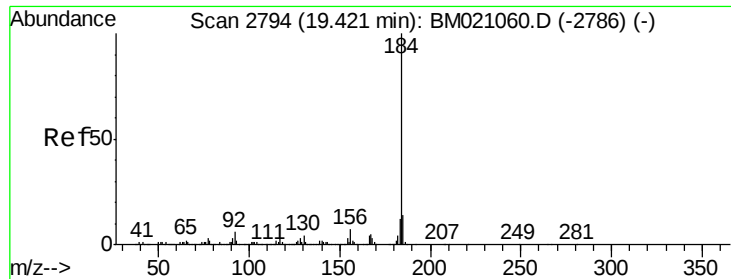
120 8.6 6.9 10.3

236 25.5 20.4 30.6



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





#77

Benzidine

Concen: 39.613 ng

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 1680927

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

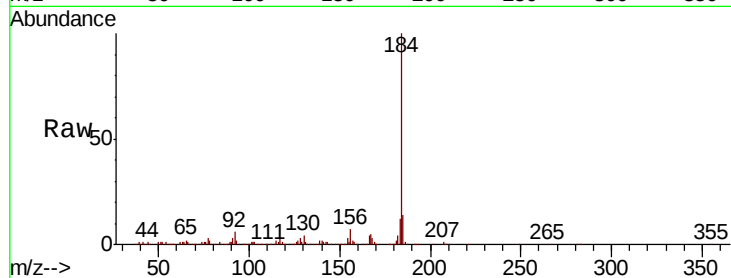
183 12.0 9.6 14.4

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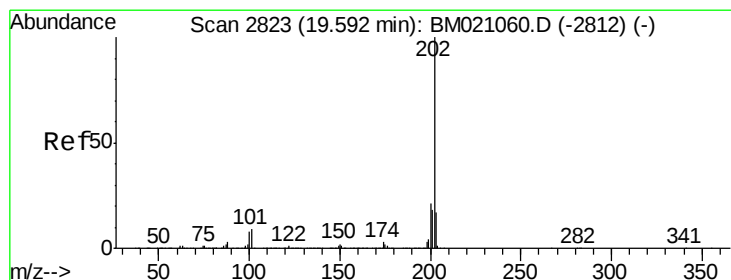
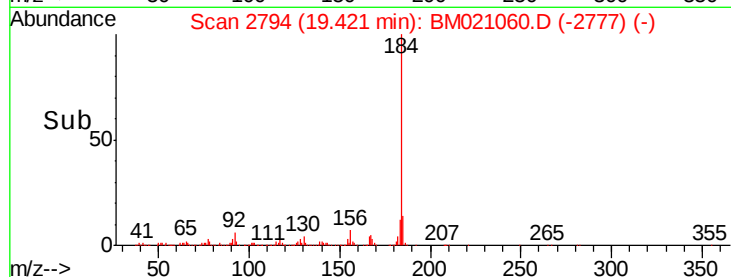
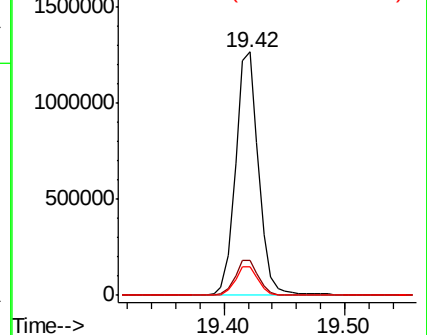
6/21/2019 10:01:44 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.118 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

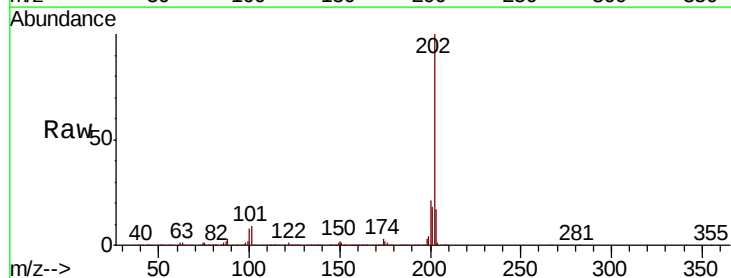
Tgt Ion:202 Resp: 4203798

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

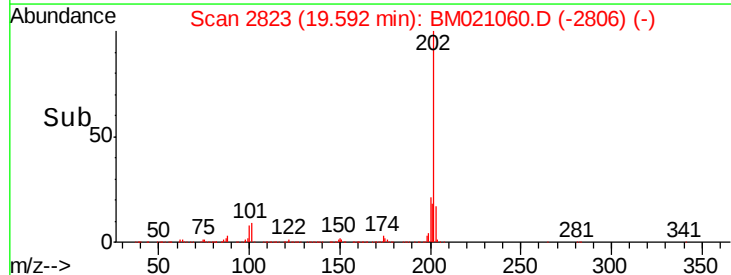
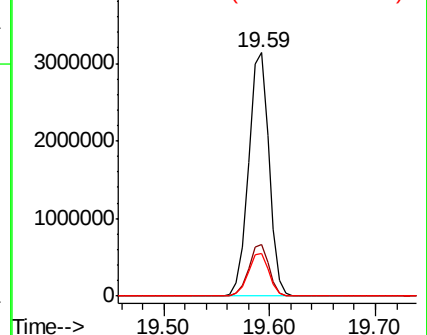
203 17.5 14.0 21.0

