

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020727.D
 Acq On : 05 Jun 2019 09:25
 Operator : HP/JU
 Sample : PB120300BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:25 AM

Quant Time: Jun 05 18:38:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	328241	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1344477	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	742417	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1443676	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1107096	20.00	ng	0.00
87) Perylene-d12	23.67	264	1201277	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2665637	142.85	ng	0.00
7) Phenol-d6	6.99	99	3550490	129.22	ng	0.00
23) Nitrobenzene-d5	8.99	82	2133274	82.21	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1290188	140.26	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4922084	88.14	ng	0.00
79) Terphenyl-d14	19.83	244	5566137	84.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	307102	40.198	ng	100
3) Pyridine	3.74	79	884635	36.394	ng	99
4) n-Nitrosodimethylamine	3.66	42	393582	37.562	ng	97
6) Aniline	7.16	93	1204710	30.303	ng	100
8) 2-Chlorophenol	7.39	128	1052118	45.323	ng	99
9) Benzaldehyde	6.97	77	325820m	16.757	ng	
10) Phenol	7.02	94	1301309	43.949	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	935707	39.653	ng	99
12) 1,3-Dichlorobenzene	7.71	146	1072180	40.188	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1088856	40.146	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1041715	39.467	ng	99
15) Benzyl Alcohol	8.06	79	944080	38.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1283876	35.240	ng	99
17) 2-Methylphenol	8.26	107	870351	41.801	ng	99
18) Hexachloroethane	8.89	117	396607	38.193	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	792384	35.876	ng	98
20) 3+4-Methylphenols	8.59	107	1156701	40.832	ng	98
22) Acetophenone	8.65	105	1462598	42.823	ng	# 100
24) Nitrobenzene	9.03	77	1140211	43.042	ng	99
25) Isophorone	9.55	82	2084143	40.377	ng	100
26) 2-Nitrophenol	9.73	139	501538	50.799	ng	98
27) 2,4-Dimethylphenol	9.79	122	949608	51.329	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1280831	41.039	ng	99
29) 2,4-Dichlorophenol	10.26	162	977992	47.781	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1039321	44.160	ng	99
31) Naphthalene	10.66	128	3014290	43.598	ng	100
32) Benzoic acid	9.93	122	497041	43.253	ng	98
33) 4-Chloroaniline	10.77	127	481334	14.959	ng	100
34) Hexachlorobutadiene	10.94	225	603193	42.714	ng	98
35) Caprolactam	11.57	113	274509m	38.605	ng	
36) 4-Chloro-3-methylphenol	11.90	107	1009369	42.415	ng	100
37) 2-Methylnaphthalene	12.27	142	2227591	43.468	ng	99
38) 1-Methylnaphthalene	12.50	142	2113734	43.318	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1163947	47.841	ng	99

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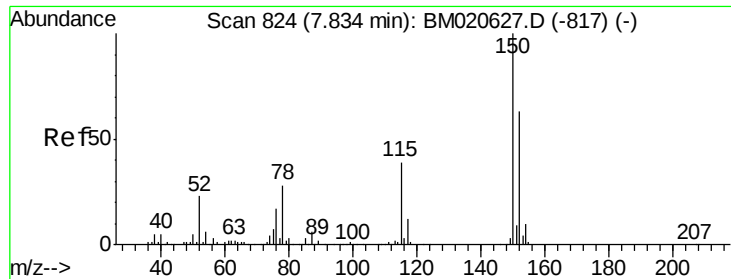
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1484735	102.037	nq	98
43) 2,4,6-Trichlorophenol	12.89	196	747085	47.705	nq	99
44) 2,4,5-Trichlorophenol	12.95	196	799982	49.480	nq	99
46) 1,1'-Biphenyl	13.29	154	2820436	45.488	nq	100
47) 2-Chloronaphthalene	13.33	162	2181947	43.601	nq	99
48) 2-Nitroaniline	13.54	65	612801	39.015	nq	99
49) Acenaphthylene	14.18	152	3437453	44.023	nq	100
50) Dimethylphthalate	13.92	163	2640620	41.631	nq	99
51) 2,6-Dinitrotoluene	14.04	165	567170	44.038	nq	97
52) Acenaphthene	14.53	154	1995797	42.891	nq	100
53) 3-Nitroaniline	14.37	138	333268	23.183	nq	96
54) 2,4-Dinitrophenol	14.57	184	437564	79.066	nq	98
55) Dibenzofuran	14.86	168	3131557	43.331	nq	98
56) 4-Nitrophenol	14.67	139	856152	80.820	nq	100
57) 2,4-Dinitrotoluene	14.83	165	737728	42.780	nq	98
58) Fluorene	15.51	166	2492459	41.938	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	668336	47.439	nq	99
60) Diethylphthalate	15.29	149	2591568	39.616	nq	100
61) 4-Chlorophenyl-phenylether	15.50	204	1329934	42.263	nq	99
62) 4-Nitroaniline	15.54	138	517227	33.926	nq	99
63) Azobenzene	15.80	77	2402759	38.312	nq	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	281302	43.774	nq	97
66) n-Nitrosodiphenylamine	15.72	169	2135909	46.216	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	779715	45.872	nq	100
68) Hexachlorobenzene	16.50	284	884456	44.560	nq	99
69) Atrazine	16.67	200	685523	49.700	nq	99
70) Pentachlorophenol	16.85	266	983915	103.909	nq	99
71) Phenanthrene	17.24	178	3525786	43.085	nq	100
72) Anthracene	17.34	178	3594810	43.891	nq	99
73) Carbazole	17.61	167	3044599	40.963	nq	100
74) Di-n-butylphthalate	18.17	149	3895096	40.371	nq	100
75) Fluoranthene	19.26	202	3621047	39.790	nq	100
77) Benzidine	19.45	184	1478220	44.065	nq	100
78) Pyrene	19.62	202	3635643	42.794	nq	100
80) Butylbenzylphthalate	20.52	149	1441846	40.160	nq	100
81) Benzo(a)anthracene	21.36	228	3159117	40.976	nq	100
82) 3,3'-Dichlorobenzidine	21.30	252	867167	30.716	nq	98
83) Chrysene	21.42	228	3125539	42.649	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1997201	38.275	nq	99
85) Di-n-octyl phthalate	22.19	149	3196351	38.583	nq	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4112909	54.858	nq	99
88) Benzo(b)fluoranthene	22.98	252	3402668	42.856	nq	99
89) Benzo(k)fluoranthene	23.03	252	3144790	40.530	nq	100
90) Benzo(a)pyrene	23.57	252	3225076	44.782	nq	99
91) Dibenzo(a,h)anthracene	26.00	278	3456750	49.475	nq	99
92) Benzo(g,h,i)perylene	26.70	276	3345179	51.545	nq	100

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



#1

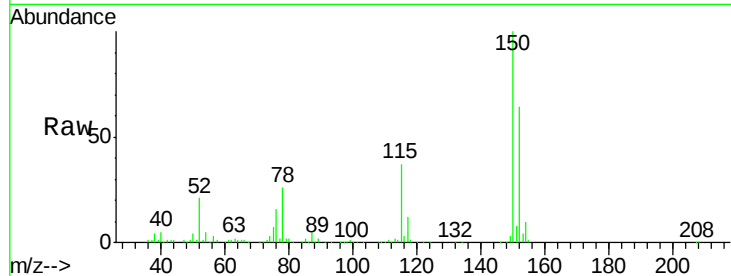
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

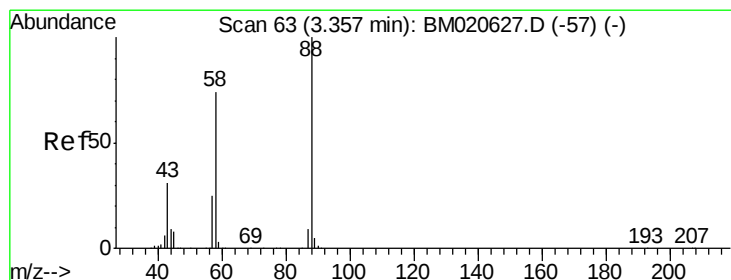
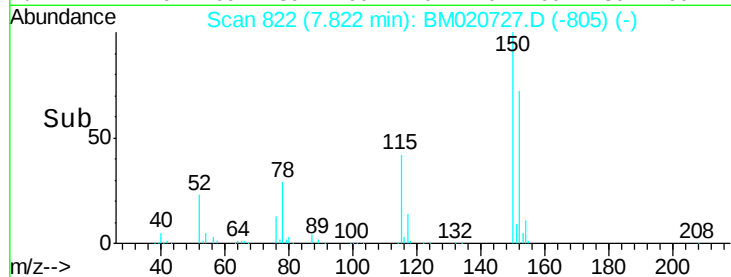
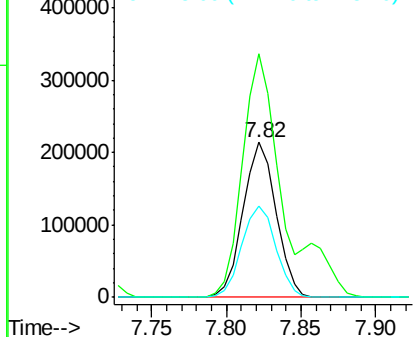
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.0	186.0
115	58.5	47.0	70.6

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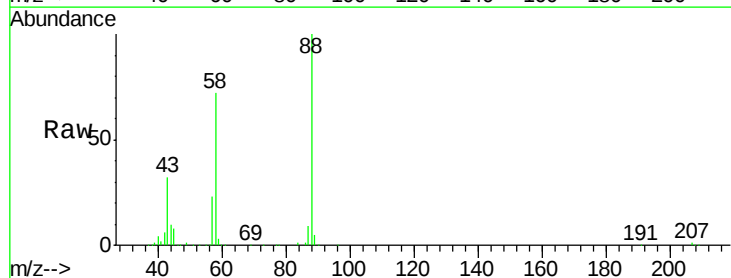
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



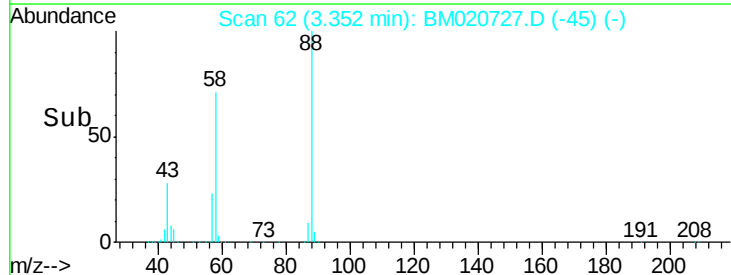
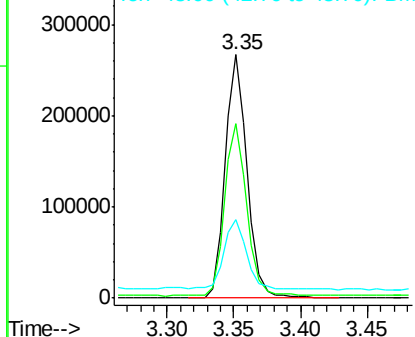
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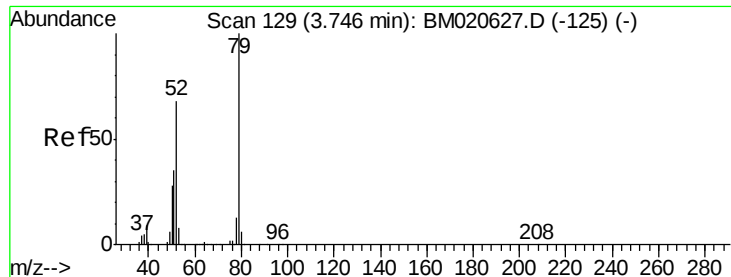
1,4-Dioxane
Concen: 40.198 ng
RT: 3.35 min Scan# 62
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	57.2	85.8
43	30.7	24.2	36.4



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

Pvridine

Concen: 36.394 ng

RT: 3.74 min Scan# 128

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

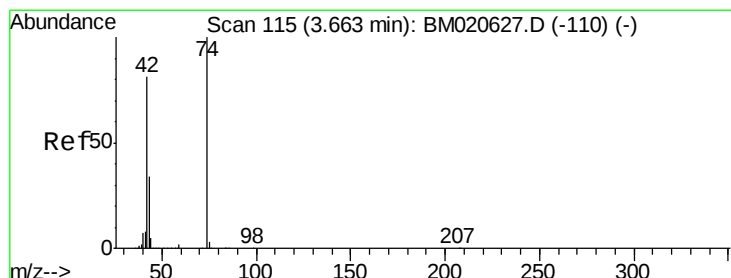
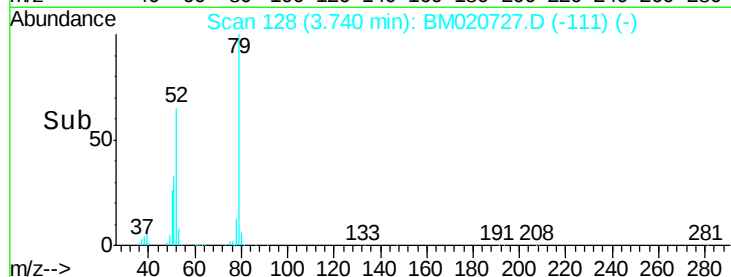
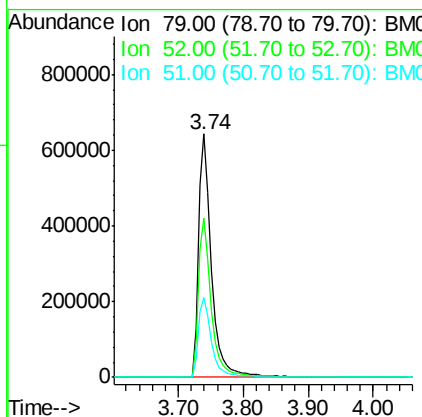
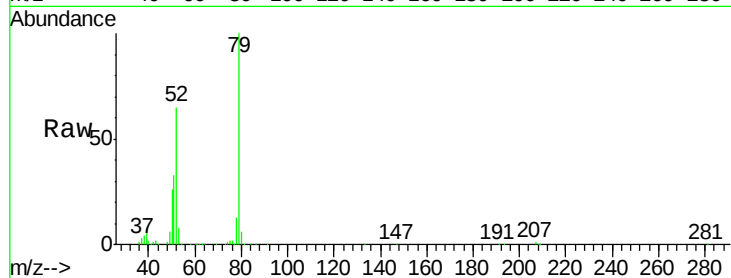
ClientSampleId :

PB120300BS

Tot Ion:	79	Resp:	884635
Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.0	78.0
51	32.7	26.5	39.7

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#4

n-Nitrosodimethylamine

Concen: 37.562 ng

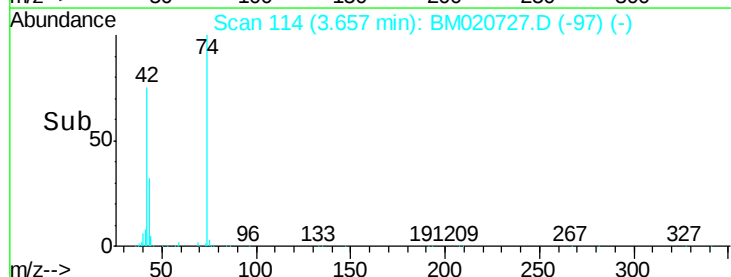
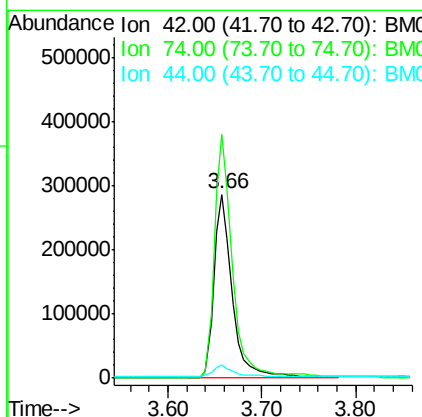
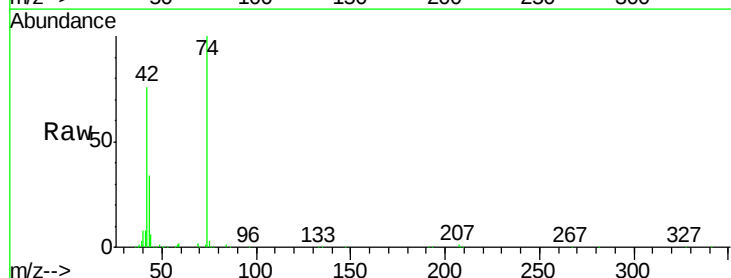
RT: 3.66 min Scan# 114

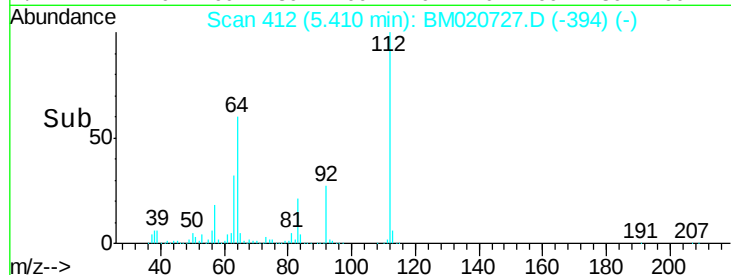
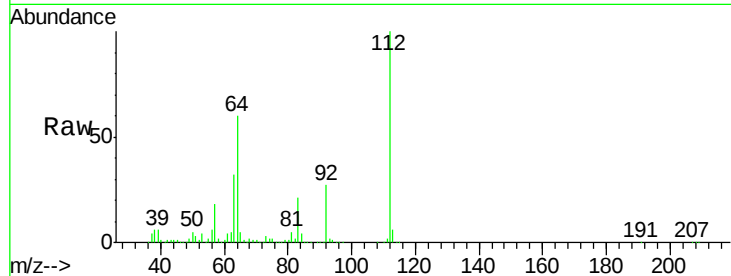
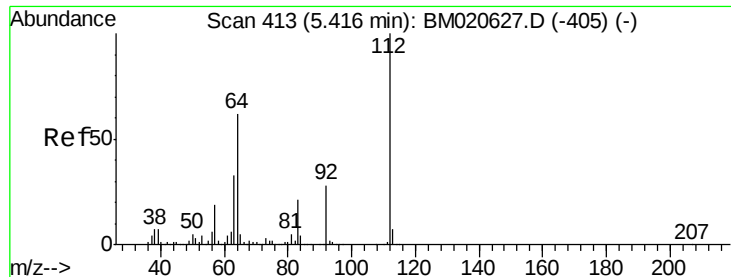
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:	42	Resp:	393582
Ion	Ratio	Lower	Upper
42	100		
74	132.4	103.3	154.9
44	7.4	5.9	8.9





#5

2-Fluorophenol

Concen: 142.853 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tot Ion:	112	Resp:	2665637
Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.8	71.8
63	31.5	25.4	38.0

Instrument :

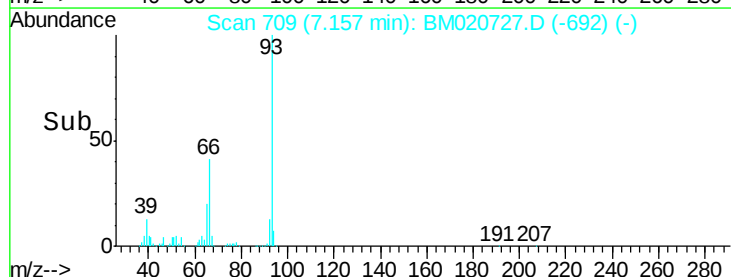
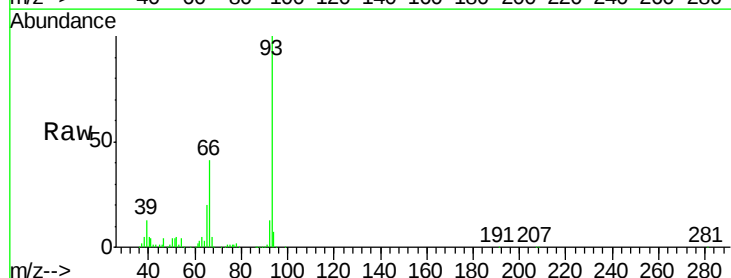
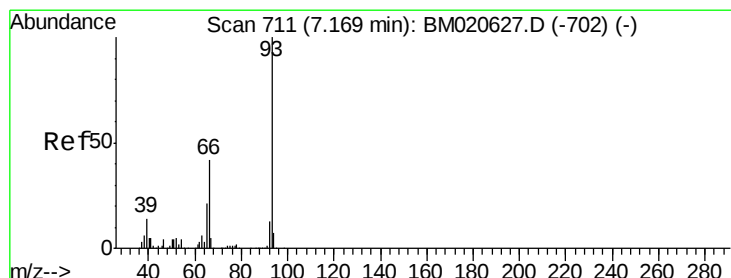
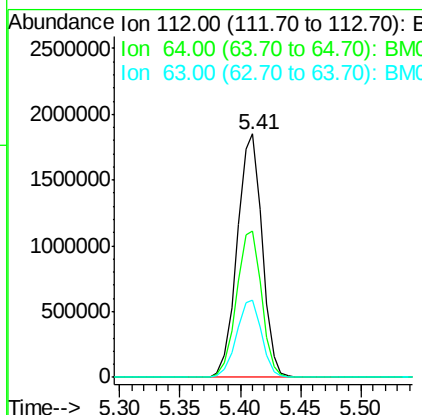
BNA_M

ClientSampleId :

PB120300BS

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#6

Aniline

Concen: 30.303 ng

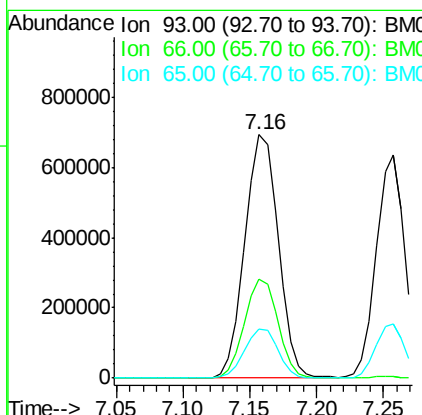
RT: 7.16 min Scan# 709

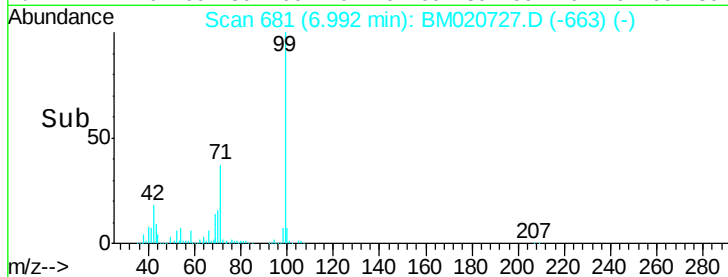
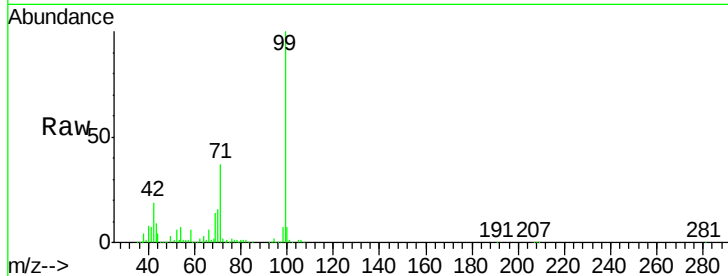
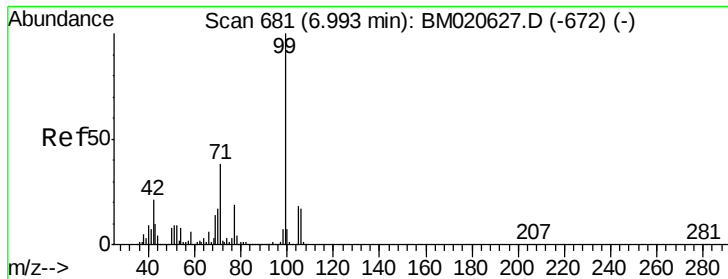
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:	93	Resp:	1204710
Ion	Ratio	Lower	Upper
93	100		
66	40.9	33.0	49.4
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 129.221 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tot Ion:	99	Resp:	3550490
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.8	22.2
71	36.8	29.5	44.3

Instrument :

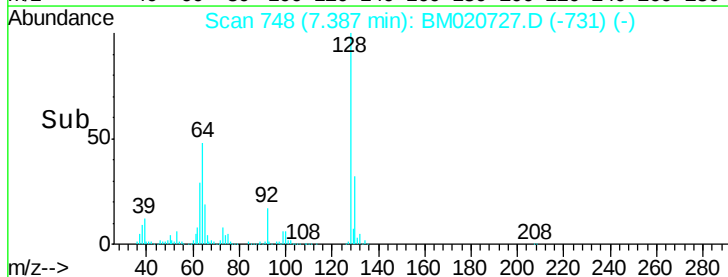
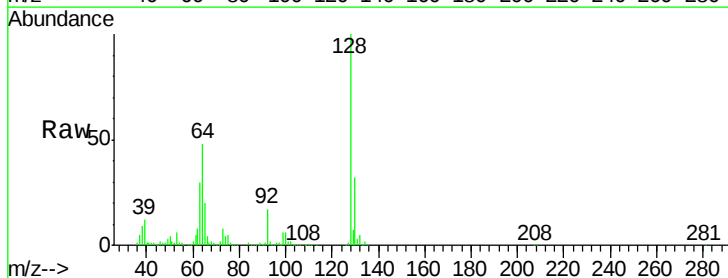
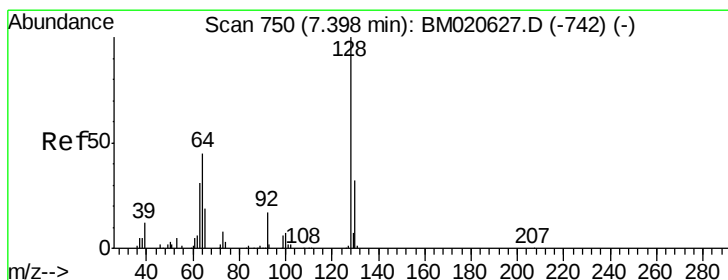
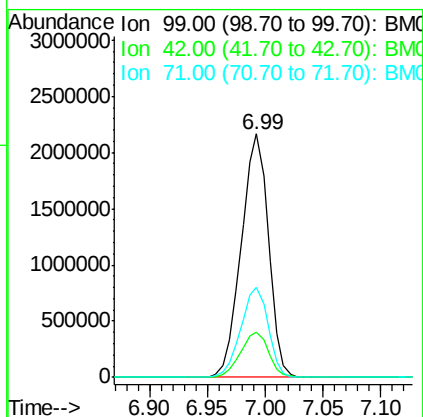
BNA_M

ClientSampled :

PB120300BS

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#8

2-Chlorophenol

Concen: 45.323 ng

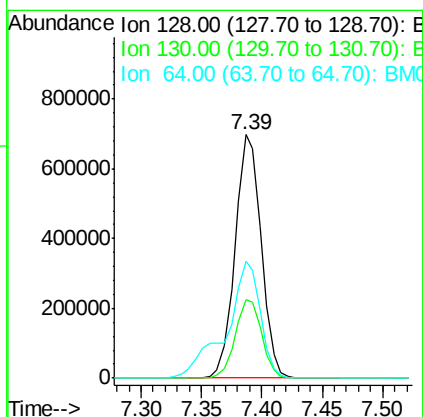
RT: 7.39 min Scan# 748

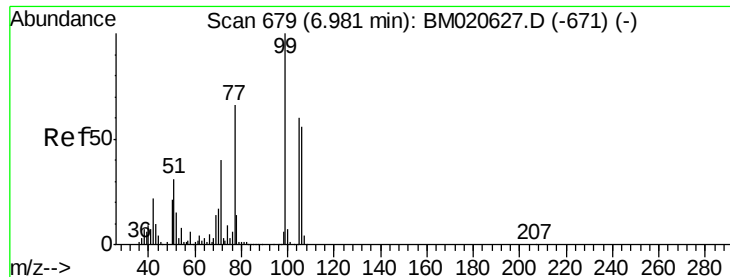
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:	128	Resp:	1052118
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	48.0	27.5	67.5





#9

Benzaldehyde

Concen: 16.757 ng/mL

RT: 6.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleID :

PB120300BS

Tot Ion: 77 Resp: 325820

Ion Ratio Lower Upper

77 100

105 92.7 73.6 113.6

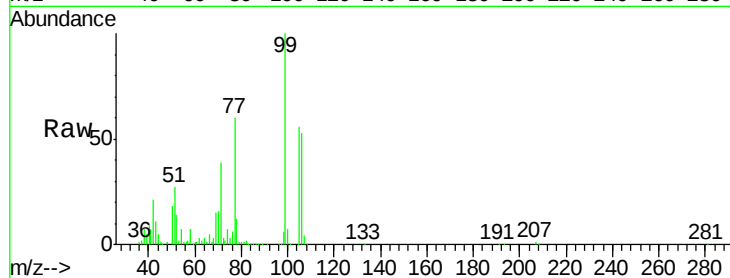
106 87.4 68.3 108.3

Manual Integrations

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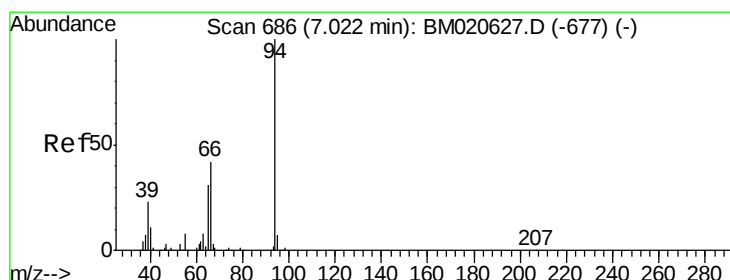
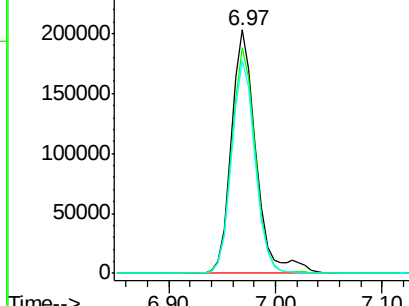
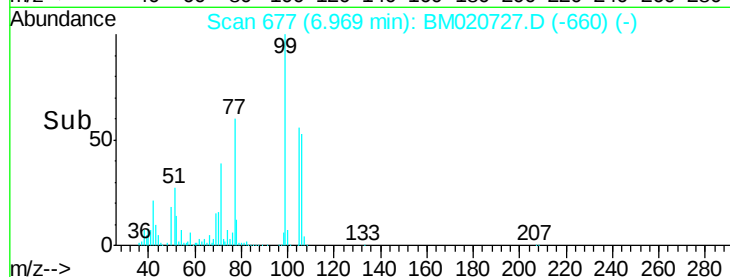


Abundance Ion 77.00 (76.70 to 77.70): BM020727.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM020727.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM020727.D (-660) (-)

