

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
 Data File : BM020627.D
 Acq On : 31 May 2019 12:24
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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mohammad
 6/3/2019 8:48:33 AM

Quant Time: May 31 14:25:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 13:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	217356	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1041466	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	626818	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1409108	20.00	ng	0.00
76) Chrysene-d12	21.40	240	1155732	20.00	ng	0.00
87) Perylene-d12	23.69	264	1061433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	983676	80.51	ng	0.00
7) Phenol-d6	6.99	99	1461877	83.86	ng	0.00
23) Nitrobenzene-d5	9.00	82	1604802	83.13	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	621761	78.61	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3736327	77.69	ng	0.00
79) Terphenyl-d14	19.84	244	5789776	87.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	200697	39.890	ng	100
3) Pyridine	3.75	79	664031	43.420	ng	100
4) n-Nitrosodimethylamine	3.66	42	274759	42.318	ng	100
6) Aniline	7.17	93	1065027	42.253	ng	100
8) 2-Chlorophenol	7.40	128	616507	41.166	ng	100
9) Benzaldehyde	6.98	77	431821	42.493	ng	100
10) Phenol	7.02	94	792308	42.167	ng	100
11) bis(2-Chloroethyl)ether	7.26	93	632995	42.387	ng	100
12) 1,3-Dichlorobenzene	7.72	146	703778	39.923	ng	100
13) 1,4-Dichlorobenzene	7.87	146	720590	40.362	ng	100
14) 1,2-Dichlorobenzene	8.19	146	698397	40.371	ng	100
15) Benzyl Alcohol	8.07	79	650722	42.702	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.37	45	980775	44.242	ng	100
17) 2-Methylphenol	8.27	107	558070	42.723	ng	100
18) Hexachloroethane	8.91	117	277544	41.116	ng	100
19) n-Nitroso-di-n-propylamine	8.65	70	600075	44.534	ng	100
20) 3+4-Methylphenols	8.60	107	765437	43.020	ng	100
22) Acetophenone	8.66	105	1056045	40.277	ng	100
24) Nitrobenzene	9.04	77	819366	41.376	ng	100
25) Isophorone	9.56	82	1612013	41.088	ng	100
26) 2-Nitrophenol	9.75	139	301033	41.156	ng	100
27) 2,4-Dimethylphenol	9.80	122	568733	39.635	ng	100
28) bis(2-Chloroethoxy)methane	10.05	93	968922	41.080	ng	100
29) 2,4-Dichlorophenol	10.27	162	631903	39.394	ng	100
30) 1,2,4-Trichlorobenzene	10.49	180	717652	37.914	ng	100
31) Naphthalene	10.68	128	2129329	39.747	ng	100
32) Benzoic acid	9.94	122	338463m	49.357	ng	
33) 4-Chloroaniline	10.79	127	1004086	40.978	ng	100
34) Hexachlorobutadiene	10.96	225	425789	36.504	ng	100
35) Caprolactam	11.58	113	224908	41.904	ng	100
36) 4-Chloro-3-methylphenol	11.90	107	742338	41.906	ng	100
37) 2-Methylnaphthalene	12.29	142	1591964	40.539	ng	100
38) 1-Methylnaphthalene	12.51	142	1515403	40.686	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	800820	36.877	ng	100

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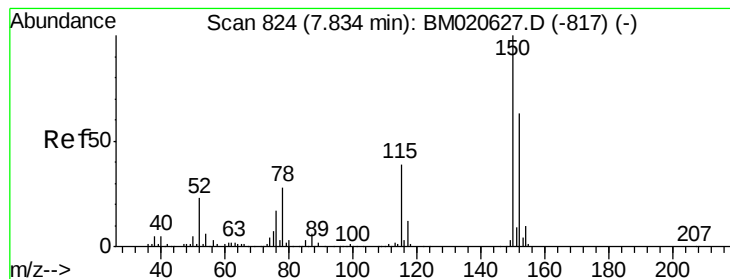
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	481604	37.532	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	530386	39.871	ng	100
44) 2,4,5-Trichlorophenol	12.96	196	545421	40.303	ng	100
46) 1,1'-Biphenyl	13.30	154	2083991	39.279	ng	100
47) 2-Chloronaphthalene	13.35	162	1668016	39.056	ng	100
48) 2-Nitroaniline	13.55	65	543019	47.862	ng	100
49) Acenaphthylene	14.19	152	2654883	40.069	ng	100
50) Dimethylphthalate	13.94	163	2162649	40.480	ng	100
51) 2,6-Dinitrotoluene	14.05	165	438205	42.689	ng	100
52) Acenaphthene	14.54	154	1583172	40.092	ng	100
53) 3-Nitroaniline	14.38	138	499550	44.426	ng	100
54) 2,4-Dinitrophenol	14.58	184	156439	49.146	ng	100
55) Dibenzofuran	14.87	168	2438698	39.831	ng	100
56) 4-Nitrophenol	14.67	139	370226	44.339	ng	100
57) 2,4-Dinitrotoluene	14.84	165	598558	44.361	ng	100
58) Fluorene	15.52	166	2018570	40.239	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	482890	40.764	ng	100
60) Diethylphthalate	15.30	149	2261116	41.366	ng	100
61) 4-Chlorophenyl-phenylether	15.52	204	1053475	39.178	ng	100
62) 4-Nitroaniline	15.54	138	528585	44.343	ng	100
63) Azobenzene	15.81	77	2168641	42.362	ng	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	225652	46.640	ng	100
66) n-Nitrosodiphenylamine	15.73	169	1770821	39.168	ng	100
67) 4-Bromophenyl-phenylether	16.41	248	642236	37.164	ng	100
68) Hexachlorobenzene	16.52	284	749525	37.869	ng	100
69) Atrazine	16.69	200	594429	41.645	ng	100
70) Pentachlorophenol	16.86	266	370631	40.659	ng	100
71) Phenanthrene	17.26	178	3153792	39.719	ng	100
72) Anthracene	17.35	178	3169383	39.785	ng	100
73) Carbazole	17.62	167	2897314	40.047	ng	100
74) Di-n-butylphthalate	18.19	149	3818249	40.570	ng	100
75) Fluoranthene	19.27	202	3541525	39.306	ng	100
77) Benzidine	19.46	184	1601620	42.191	ng	100
78) Pyrene	19.63	202	3597094	42.230	ng	100
80) Butylbenzylphthalate	20.54	149	1532973	43.010	ng	100
81) Benzo(a)anthracene	21.38	228	3201857	39.954	ng	100
82) 3,3'-Dichlorobenzidine	21.32	252	1186983	39.061	ng	100
83) Chrysene	21.43	228	3054985	40.057	ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	2225872	42.545	ng	100
85) Di-n-octyl phthalate	22.22	149	3426538	39.117	ng	100
86) Indeno(1,2,3-cd)pyrene	26.02	276	2853864	32.056	ng	100
88) Benzo(b)fluoranthene	23.00	252	2825064	40.978	ng	100
89) Benzo(k)fluoranthene	23.04	252	2714620	41.119	ng	100
90) Benzo(a)pyrene	23.59	252	2511512	39.638	ng	100
91) Dibenzo(a,h)anthracene	26.04	278	2372382	37.059	ng	100
92) Benzo(g,h,i)perylene	26.73	276	2211793	36.687	ng	100

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



#1

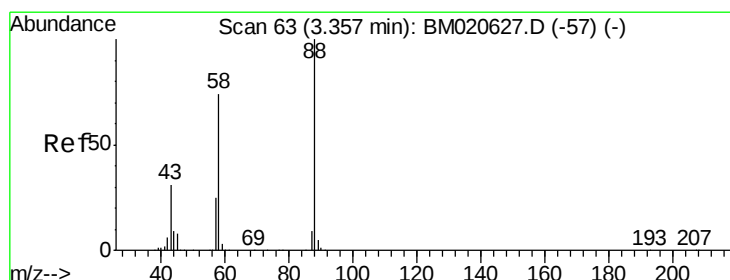
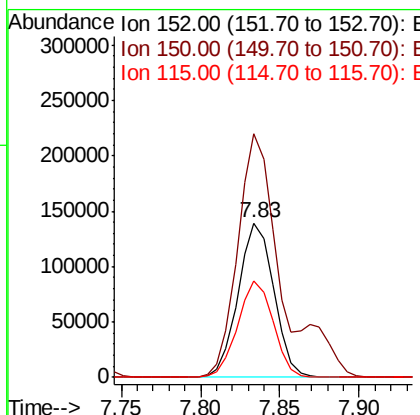
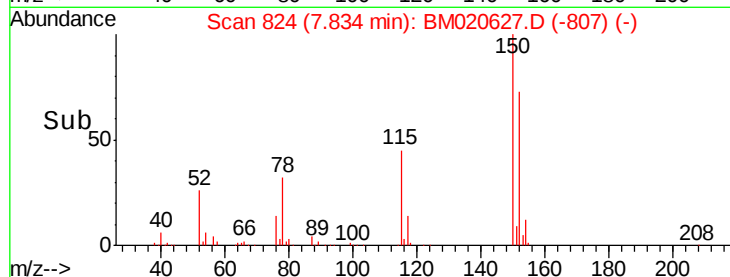
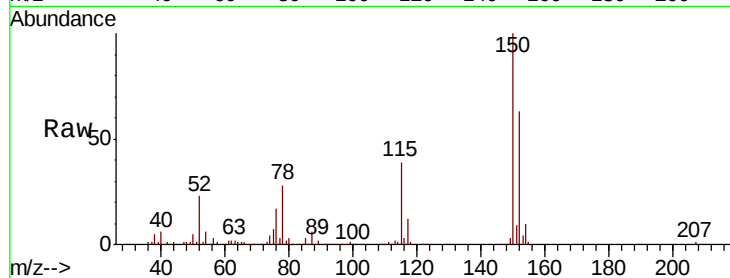
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.0	189.0
115	62.0	49.6	74.4

Manual Integrations
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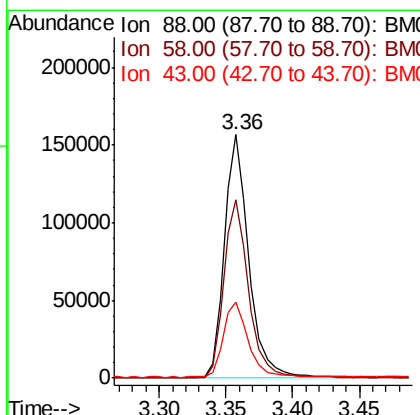
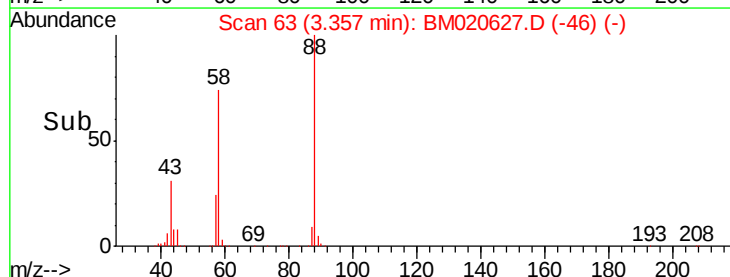
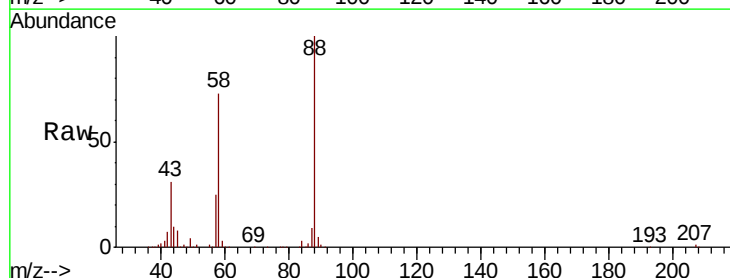
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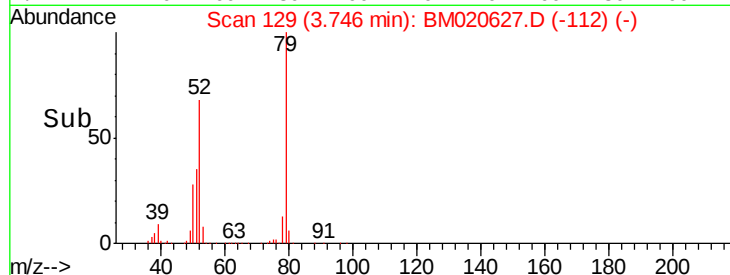
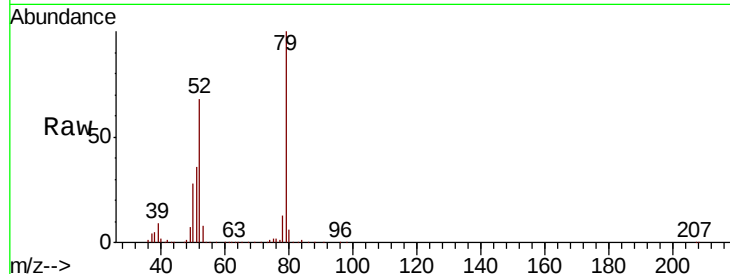
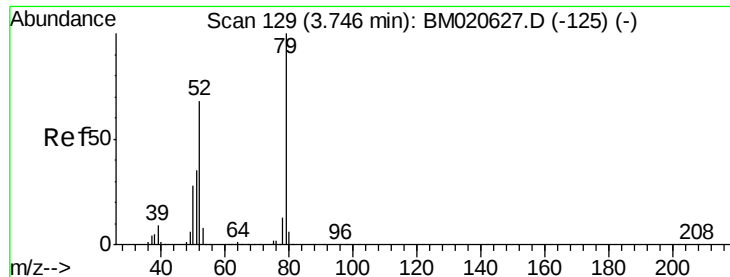


#2

1,4-Dioxane
Concen: 39.890 ng
RT: 3.36 min Scan# 63
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	60.2	90.4
43	31.6	25.3	37.9





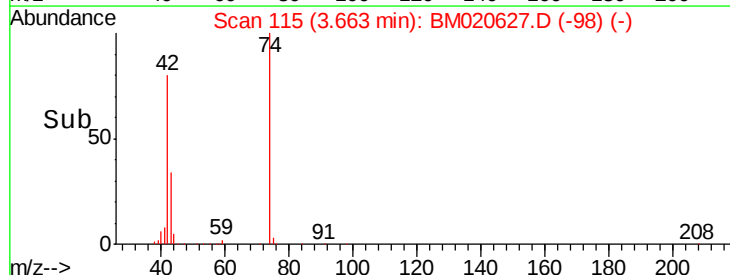
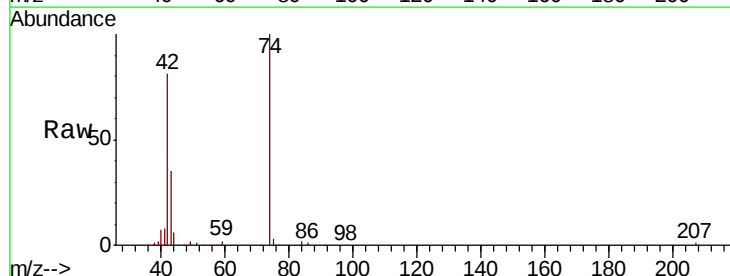
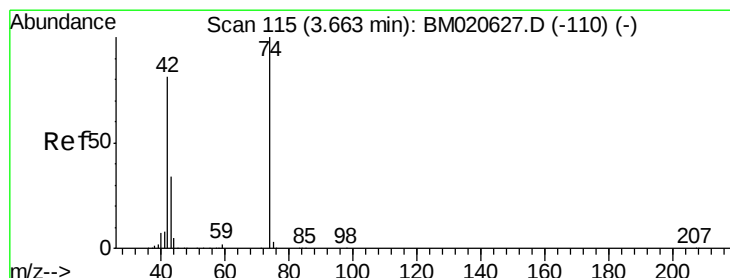
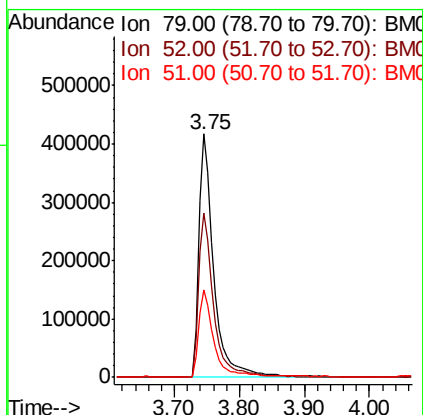
#3
 Pvridine
 Concen: 43.420 ng
 RT: 3.75 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tot Ion	Ratio	Resp	Lower	Upper
79	100	664031		
52	67.6		54.1	81.1
51	35.7		28.6	42.8

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

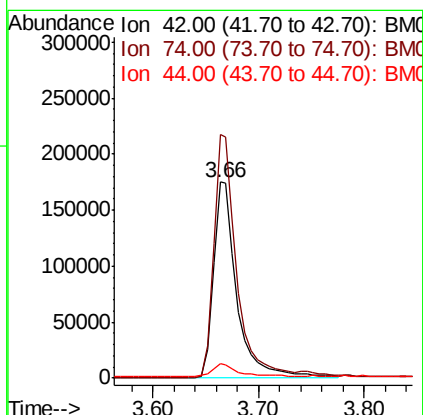
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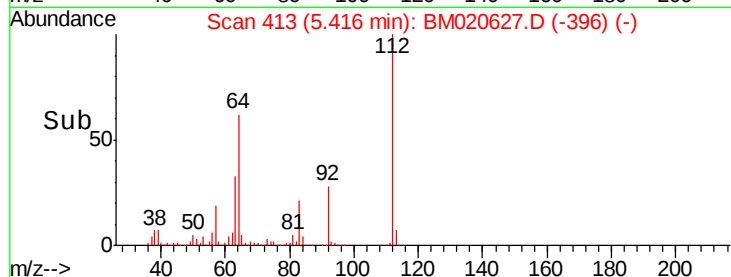
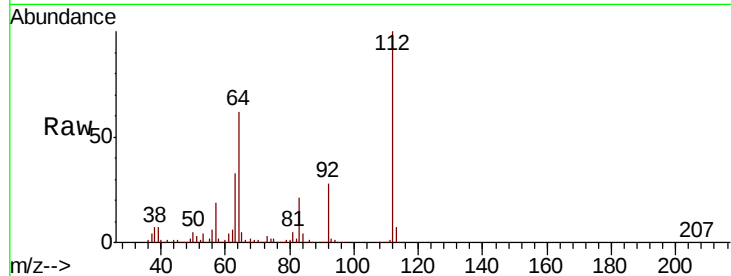
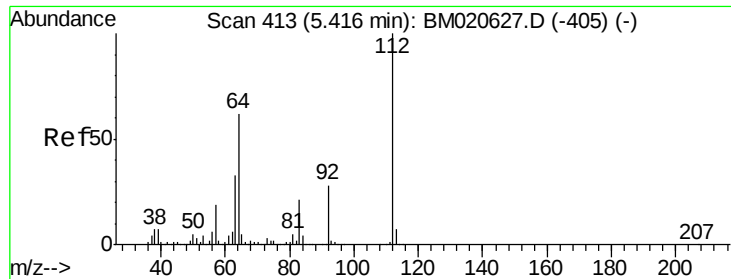
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#4
 n-Nitrosodimethylamine
 Concen: 42.318 ng
 RT: 3.66 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	274759		
74	124.2		99.4	149.0
44	7.3		5.8	8.8





#5

2-Fluorophenol

Concen: 80.509 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

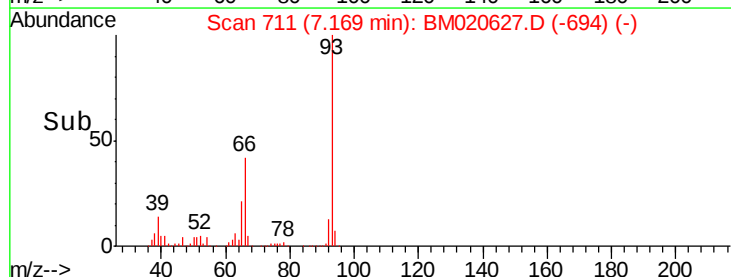
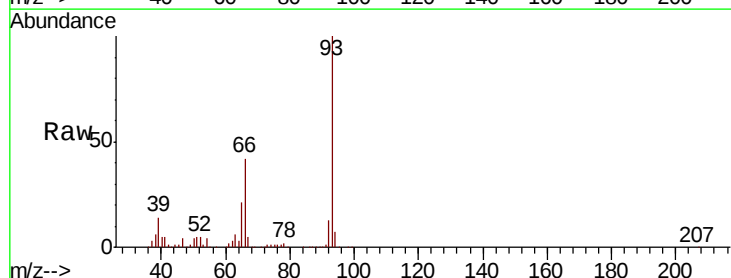
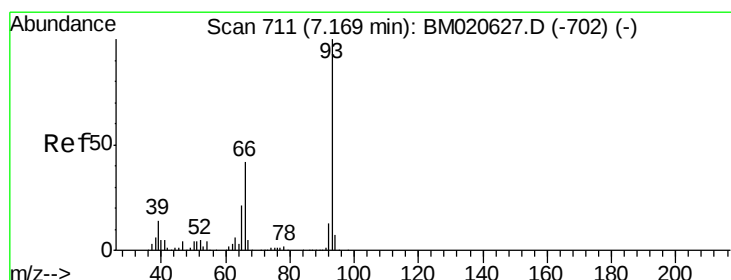
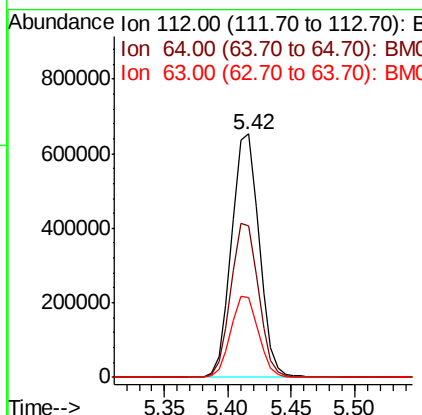
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	983676		
64	62.1		49.7	74.5
63	33.0		26.4	39.6

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#6

Aniline

Concen: 42.253 ng

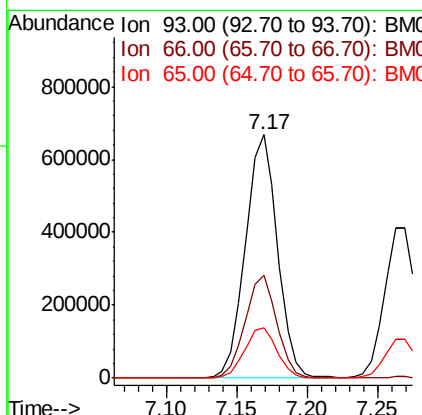
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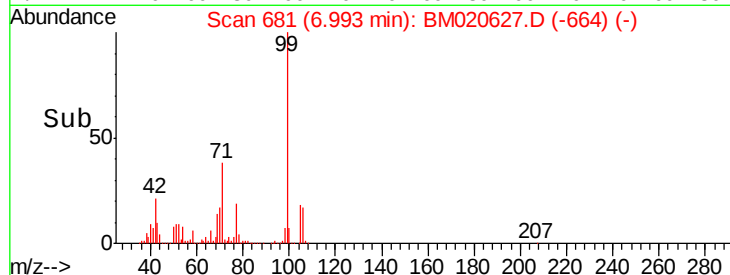
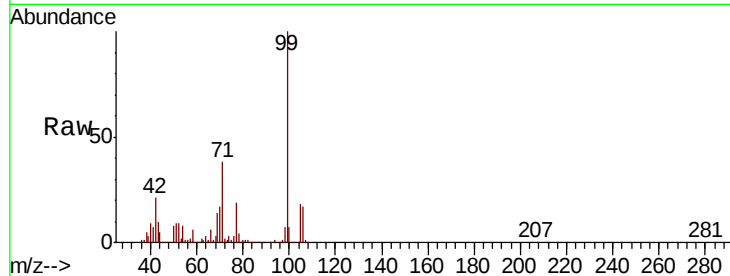
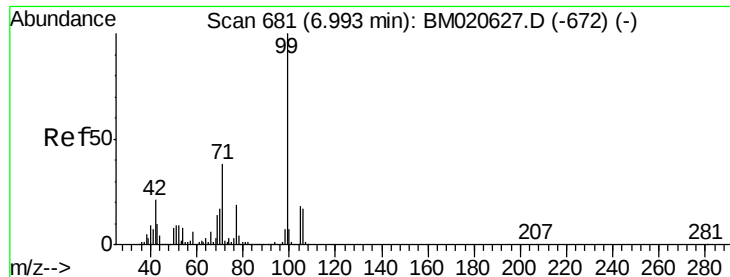
Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1065027		
66	42.0		33.6	50.4
65	20.9		16.7	25.1





#7

Phenol-d6

Concen: 83.855 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tot Ion:	99	Resp:	1461877
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.5	24.7
71	38.4	30.7	46.1

Instrument :

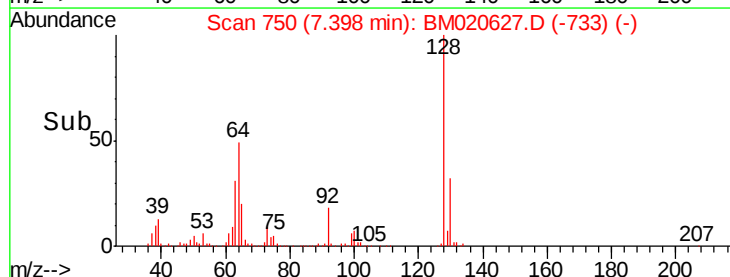
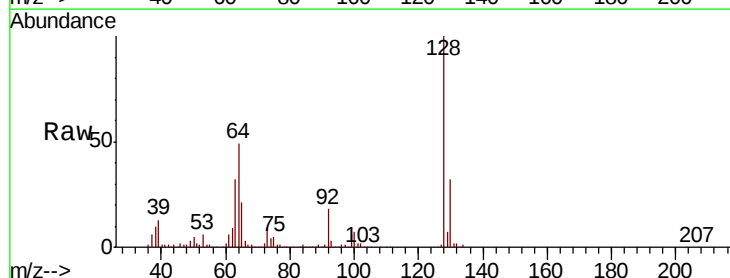
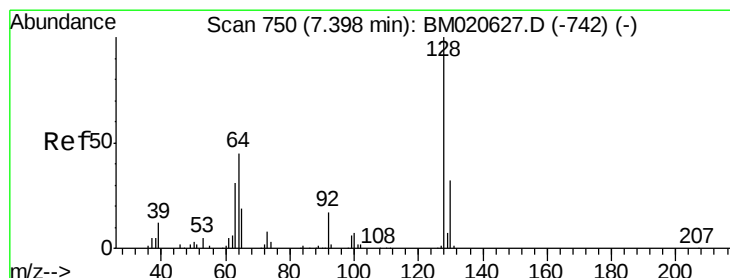
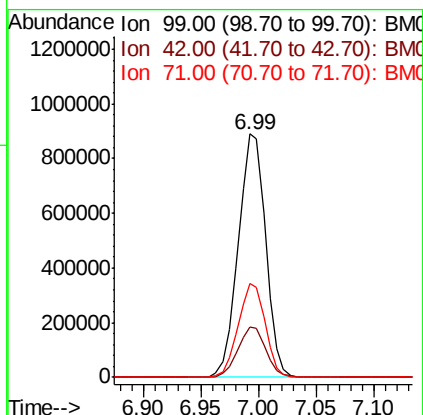
BNA_M

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#8

2-Chlorophenol

Concen: 41.166 ng

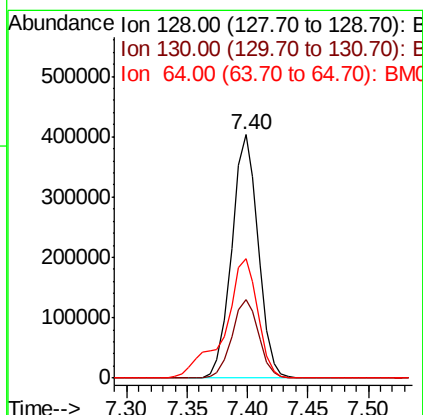
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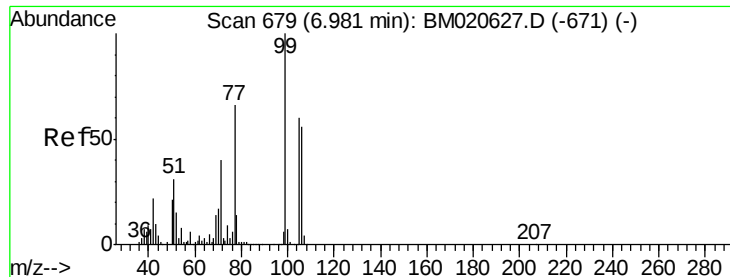
Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion:	128	Resp:	616507
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	49.1	29.1	69.1





#9

Benzaldehyde

Concen: 42.493 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

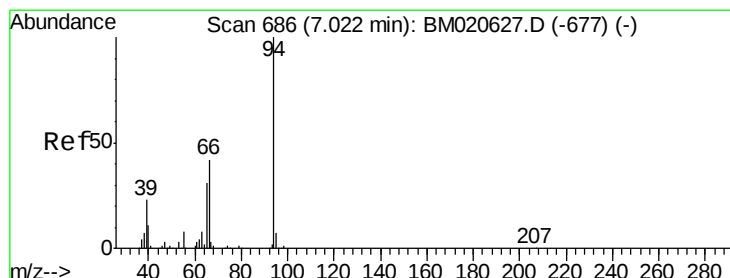
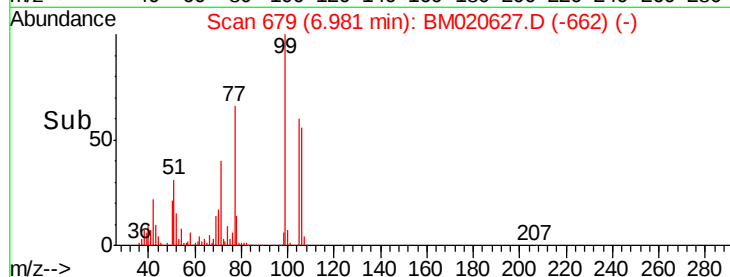
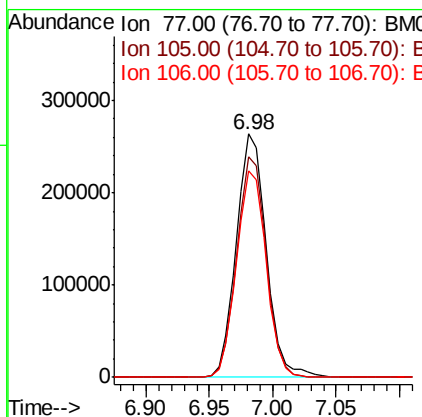
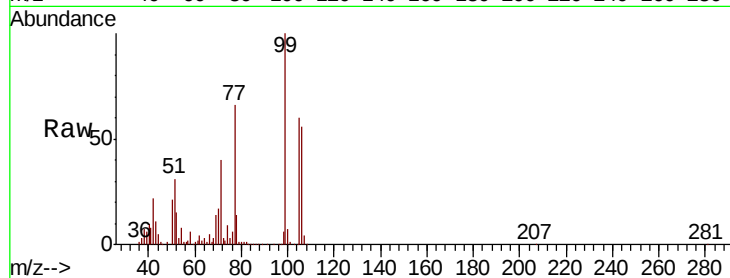
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	431821
Ion Ratio	Lower	Upper	
77	100		
105	90.6	70.6	110.6
106	84.9	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 42.167 ng