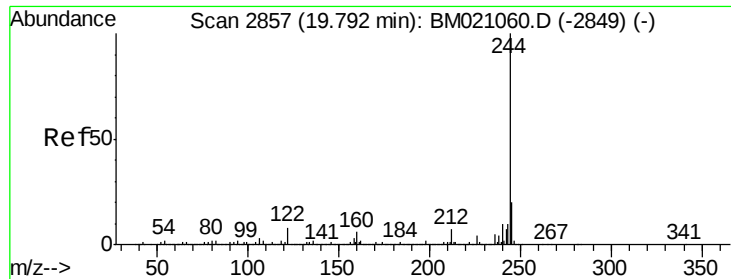


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





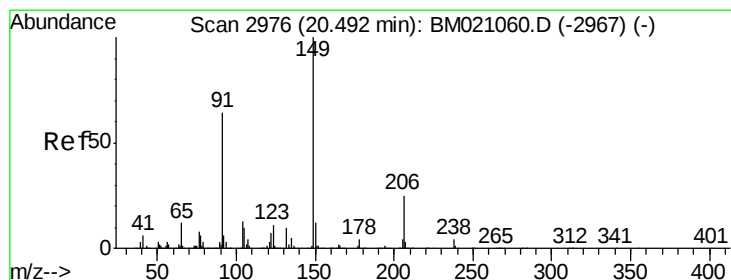
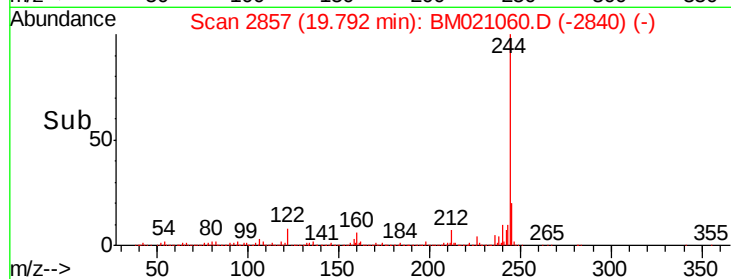
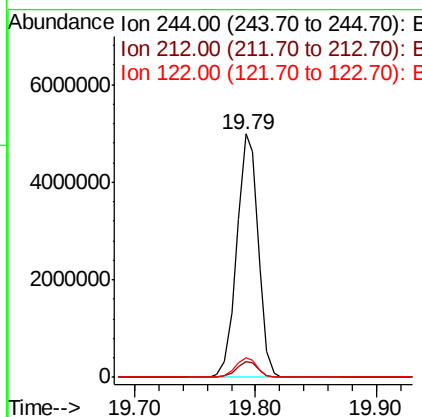
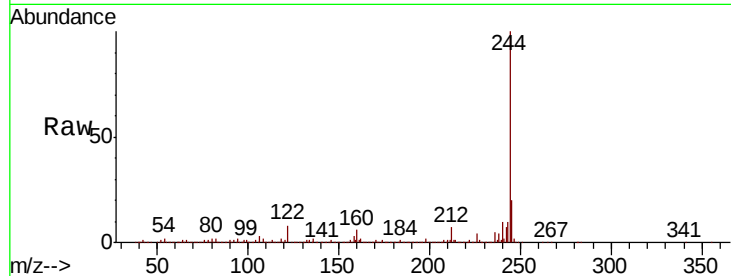
#79
 Terphenyl-d14
 Concen: 73.315 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	8.2	6.6	9.8

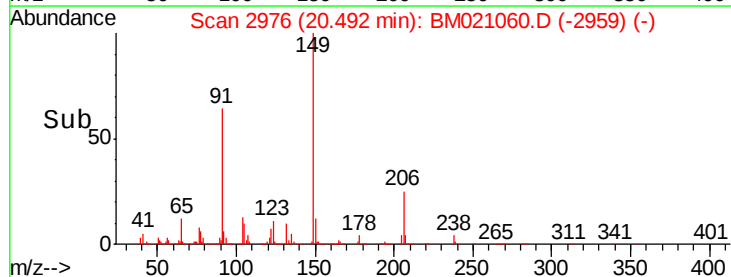
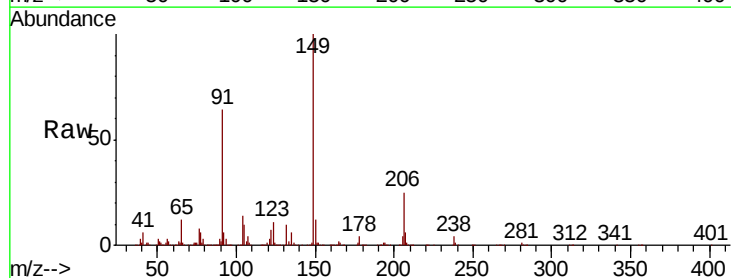
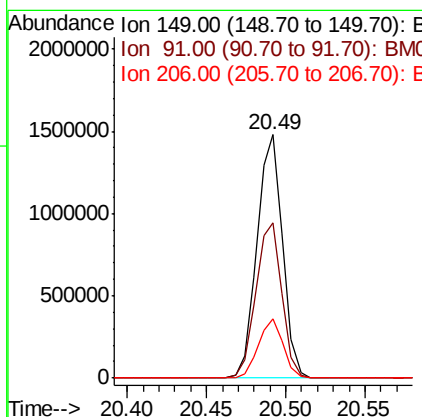
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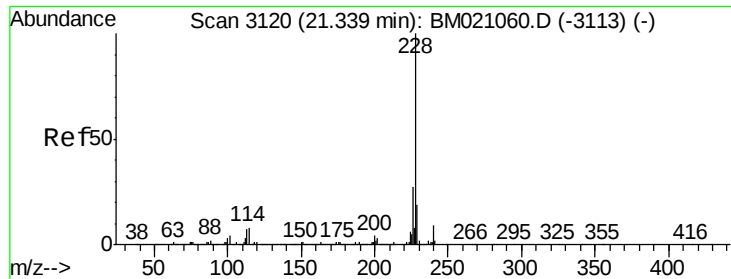
mohammad
 6/21/2019 10:01:44 PM