Time-->



#10

Phenol

Concen: 43.949 ng/mL

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

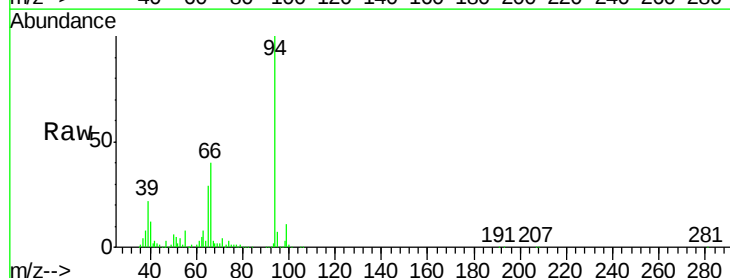
Tgt Ion: 94 Resp: 1301309

Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

66 39.6 20.7 60.7

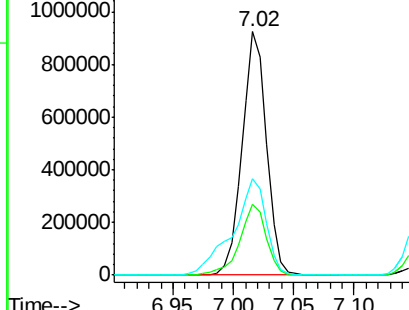
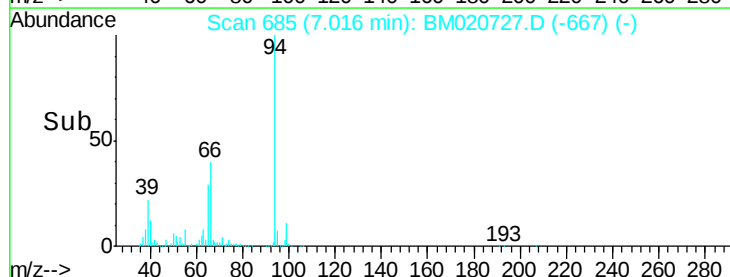


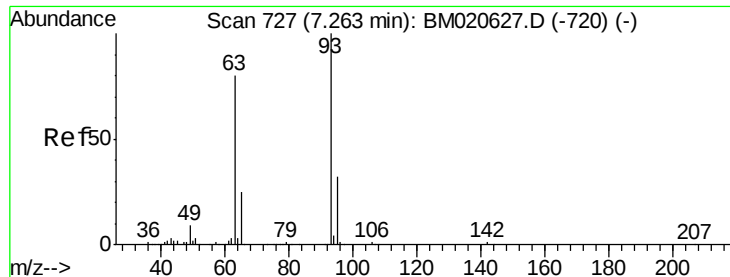
Abundance Ion 94.00 (93.70 to 94.70): BM020727.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM020727.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM020727.D (-667) (-)

Time-->





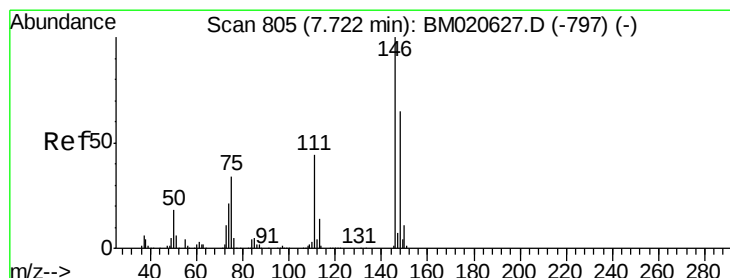
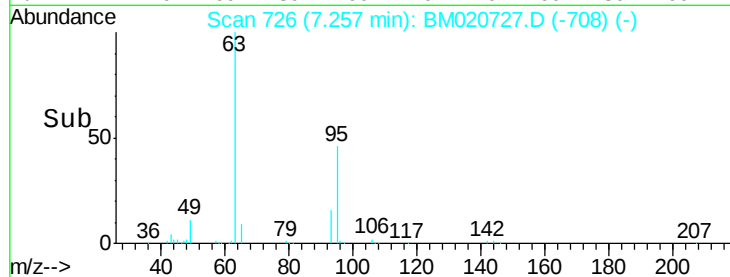
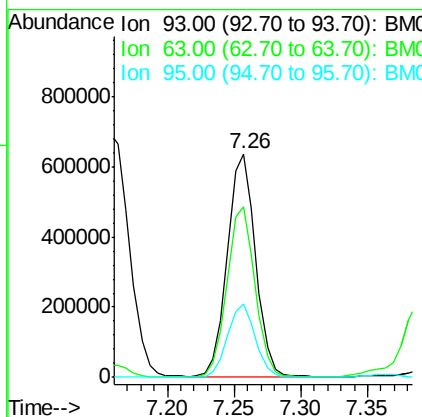
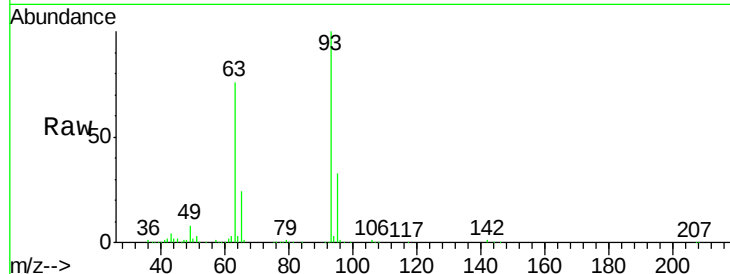
#11
bis(2-Chloroethyl)ether
Concen: 39.653 ng
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.2	56.0	96.0	
95	33.0	12.2	52.2	

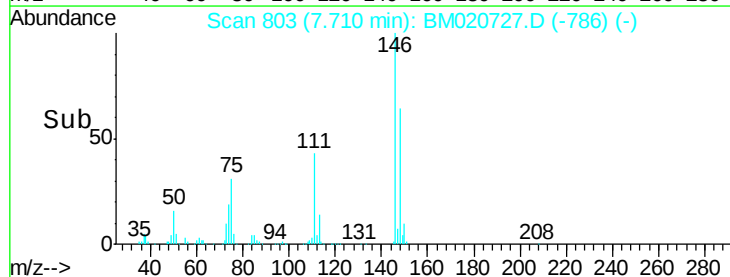
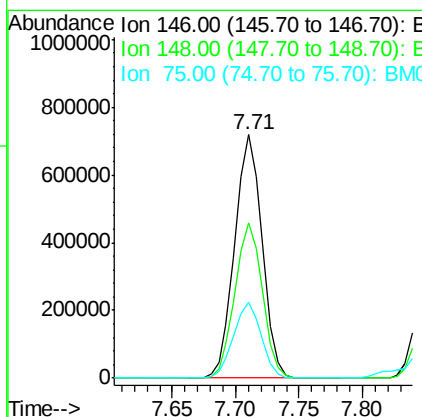
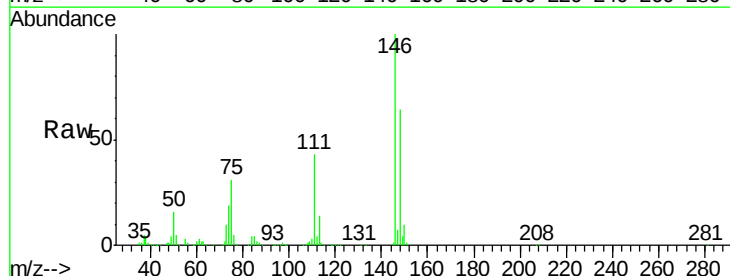
Manual Integrations
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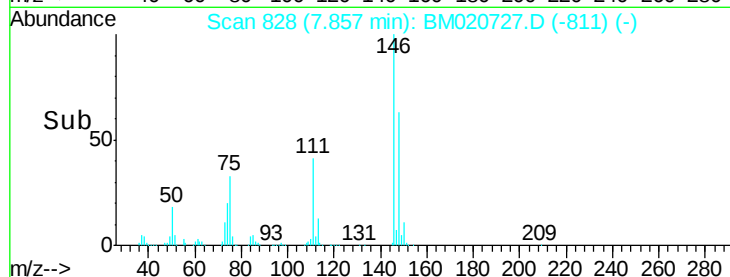
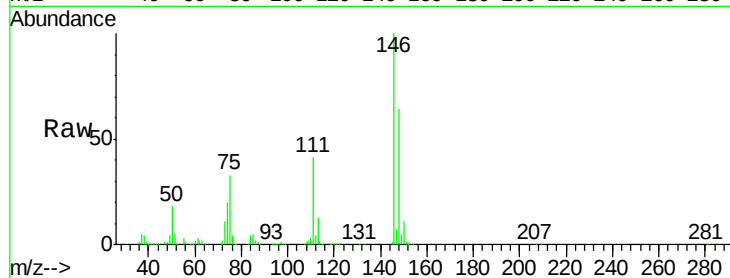
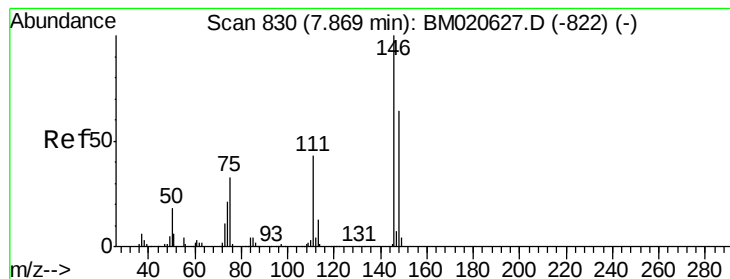
mohammad
6/6/2019 11:21:25 AM



#12
1,3-Dichlorobenzene
Concen: 40.188 ng
RT: 7.71 min Scan# 803
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.7	51.3	76.9	
75	31.0	25.3	37.9	





#13

1,4-Dichlorobenzene

Concen: 40.146 ng

RT: 7.86 min Scan# 828

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tot Ion:	146	Resp:	1088856
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.5	78.7
111	41.4	33.8	50.8

Instrument :

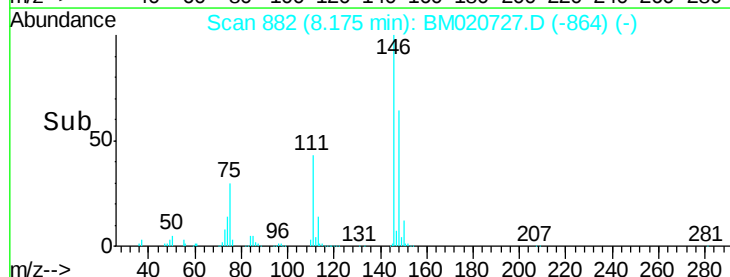
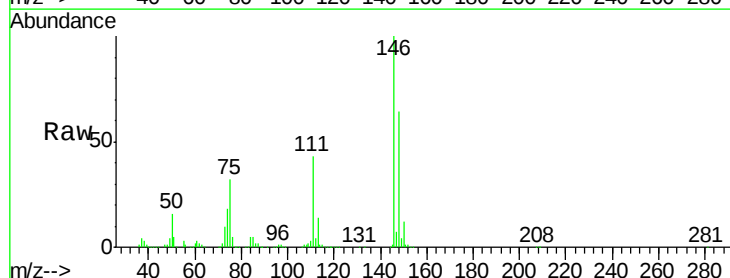
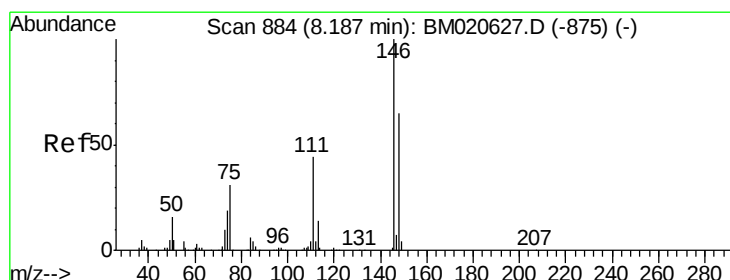
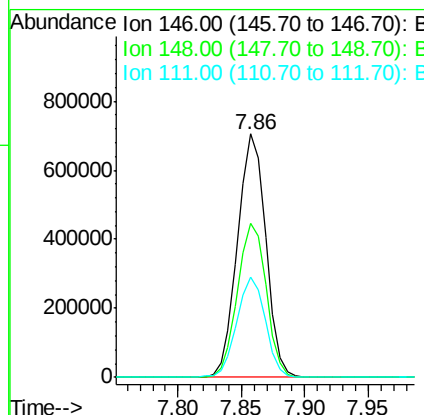
BNA_M

ClientSampleId :

PB120300BS

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#14

1,2-Dichlorobenzene

Concen: 39.467 ng

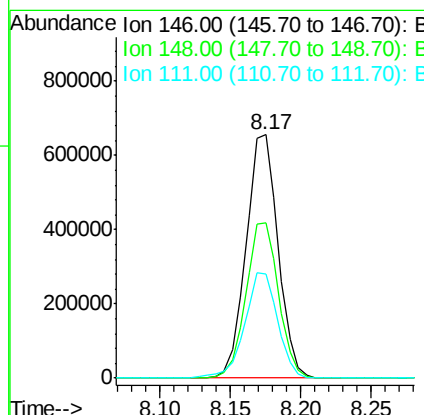
RT: 8.17 min Scan# 882

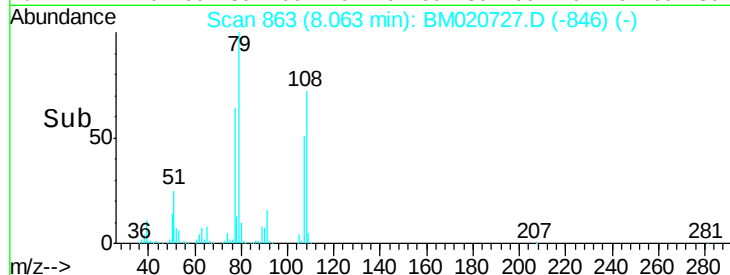
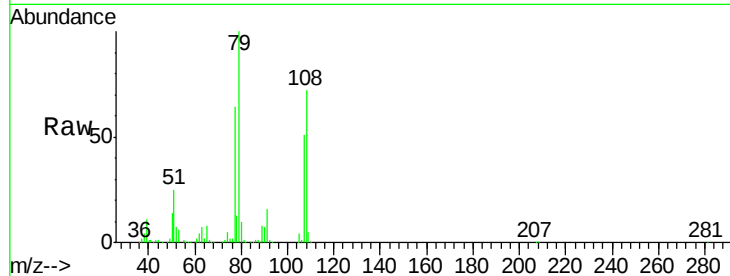
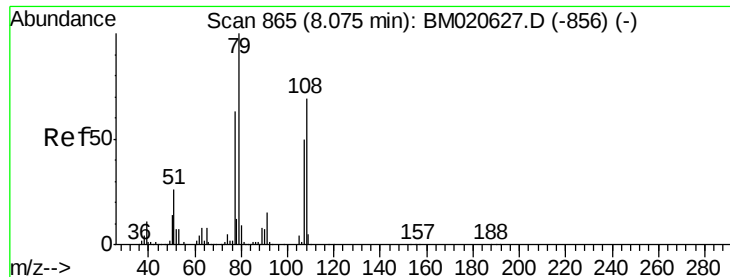
Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:	146	Resp:	1041715
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	42.7	35.3	52.9





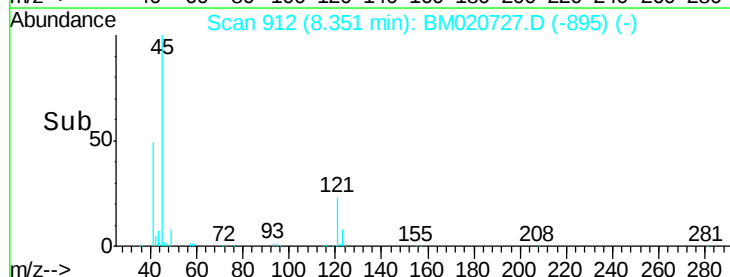
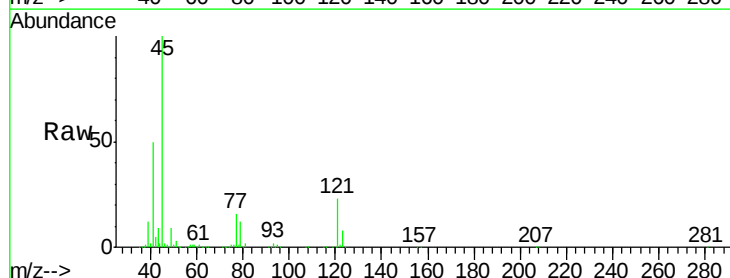
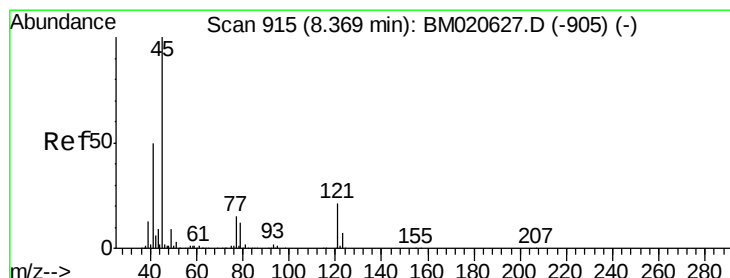
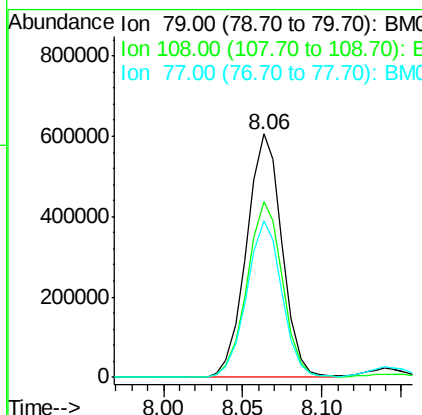
#15
Benzyl Alcohol
Concen: 38.840 ng
RT: 8.06 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.3	57.2	85.8
77	64.3	50.9	76.3

Instrument :
BNA_M
ClientSampleId :
PB120300BS

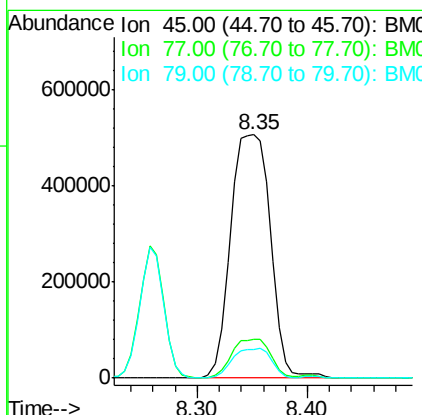
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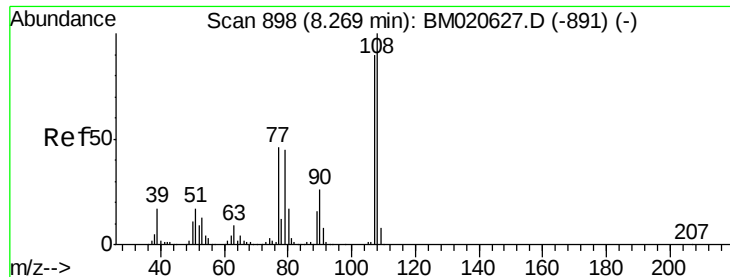
mohammad
6/6/2019 11:21:25 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.240 ng
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	35.4
79	12.0	0.0	32.2





#17

2-Methylphenol

Concen: 41.801 ng

RT: 8.26 min Scan# 896

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

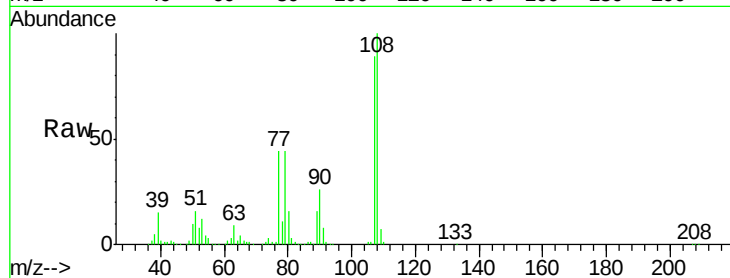
ClientSampleId :

PB120300BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	870351		
108	108	111.8		88.2	132.4
77	77	49.3		39.5	59.3
79	79	48.8		39.4	59.0

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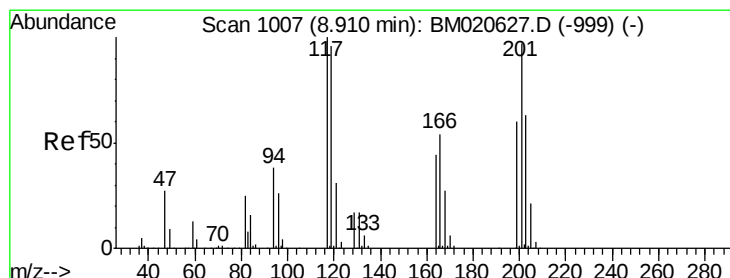
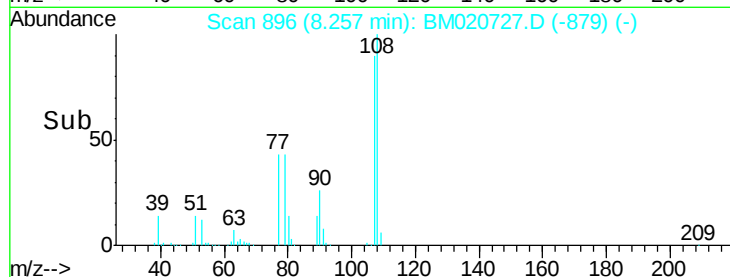
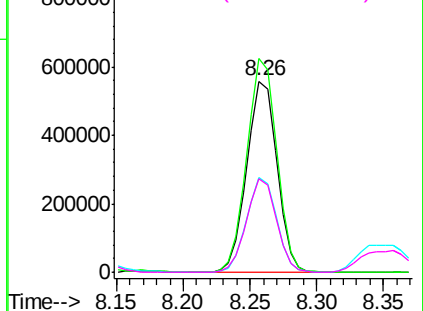


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 38.193 ng

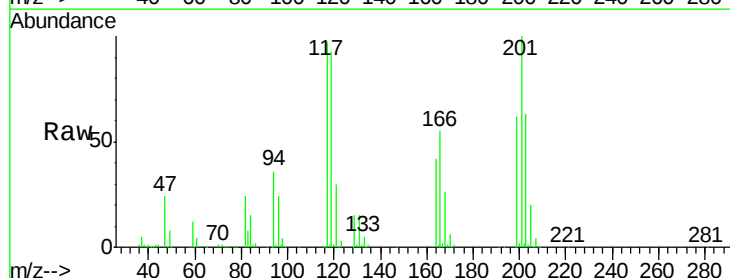
RT: 8.89 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

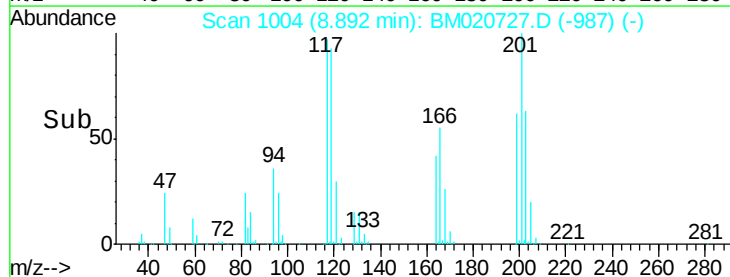
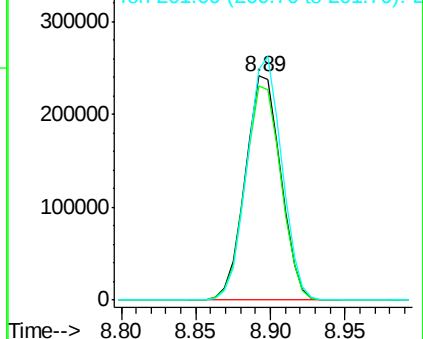
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	396607		
119	119	95.6		78.2	117.4
201	201	102.9		83.0	124.4

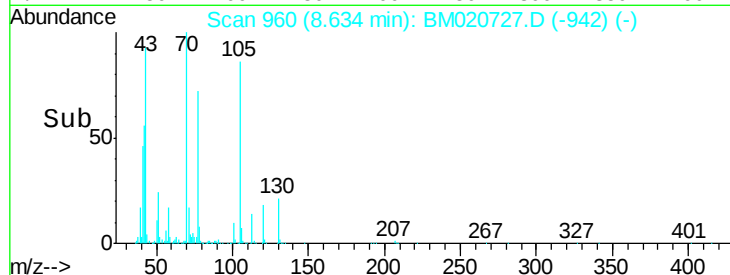
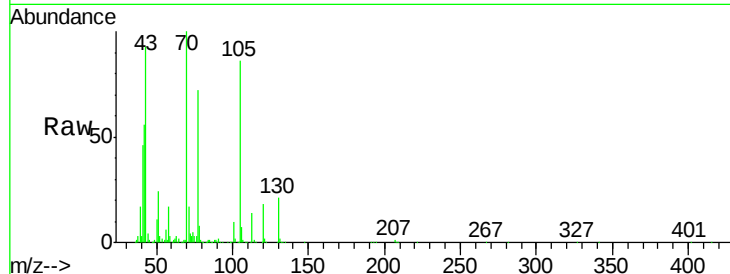
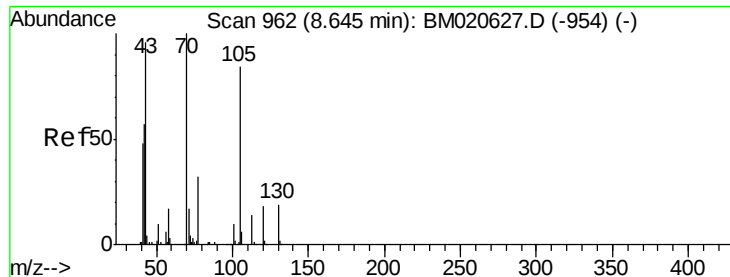


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





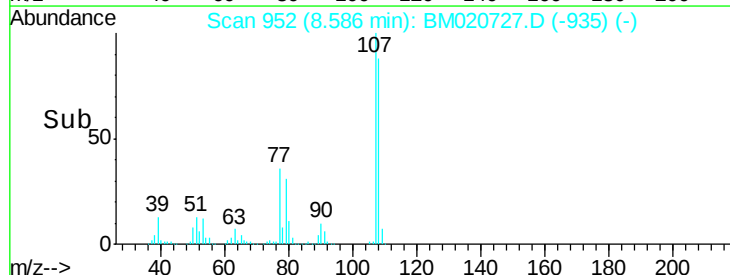
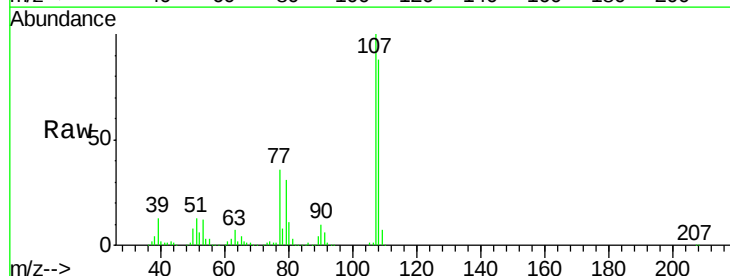
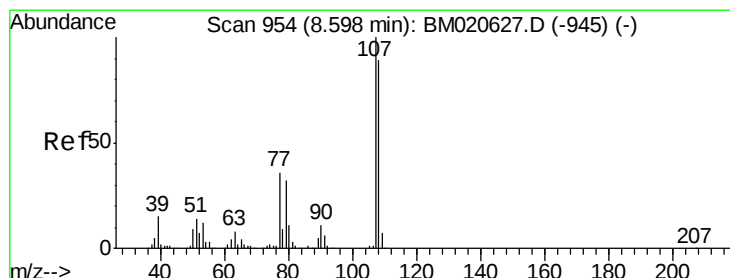
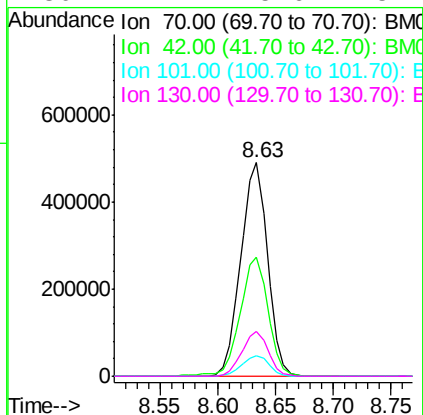
#19
n-Nitroso-di-n-propylamine
Concen: 35.876 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Manual Integrations
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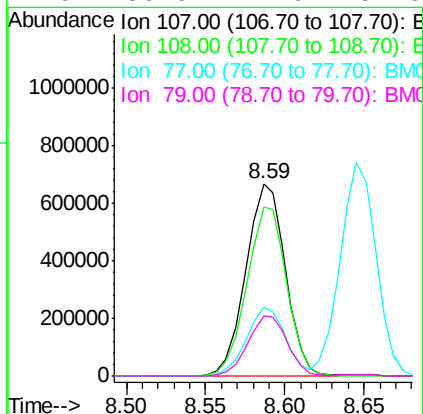
mohammad
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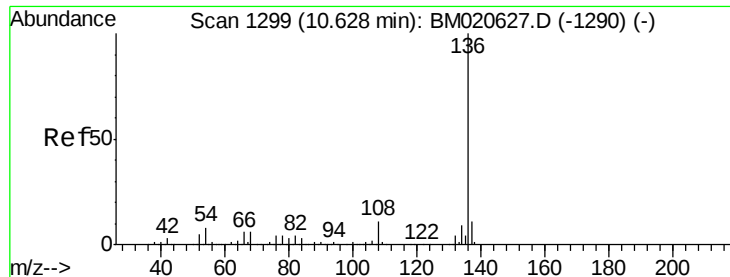
Tot Ion	Ion	Ratio	Lower	Upper
792384	70	100		
	42	55.9	44.2	66.2
	101	9.8	7.2	10.8
	130	21.1	15.6	23.4



#20
3+4-Methylphenols
Concen: 40.832 ng
RT: 8.59 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ion	Ratio	Lower	Upper
1156701	107	100		
	108	87.7	70.3	110.3
	77	35.6	15.5	55.5
	79	30.9	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:136 Resp: 1344477

Ion Ratio Lower Upper

136 100

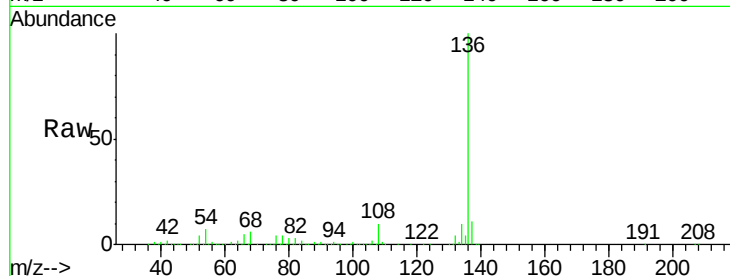
137 10.8 8.7 13.1

54 7.4 6.0 9.0

68 5.8 4.4 6.6

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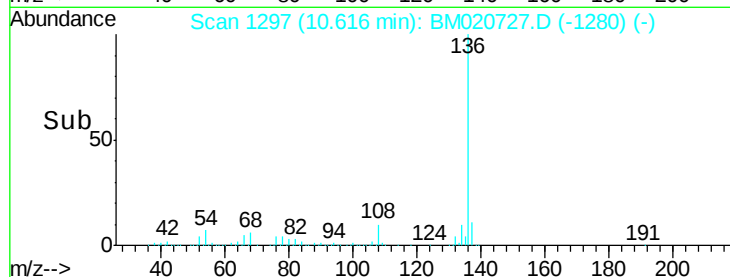