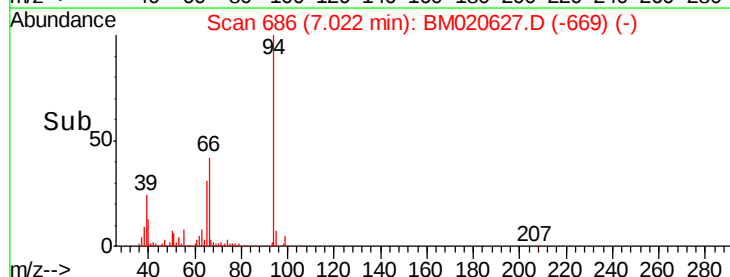
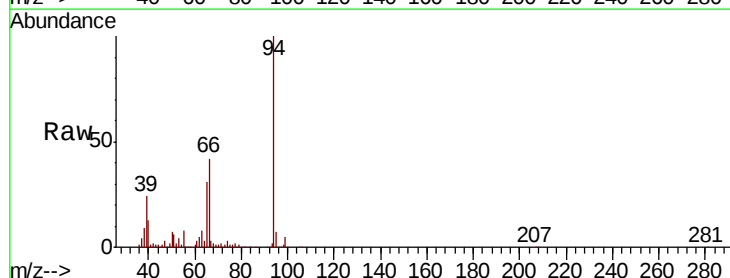
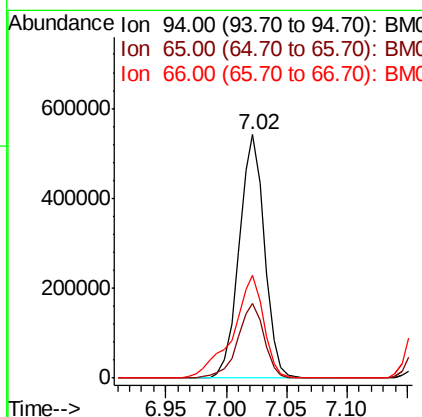
RT: 7.02 min Scan# 686

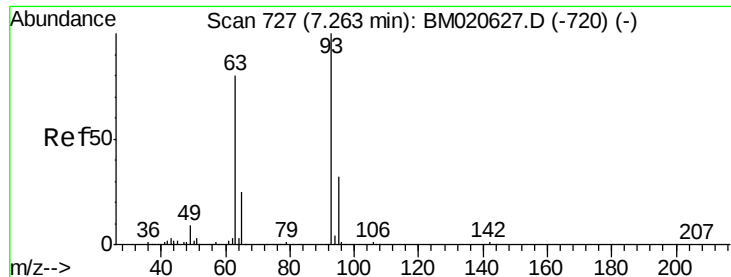
Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion:	94	Resp:	792308
Ion Ratio	Lower	Upper	
94	100		
65	30.7	10.7	50.7
66	42.3	22.3	62.3





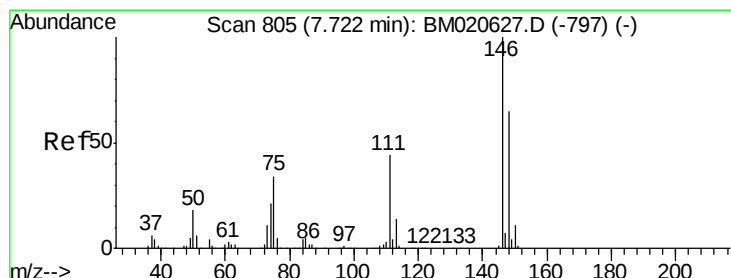
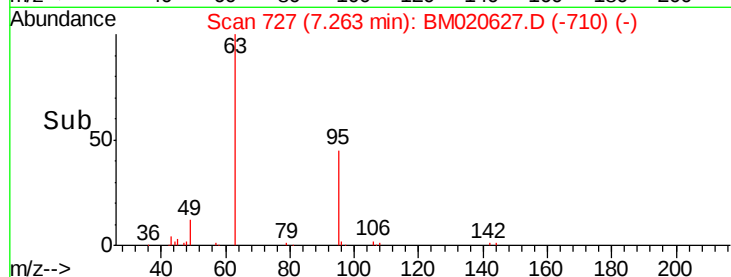
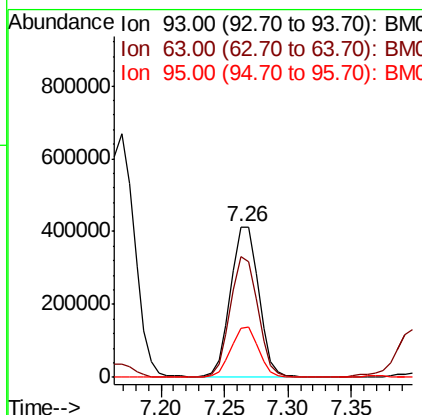
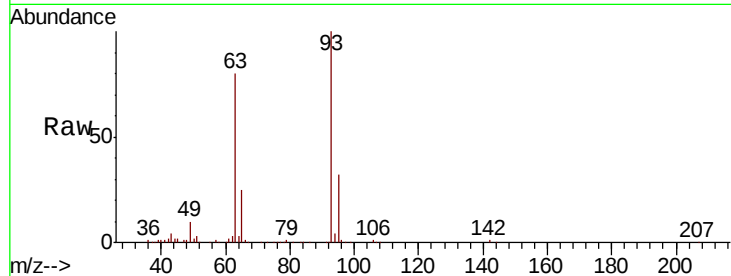
#11
bis(2-Chloroethyl)ether
Concen: 42.387 ng
RT: 7.26 min Scan# 727
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	93	Resp	632995
Ion	Ratio	Lower	Upper
93	100		
63	80.0	60.0	100.0
95	32.2	12.2	52.2

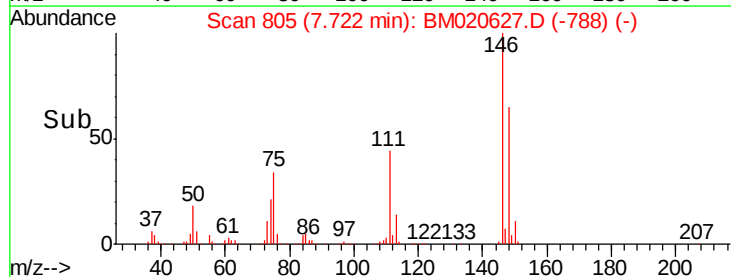
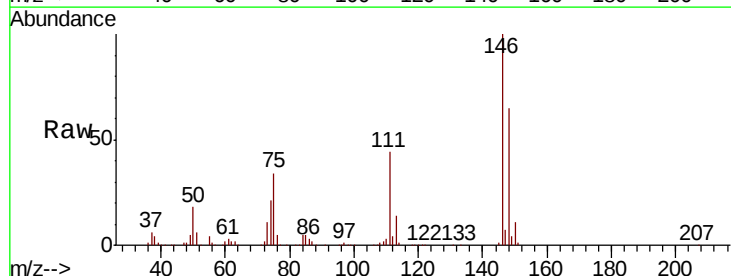
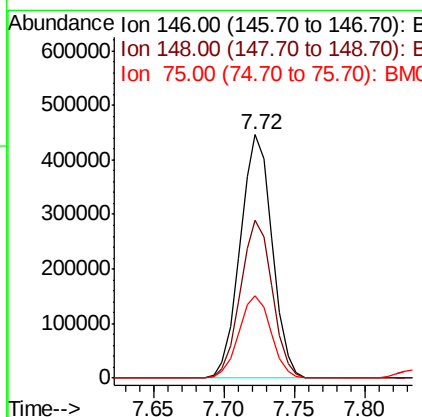
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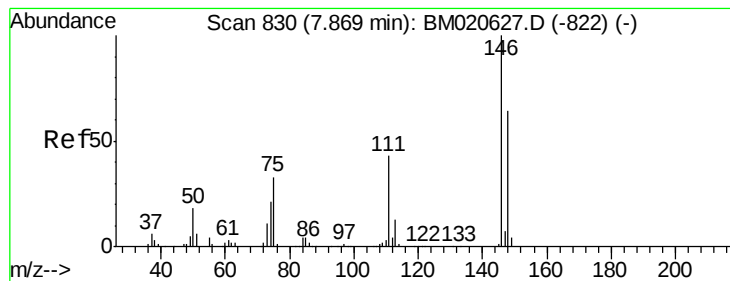
mohammad
6/3/2019 8:48:33 AM



#12
1,3-Dichlorobenzene
Concen: 39.923 ng
RT: 7.72 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	146	Resp	703778
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
75	33.7	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 40.362 ng

RT: 7.87 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

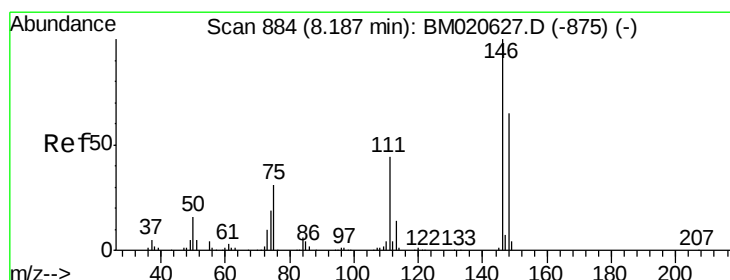
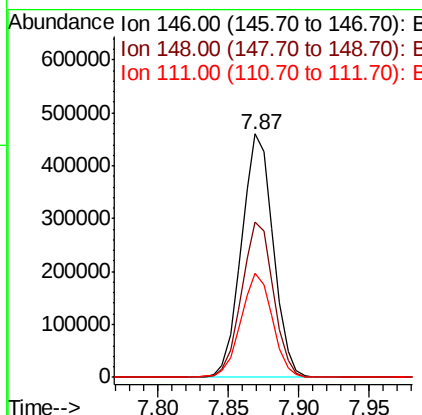
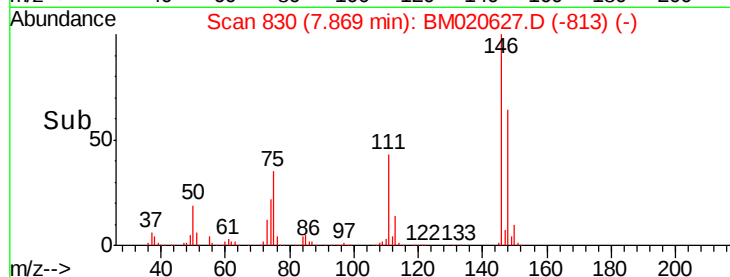
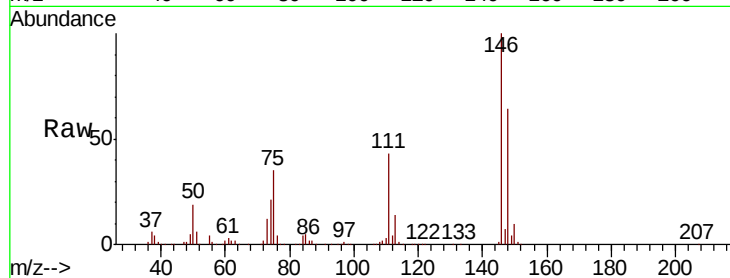
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	720590
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.4
111	43.0	34.4	51.6

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#14

1,2-Dichlorobenzene

Concen: 40.371 ng

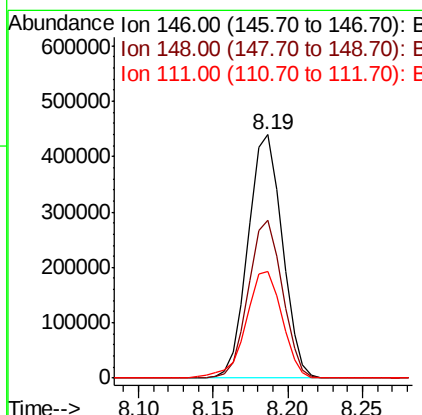
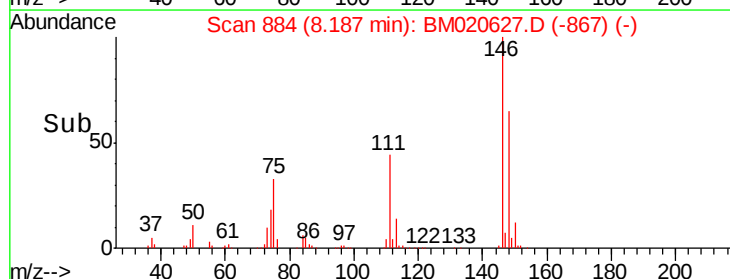
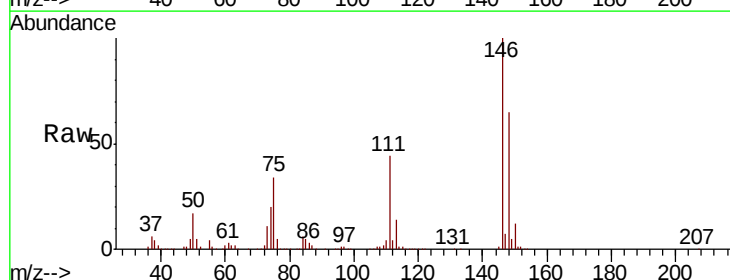
RT: 8.19 min Scan# 884

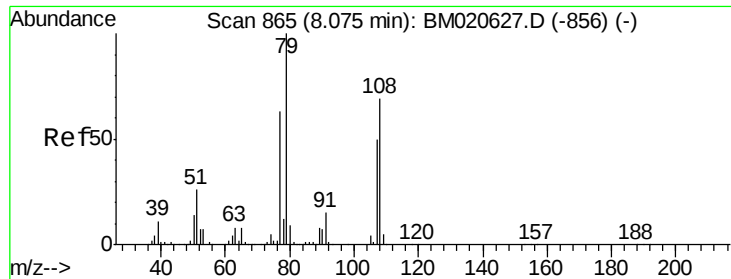
Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion:	146	Resp:	698397
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.8
111	43.9	35.1	52.7





#15

Benzyl Alcohol

Concen: 42.702 ng

RT: 8.07 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

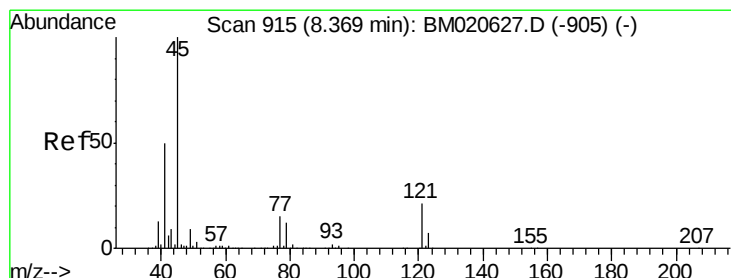
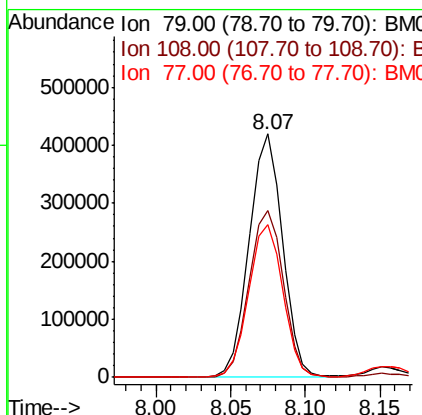
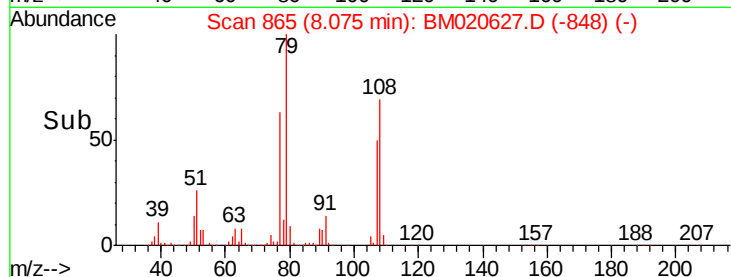
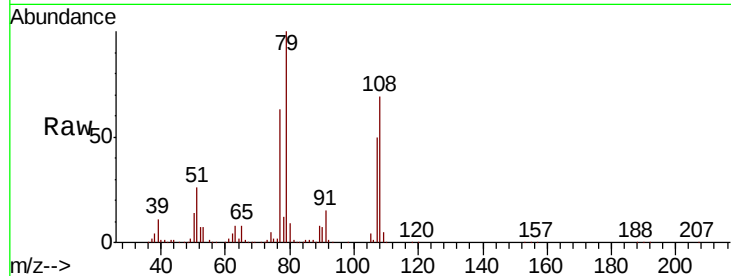
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	650722
Ion	Ratio	Lower	Upper
79	100		
108	68.6	54.9	82.3
77	62.8	50.2	75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.242 ng

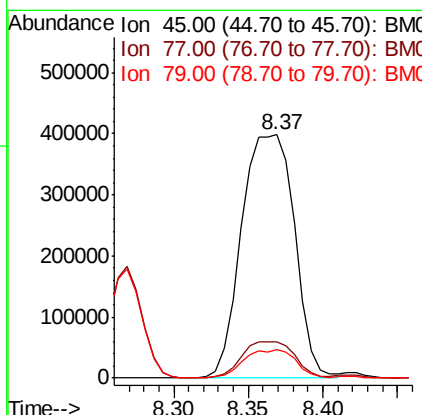
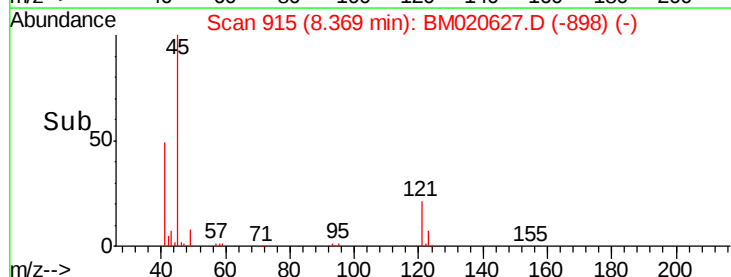
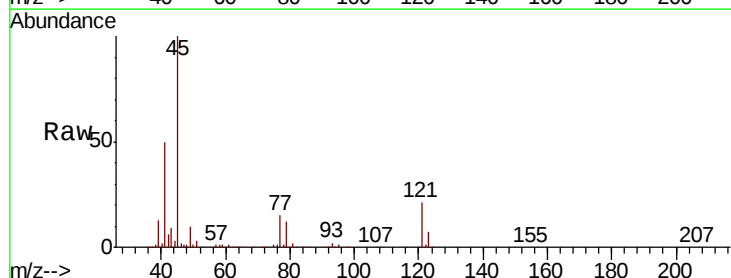
RT: 8.37 min Scan# 915

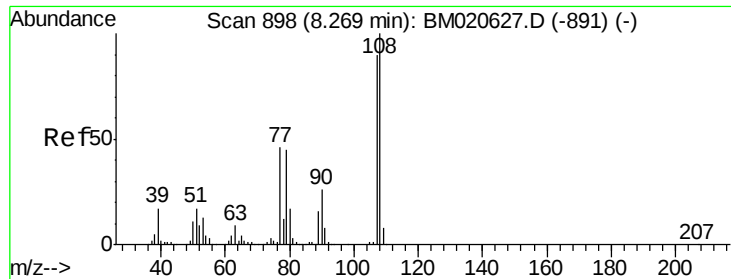
Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion:	45	Resp:	980775
Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.9
79	11.8	0.0	31.8





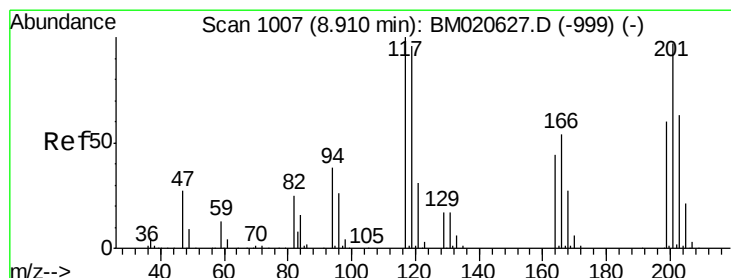
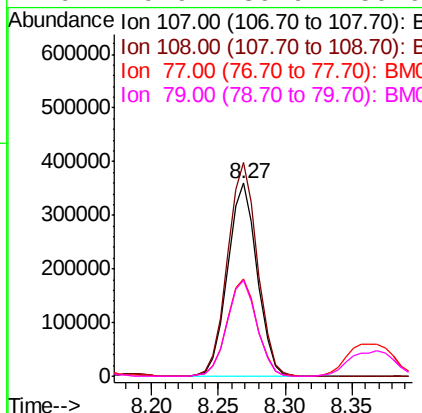
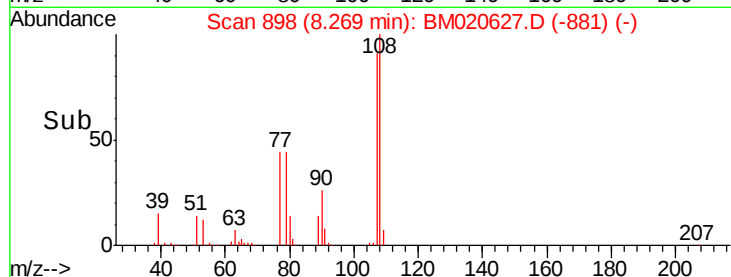
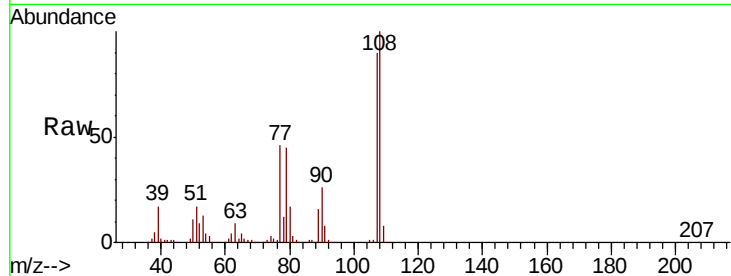
#17
2-Methylphenol
Concen: 42.723 ng
RT: 8.27 min Scan# 898
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	110.8	88.6	133.0	
77	77	50.8	40.6	61.0	
79	79	49.9	39.9	59.9	

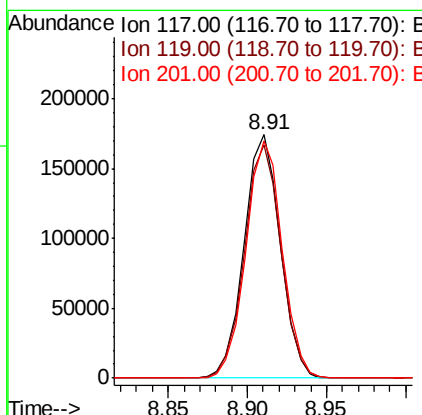
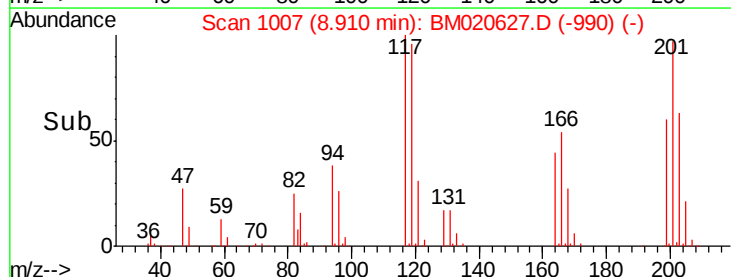
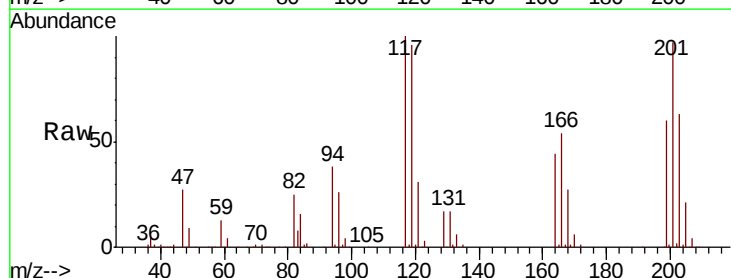
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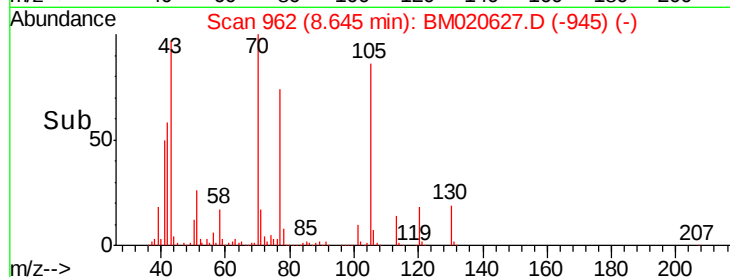
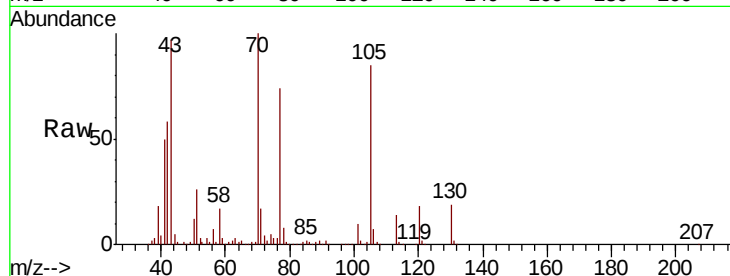
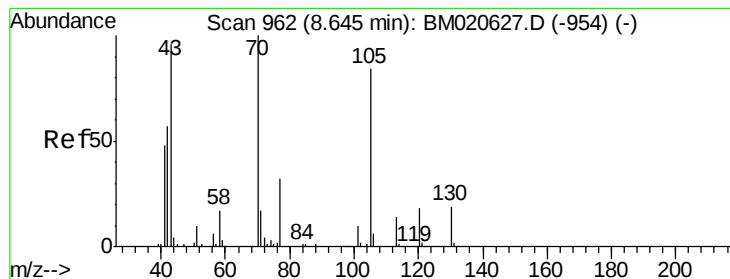
mohammad
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#18
Hexachloroethane
Concen: 41.116 ng
RT: 8.91 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.9	76.7	115.1	
201	201	97.4	77.9	116.9	





#19

n-Nitroso-di-n-propylamine

Concen: 44.534 ng

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 600075

Ion Ratio Lower Upper

70 100

42 58.5 46.8 70.2

101 9.7 7.8 11.6

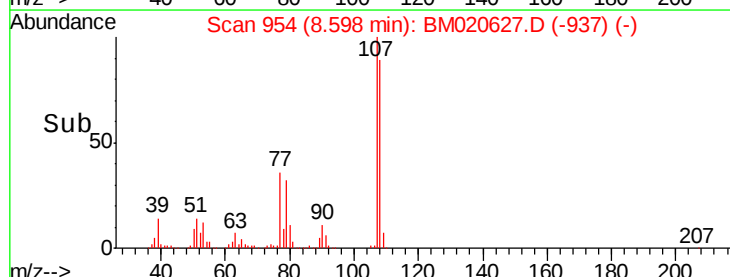
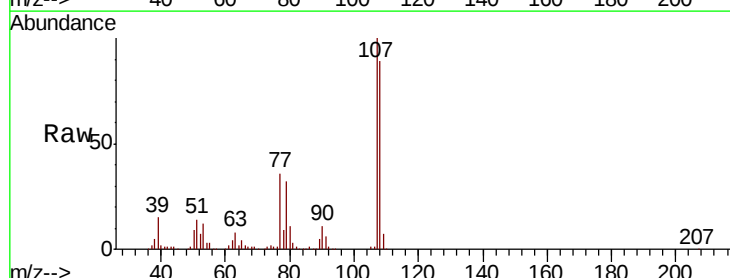
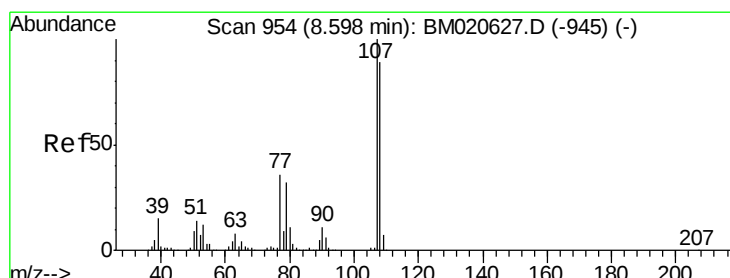
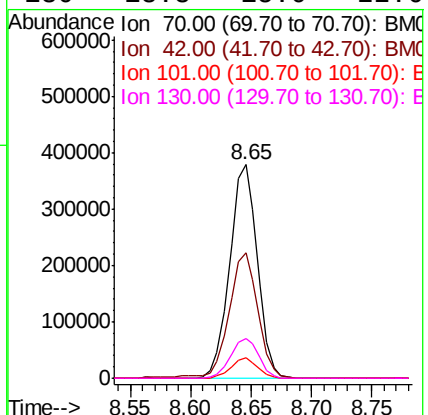
130 18.8 15.0 22.6

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#20

3+4-Methylphenols

Concen: 43.020 ng

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion: 107 Resp: 765437

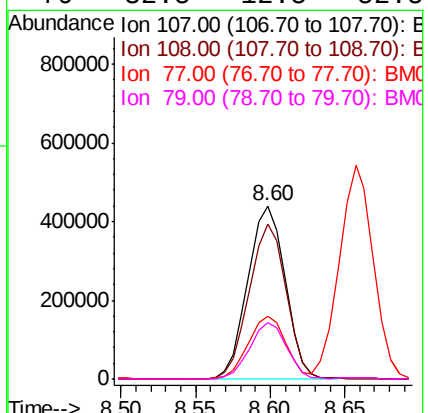
Ion Ratio Lower Upper

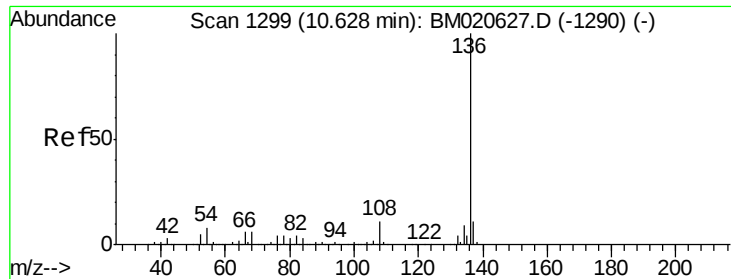
107 100

108 89.2 69.2 109.2

77 36.2 16.2 56.2

79 32.5 12.5 52.5





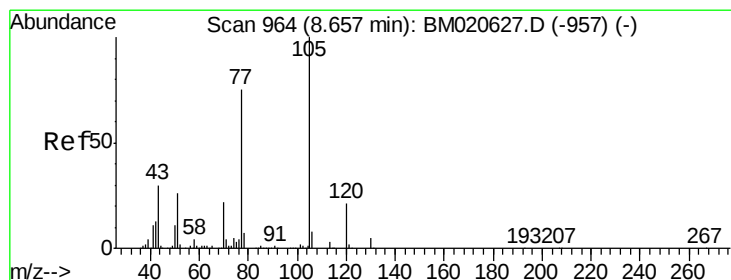
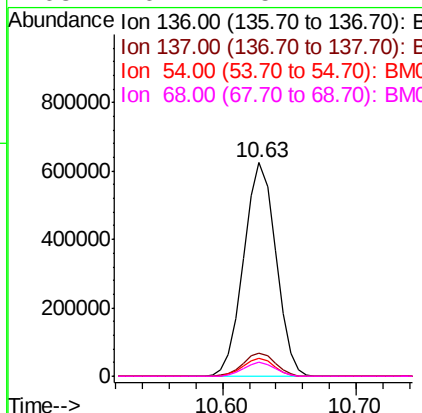
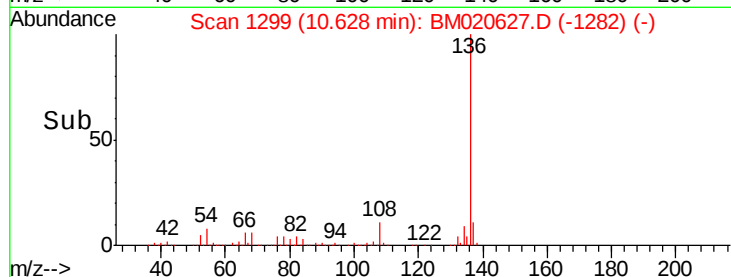
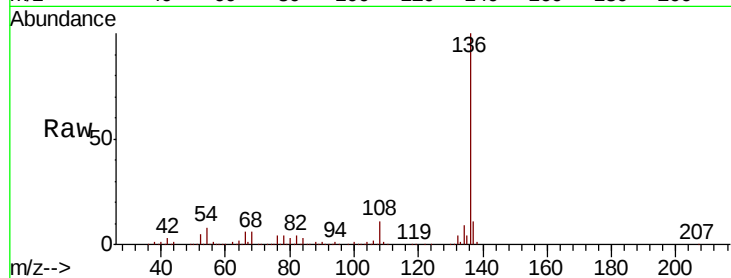
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.6	10.0
68	6.4	5.1	7.7