#80
 Butylbenzylphthalate
 Concen: 36.426 ng
 RT: 20.49 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.6	50.9	76.3
206	24.6	19.7	29.5





#81

Benzo(a)anthracene

Concen: 41.206 ng

RT: 21.34 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 4018499

Ion Ratio Lower Upper

228 100

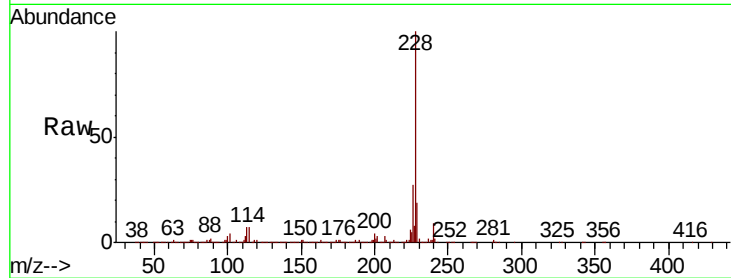
226 27.0 21.6 32.4

229 19.4 15.5 23.3

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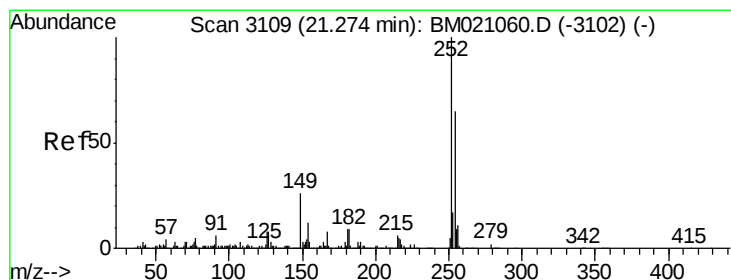
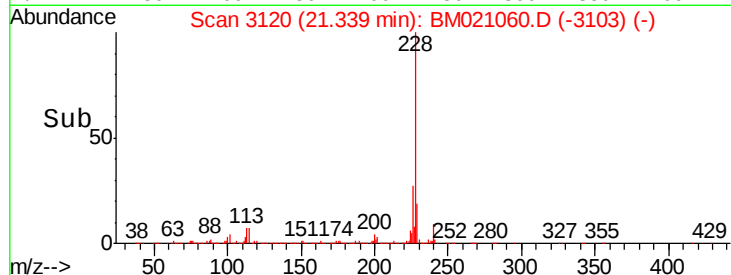
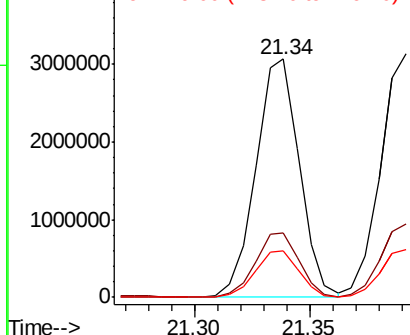


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.531 ng

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

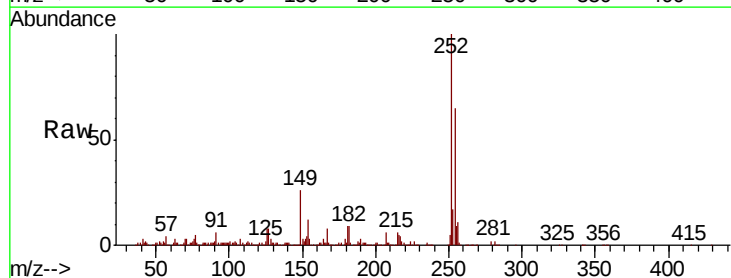
Tgt Ion:252 Resp: 1554562

Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 8.2 6.6 9.8

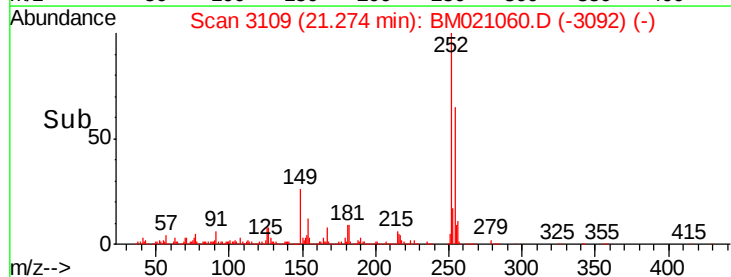
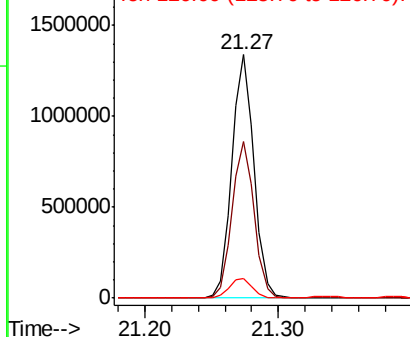


