

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020711.D
 Acq On : 04 Jun 2019 20:01
 Operator : HP/JU
 Sample : PB119943BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BS

Manual Integrations
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 6/5/2019 3:41:35 PM

Quant Time: Jun 05 03:54:29 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 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	310615	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1219008	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	639573	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1229898	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1012677	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1153646	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2467899	139.76	ng	0.00
7) Phenol-d6	6.99	99	3226707	124.10	ng	0.00
23) Nitrobenzene-d5	8.99	82	1950636	82.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1078792	136.14	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4278395	88.93	ng	-0.01
79) Terphenyl-d14	19.83	244	4848367	80.08	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	296562	41.021	ng	96
3) Pyridine	3.74	79	833023	36.216	ng	99
4) n-Nitrosodimethylamine	3.66	42	390029	39.335	ng	96
6) Aniline	7.16	93	1076064	28.603	ng	98
8) 2-Chlorophenol	7.39	128	962608	43.820	ng	98
9) Benzaldehyde	6.97	77	295033	15.834	ng	99
10) Phenol	7.02	94	1178032	42.043	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	868061	38.874	ng	96
12) 1,3-Dichlorobenzene	7.71	146	1002824	39.721	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1025358	39.950	ng	99
14) 1,2-Dichlorobenzene	8.17	146	973438	38.973	ng	99
15) Benzyl Alcohol	8.06	79	857345	37.273	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1219616	35.376	ng	98
17) 2-Methylphenol	8.26	107	784755	39.829	ng	99
18) Hexachloroethane	8.90	117	372179	37.875	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	717794	34.343	ng	97
20) 3+4-Methylphenols	8.59	107	1027217	38.319	ng	100
22) Acetophenone	8.65	105	1349646	43.583	ng	# 97
24) Nitrobenzene	9.03	77	1049373	43.690	ng	98
25) Isophorone	9.55	82	1872714	40.015	ng	99
26) 2-Nitrophenol	9.73	139	444502	49.656	ng	98
27) 2,4-Dimethylphenol	9.79	122	835570	49.814	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1161941	41.062	ng	99
29) 2,4-Dichlorophenol	10.26	162	853050	45.966	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	942566	44.171	ng	99
31) Naphthalene	10.67	128	2747541	43.831	ng	100
32) Benzoic acid	9.93	122	461038m	44.131	ng	
33) 4-Chloroaniline	10.78	127	434942	14.909	ng	97
34) Hexachlorobutadiene	10.94	225	547359	42.750	ng	99
35) Caprolactam	11.57	113	238769m	37.035	ng	
36) 4-Chloro-3-methylphenol	11.90	107	869697	40.307	ng	98
37) 2-Methylnaphthalene	12.28	142	1980773	42.630	ng	99
38) 1-Methylnaphthalene	12.50	142	1870986	42.290	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1003249	47.866	ng	99

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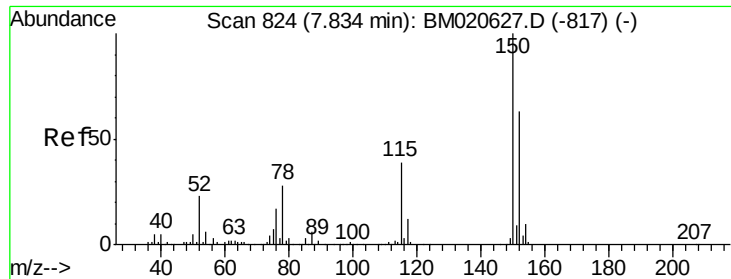
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1254736	100.097	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	637522	47.255	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	673530	48.357	ng	97
46) 1,1'-Biphenyl	13.29	154	2466295	46.172	ng	99
47) 2-Chloronaphthalene	13.33	162	1896801	43.998	ng	100
48) 2-Nitroaniline	13.54	65	534677	39.515	ng	93
49) Acenaphthylene	14.19	152	2975073	44.229	ng	100
50) Dimethylphthalate	13.92	163	2250174	41.180	ng	100
51) 2,6-Dinitrotoluene	14.04	165	482364	43.476	ng	89
52) Acenaphthene	14.53	154	1734365	43.266	ng	98
53) 3-Nitroaniline	14.37	138	292485	23.618	ng	94
54) 2,4-Dinitrophenol	14.57	184	386203	80.829	ng	94
55) Dibenzofuran	14.86	168	2674351	42.955	ng	99
56) 4-Nitrophenol	14.67	139	759188	83.191	ng	92
57) 2,4-Dinitrotoluene	14.83	165	628851	42.330	ng	96
58) Fluorene	15.51	166	2146090	41.916	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	558283	45.999	ng	99
60) Diethylphthalate	15.29	149	2223201	39.450	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1119918	41.312	ng	98
62) 4-Nitroaniline	15.54	138	455678	34.695	ng	94
63) Azobenzene	15.80	77	2100383	38.876	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	235673	43.194	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1824001	46.327	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	644215	44.488	ng	98
68) Hexachlorobenzene	16.50	284	739799	43.751	ng	97
69) Atrazine	16.67	200	574685	48.906	ng	99
70) Pentachlorophenol	16.85	266	839254	104.038	ng	99
71) Phenanthrene	17.25	178	3021918	43.347	ng	99
72) Anthracene	17.34	178	3090842	44.297	ng	99
73) Carbazole	17.61	167	2656636	41.956	ng	100
74) Di-n-butylphthalate	18.17	149	3315378	40.335	ng	100
75) Fluoranthene	19.26	202	3168588	40.870	ng	100
77) Benzidine	19.45	184	1376086	44.845	ng	99
78) Pyrene	19.62	202	3204019	41.230	ng	100
80) Butylbenzylphthalate	20.52	149	1282903	39.064	ng	99
81) Benzo(a)anthracene	21.37	228	2929449	41.540	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	864334	33.470	ng	98
83) Chrysene	21.42	228	2894412	43.177	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1816372	38.055	ng	100
85) Di-n-octyl phthalate	22.19	149	2979729	39.322	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	3968902	57.873	ng	99
88) Benzo(b)fluoranthene	22.98	252	3249334	42.614	ng	99
89) Benzo(k)fluoranthene	23.03	252	3043398	40.843	ng	99
90) Benzo(a)pyrene	23.57	252	3114673	45.035	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3320806	49.491	ng	100
92) Benzo(g,h,i)perylene	26.70	276	3253289	52.199	ng	99

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



#1

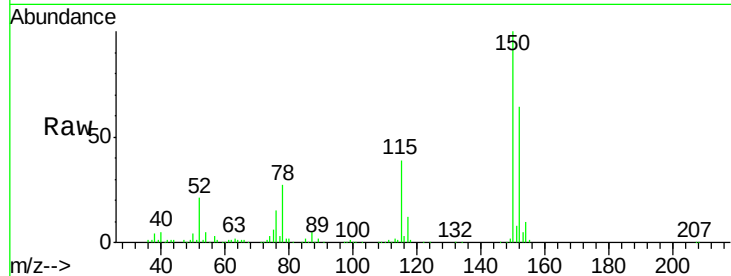
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

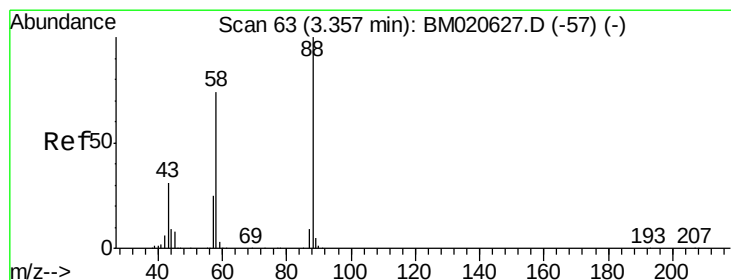
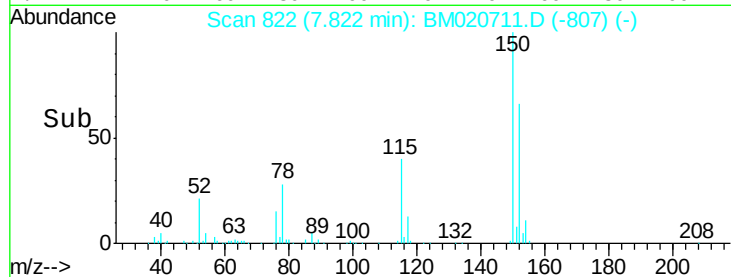
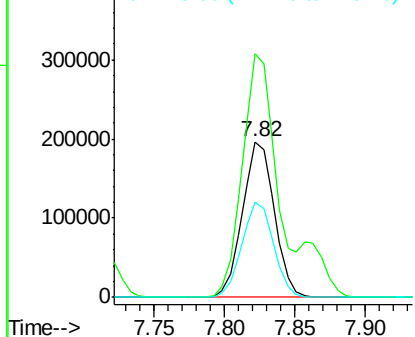
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.0	189.0
115	60.8	49.6	74.4

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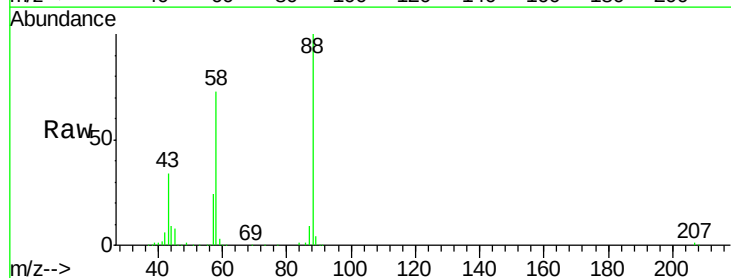
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



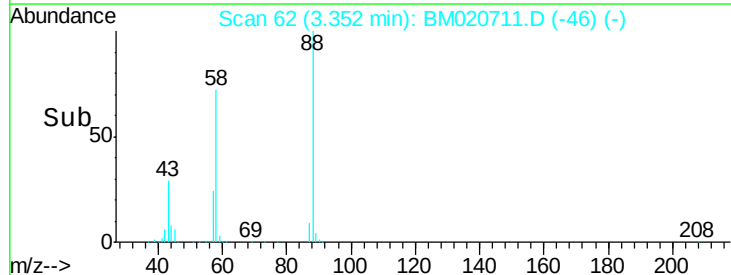
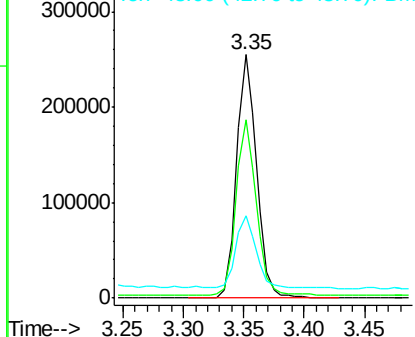
#2

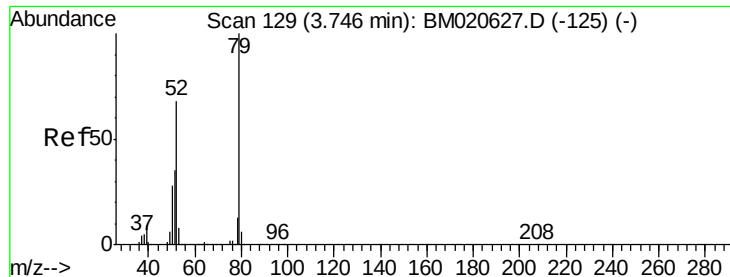
1,4-Dioxane
Concen: 41.021 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	60.2	90.4
43	30.1	25.3	37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 36.216 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

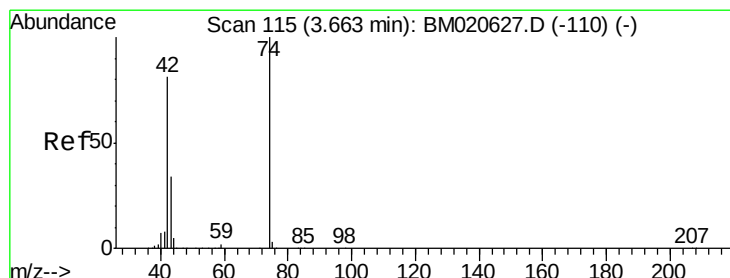
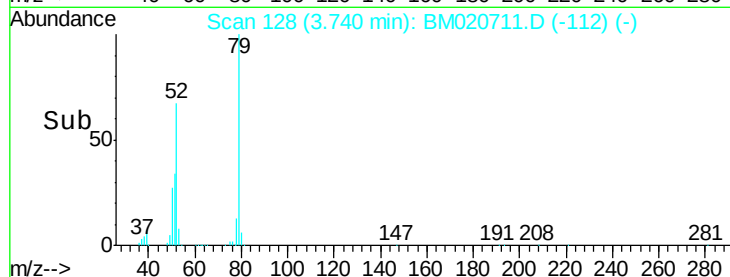
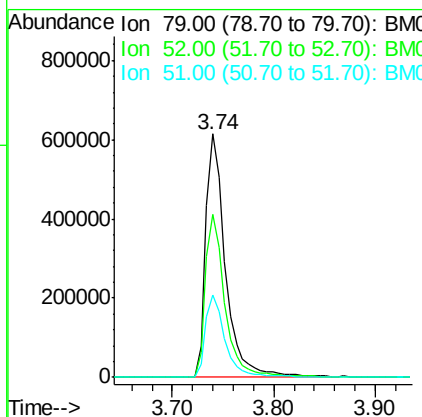
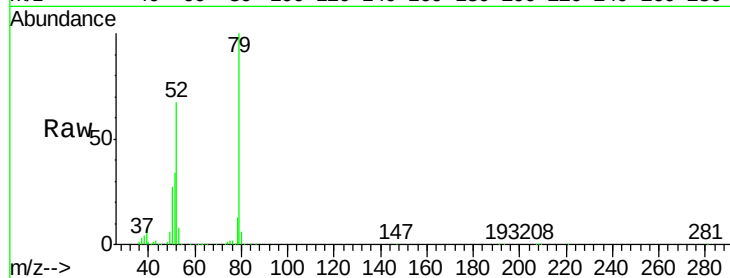
ClientSampleId :

PB119943BS

Tgt Ion:	79	Resp:	833023
Ion	Ratio	Lower	Upper
79	100		
52	67.1	54.1	81.1
51	34.0	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 39.335 ng

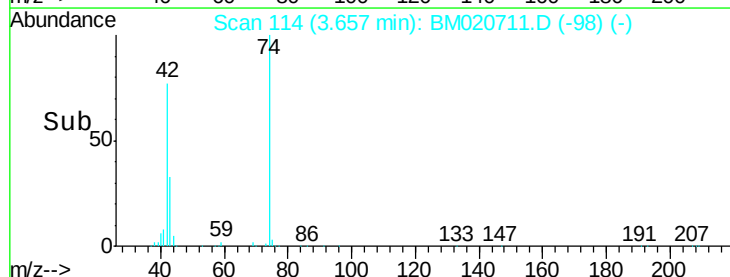
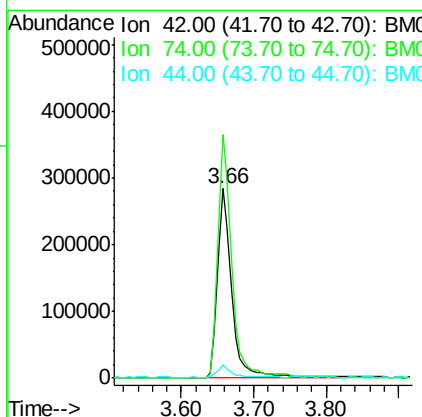
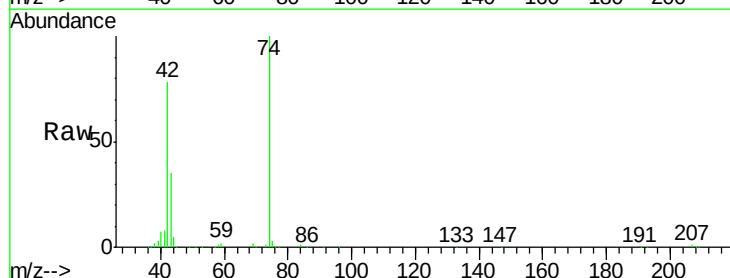
RT: 3.66 min Scan# 114

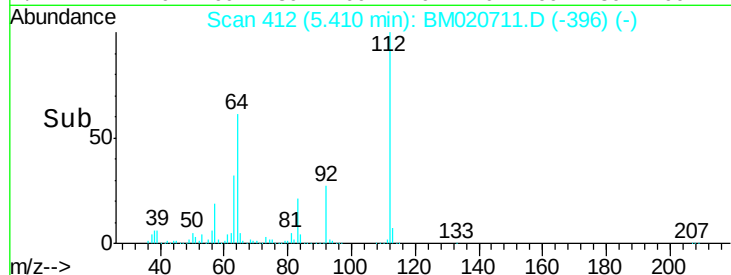
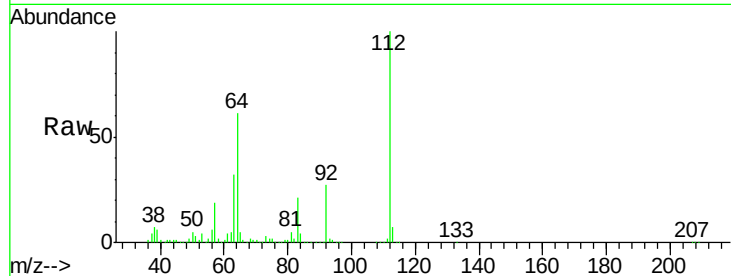
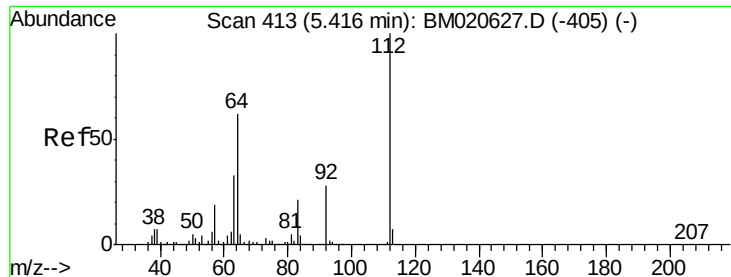
Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	42	Resp:	390029
Ion	Ratio	Lower	Upper
42	100		
74	128.7	99.4	149.0
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 139.761 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	112	Resp:	2467899
Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.7	74.5
63	32.0	26.4	39.6

Instrument :

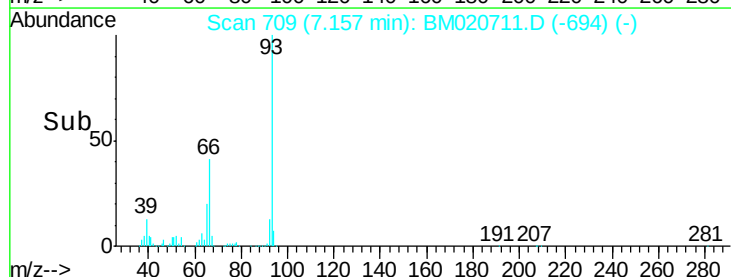
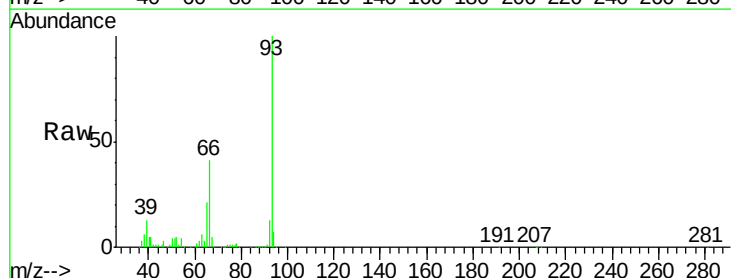
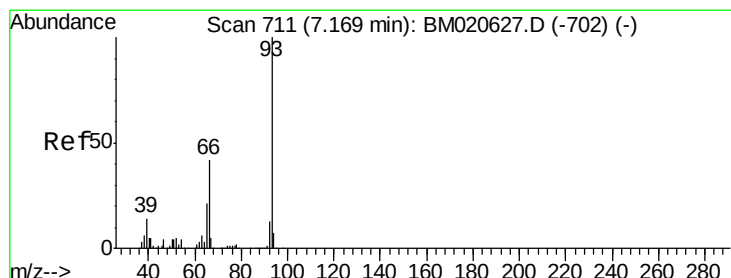
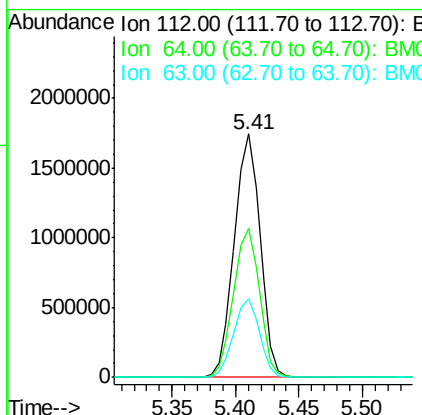
BNA_M

ClientSampleId :

PB119943BS

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#6

Aniline

Concen: 28.603 ng

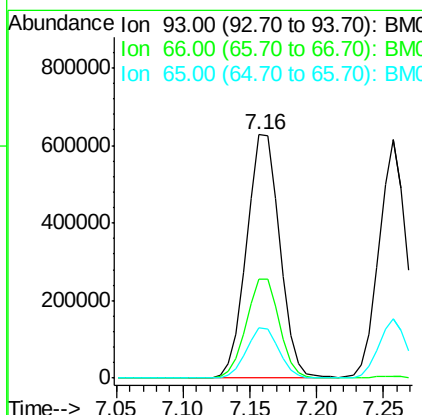
RT: 7.16 min Scan# 709

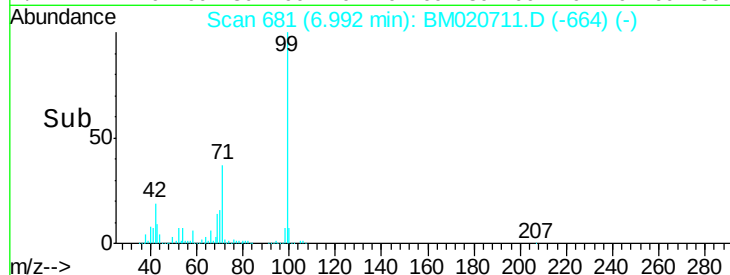
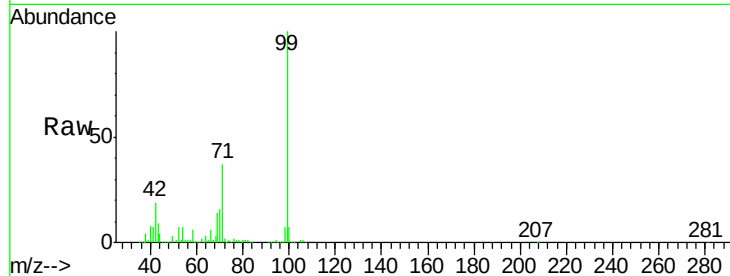
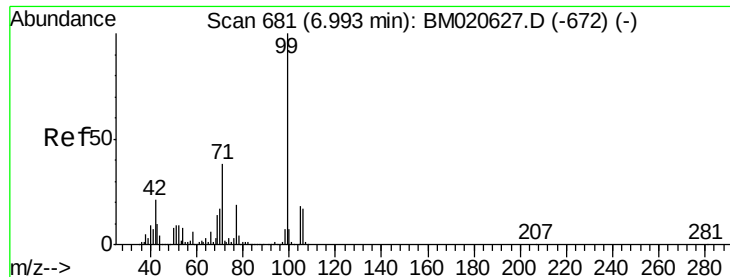
Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	93	Resp:	1076064
Ion	Ratio	Lower	Upper
93	100		
66	40.7	33.6	50.4
65	20.5	16.7	25.1





#7

Phenol-d6

Concen: 124.101 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	99	Resp:	3226707
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	37.4	30.7	46.1

Instrument :

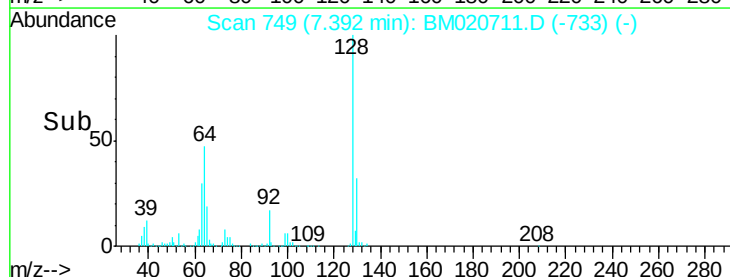
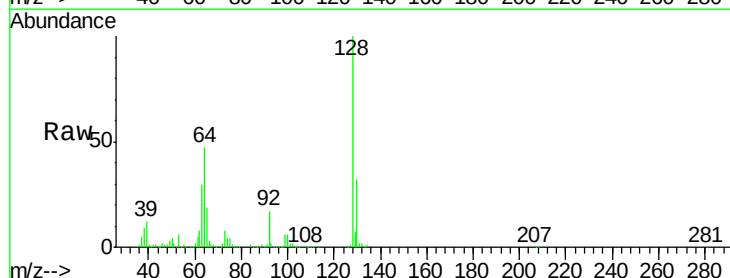
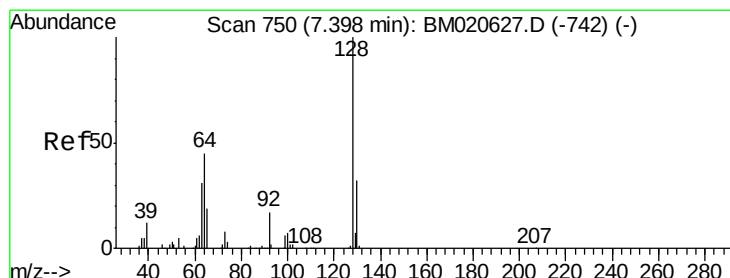
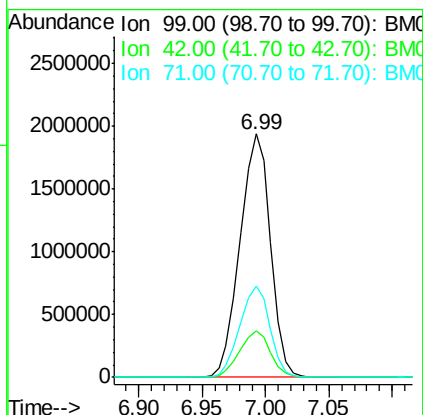
BNA_M

ClientSampled :

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#8

2-Chlorophenol

Concen: 43.820 ng

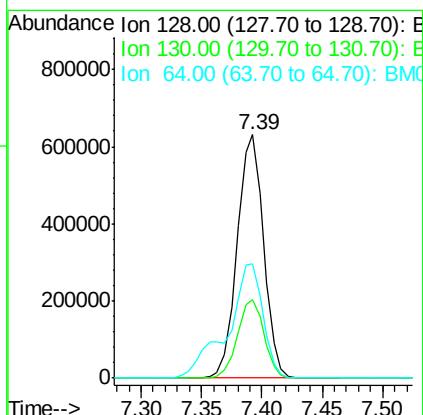
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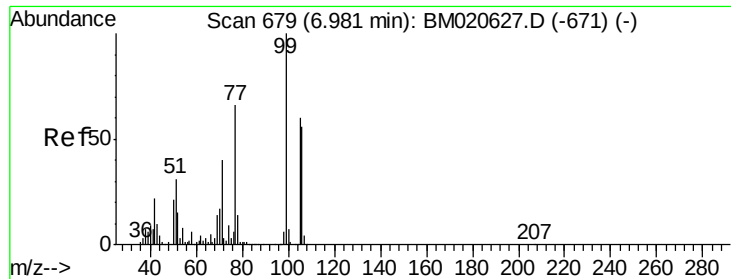
Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	128	Resp:	962608
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	46.7	29.1	69.1





#9

Benzaldehyde

Concen: 15.834 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

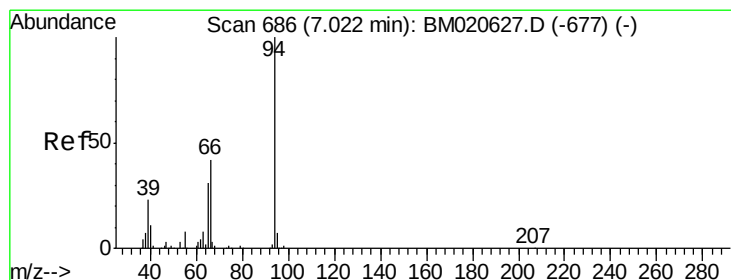
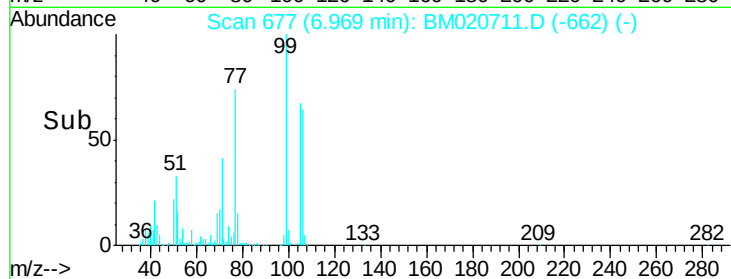
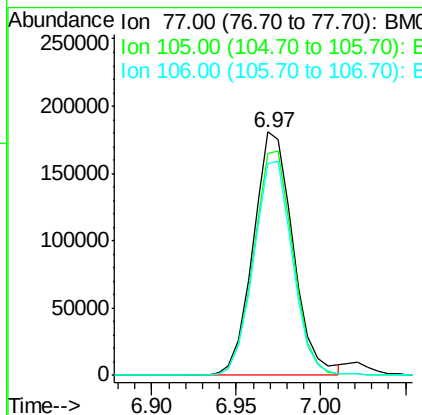
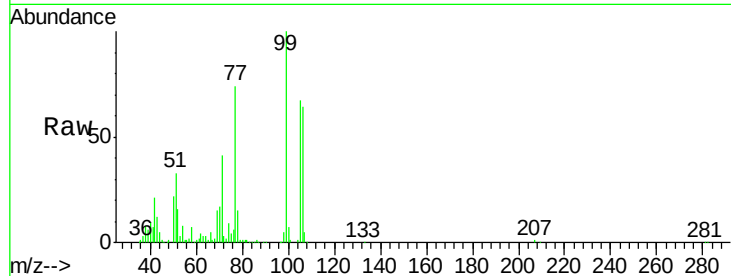
ClientSampleId :

PB119943BS

Tgt Ion:	77	Resp:	295033
Ion	Ratio	Lower	Upper
77	100		
105	91.3	70.6	110.6
106	86.8	64.9	104.9