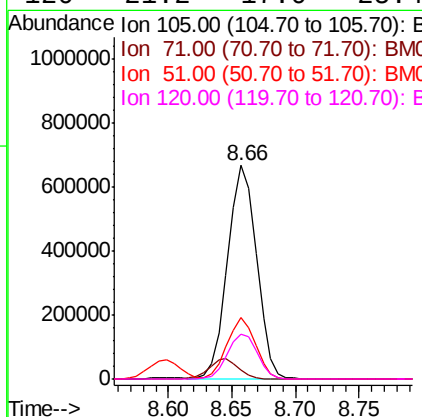
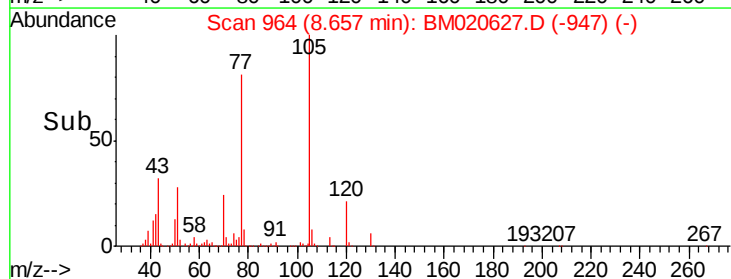
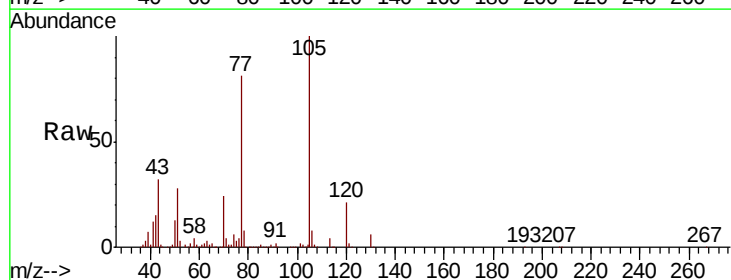
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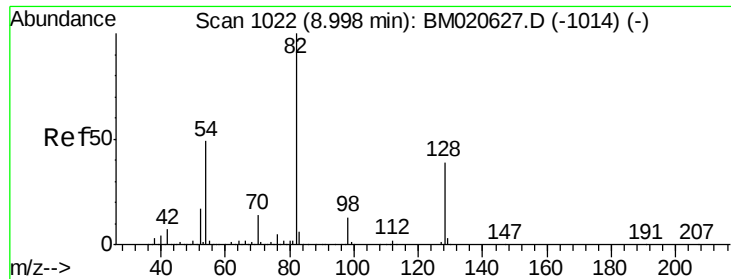
mohammad
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#22
Acetophenone
Concen: 40.277 ng
RT: 8.66 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.2	4.8
51	28.5	22.8	34.2
120	21.2	17.0	25.4





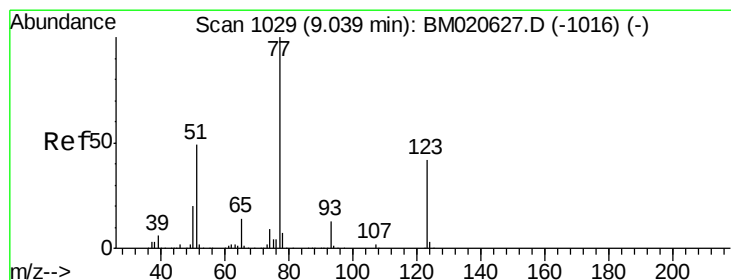
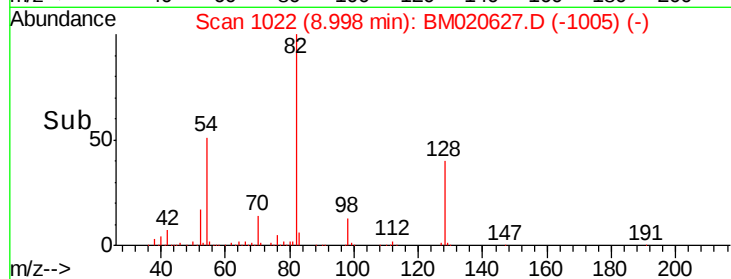
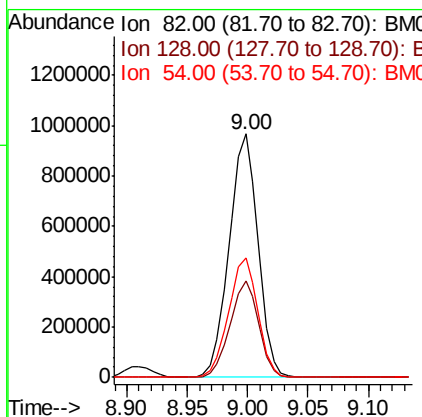
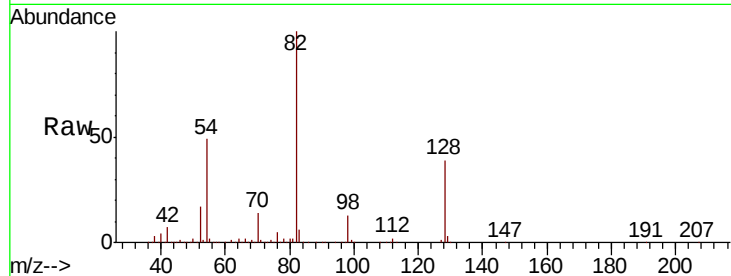
#23
Nitrobenzene-d5
Concen: 83.126 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.5	47.3
54	49.2	39.4	59.0

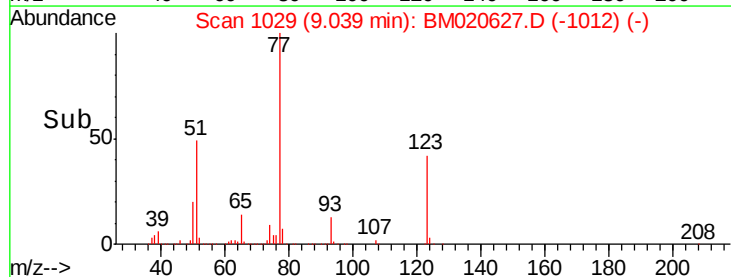
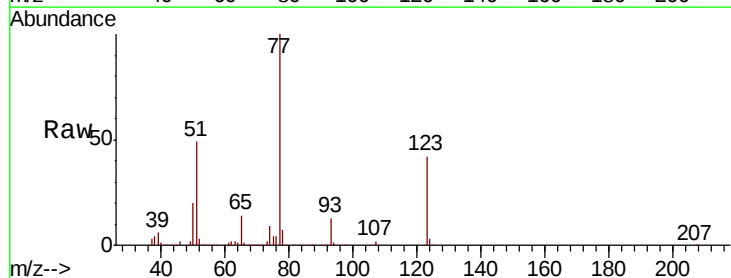
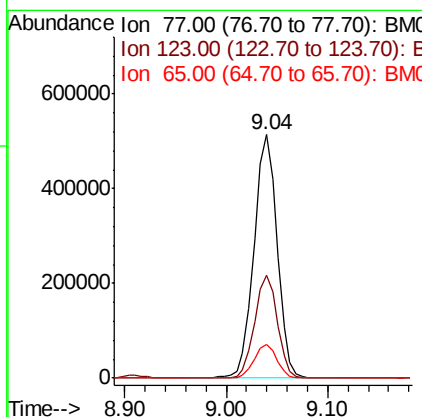
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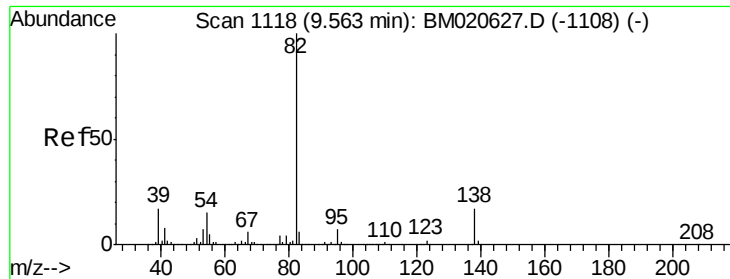
mohammad
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#24
Nitrobenzene
Concen: 41.376 ng
RT: 9.04 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.7	50.5
65	13.8	11.0	16.6





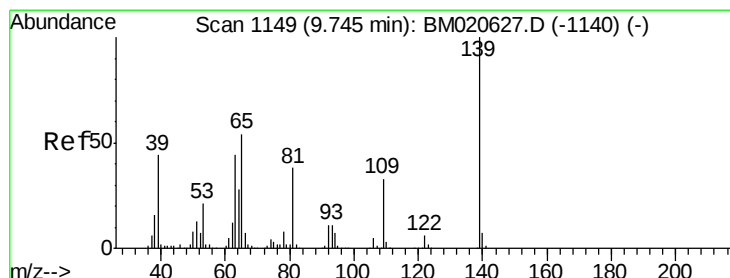
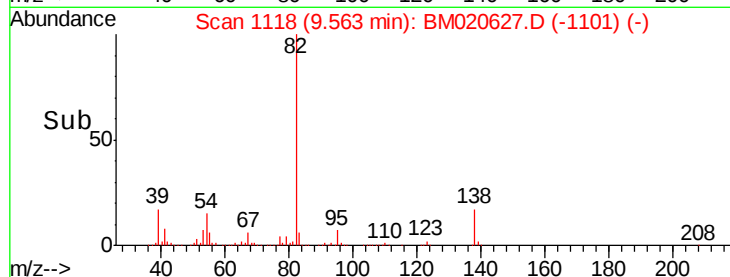
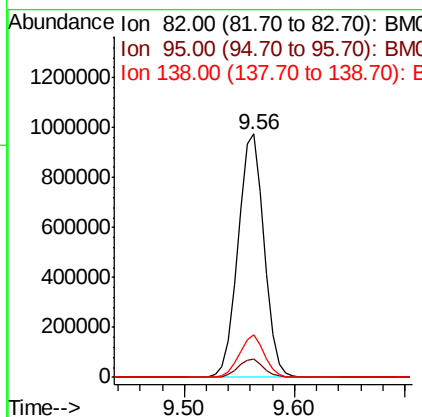
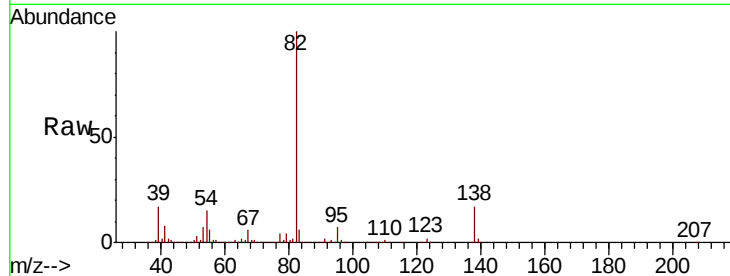
#25
Isophorone
Concen: 41.088 ng
RT: 9.56 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	17.3	13.8	20.8

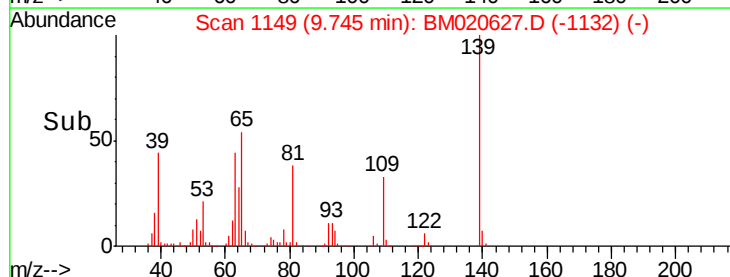
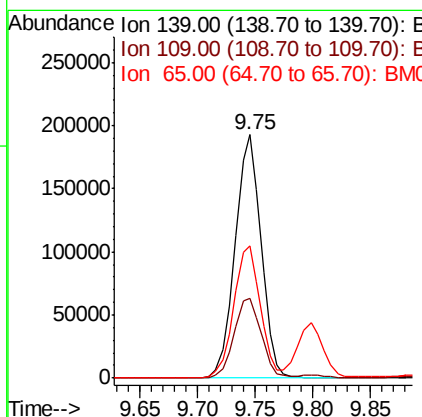
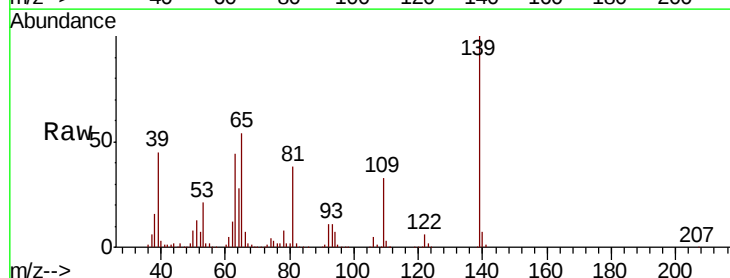
Manual Integrations
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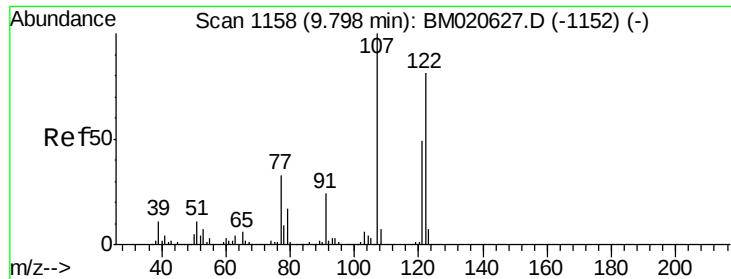
mohammad
6/3/2019 8:48:33 AM



#26
2-Nitrophenol
Concen: 41.156 ng
RT: 9.75 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.6	26.1	39.1
65	54.2	43.4	65.0





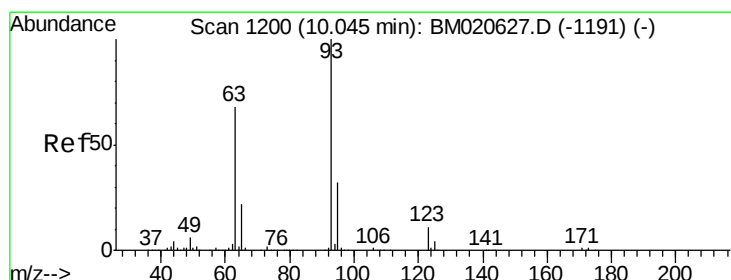
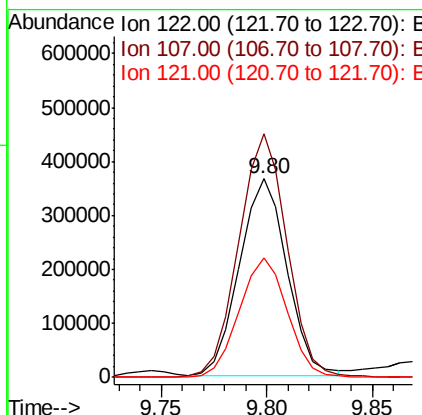
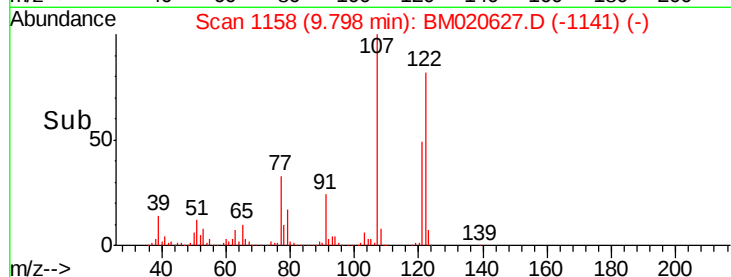
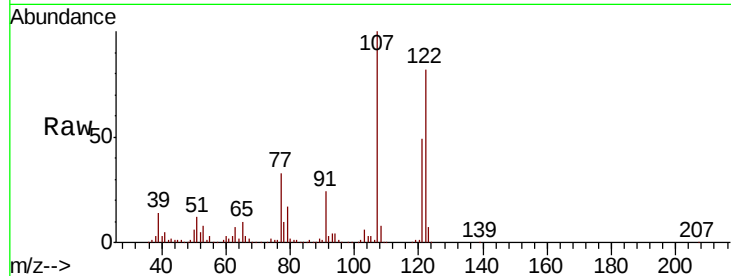
#27
 2,4-Dimethylphenol
 Concen: 39.635 ng
 RT: 9.80 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	568733		
107	122.5	98.0	147.0	
121	60.3	48.2	72.4	

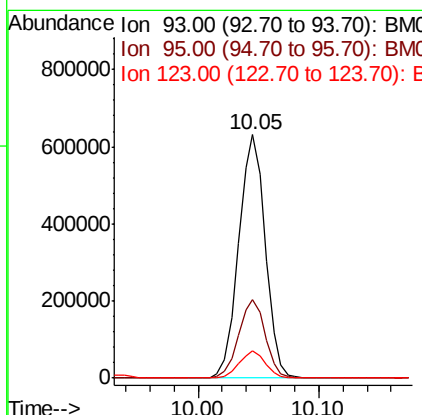
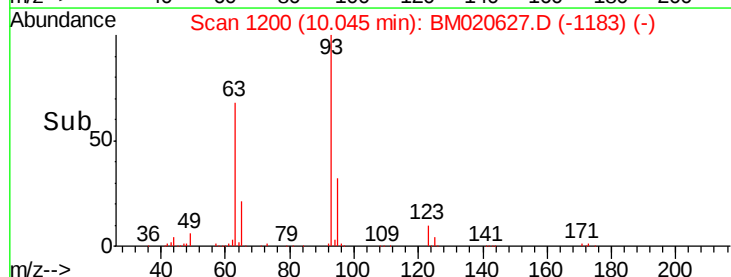
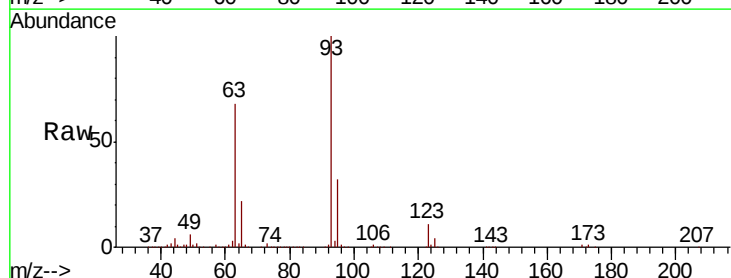
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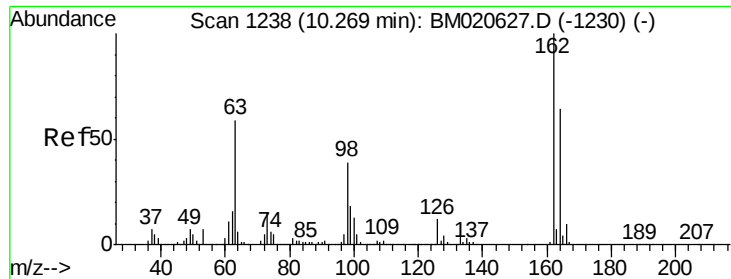
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.080 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	968922		
95	32.2	25.8	38.6	
123	11.3	9.0	13.6	





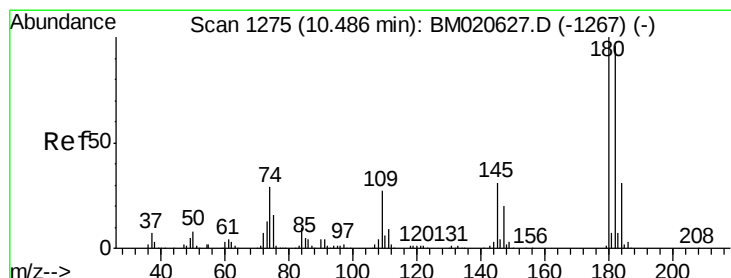
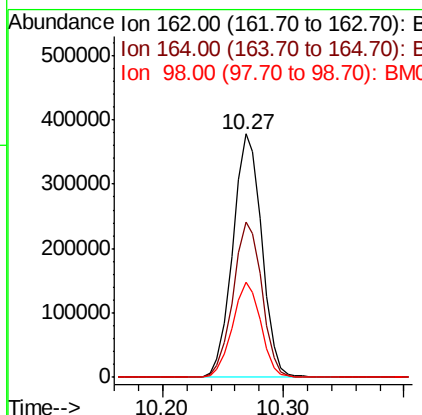
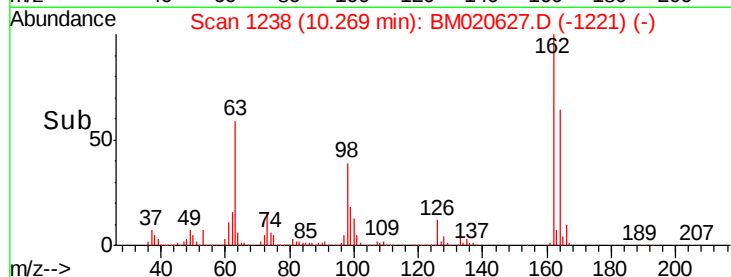
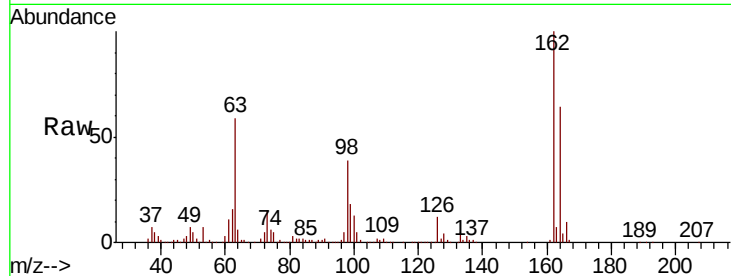
#29
 2,4-Dichlorophenol
 Concen: 39.394 ng
 RT: 10.27 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.8	83.8
98	39.1	19.1	59.1

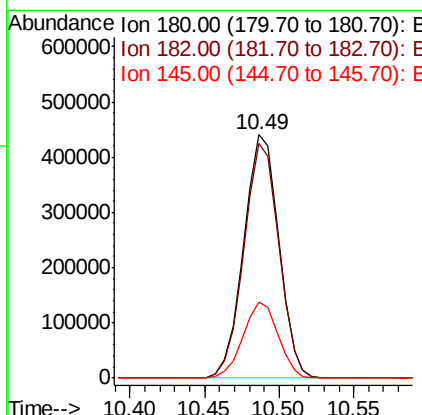
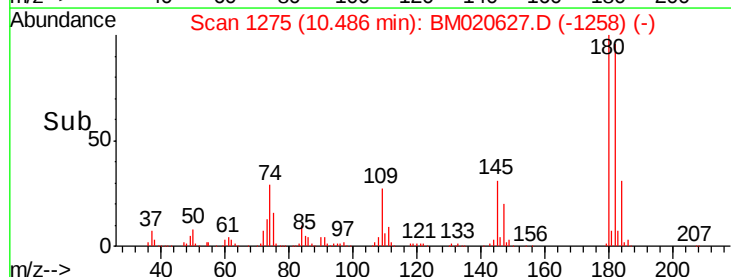
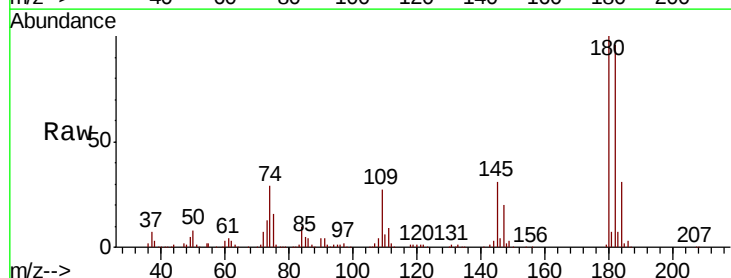
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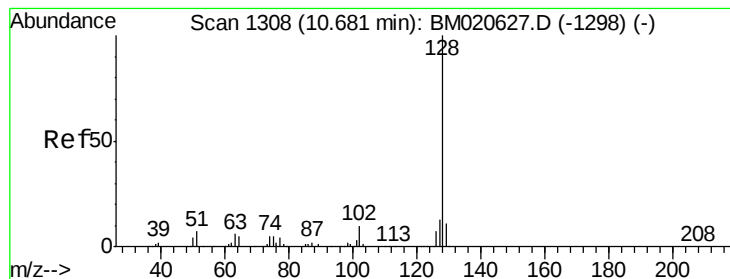
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.914 ng
 RT: 10.49 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.6
145	31.2	25.0	37.4





#31

Naphthalene

Concen: 39.747 ng

RT: 10.68 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 2129329

Ion Ratio Lower Upper

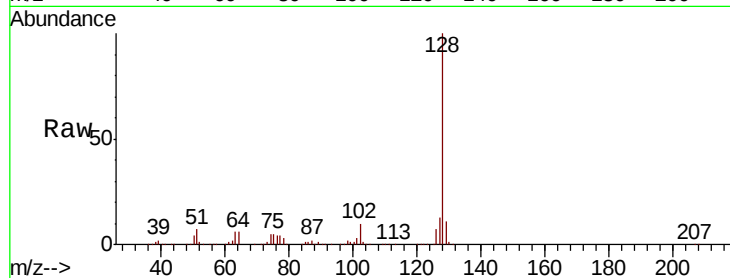
128 100

129 10.9 8.7 13.1

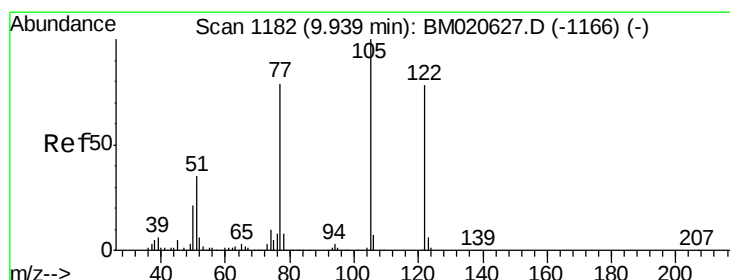
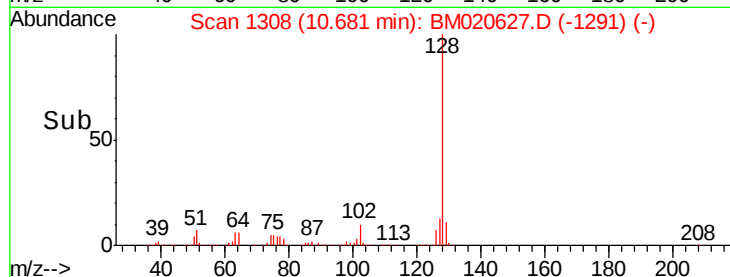
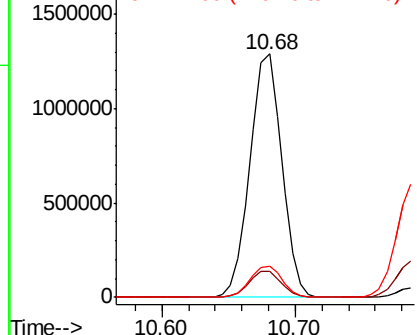
127 12.9 10.3 15.5

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



#32

Benzoic acid

Concen: 49.357 ng m

RT: 9.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

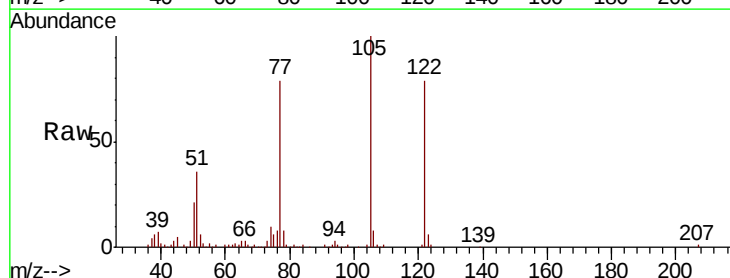
Tgt Ion:122 Resp: 338463

Ion Ratio Lower Upper

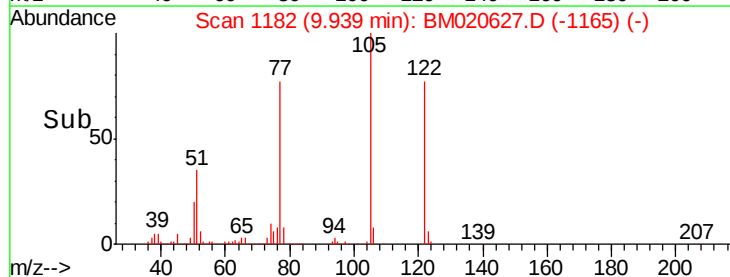
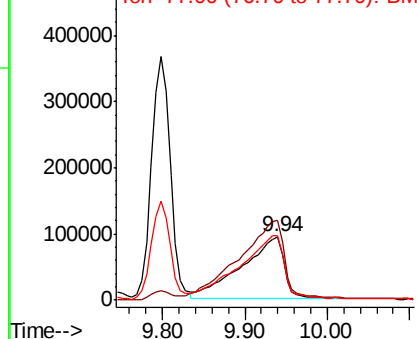
122 100