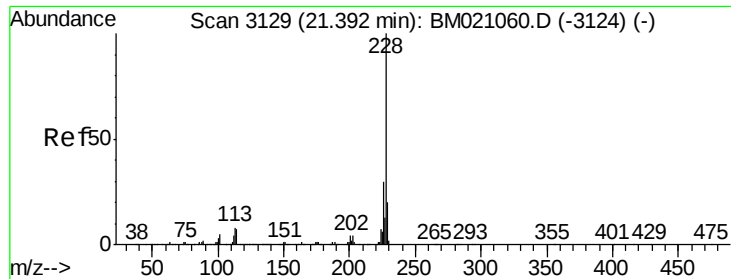
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





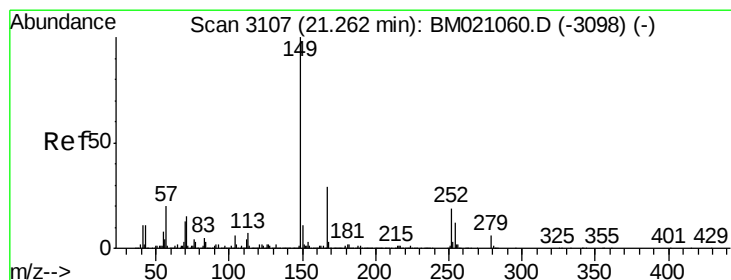
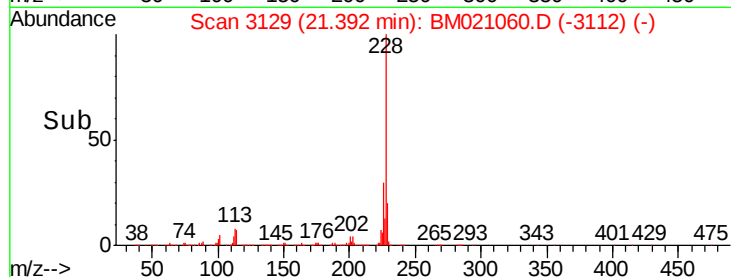
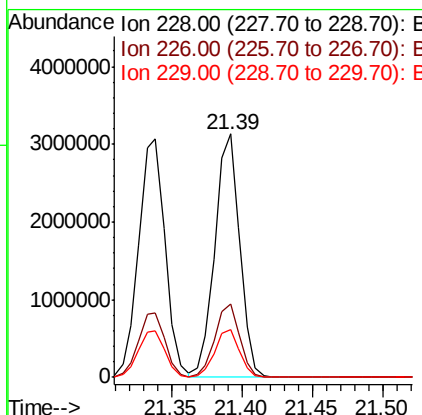
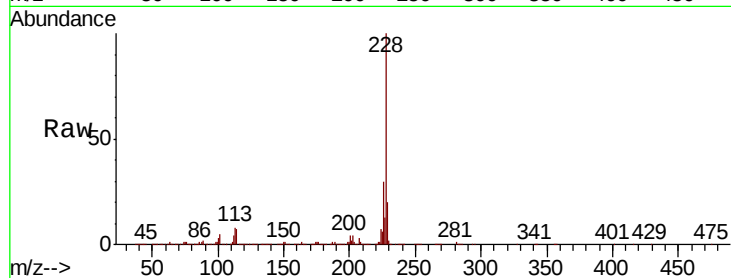
#83
 Chrvsene
 Concen: 41.430 ng
 RT: 21.39 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1CCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.5	15.6	23.4

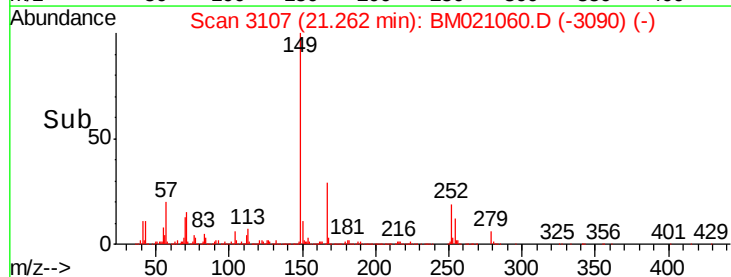
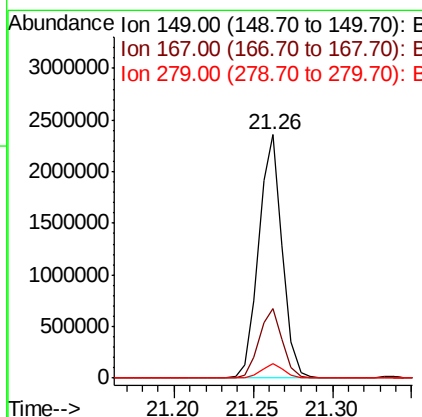
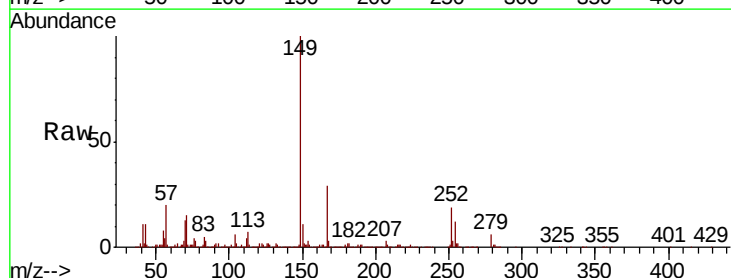
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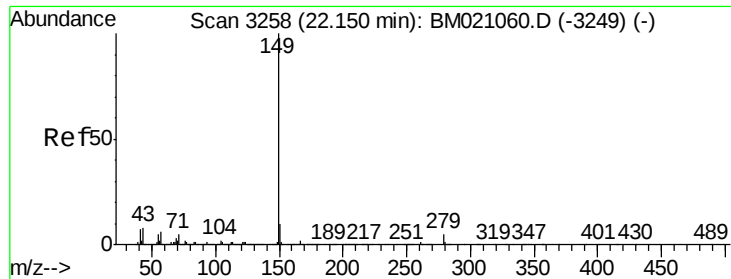
mohammad
 6/21/2019 10:01:44 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.717 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.8	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 38.101 ng