Abundance Ion 136.00 (135.70 to 136.70): E

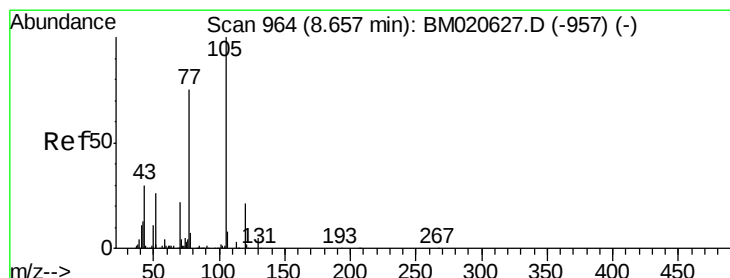
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 42.823 ng

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:105 Resp: 1462598

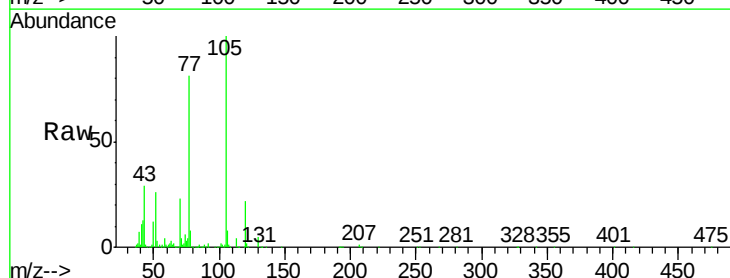
Ion Ratio Lower Upper

105 100

71 3.7 1.8 2.8#

51 26.3 20.9 31.3

120 21.9 17.6 26.4

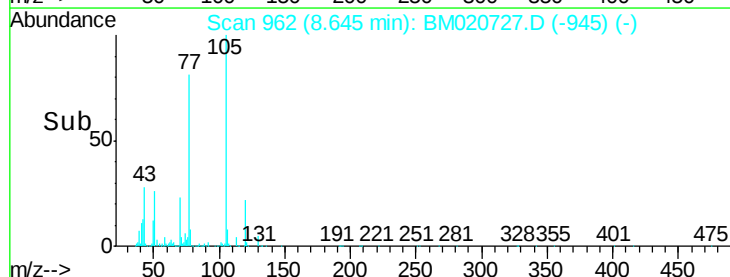


Abundance Ion 105.00 (104.70 to 105.70): E

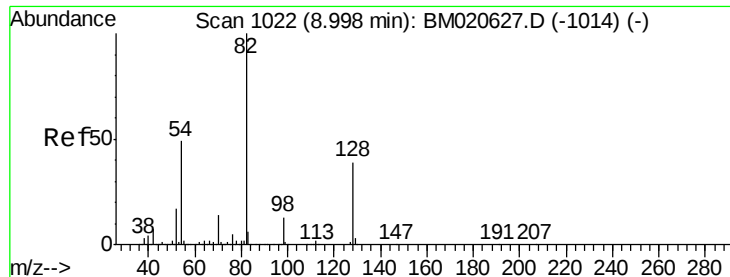
Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->



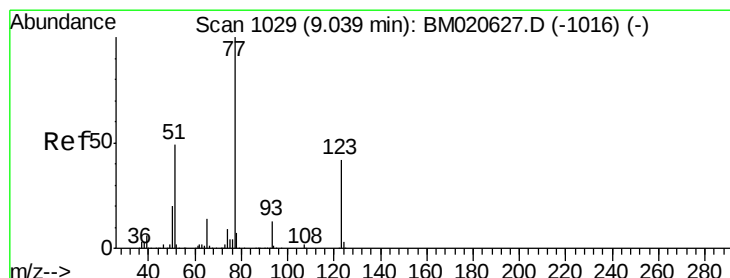
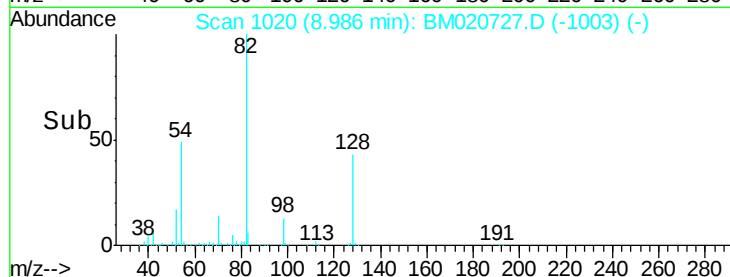
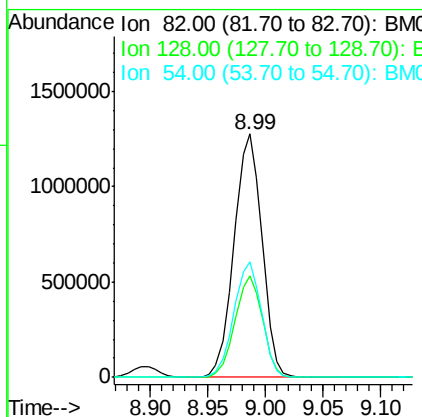
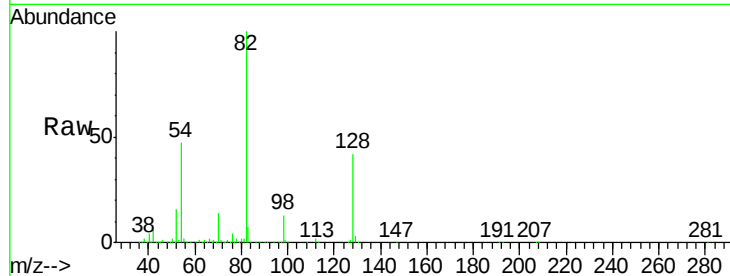
#23
 Nitrobenzene-d5
 Concen: 82.209 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.2	49.8
54	47.4	37.7	56.5

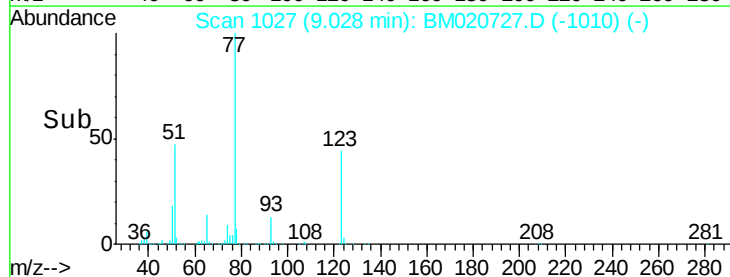
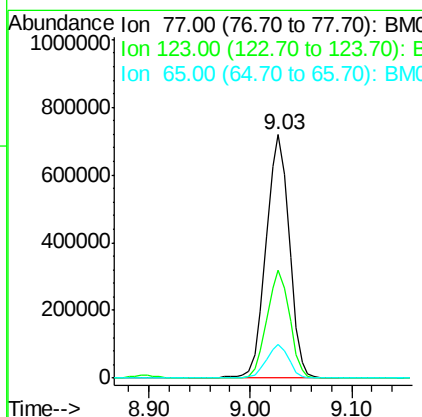
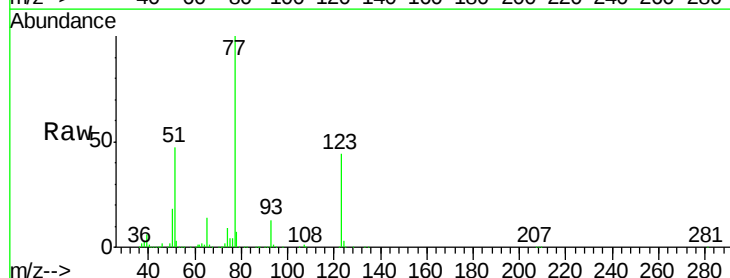
Manual Integrations
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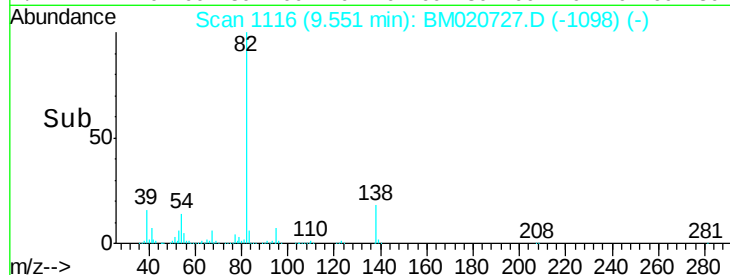
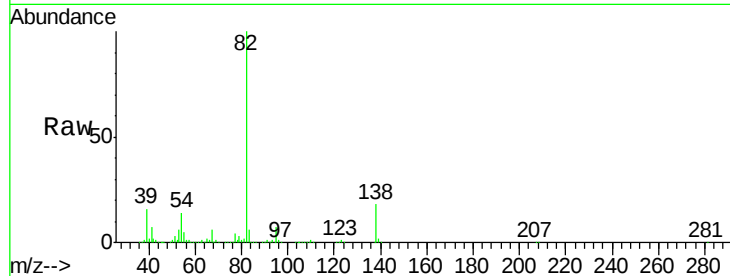
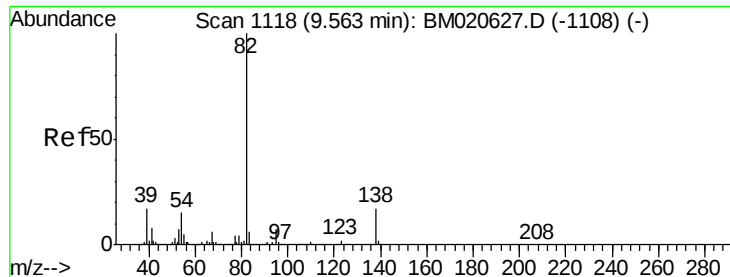
mohammad
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#24
 Nitrobenzene
 Concen: 43.042 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	35.8	53.8
65	13.8	10.9	16.3





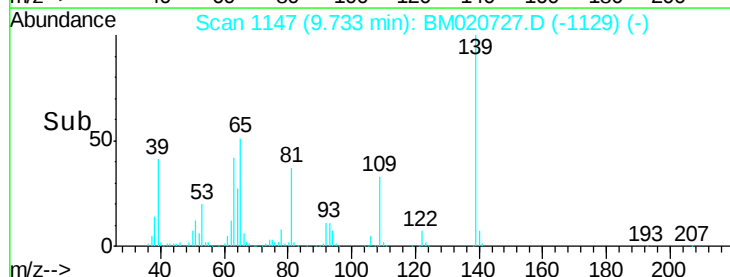
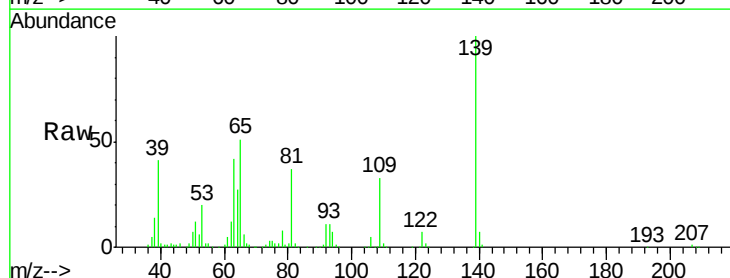
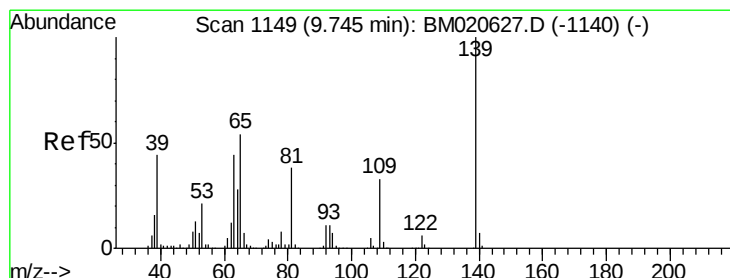
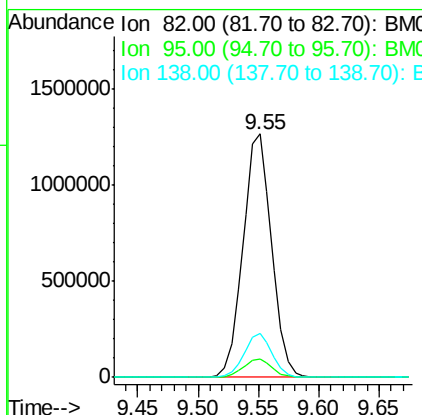
#25
Isophorone
Concen: 40.377 ng
RT: 9.55 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tot Ion: 82 Resp: 2084143
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 18.2 14.5 21.7

Instrument :
BNA_M
ClientSampleId :
PB120300BS

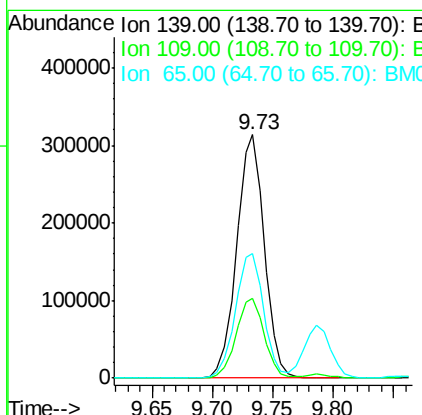
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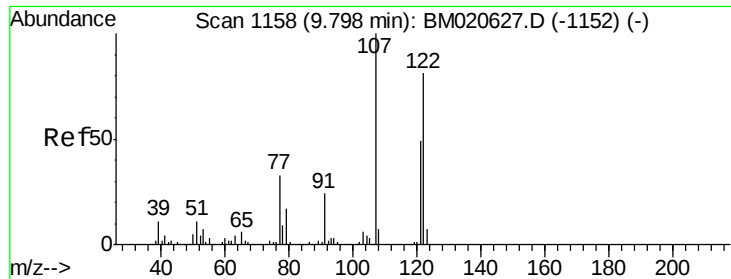
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#26
2-Nitrophenol
Concen: 50.799 ng
RT: 9.73 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion: 139 Resp: 501538
Ion Ratio Lower Upper
139 100
109 32.9 26.8 40.2
65 51.3 42.6 63.8





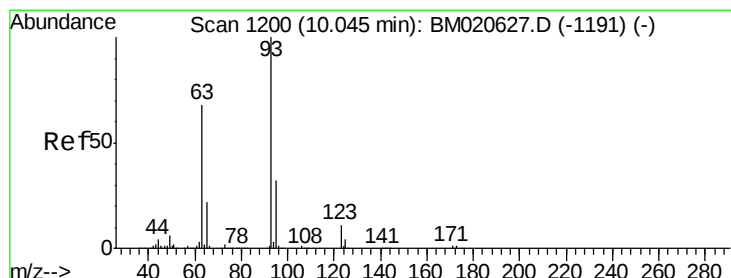
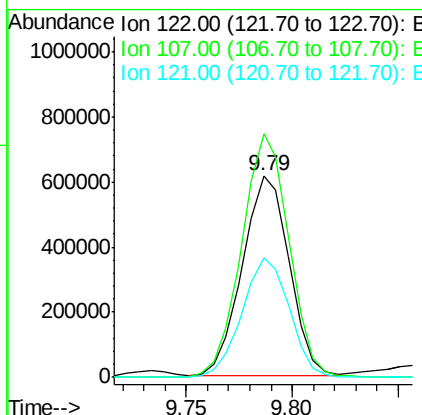
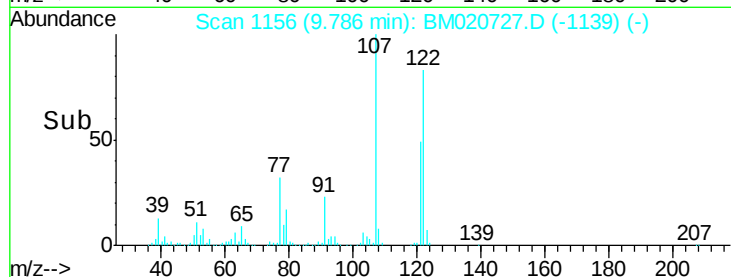
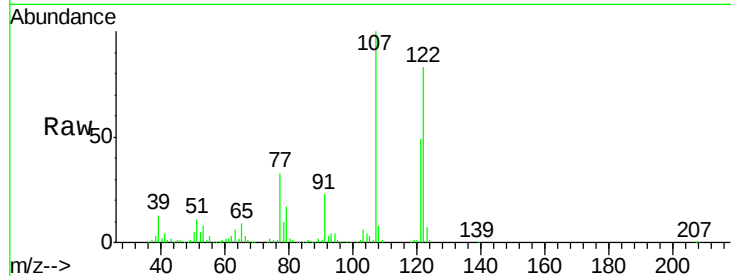
#27
 2,4-Dimethylphenol
 Concen: 51.329 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	97.8	146.6
121	59.3	48.5	72.7

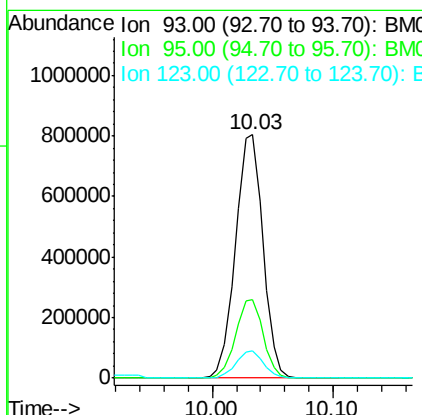
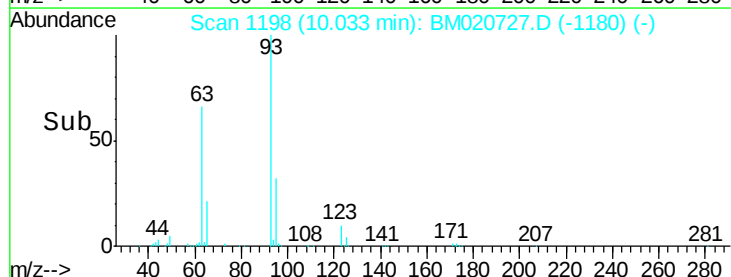
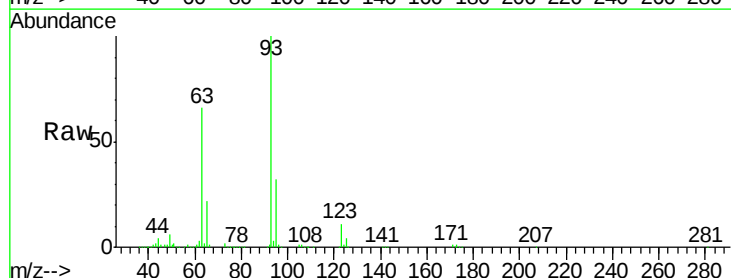
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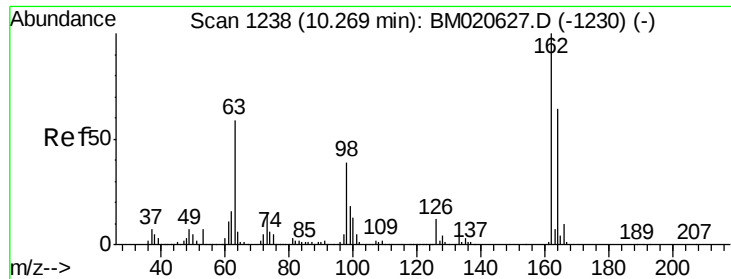
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.039 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.0
123	11.4	8.8	13.2





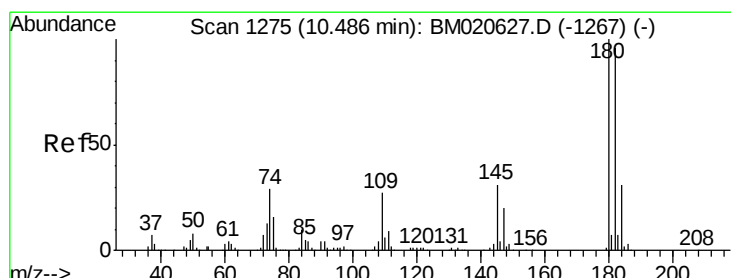
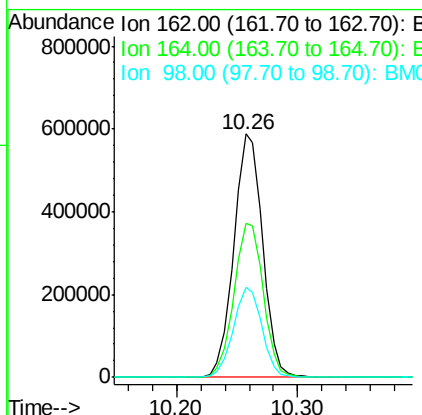
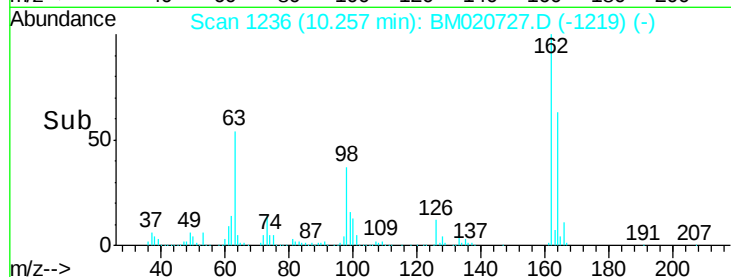
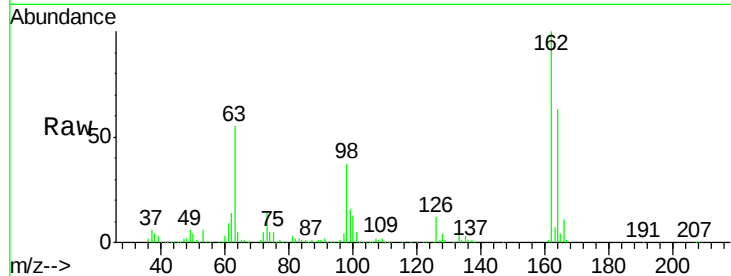
#29
2,4-Dichlorophenol
Concen: 47.781 ng
RT: 10.26 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.5	85.5
98	37.0	16.7	56.7

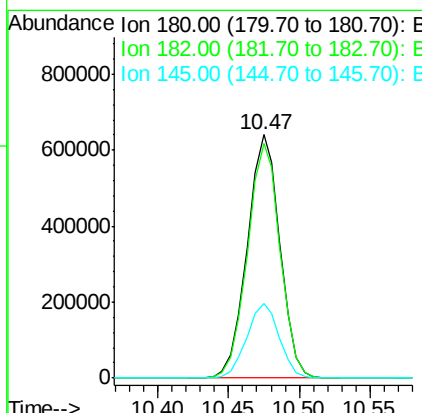
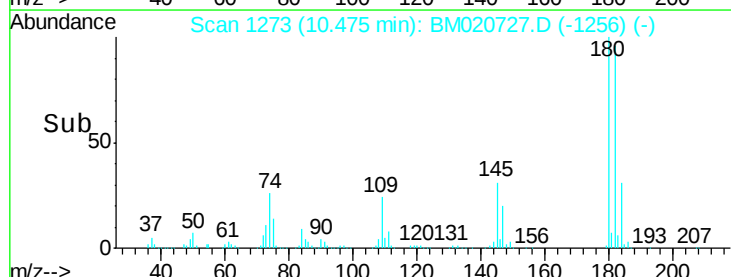
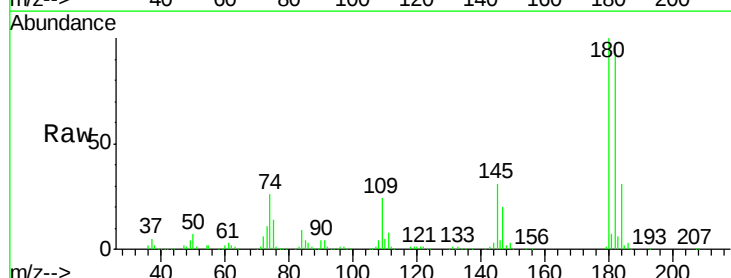
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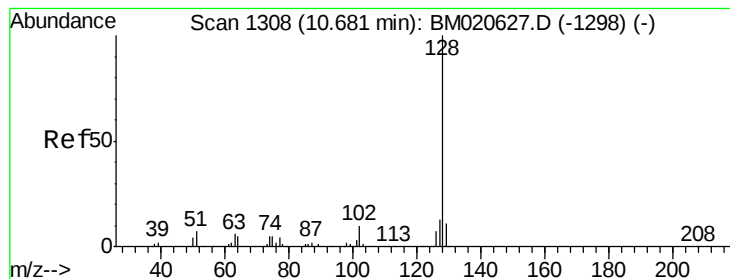
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#30
1,2,4-Trichlorobenzene
Concen: 44.160 ng
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.8
145	30.5	24.3	36.5





#31

Naphthalene

Concen: 43.598 ng

RT: 10.66 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:128 Resp: 3014290

Ion Ratio Lower Upper

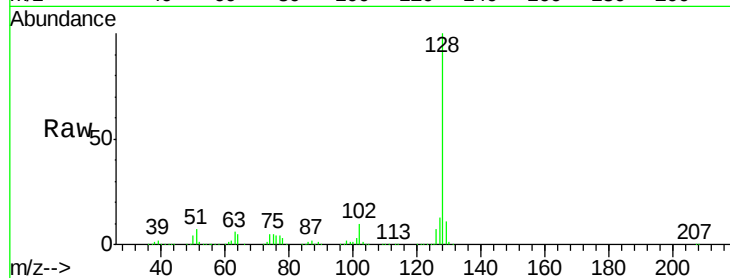
128 100

129 11.1 9.0 13.4

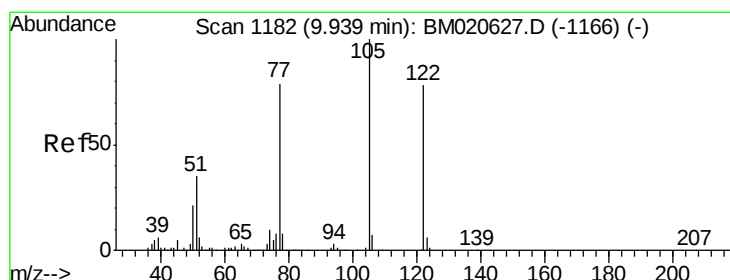
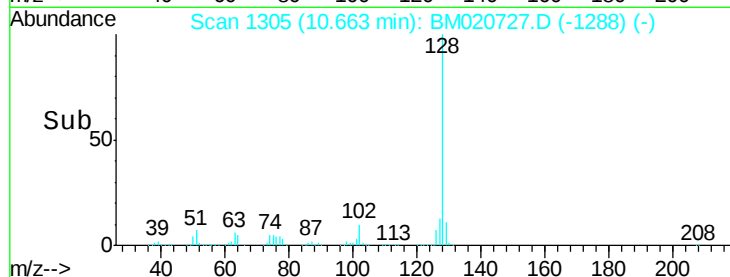
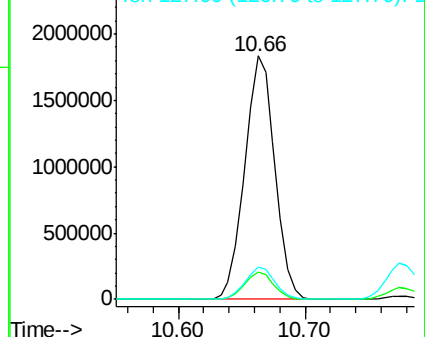
127 13.2 10.5 15.7

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Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.253 ng

RT: 9.93 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

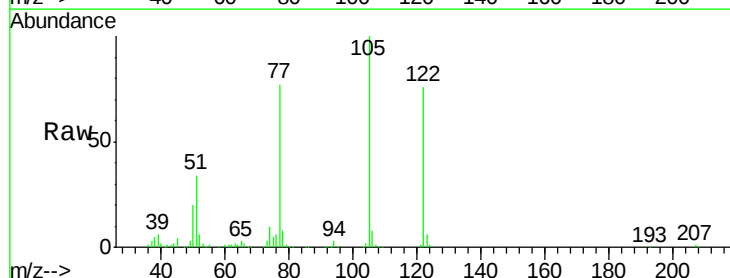
Tgt Ion:122 Resp: 497041

Ion Ratio Lower Upper

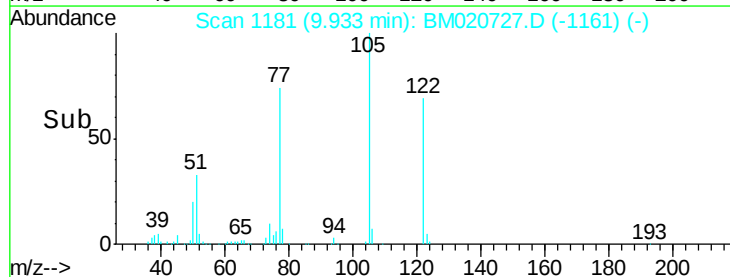
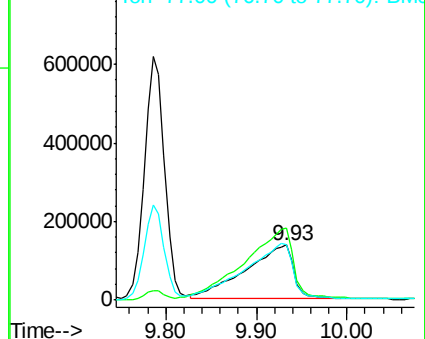
122 100

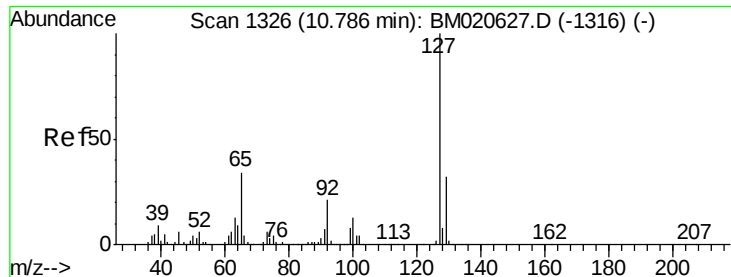
105 131.0 108.0 148.0

77 100.8 82.2 122.2



Abundance Ion 122.00 (121.70 to 122.70): E
800000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





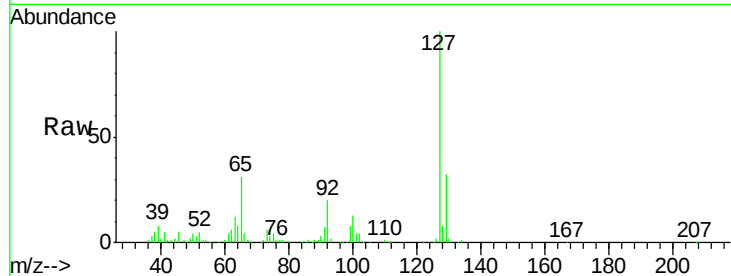
#33
4-Chloroaniline
Concen: 14.959 ng
RT: 10.77 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