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#10

Phenol

Concen: 42.043 ng

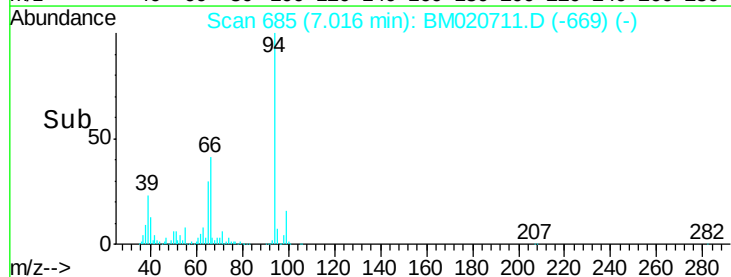
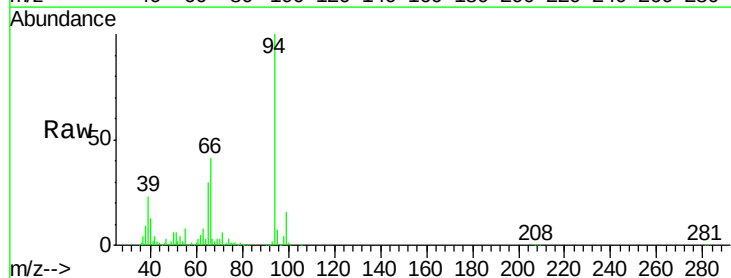
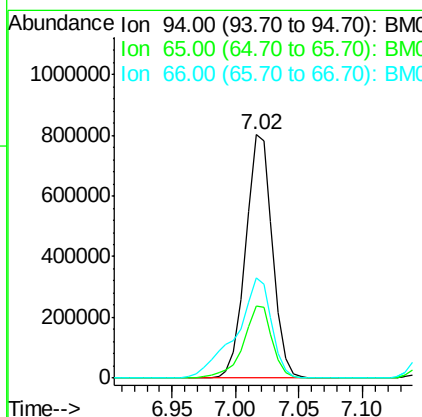
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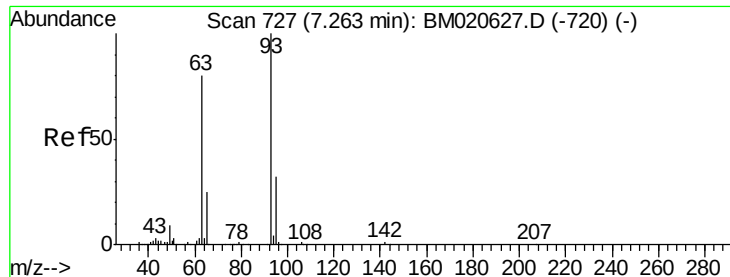
Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	94	Resp:	1178032
Ion	Ratio	Lower	Upper
94	100		
65	29.6	10.7	50.7
66	41.4	22.3	62.3





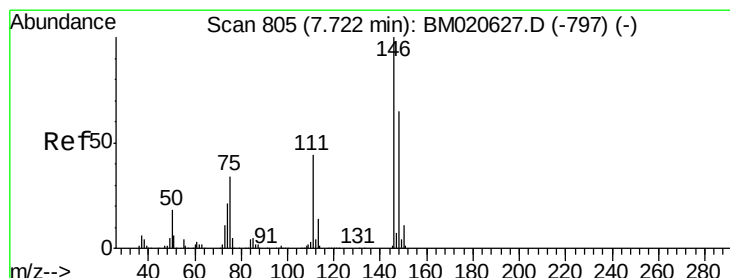
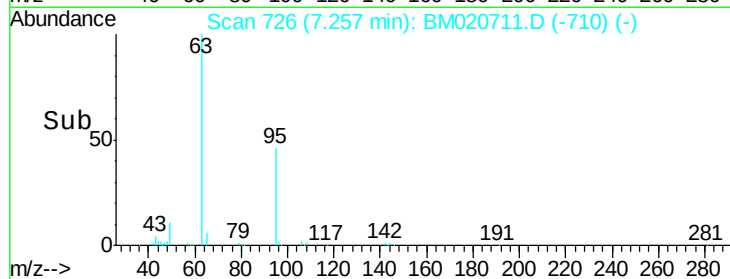
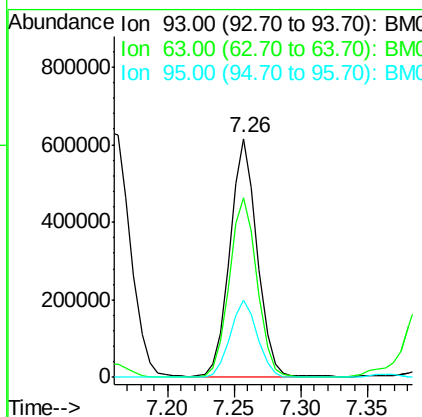
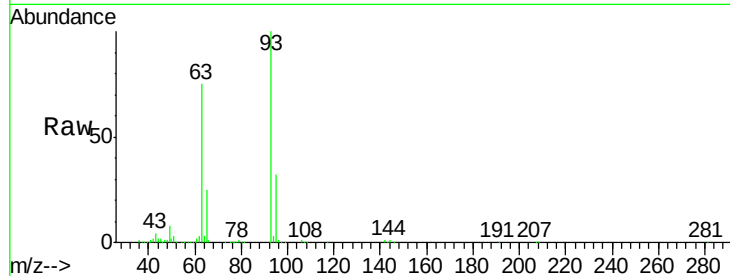
#11
bis(2-Chloroethyl)ether
Concen: 38.874 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	868061		
63	74.9	60.0	100.0	
95	32.4	12.2	52.2	

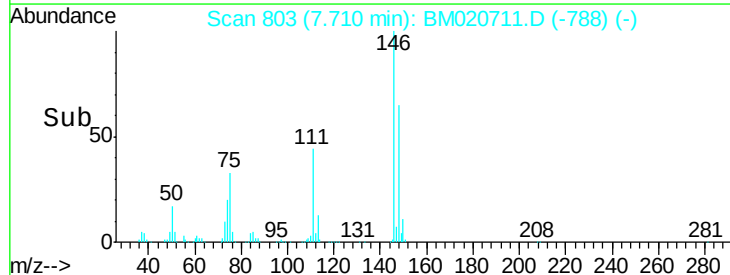
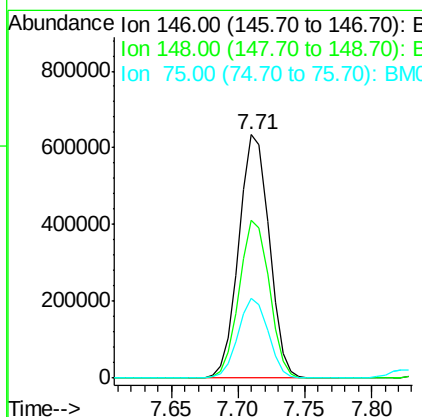
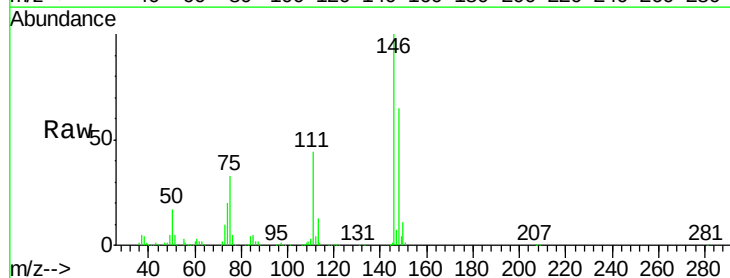
Manual Integrations
APPROVED

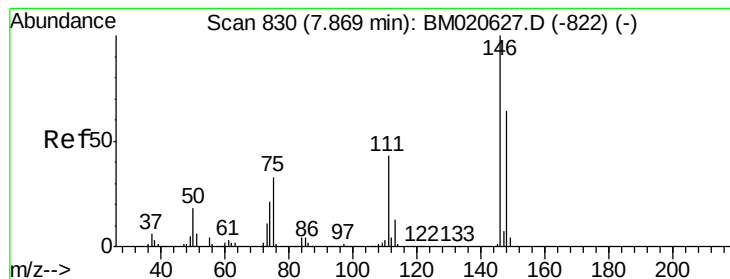
mohammad
6/5/2019 3:41:35 PM



#12
1,3-Dichlorobenzene
Concen: 39.721 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1002824		
148	64.9	52.0	78.0	
75	32.8	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 39.950 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion:146 Resp: 1025358

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

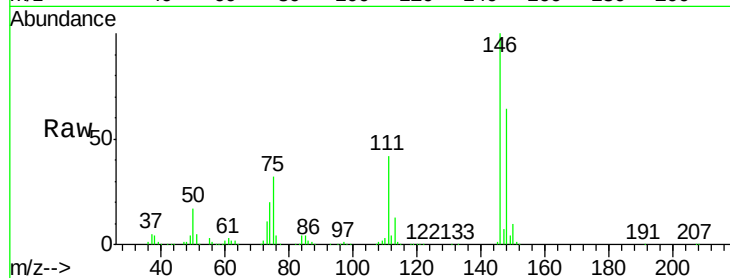
111 41.6 34.4 51.6

Manual Integrations

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mohammad

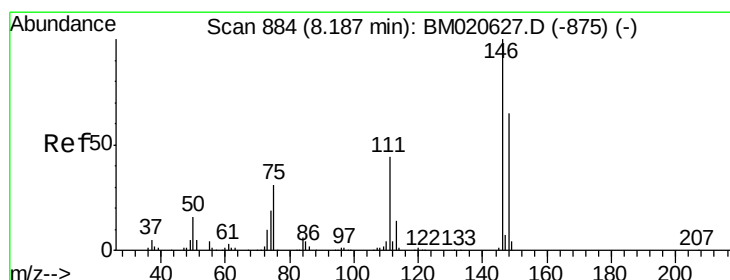
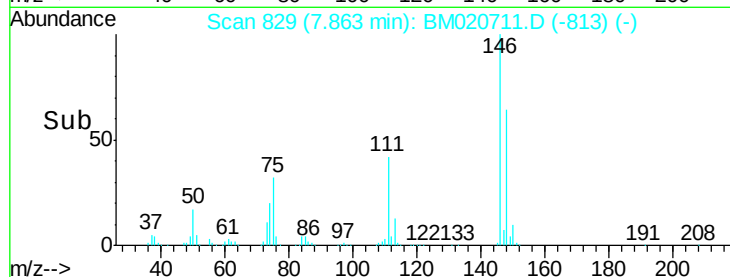
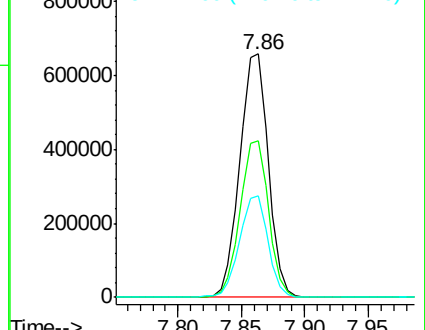
6/5/2019 3:41:35 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.973 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

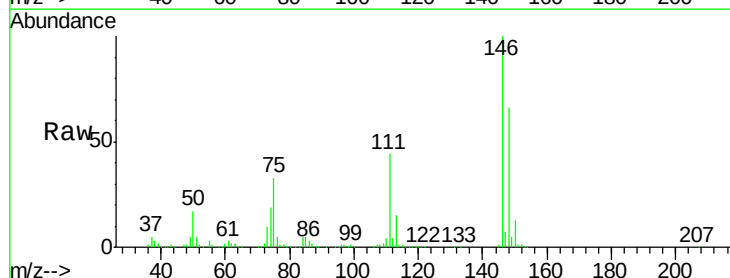
Tgt Ion:146 Resp: 973438

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

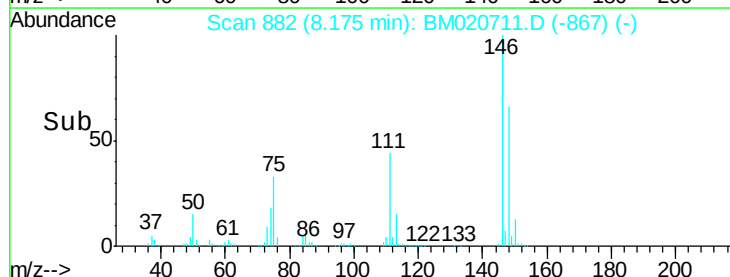
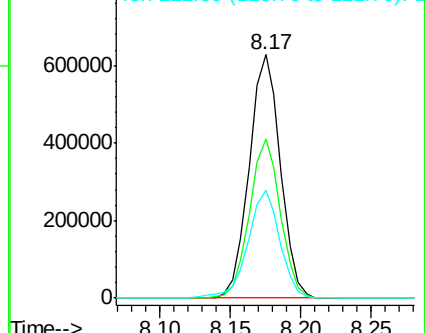
111 44.1 35.1 52.7

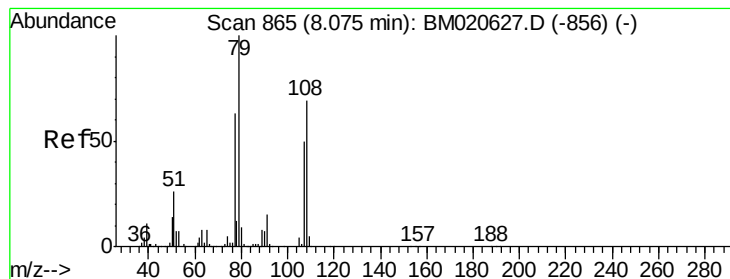


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.273 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion: 79 Resp: 857345

Ion Ratio Lower Upper

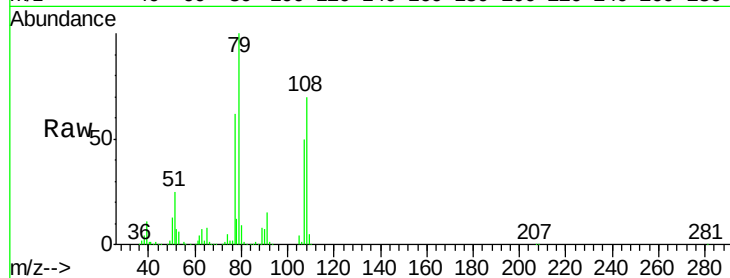
79 100

108 70.3 54.9 82.3

77 62.4 50.2 75.4

Manual Integrations
APPROVED

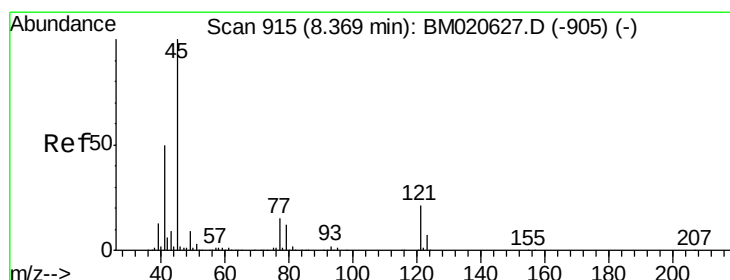
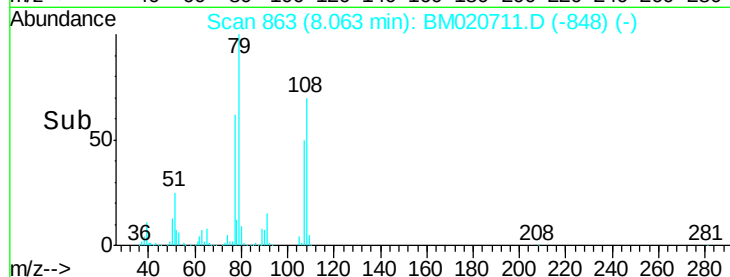
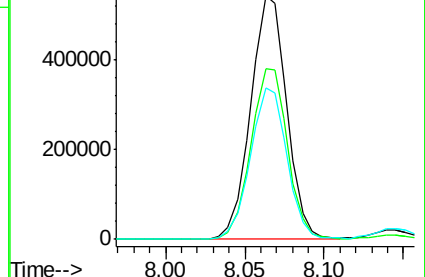
mohammad
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Abundance Ion 79.00 (78.70 to 79.70): BM020711.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM020711.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM020711.D (-848) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.376 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

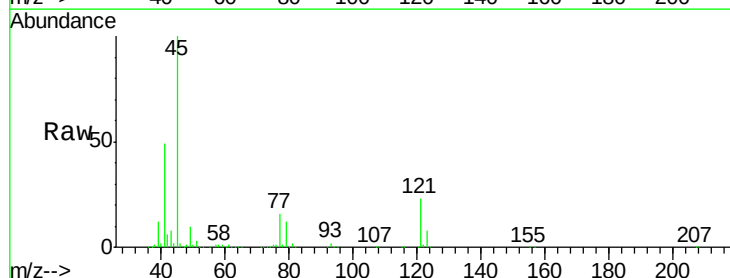
Tgt Ion: 45 Resp: 1219616

Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.9

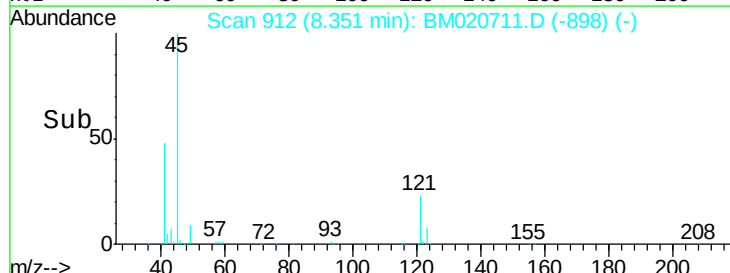
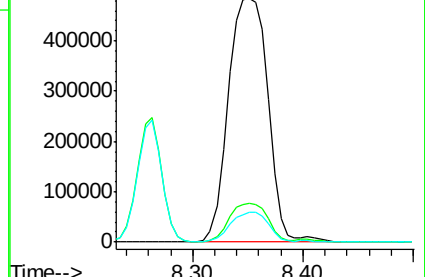
79 12.3 0.0 31.8

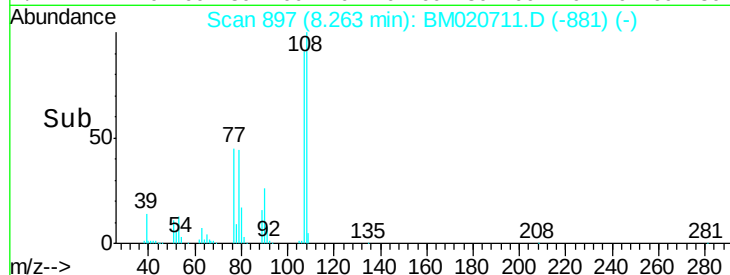
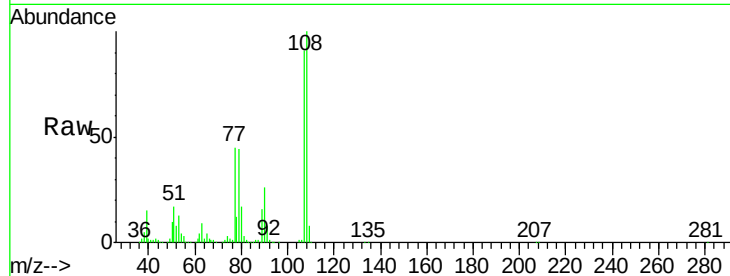
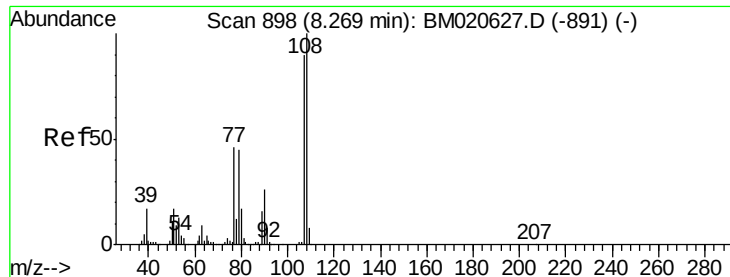


Abundance Ion 45.00 (44.70 to 45.70): BM020711.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020711.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020711.D (-898) (-)





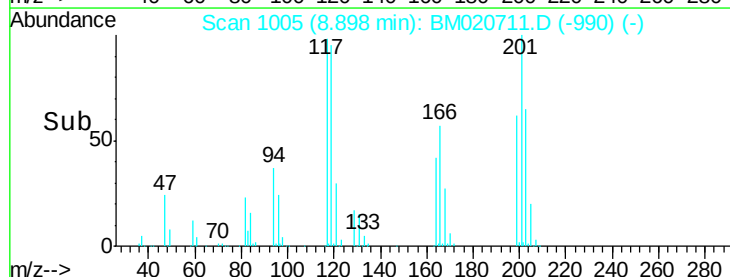
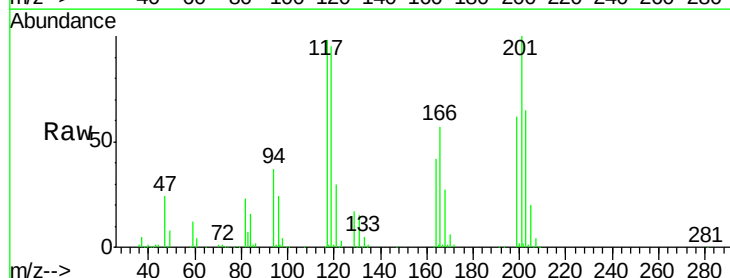
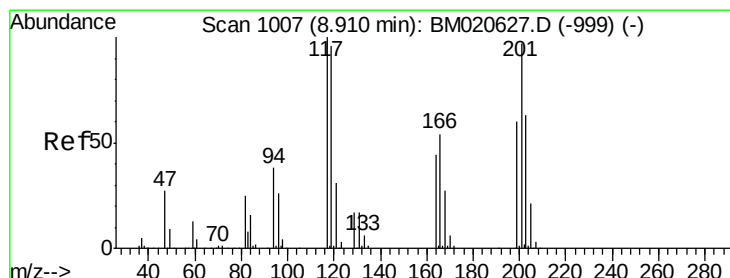
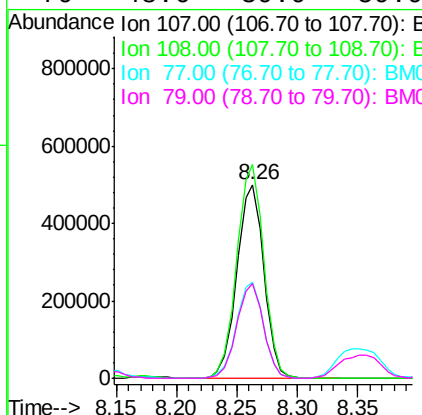
#17
2-Methylphenol
Concen: 39.829 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	784755		
108	110.2	88.6	133.0	
77	49.4	40.6	61.0	
79	48.6	39.9	59.9	

Instrument :
BNA_M
ClientSampleId :
PB119943BS

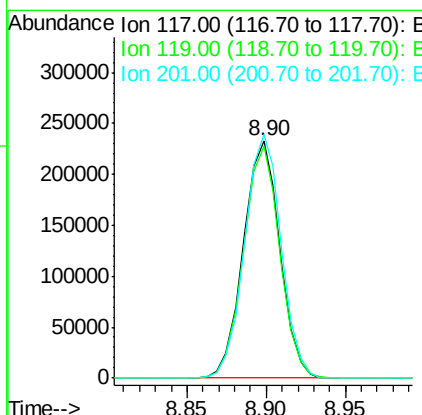
Manual Integrations
APPROVED

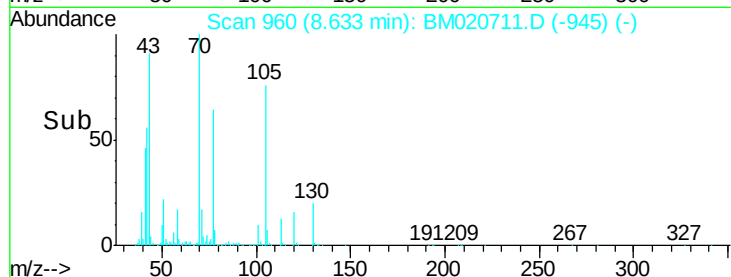
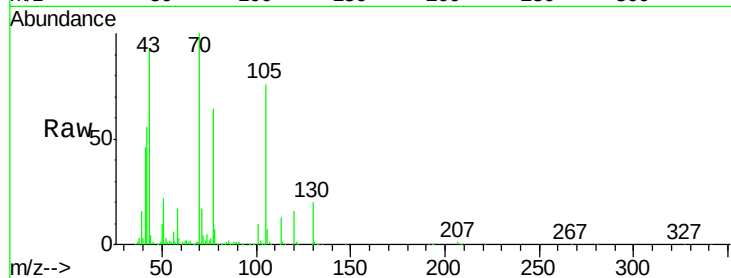
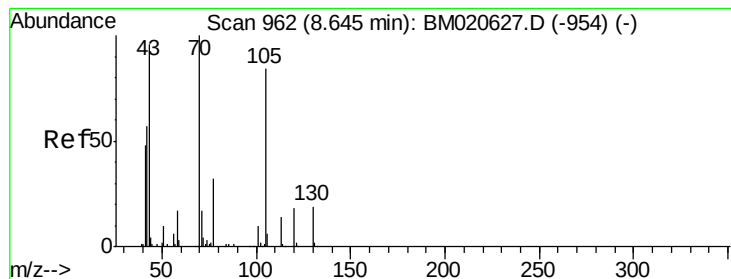
mohammad
6/5/2019 3:41:35 PM



#18
Hexachloroethane
Concen: 37.875 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	372179		
119	97.4	76.7	115.1	
201	102.4	77.9	116.9	





#19

n-Nitroso-di-n-propylamine

Concen: 34.343 ng

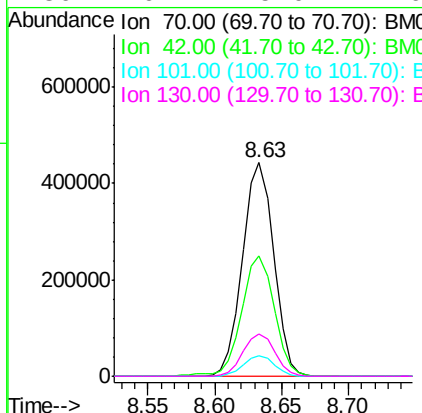
RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	46.8	70.2	
101	9.6	7.8	11.6	
130	20.1	15.0	22.6	



Instrument :

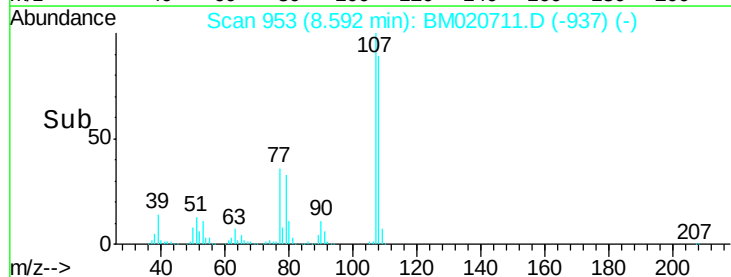
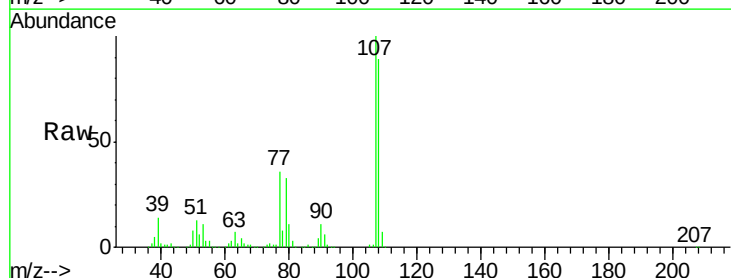
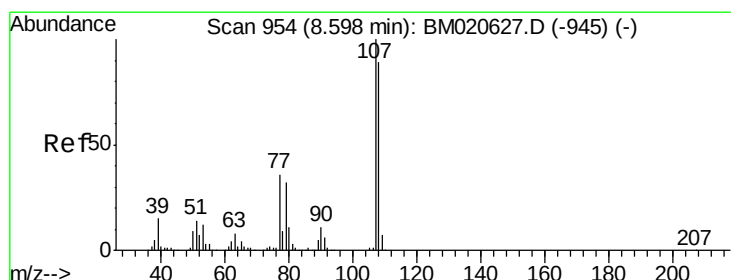
BNA_M

ClientSampleId :

PB119943BS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 38.319 ng

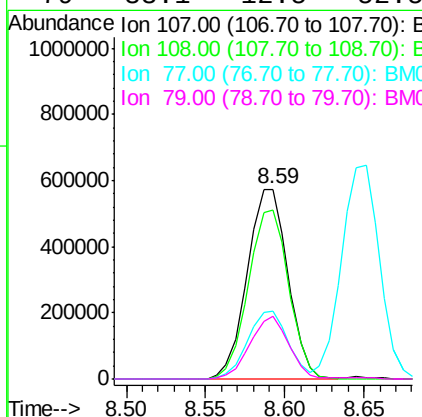
RT: 8.59 min Scan# 953

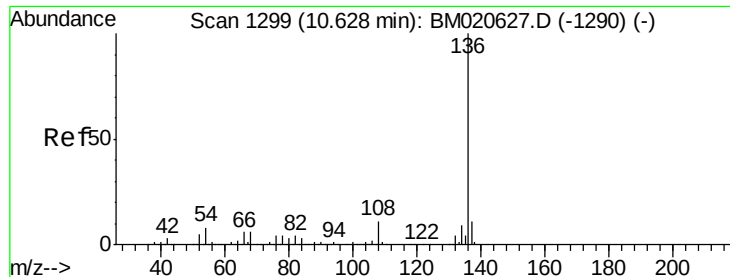
Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	69.2	109.2	
77	35.9	16.2	56.2	
79	33.1	12.5	52.5	





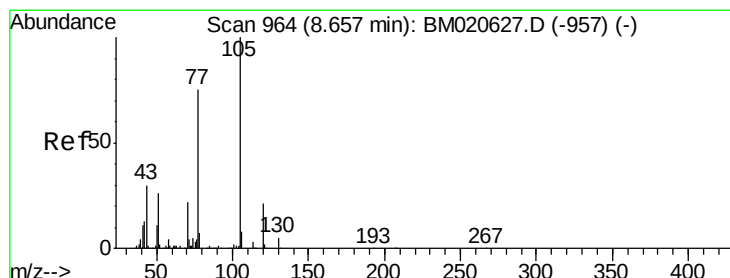
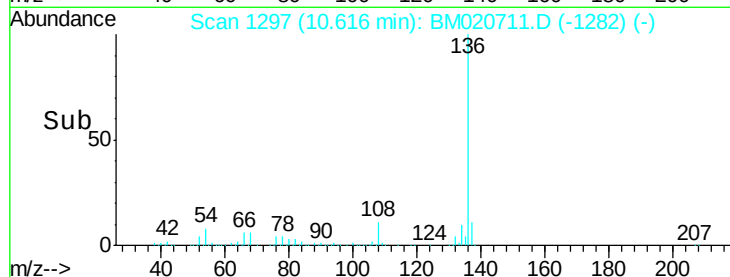
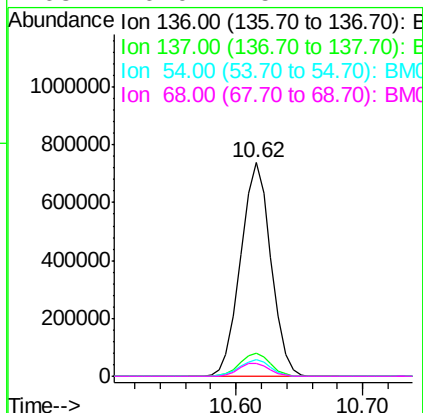
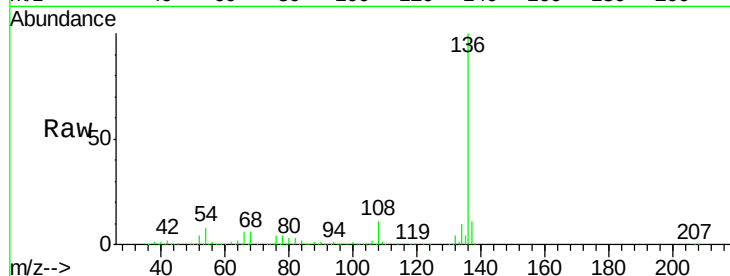
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	6.6	10.0
68	6.0	5.1	7.7