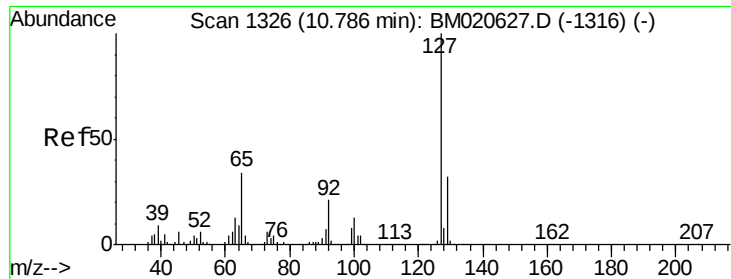
105 127.0 107.0 147.0

77 100.9 80.9 120.9



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





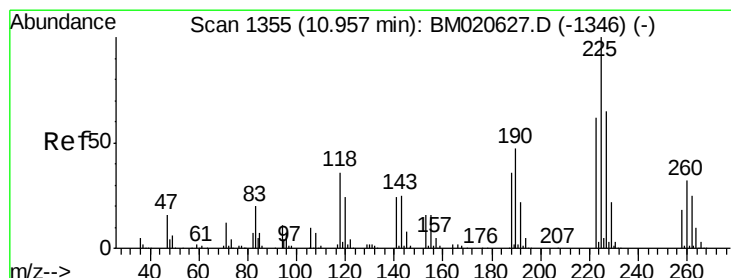
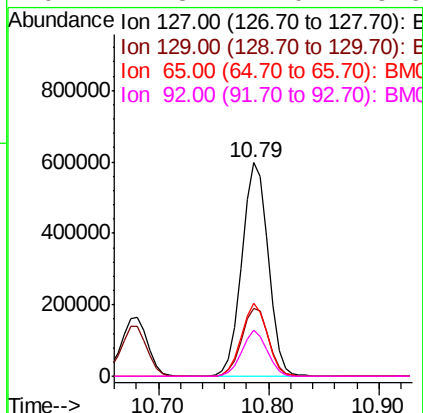
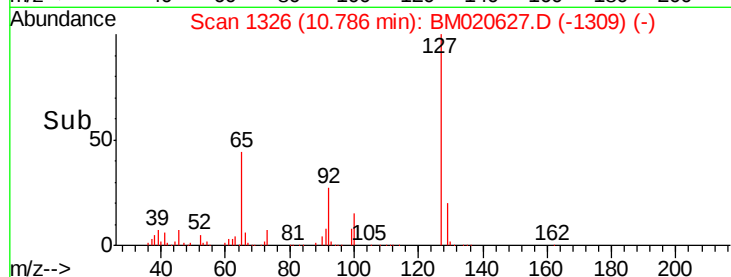
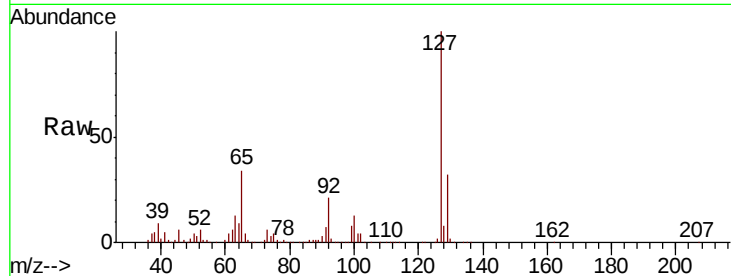
#33
4-Chloroaniline
Concen: 40.978 ng
RT: 10.79 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.1	25.7	38.5	
65	34.2	27.4	41.0	
92	21.3	17.0	25.6	

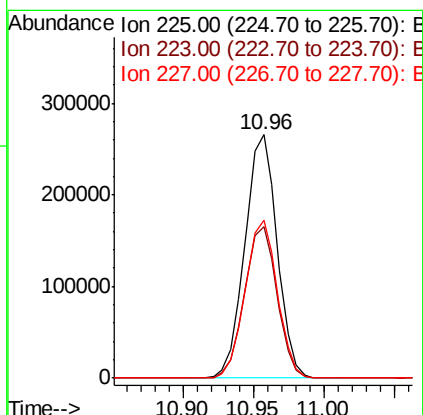
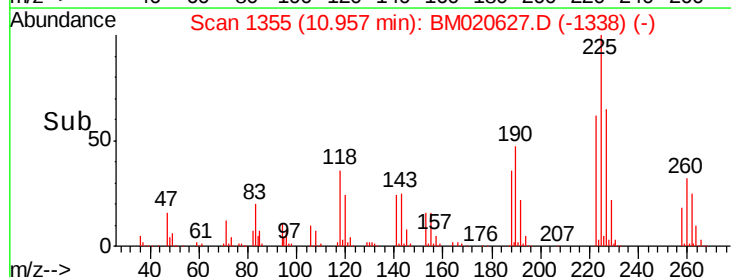
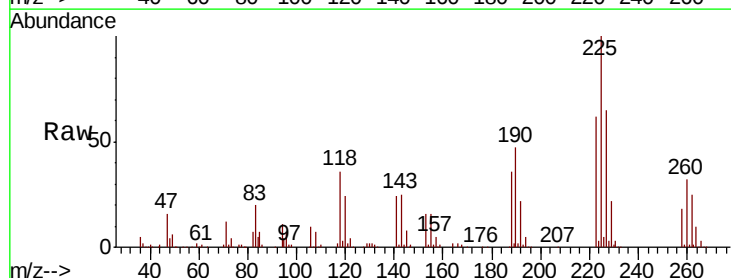
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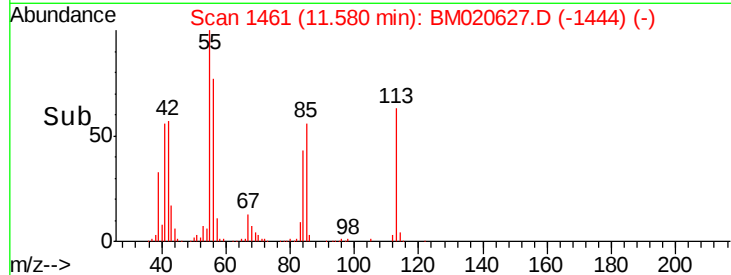
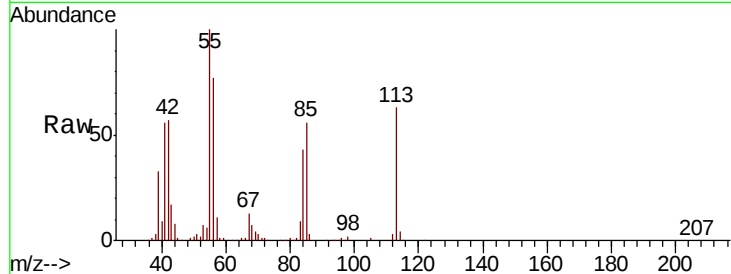
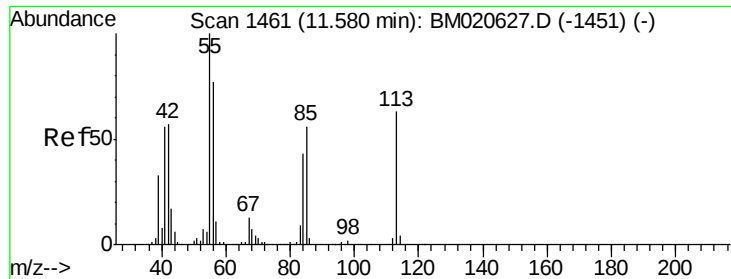
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#34
Hexachlorobutadiene
Concen: 36.504 ng
RT: 10.96 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.1	49.7	74.5	
227	64.8	51.8	77.8	





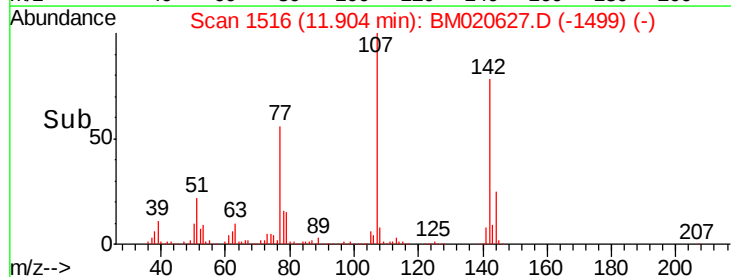
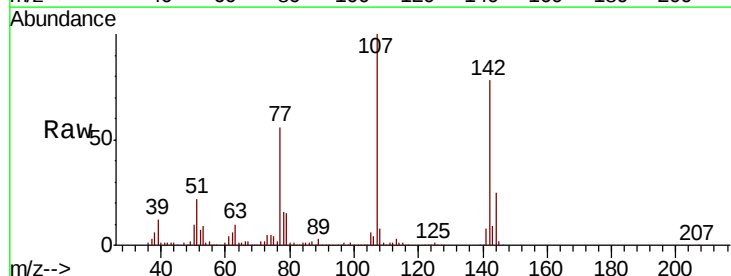
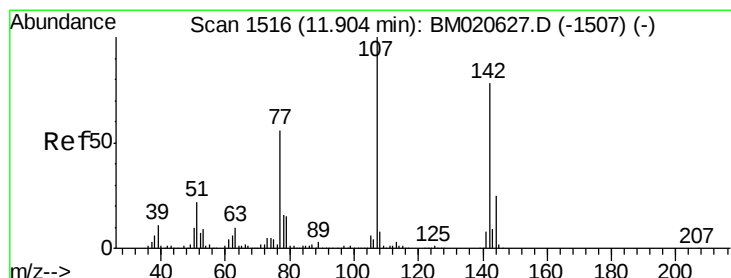
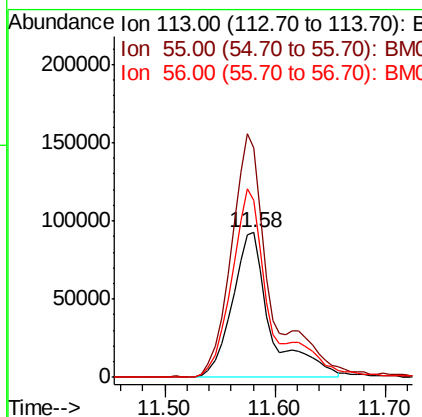
#35
Caprolactam
Concen: 41.904 ng
RT: 11.58 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.6	138.6	178.6
56	122.3	102.3	142.3

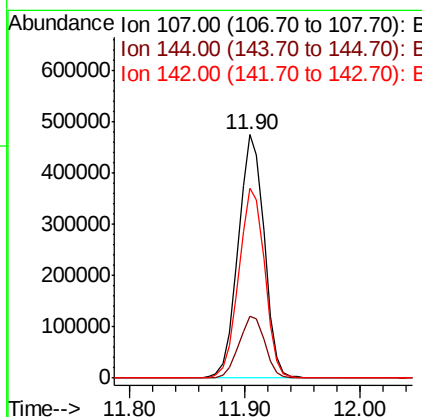
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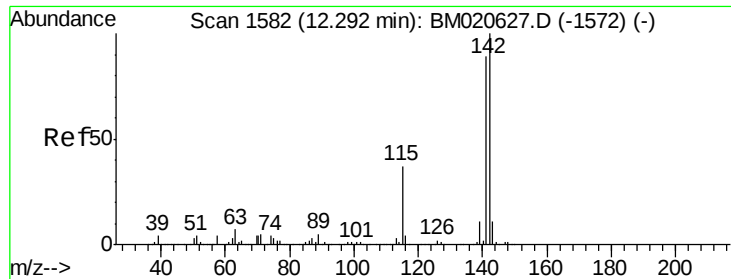
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#36
4-Chloro-3-methylphenol
Concen: 41.906 ng
RT: 11.90 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.3	30.5
142	78.2	62.6	93.8





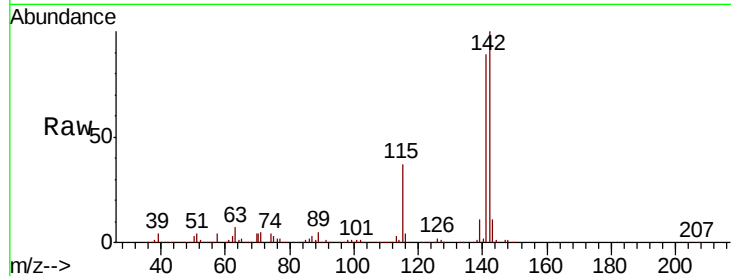
#37
2-Methylnaphthalene
Concen: 40.539 ng
RT: 12.29 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	37.0	29.6	44.4

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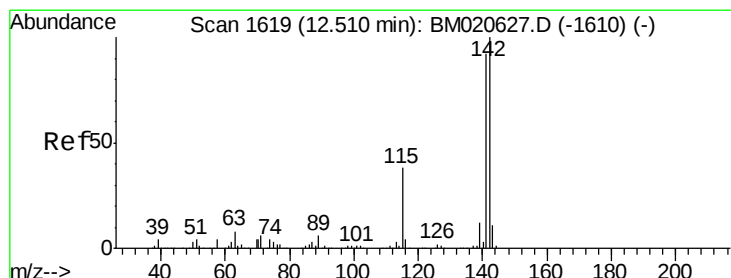
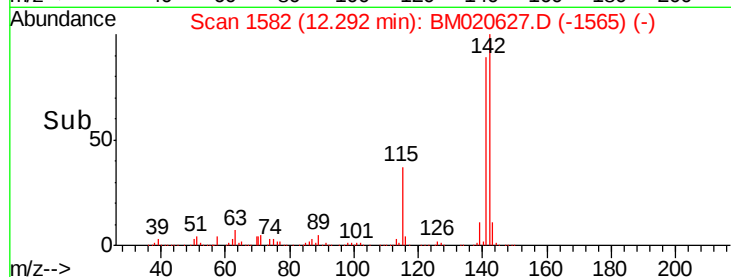
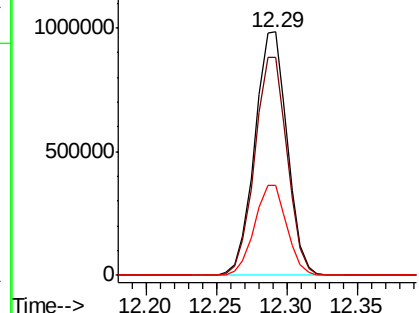


Abundance

Ion 142.00 (141.70 to 142.70): E

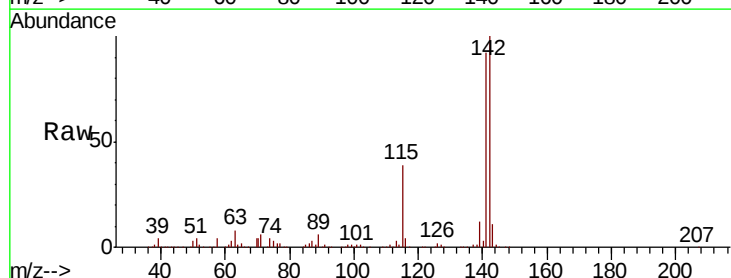
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.686 ng
RT: 12.51 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	4.0	3.2	4.8

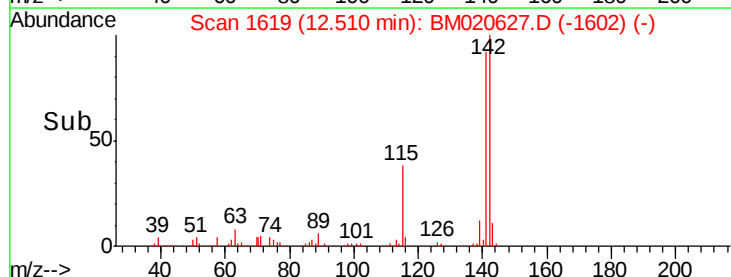
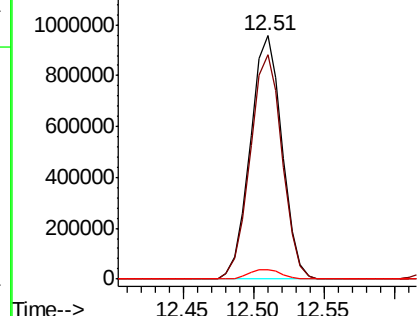


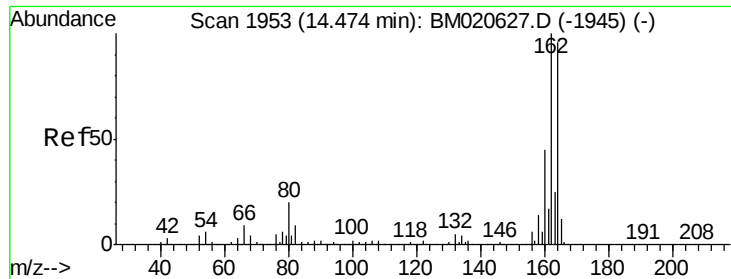
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

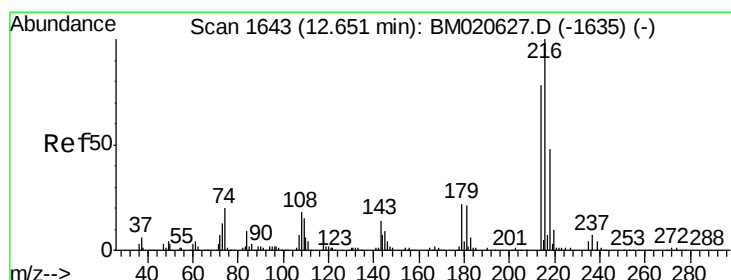
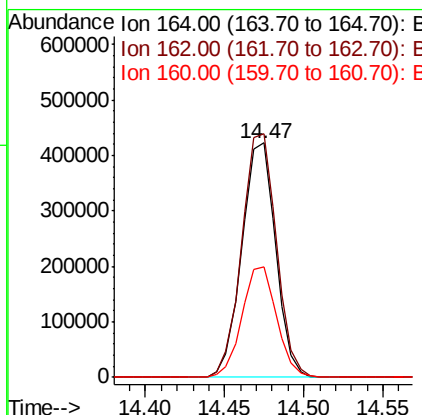
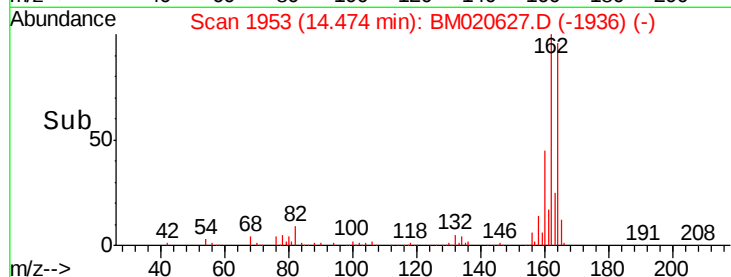
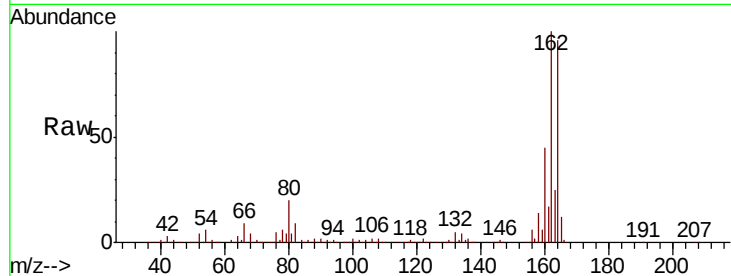
ClientSampleId :

SSTDICCC040

Tot Ion:	164	Resp:	626818
Ion Ratio	Lower	Upper	
164	100		
162	104.0	83.2	124.8
160	46.9	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.877 ng

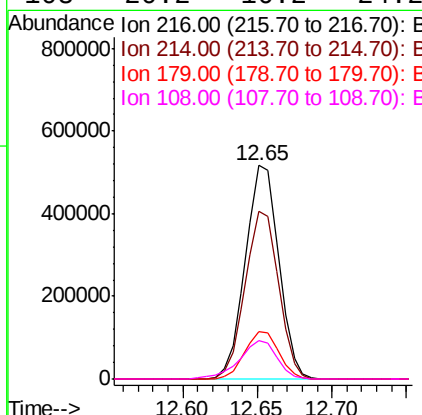
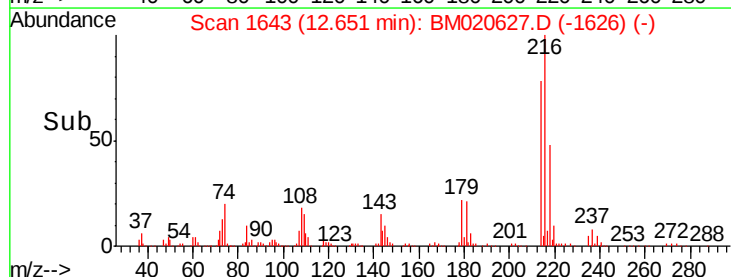
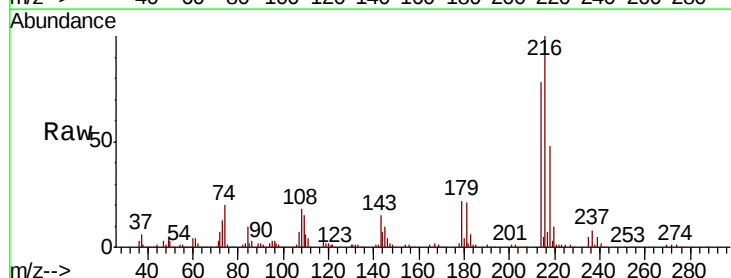
RT: 12.65 min Scan# 1643

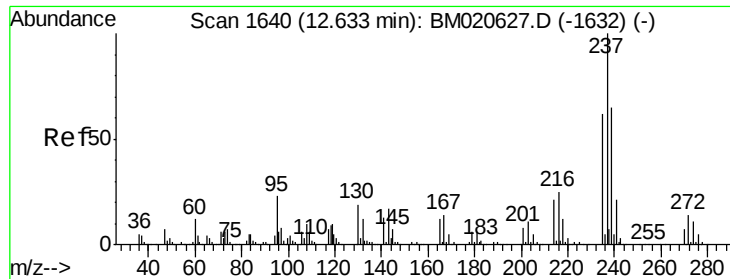
Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion:	216	Resp:	800820
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.4
179	22.4	17.9	26.9
108	20.2	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 37.532 ng

RT: 12.63 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

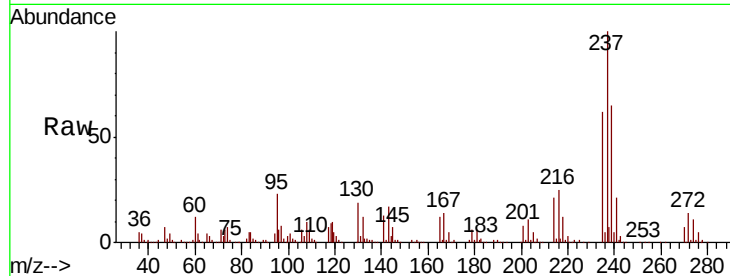
ClientSampleId :

SSTDICCC040

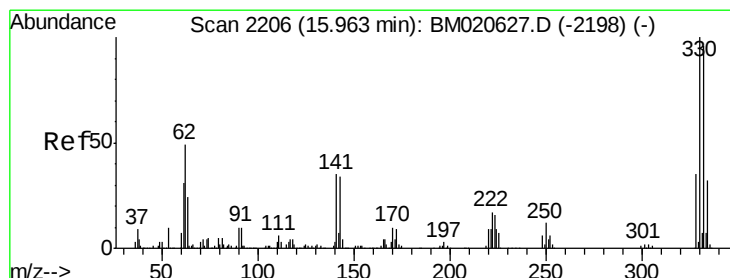
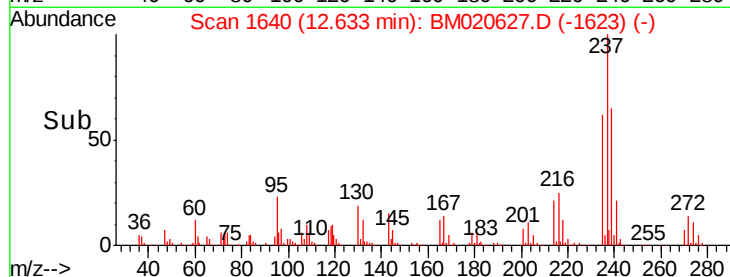
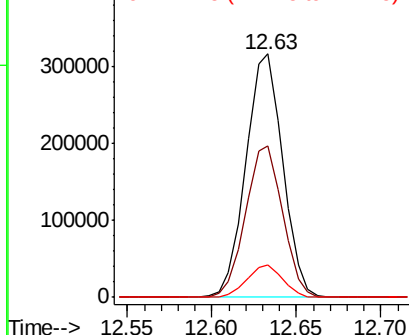
Tot Ion:	237	Resp:	481604
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.1	82.1
272	13.5	0.0	33.5

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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: 78.613 ng

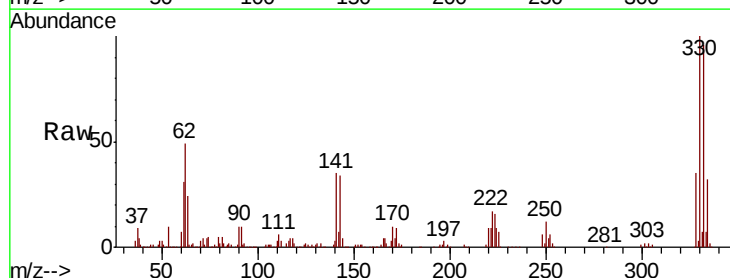
RT: 15.96 min Scan# 2206

Delta R.T. 0.00 min

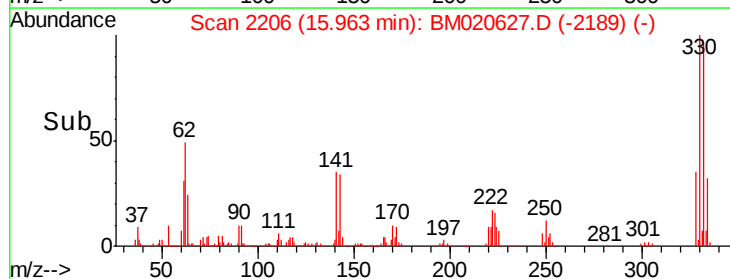
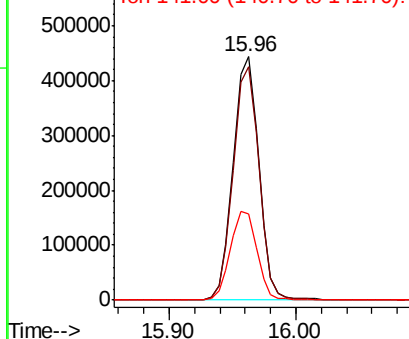
Lab File: BM020627.D

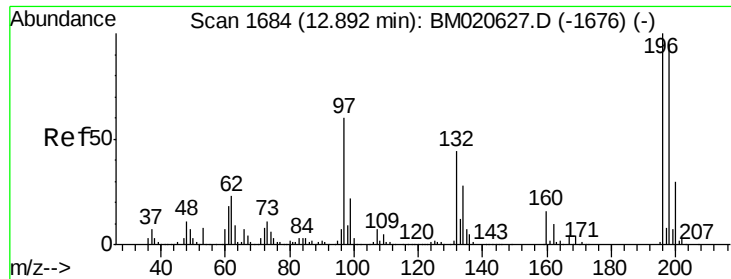
Acq: 31 May 2019 12:24

Tgt Ion:	330	Resp:	621761
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	38.0	30.4	45.6



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





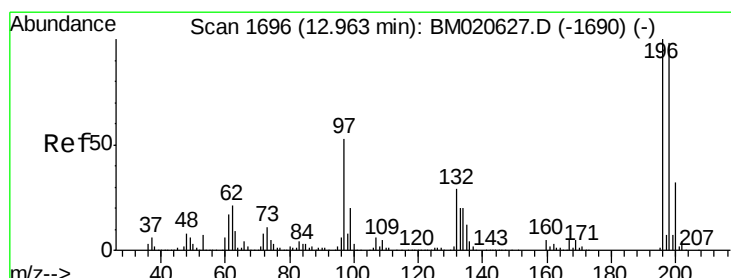
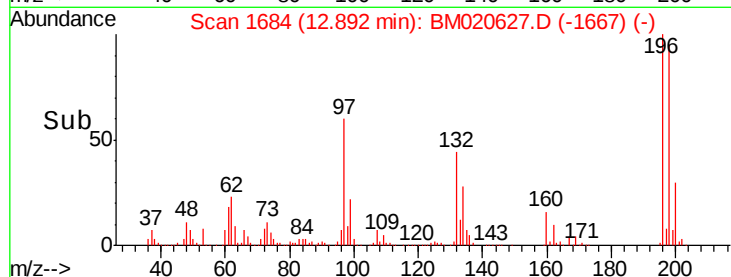
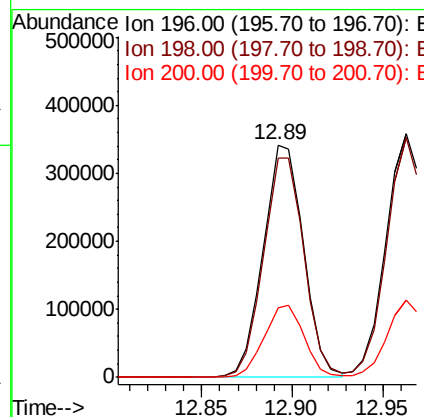
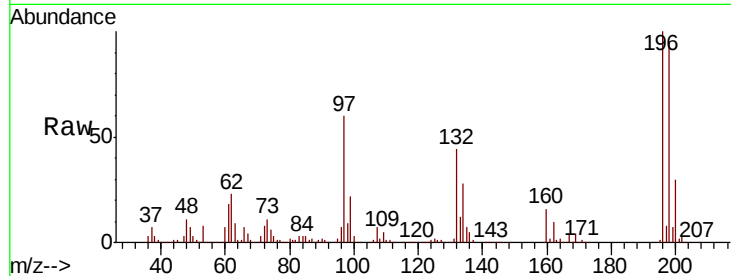
#43
 2,4,6-Trichlorophenol
 Concen: 39.871 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	530386		
198	94.6	75.7	113.5	
200	29.9	23.9	35.9	

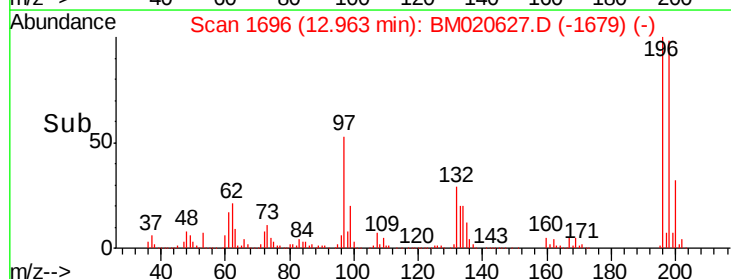
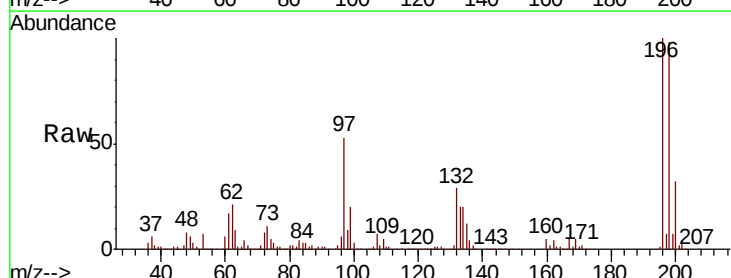
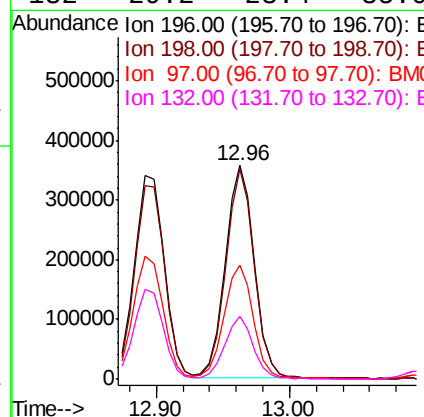
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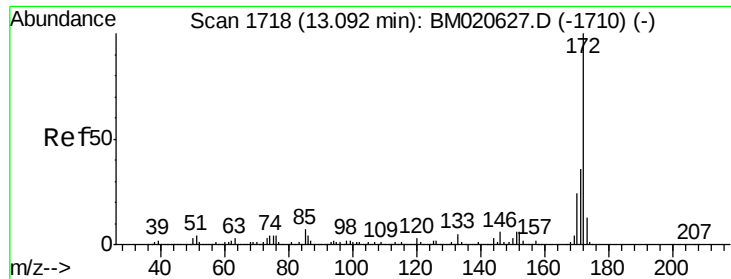
mohammad
 6/3/2019 8:48:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.303 ng
 RT: 12.96 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	545421		
198	98.2	78.6	117.8	
97	53.4	42.7	64.1	
132	29.2	23.4	35.0	