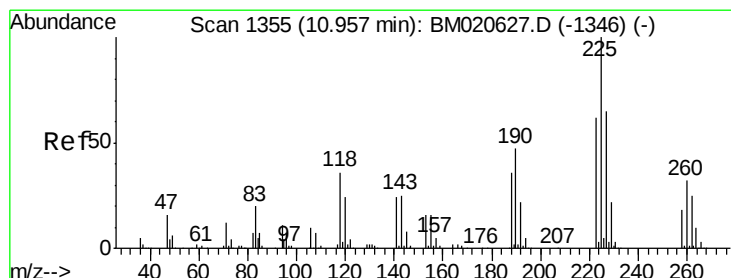
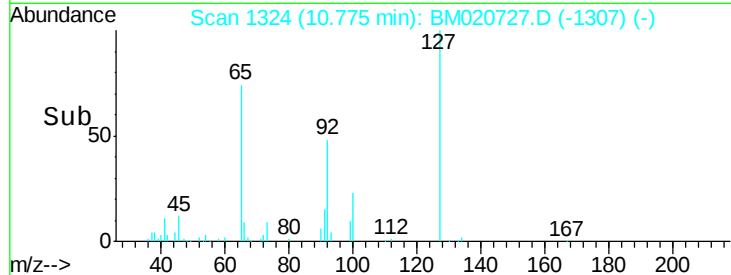
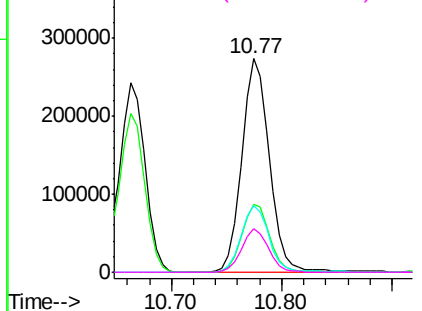
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		481334		
129	31.7	25.4	38.2		
65	31.4	25.3	37.9		
92	20.3	16.4	24.6		

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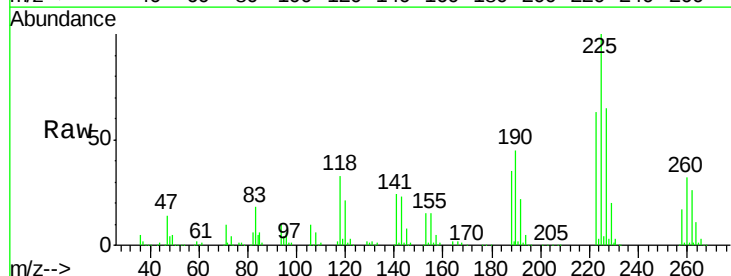


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

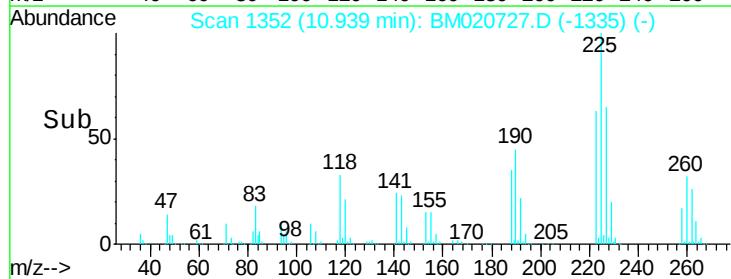
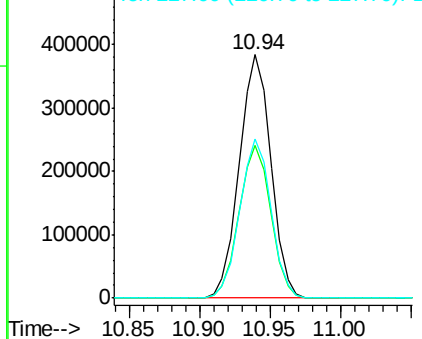


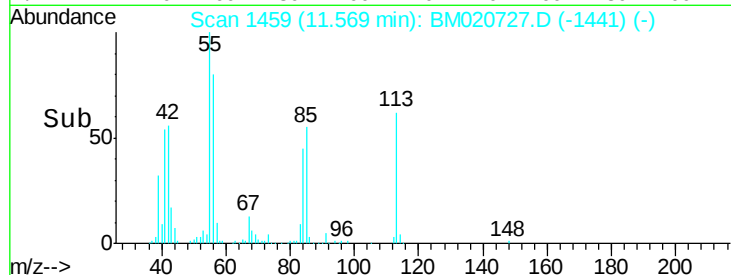
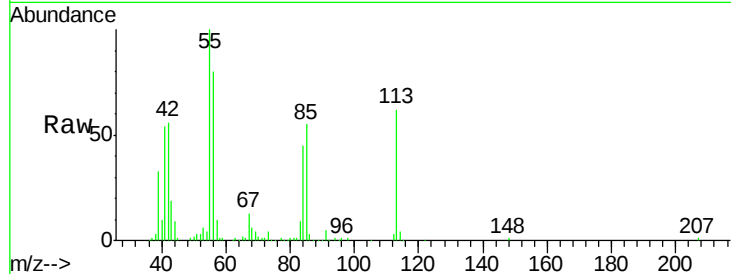
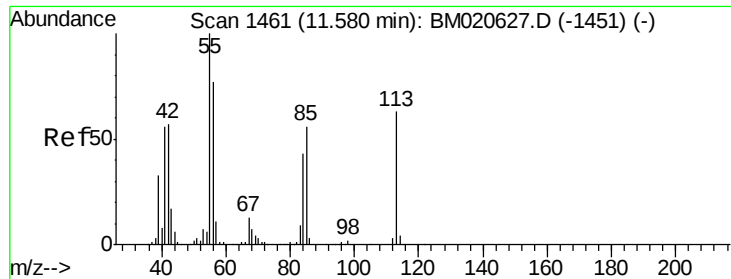
#34
Hexachlorobutadiene
Concen: 42.714 ng
RT: 10.94 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		603193		
223	62.9	49.6	74.4		
227	65.3	51.0	76.4		



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





#35

Caprolactam

Concen: 38.605 ng/mL

RT: 11.57 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:113 Resp: 274509

Ion Ratio Lower Upper

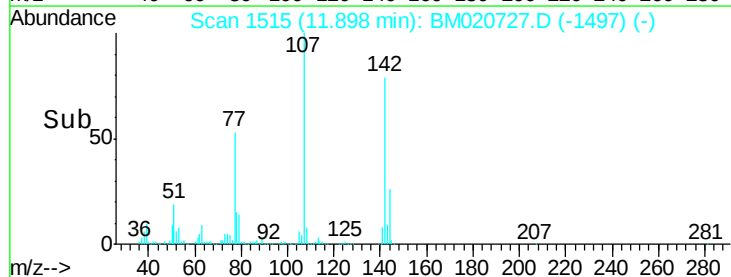
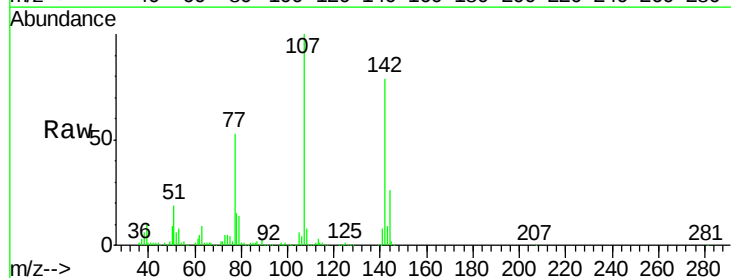
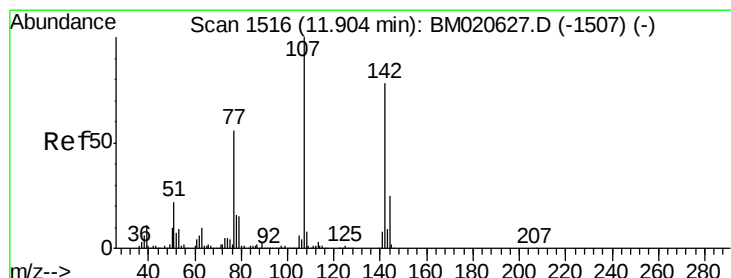
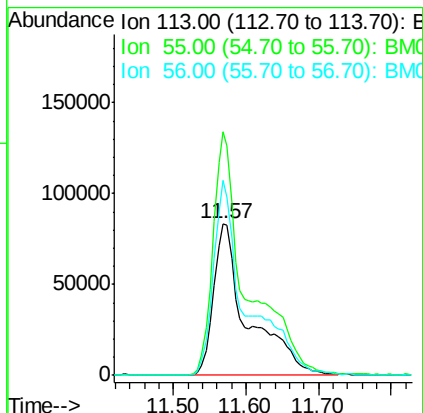
113 100

55 160.1 141.1 181.1

56 128.3 105.0 145.0

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#36

4-Chloro-3-methylphenol

Concen: 42.415 ng/mL

RT: 11.90 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

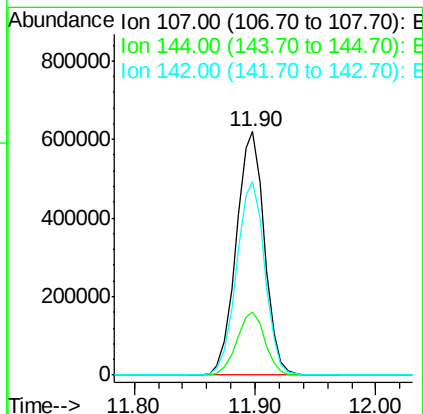
Tgt Ion:107 Resp: 1009369

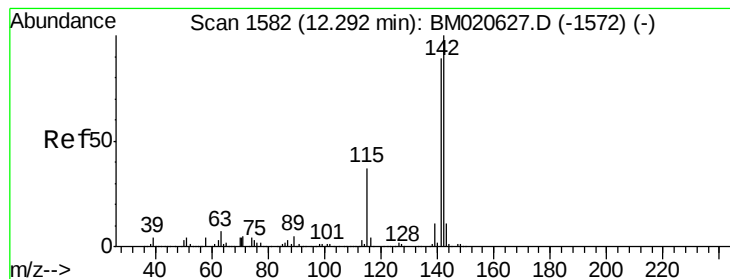
Ion Ratio Lower Upper

107 100

144 26.2 20.6 31.0

142 79.3 63.3 94.9





#37

2-Methylnaphthalene

Concen: 43.468 ng

RT: 12.27 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:142 Resp: 2227591

Ion Ratio Lower Upper

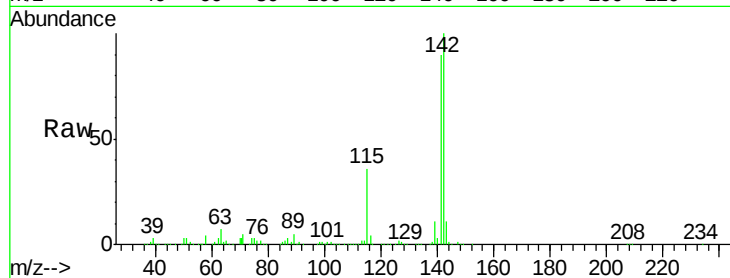
142 100

141 89.6 71.4 107.0

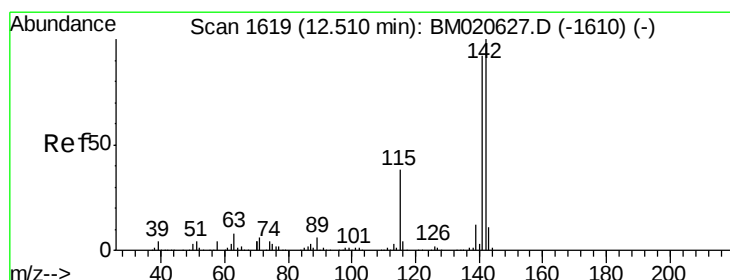
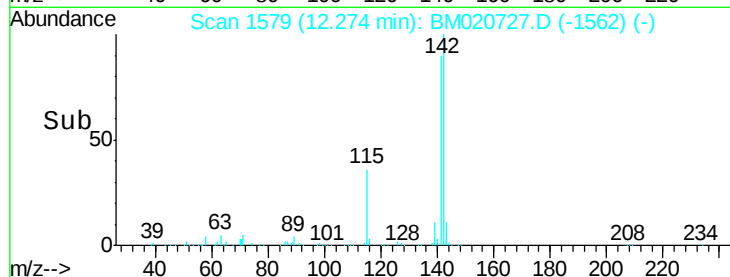
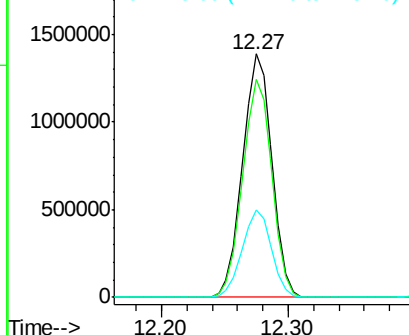
115 36.0 28.2 42.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.318 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

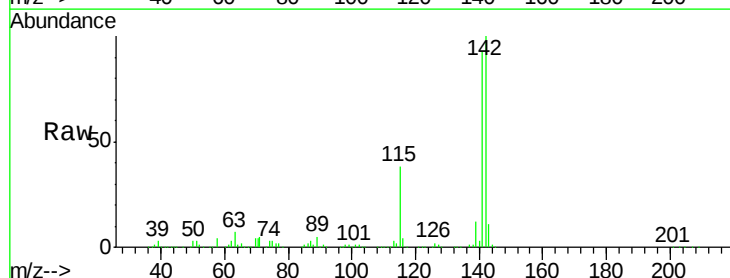
Tgt Ion:142 Resp: 2113734

Ion Ratio Lower Upper

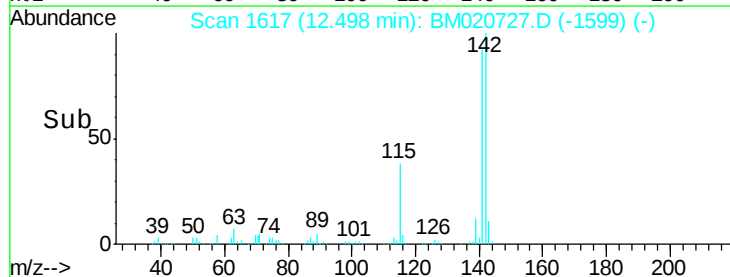
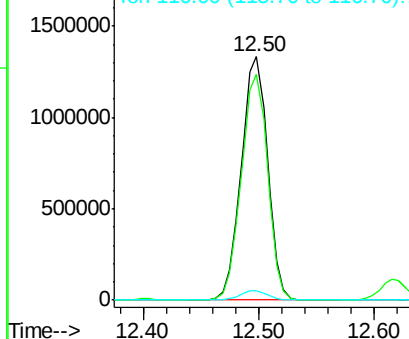
142 100

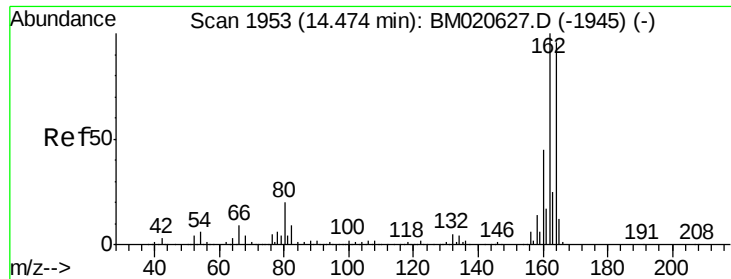
141 92.7 74.1 111.1

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: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

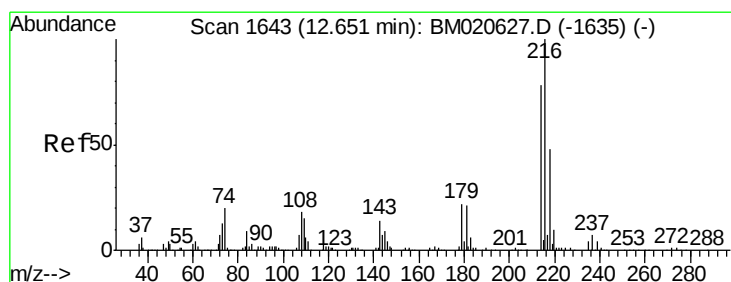
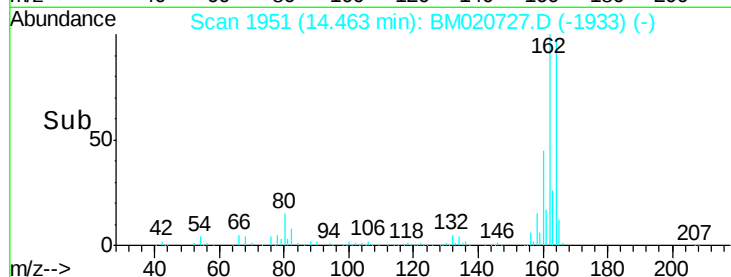
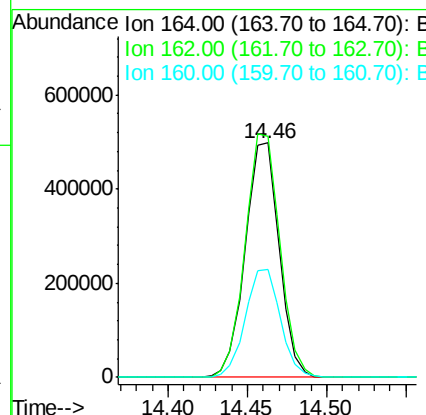
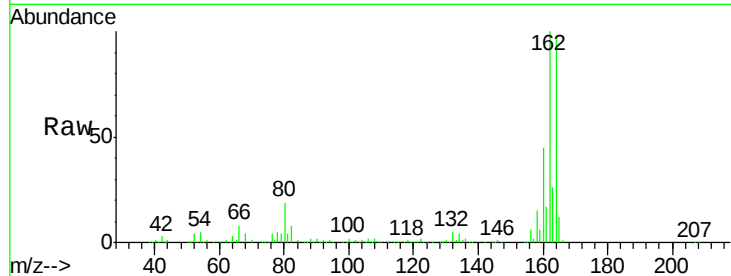
ClientSampleId :

PB120300BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.5	125.3
160	46.0	37.2	55.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.841 ng

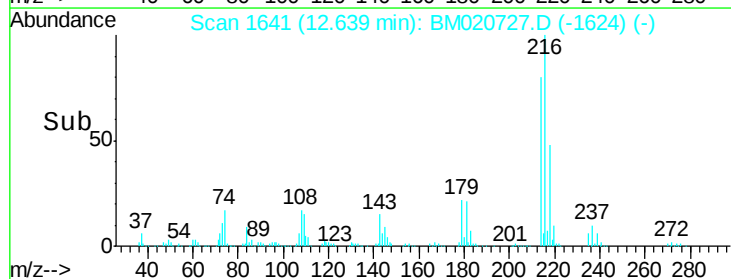
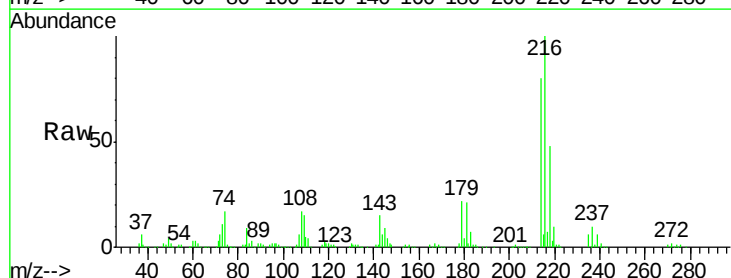
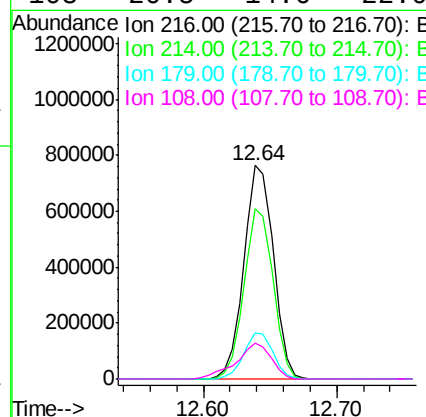
RT: 12.64 min Scan# 1641

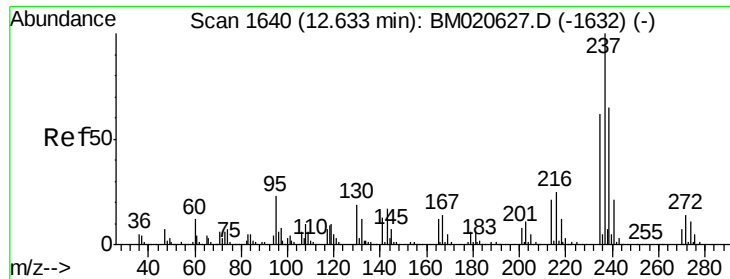
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.1	94.7
179	21.4	17.3	25.9
108	20.5	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 102.037 ng

RT: 12.62 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:237 Resp: 1484735

Ion Ratio Lower Upper

237 100

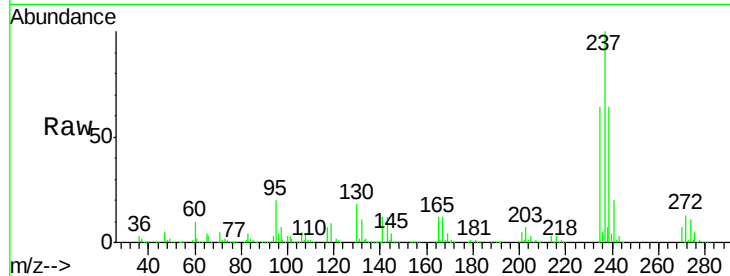
235 63.9 41.7 81.7

272 13.2 0.0 33.0

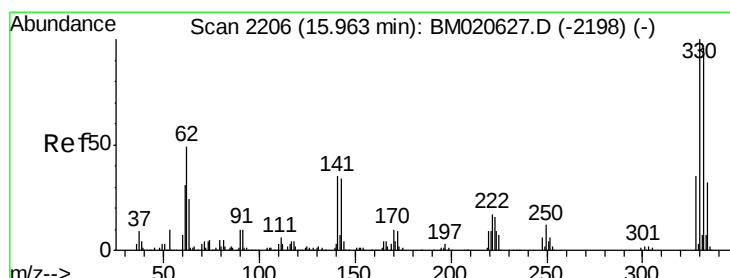
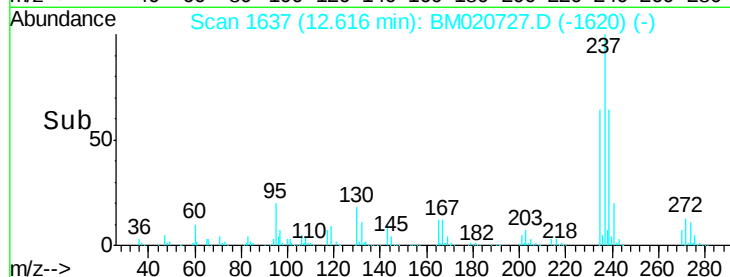
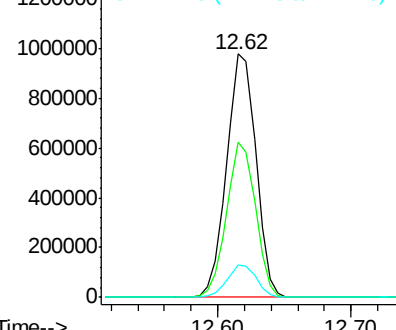
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.261 ng

RT: 15.95 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

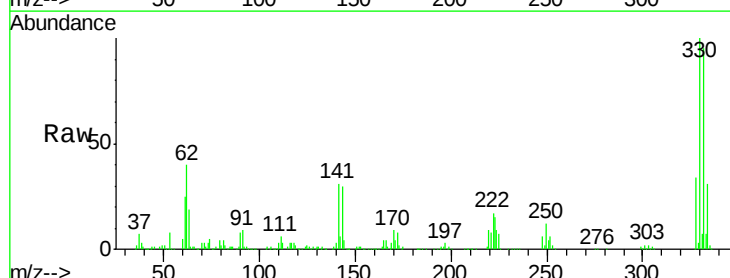
Tgt Ion:330 Resp: 1290188

Ion Ratio Lower Upper

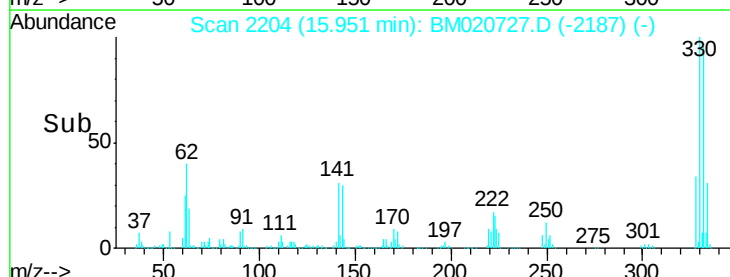
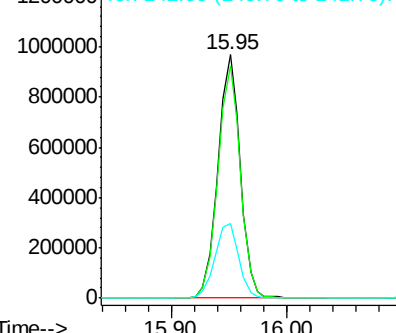
330 100

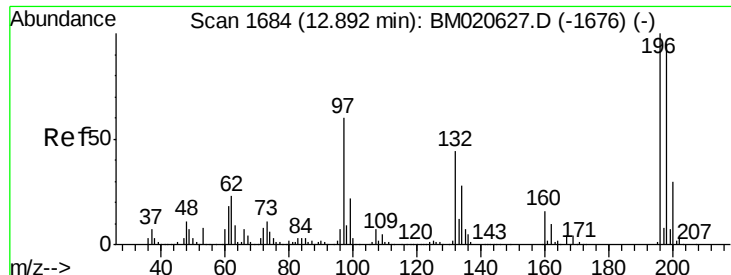
332 96.1 77.0 115.4

141 32.9 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





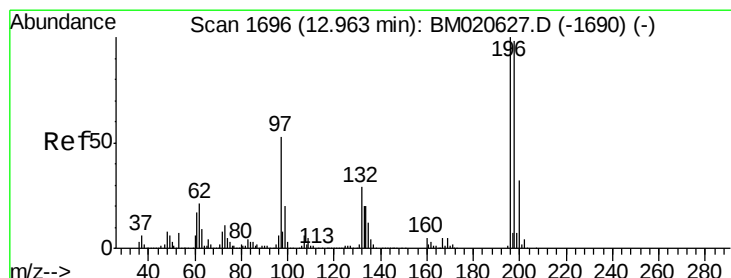
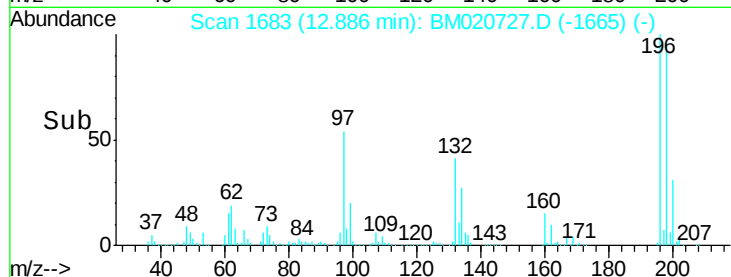
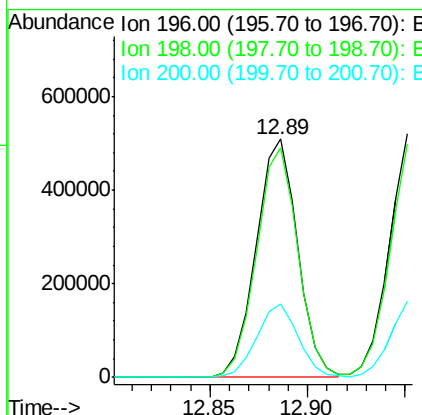
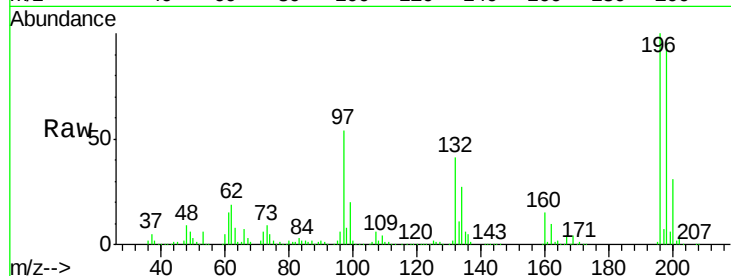
#43
 2,4,6-Trichlorophenol
 Concen: 47.705 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	747085		
198	96.4	76.4	114.6	
200	30.7	24.6	37.0	

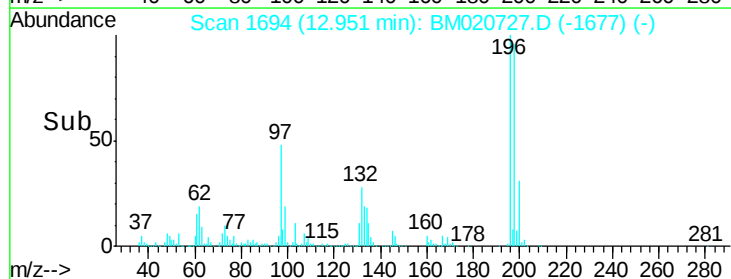
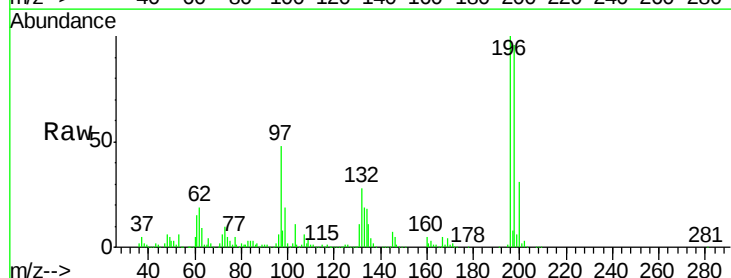
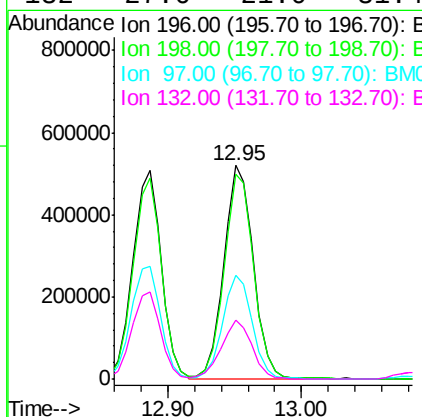
Manual Integrations
 APPROVED

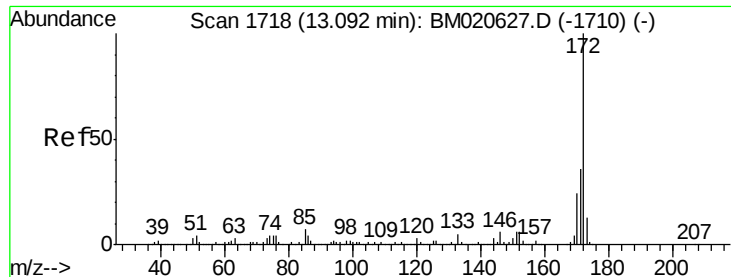
mohammad
 6/6/2019 11:21:25 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.480 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	799982		
198	95.6	76.0	114.0	
97	48.5	39.8	59.8	
132	27.6	21.0	31.4	