RT: 22.15 min Scan# 3258

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 3992607

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

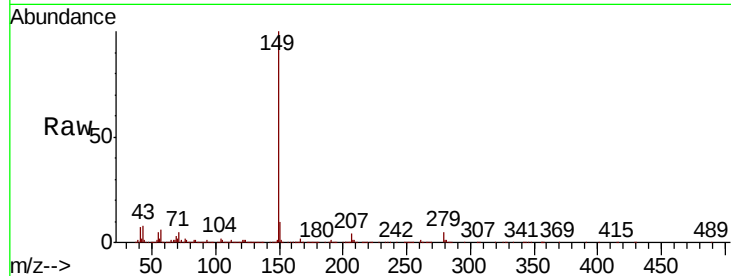
43 7.7 6.2 9.2

Manual Integrations

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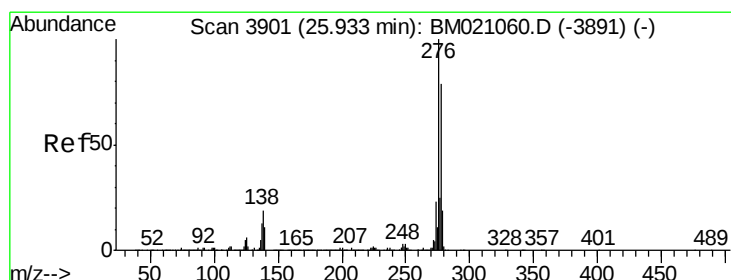
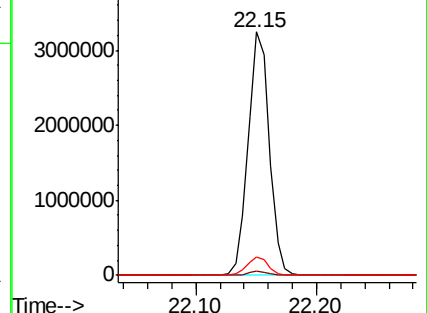
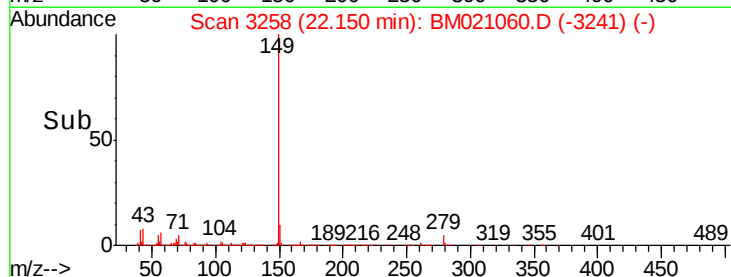
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.471 ng

RT: 25.93 min Scan# 3901

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

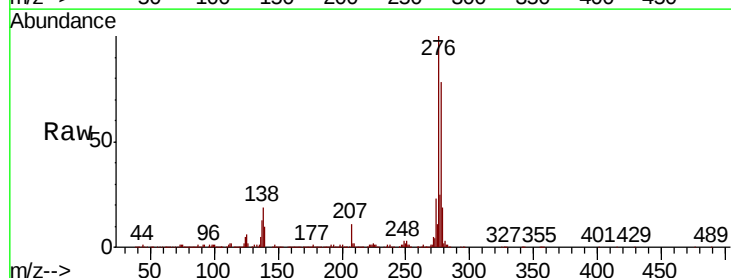
Tgt Ion:276 Resp: 4596818

Ion Ratio Lower Upper

276 100

138 19.2 15.4 23.0

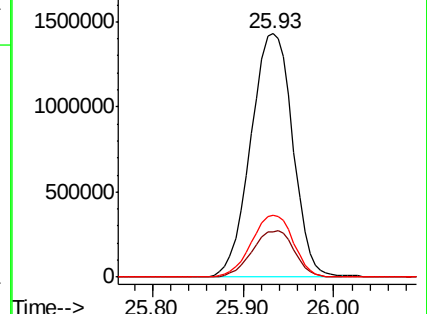
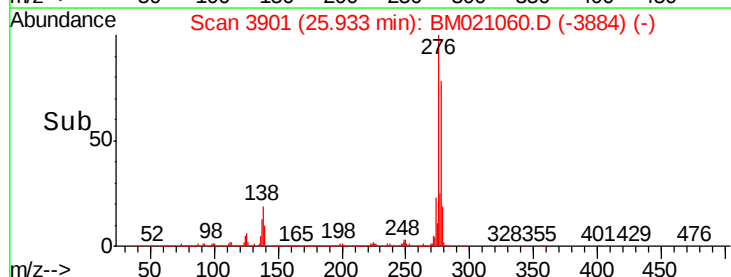
277 25.4 20.4 30.6