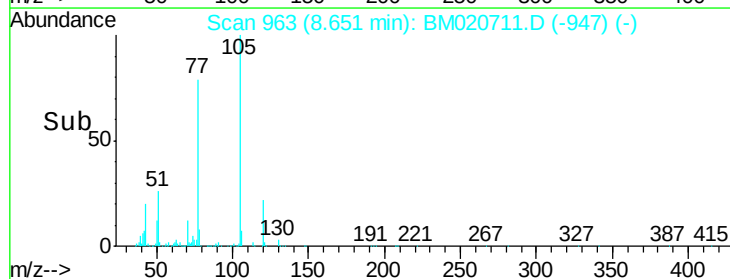
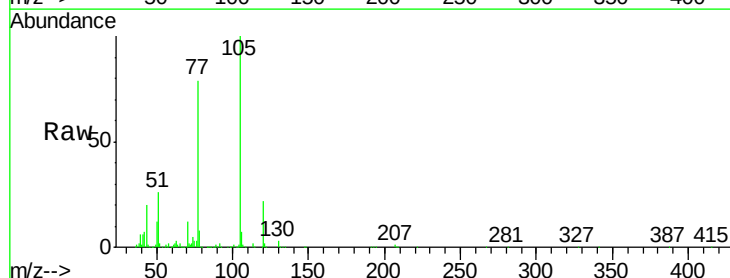
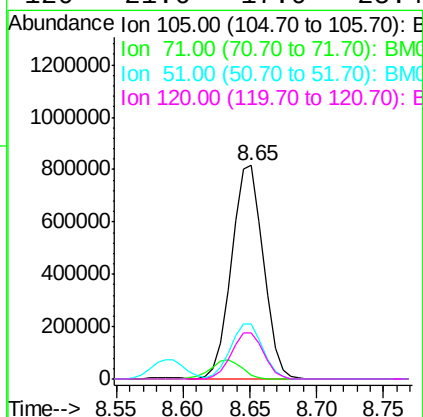
Manual Integrations
APPROVED

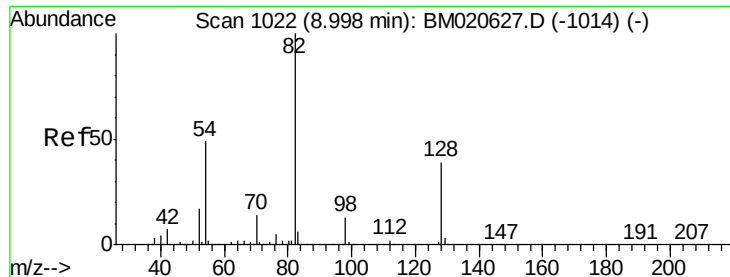
mohammad
6/5/2019 3:41:35 PM



#22
Acetophenone
Concen: 43.583 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	3.2	4.8#
51	25.9	22.8	34.2
120	21.6	17.0	25.4





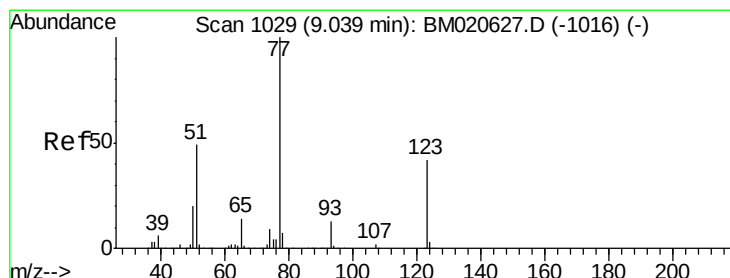
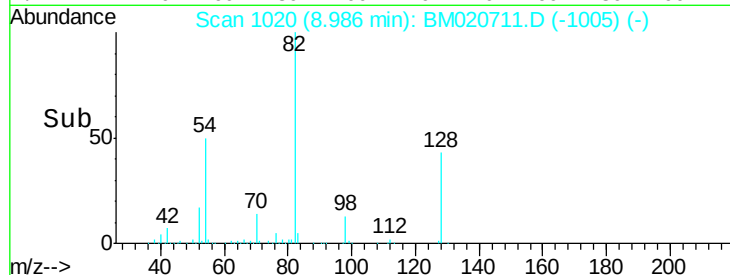
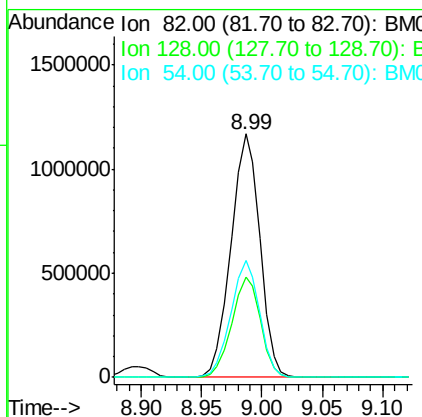
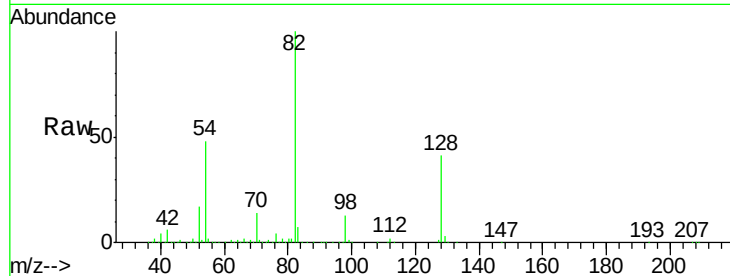
#23
 Nitrobenzene-d5
 Concen: 82.908 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.5	47.3
54	48.0	39.4	59.0

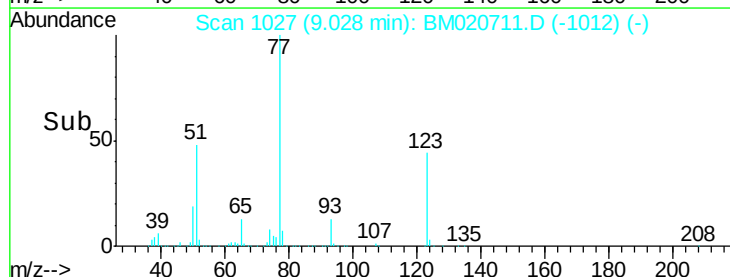
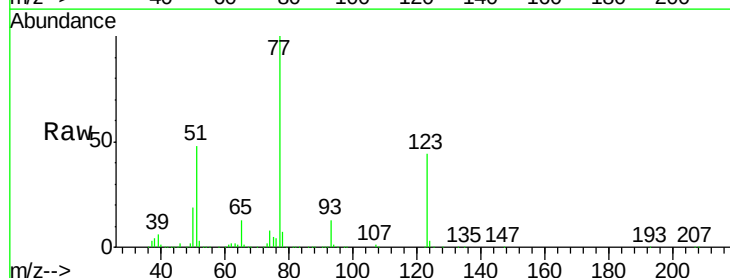
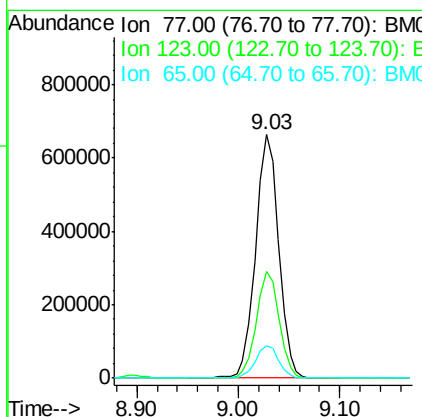
Manual Integrations
 APPROVED

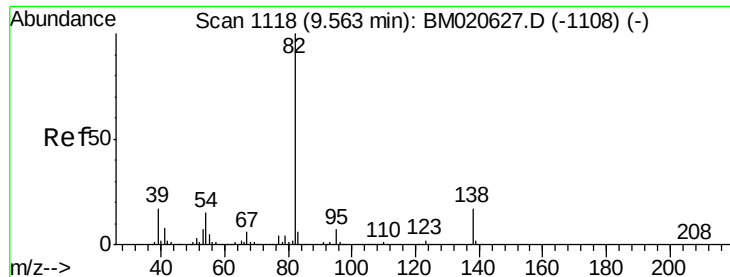
mohammad
 6/5/2019 3:41:35 PM



#24
 Nitrobenzene
 Concen: 43.690 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	33.7	50.5
65	13.4	11.0	16.6





#25

Isophorone

Concen: 40.015 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion: 82 Resp: 1872714

Ion Ratio Lower Upper

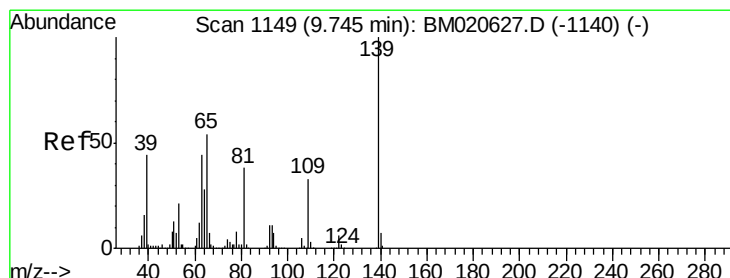
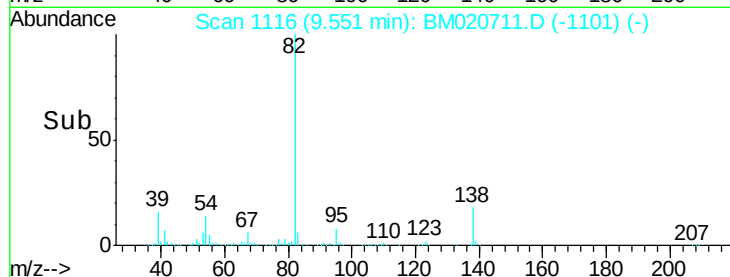
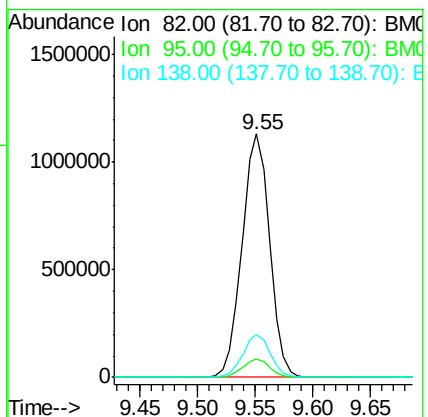
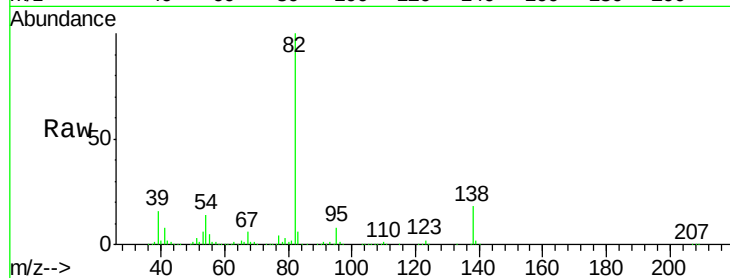
82 100

95 7.6 5.8 8.8

138 17.7 13.8 20.8

Manual Integrations
APPROVED

mohammad
6/5/2019 3:41:35 PM



#26

2-Nitrophenol

Concen: 49.656 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

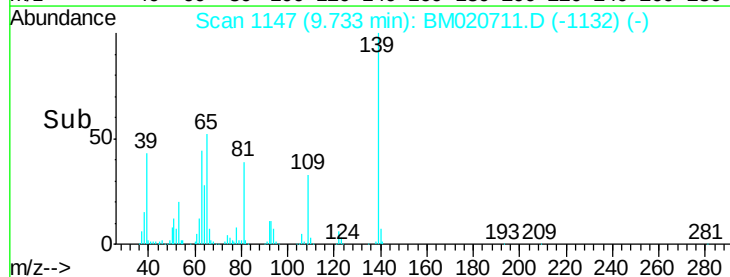
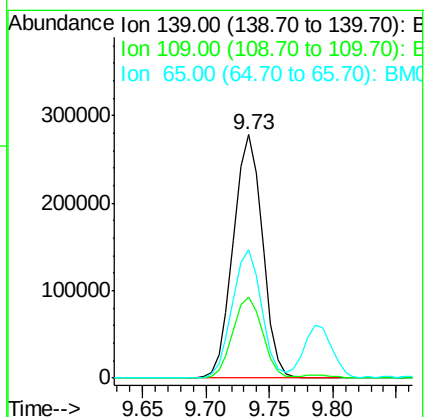
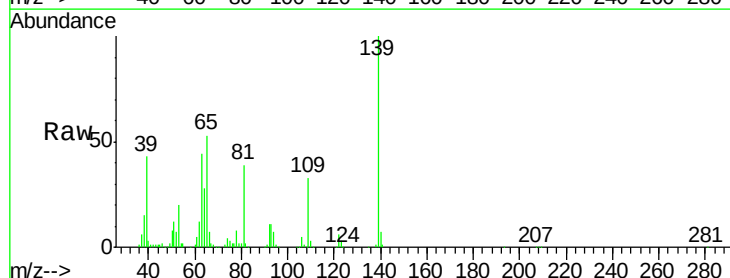
Tgt Ion: 139 Resp: 444502

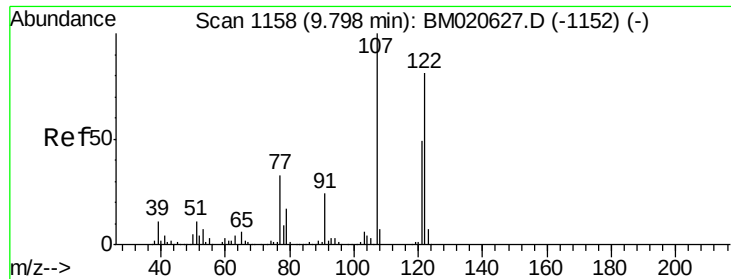
Ion Ratio Lower Upper

139 100

109 33.3 26.1 39.1

65 52.6 43.4 65.0





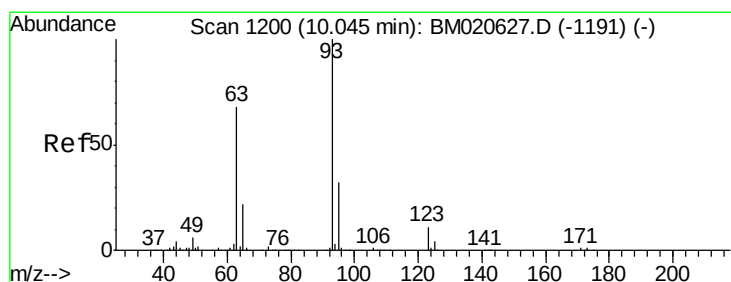
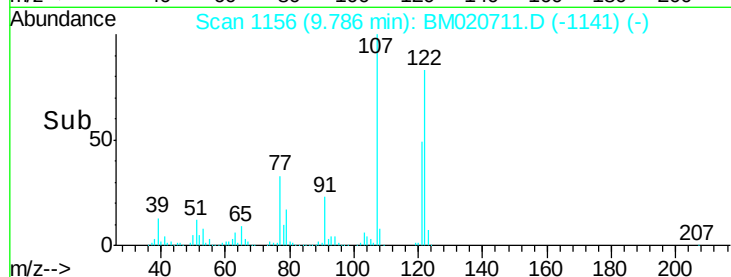
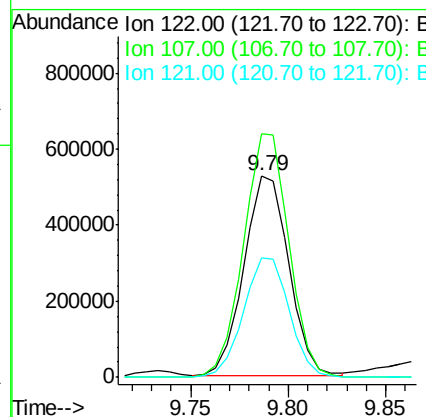
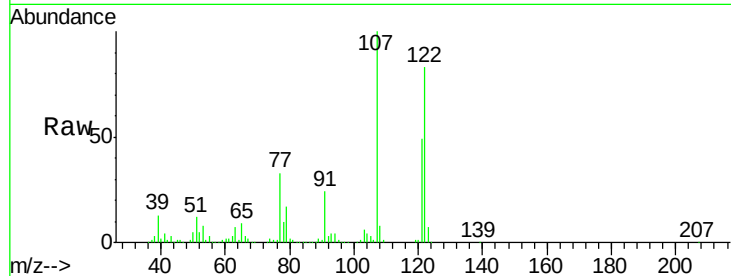
#27
2,4-Dimethylphenol
Concen: 49.814 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	835570		
107	120.6	98.0	147.0	
121	59.0	48.2	72.4	

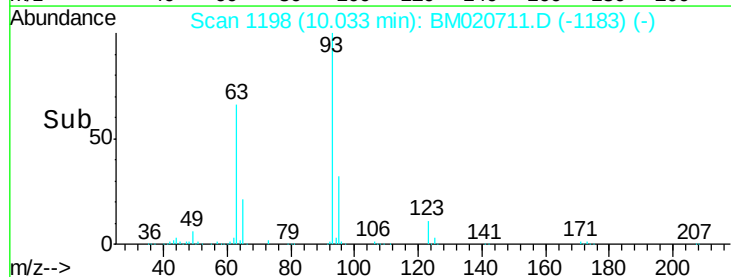
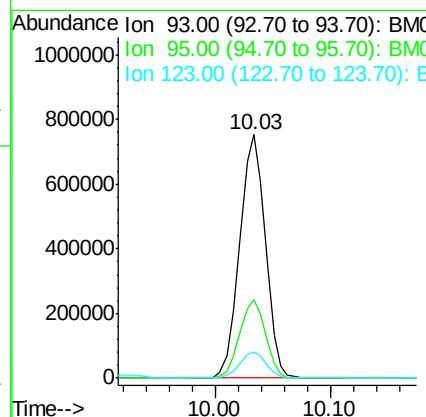
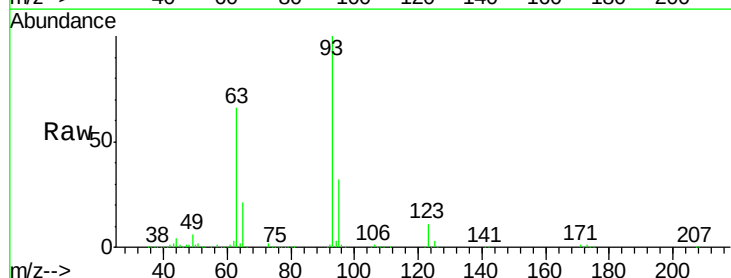
Manual Integrations
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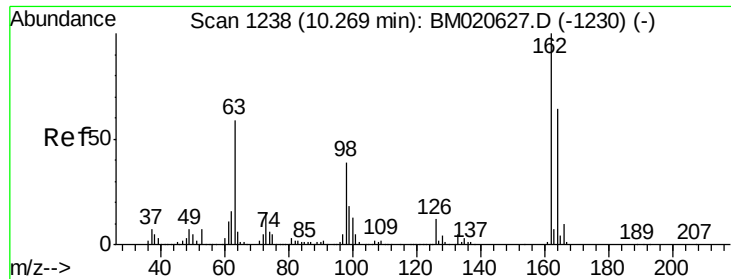
mohammad
6/5/2019 3:41:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.062 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1161941		
95	32.1	25.8	38.6	
123	10.7	9.0	13.6	





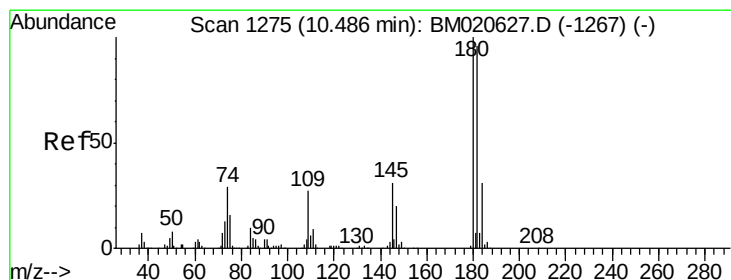
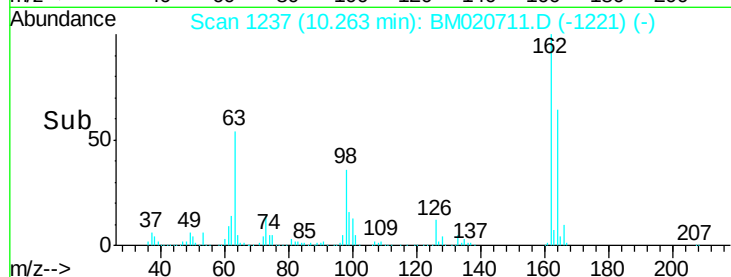
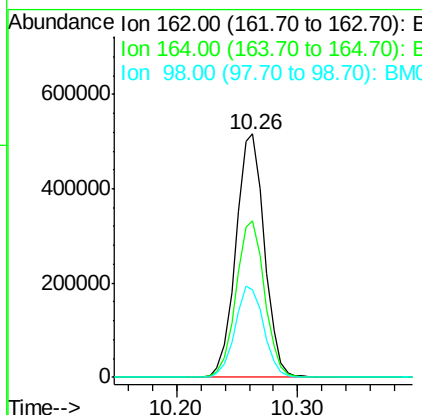
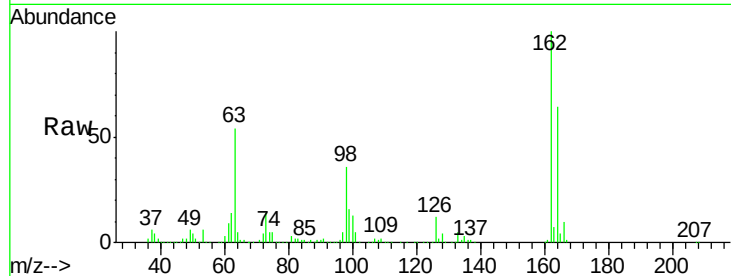
#29
2,4-Dichlorophenol
Concen: 45.966 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	43.8	83.8
98	35.9	19.1	59.1

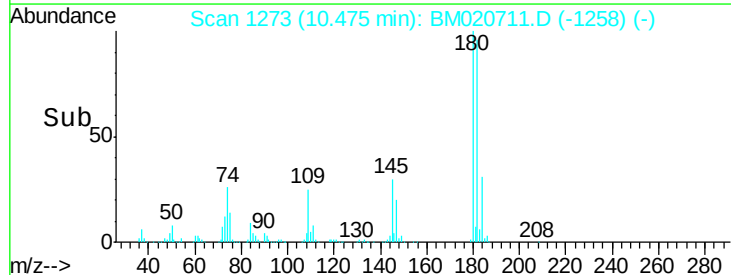
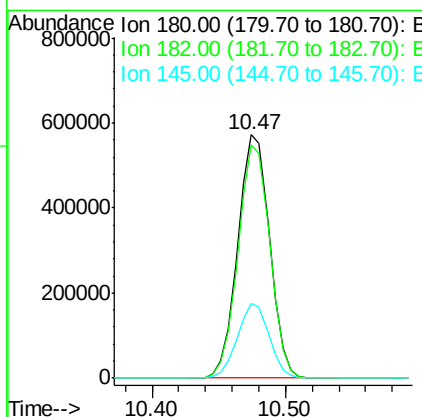
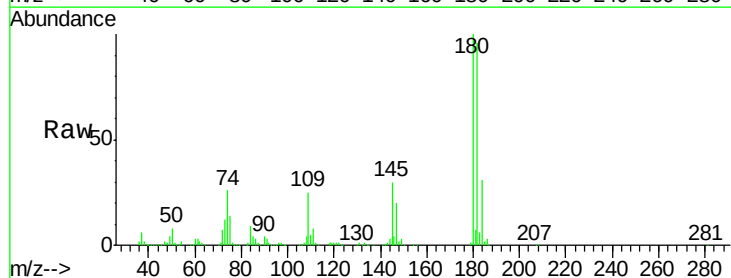
Manual Integrations
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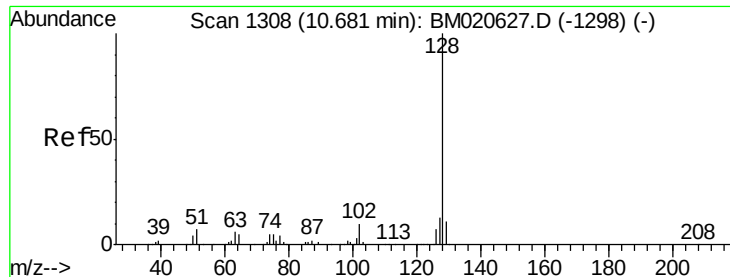
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.171 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	77.0	115.6
145	30.4	25.0	37.4





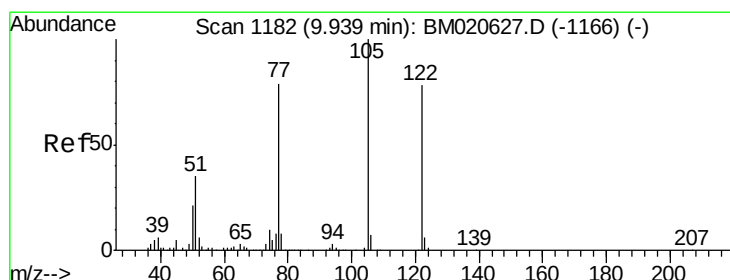
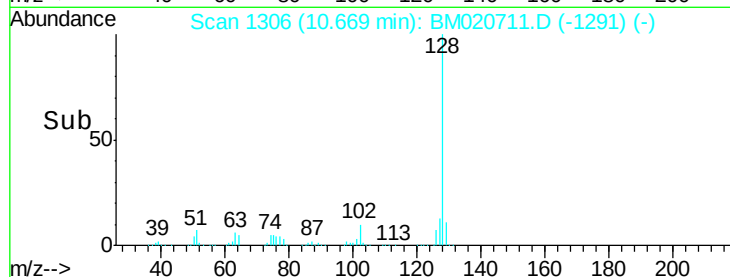
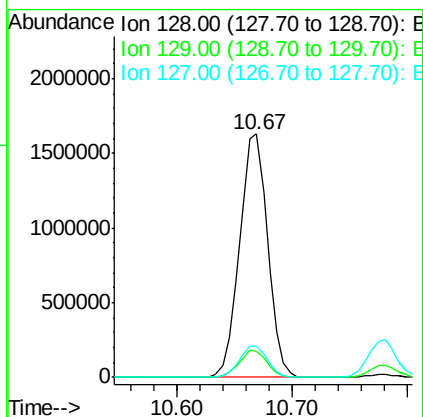
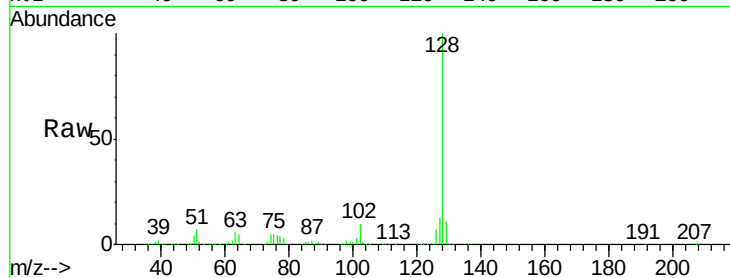
#31
Naphthalene
Concen: 43.831 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.3	15.5

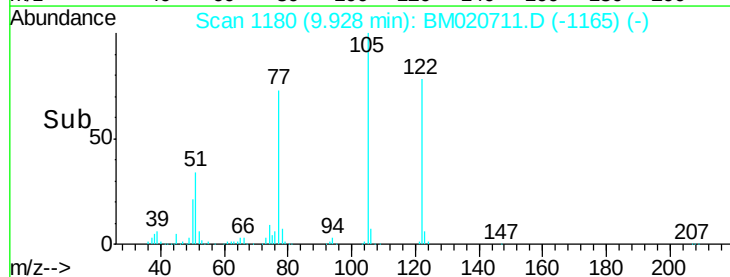
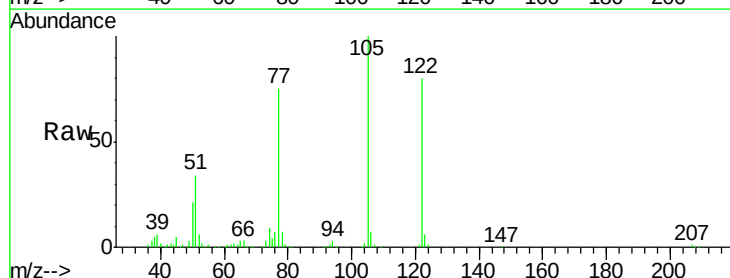
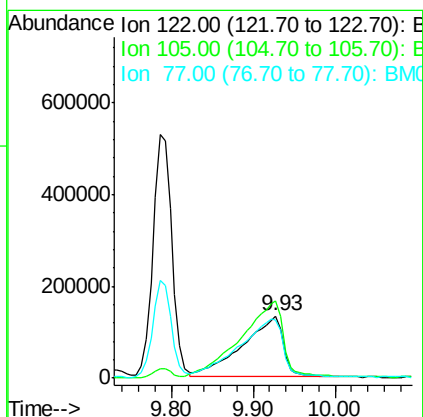
Manual Integrations
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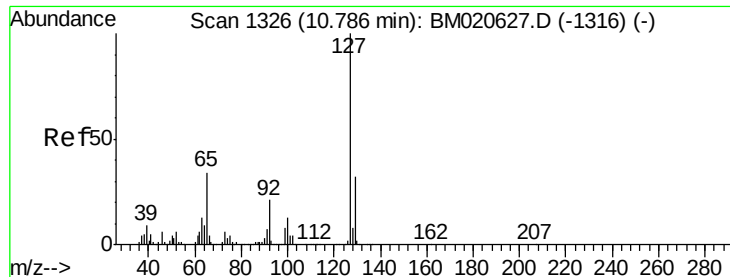
mohammad
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#32
Benzoic acid
Concen: 44.131 ng m
RT: 9.93 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	107.0	147.0
77	94.5	80.9	120.9





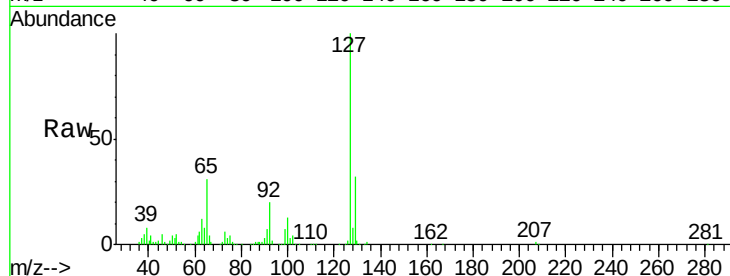
#33
4-Chloroaniline
Concen: 14.909 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