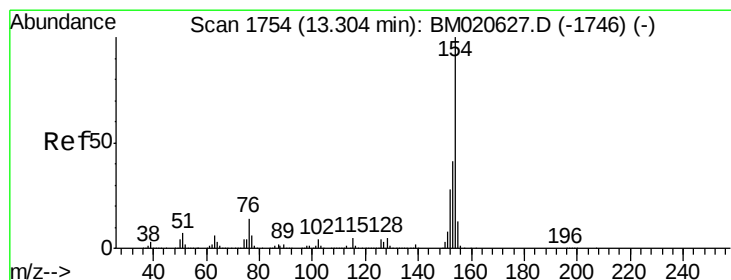
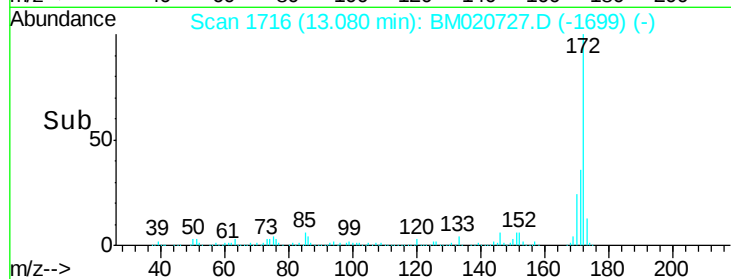
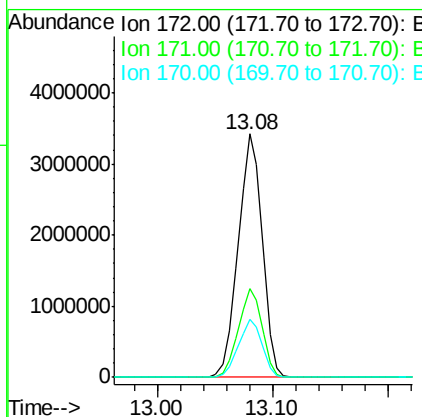
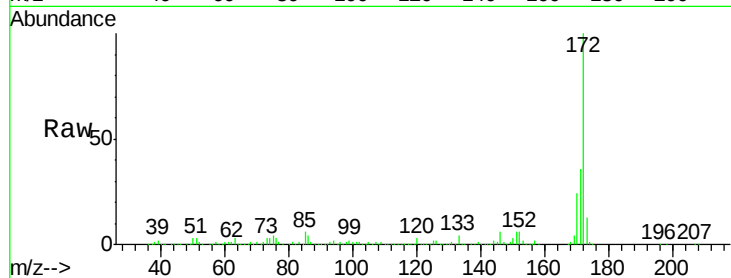
#45
 2-Fluorobiphenyl
 Concen: 88.140 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	23.6	18.5	27.7

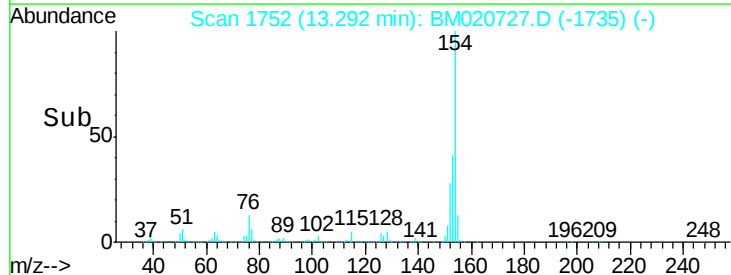
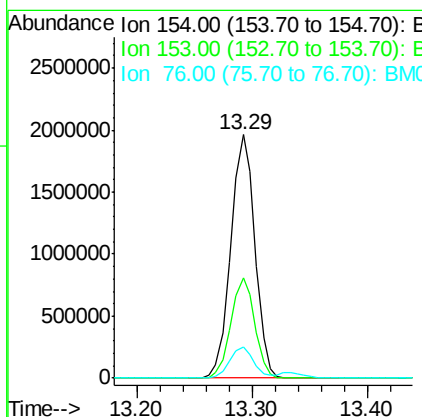
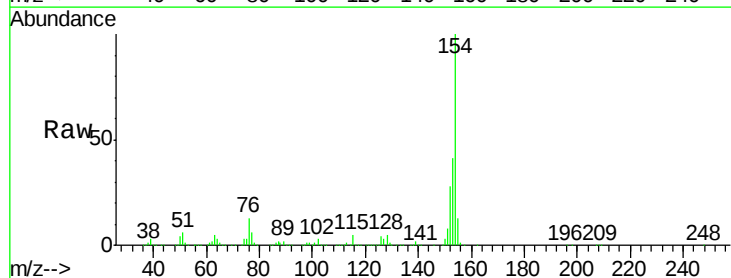
Manual Integrations
 APPROVED

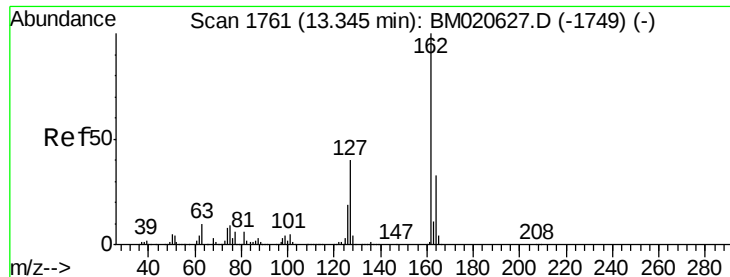
mohammad
 6/6/2019 11:21:25 AM



#46
 1,1'-Biphenyl
 Concen: 45.488 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	12.6	0.0	32.5





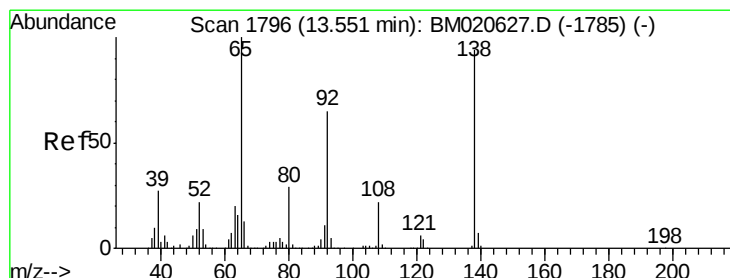
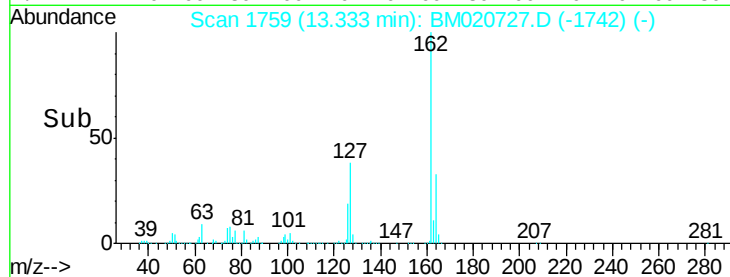
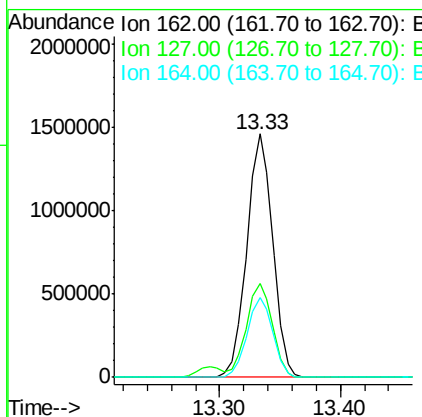
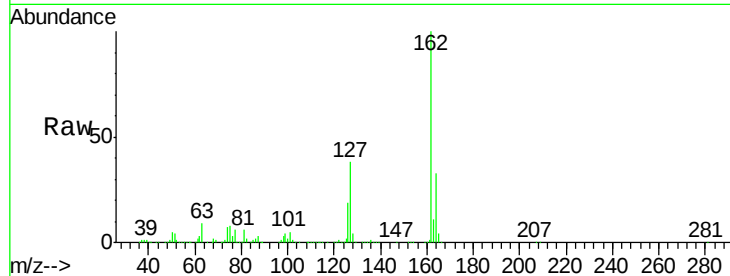
#47
2-Chloronaphthalene
Concen: 43.601 ng
RT: 13.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.1	46.7
164	32.6	26.1	39.1

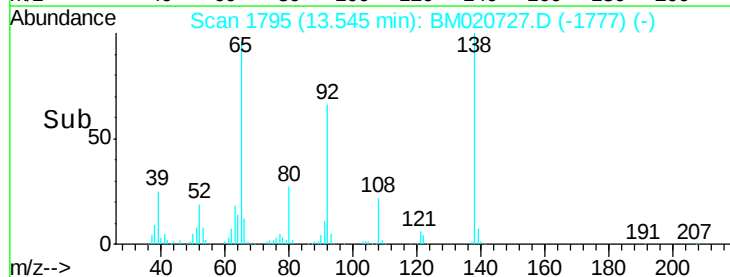
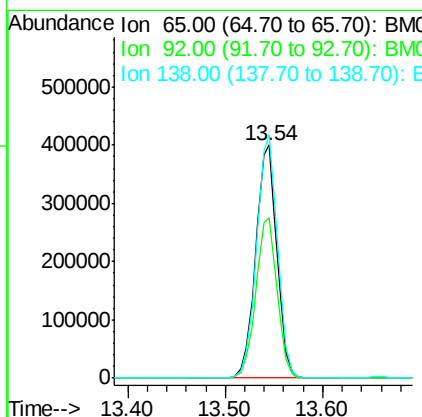
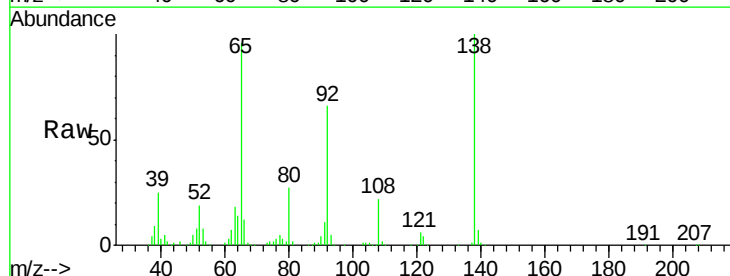
Manual Integrations
APPROVED

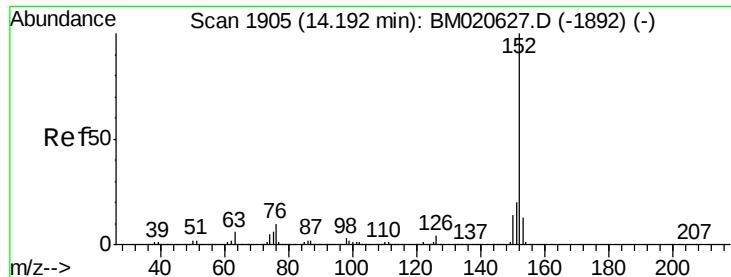
mohammad
6/6/2019 11:21:25 AM



#48
2-Nitroaniline
Concen: 39.015 ng
RT: 13.54 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	55.2	82.8
138	104.4	82.6	124.0





#49

Acenaphthylene

Concen: 44.023 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:152 Resp: 3437453

Ion Ratio Lower Upper

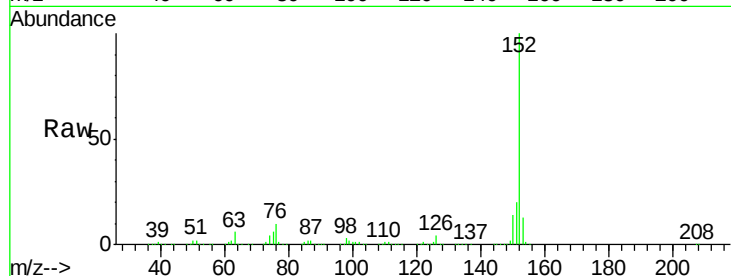
152 100

151 20.1 16.2 24.2

153 13.2 10.6 15.8

Manual Integrations
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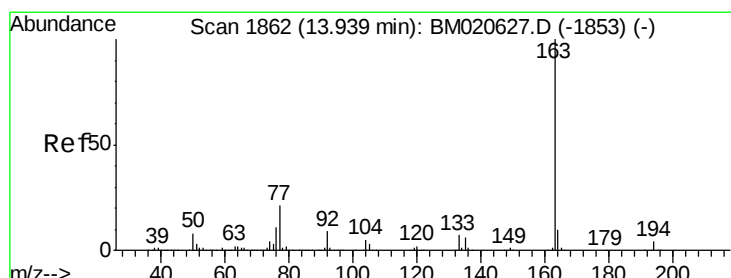
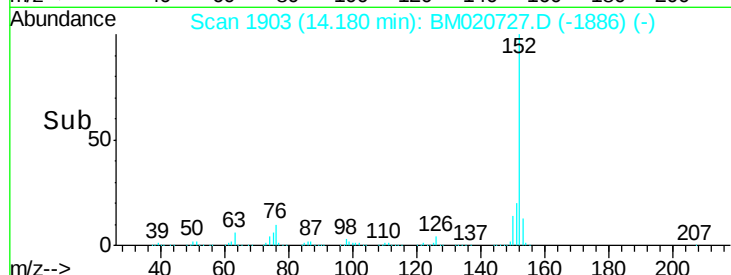
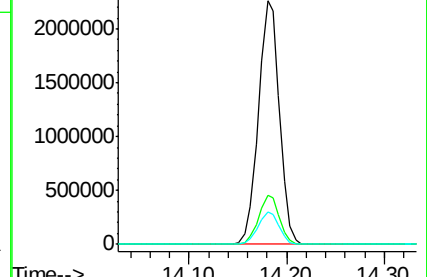
mohammad
6/6/2019 11:21:25 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.631 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

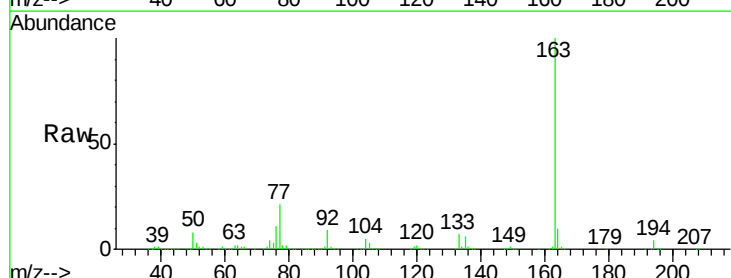
Tgt Ion:163 Resp: 2640620

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

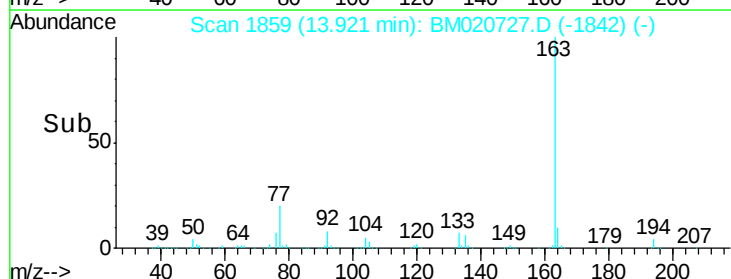
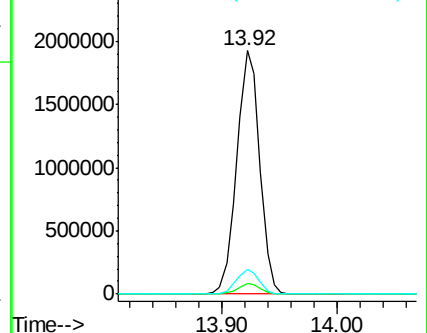
164 10.0 8.2 12.4

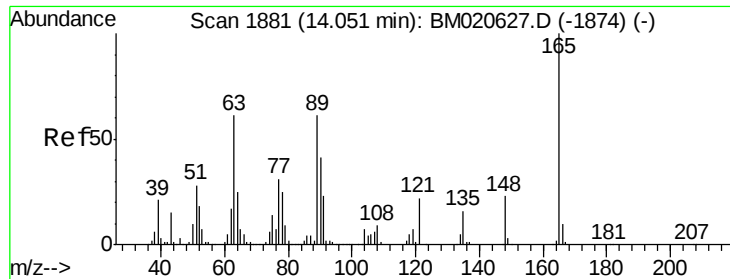


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





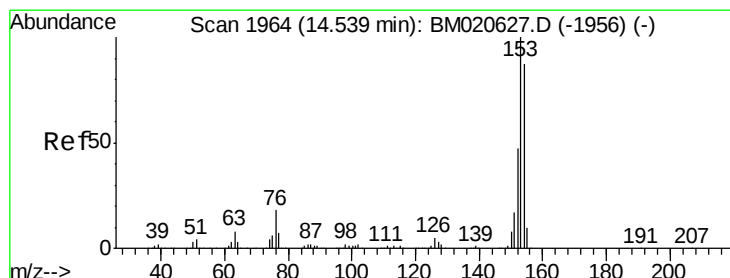
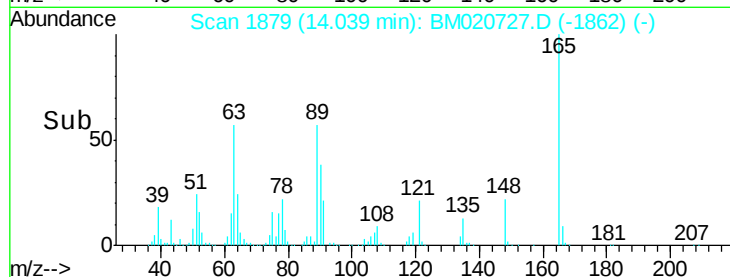
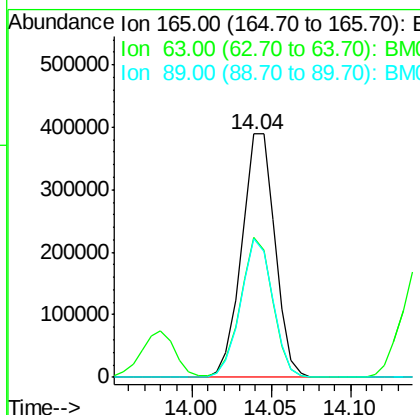
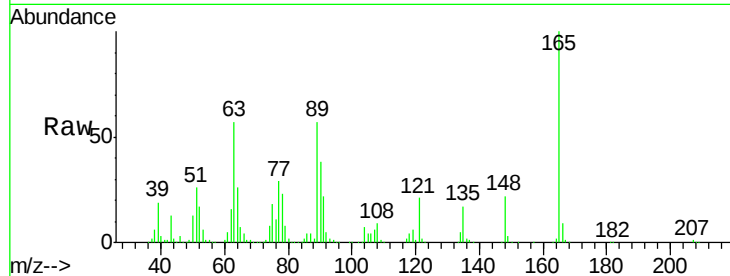
#51
2,6-Dinitrotoluene
Concen: 44.038 ng
RT: 14.04 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleID :
PB120300BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	567170		
63	57.4	45.0	67.6	
89	57.0	43.5	65.3	

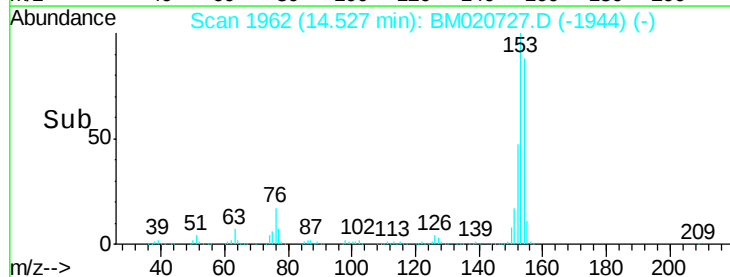
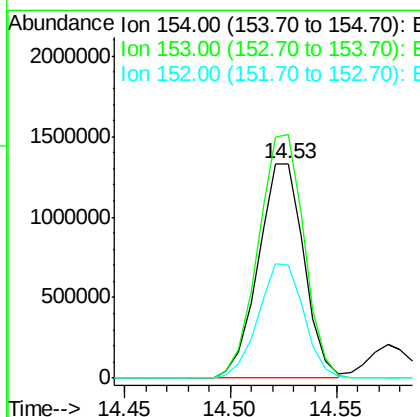
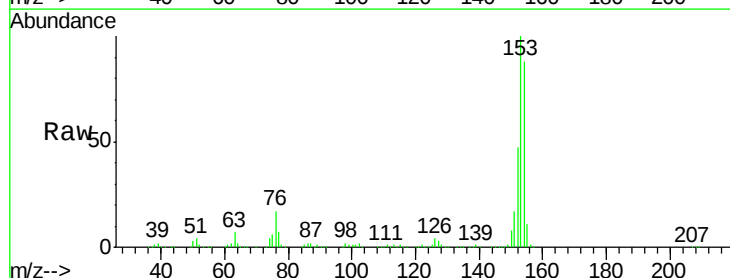
Manual Integrations
APPROVED

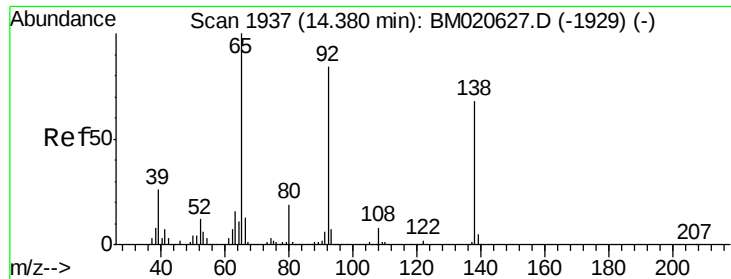
mohammad
6/6/2019 11:21:25 AM



#52
Acenaphthene
Concen: 42.891 ng
RT: 14.53 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1995797		
153	113.7	90.6	135.8	
152	53.0	42.6	63.8	





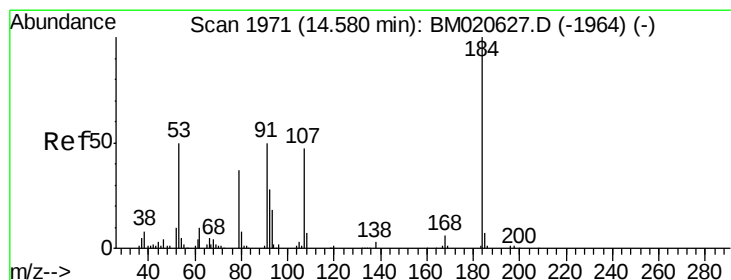
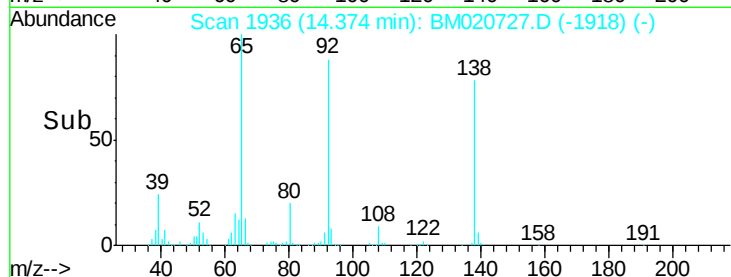
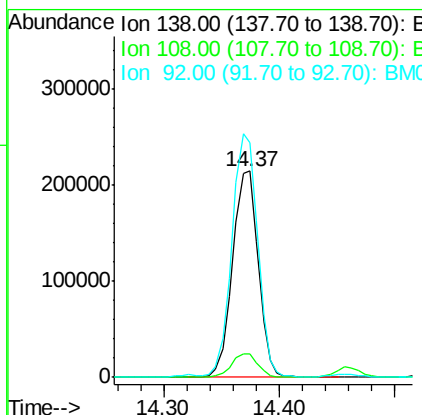
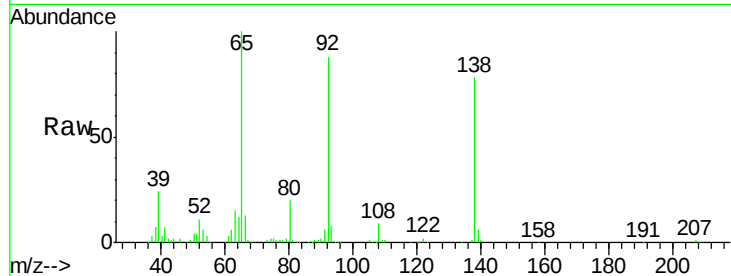
#53
3-Nitroaniline
Concen: 23.183 ng
RT: 14.37 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	333268		
108	11.6	8.9	13.3	
92	113.8	95.2	142.8	

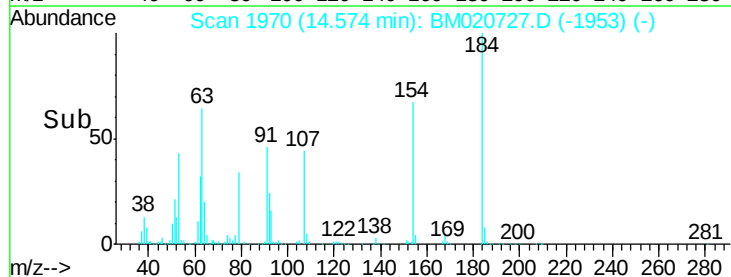
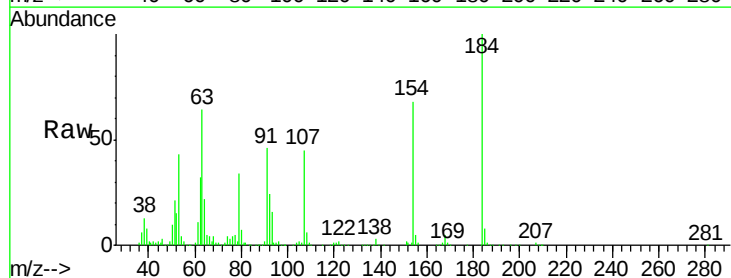
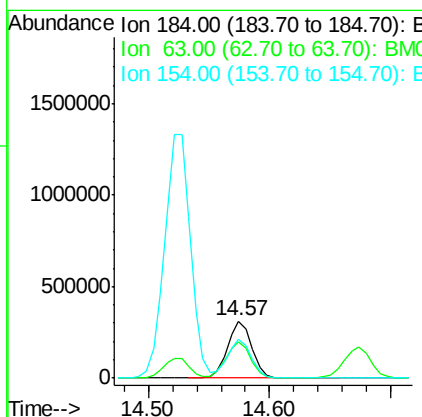
Manual Integrations
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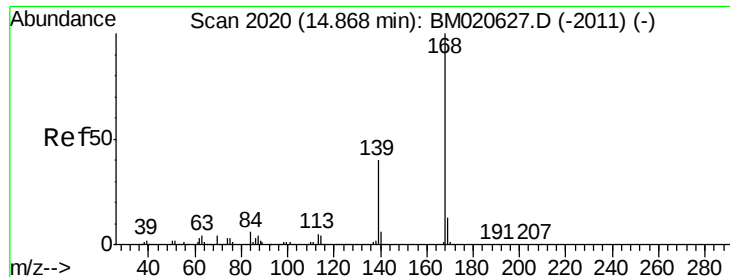
mohammad
6/6/2019 11:21:25 AM



#54
2,4-Dinitrophenol
Concen: 79.066 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	437564		
63	64.4	49.8	74.8	
154	67.7	55.4	83.2	





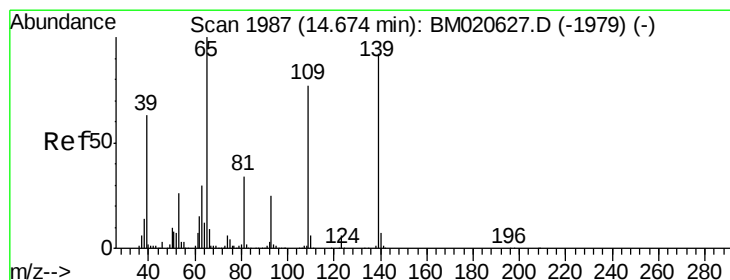
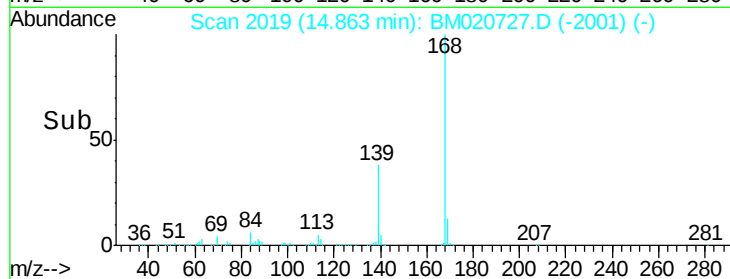
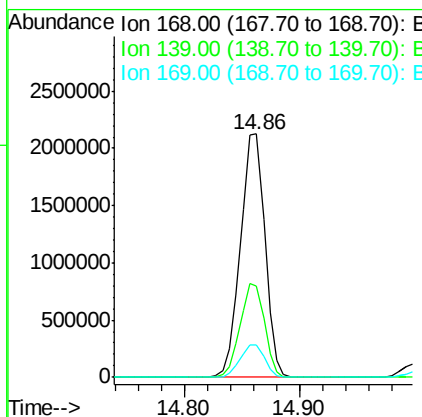
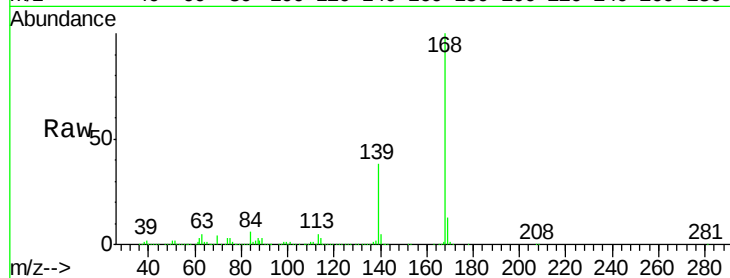
#55
Dibenzenofuran
Concen: 43.331 ng
RT: 14.86 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampled :
PB120300BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	13.3	10.6	15.8

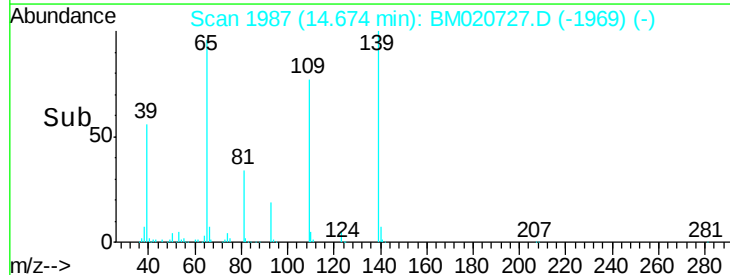
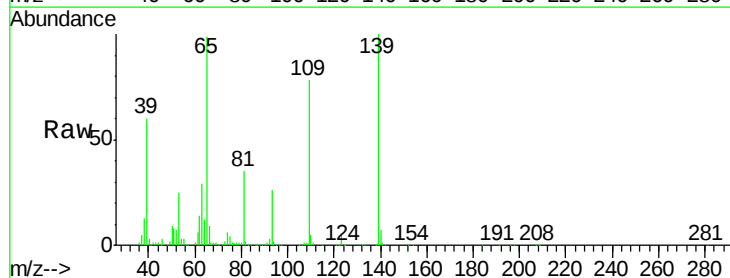
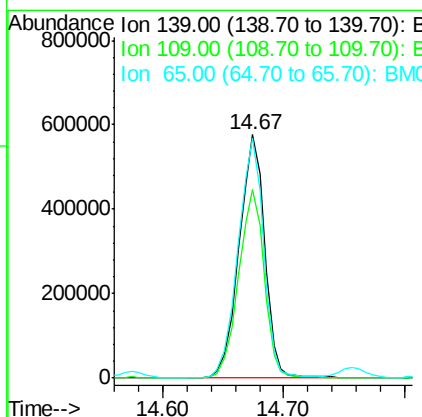
Manual Integrations
APPROVED