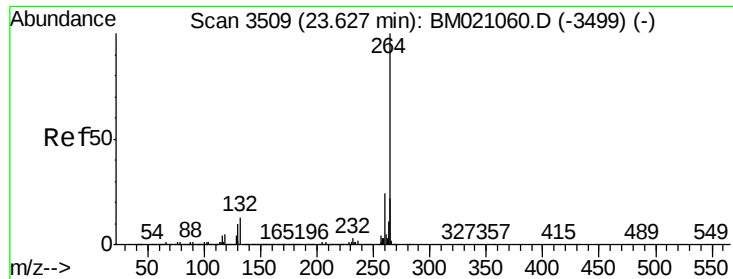


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:264 Resp: 1494480

Ion Ratio Lower Upper

264 100

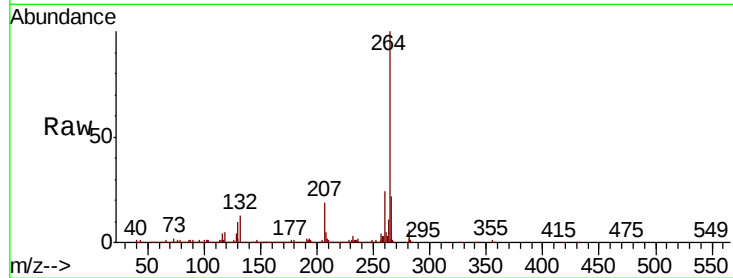
260 23.7 19.0 28.4

265 22.1 17.7 26.5

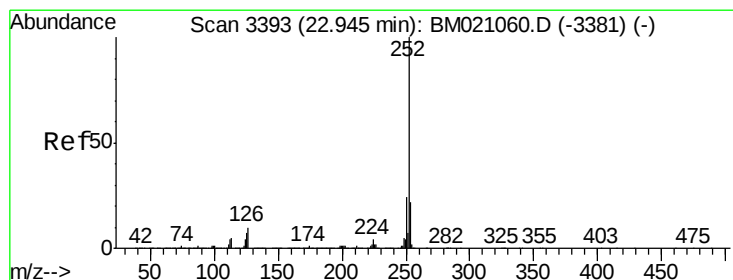
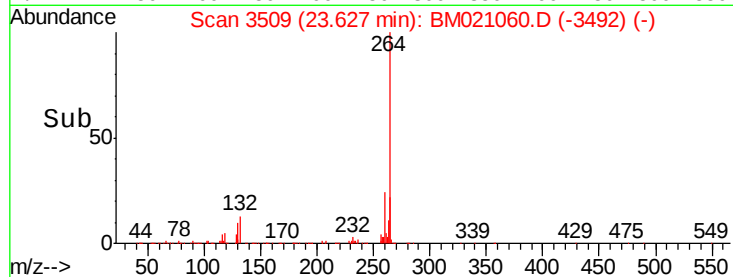
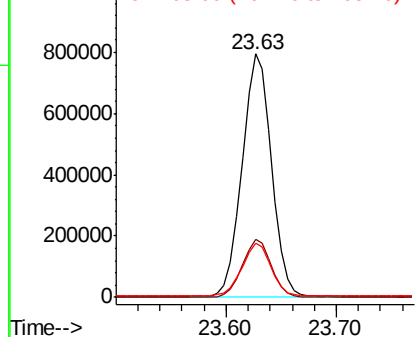
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.121 ng

RT: 22.94 min Scan# 3393

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

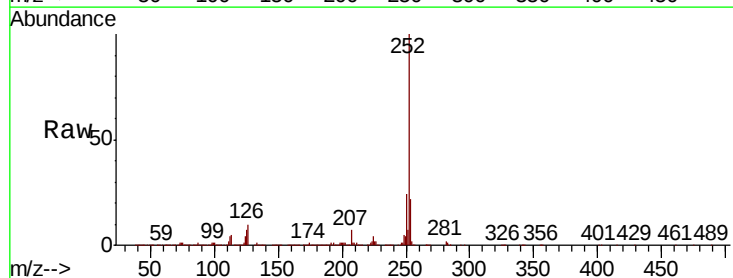
Tgt Ion:252 Resp: 4061808

Ion Ratio Lower Upper

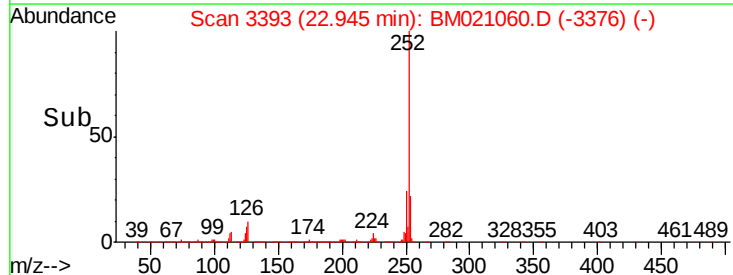
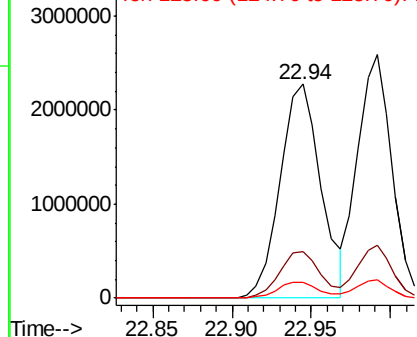
252 100