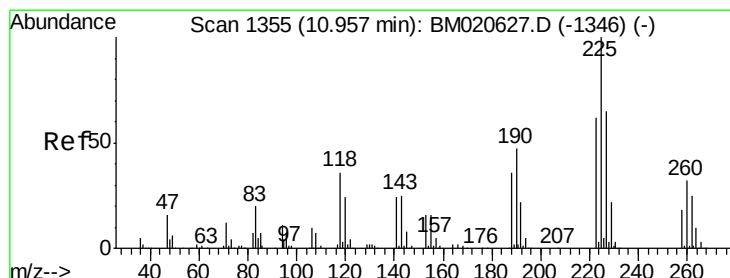
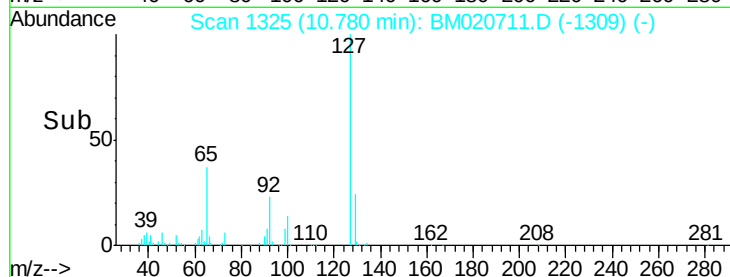
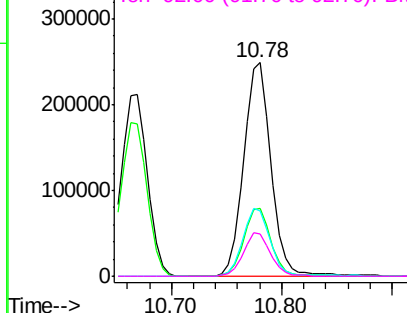
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	434942		
129	31.8	25.7	38.5	
65	30.8	27.4	41.0	
92	19.7	17.0	25.6	

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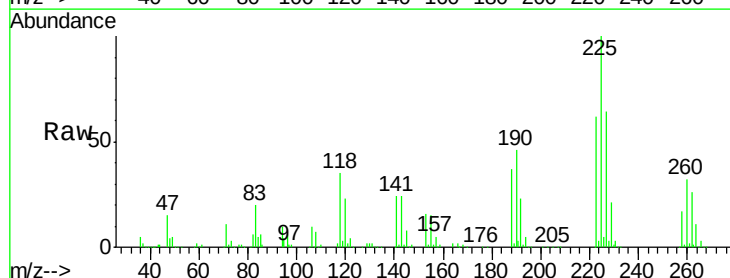


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

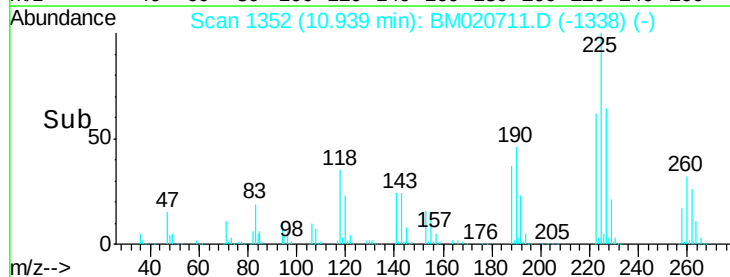
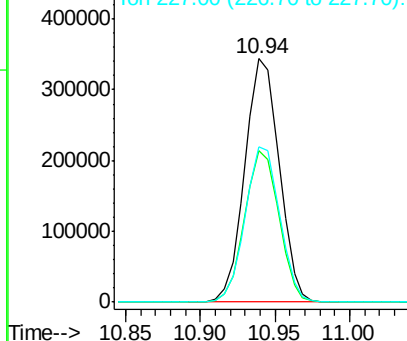


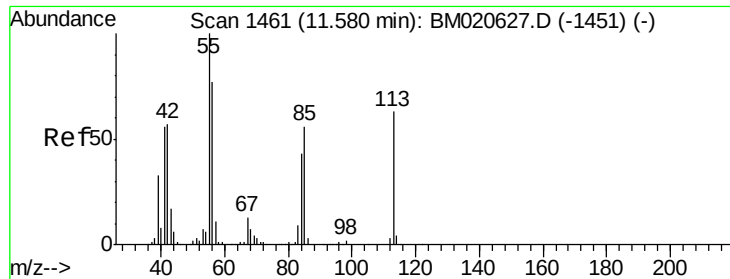
#34
Hexachlorobutadiene
Concen: 42.750 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	547359		
223	62.3	49.7	74.5	
227	63.9	51.8	77.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.035 ng m

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion:113 Resp: 238769

Ion Ratio Lower Upper

113 100

55 157.0 138.6 178.6

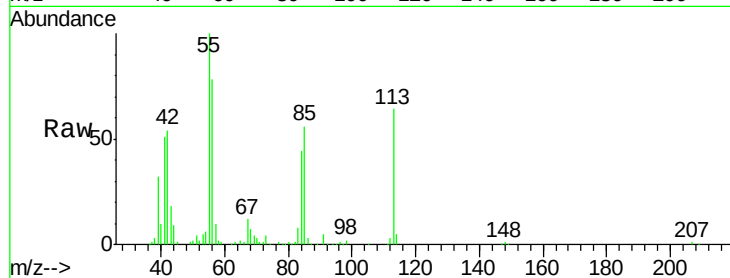
56 122.2 102.3 142.3

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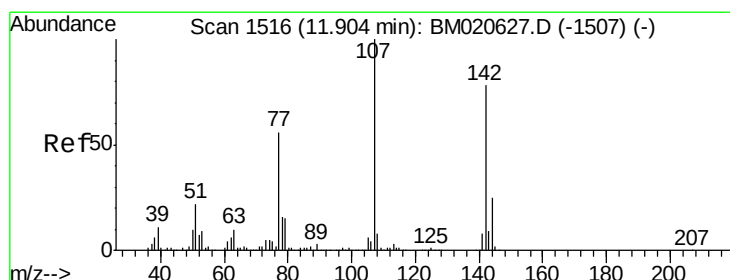
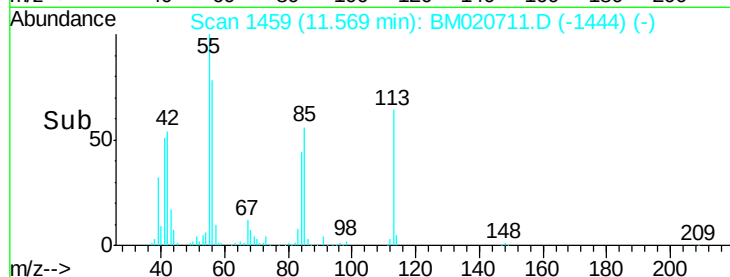
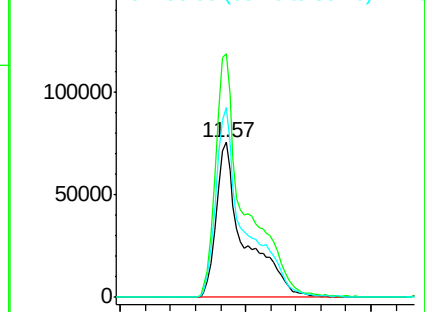
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.307 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

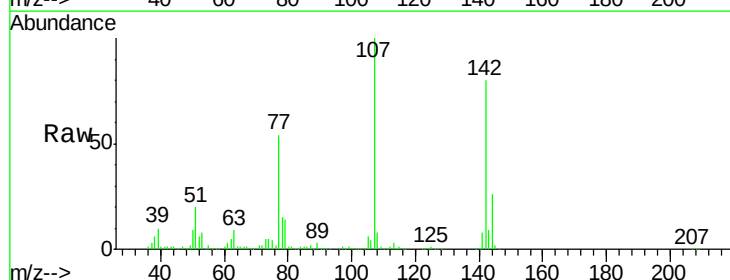
Tgt Ion:107 Resp: 869697

Ion Ratio Lower Upper

107 100

144 26.2 20.3 30.5

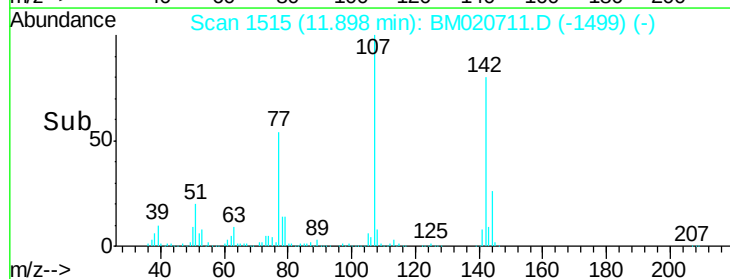
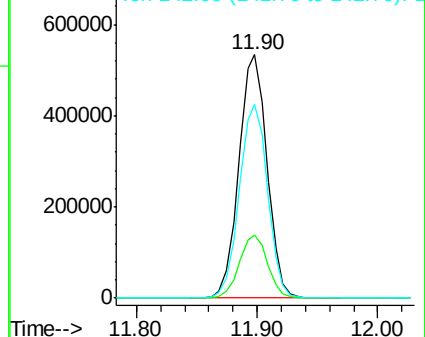
142 79.7 62.6 93.8

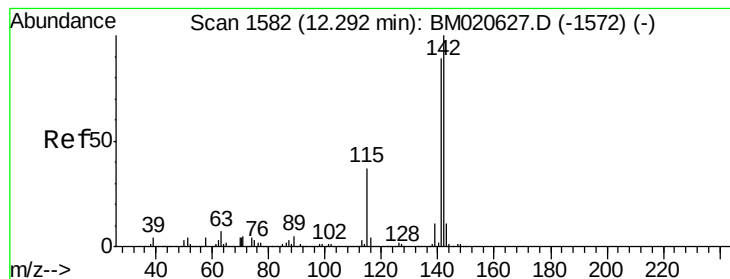


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.630 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion:142 Resp: 1980773

Ion Ratio Lower Upper

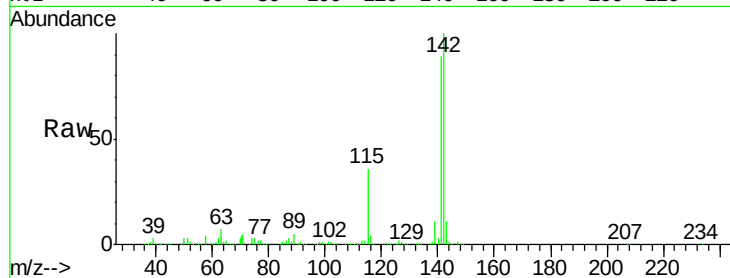
142 100

141 89.5 71.6 107.4

115 35.7 29.6 44.4

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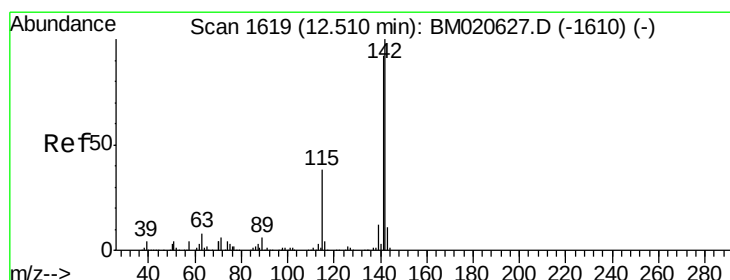
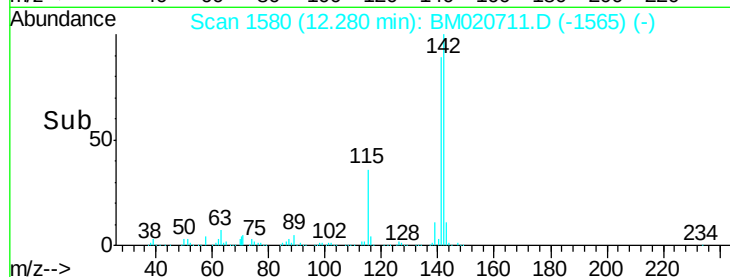
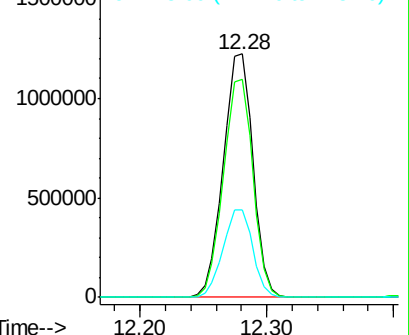
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.290 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

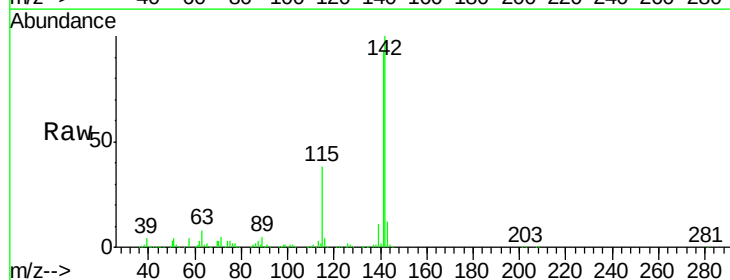
Tgt Ion:142 Resp: 1870986

Ion Ratio Lower Upper

142 100

141 93.1 73.9 110.9

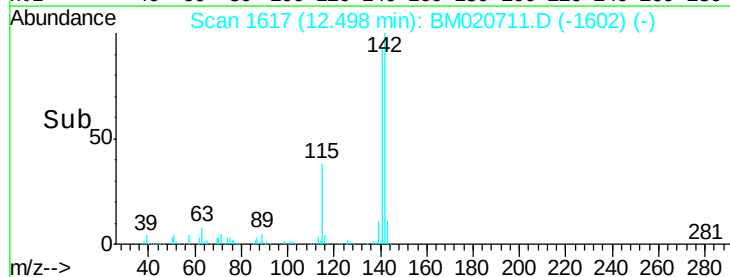
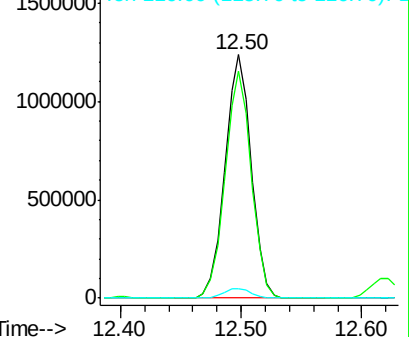
116 4.0 3.2 4.8

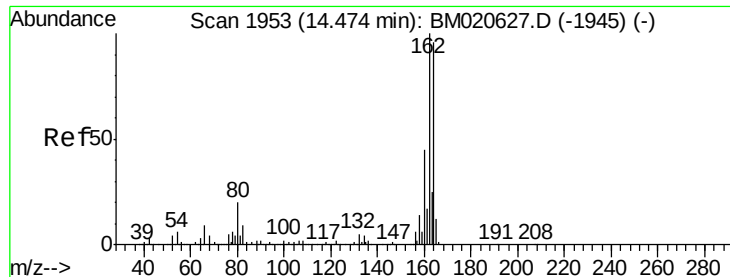


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





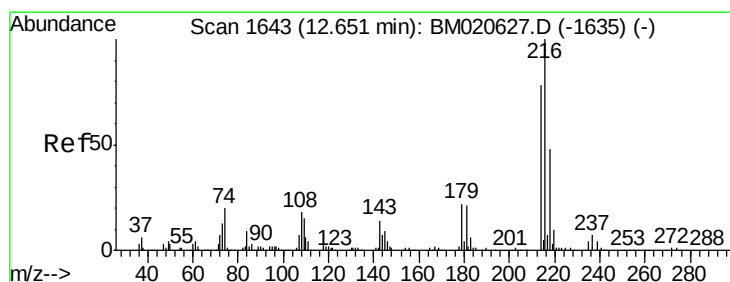
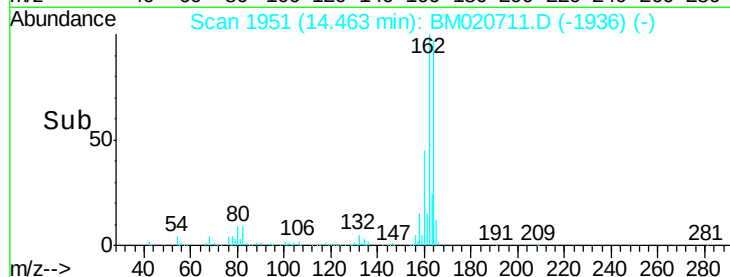
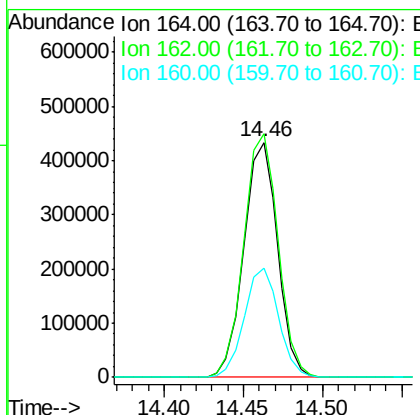
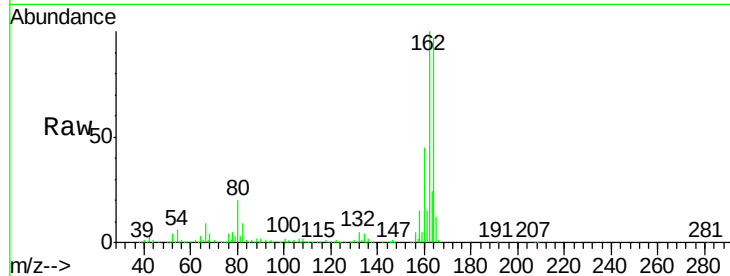
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	639573		
162	103.5	83.2	124.8	
160	46.2	37.5	56.3	

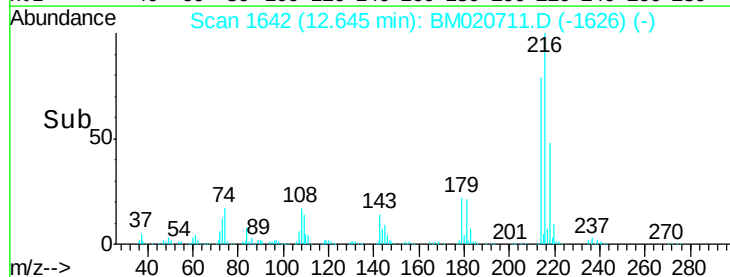
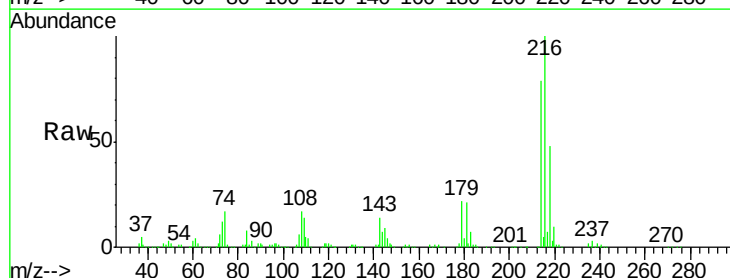
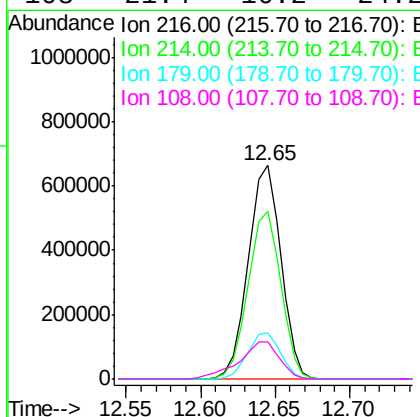
Manual Integrations
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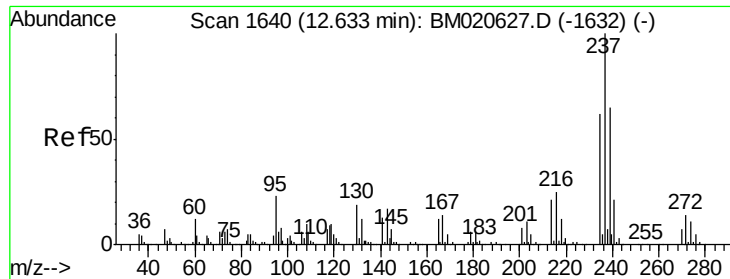
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.866 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1003249		
214	78.7	63.0	94.4	
179	21.9	17.9	26.9	
108	21.4	16.2	24.2	





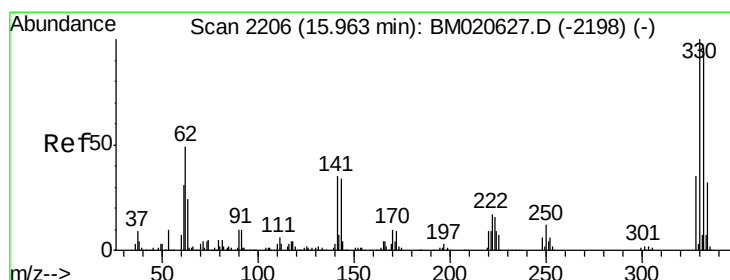
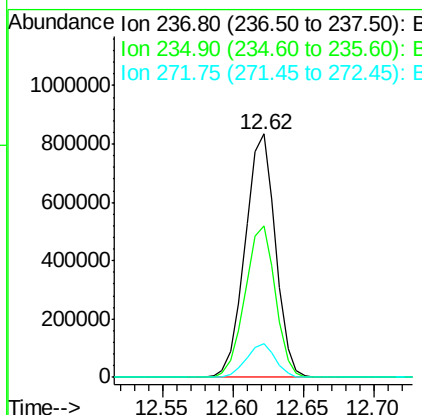
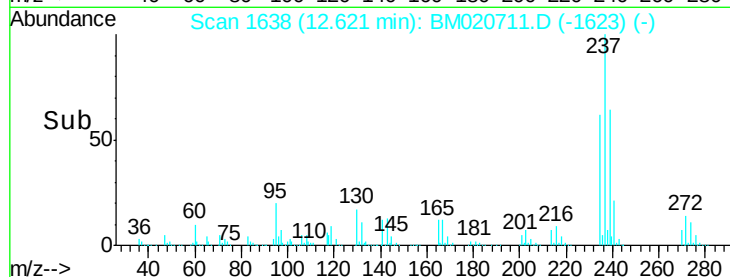
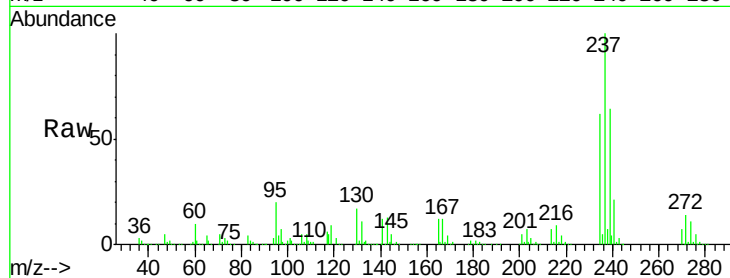
#41
Hexachlorocyclopentadiene
Concen: 100.097 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion: 237 Resp: 1254736
Ion Ratio Lower Upper
237 100
235 62.4 42.1 82.1
272 13.8 0.0 33.5

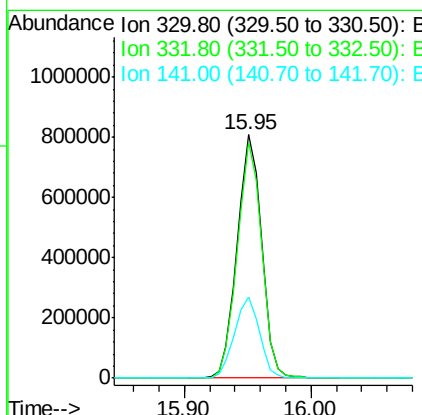
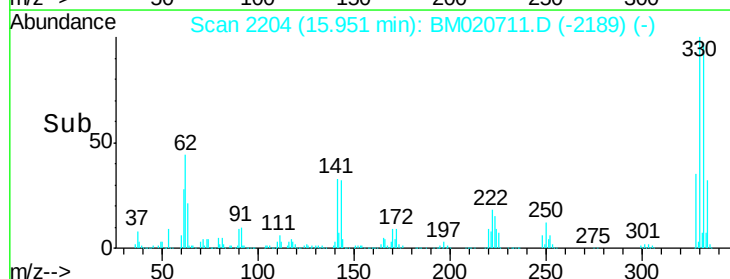
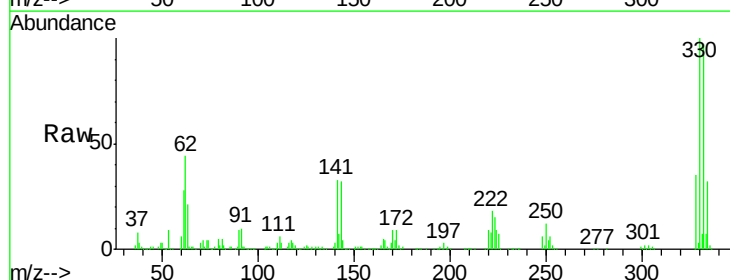
Manual Integrations
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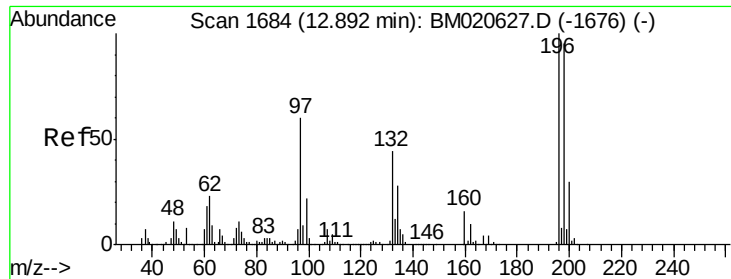
mohammad
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#42
2,4,6-Tribromophenol
Concen: 136.138 ng
RT: 15.95 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion: 330 Resp: 1078792
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 34.3 30.4 45.6





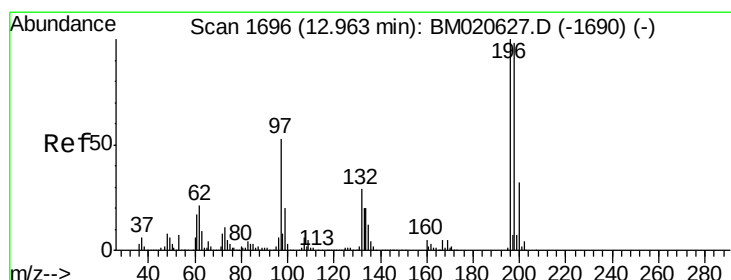
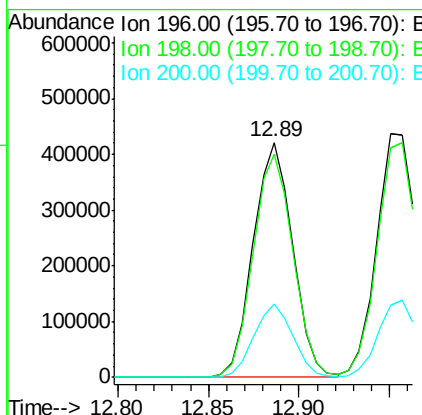
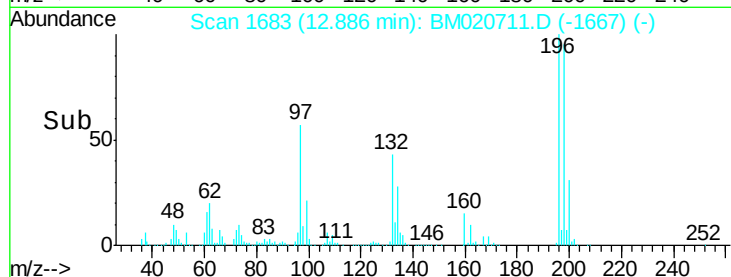
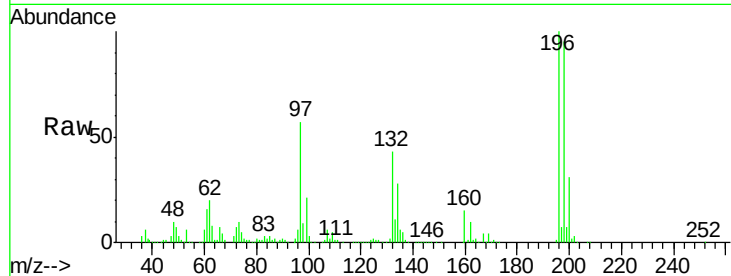
#43
 2,4,6-Trichlorophenol
 Concen: 47.255 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BS

Tgt Ion:	196	Resp:	637522
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
200	31.4	23.9	35.9

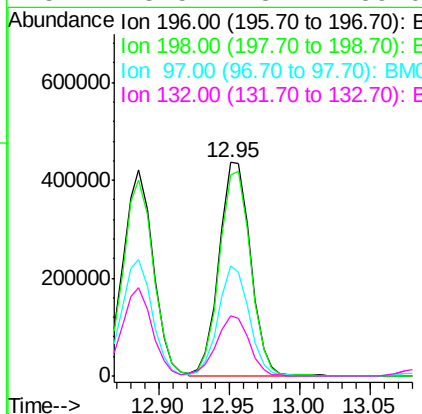
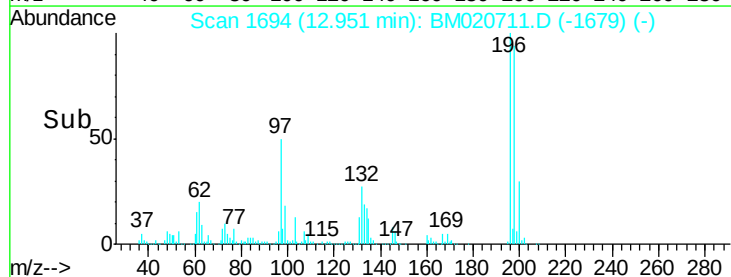
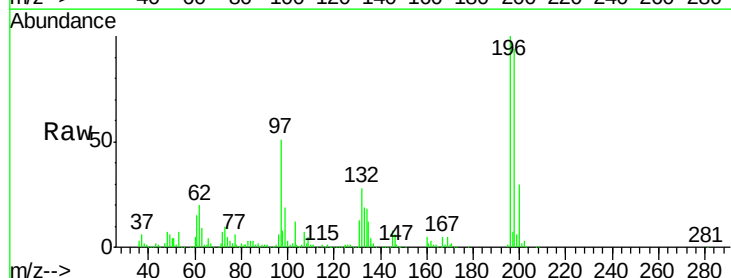
Manual Integrations
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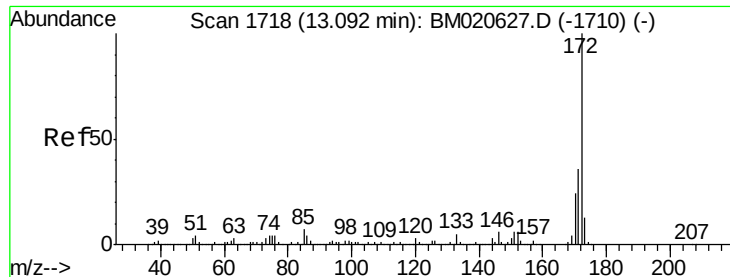
mohammad
 6/5/2019 3:41:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.357 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Tgt Ion:	196	Resp:	673530
Ion Ratio	Lower	Upper	
196	100		
198	94.3	78.6	117.8
97	51.3	42.7	64.1
132	28.5	23.4	35.0