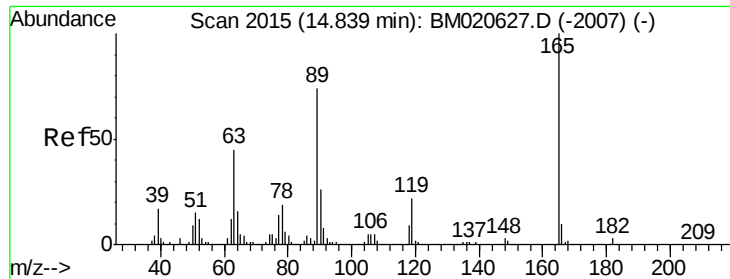
mohammad
6/6/2019 11:21:25 AM



#56
4-Nitrophenol
Concen: 80.820 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.6	58.0	98.0
65	98.7	78.3	118.3





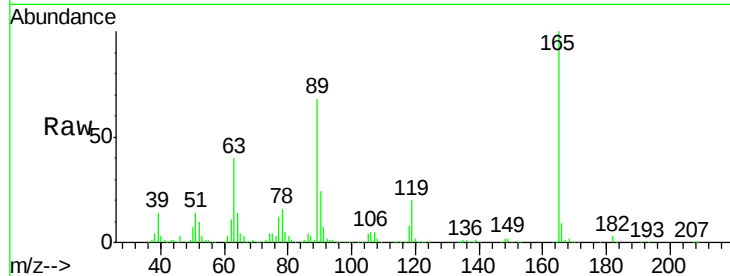
#57
2,4-Dinitrotoluene
Concen: 42.780 ng
RT: 14.83 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	737728		
63	40.3		32.8	49.2
89	68.2		55.9	83.9
182	3.1		2.4	3.6

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:25 AM

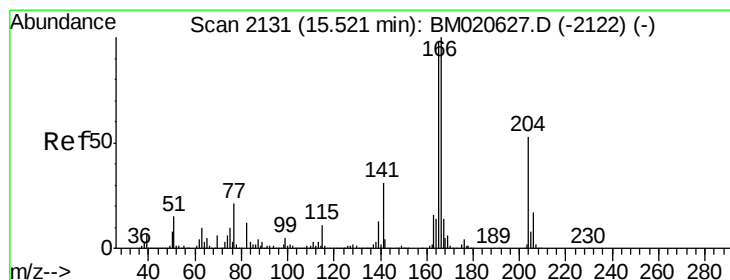
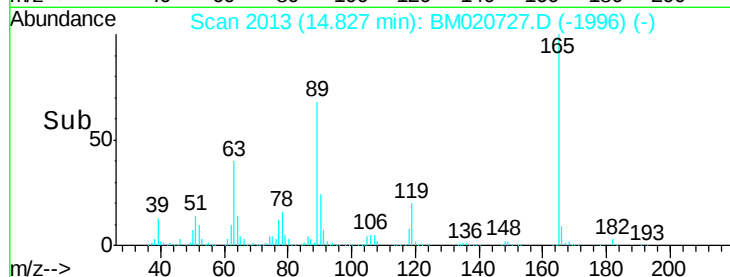
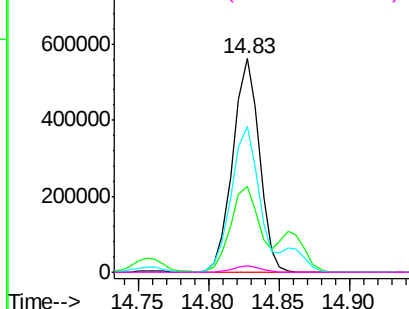


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



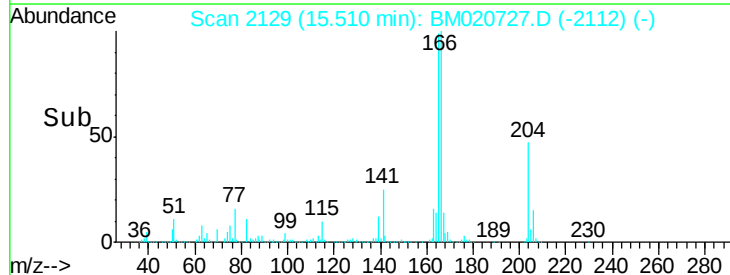
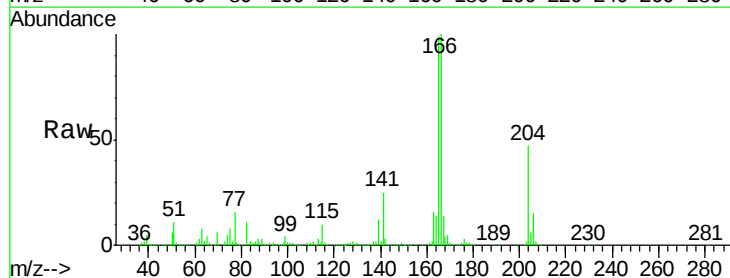
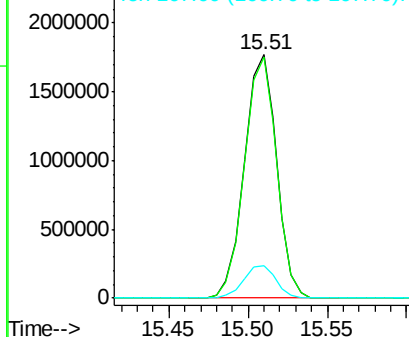
#58
Fluorene
Concen: 41.938 ng
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

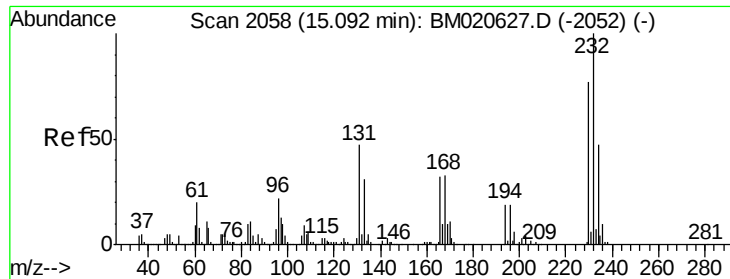
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2492459		
165	98.9		79.4	119.2
167	13.5		10.8	16.2

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





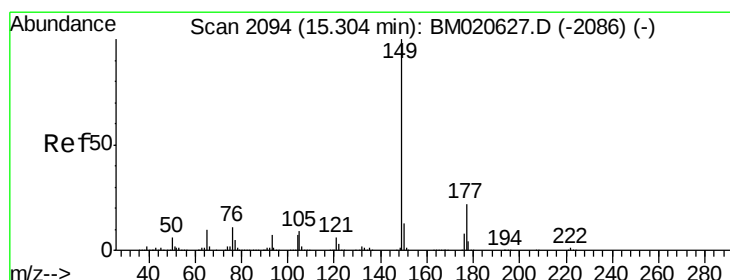
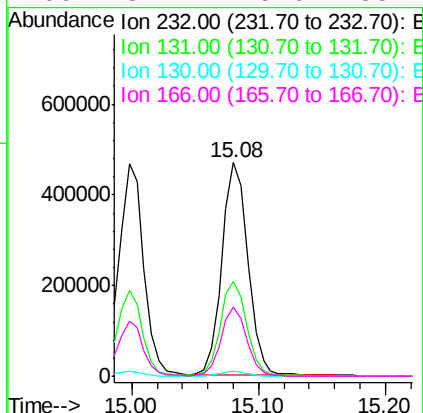
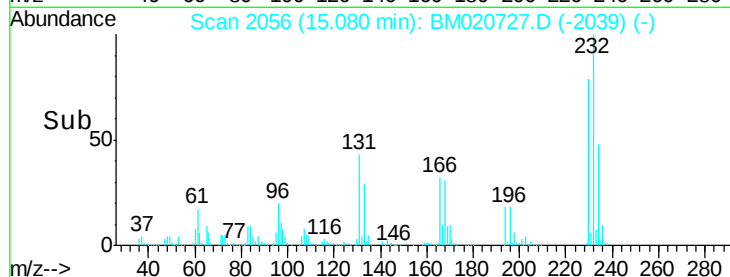
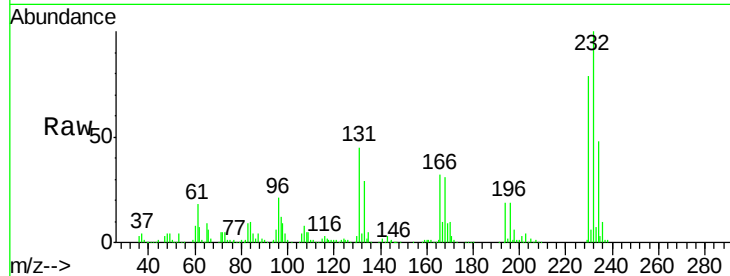
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.439 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion:	232	Resp:	668336
Ion Ratio	Lower	Upper	
232	100		
131	45.0	36.9	55.3
130	2.5	2.0	3.0
166	32.1	25.6	38.4

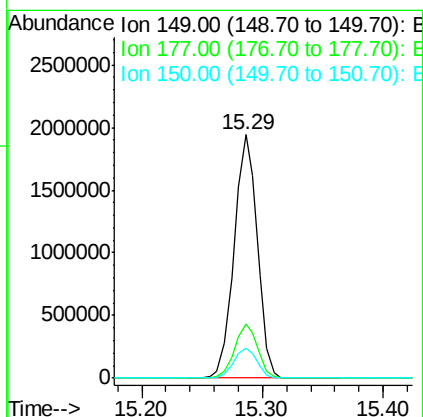
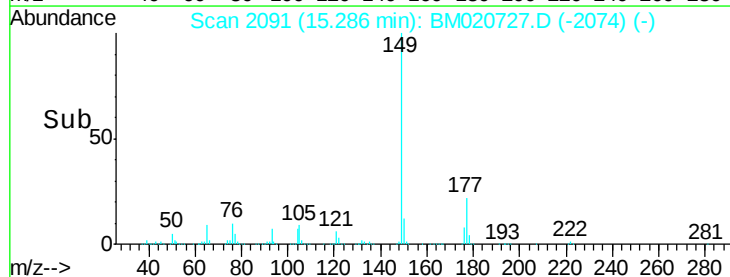
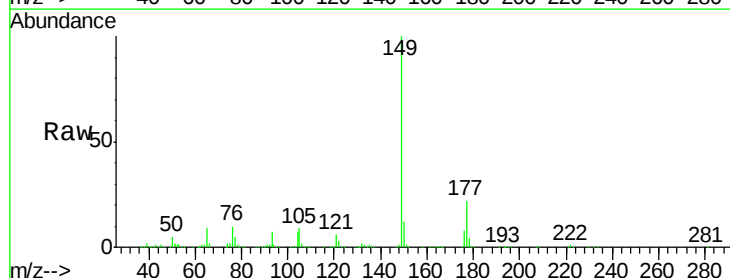
Manual Integrations
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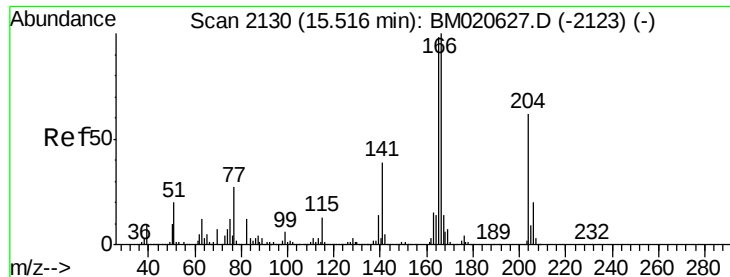
mohammad
 6/6/2019 11:21:25 AM



#60
 Diethylphthalate
 Concen: 39.616 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion:	149	Resp:	2591568
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.4	26.2
150	12.5	10.0	15.0





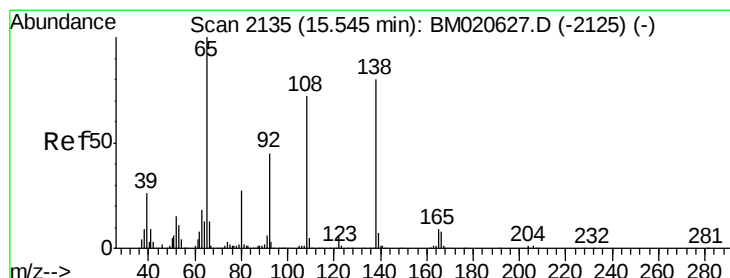
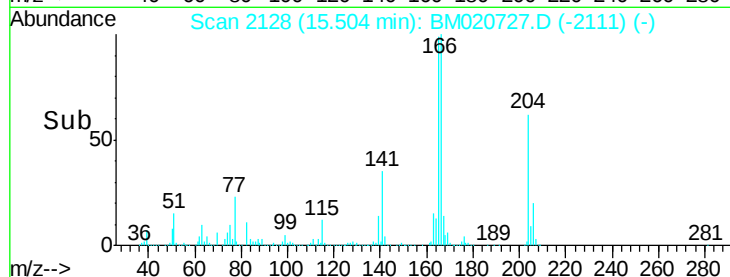
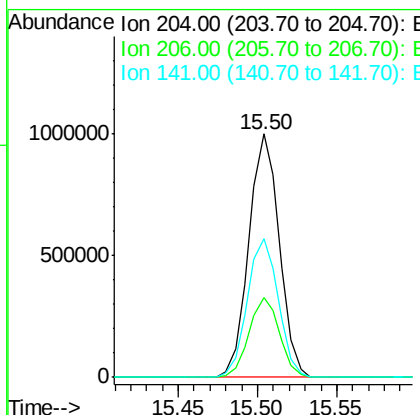
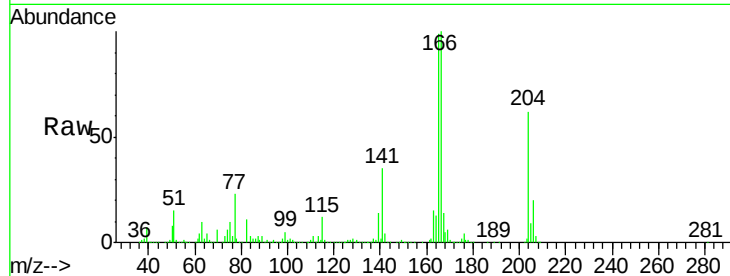
#61
4-Chlorophenyl-phenylether
Concen: 42.263 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion:204 Resp: 1329934
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 57.0 46.7 70.1

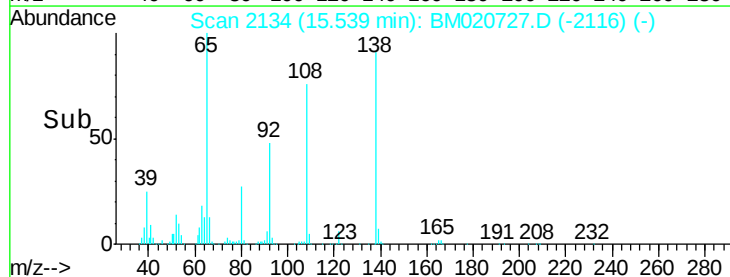
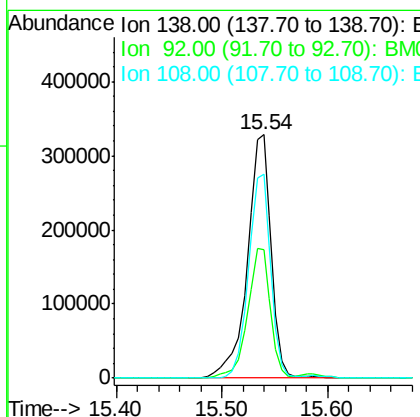
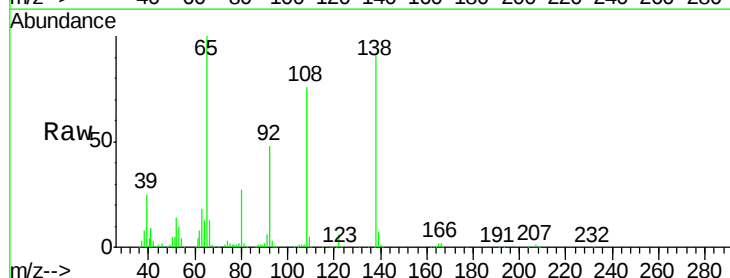
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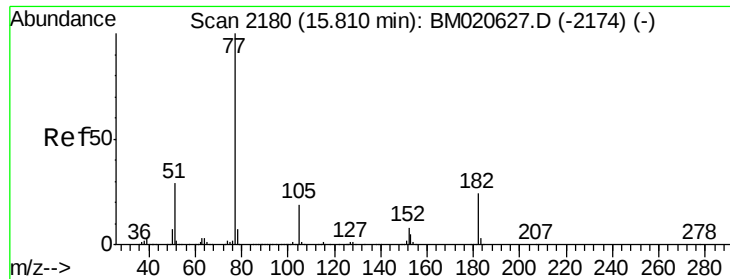
mohammad
6/6/2019 11:21:25 AM



#62
4-Nitroaniline
Concen: 33.926 ng
RT: 15.54 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:138 Resp: 517227
Ion Ratio Lower Upper
138 100
92 52.7 33.2 73.2
108 83.7 64.1 104.1





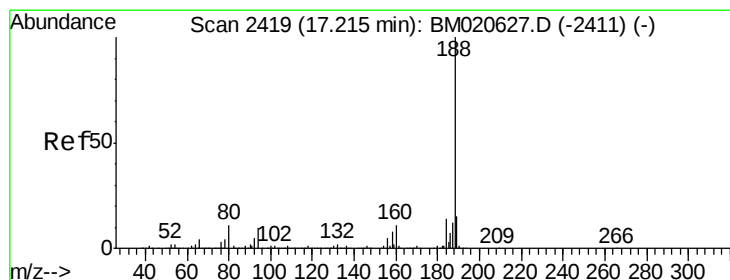
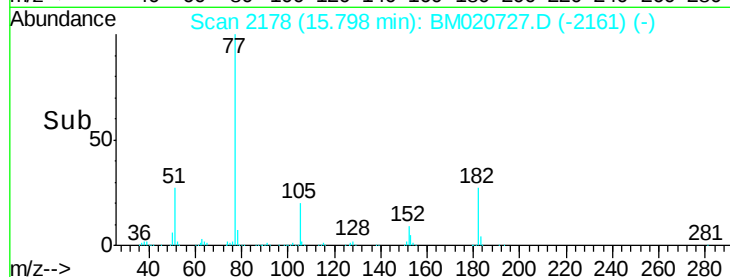
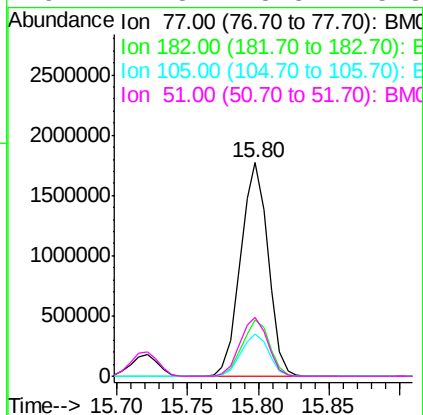
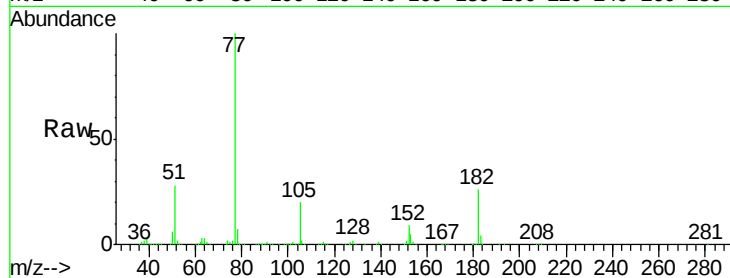
#63
Azobenzene
Concen: 38.312 ng
RT: 15.80 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	6.3	46.3	
105	20.1	0.4	40.4	
51	27.8	8.3	48.3	

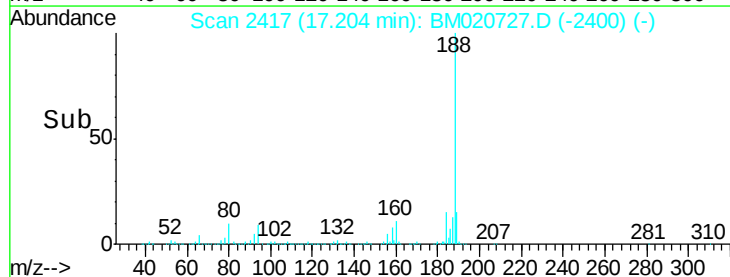
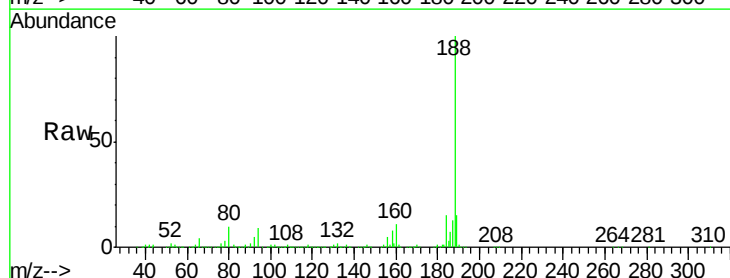
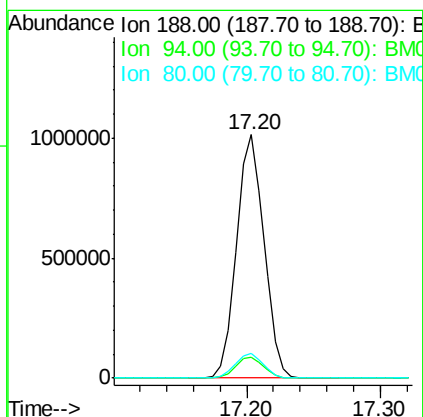
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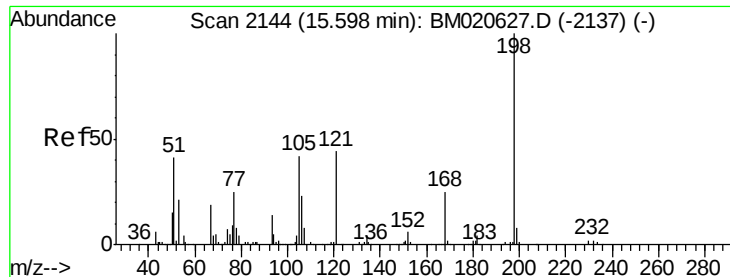
mohammad
6/6/2019 11:21:25 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.0	10.4	
80	9.9	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.774 ng

RT: 15.59 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:198 Resp: 281302

Ion Ratio Lower Upper

198 100

51 42.8 21.6 61.6

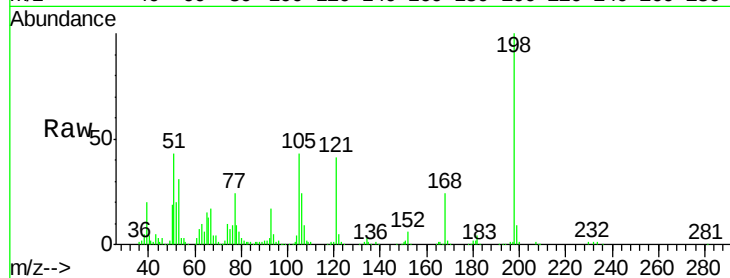
105 43.3 20.6 60.6

Manual Integrations

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

300000

200000

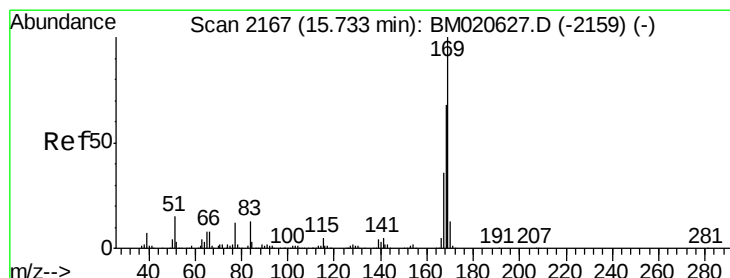
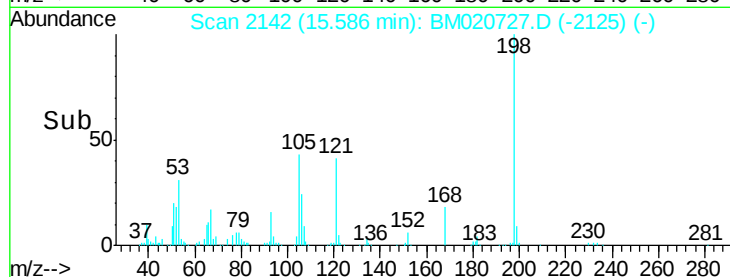
100000

0

15.50

15.59

Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.216 ng

RT: 15.72 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

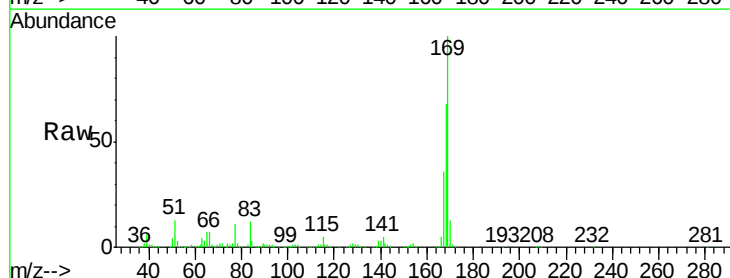
Tgt Ion:169 Resp: 2135909

Ion Ratio Lower Upper

169 100

168 67.7 54.7 82.1

167 35.8 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

2000000

1500000

1000000

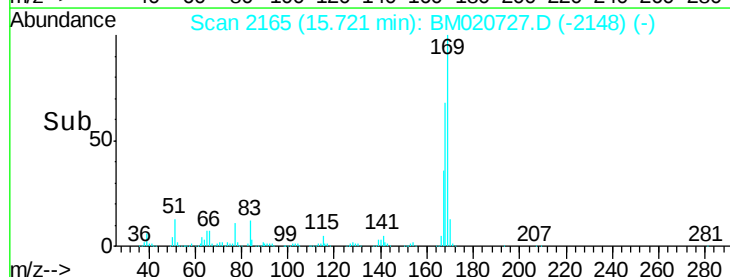
500000

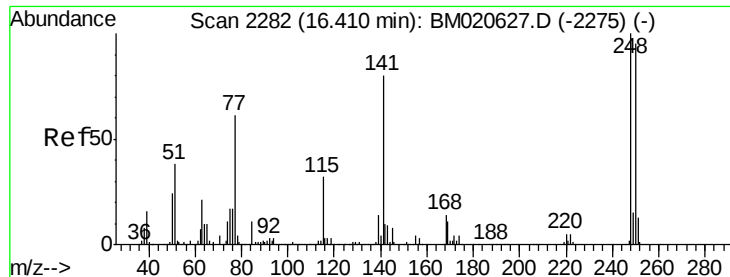
0

15.70

15.72

Time-->





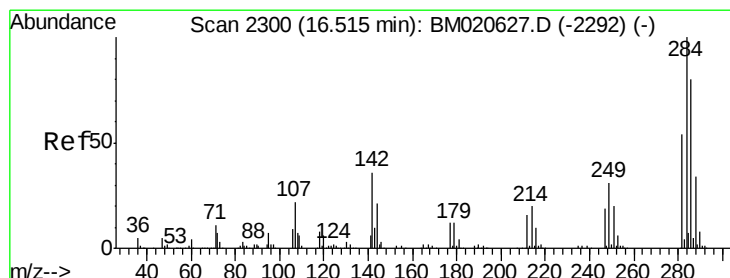
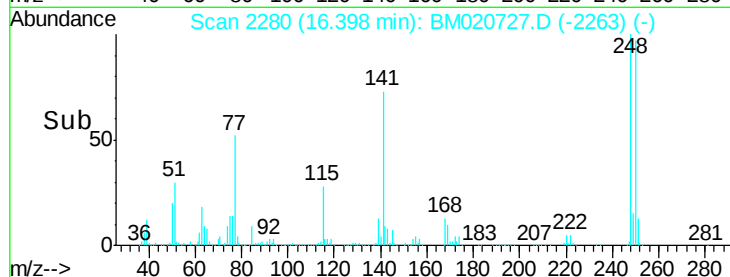
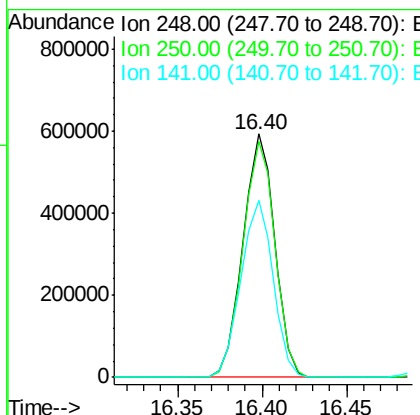
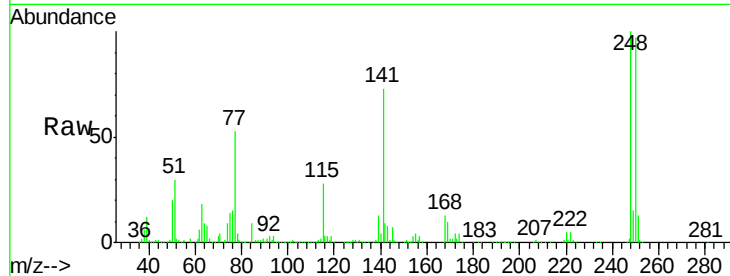
#67
4-Bromophenyl-phenylether
Concen: 45.872 ng
RT: 16.40 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.4	116.2
141	72.7	58.2	87.2