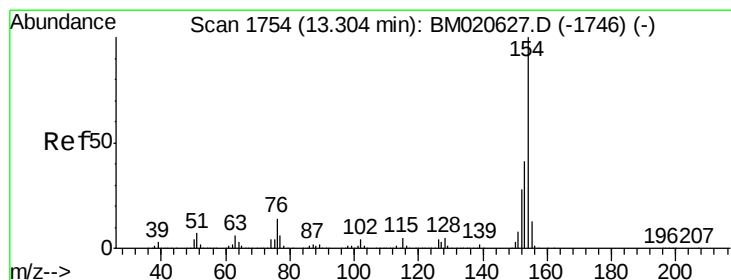
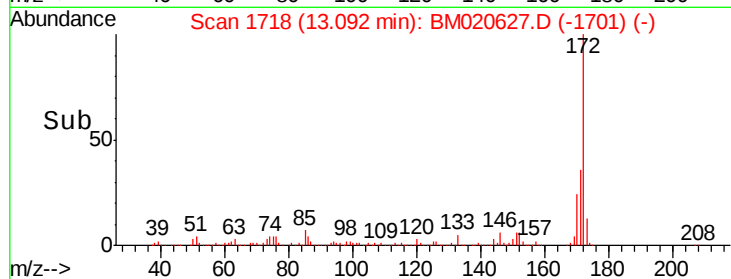
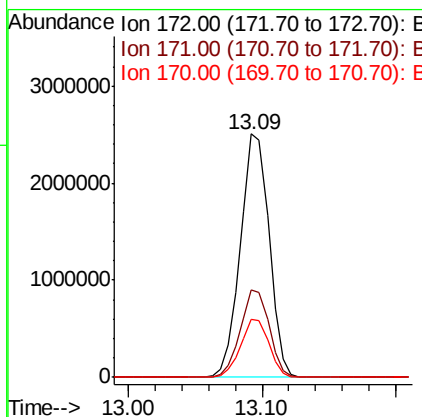
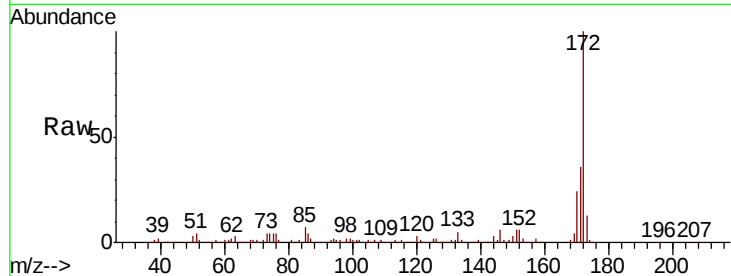
#45
2-Fluorobiphenyl
Concen: 77.685 ng
RT: 13.09 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.6	18.9	28.3

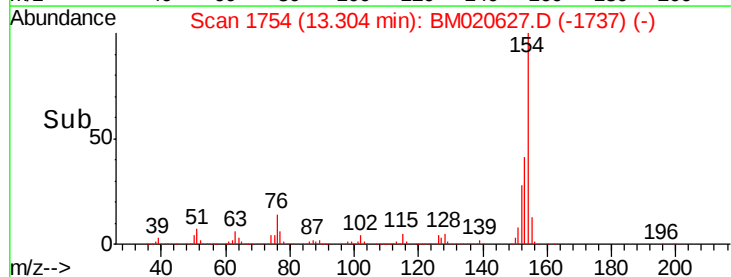
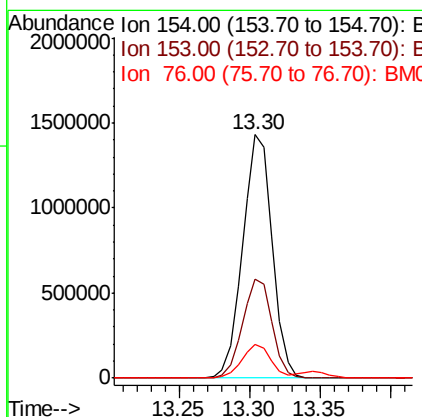
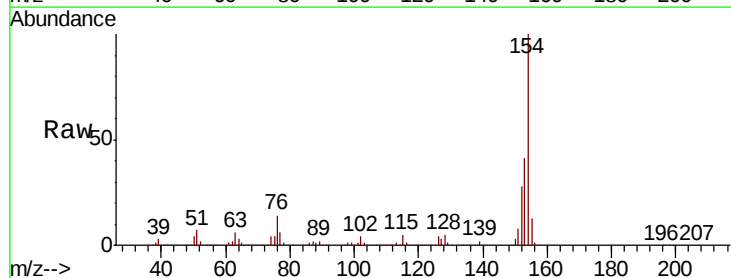
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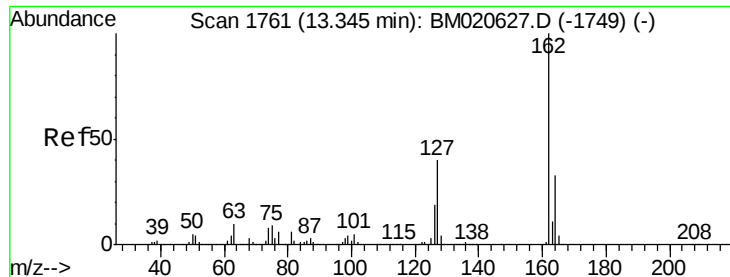
mohammad
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#46
1,1'-Biphenyl
Concen: 39.279 ng
RT: 13.30 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	14.0	0.0	34.0





#47

2-Chloronaphthalene

Concen: 39.056 ng

RT: 13.35 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion: 162 Resp: 1668016

Ion Ratio Lower Upper

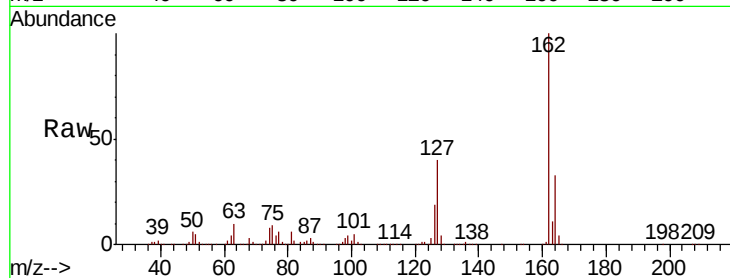
162 100

127 40.1 32.1 48.1

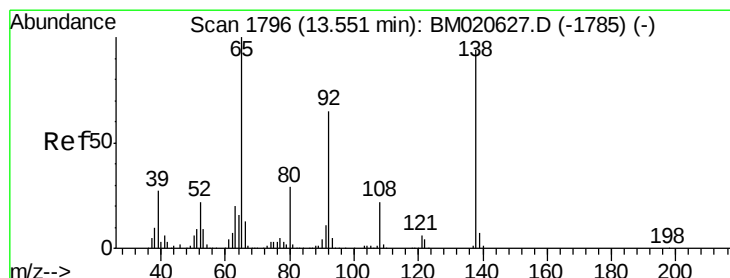
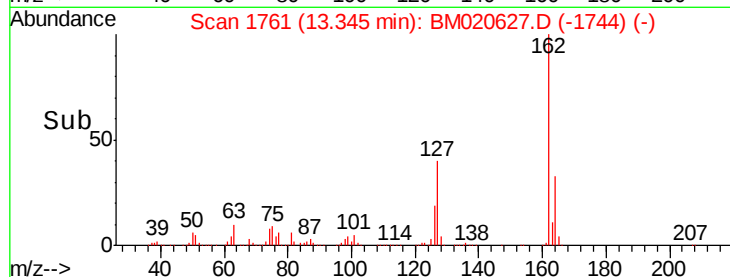
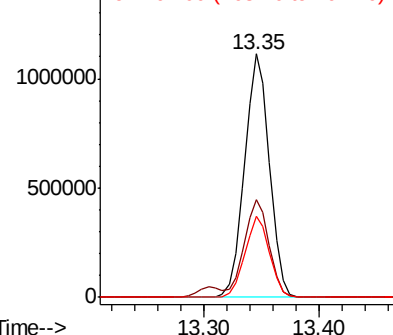
164 33.2 26.6 39.8

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Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.862 ng

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

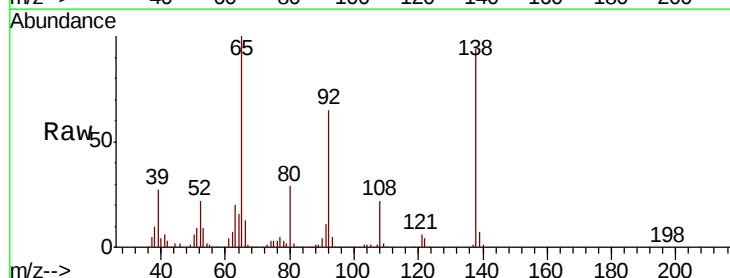
Tgt Ion: 65 Resp: 543019

Ion Ratio Lower Upper

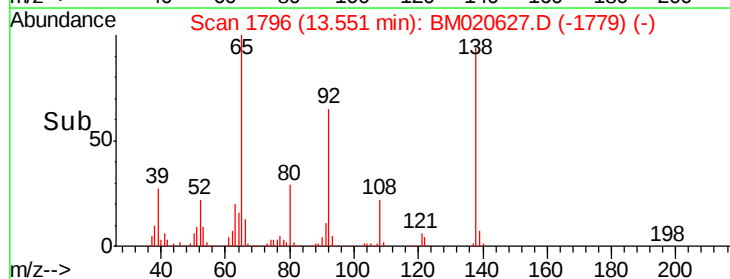
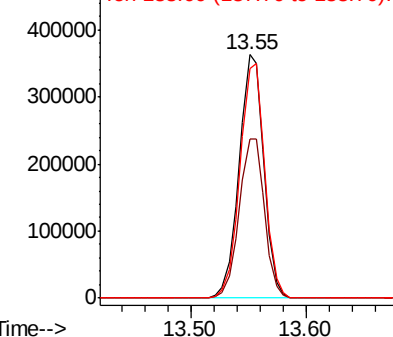
65 100

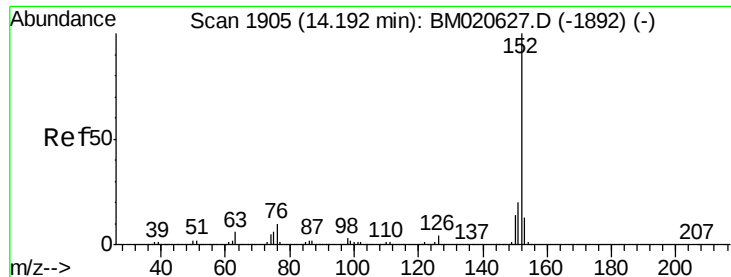
92 65.3 52.2 78.4

138 94.2 75.4 113.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
500000 Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.069 ng

RT: 14.19 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 2654883

Ion Ratio Lower Upper

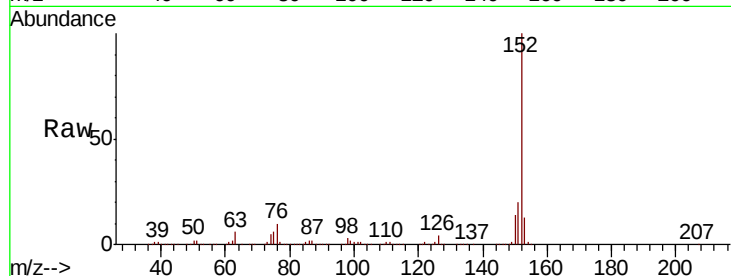
152 100

151 20.2 16.2 24.2

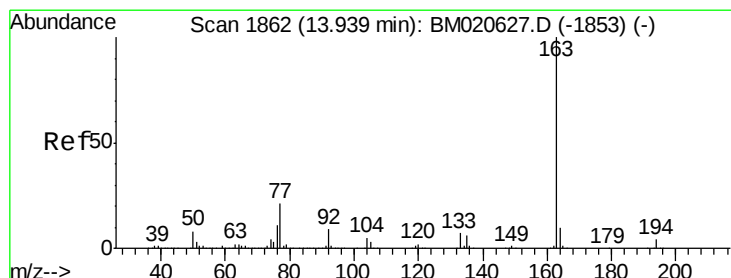
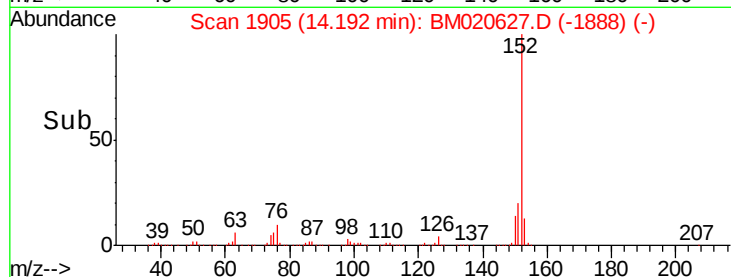
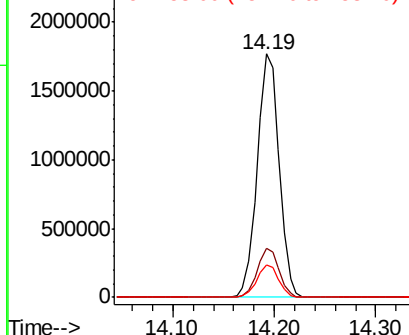
153 13.2 10.6 15.8

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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: 40.480 ng

RT: 13.94 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

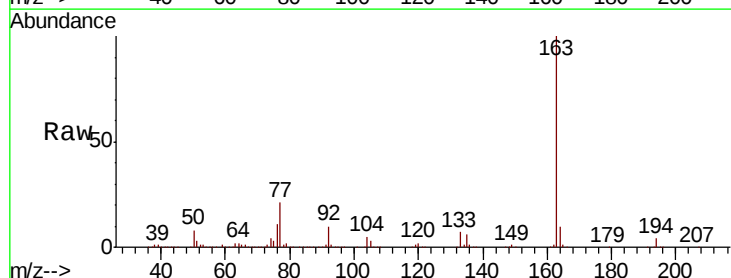
Tgt Ion:163 Resp: 2162649

Ion Ratio Lower Upper

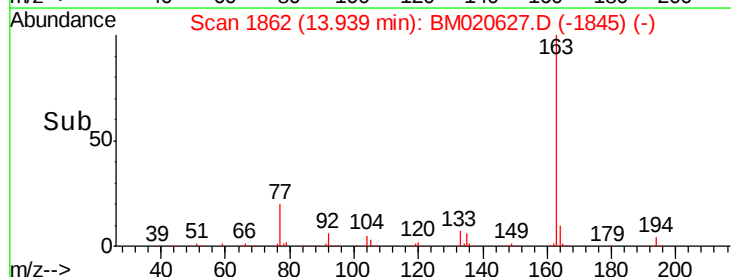
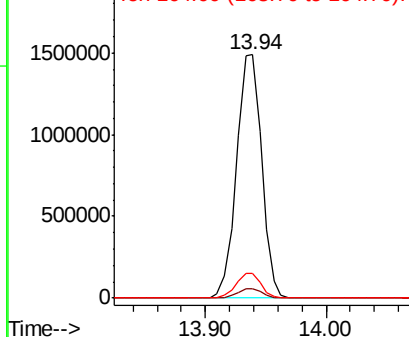
163 100

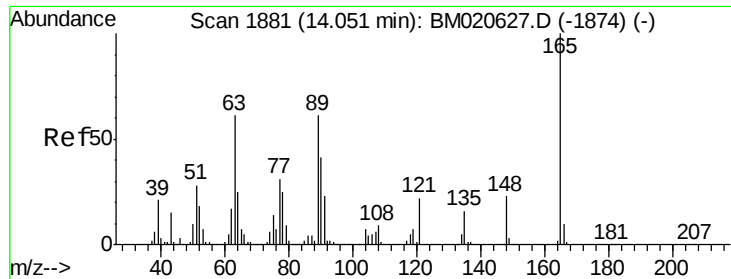
194 4.0 3.2 4.8

164 9.9 7.9 11.9



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





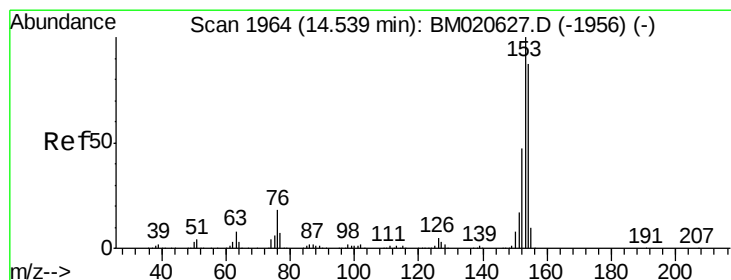
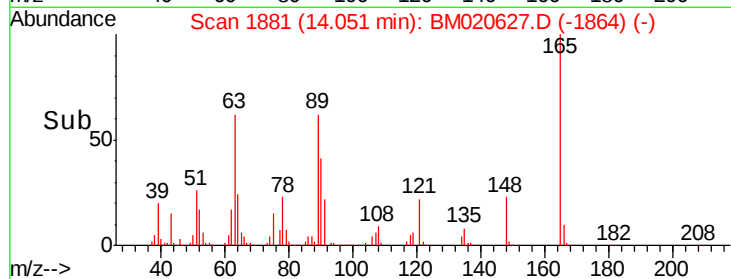
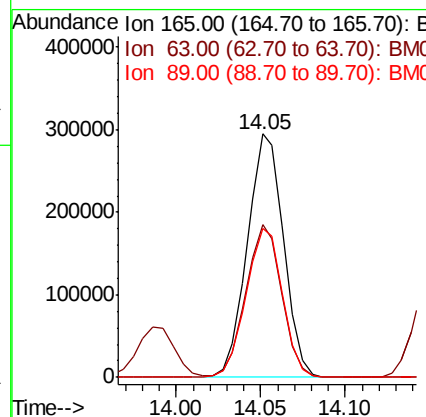
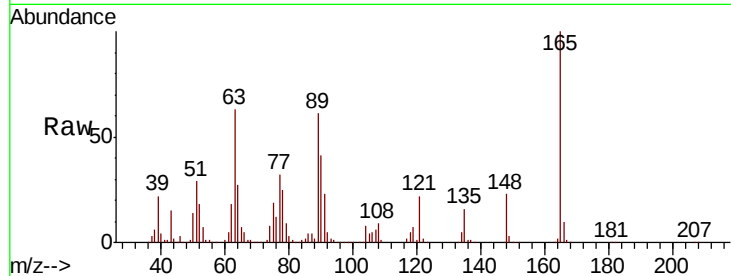
#51
 2,6-Dinitrotoluene
 Concen: 42.689 ng
 RT: 14.05 min Scan# 1881
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	438205		
63	63.0		50.4	75.6
89	61.4		49.1	73.7

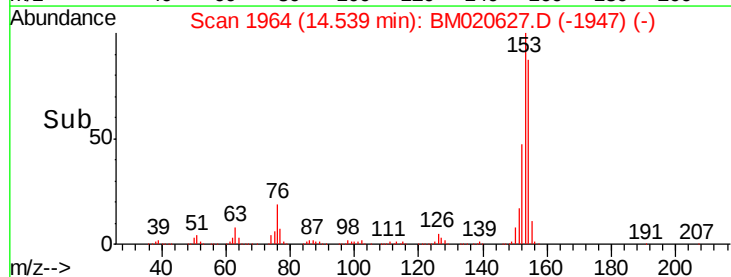
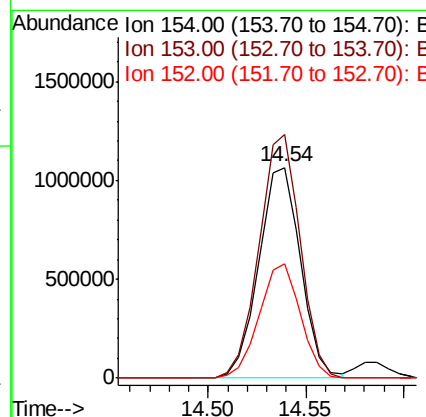
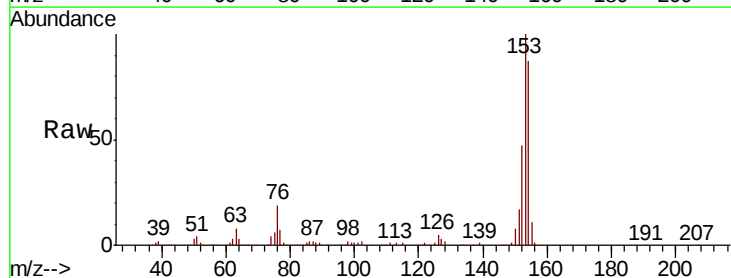
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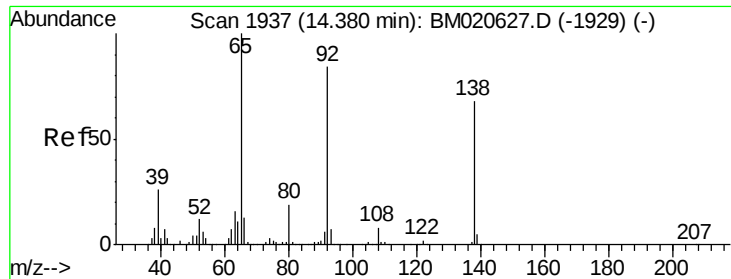
mohammad
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#52
 Acenaphthene
 Concen: 40.092 ng
 RT: 14.54 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1583172		
153	115.5		92.4	138.6
152	54.2		43.4	65.0





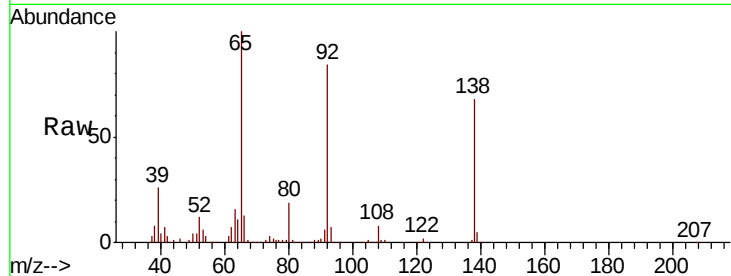
#53
3-Nitroaniline
Concen: 44.426 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.5	14.3
92	124.5	99.6	149.4

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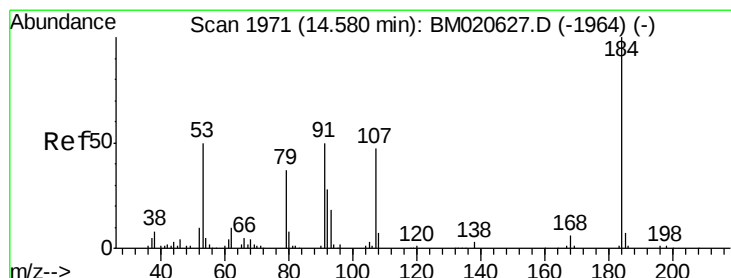
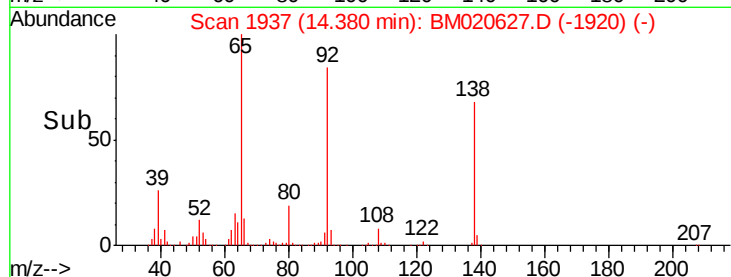
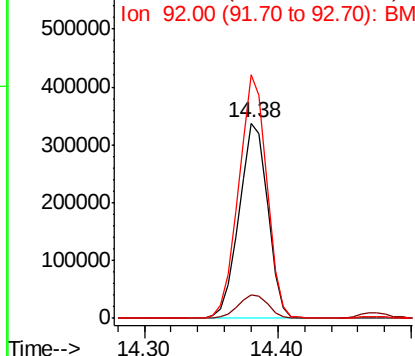


Abundance

Ion 138.00 (137.70 to 138.70): E

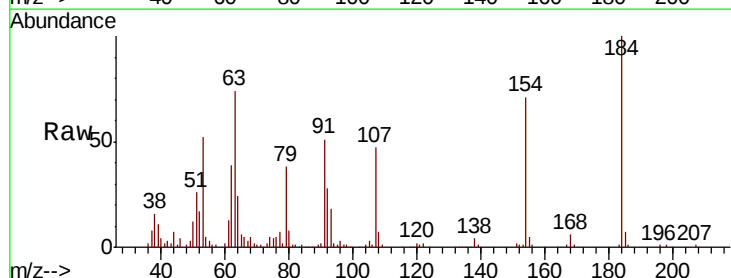
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 49.146 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.1	59.3	88.9
154	70.6	56.5	84.7

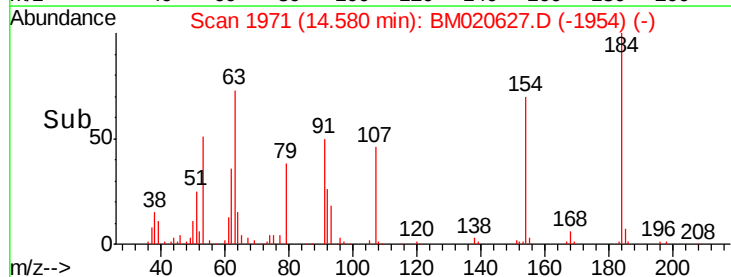
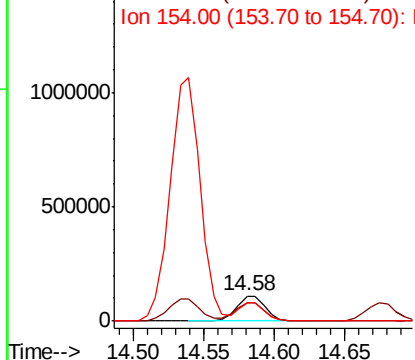


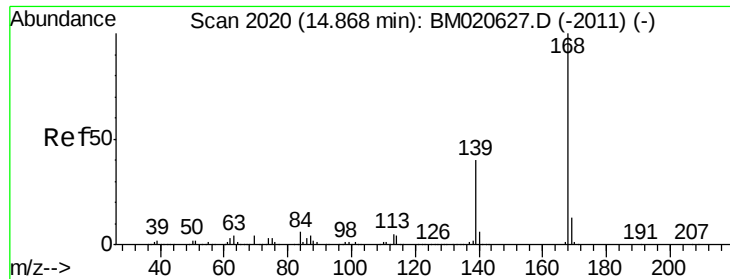
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





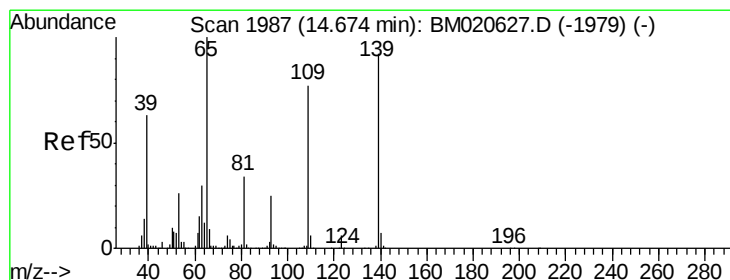
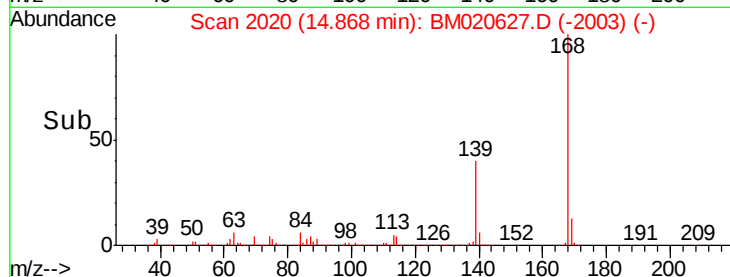
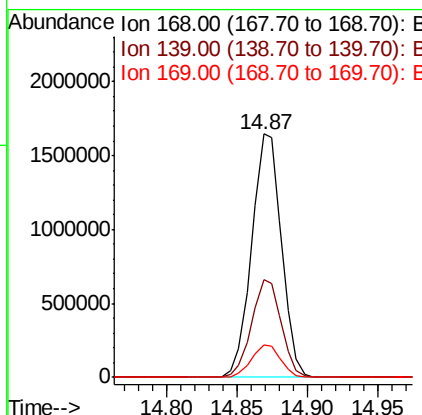
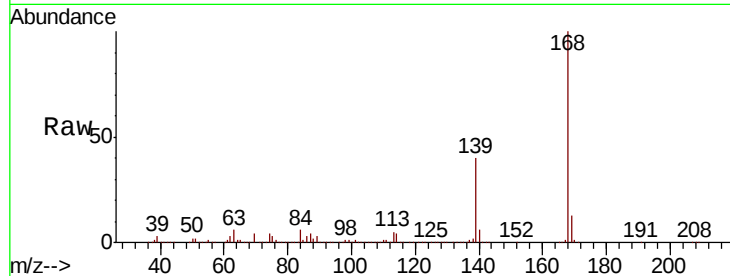
#55
Dibenzofuran
Concen: 39.831 ng
RT: 14.87 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.9	47.9
169	13.4	10.7	16.1

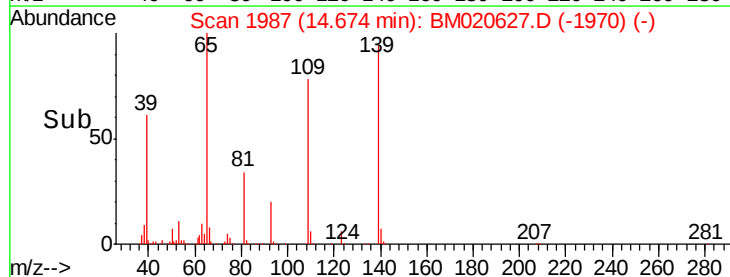
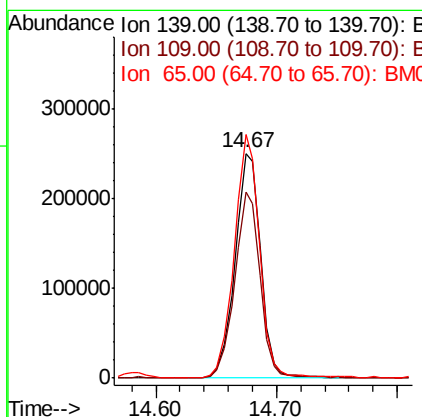
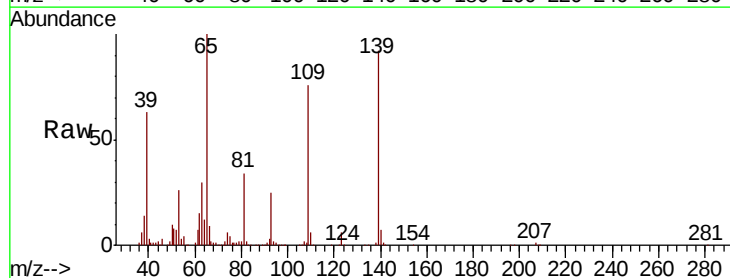
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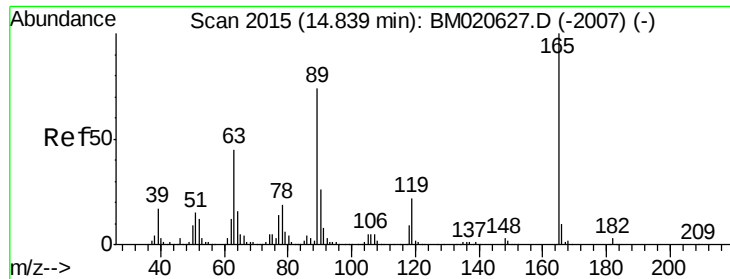
mohammad
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#56
4-Nitrophenol
Concen: 44.339 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.7	62.7	102.7
65	108.3	88.3	128.3