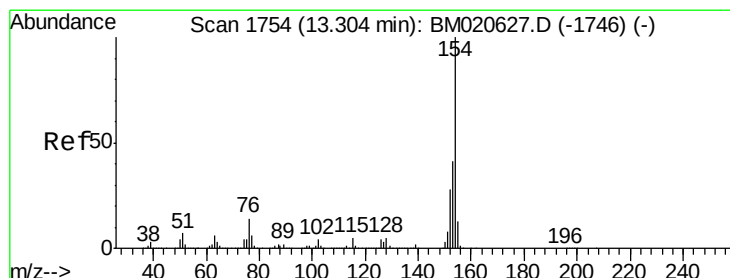
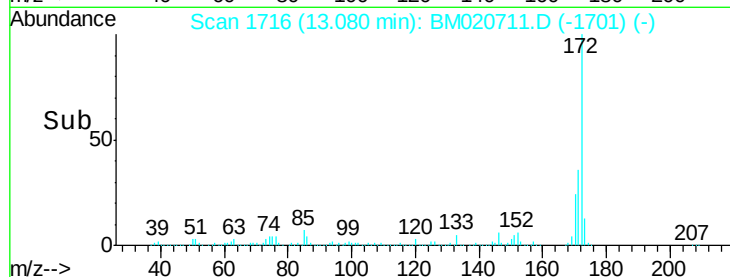
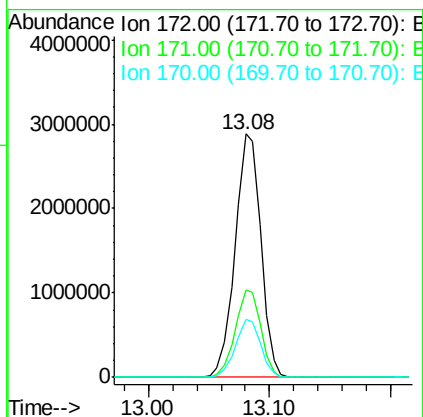
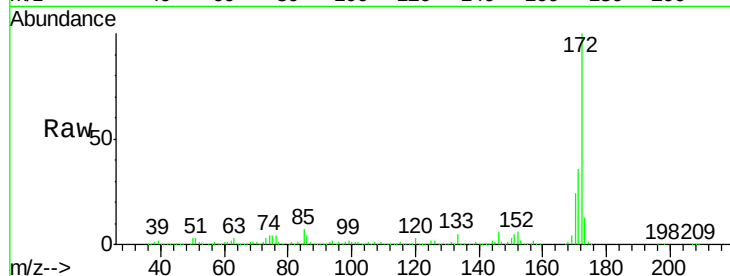
#45
2-Fluorobiphenyl
Concen: 88.933 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	18.9	28.3

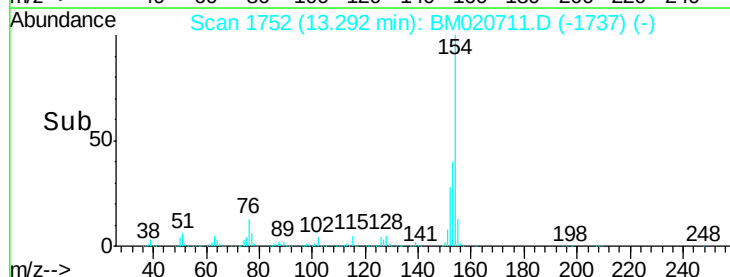
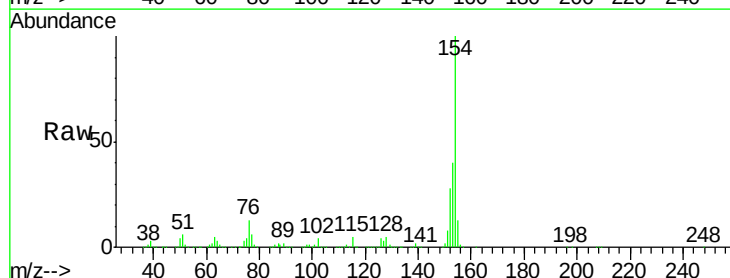
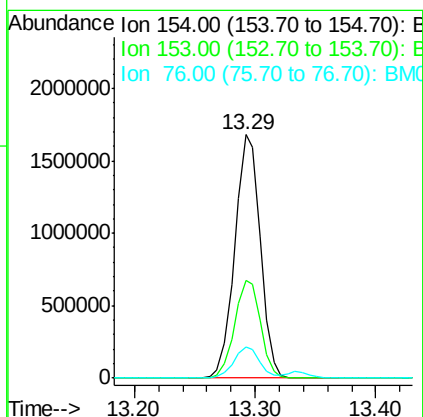
Manual Integrations
APPROVED

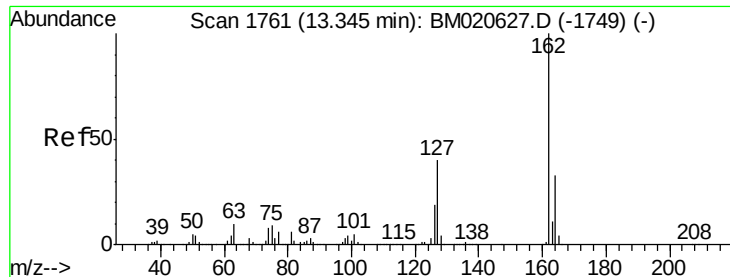
mohammad
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#46
1,1'-Biphenyl
Concen: 46.172 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	12.8	0.0	34.0





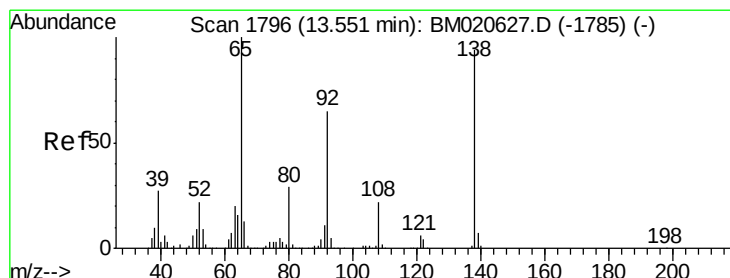
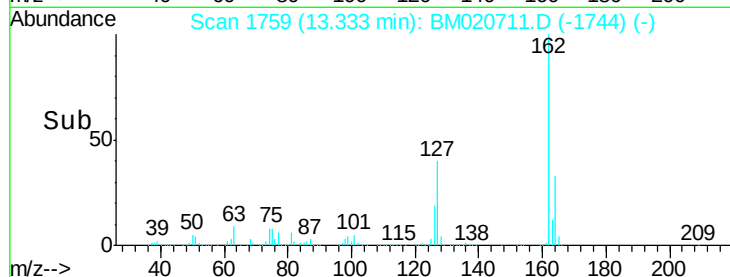
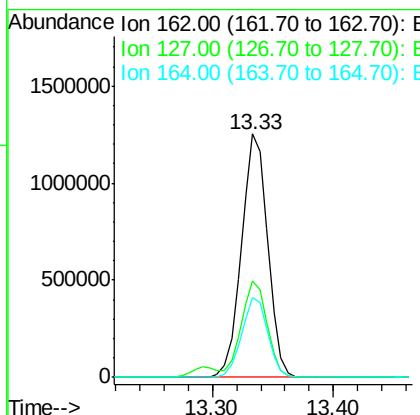
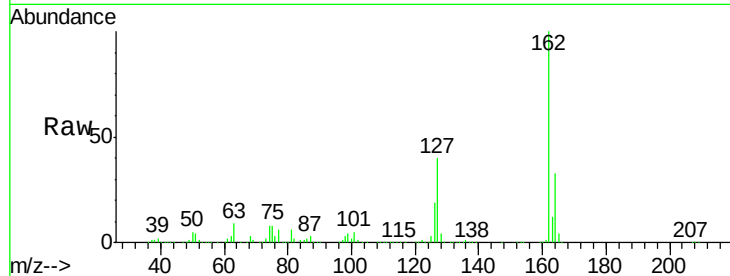
#47
2-Chloronaphthalene
Concen: 43.998 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.1	48.1
164	33.0	26.6	39.8

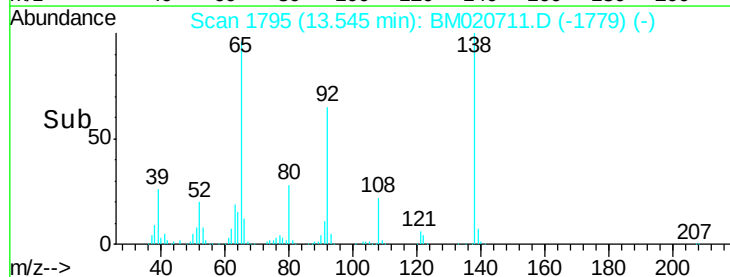
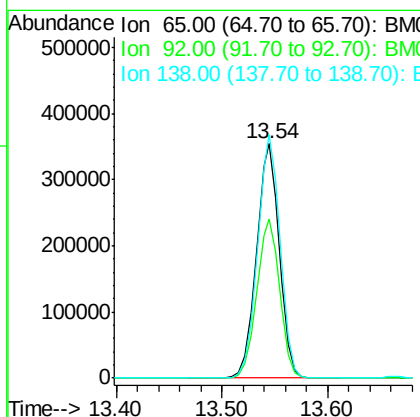
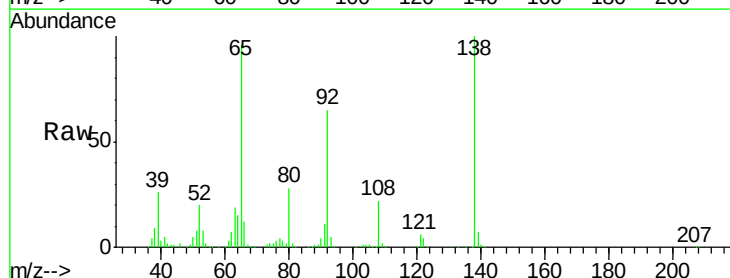
Manual Integrations
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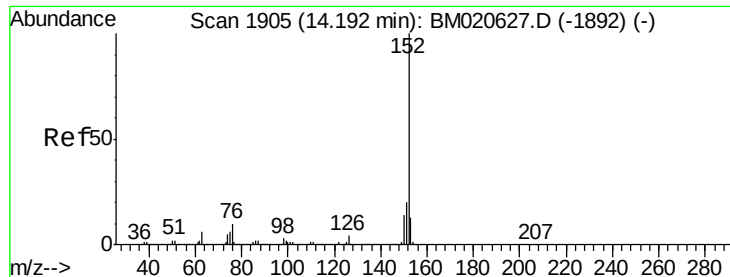
mohammad
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#48
2-Nitroaniline
Concen: 39.515 ng
RT: 13.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	52.2	78.4
138	103.8	75.4	113.0





#49

Acenaphthylene

Concen: 44.229 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

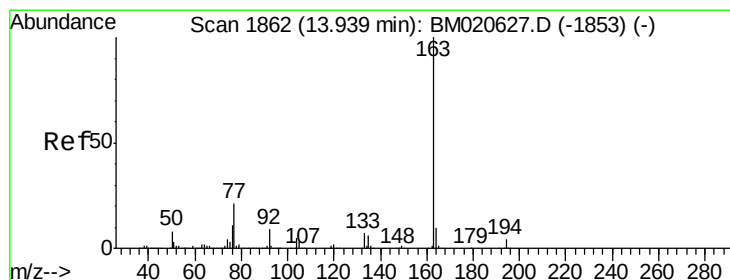
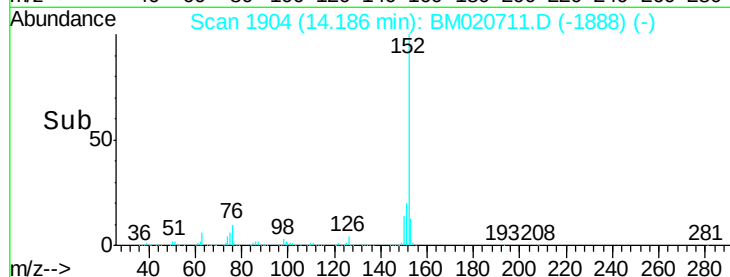
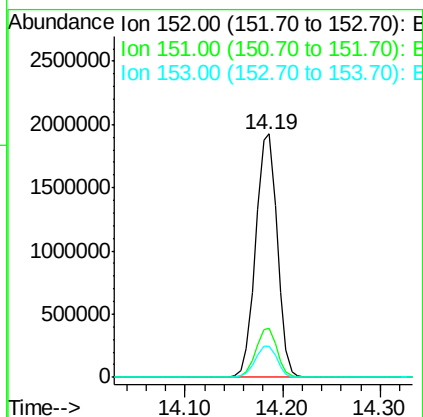
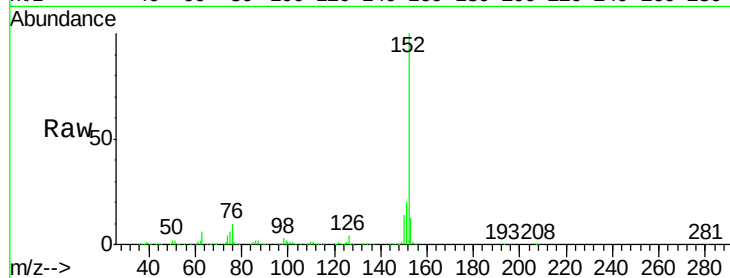
ClientSampleId :

PB119943BS

Tgt Ion:	152	Resp:	2975073
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	12.9	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.180 ng

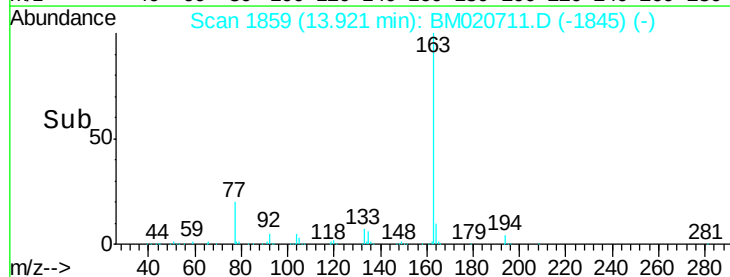
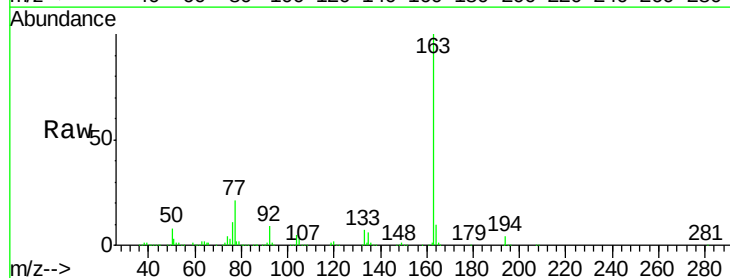
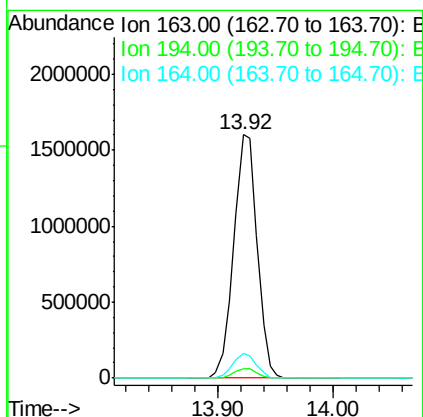
RT: 13.92 min Scan# 1859

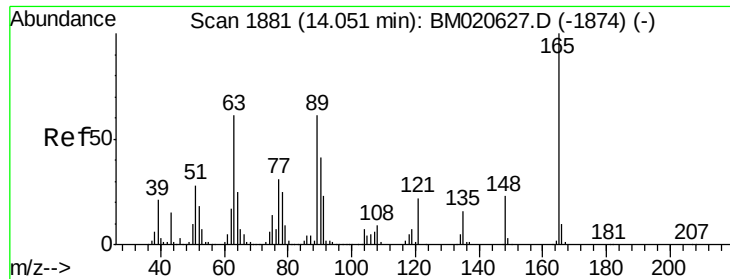
Delta R.T. -0.02 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	163	Resp:	2250174
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.9	11.9





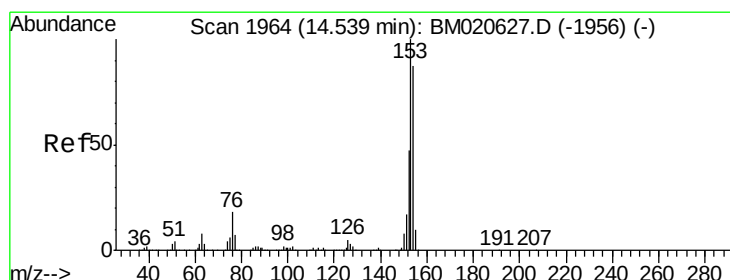
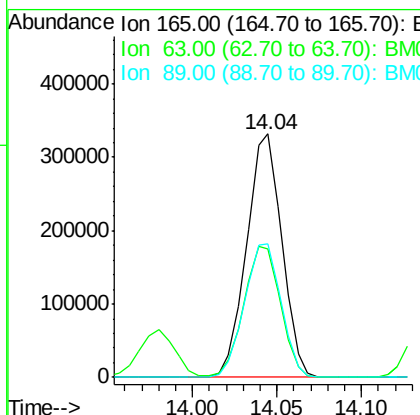
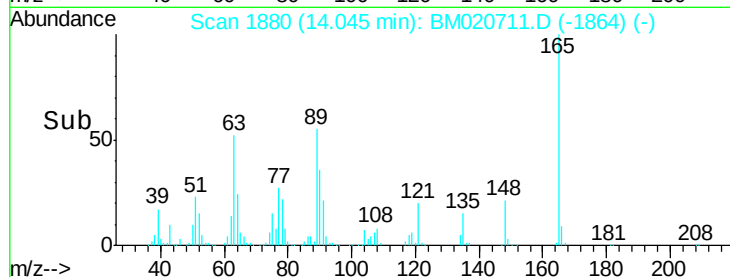
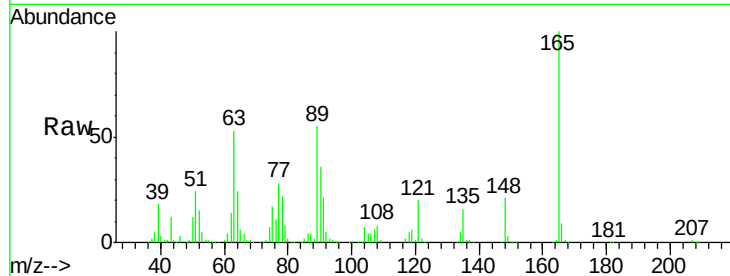
#51
2,6-Dinitrotoluene
Concen: 43.476 ng
RT: 14.04 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	482364		
63	52.6	50.4	75.6	
89	54.9	49.1	73.7	

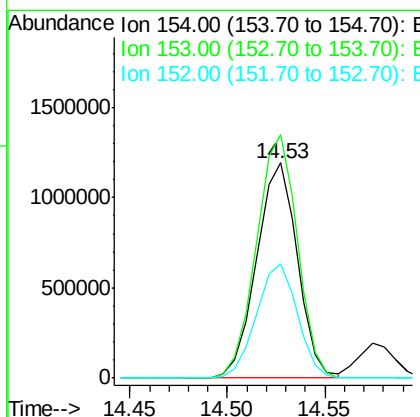
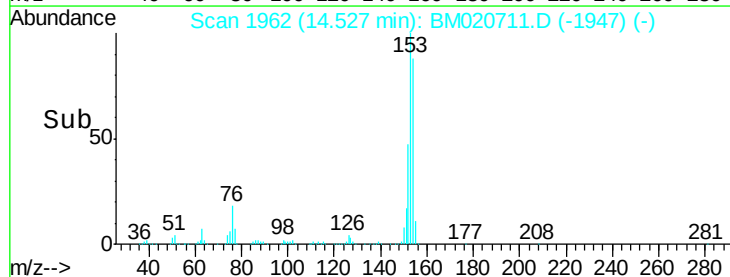
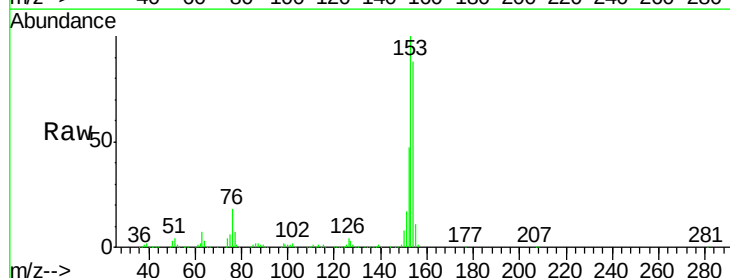
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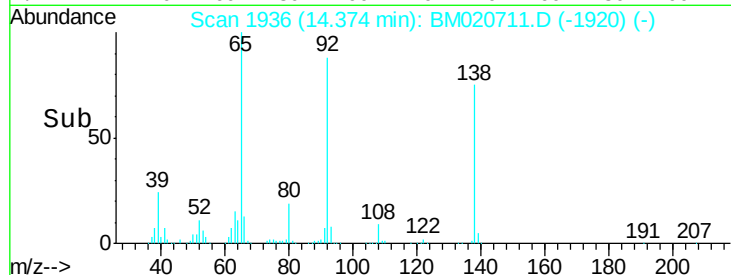
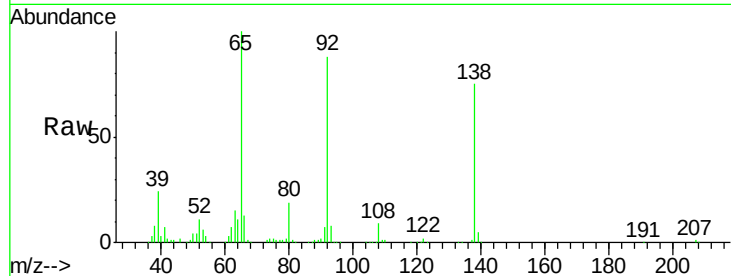
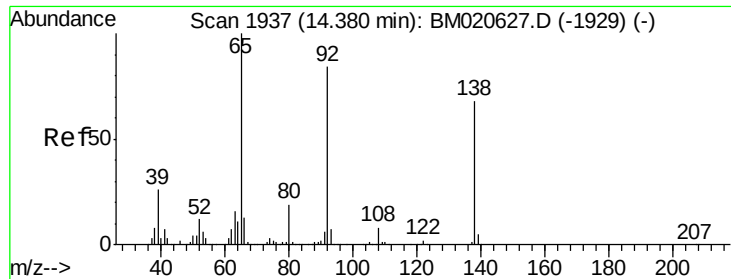
mohammad
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#52
Acenaphthene
Concen: 43.266 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1734365		
153	113.1	92.4	138.6	
152	53.3	43.4	65.0	





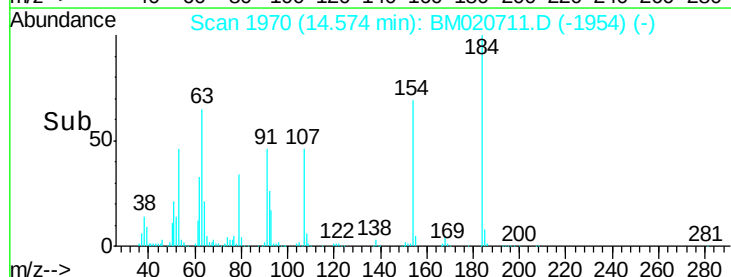
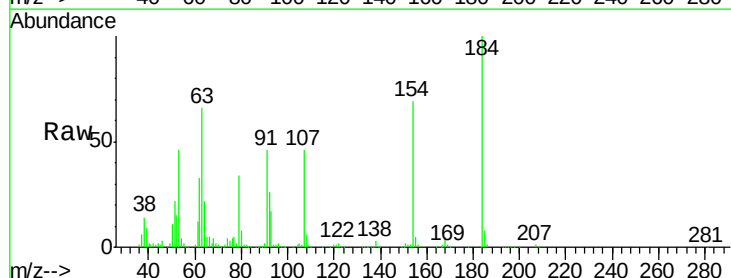
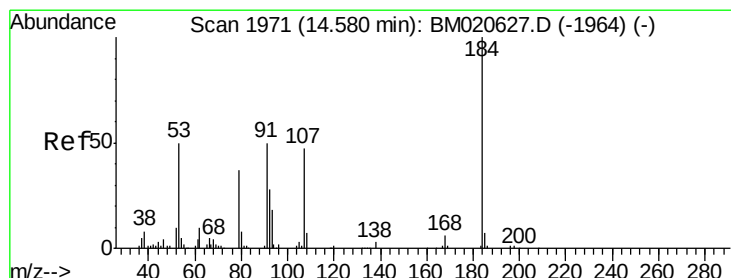
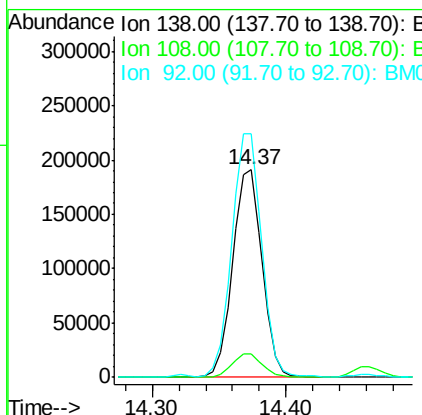
#53
3-Nitroaniline
Concen: 23.618 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	292485		
108	11.6	9.5	14.3	
92	117.5	99.6	149.4	

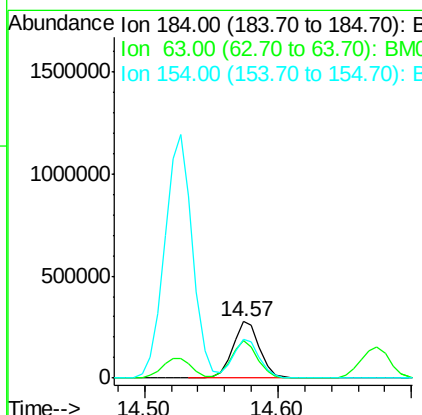
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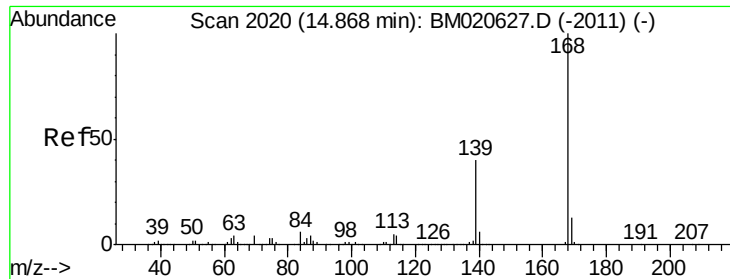
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#54
2,4-Dinitrophenol
Concen: 80.829 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	386203		
63	65.6	59.3	88.9	
154	68.9	56.5	84.7	





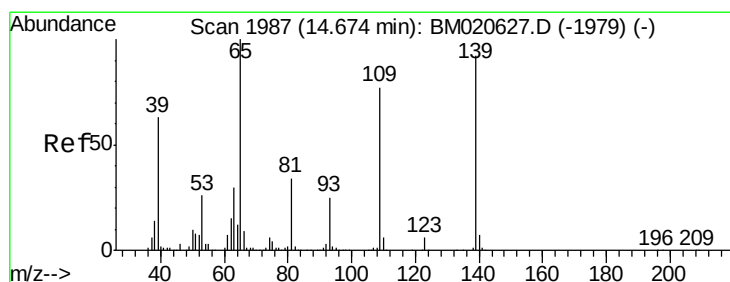
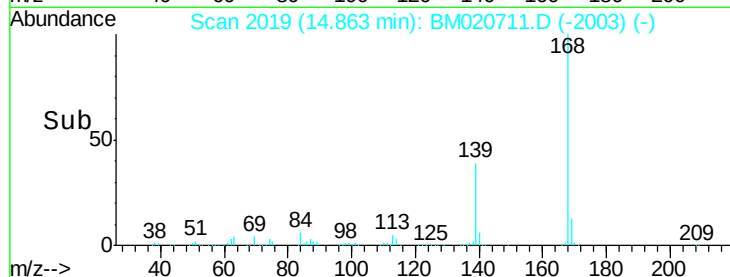
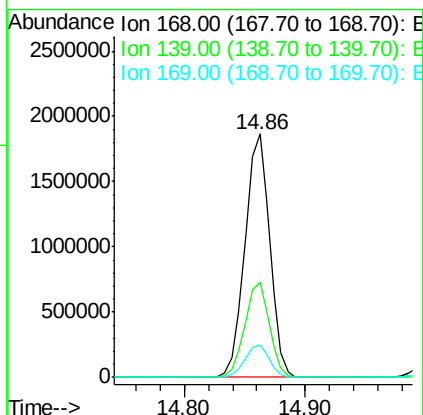
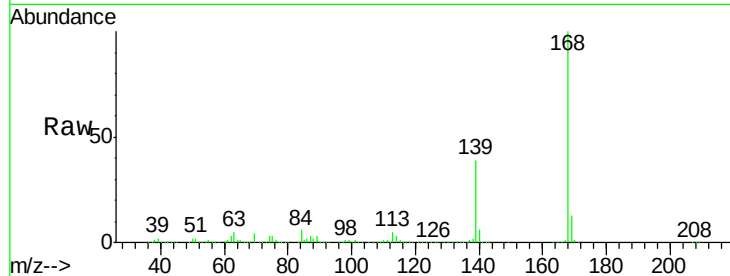
#55
Dibenzofuran
Concen: 42.955 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.9	47.9
169	13.1	10.7	16.1

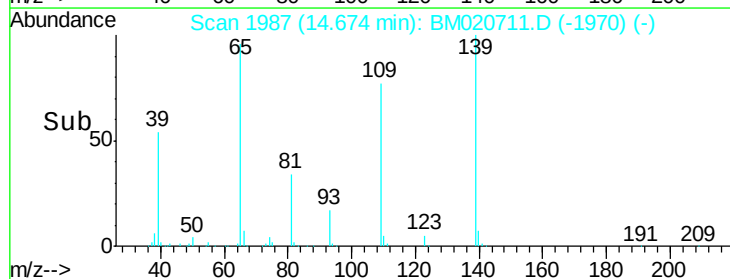
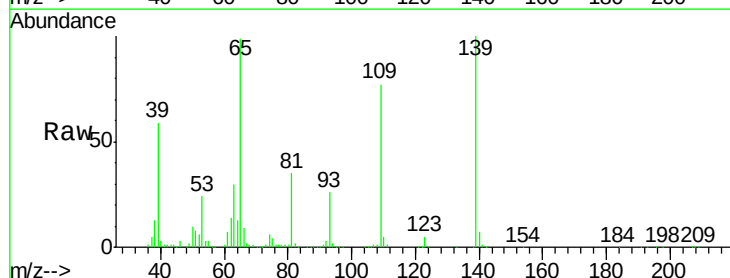
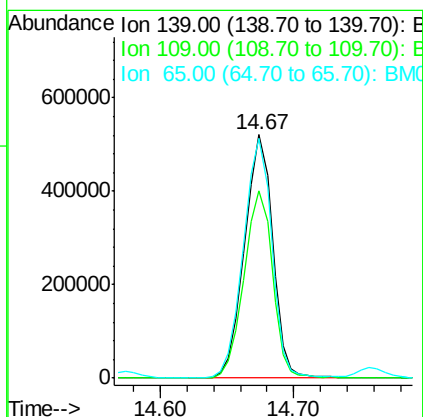
Manual Integrations
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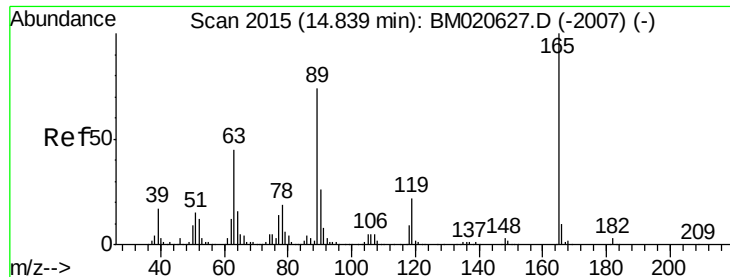
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#56
4-Nitrophenol
Concen: 83.191 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	62.7	102.7
65	98.7	88.3	128.3





