

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020676.D
 Acq On : 03 Jun 2019 18:17
 Operator : HP/JU
 Sample : PB120221BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:46:04 AM

Quant Time: Jun 04 06:38:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	348021	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1382294	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	730227	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1429920	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1197817	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1315992	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2683402	135.63	ng	0.00
7) Phenol-d6	7.00	99	3547286	121.77	ng	0.00
23) Nitrobenzene-d5	8.99	82	1915059	71.78	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1184646	130.94	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4177580	76.06	ng	0.00
79) Terphenyl-d14	19.83	244	4476554	62.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	255615	31.557	ng	99
3) Pyridine	3.74	79	715881	27.778	ng	99
4) n-Nitrosodimethylamine	3.66	42	330306	29.731	ng	97
6) Aniline	7.16	93	881552	20.914	ng	98
8) 2-Chlorophenol	7.39	128	795250	32.311	ng	99
9) Benzaldehyde	6.98	77	257505	11.415	ng	96
10) Phenol	7.02	94	968188	30.840	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	729915	29.174	ng	97
12) 1,3-Dichlorobenzene	7.72	146	840922	29.728	ng	99
13) 1,4-Dichlorobenzene	7.86	146	854318	29.709	ng	99
14) 1,2-Dichlorobenzene	8.18	146	814860	29.118	ng	99
15) Benzyl Alcohol	8.07	79	710375	27.564	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1039895	26.921	ng	99
17) 2-Methylphenol	8.26	107	642242	29.092	ng	99
18) Hexachloroethane	8.90	117	315136	28.623	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	610452	26.068	ng	98
20) 3+4-Methylphenols	8.59	107	845911	28.164	ng	99
22) Acetophenone	8.65	105	1123994	32.009	ng	# 96
24) Nitrobenzene	9.03	77	883582	32.442	ng	98
25) Isophorone	9.55	82	1573784	29.655	ng	100
26) 2-Nitrophenol	9.73	139	353563	34.832	ng	97
27) 2,4-Dimethylphenol	9.79	122	691482	36.354	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	974612	30.373	ng	99
29) 2,4-Dichlorophenol	10.26	162	690582	32.816	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	775388	32.044	ng	99
31) Naphthalene	10.67	128	2298959	32.342	ng	99
32) Benzoic acid	9.92	122	342253	30.664	ng	97
33) 4-Chloroaniline	10.78	127	403780	12.206	ng	99
34) Hexachlorobutadiene	10.95	225	449600	30.967	ng	99
35) Caprolactam	11.56	113	192882m	26.383	ng	
36) 4-Chloro-3-methylphenol	11.90	107	726237	29.682	ng	99
37) 2-Methylnaphthalene	12.28	142	1649550	31.308	ng	99
38) 1-Methylnaphthalene	12.50	142	1555608	31.008	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	818077	34.186	ng	99