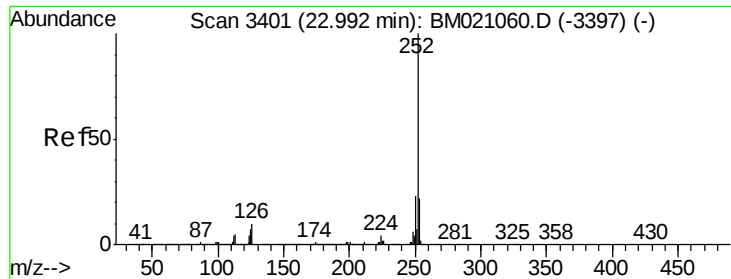
253 21.7 17.4 26.0

125 7.4 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





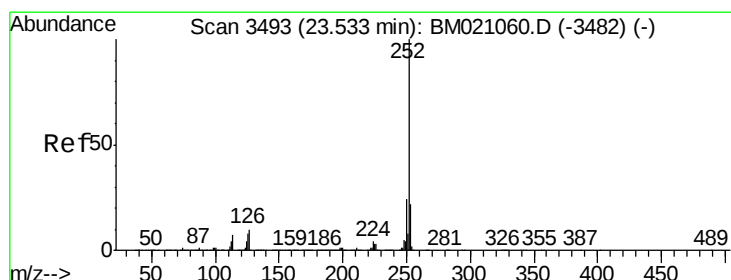
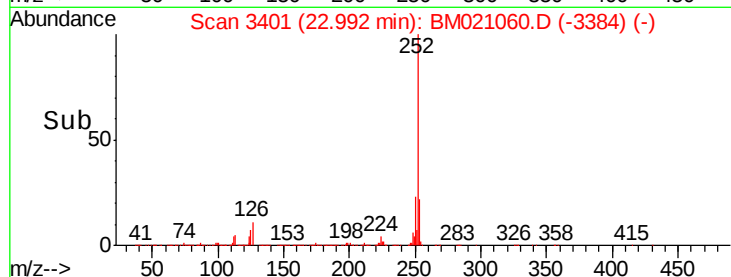
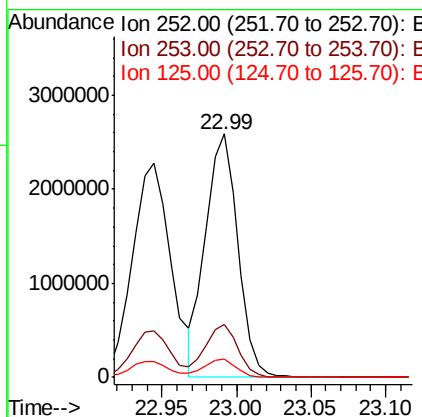
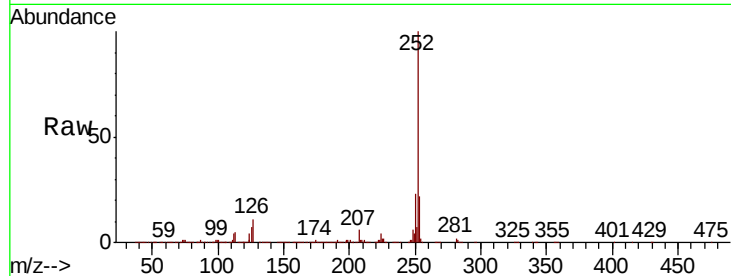
#89
Benzo(k)fluoranthene
Concen: 40.222 ng
RT: 22.99 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.4	5.9	8.9