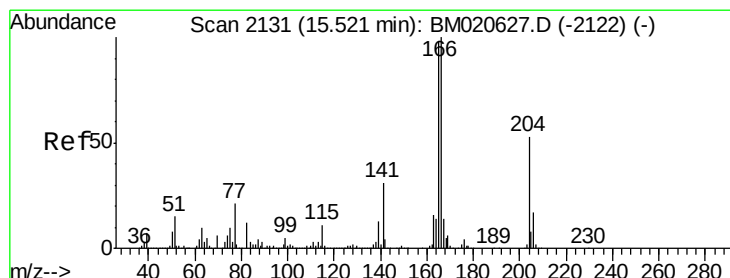
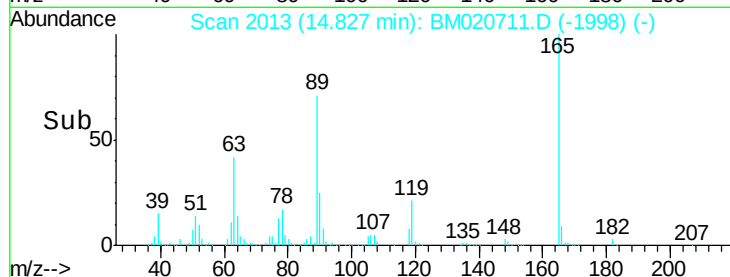
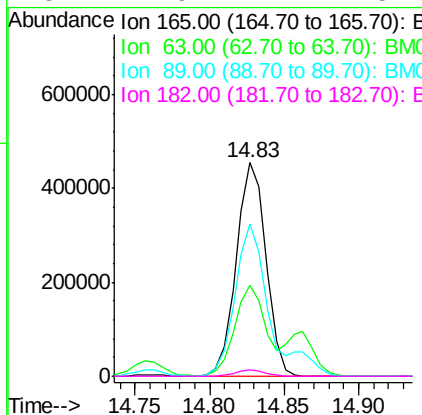
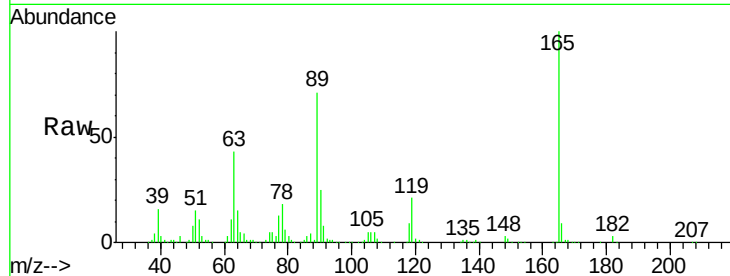
#57
 2,4-Dinitrotoluene
 Concen: 42.330 ng
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	628851		
63	42.7	36.3	54.5	
89	71.0	59.0	88.6	
182	2.9	2.2	3.4	

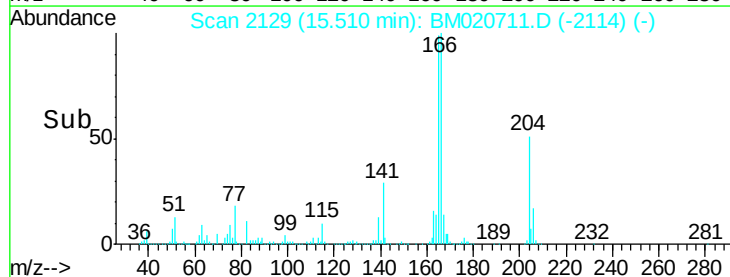
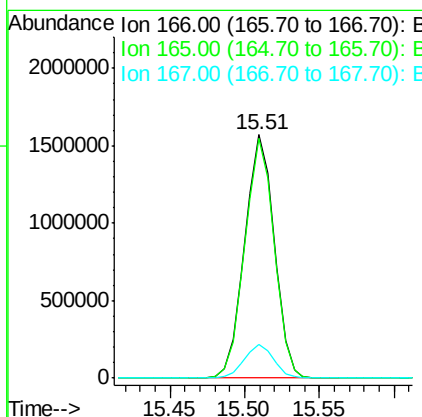
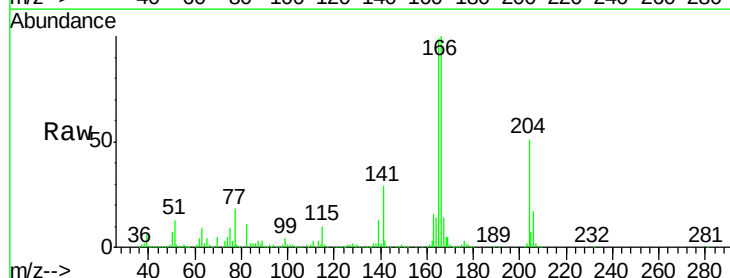
Manual Integrations
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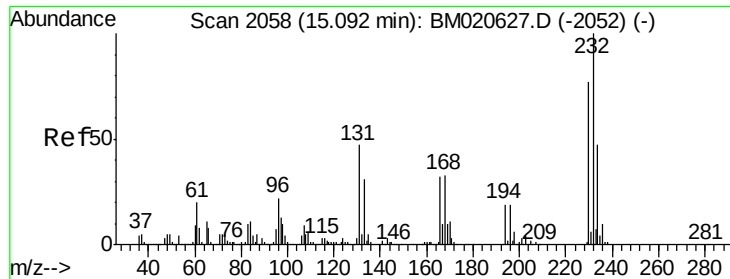
mohammad
 6/5/2019 3:41:35 PM



#58
 Fluorene
 Concen: 41.916 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2146090		
165	98.6	78.6	117.8	
167	13.6	11.0	16.4	





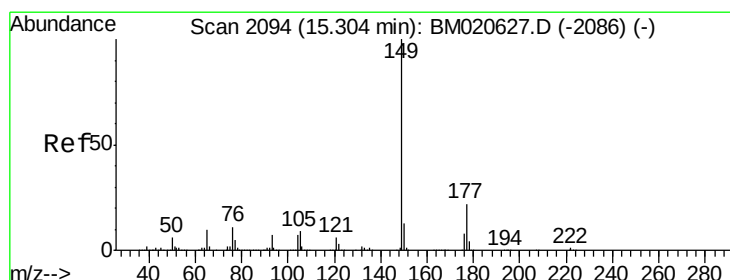
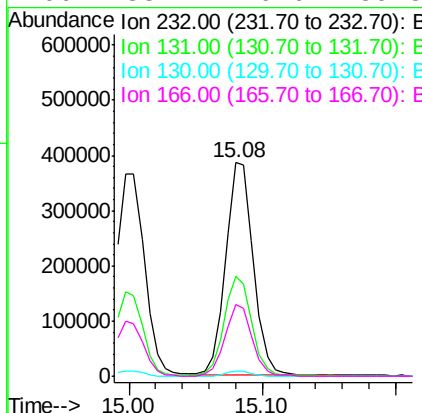
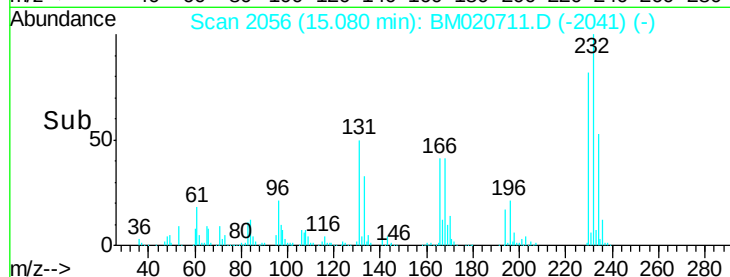
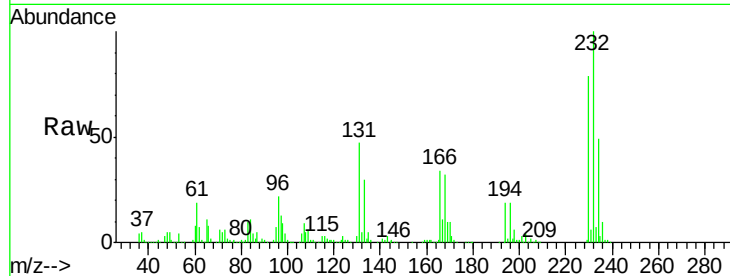
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.999 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	558283		
131	46.6	38.6	57.8	
130	2.5	2.2	3.2	
166	33.1	26.6	39.8	

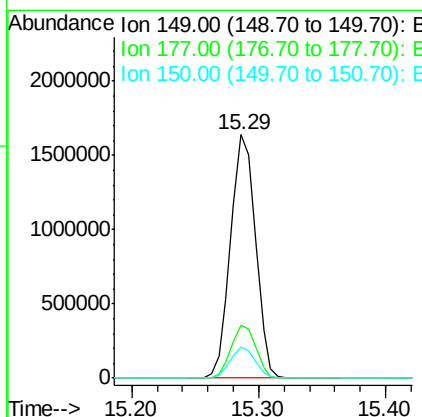
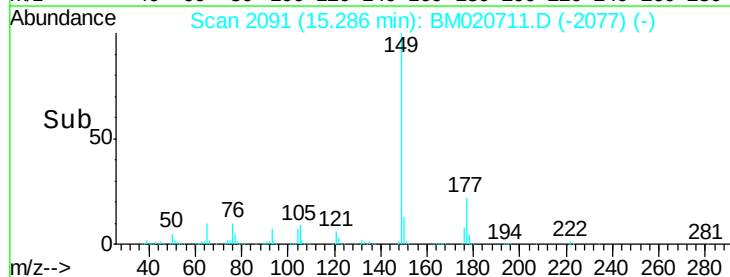
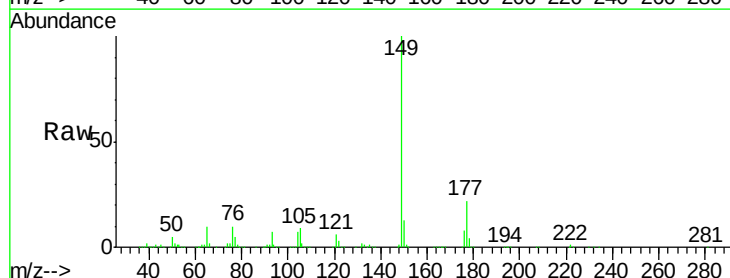
Manual Integrations
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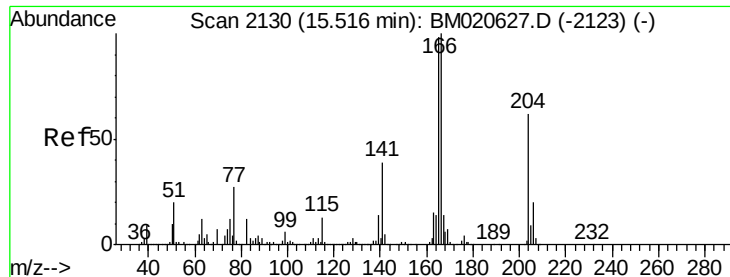
mohammad
 6/5/2019 3:41:35 PM



#60
 Diethylphthalate
 Concen: 39.450 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2223201		
177	21.9	17.2	25.8	
150	12.7	10.1	15.1	





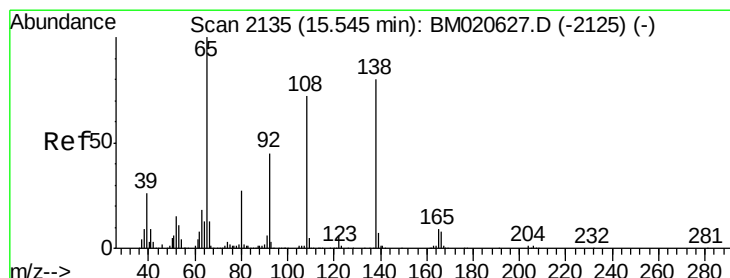
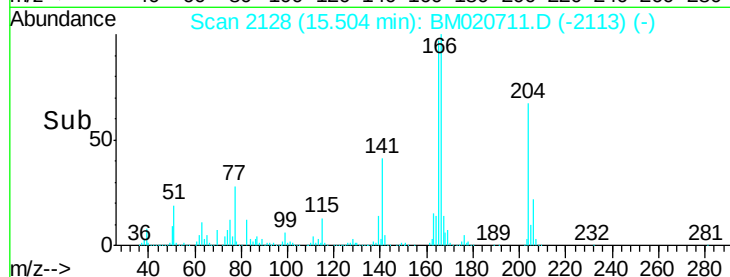
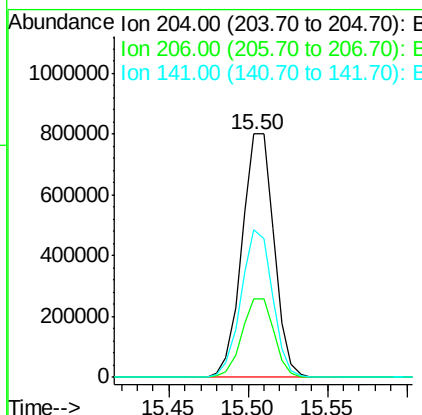
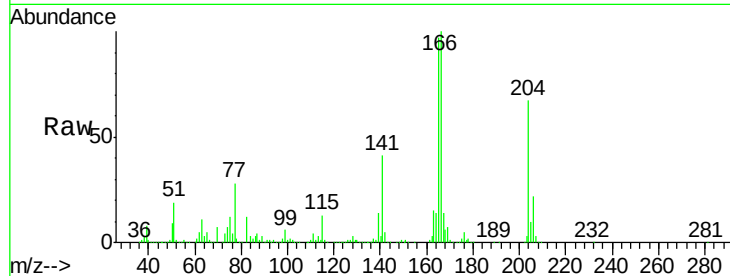
#61
4-Chlorophenyl-phenylether
Concen: 41.312 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampled :
PB119943BS

Tgt Ion: 204 Resp: 1119918
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 60.9 50.2 75.4

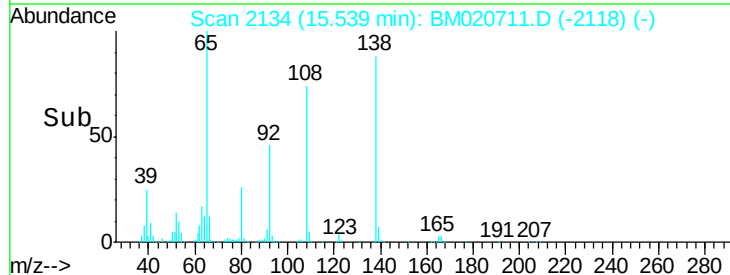
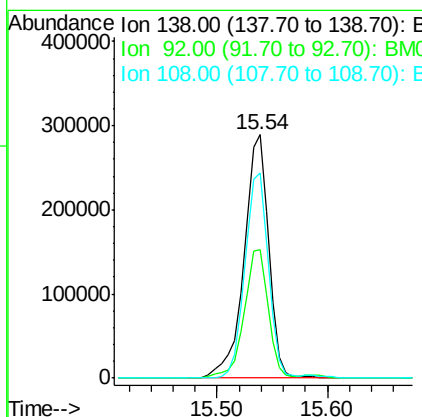
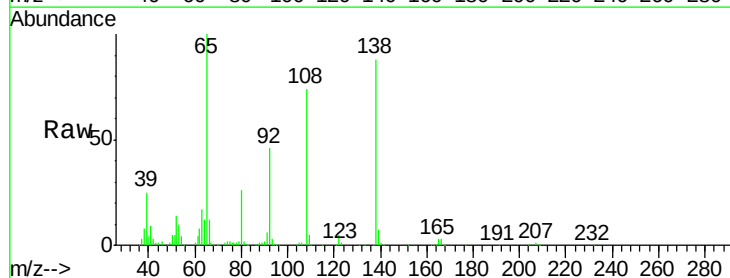
Manual Integrations
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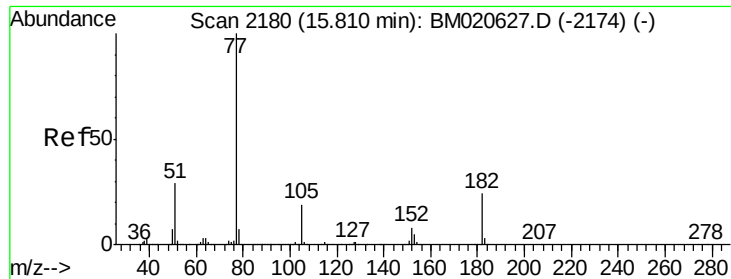
mohammad
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#62
4-Nitroaniline
Concen: 34.695 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion: 138 Resp: 455678
Ion Ratio Lower Upper
138 100
92 52.5 36.7 76.7
108 84.2 70.3 110.3





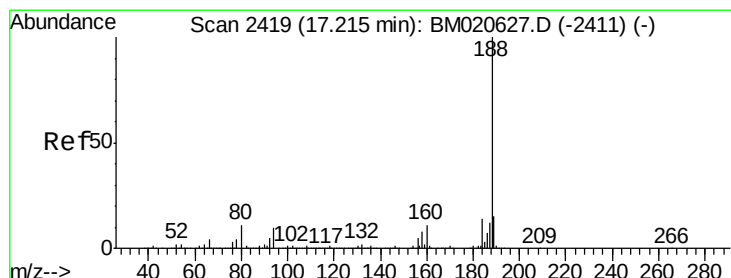
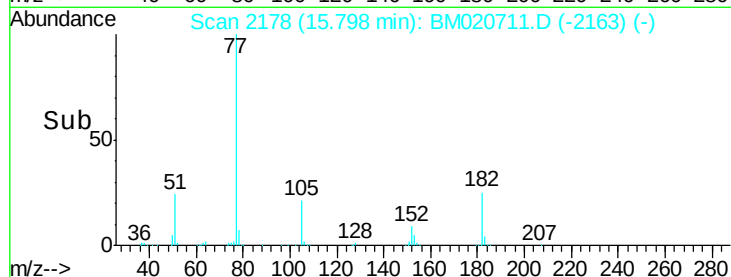
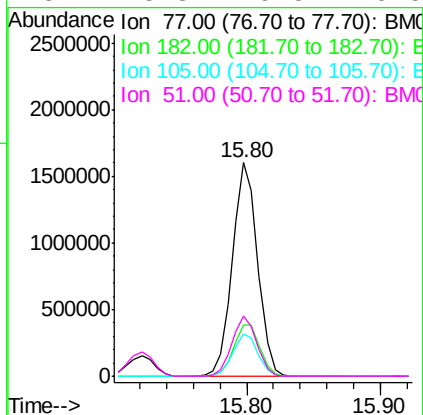
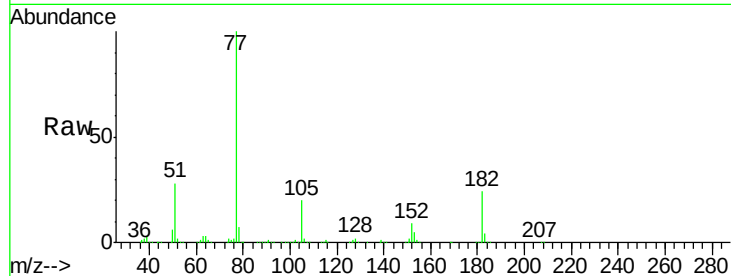
#63
Azobenzene
Concen: 38.876 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.6	43.6
105	19.8	0.0	39.4
51	28.3	9.5	49.5

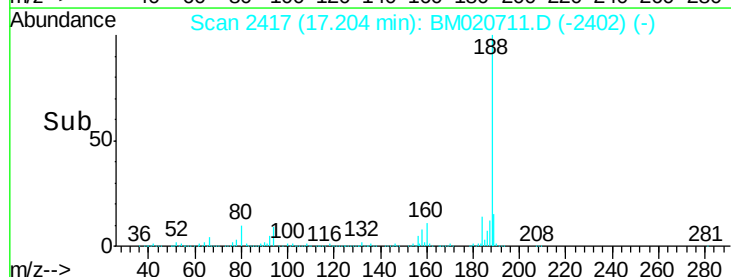
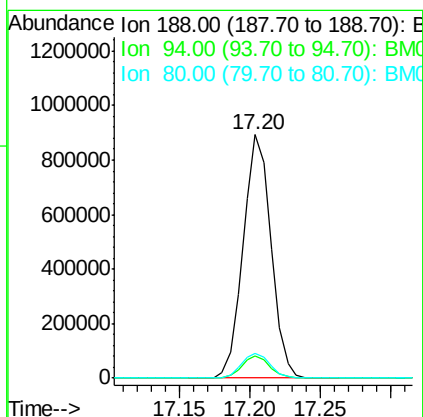
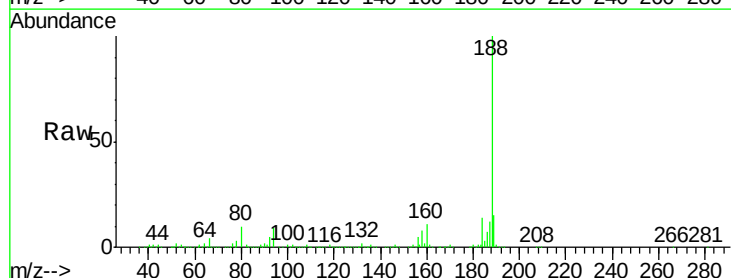
Manual Integrations
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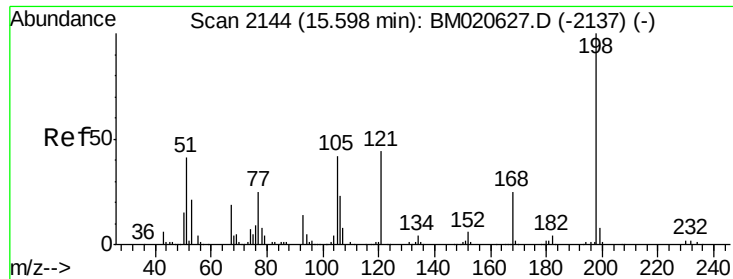
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.8
80	10.4	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 43.194 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion:198 Resp: 235673
Ion Ratio Lower Upper

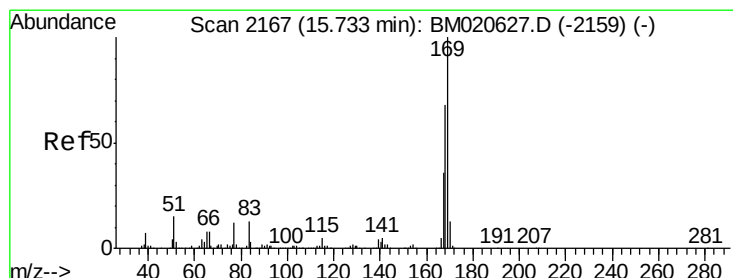
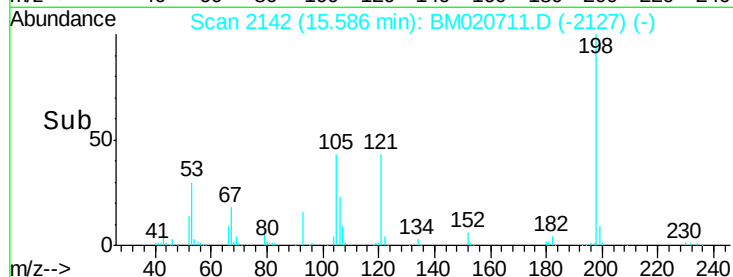
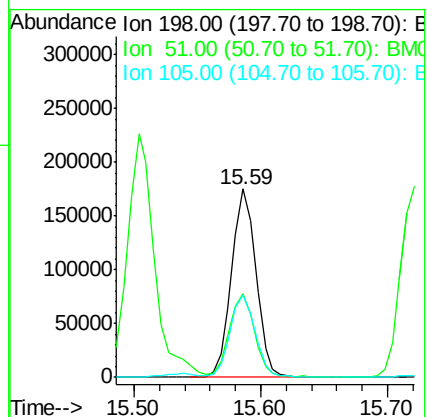
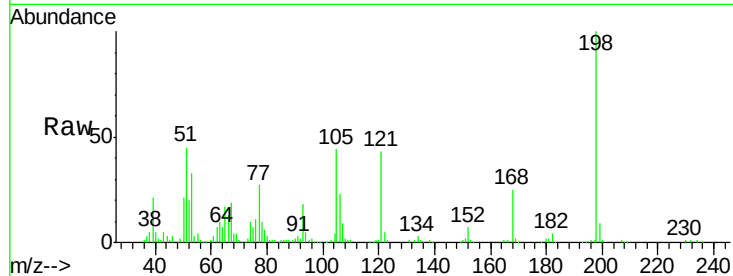
198 100

51 44.7 27.7 67.7

105 43.9 23.8 63.8

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.327 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020711.D

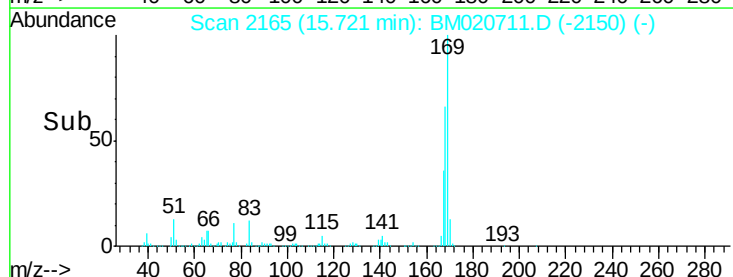
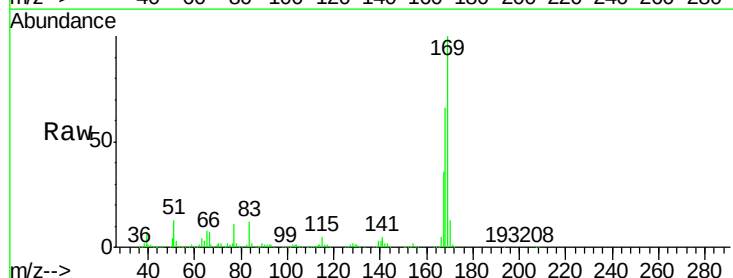
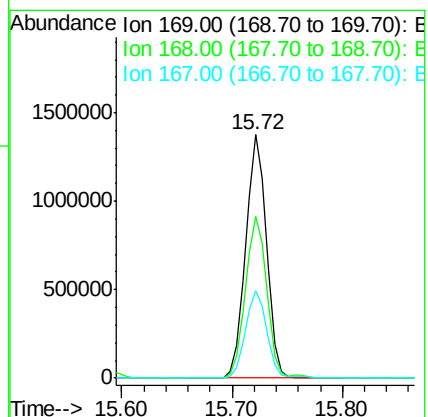
Acq: 04 Jun 2019 20:01

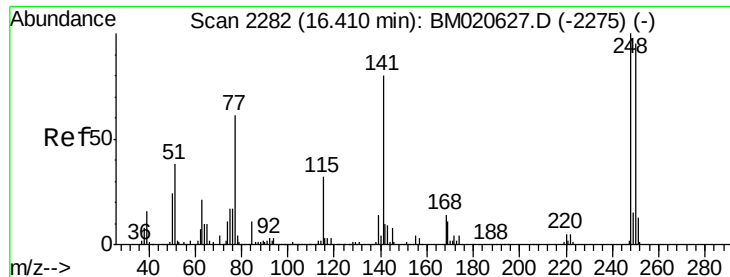
Tgt Ion:169 Resp: 1824001
Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.4

167 36.0 29.1 43.7





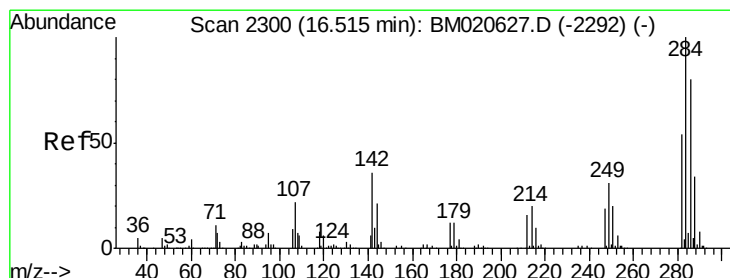
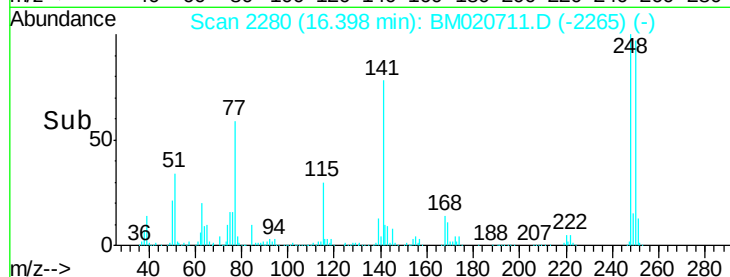
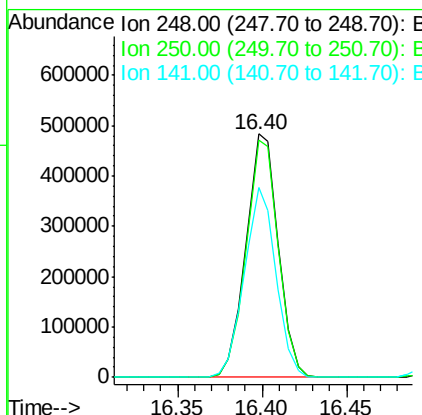
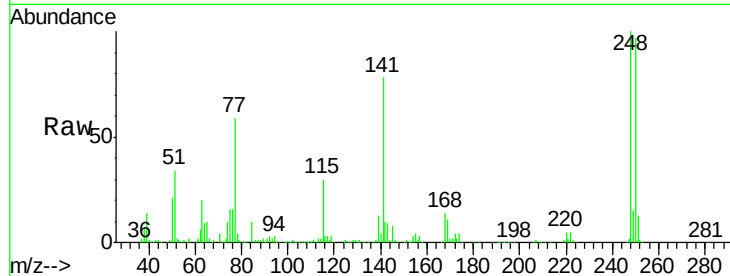
#67
4-Bromophenyl-phenylether
Concen: 44.488 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.3	114.5
141	77.8	64.2	96.2

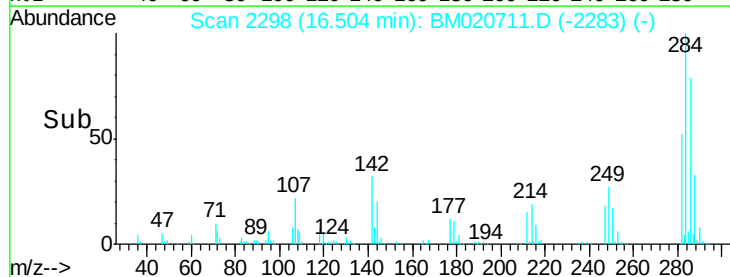
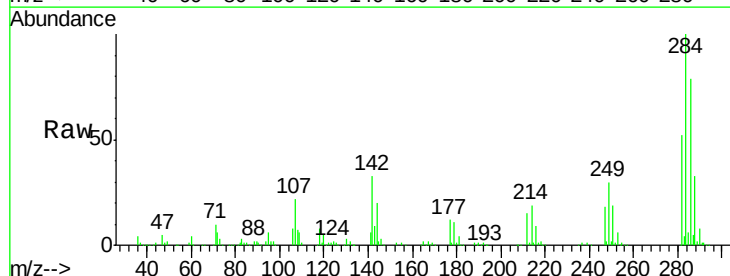
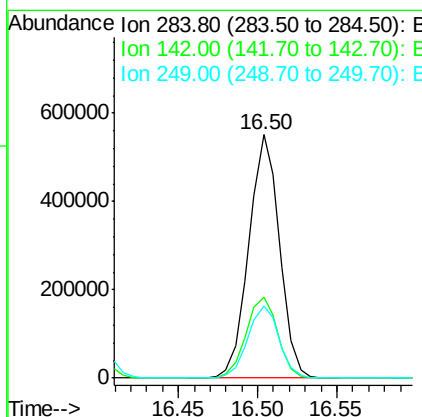
Manual Integrations
APPROVED