#57

2,4-Dinitrotoluene

Concen: 44.361 ng

RT: 14.84 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

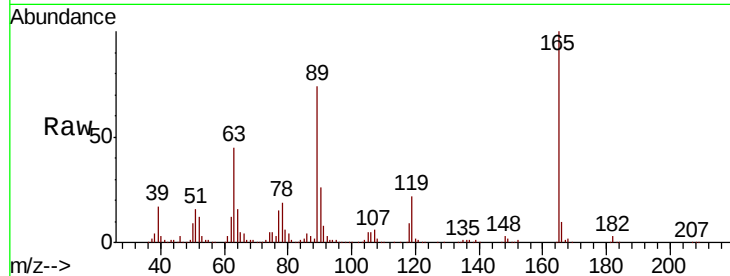
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		598558		
63	45.4	36.3	54.5		
89	73.8	59.0	88.6		
182	2.8	2.2	3.4		

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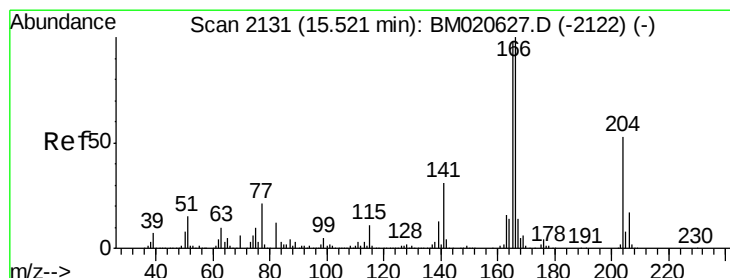
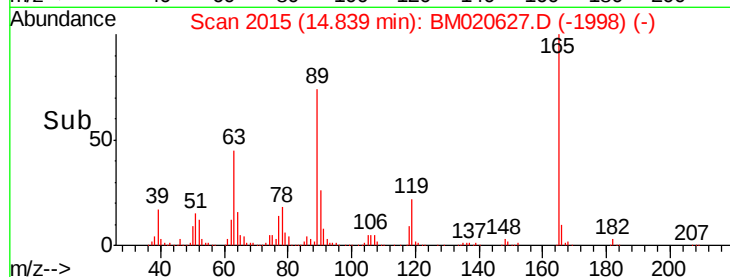
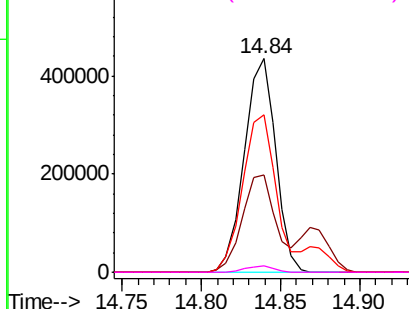
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.239 ng

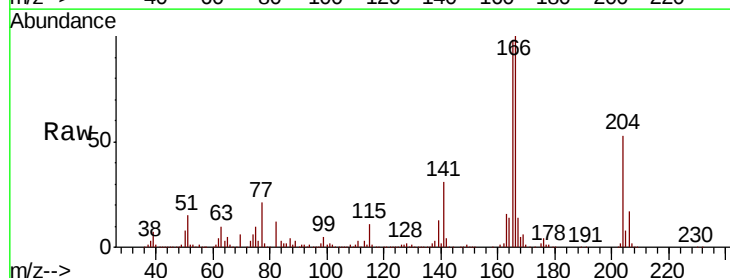
RT: 15.52 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2018570		
165	98.2	78.6	117.8		
167	13.7	11.0	16.4		

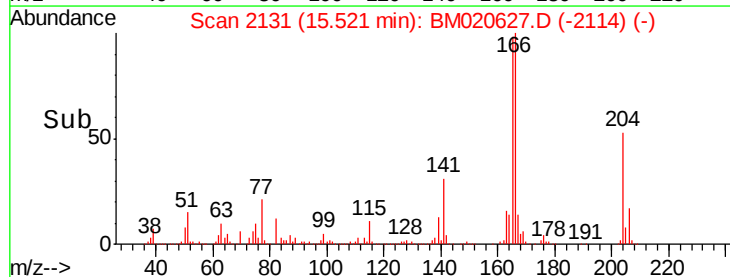
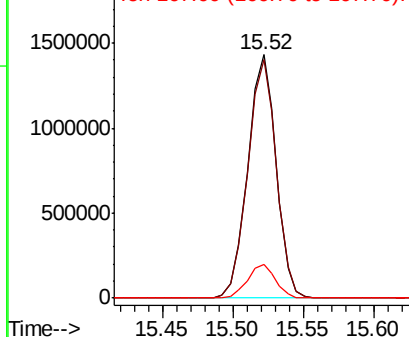


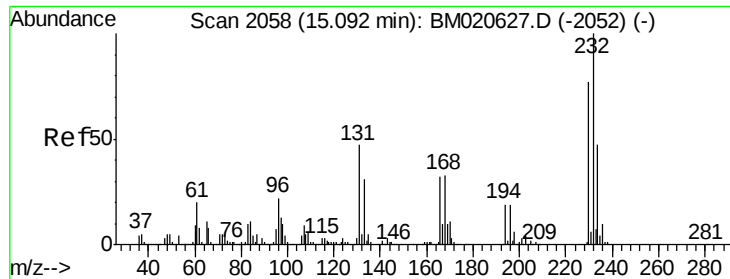
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





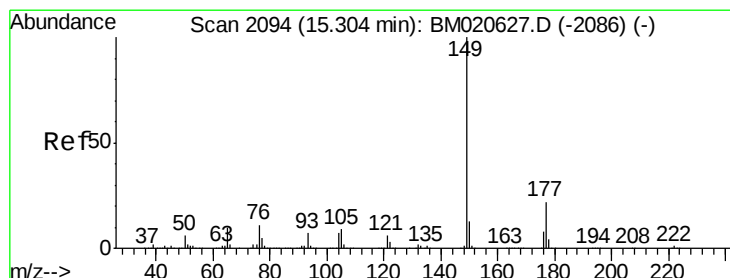
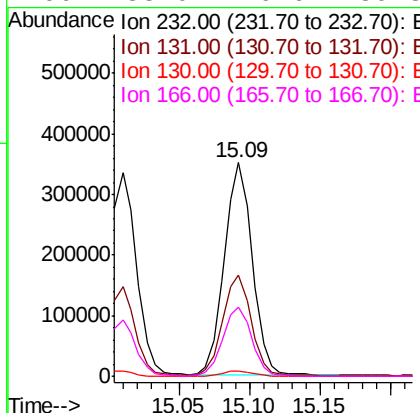
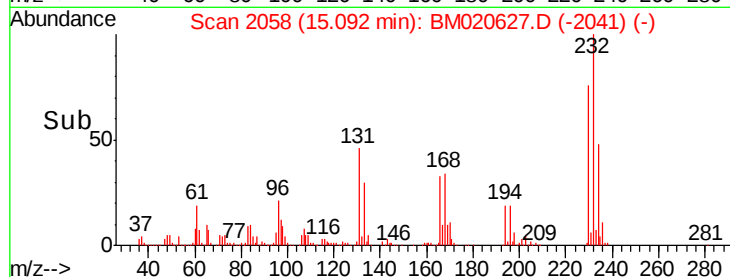
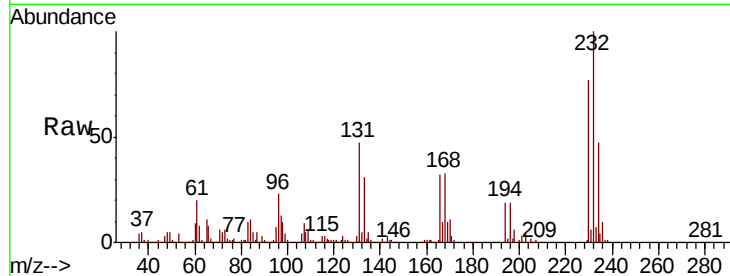
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.764 ng
RT: 15.09 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	38.6	57.8
130	2.8	2.2	3.2
166	33.0	26.6	39.8

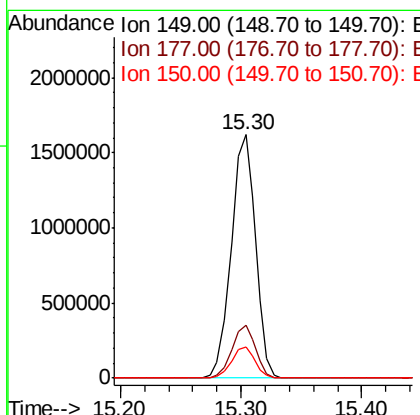
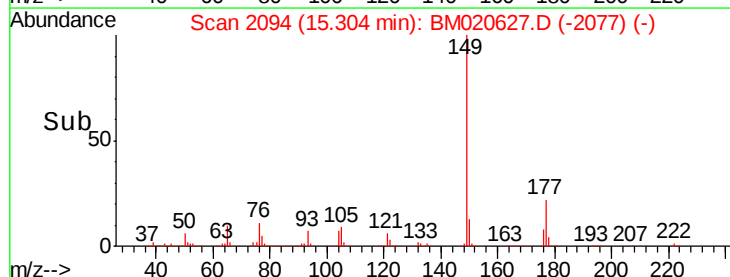
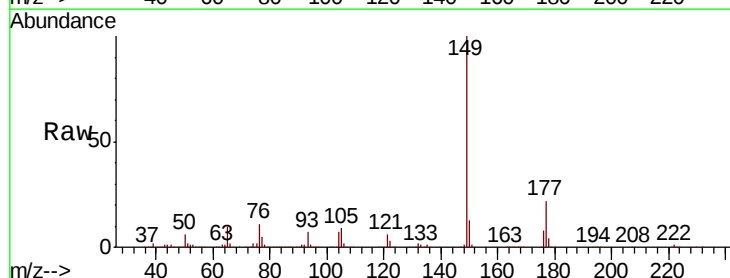
Manual Integrations
APPROVED

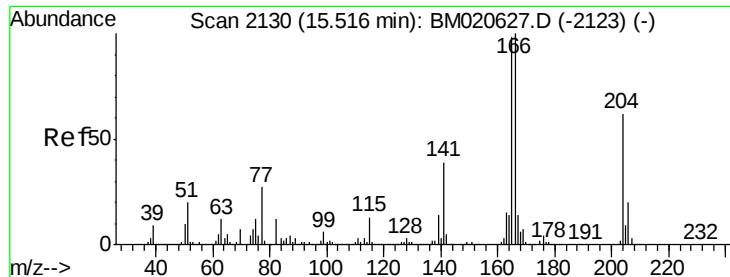
mohammad
6/3/2019 8:48:33 AM



#60
Diethylphthalate
Concen: 41.366 ng
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.6	10.1	15.1





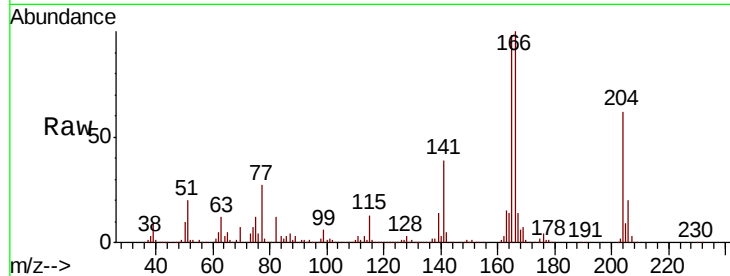
#61
4-Chlorophenyl-phenylether
Concen: 39.178 ng
RT: 15.52 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleID :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	62.8	50.2	75.4

Manual Integrations
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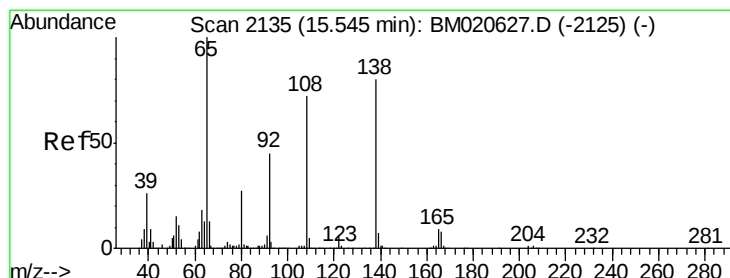
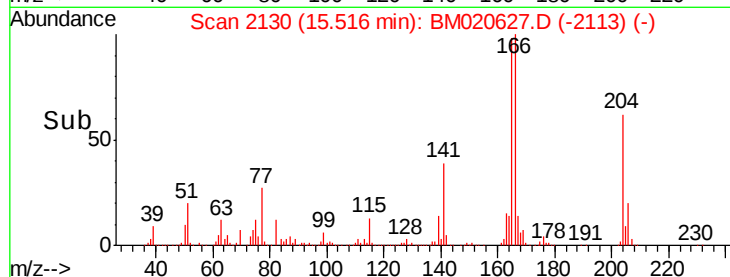
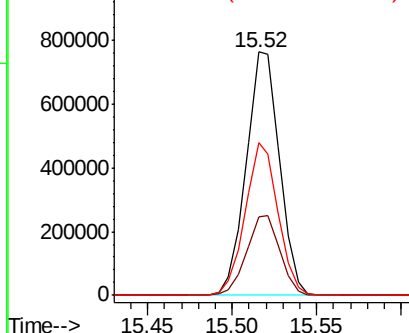


Abundance

Ion 204.00 (203.70 to 204.70): E

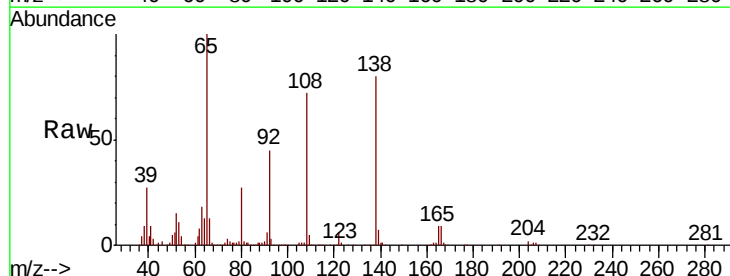
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.343 ng
RT: 15.54 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	36.7	76.7
108	90.3	70.3	110.3

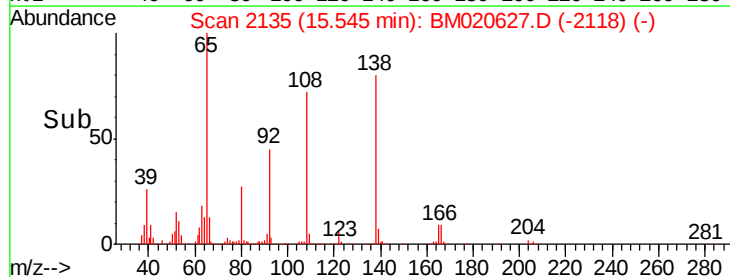
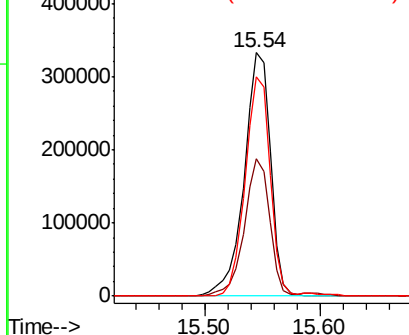


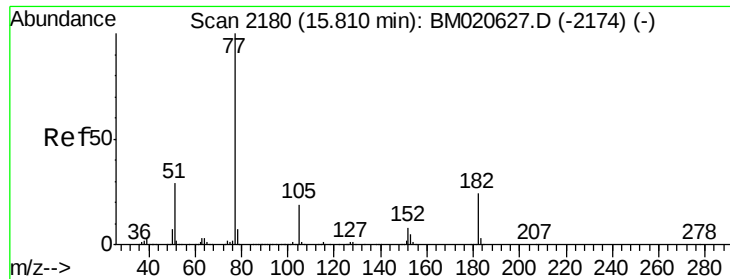
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





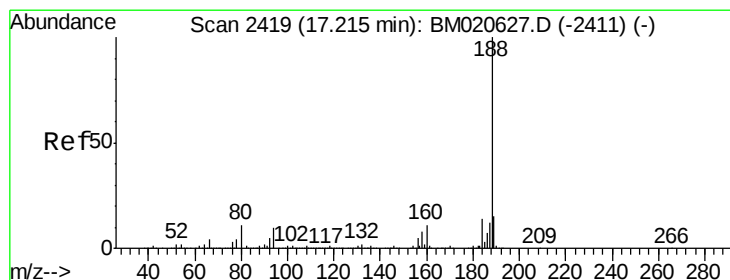
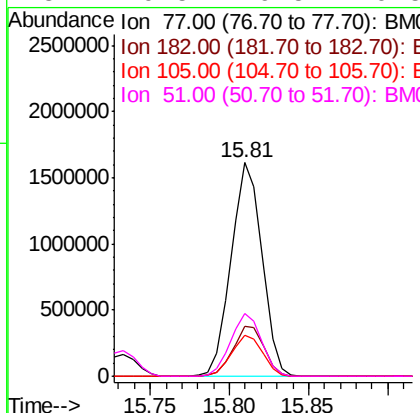
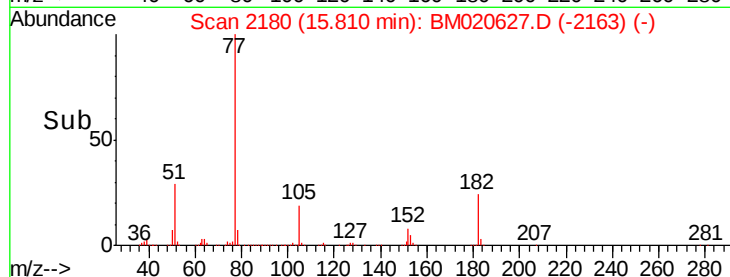
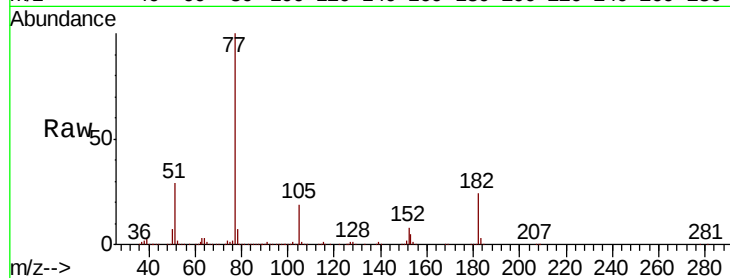
#63
Azobenzene
Concen: 42.362 ng
RT: 15.81 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	3.6	43.6
105	19.4	0.0	39.4
51	29.5	9.5	49.5

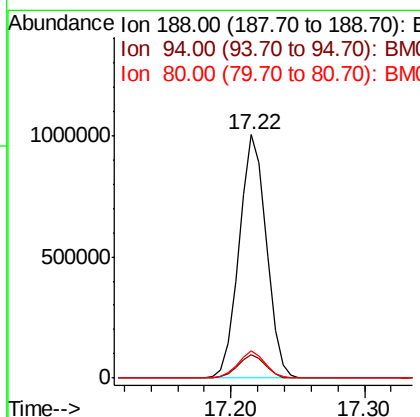
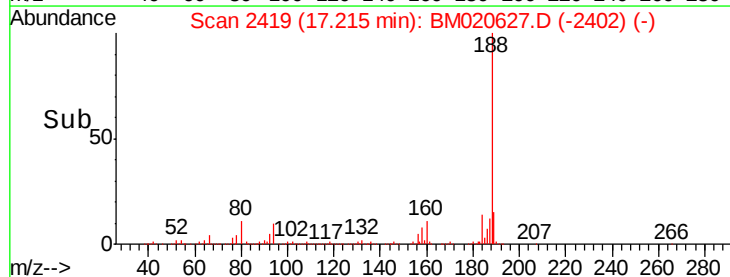
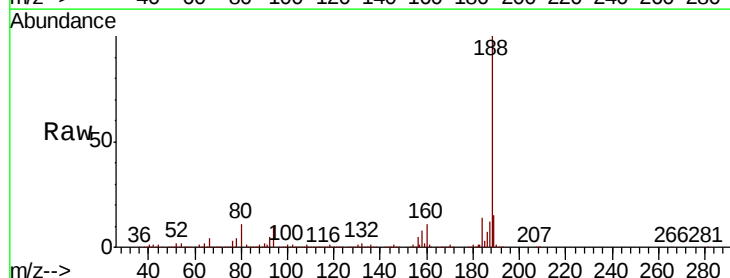
Manual Integrations
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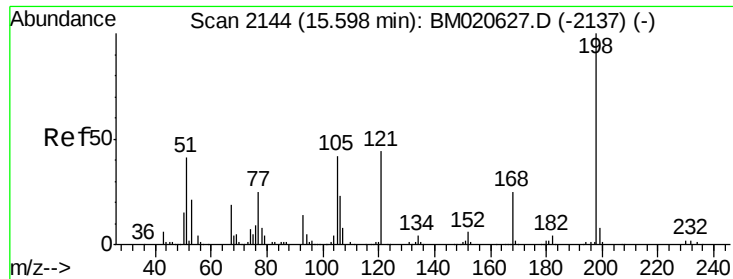
mohammad
6/3/2019 8:48:33 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.8
80	11.3	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 46.640 ng

RT: 15.60 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:198 Resp: 225652

Ion Ratio Lower Upper

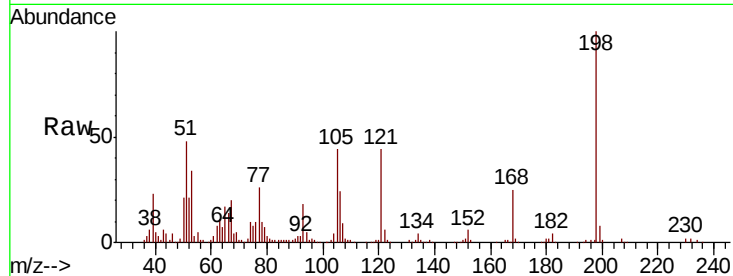
198 100

51 47.7 27.7 67.7

105 43.8 23.8 63.8

Manual Integrations
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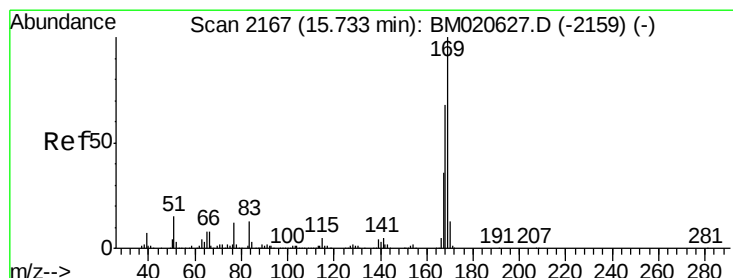
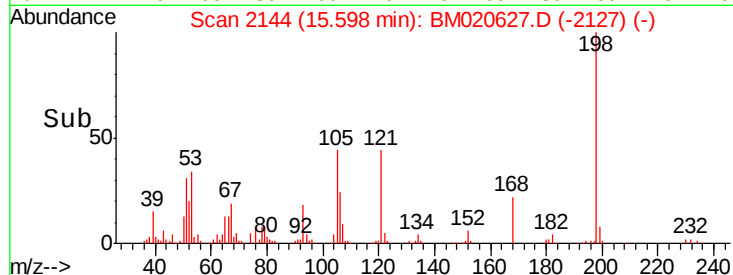
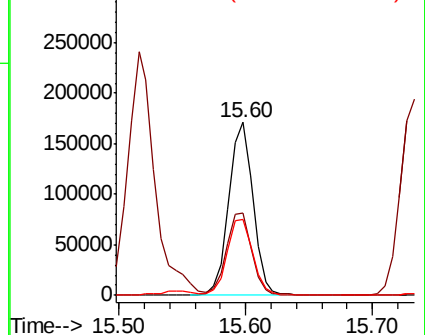
mohammad
6/3/2019 8:48:33 AM



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: 39.168 ng

RT: 15.73 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

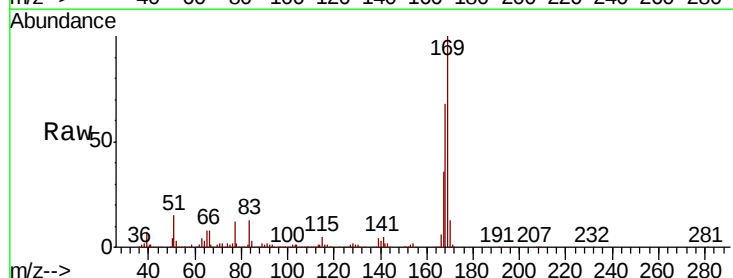
Tgt Ion:169 Resp: 1770821

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

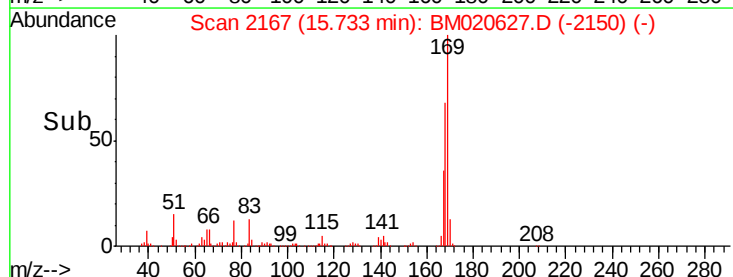
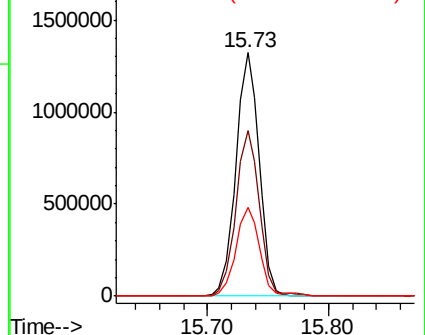
167 36.4 29.1 43.7

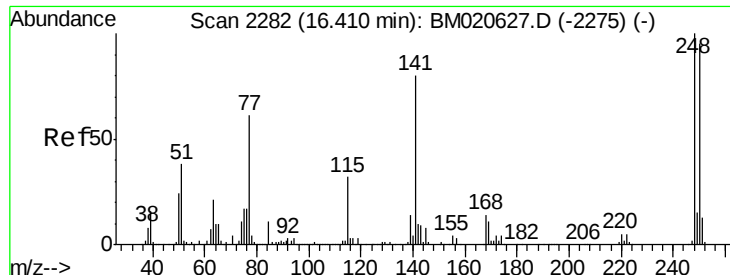


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





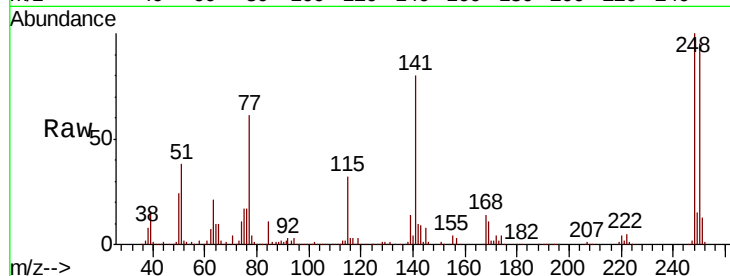
#67
4-Bromophenyl-phenylether
Concen: 37.164 ng
RT: 16.41 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.3	114.5
141	80.2	64.2	96.2

Manual Integrations
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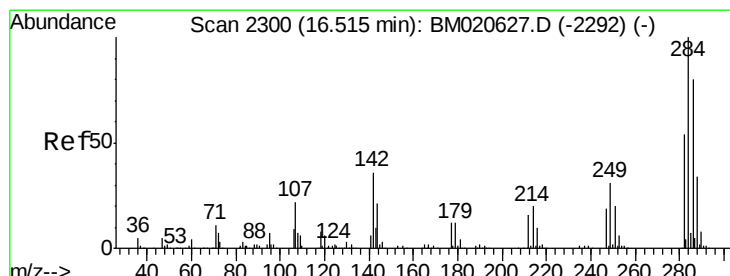
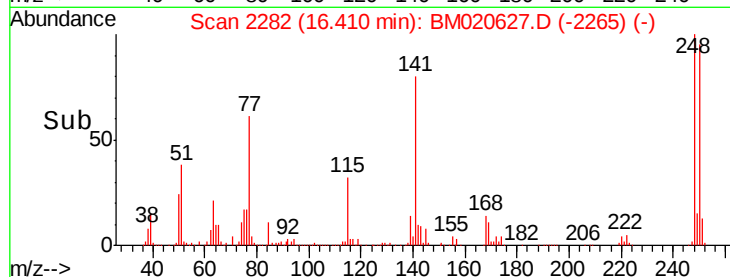
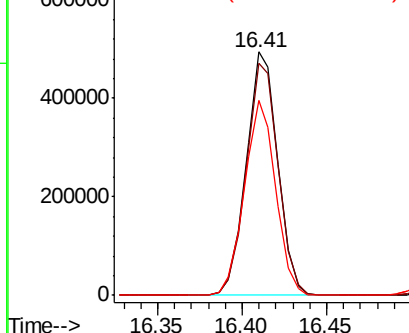


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.869 ng
RT: 16.52 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

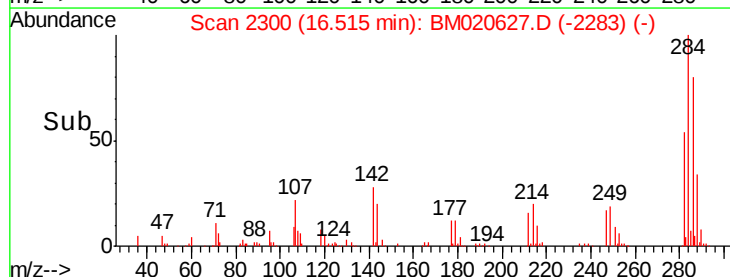
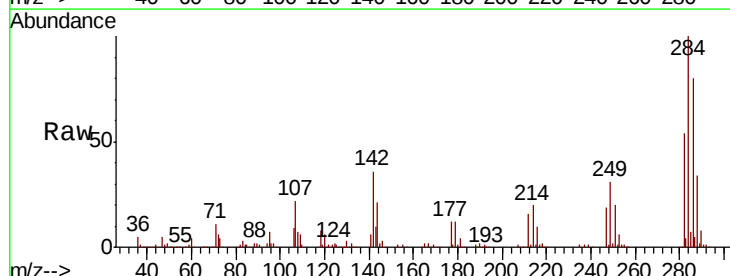
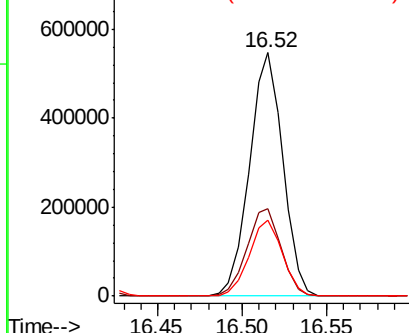
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.6	42.8
249	31.2	25.0	37.4

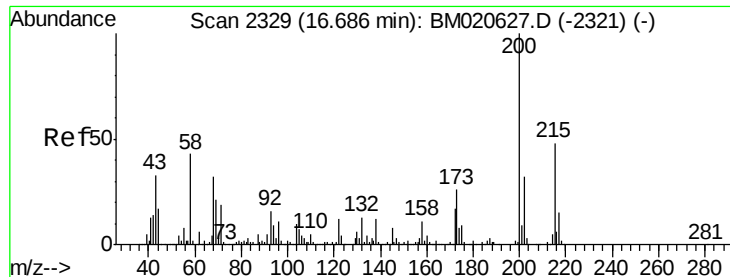
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.645 ng