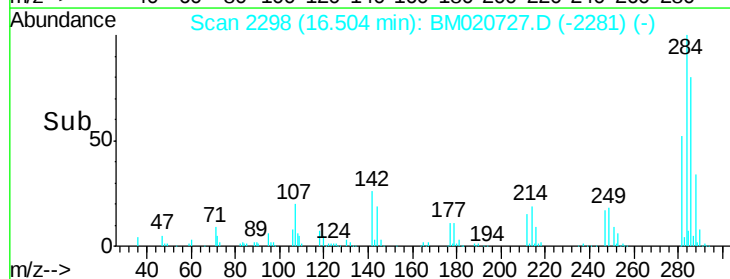
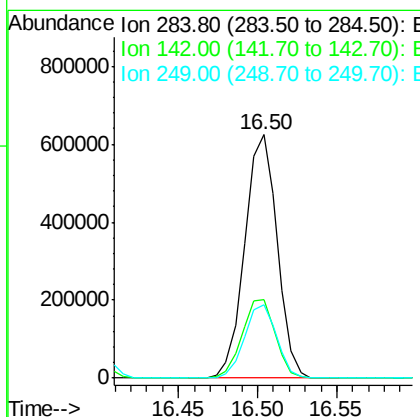
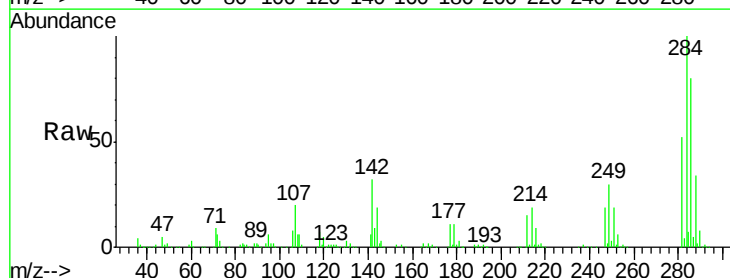
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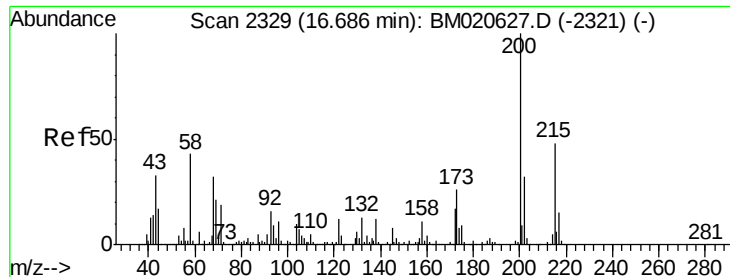
mohammad
6/6/2019 11:21:25 AM



#68
Hexachlorobenzene
Concen: 44.560 ng
RT: 16.50 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.4	38.0
249	30.2	24.9	37.3





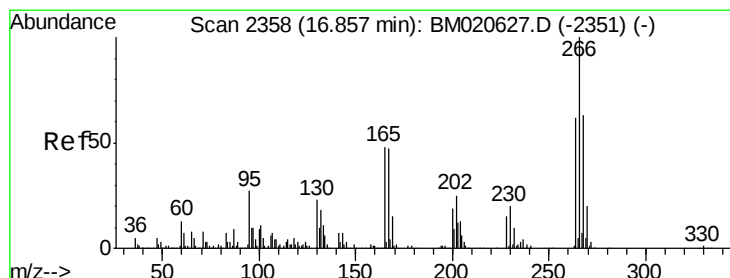
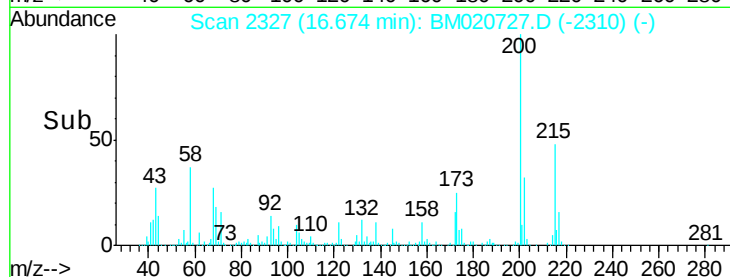
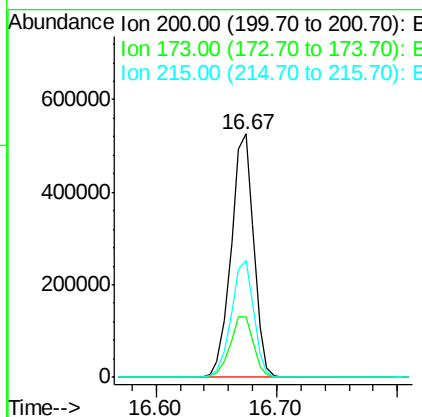
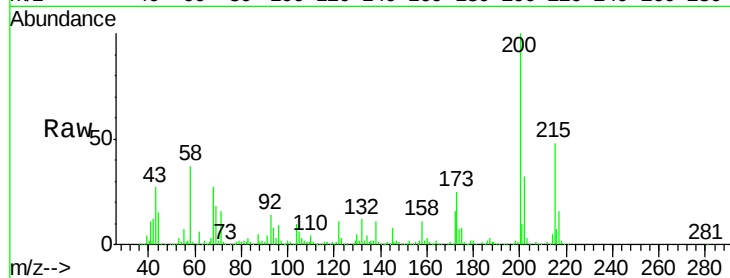
#69
Atrazine
Concen: 49.700 ng
RT: 16.67 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.7	45.7
215	48.0	28.2	68.2

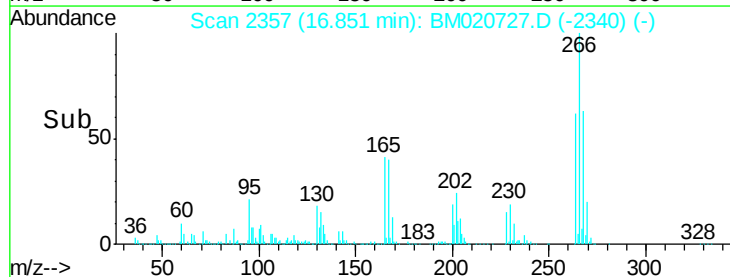
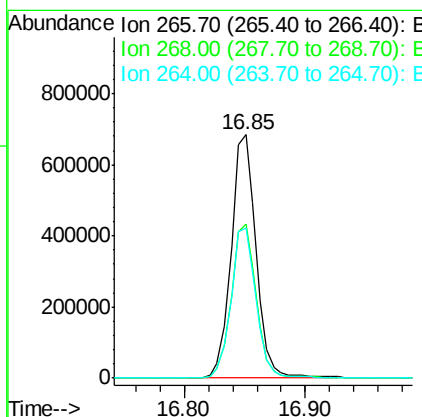
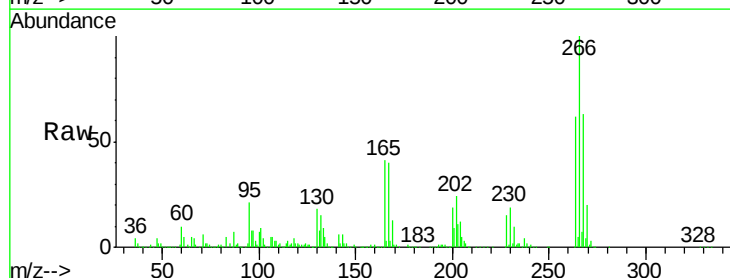
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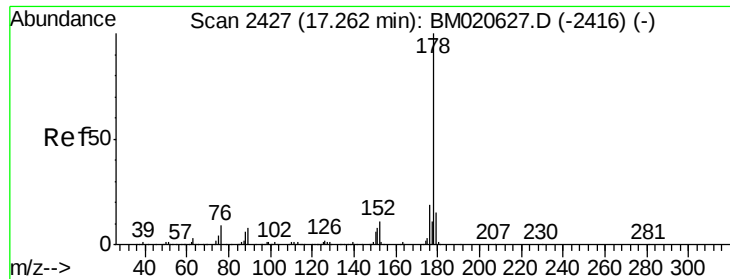
mohammad
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#70
Pentachlorophenol
Concen: 103.909 ng
RT: 16.85 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.0	76.4
264	61.7	49.9	74.9





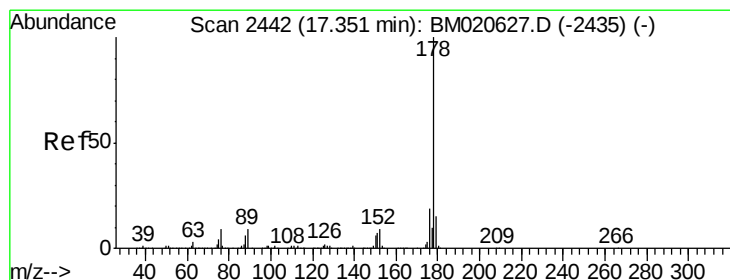
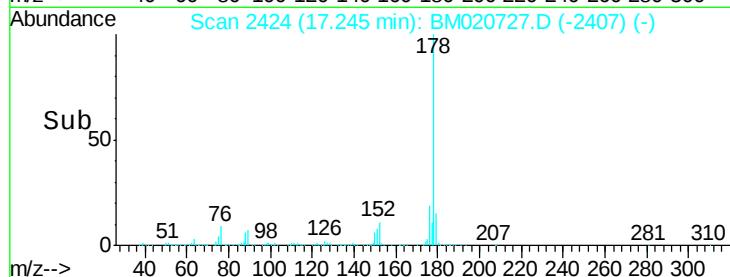
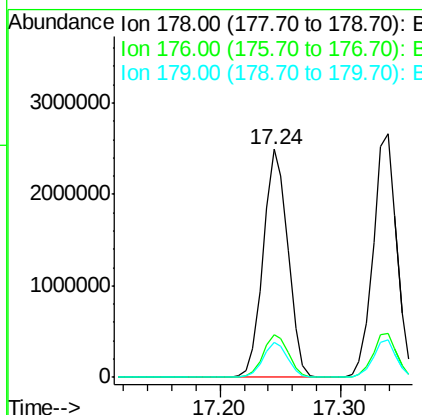
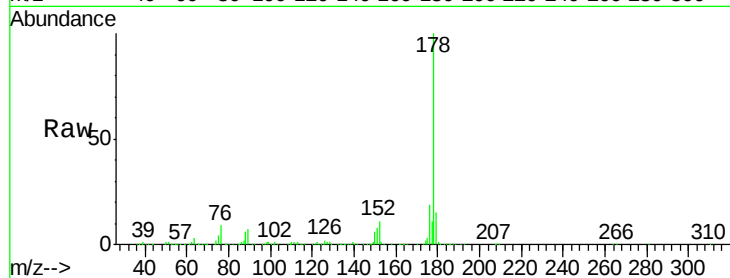
#71
Phenanthrene
Concen: 43.085 ng
RT: 17.24 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.3	18.5

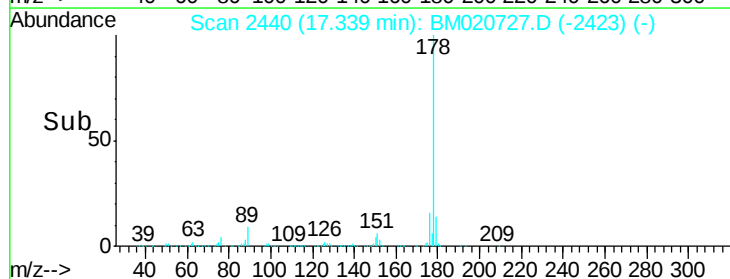
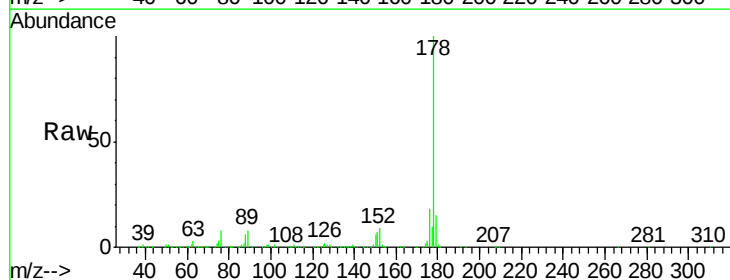
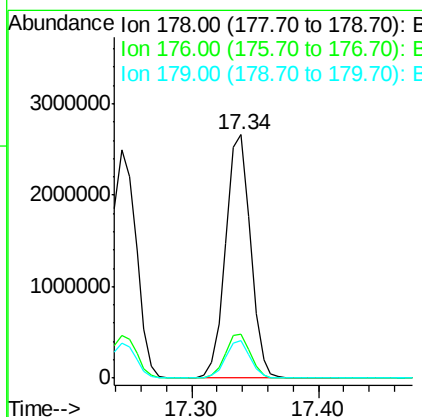
Manual Integrations
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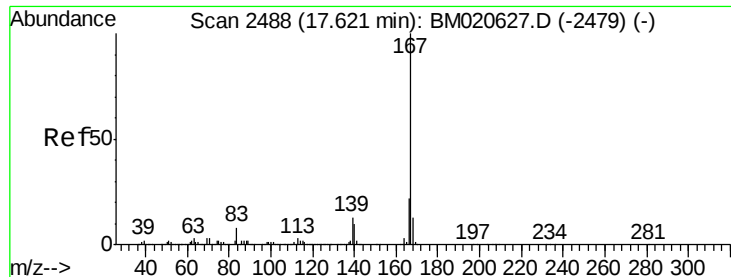
mohammad
6/6/2019 11:21:25 AM



#72
Anthracene
Concen: 43.891 ng
RT: 17.34 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.2	11.9	17.9





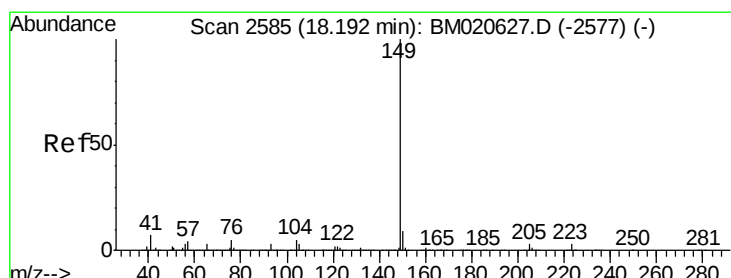
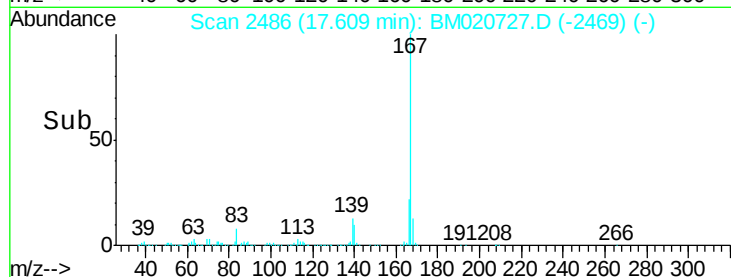
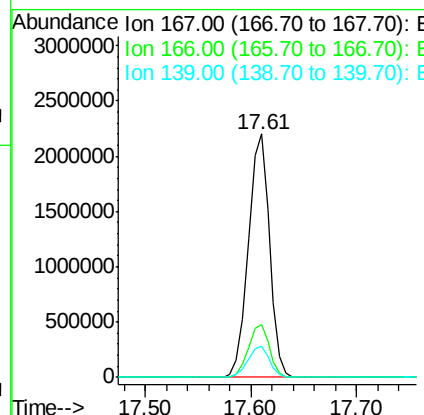
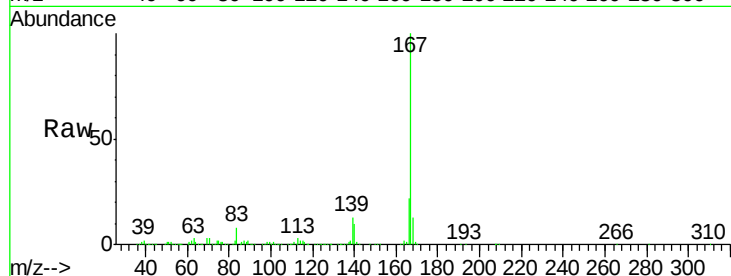
#73
 Carbazole
 Concen: 40.963 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.8	10.2	15.4

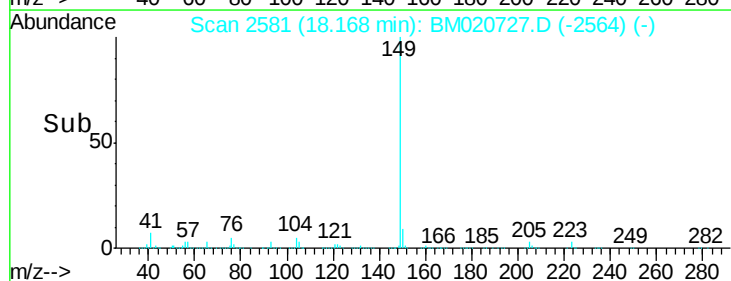
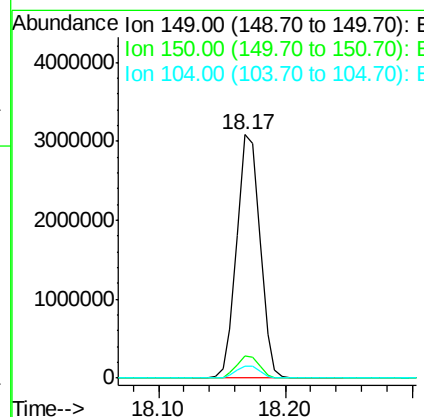
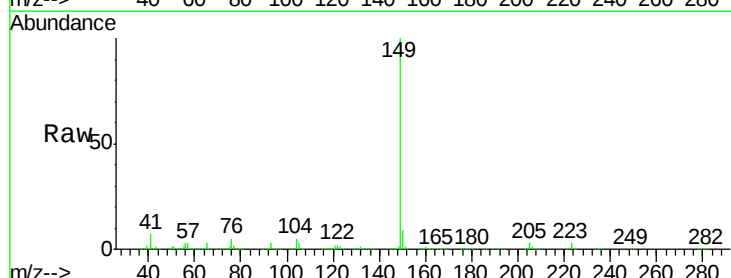
Manual Integrations
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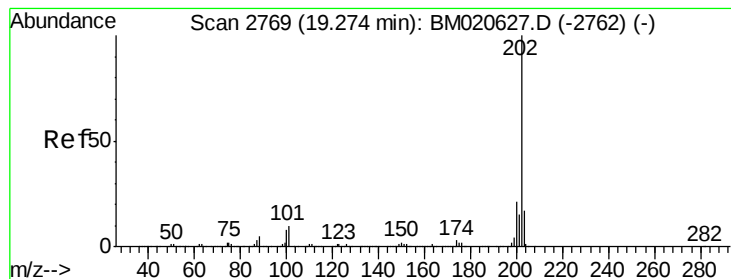
mohammad
 6/6/2019 11:21:25 AM



#74
 Di-n-butylphthalate
 Concen: 40.371 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 39.790 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

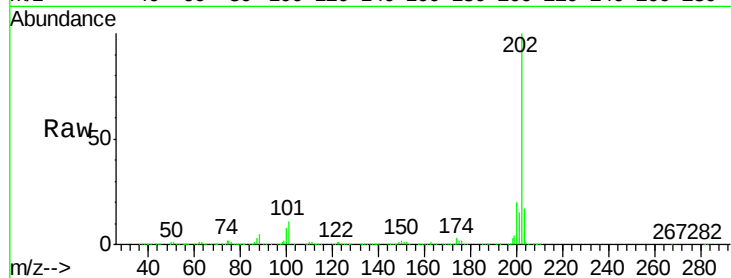
ClientSampleId :

PB120300BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.5
203	17.4	0.0	37.5

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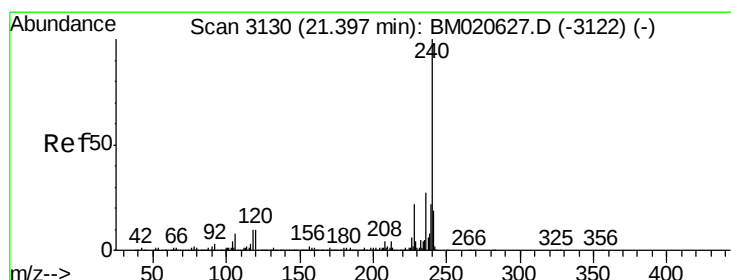
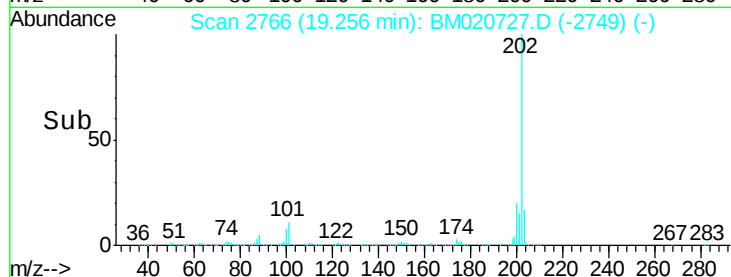
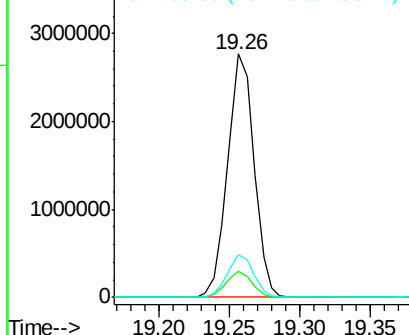
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BM020727.D

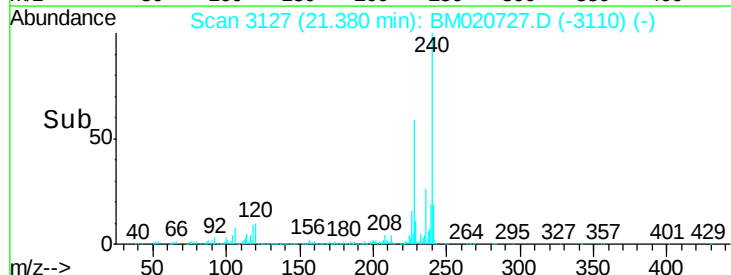
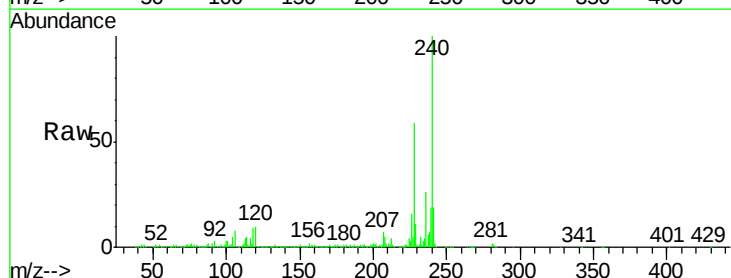
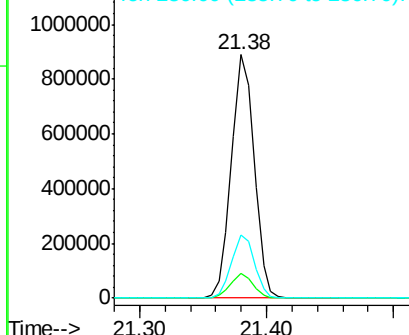
Acq: 05 Jun 2019 09:25

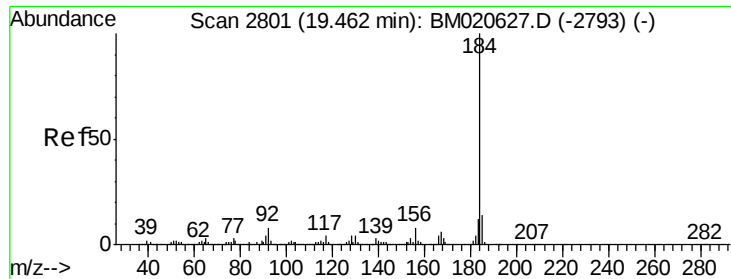
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.0	21.1	31.7

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: 44.065 ng

RT: 19.45 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:184 Resp: 1478220

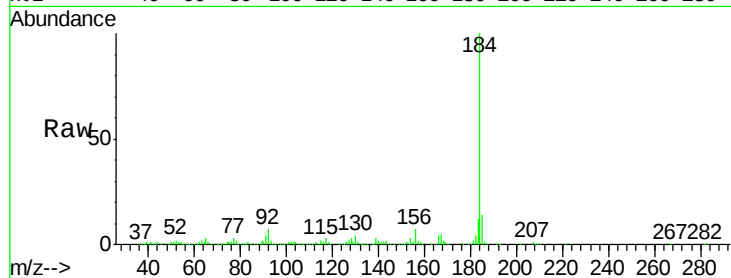
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	12.3	9.8	14.8

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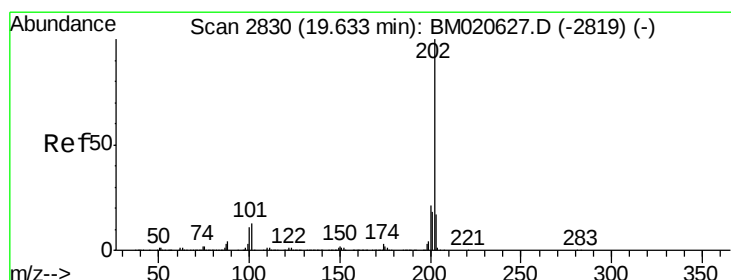
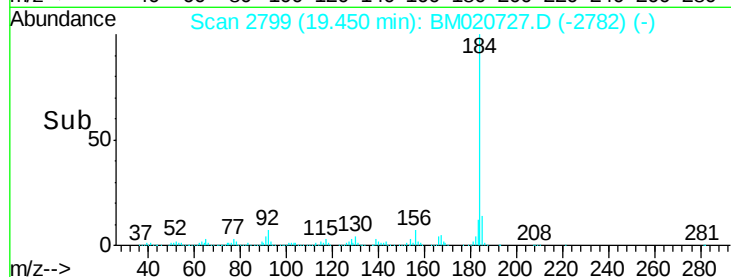
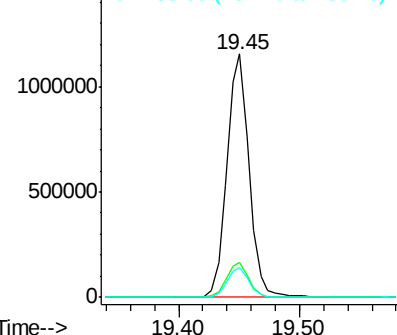


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.794 ng

RT: 19.62 min Scan# 2828

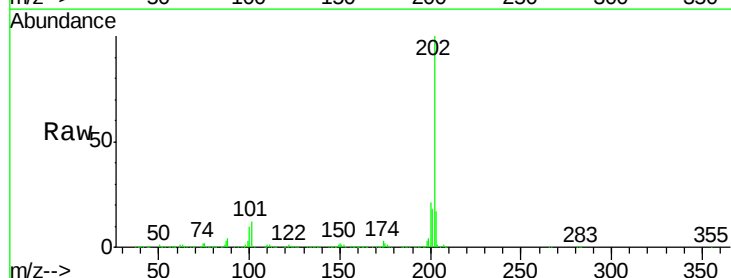
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:202 Resp: 3635643

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	17.4	14.1	21.1

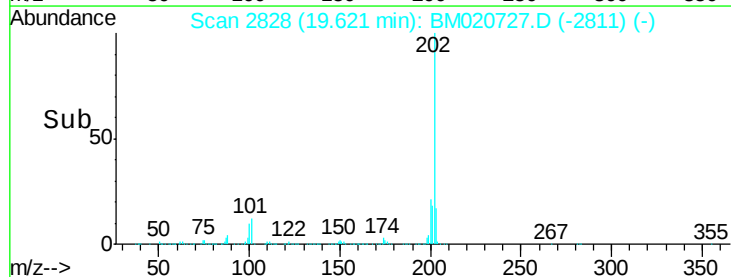
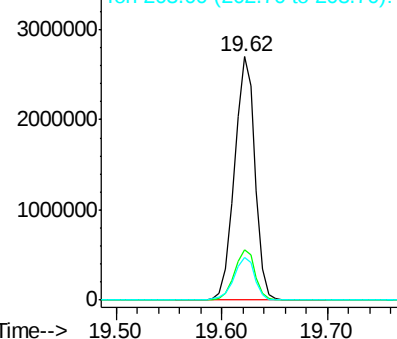


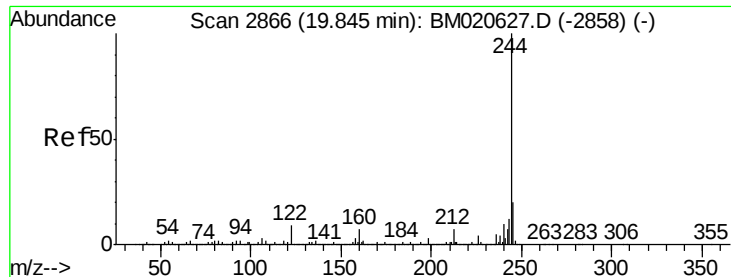
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





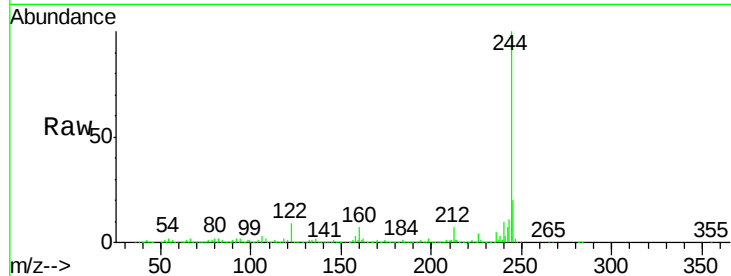
#79
 Terphenyl-d14
 Concen: 84.096 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

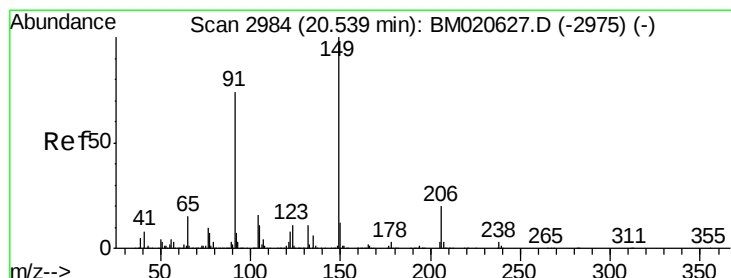
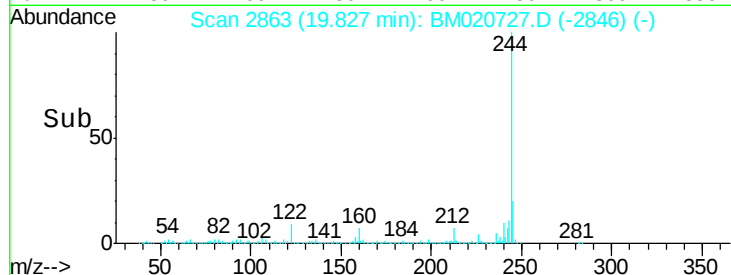
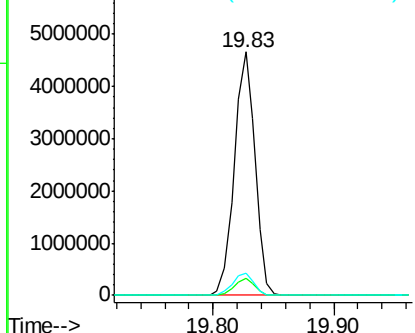
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.1	7.4	11.0

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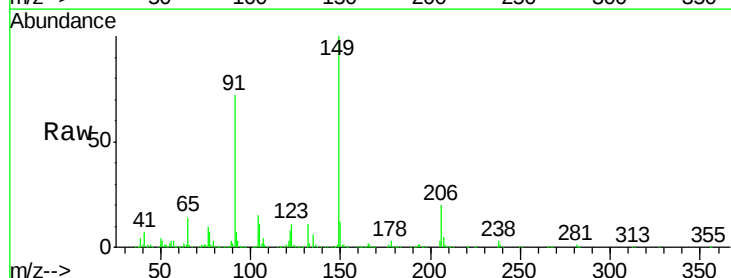