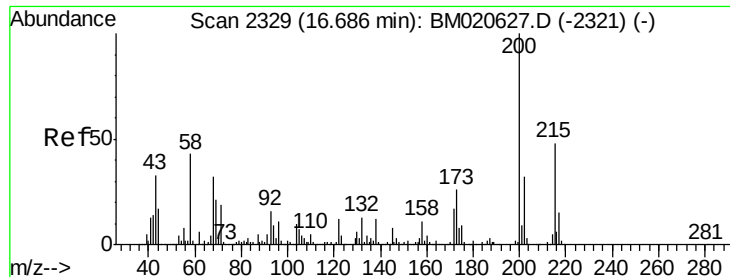
mohammad
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#68
Hexachlorobenzene
Concen: 43.751 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	28.6	42.8
249	29.9	25.0	37.4





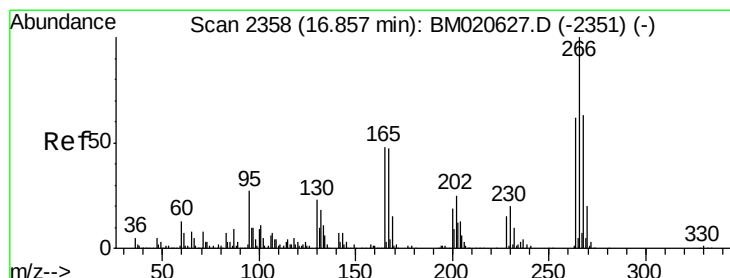
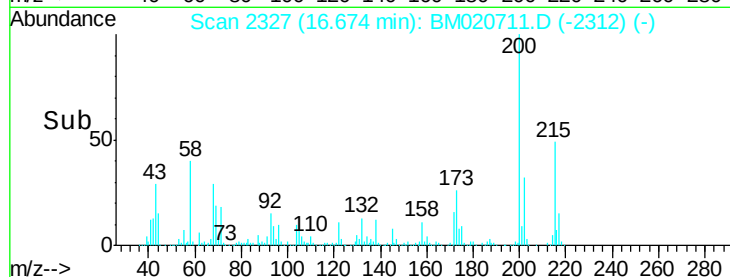
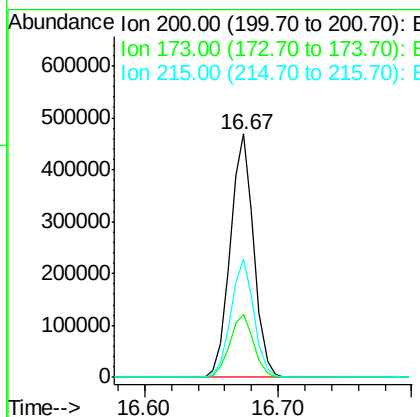
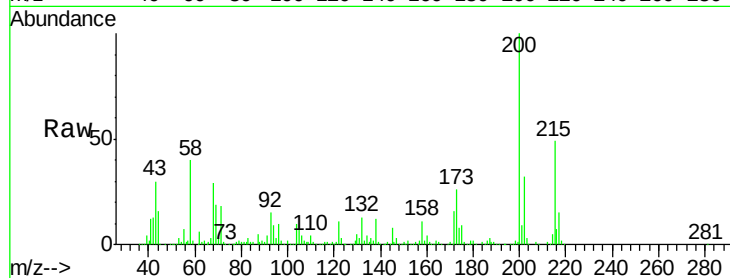
#69
Atrazine
Concen: 48.906 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	6.2	46.2
215	48.8	27.7	67.7

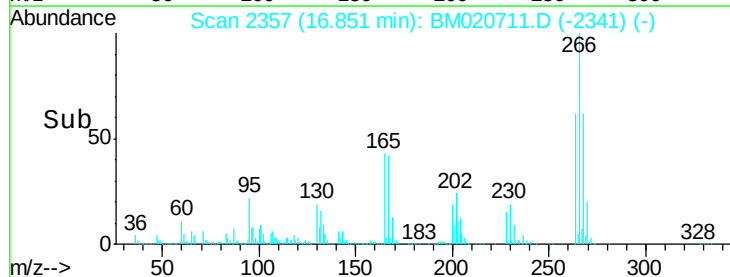
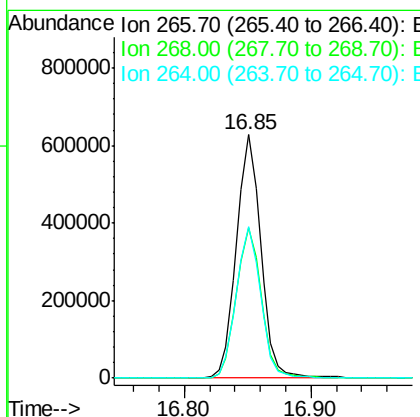
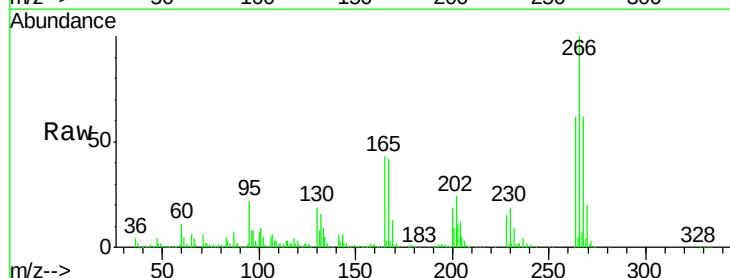
Manual Integrations
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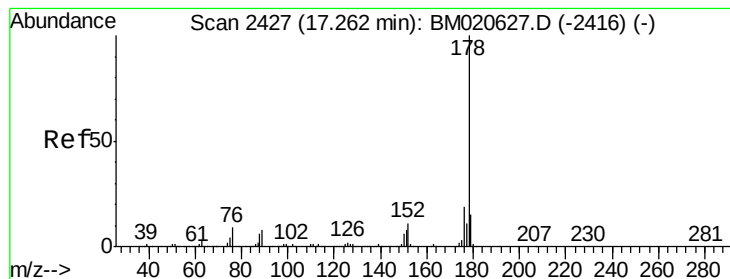
mohammad
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#70
Pentachlorophenol
Concen: 104.038 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.9	50.6	75.8
264	62.2	49.6	74.4





#71

Phenanthrene

Concen: 43.347 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion:178 Resp: 3021918

Ion Ratio Lower Upper

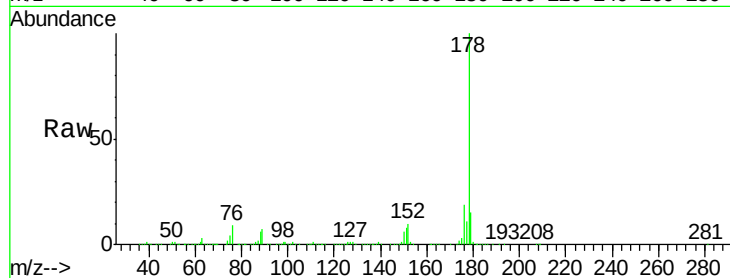
178 100

176 18.9 15.5 23.3

179 15.4 12.2 18.4

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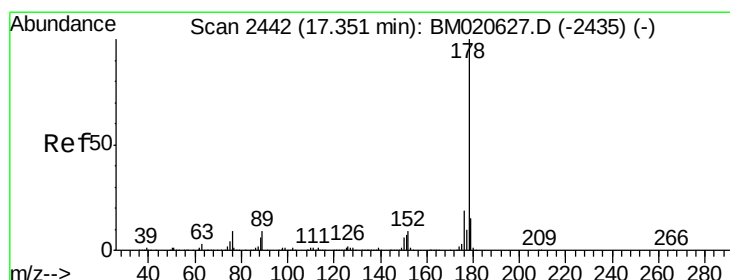
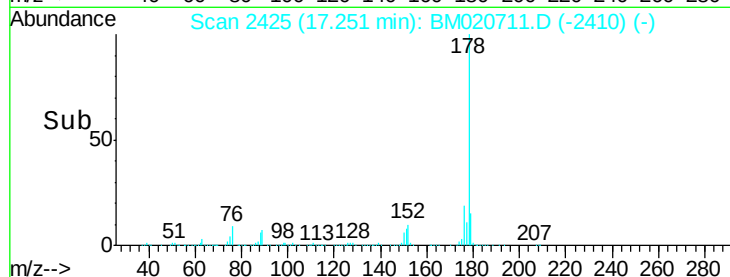
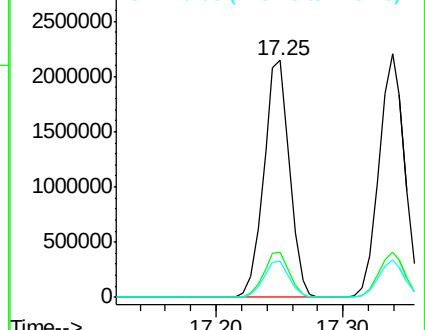
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.297 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:178 Resp: 3090842

Ion Ratio Lower Upper

178 100

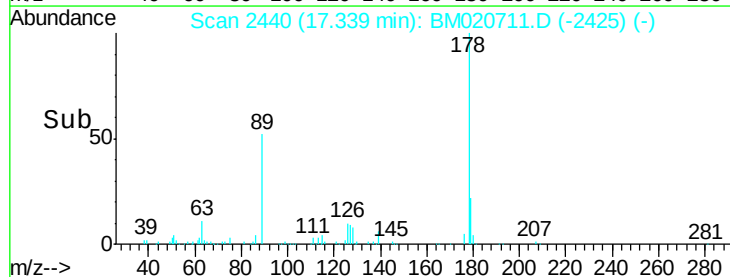
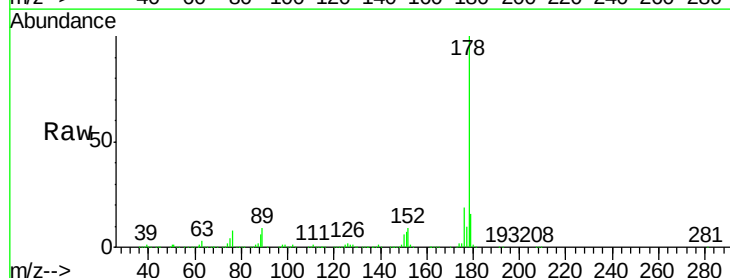
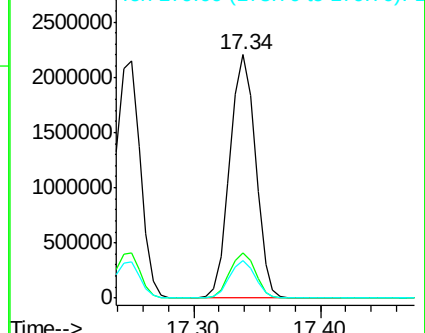
176 18.5 15.1 22.7

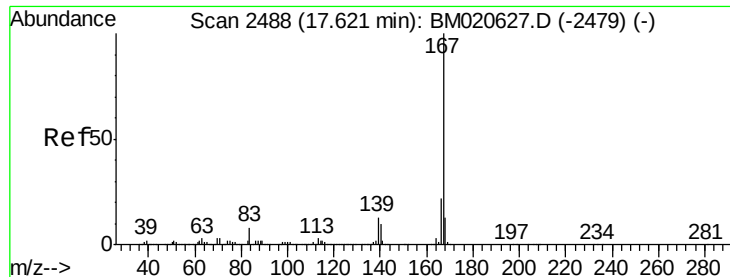
179 15.6 12.3 18.5

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.956 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

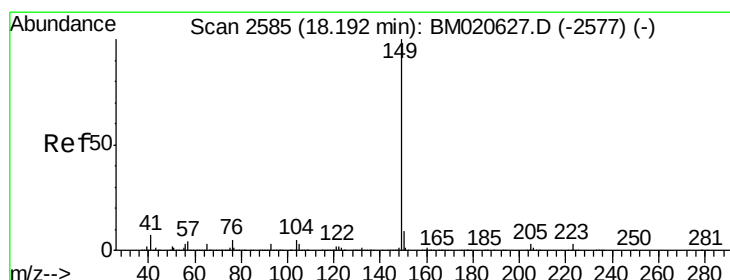
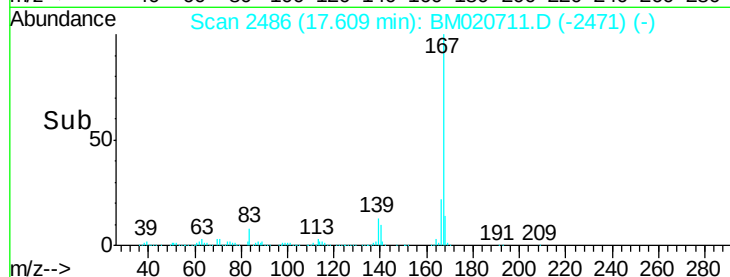
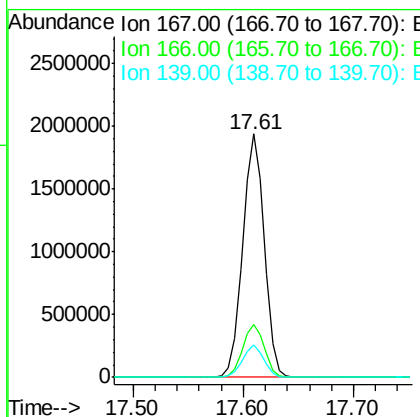
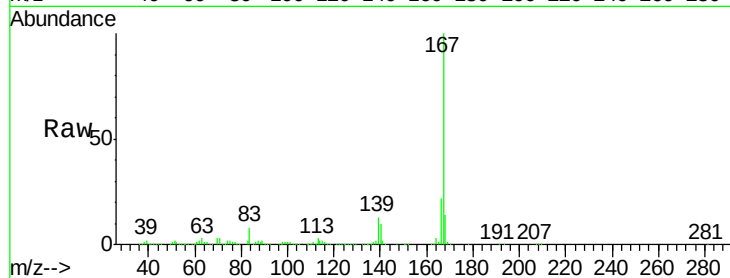
ClientSampleId :

PB119943BS

Tgt Ion:	167	Resp:	2656636
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	13.1	10.6	15.8

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#74

Di-n-butylphthalate

Concen: 40.335 ng

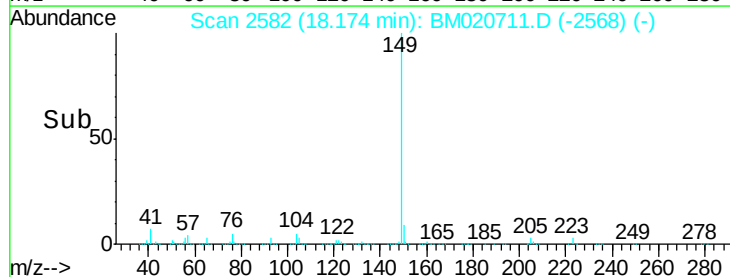
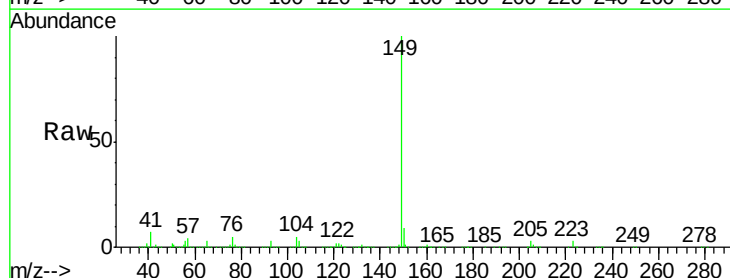
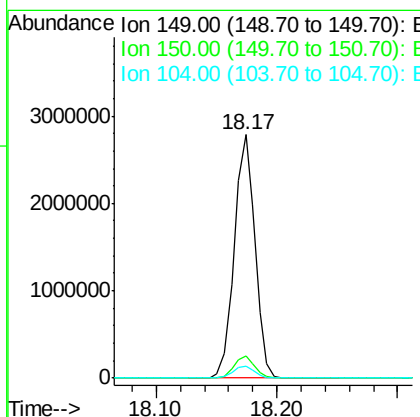
RT: 18.17 min Scan# 2582

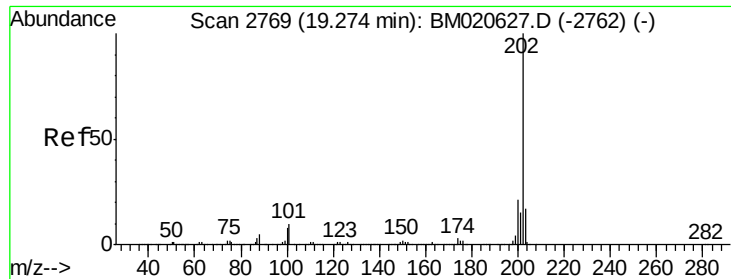
Delta R.T. -0.02 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Tgt Ion:	149	Resp:	3315378
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 40.870 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion:202 Resp: 3168588

Ion Ratio Lower Upper

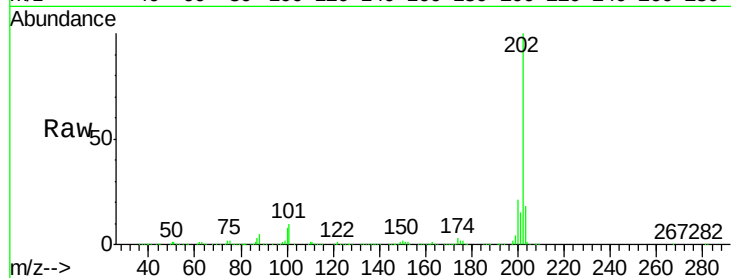
202 100

101 10.4 0.0 30.4

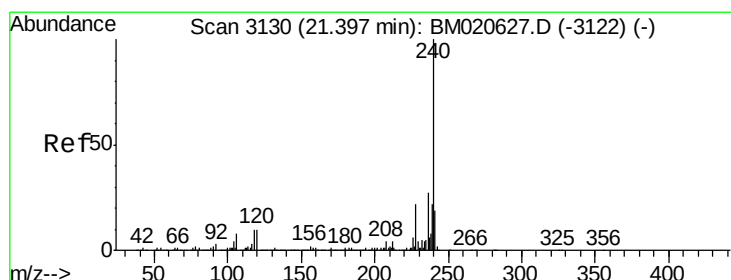
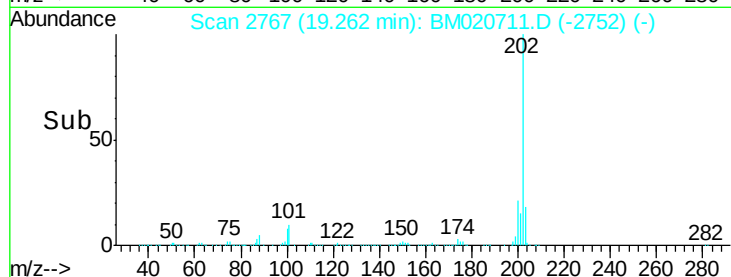
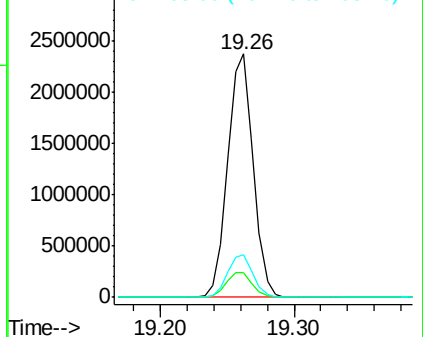
203 17.6 0.0 37.3

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

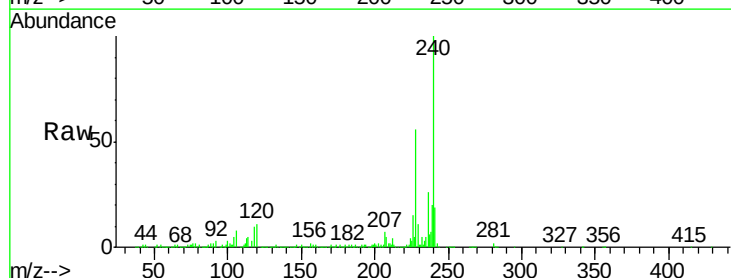
Tgt Ion:240 Resp: 1012677

Ion Ratio Lower Upper

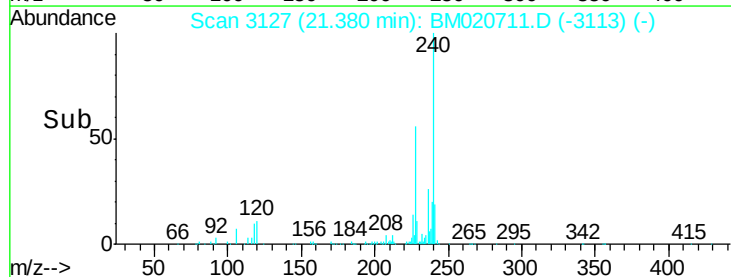
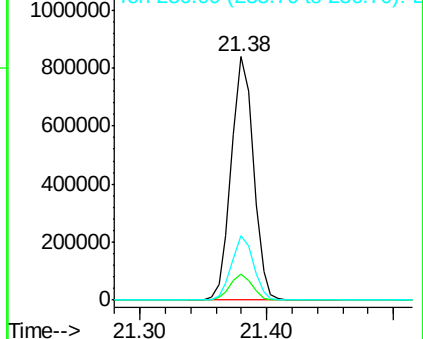
240 100

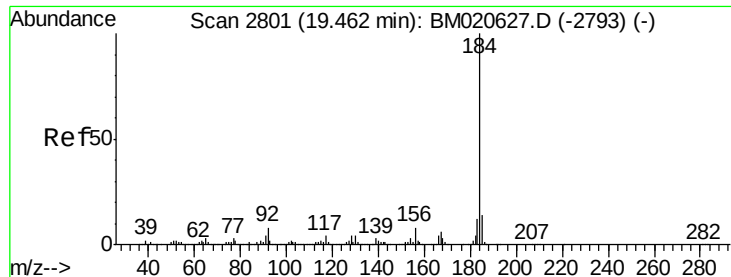
120 10.7 8.2 12.2

236 26.3 21.2 31.8



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





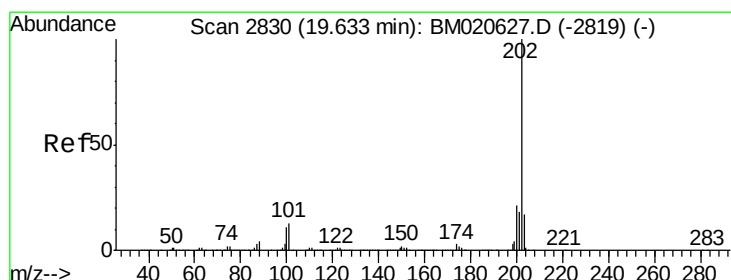
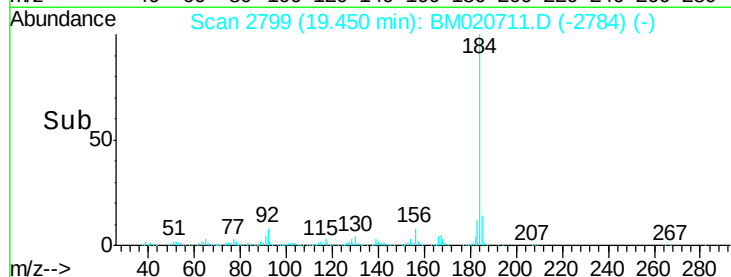
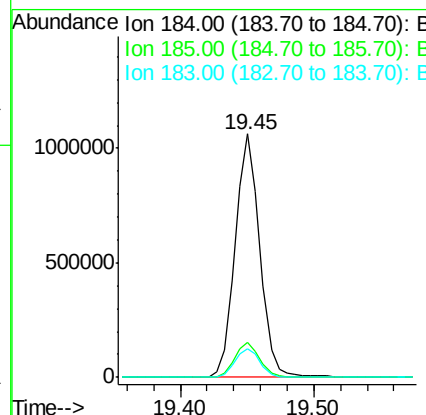
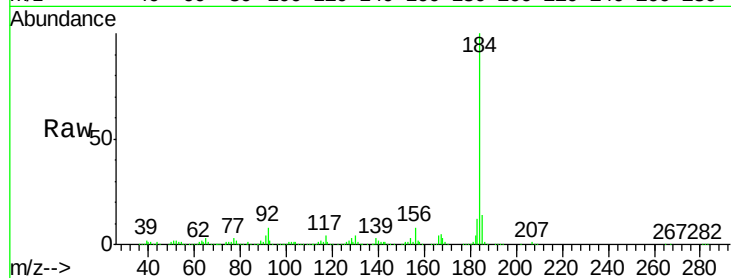
#77
Benzidine
Concen: 44.845 ng
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampled :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.7	9.8	14.6

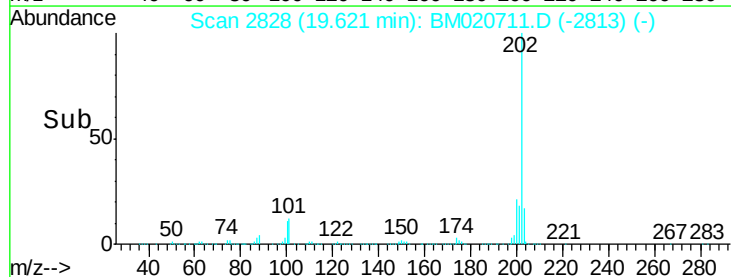
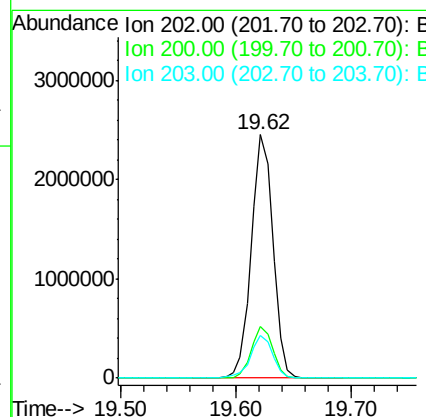
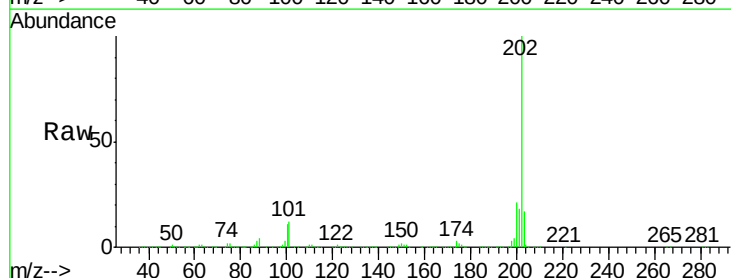
Manual Integrations
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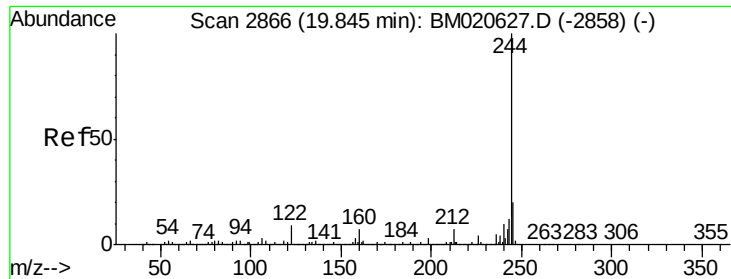
mohammad
6/5/2019 3:41:35 PM



#78
Pyrene
Concen: 41.230 ng
RT: 19.62 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.5	13.9	20.9





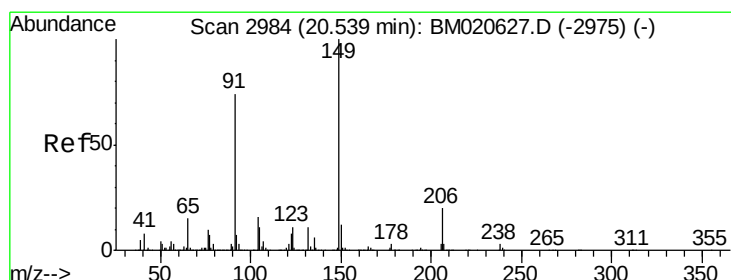
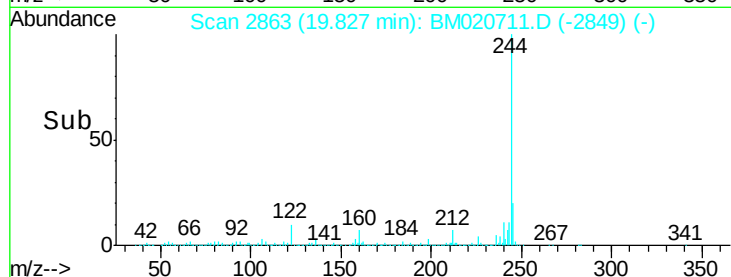
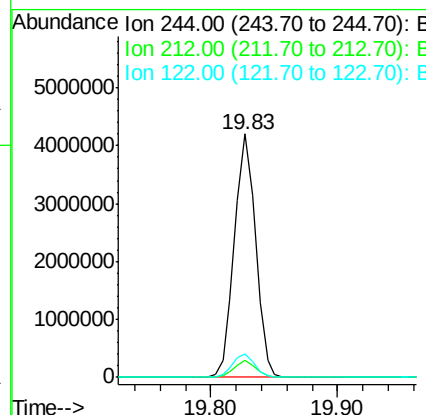
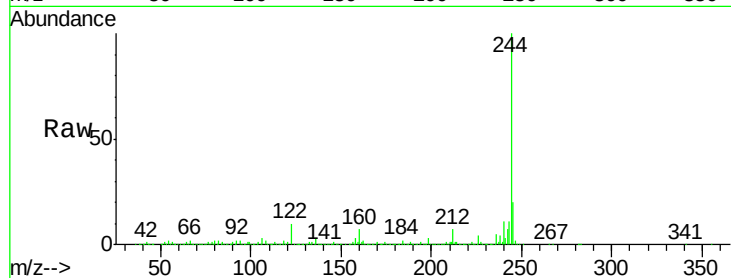
#79
 Terphenyl-d14
 Concen: 80.081 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Instrument :
 BNA_M
 ClientSampled :
 PB119943BS

Tgt Ion:244 Resp: 4848367
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.6 7.2 10.8