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:200 Resp: 594429

Ion Ratio Lower Upper

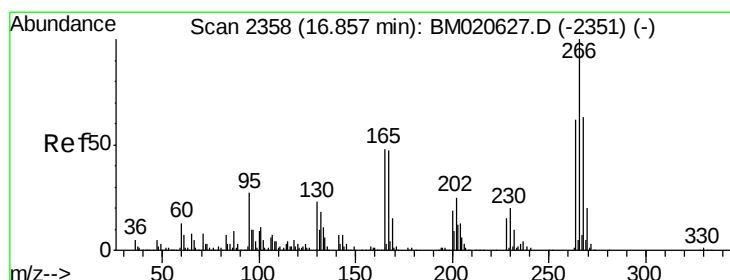
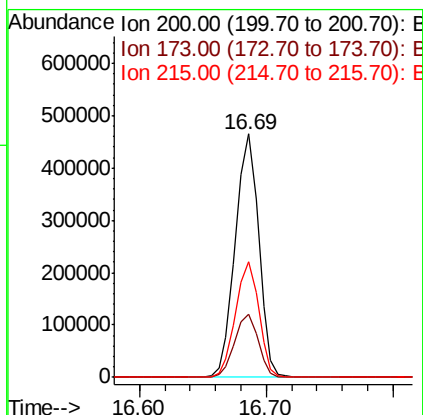
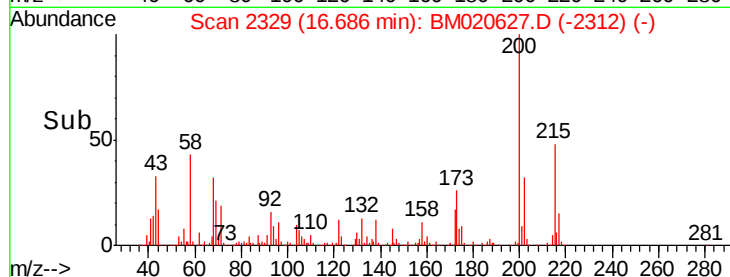
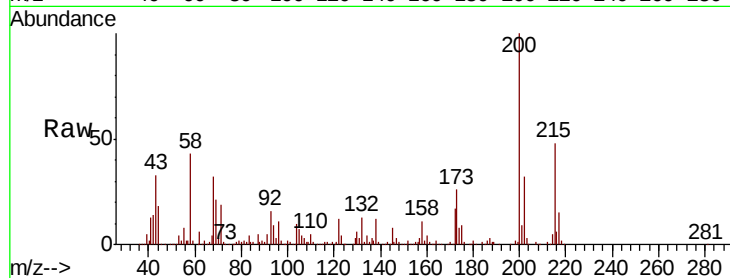
200 100

173 26.2 6.2 46.2

215 47.7 27.7 67.7

Manual Integrations
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#70

Pentachlorophenol

Concen: 40.659 ng

RT: 16.86 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

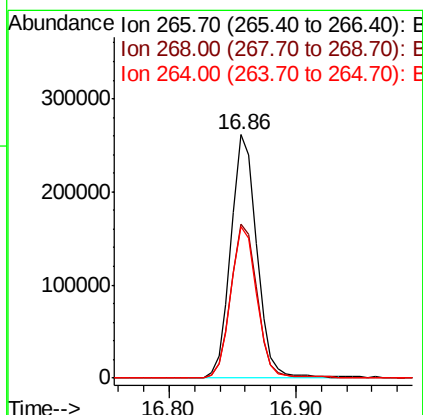
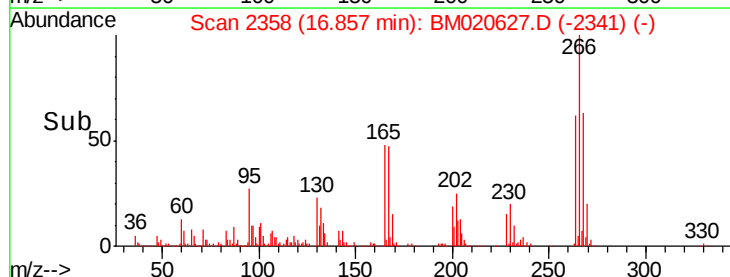
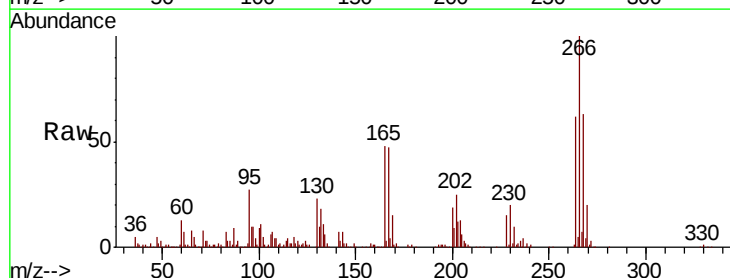
Tgt Ion:266 Resp: 370631

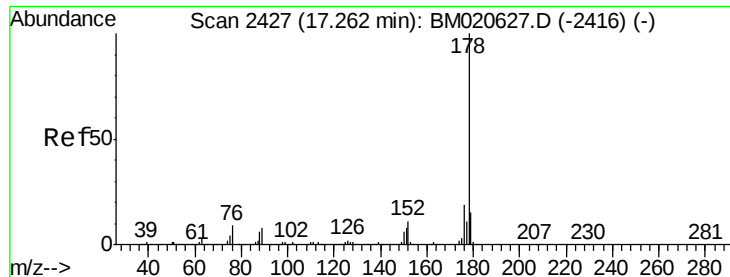
Ion Ratio Lower Upper

266 100

268 63.2 50.6 75.8

264 62.0 49.6 74.4





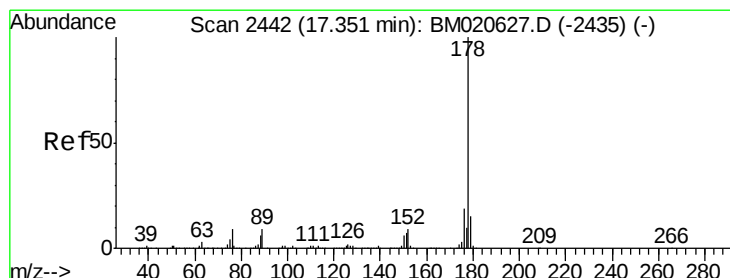
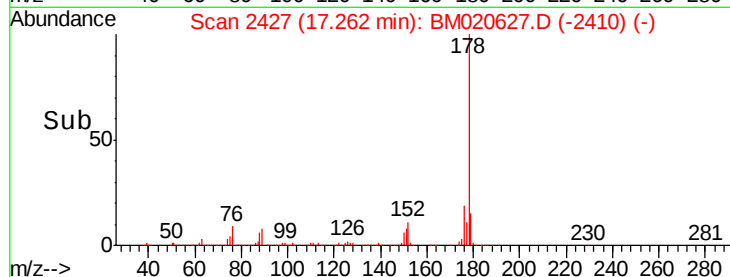
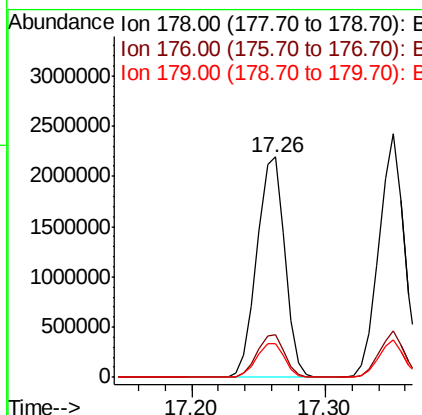
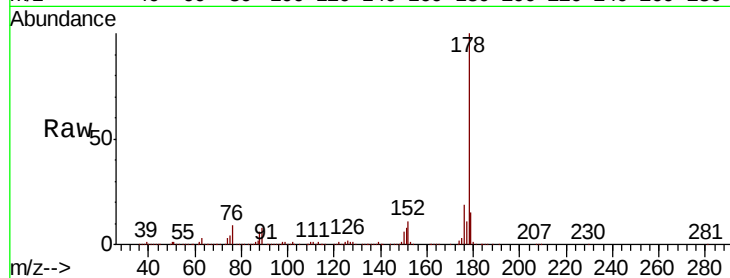
#71
Phenanthrene
Concen: 39.719 ng
RT: 17.26 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.2	18.4

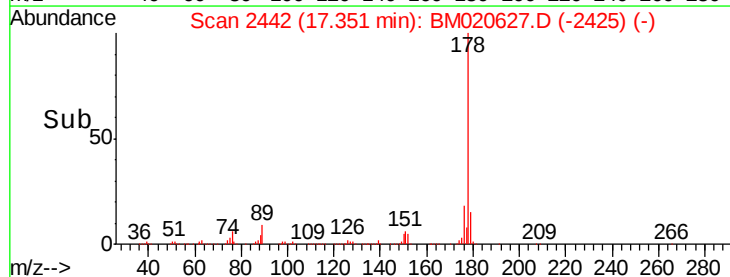
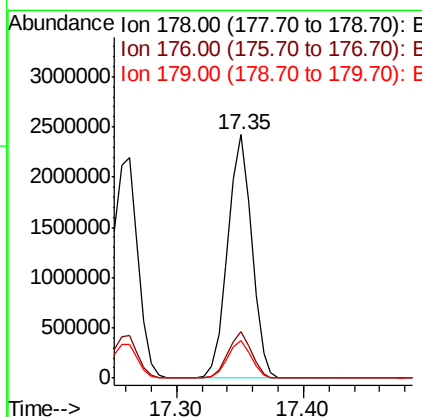
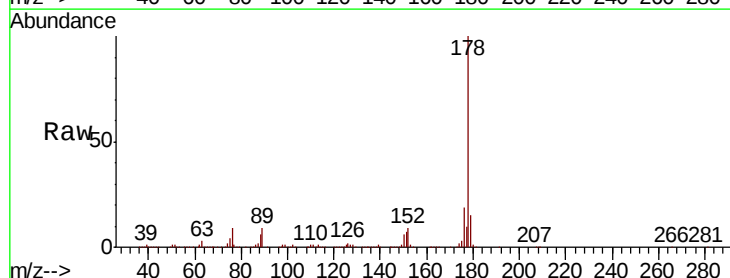
Manual Integrations
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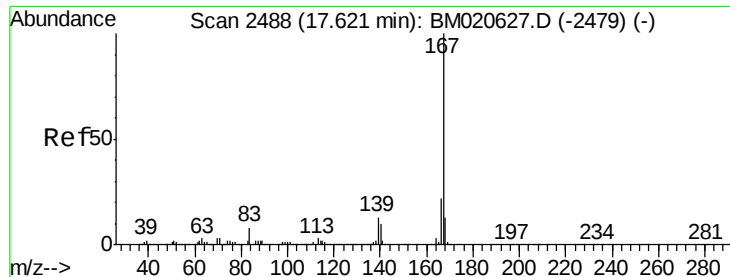
mohammad
6/3/2019 8:48:33 AM



#72
Anthracene
Concen: 39.785 ng
RT: 17.35 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	12.3	18.5





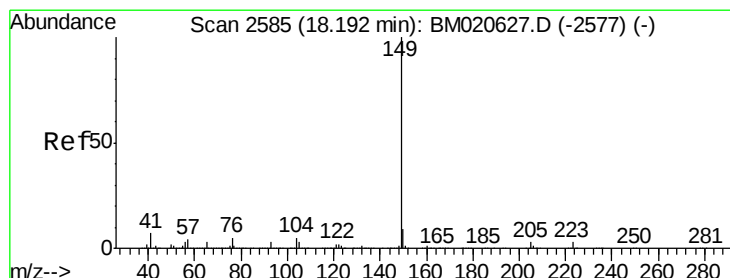
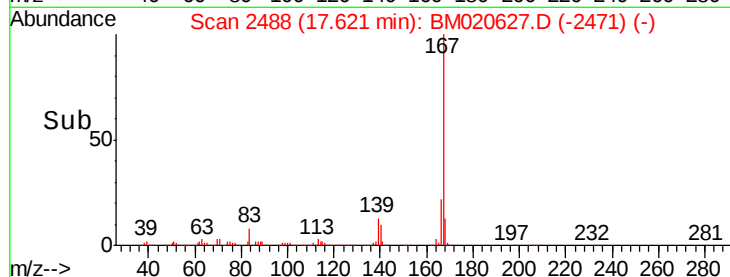
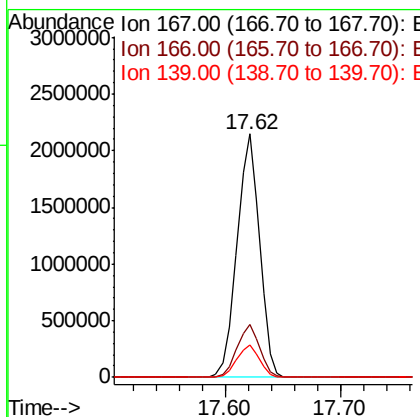
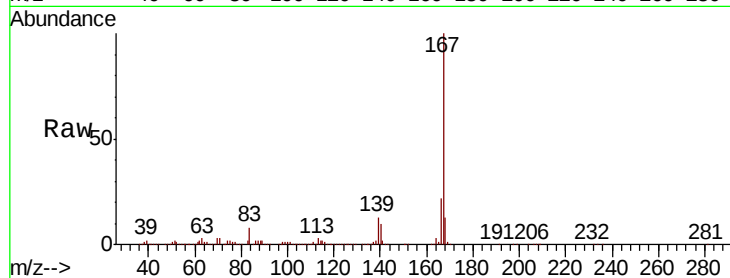
#73
 Carbazole
 Concen: 40.047 ng
 RT: 17.62 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.2	10.6	15.8

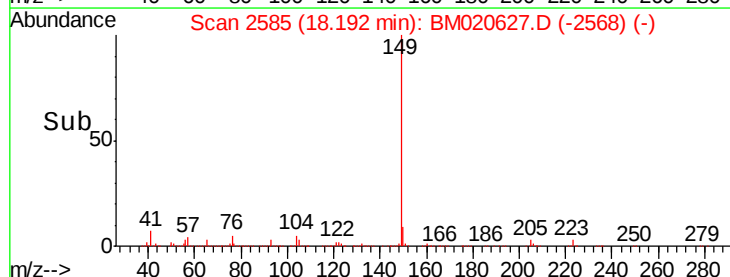
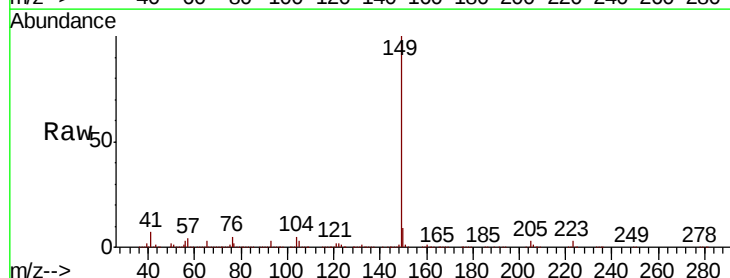
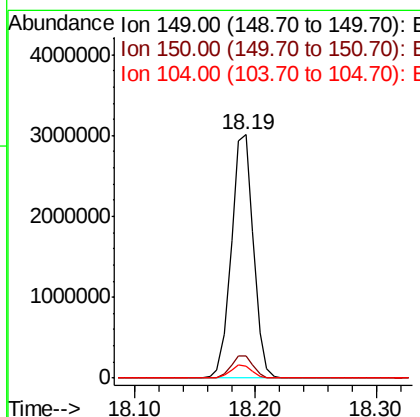
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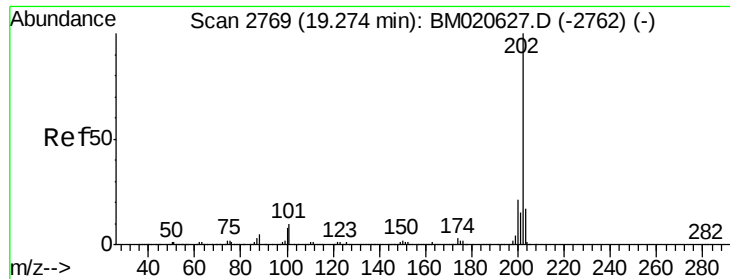
mohammad
 6/3/2019 8:48:33 AM



#74
 Di-n-butylphthalate
 Concen: 40.570 ng
 RT: 18.19 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.2	4.2	6.2





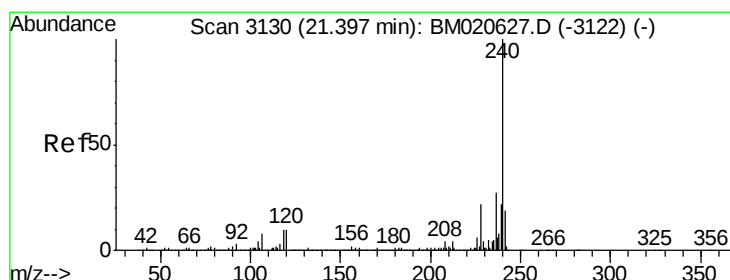
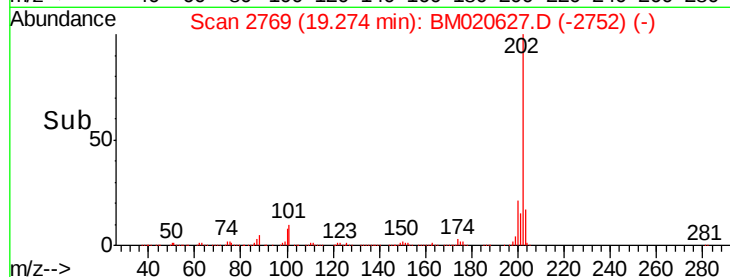
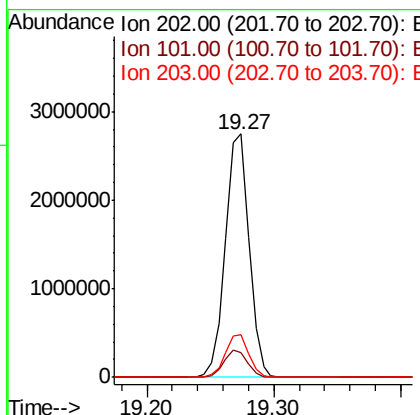
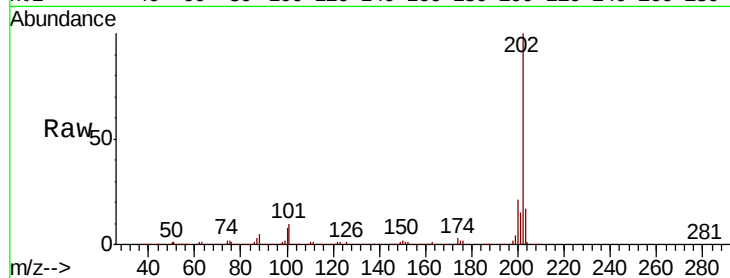
#75
 Fluoranthene
 Concen: 39.306 ng
 RT: 19.27 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.3	0.0	37.3

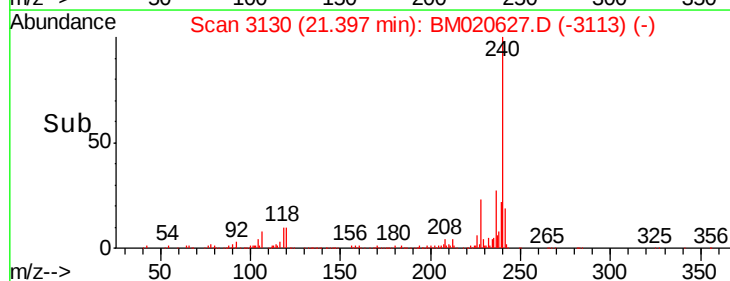
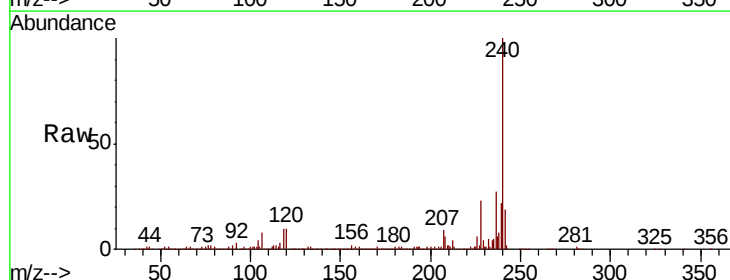
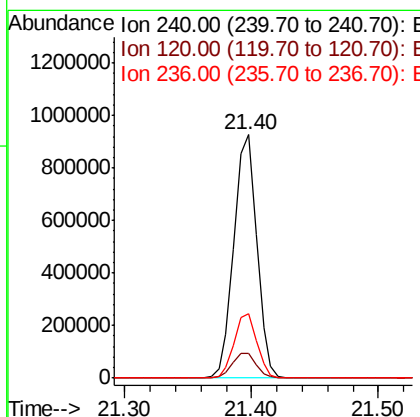
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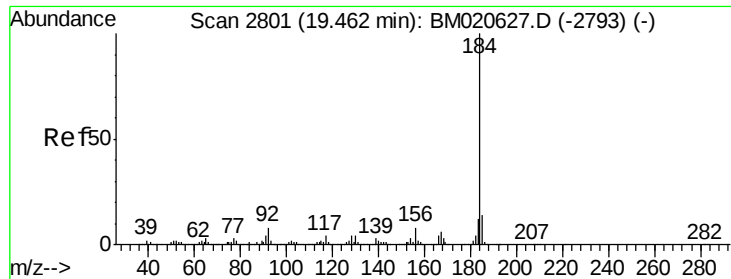
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	26.5	21.2	31.8





#77

Benzidine

Concen: 42.191 ng

RT: 19.46 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 1601620

Ion Ratio Lower Upper

184 100

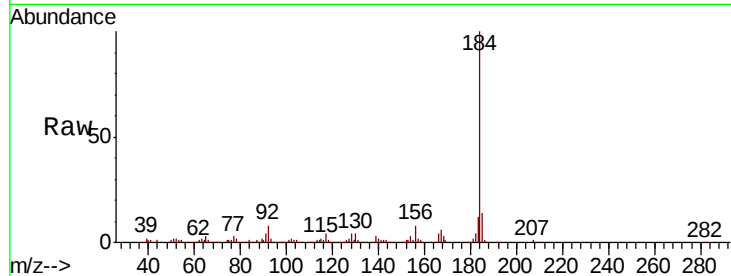
185 14.1 11.3 16.9

183 12.2 9.8 14.6

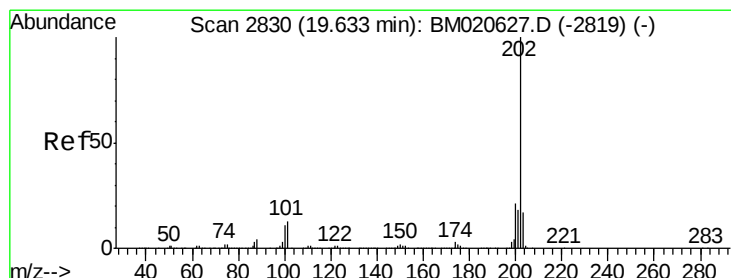
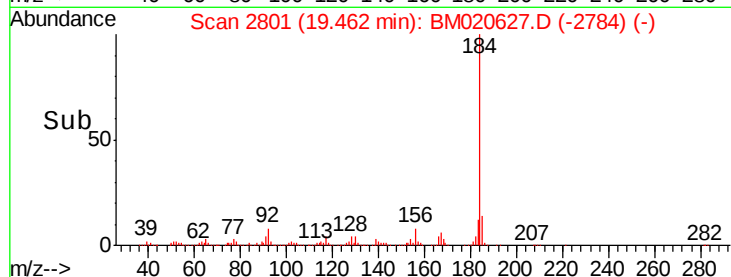
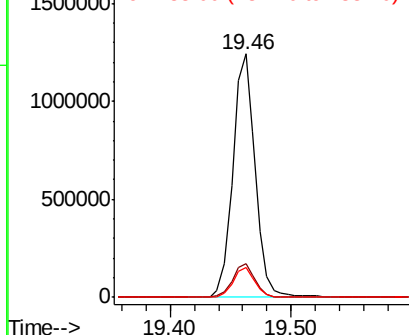
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.230 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

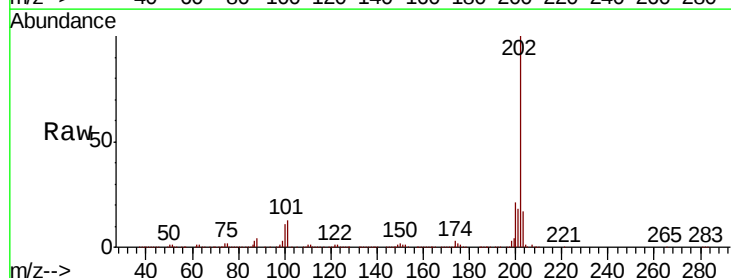
Tgt Ion:202 Resp: 3597094

Ion Ratio Lower Upper

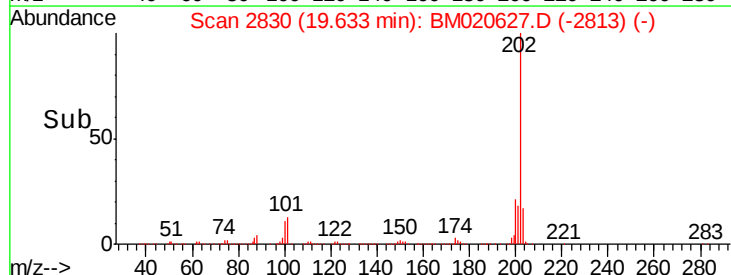
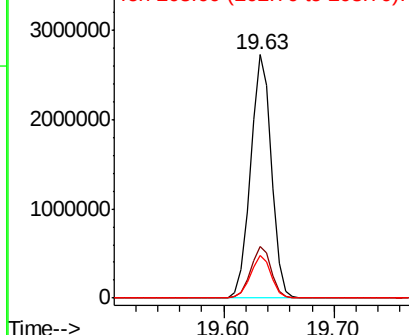
202 100

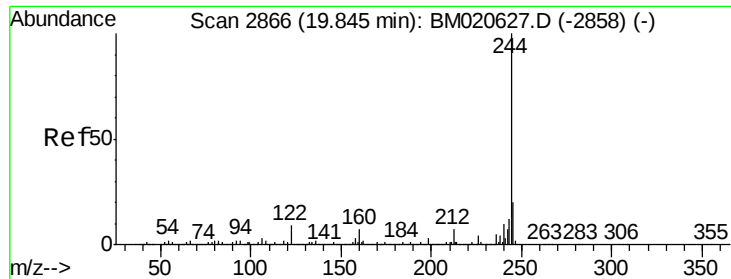
200 21.0 16.8 25.2

203 17.4 13.9 20.9



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





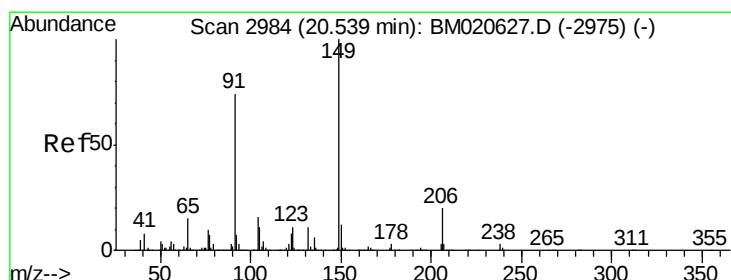
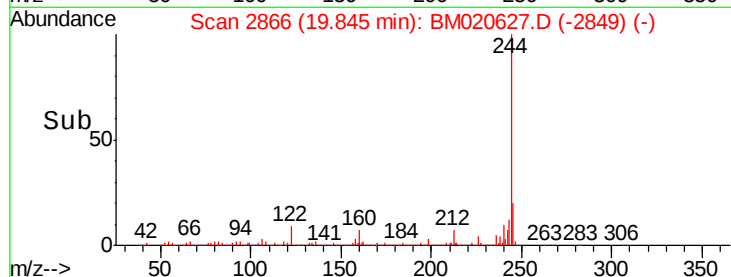
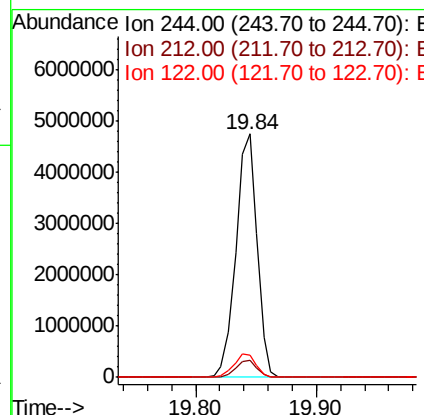
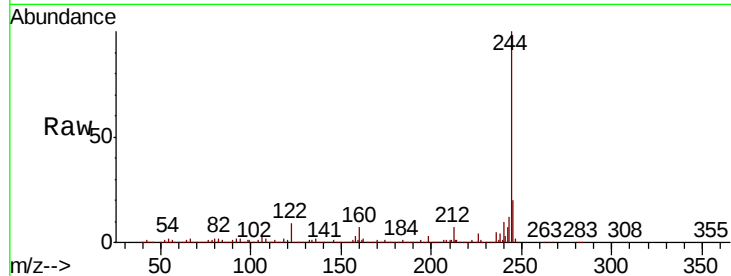
#79
 Terphenyl-d14
 Concen: 87.368 ng
 RT: 19.84 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.0	7.2	10.8

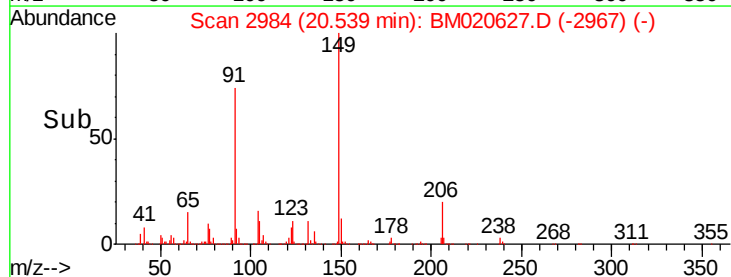
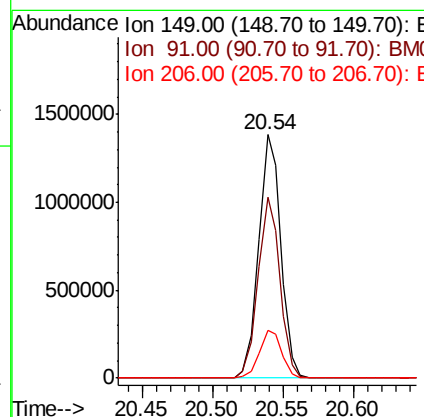
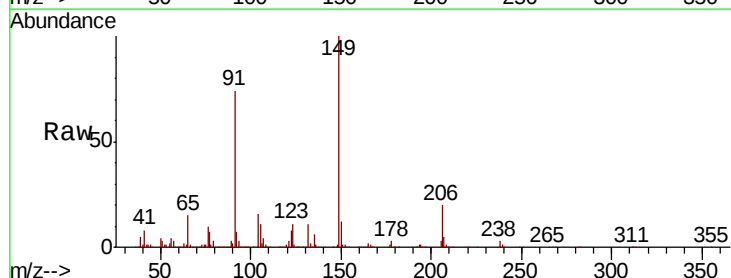
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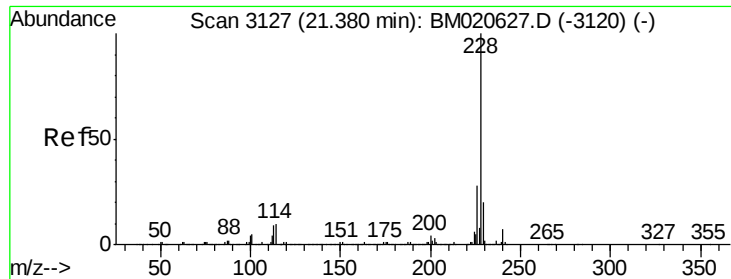
mohammad
 6/3/2019 8:48:33 AM