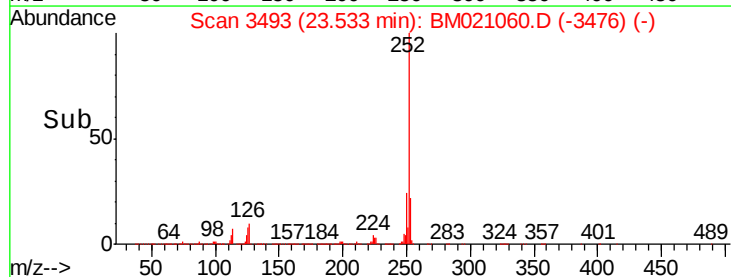
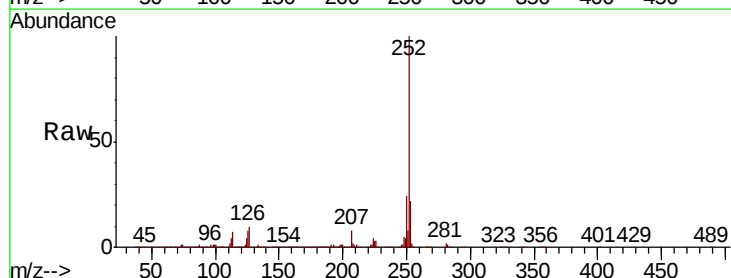
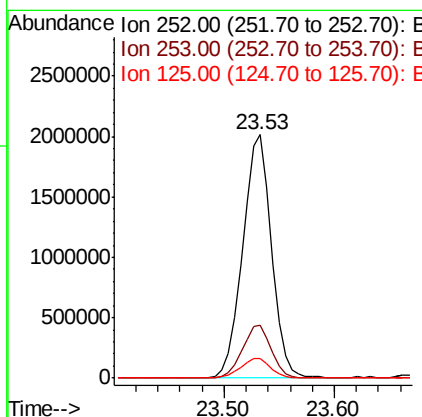
Manual Integrations
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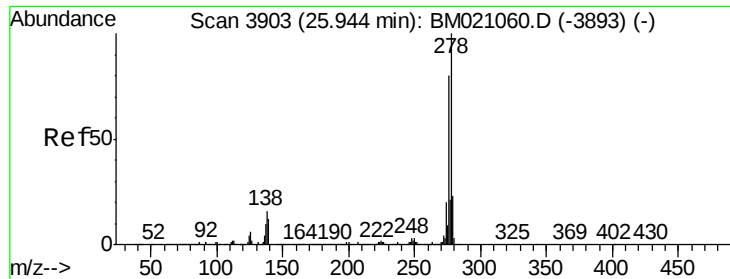
mohammad
6/21/2019 10:01:44 PM



#90
Benzo(a)pyrene
Concen: 41.130 ng
RT: 23.53 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.3	6.6	10.0





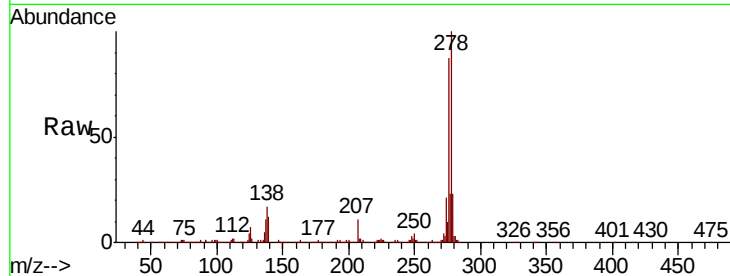
#91
Dibenzo(a,h)anthracene
Concen: 44.030 ng
RT: 25.94 min Scan# 3903
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

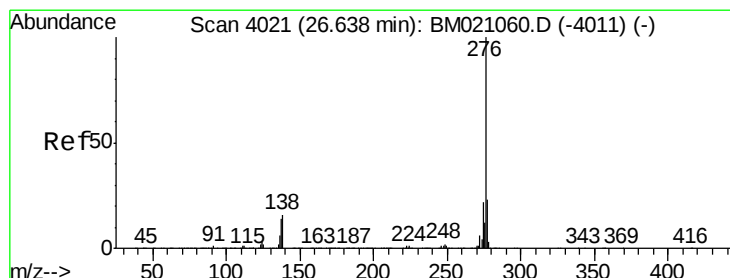
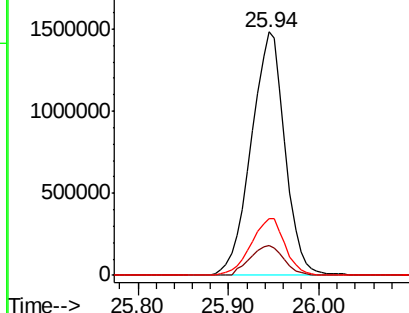
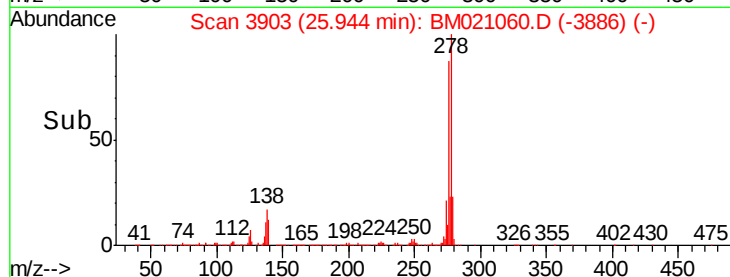
Tot Ion:278 Resp: 3827177
Ion Ratio Lower Upper
278 100
139 12.3 9.8 14.8
279 23.4 18.7 28.1

Manual Integrations
APPROVED

mohammad
6/21/2019 10:01:44 PM

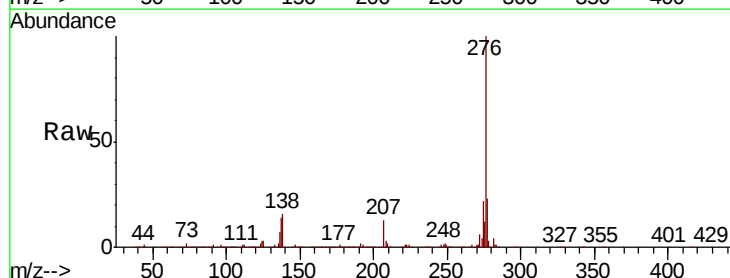


Abundance Ion 278.00 (277.70 to 278.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.509 ng
RT: 26.64 min Scan# 4021
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:276 Resp: 3593539
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 16.4 13.1 19.7



Abundance Ion 276.00 (275.70 to 276.70): E
1500000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