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

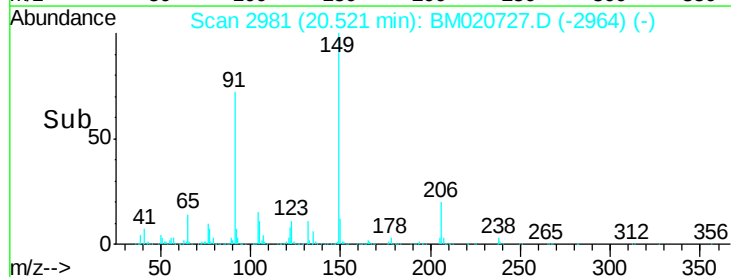
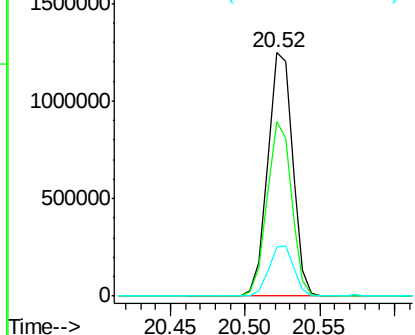


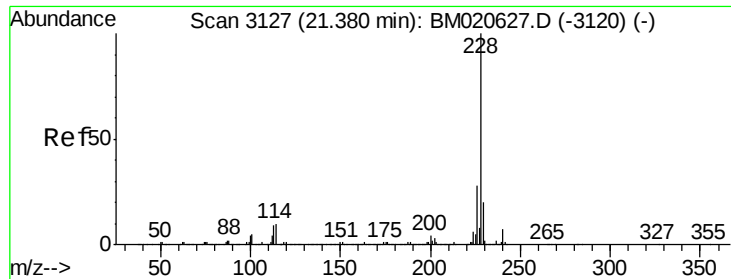
#80
 Butylbenzylphthalate
 Concen: 40.160 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.7	57.1	85.7
206	20.0	16.3	24.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): E
 Ion 206.00 (205.70 to 206.70): E





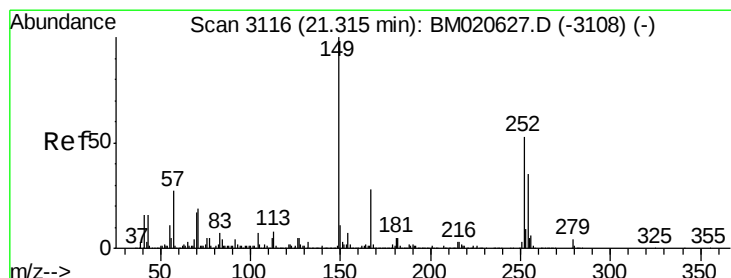
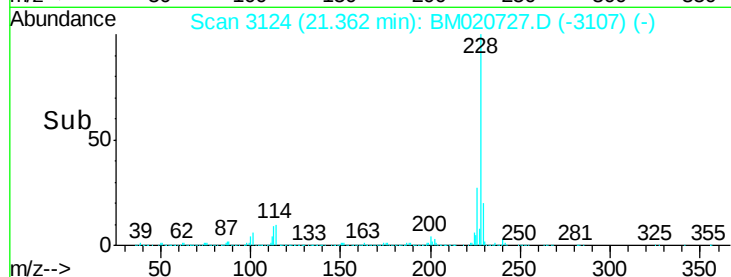
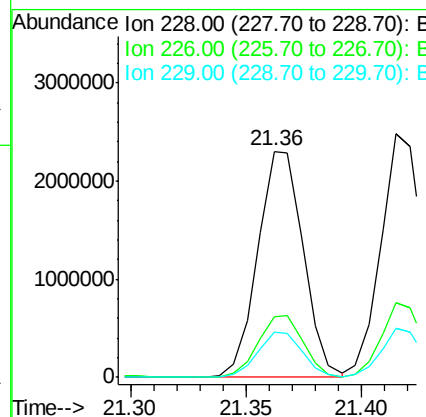
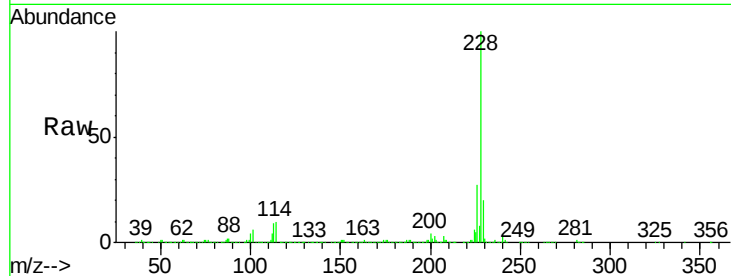
#81
Benzo(a)anthracene
Concen: 40.976 ng
RT: 21.36 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion:228 Resp: 3159117
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.0 15.9 23.9

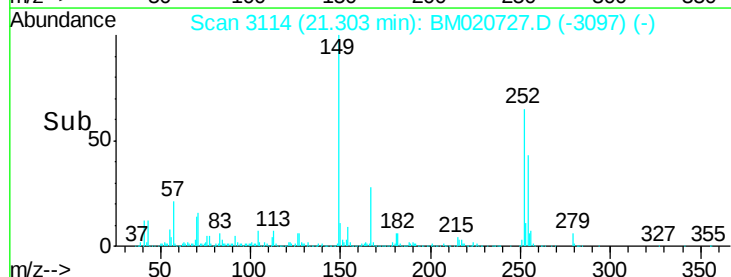
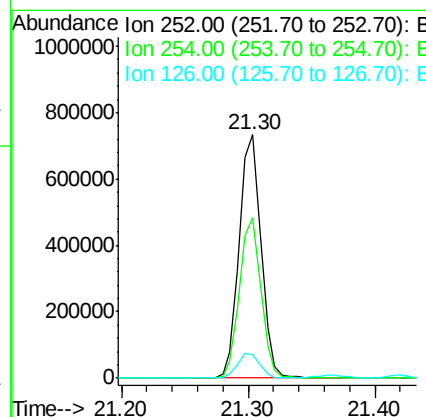
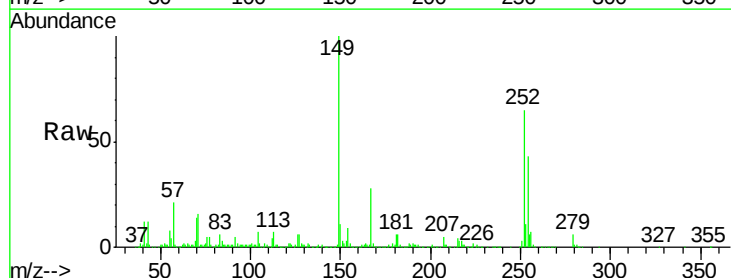
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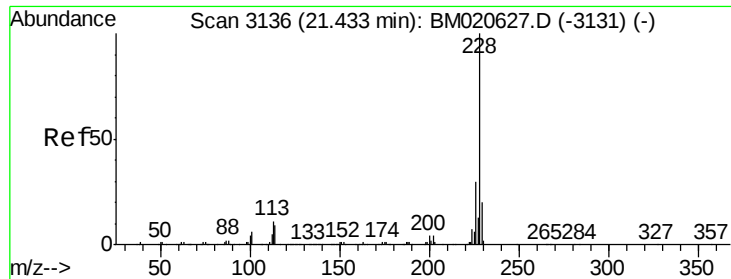
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#82
3,3'-Dichlorobenzidine
Concen: 30.716 ng
RT: 21.30 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:252 Resp: 867167
Ion Ratio Lower Upper
252 100
254 65.9 51.7 77.5
126 9.4 7.8 11.8





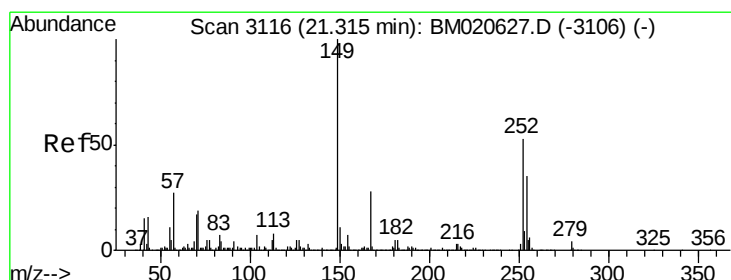
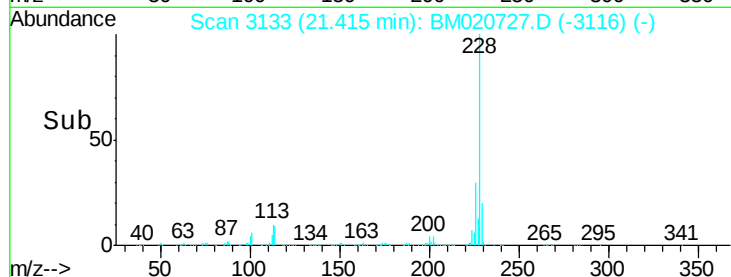
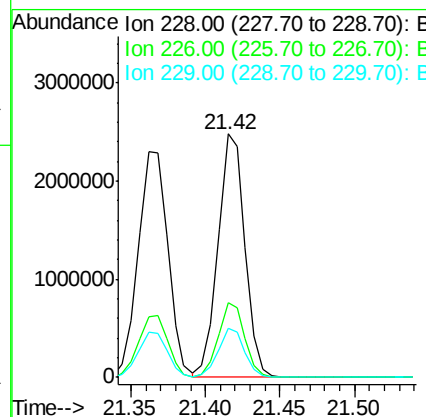
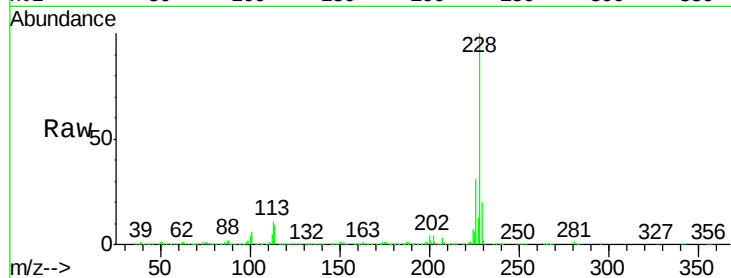
#83
 Chrysene
 Concen: 42.649 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.0	15.9	23.9

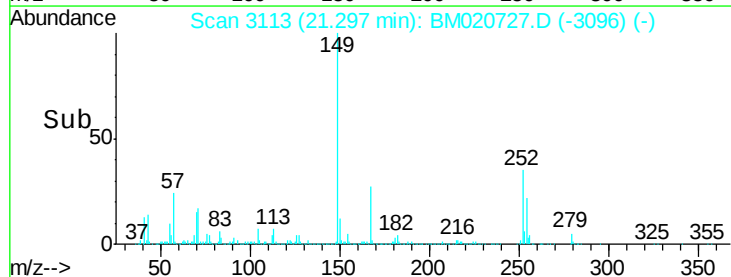
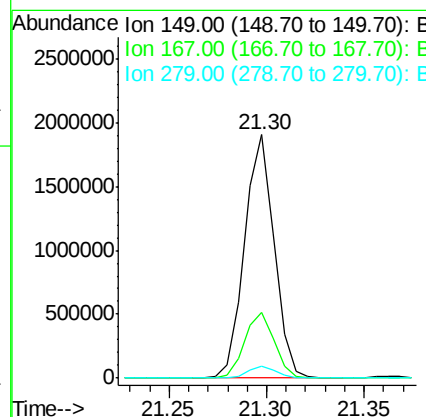
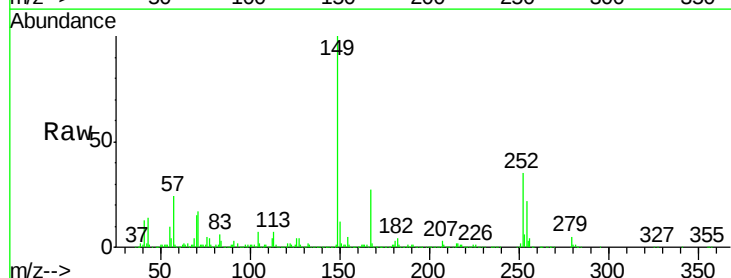
Manual Integrations
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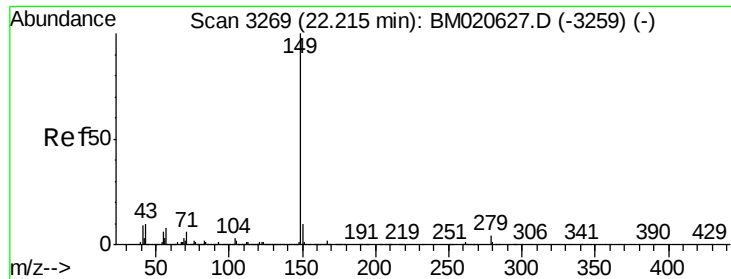
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.275 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.2
279	4.7	4.0	6.0





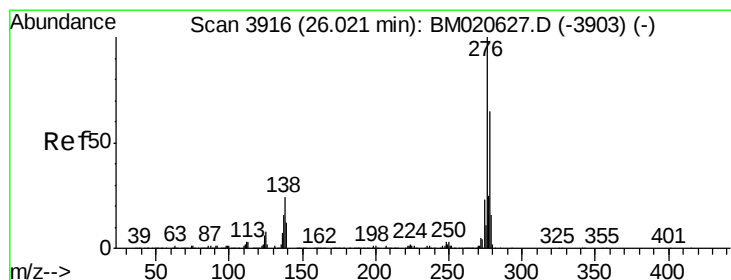
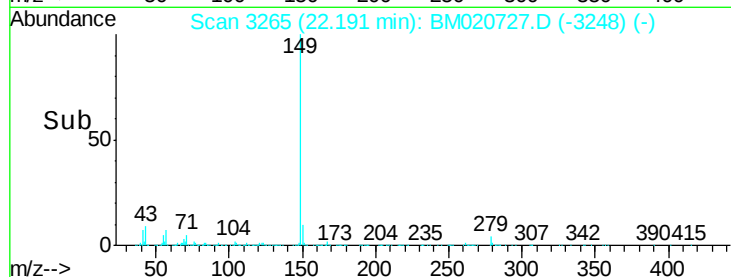
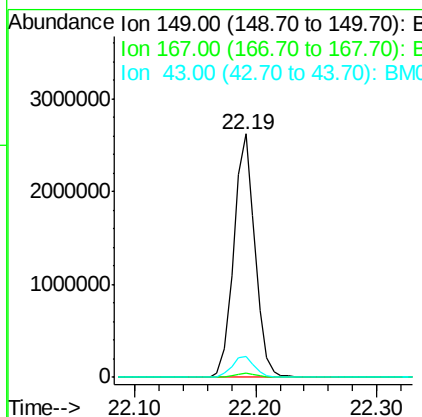
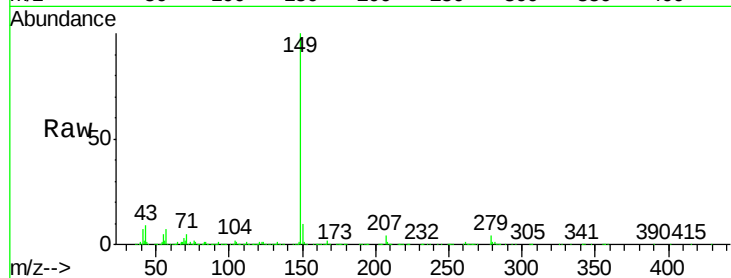
#85
Di-n-octyl phthalate
Concen: 38.583 ng
RT: 22.19 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.4	11.2

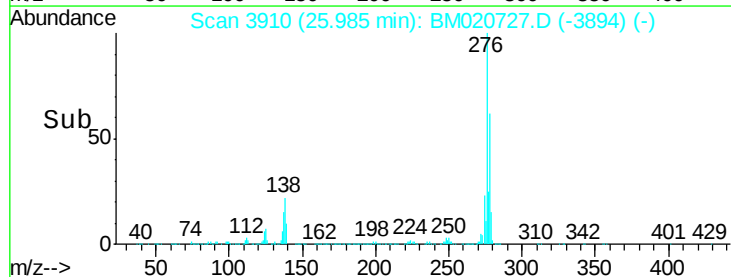
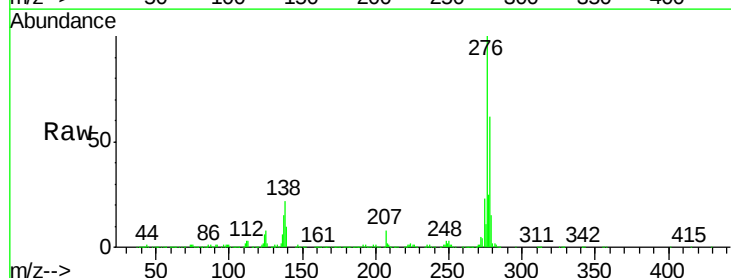
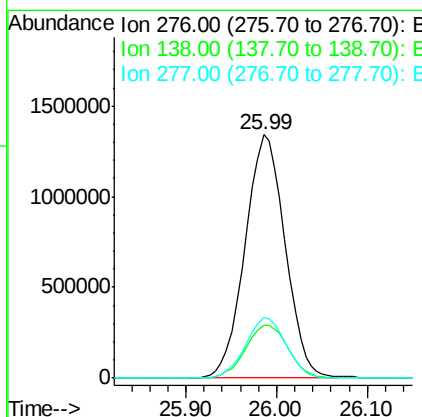
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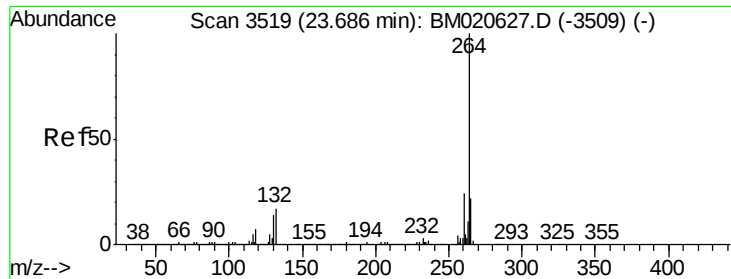
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.858 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.8	28.2
277	25.2	20.5	30.7





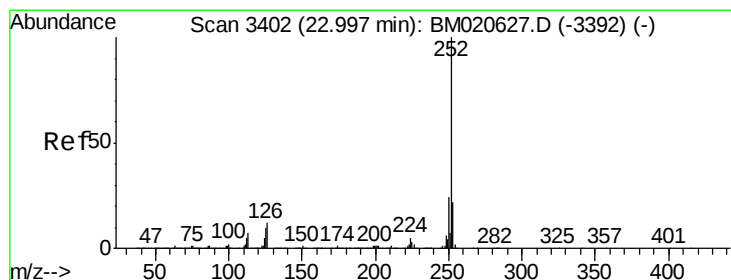
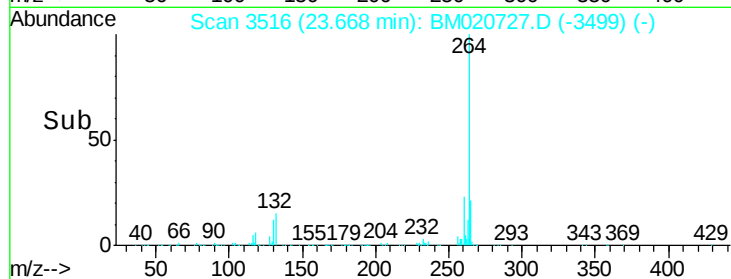
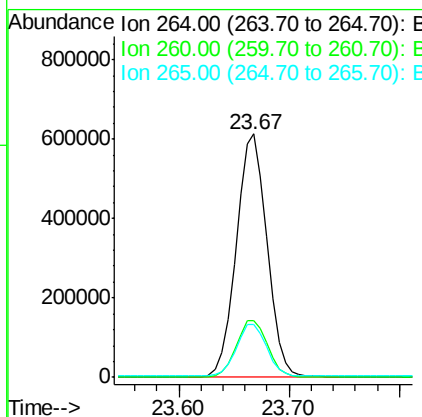
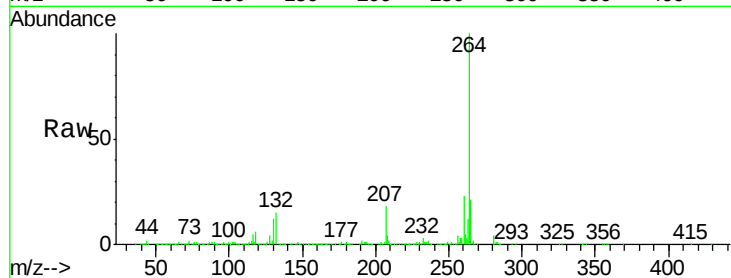
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.5	17.4	26.0

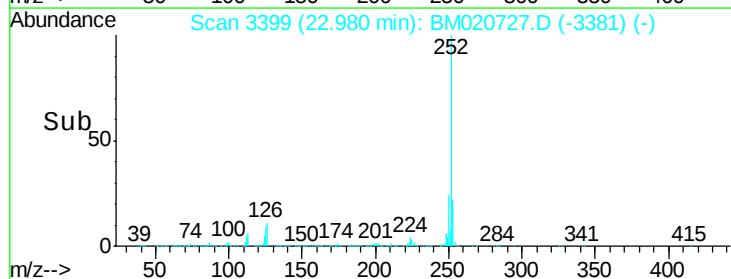
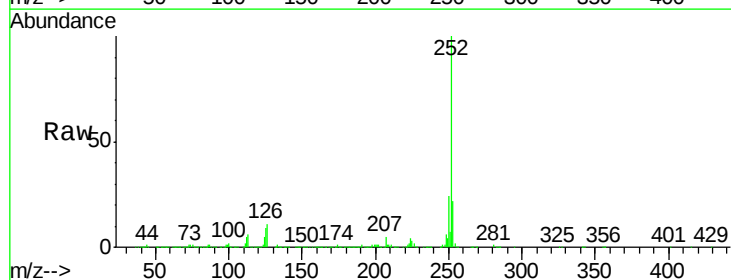
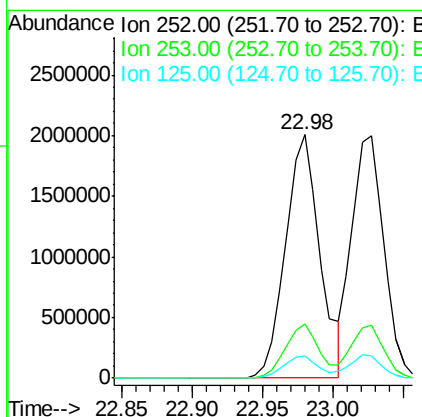
Manual Integrations
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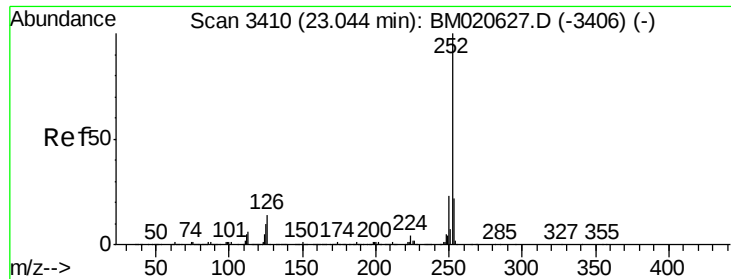
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.856 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.0	7.6	11.4





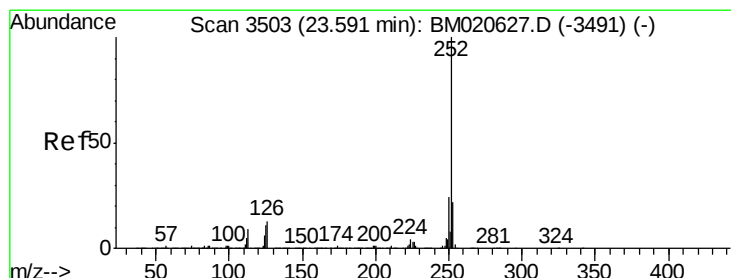
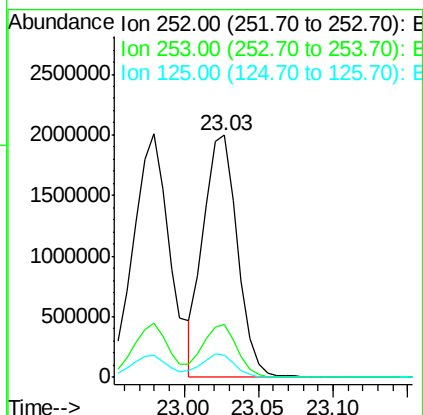
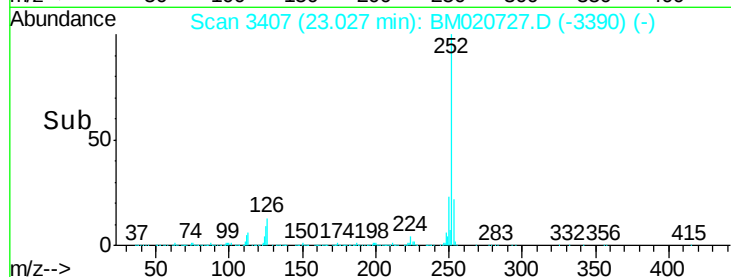
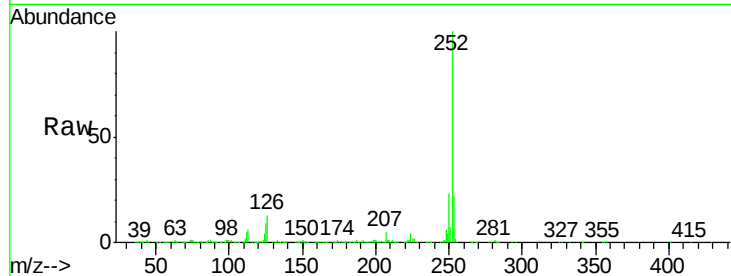
#89
Benzo(k)fluoranthene
Concen: 40.530 ng
RT: 23.03 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion:252 Resp: 3144790
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.0 7.2 10.8

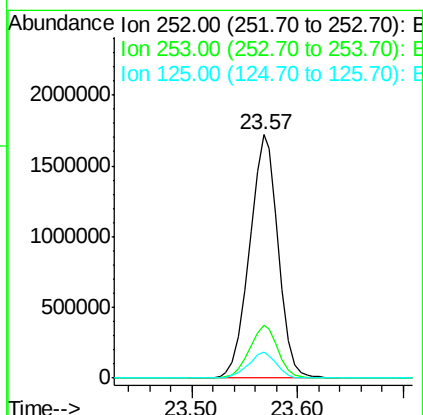
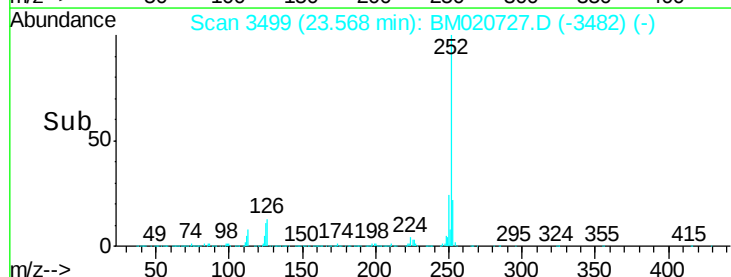
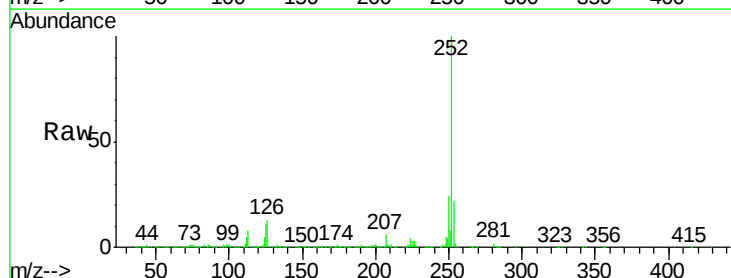
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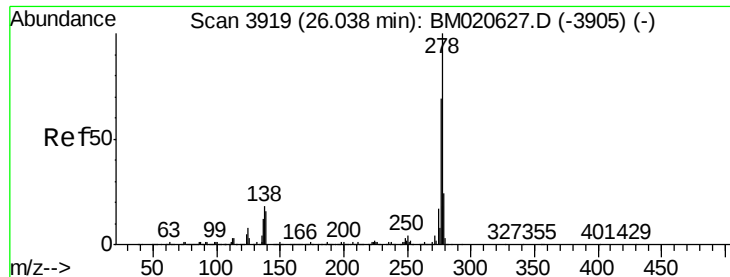
mohammad
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#90
Benzo(a)pyrene
Concen: 44.782 ng
RT: 23.57 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:252 Resp: 3225076
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.7 8.2 12.2





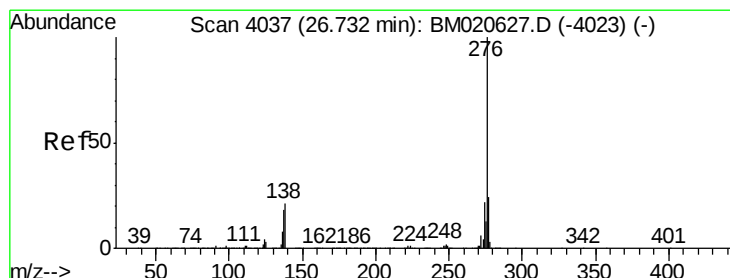
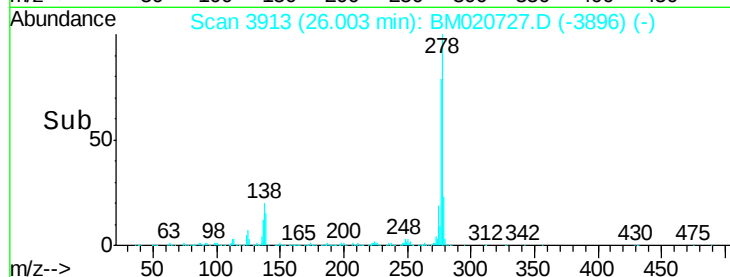
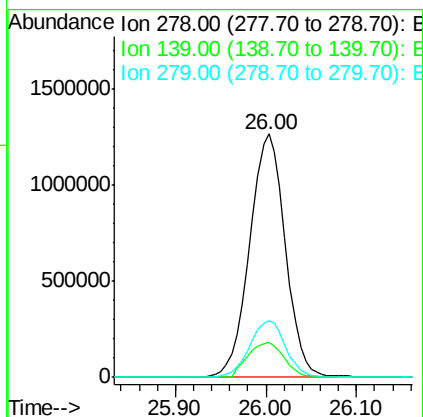
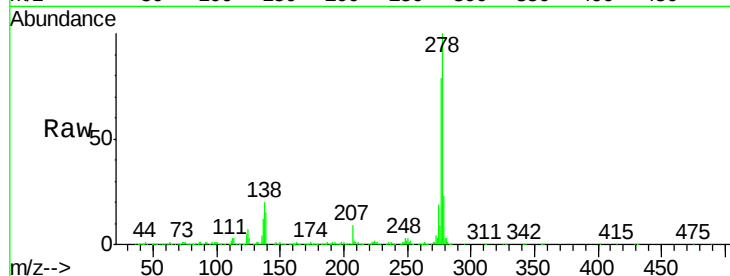
#91
Dibenzo(a,h)anthracene
Concen: 49.475 ng
RT: 26.00 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.8	17.6
279	23.3	18.3	27.5

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:25 AM



#92
Benzo(g,h,i)perylene
Concen: 51.545 ng
RT: 26.70 min Scan# 4031
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.5	16.2	24.4