#80
 Butylbenzylphthalate
 Concen: 43.010 ng
 RT: 20.54 min Scan# 2984
 Delta R.T. 0.00 min
 Lab File: BM020627.D
 Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	59.6	89.4
206	19.6	15.7	23.5





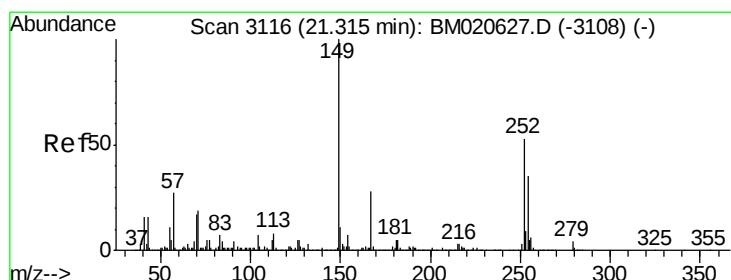
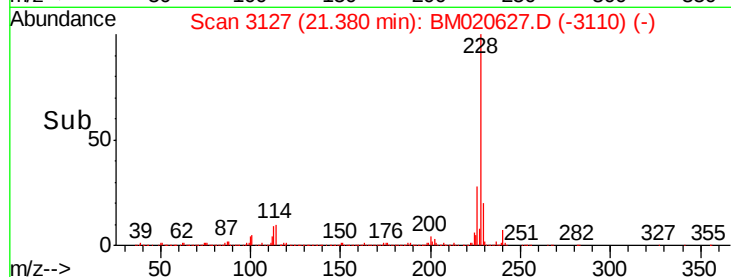
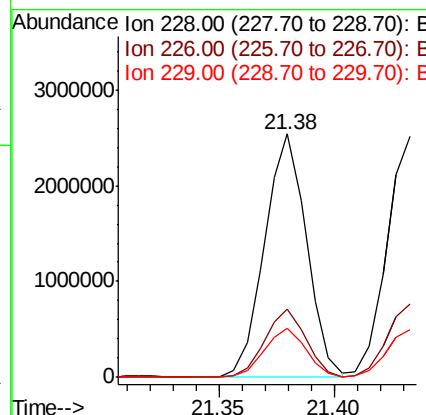
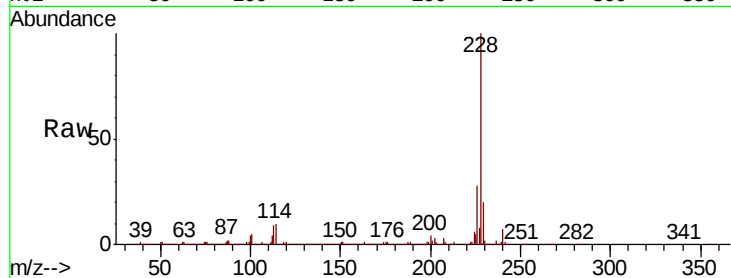
#81
Benzo(a)anthracene
Concen: 39.954 ng
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.9	15.9	23.9

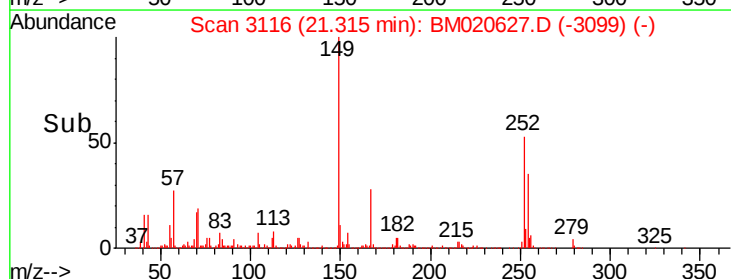
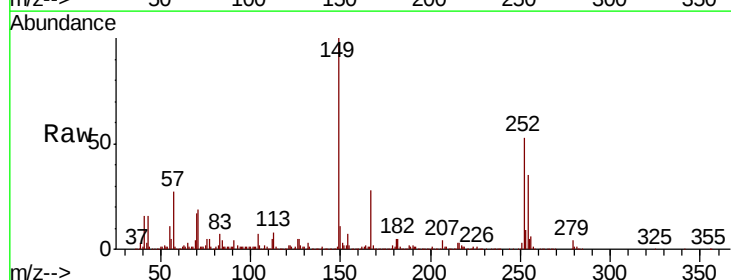
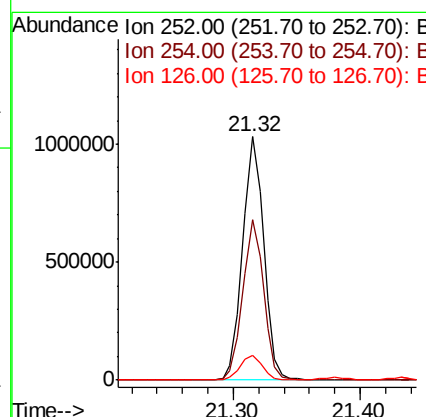
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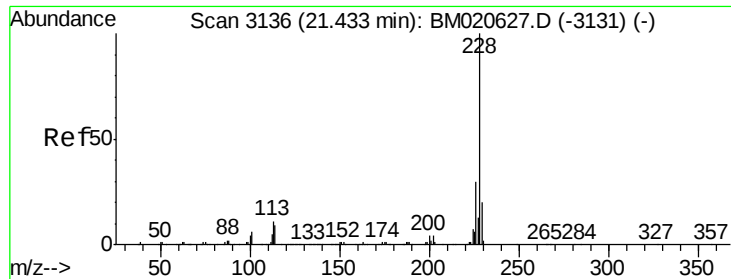
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.061 ng
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.6	78.8
126	10.0	8.0	12.0





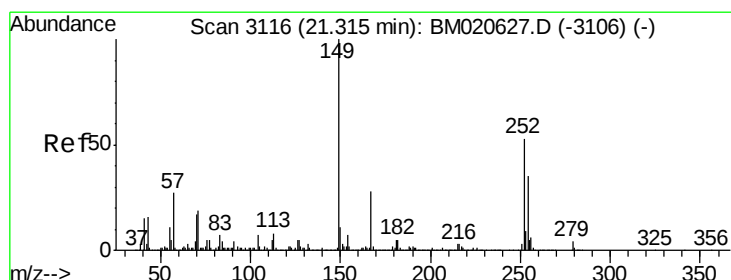
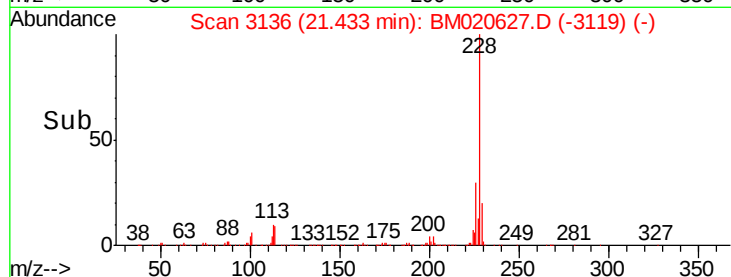
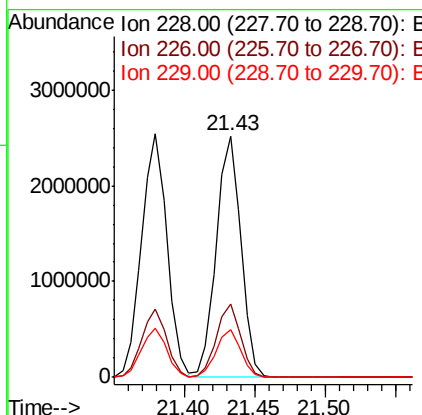
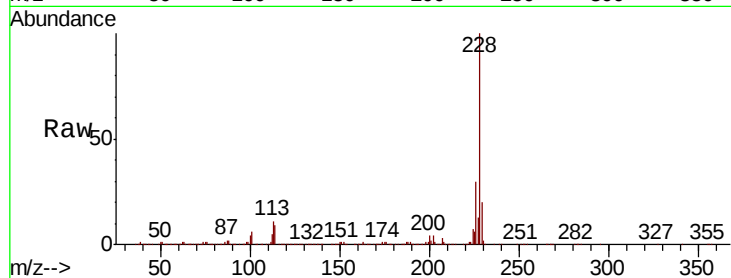
#83
Chrysene
Concen: 40.057 ng
RT: 21.43 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.8	23.6

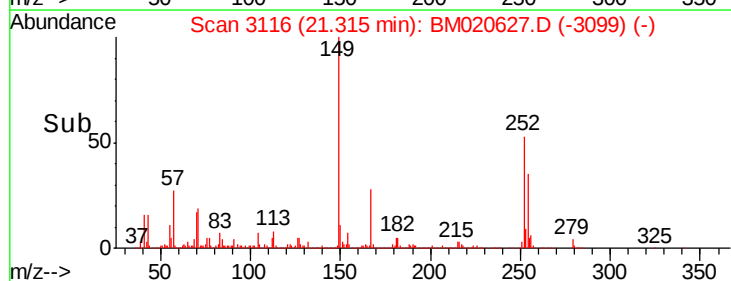
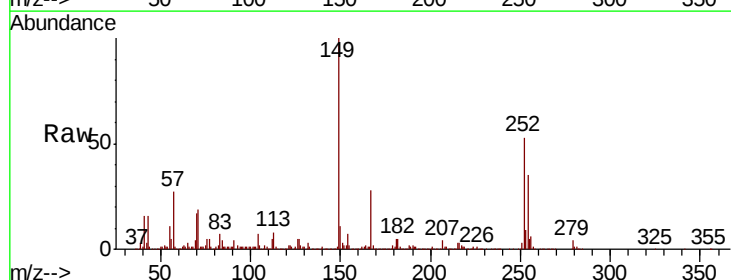
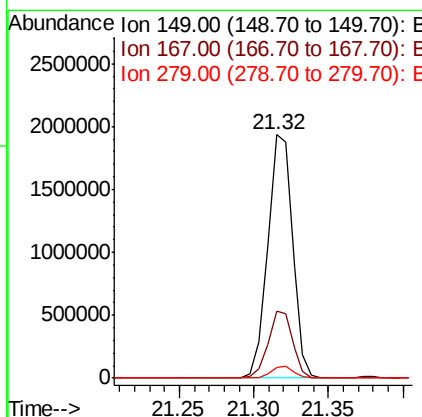
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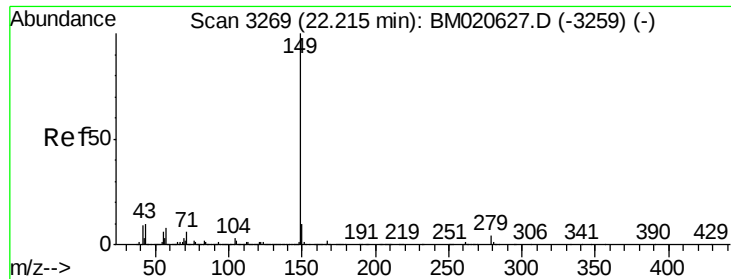
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.545 ng
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.2	3.4	5.0





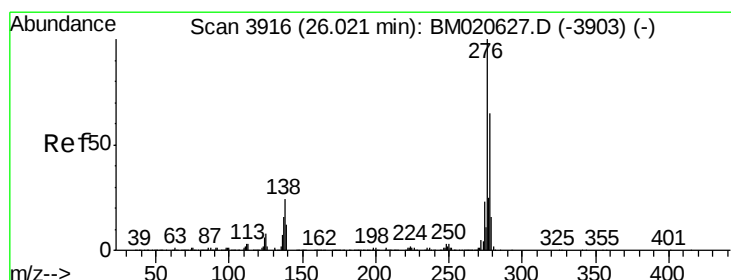
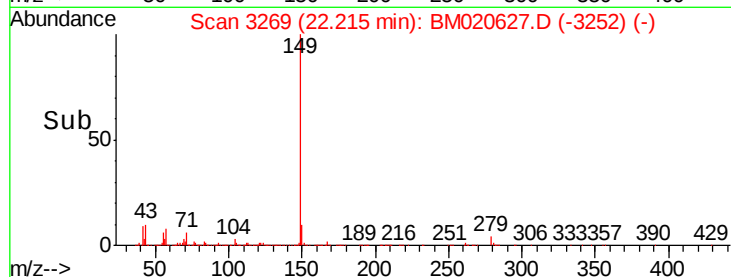
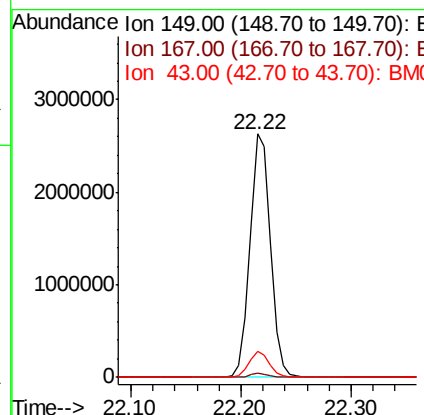
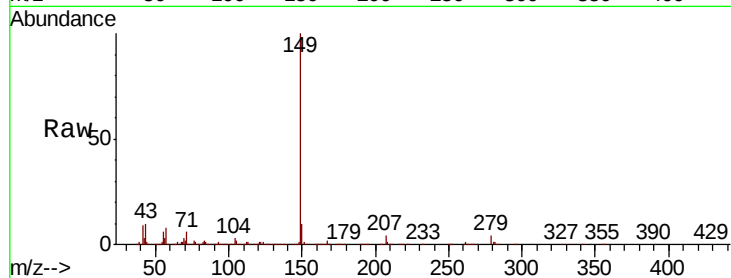
#85
Di-n-octyl phthalate
Concen: 39.117 ng
RT: 22.22 min Scan# 3269
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	8.2	12.4

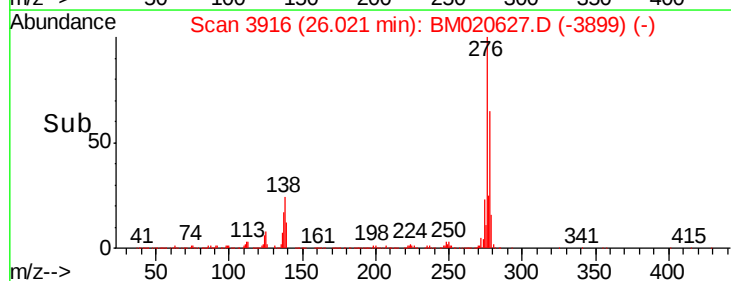
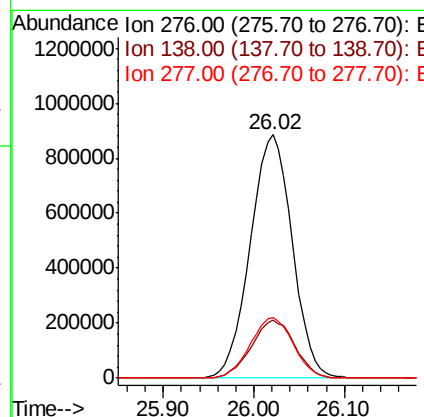
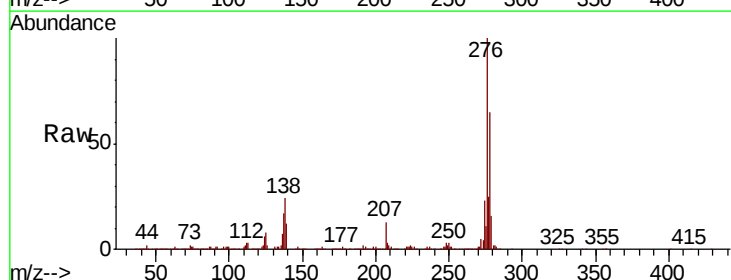
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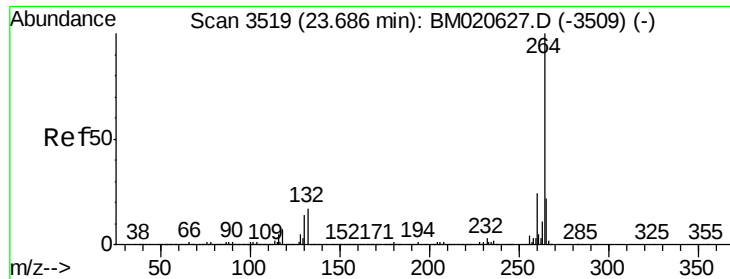
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.056 ng
RT: 26.02 min Scan# 3916
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.3	20.2	30.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

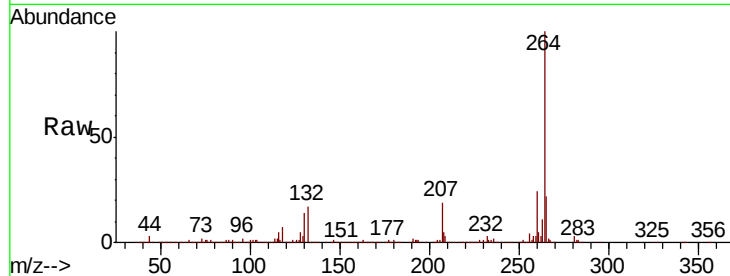
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:264 Resp: 1061433

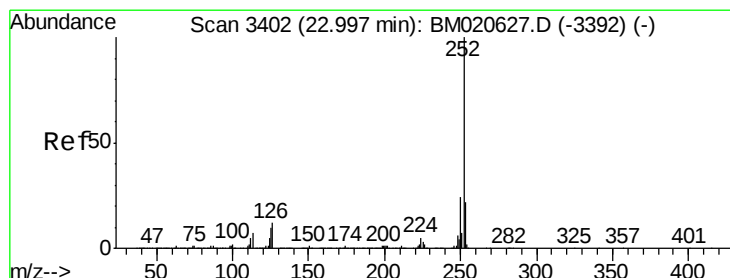
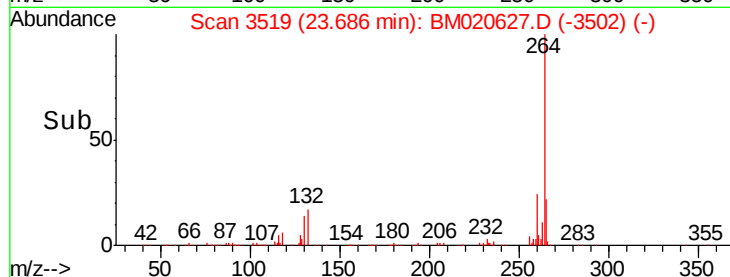
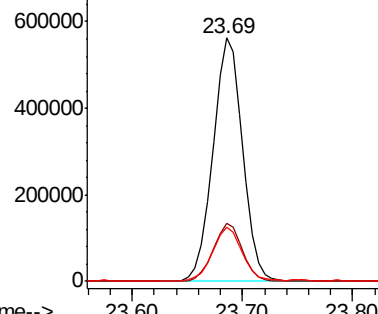
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.6	26.4

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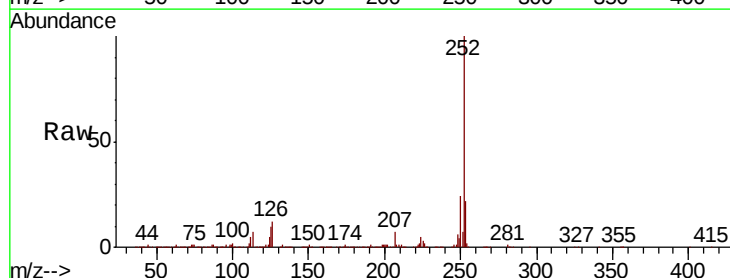
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



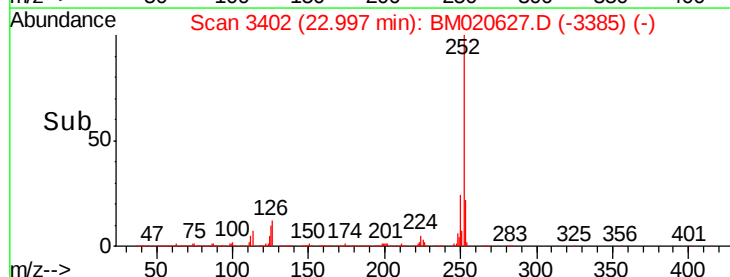
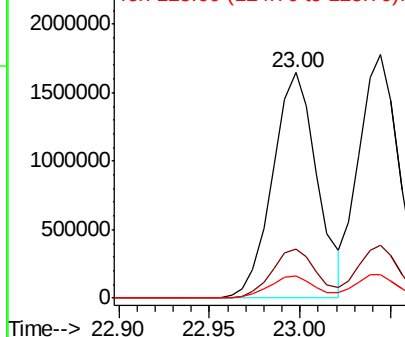
#88
Benzo(b)fluoranthene
Concen: 40.978 ng
RT: 23.00 min Scan# 3402
Delta R.T. 0.00 min
Lab File: BM020627.D
Acq: 31 May 2019 12:24

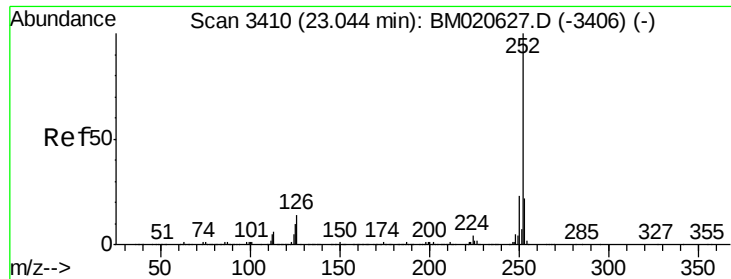
Tgt Ion:252 Resp: 2825064

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.8	7.8	11.8



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: 41.119 ng

RT: 23.04 min Scan# 3410

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:252 Resp: 2714620

Ion Ratio Lower Upper

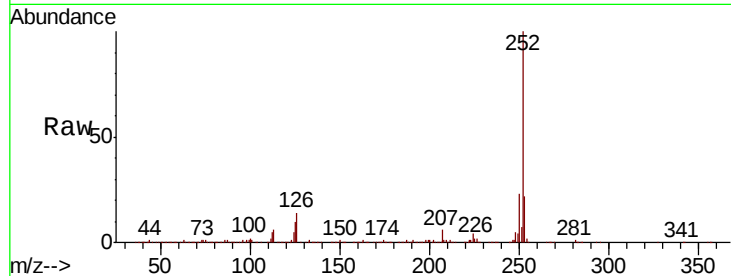
252 100

253 21.8 17.4 26.2

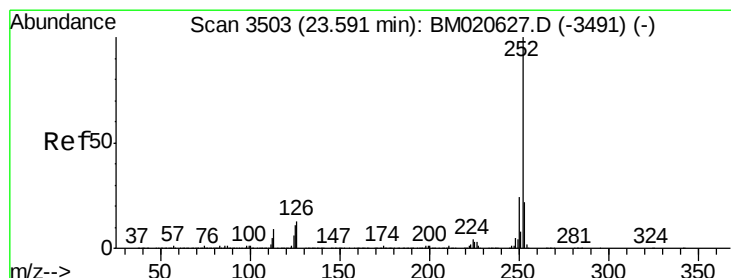
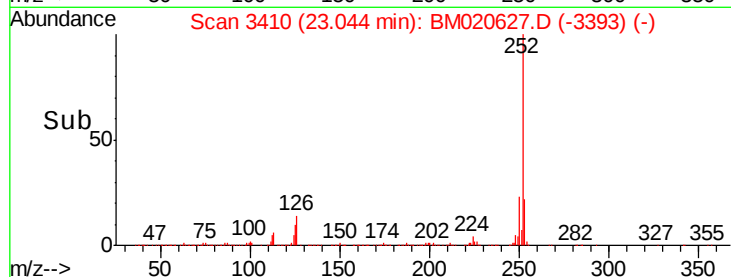
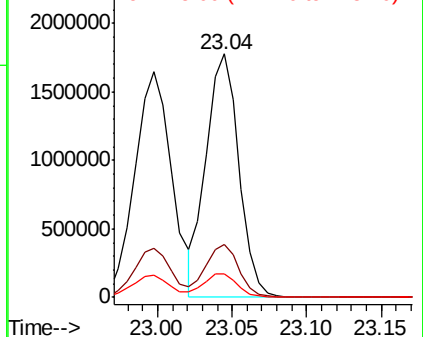
125 9.8 7.8 11.8

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



#90

Benzo(a)pyrene

Concen: 39.638 ng

RT: 23.59 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Tgt Ion:252 Resp: 2511512

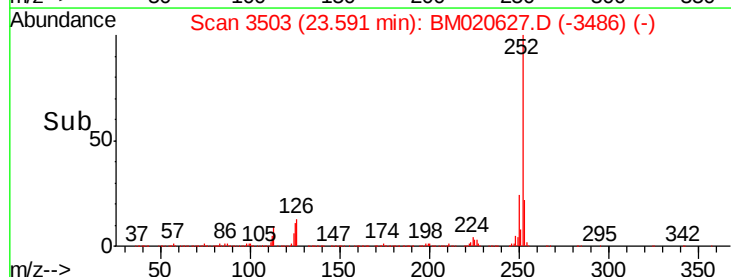
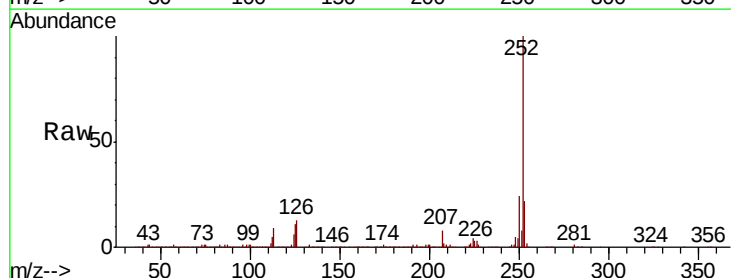
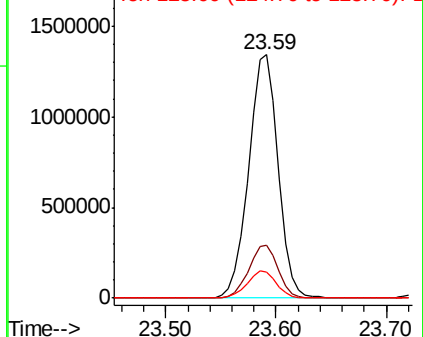
Ion Ratio Lower Upper

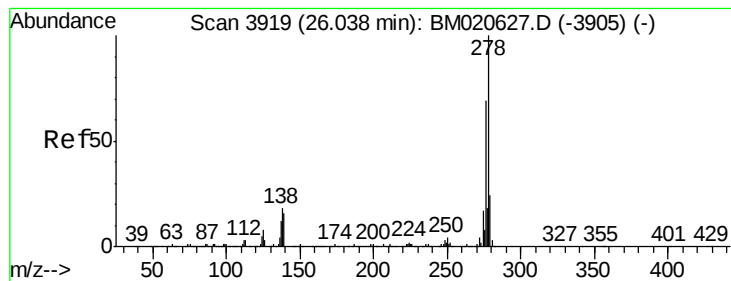
252 100

253 21.9 17.5 26.3

125 10.8 8.6 13.0

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





#91

Dibenzo(a,h)anthracene

Concen: 37.059 ng

RT: 26.04 min Scan# 3919

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:278 Resp: 2372382

Ion Ratio Lower Upper

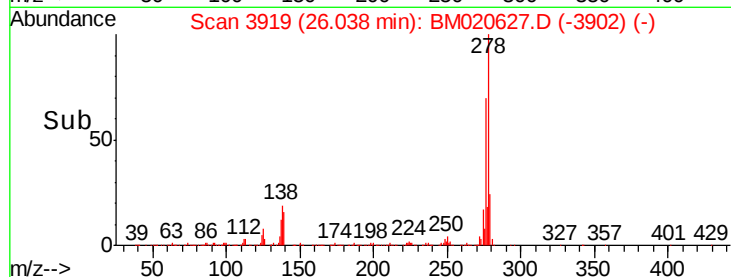
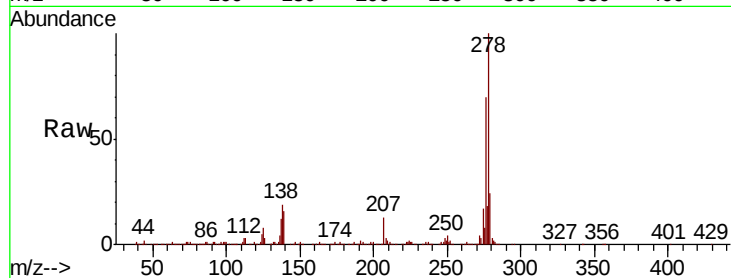
278 100

139 15.7 12.6 18.8

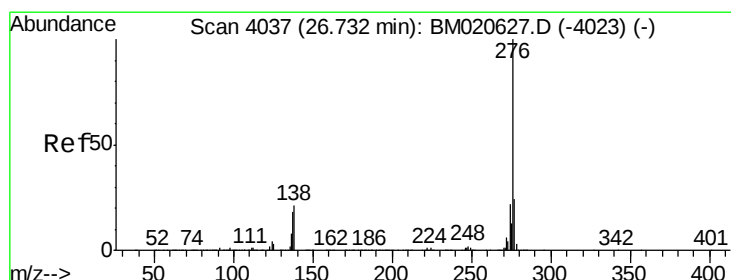
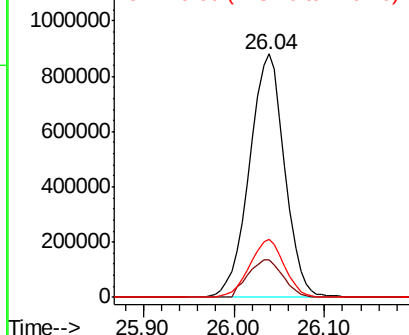
279 23.8 19.0 28.6

Manual Integrations
APPROVED

mohammad
6/3/2019 8:48:33 AM



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



#92

Benzo(g,h,i)perylene

Concen: 36.687 ng

RT: 26.73 min Scan# 4037

Delta R.T. 0.00 min

Lab File: BM020627.D

Acq: 31 May 2019 12:24

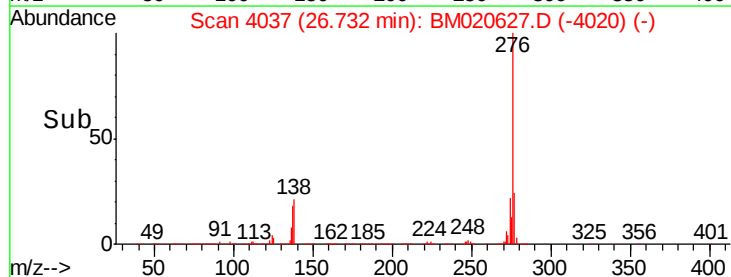
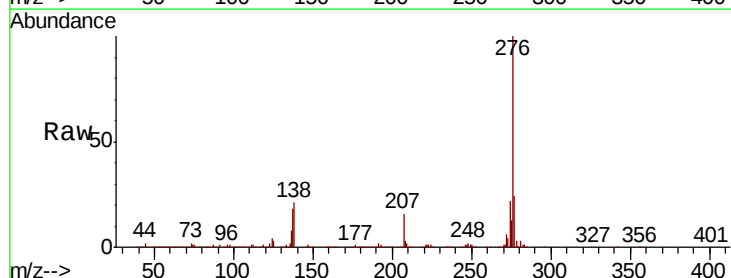
Tgt Ion:276 Resp: 2211793

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 21.2 17.0 25.4



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