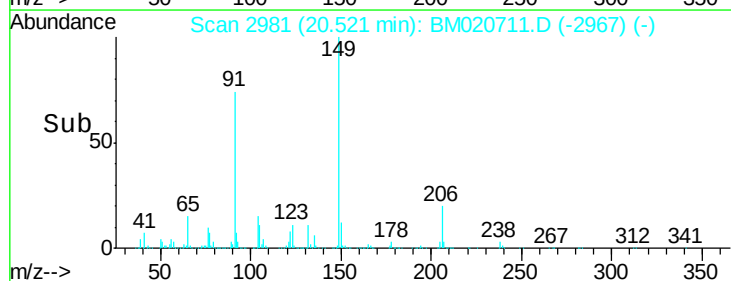
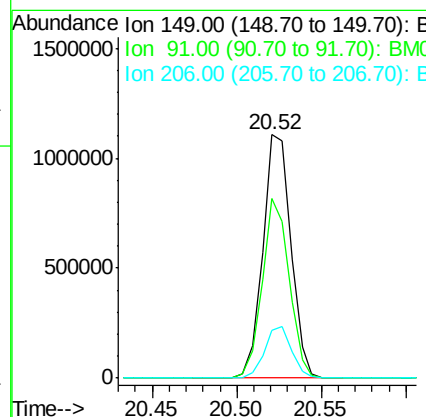
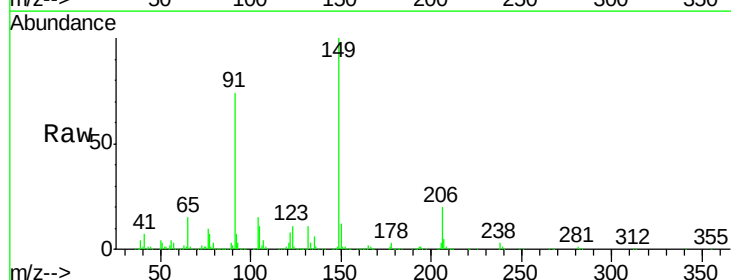
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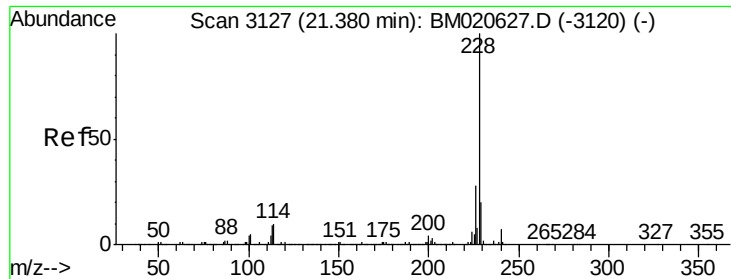
mohammad
 6/5/2019 3:41:35 PM



#80
 Butylbenzylphthalate
 Concen: 39.064 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BM020711.D
 Acq: 04 Jun 2019 20:01

Tgt Ion:149 Resp: 1282903
 Ion Ratio Lower Upper
 149 100
 91 73.7 59.6 89.4
 206 19.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.540 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

Instrument :

BNA_M

ClientSampleId :

PB119943BS

Tgt Ion:228 Resp: 2929449

Ion Ratio Lower Upper

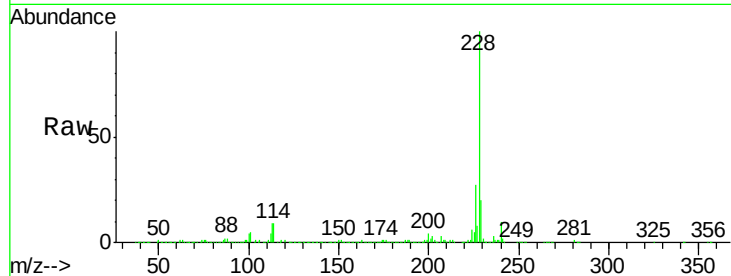
228 100

226 27.4 22.3 33.5

229 19.7 15.9 23.9

Manual Integrations
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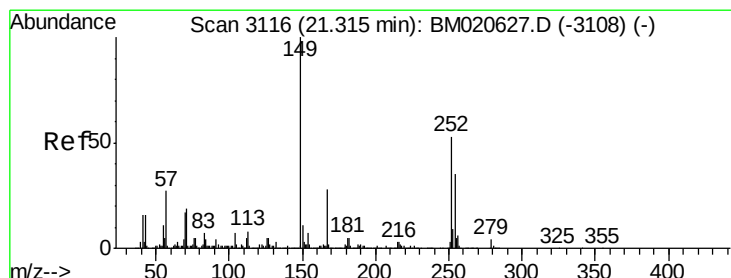
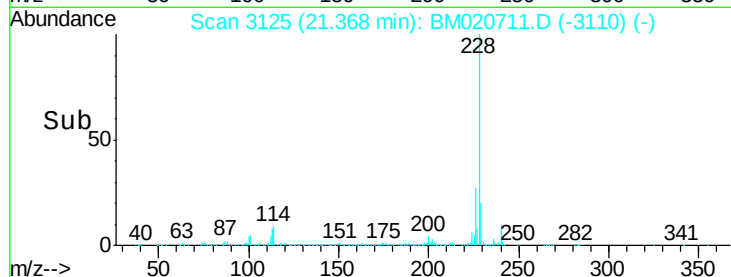
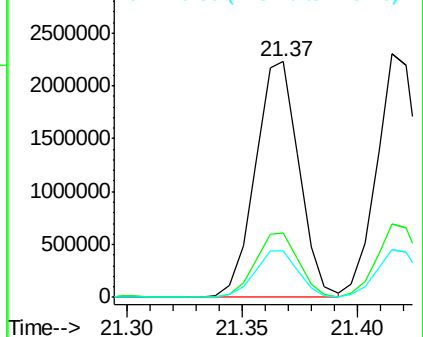


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.470 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020711.D

Acq: 04 Jun 2019 20:01

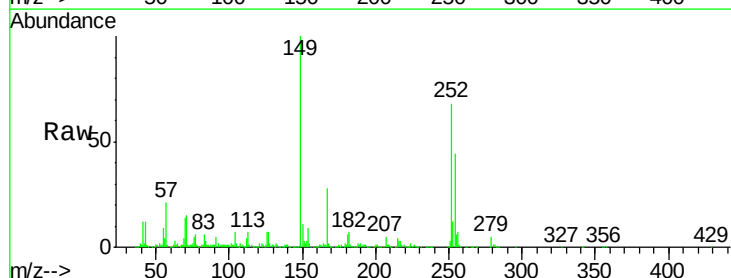
Tgt Ion:252 Resp: 864334

Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

126 10.1 8.0 12.0

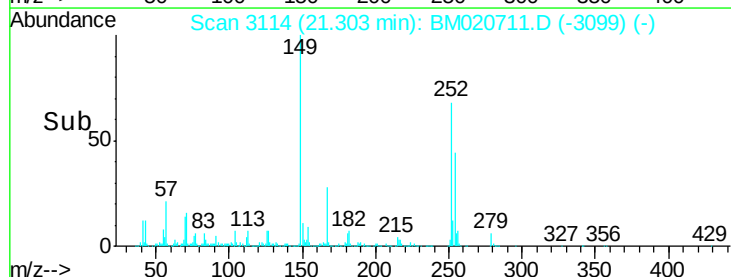
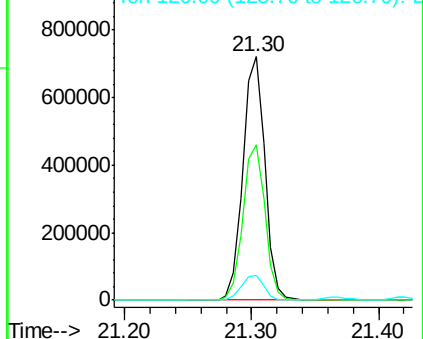


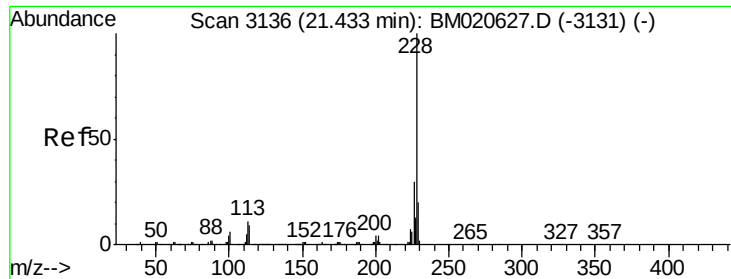
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





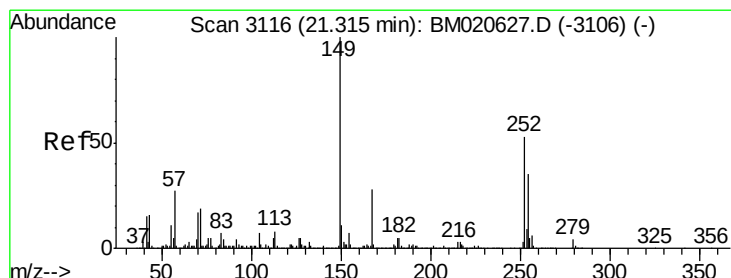
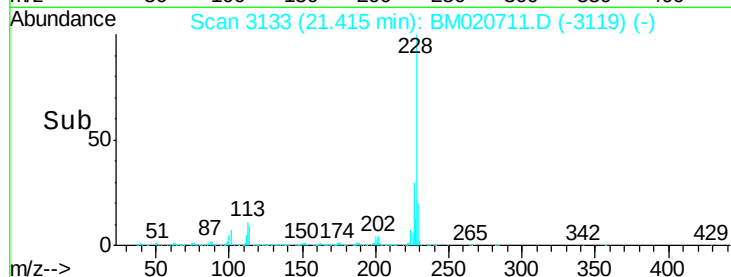
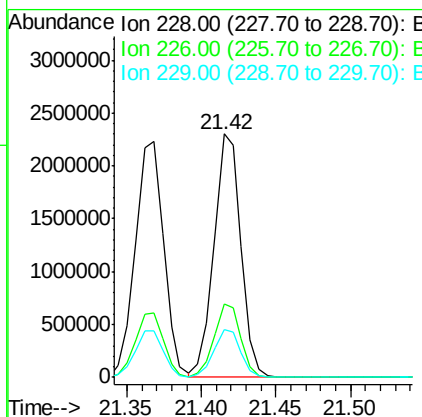
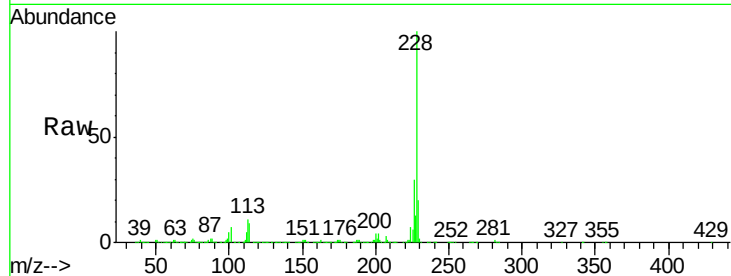
#83
Chrysene
Concen: 43.177 ng
RT: 21.42 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion: 228 Resp: 2894412
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.8 15.8 23.6

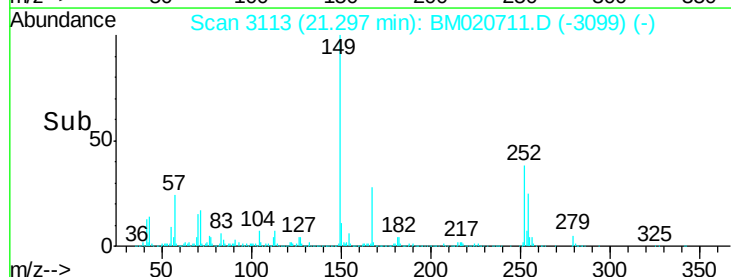
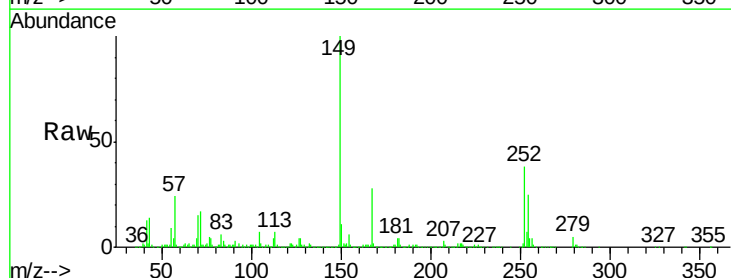
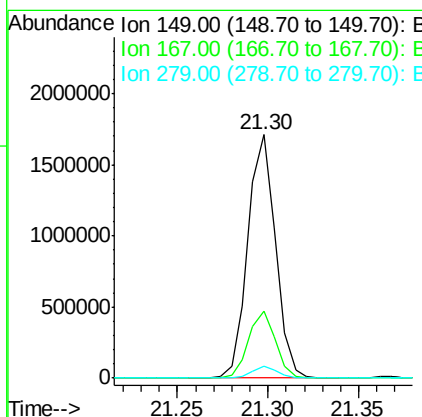
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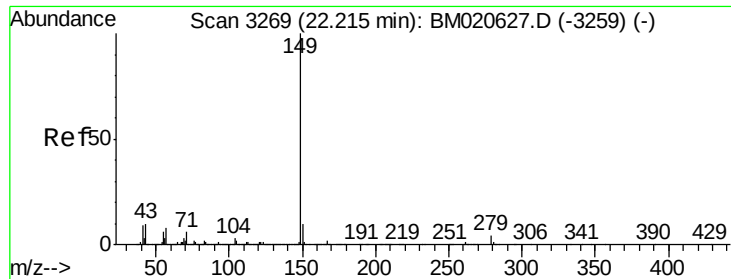
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.055 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion: 149 Resp: 1816372
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 4.8 3.4 5.0





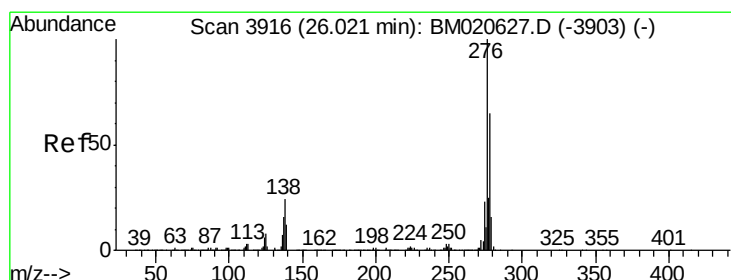
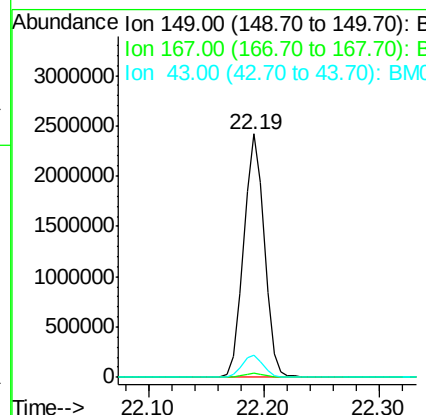
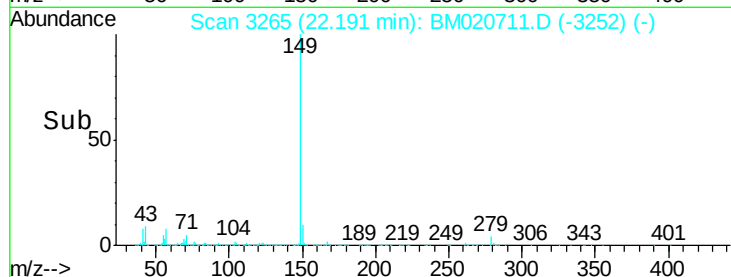
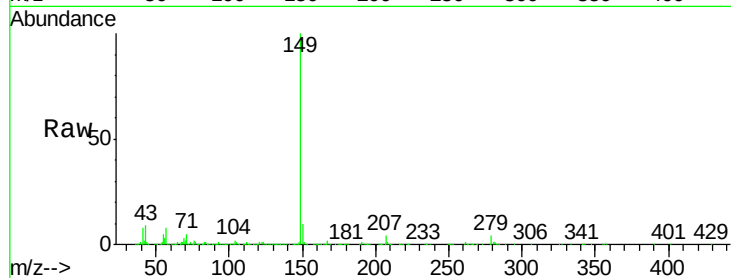
#85
Di-n-octyl phthalate
Concen: 39.322 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.2	8.2	12.4

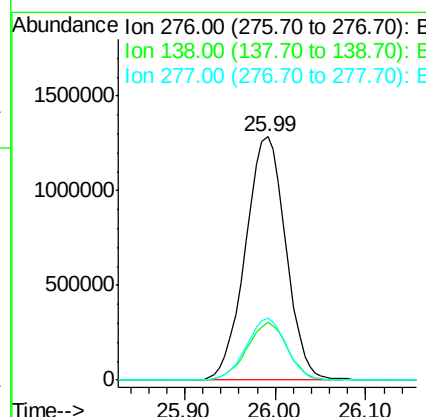
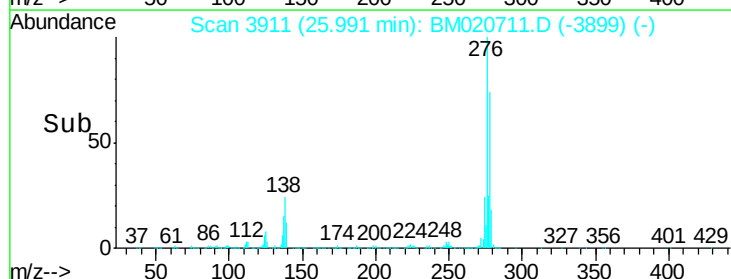
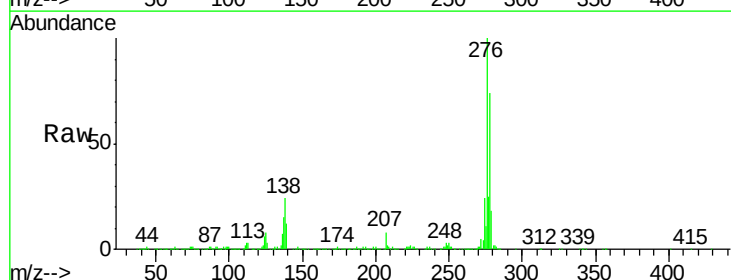
Manual Integrations
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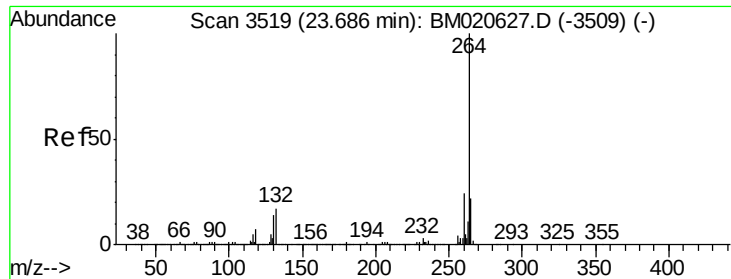
mohammad
6/5/2019 3:41:35 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 57.873 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.03 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.8
277	25.2	20.2	30.4





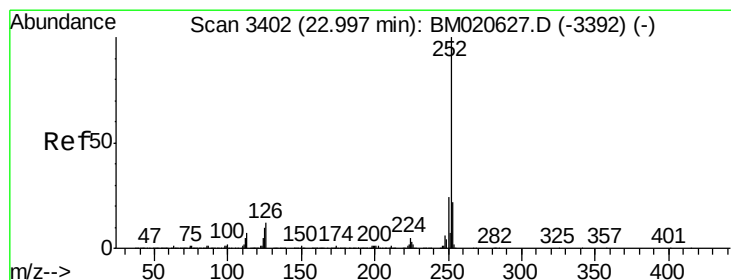
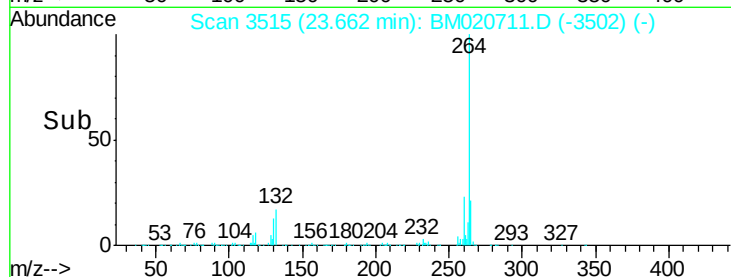
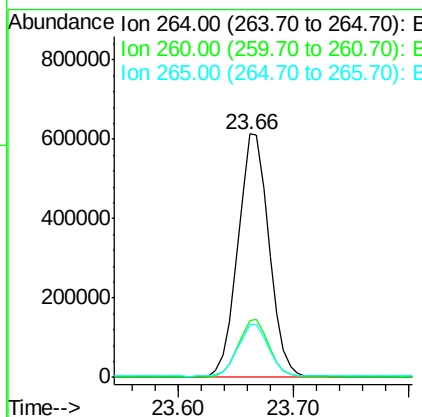
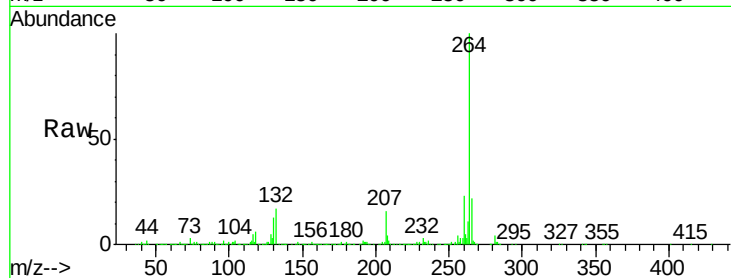
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.6	26.4

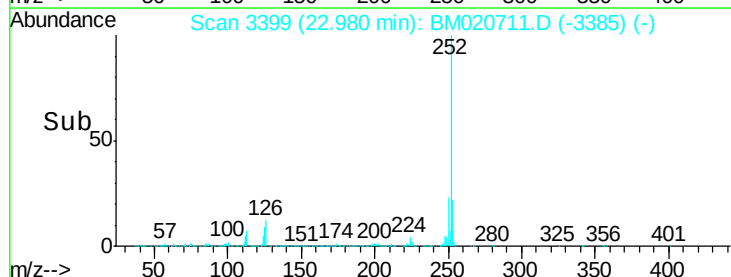
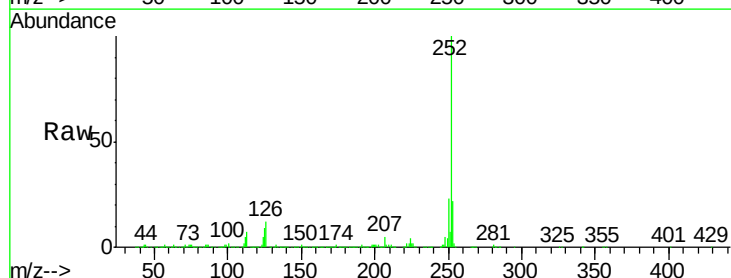
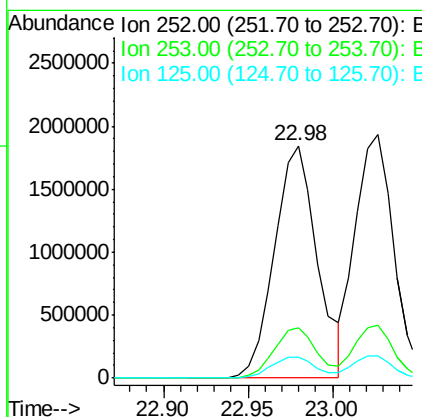
Manual Integrations
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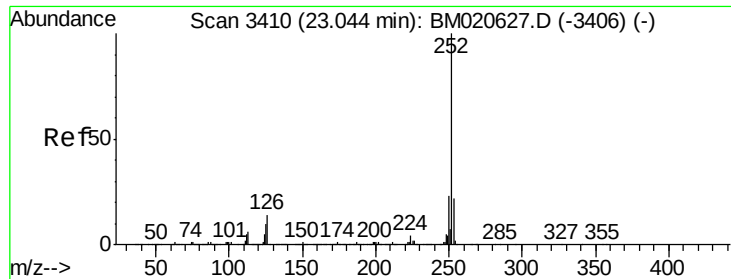
mohammad
6/5/2019 3:41:35 PM



#88
Benzo(b)fluoranthene
Concen: 42.614 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.2	7.8	11.8





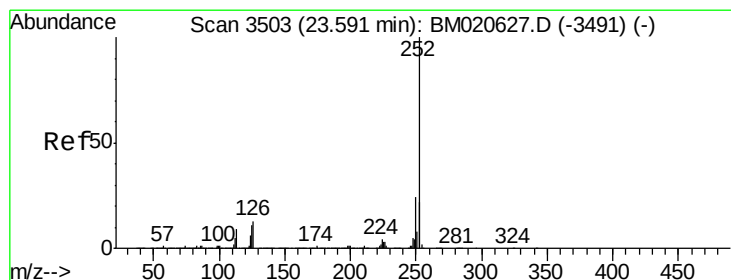
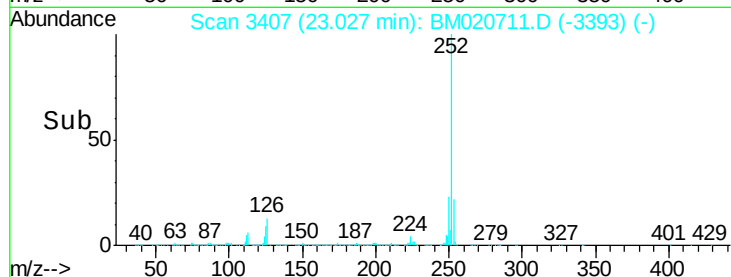
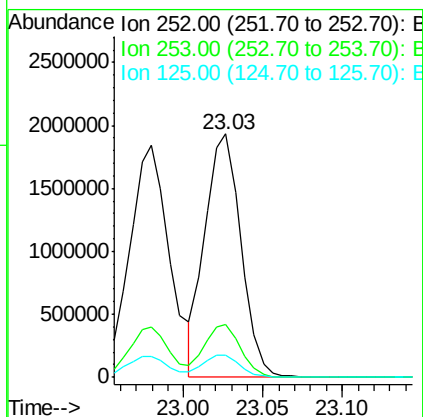
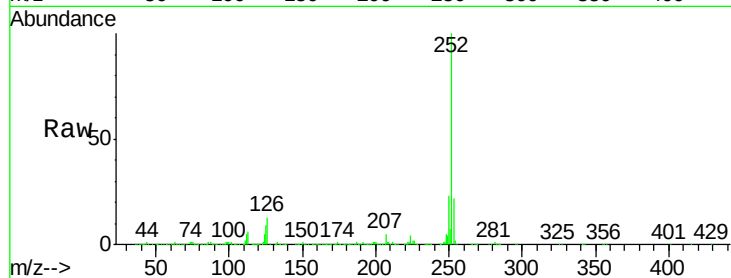
#89
Benzo(k)fluoranthene
Concen: 40.843 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion:252 Resp: 3043398
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.0 7.8 11.8

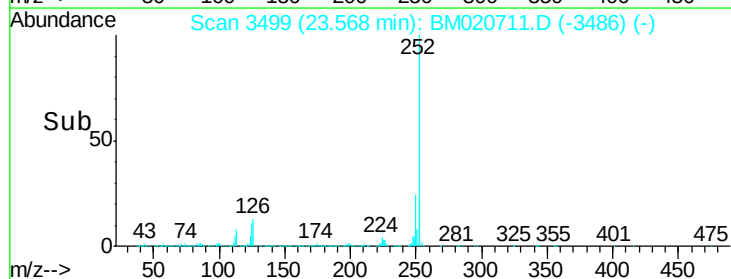
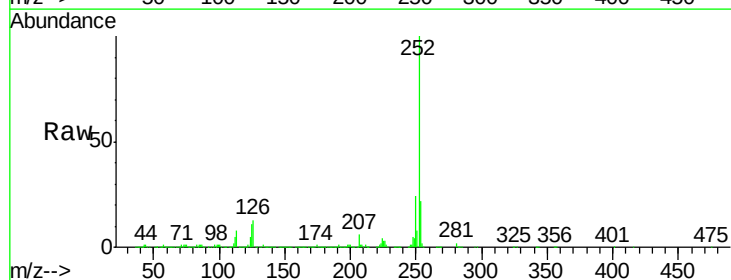
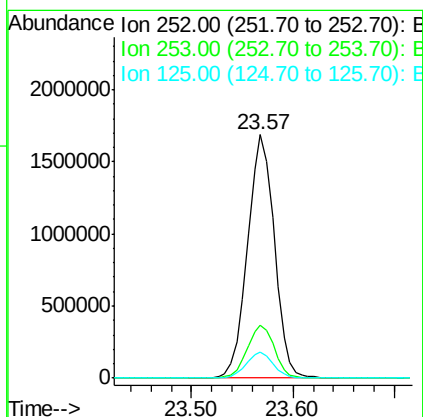
Manual Integrations
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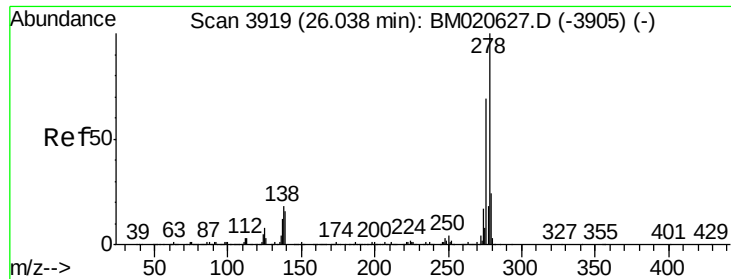
mohammad
6/5/2019 3:41:35 PM



#90
Benzo(a)pyrene
Concen: 45.035 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion:252 Resp: 3114673
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.7 8.6 13.0





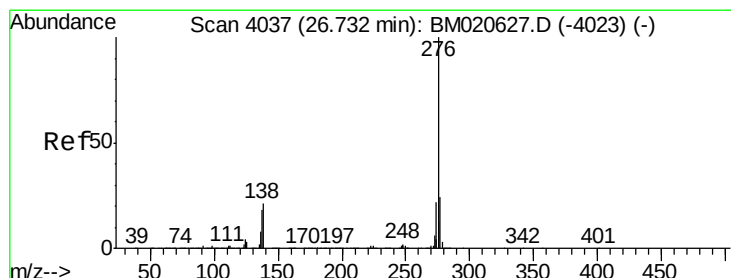
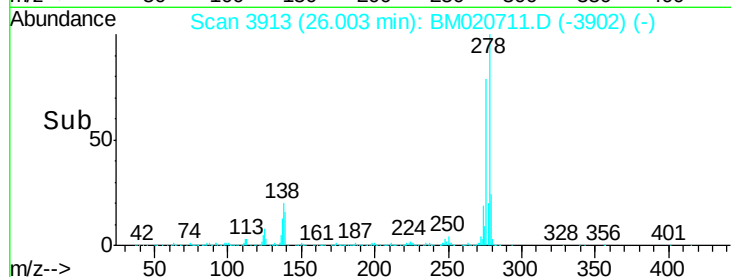
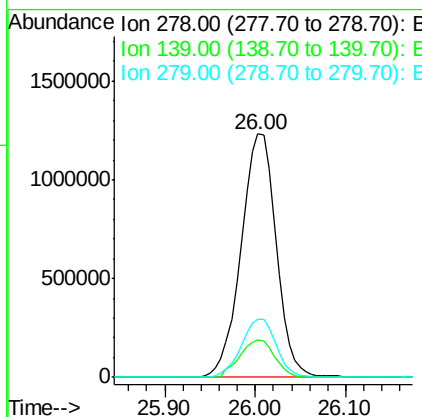
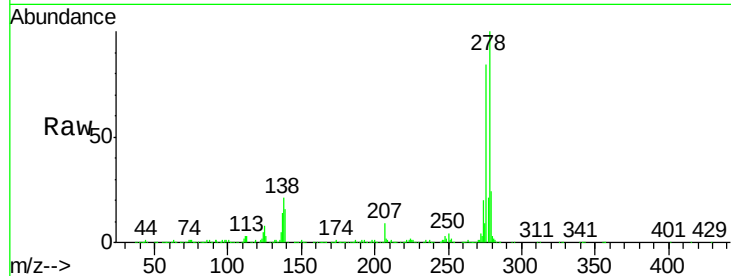
#91
Dibenzo(a,h)anthracene
Concen: 49.491 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PB119943BS

Tgt Ion:278 Resp: 3320806
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 23.8 19.0 28.6

Manual Integrations
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mohammad
6/5/2019 3:41:35 PM



#92
Benzo(g,h,i)perylene
Concen: 52.199 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020711.D
Acq: 04 Jun 2019 20:01

Tgt Ion:276 Resp: 3253289
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 20.7 17.0 25.4