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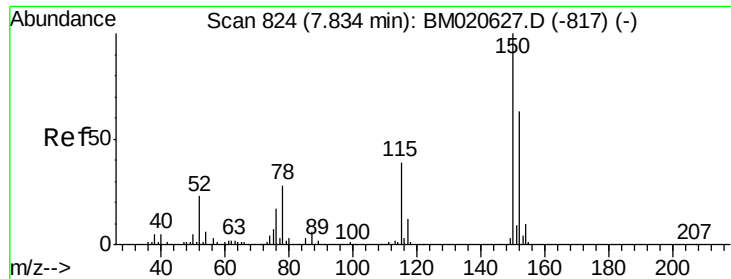
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	975179	68.137	nq	100
43) 2,4,6-Trichlorophenol	12.89	196	512709	33.285	nq	100
44) 2,4,5-Trichlorophenol	12.96	196	544186	34.220	nq	98
46) 1,1'-Biphenyl	13.30	154	2049666	33.609	nq	99
47) 2-Chloronaphthalene	13.34	162	1572688	31.951	nq	99
48) 2-Nitroaniline	13.55	65	445836	28.859	nq	96
49) Acenaphthylene	14.19	152	2463814	32.081	nq	100
50) Dimethylphthalate	13.93	163	1870054	29.975	nq	100
51) 2,6-Dinitrotoluene	14.05	165	396014	31.262	nq	93
52) Acenaphthene	14.53	154	1435049	31.355	nq	99
53) 3-Nitroaniline	14.37	138	236078	16.697	nq	98
54) 2,4-Dinitrophenol	14.58	184	309304	58.865	nq	94
55) Dibenzofuran	14.86	168	2223168	31.275	nq	99
56) 4-Nitrophenol	14.67	139	631586	60.617	nq	97
57) 2,4-Dinitrotoluene	14.83	165	521876	30.768	nq	100
58) Fluorene	15.51	166	1770196	30.282	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	446529	32.224	nq	100
60) Diethylphthalate	15.29	149	1871425	29.085	nq	99
61) 4-Chlorophenyl-phenylether	15.51	204	913965	29.529	nq	98
62) 4-Nitroaniline	15.54	138	381302	25.428	nq	95
63) Azobenzene	15.80	77	1808553	29.319	nq	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	189684	32.608	nq	97
66) n-Nitrosodiphenylamine	15.73	169	1523035	33.272	nq	100
67) 4-Bromophenyl-phenylether	16.40	248	538055	31.959	nq	97
68) Hexachlorobenzene	16.51	284	607574	30.905	nq	97
69) Atrazine	16.67	200	483203	35.369	nq	99
70) Pentachlorophenol	16.85	266	665579	70.967	nq	99
71) Phenanthrene	17.25	178	2541801	31.360	nq	100
72) Anthracene	17.34	178	2602170	32.077	nq	99
73) Carbazole	17.62	167	2248666	30.546	nq	99
74) Di-n-butylphthalate	18.18	149	2927542	30.634	nq	100
75) Fluoranthene	19.26	202	2691331	29.858	nq	99
77) Benzidine	19.46	184	1109929	30.581	nq	100
78) Pyrene	19.63	202	2725533	29.652	nq	100
80) Butylbenzylphthalate	20.53	149	1164404	29.976	nq	97
81) Benzo(a)anthracene	21.37	228	2469788	29.609	nq	100
82) 3,3'-Dichlorobenzidine	21.30	252	771881	25.270	nq	99
83) Chrysene	21.42	228	2448820	30.884	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1721105	30.485	nq	98
85) Di-n-octyl phthalate	22.20	149	2795503	31.189	nq	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3181183	39.217	nq	100
88) Benzo(b)fluoranthene	22.99	252	2689530	30.921	nq	100
89) Benzo(k)fluoranthene	23.03	252	2498920	29.399	nq	99
90) Benzo(a)pyrene	23.57	252	2544556	32.253	nq	99
91) Dibenzo(a,h)anthracene	26.01	278	2680306	35.018	nq	99
92) Benzo(g,h,i)perylene	26.71	276	2611263	36.729	nq	99

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



#1

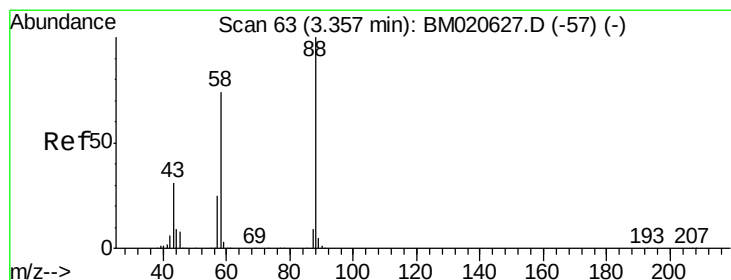
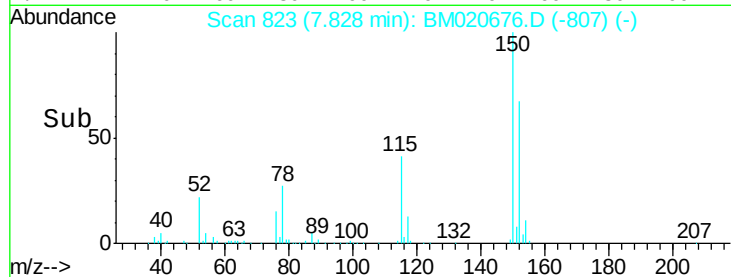
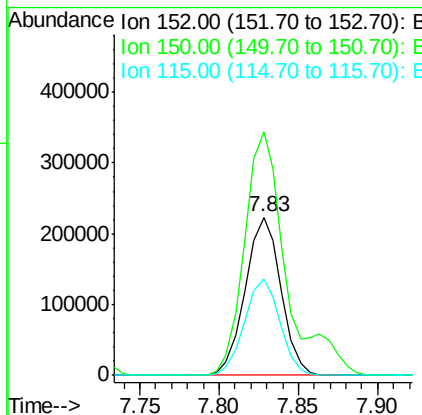
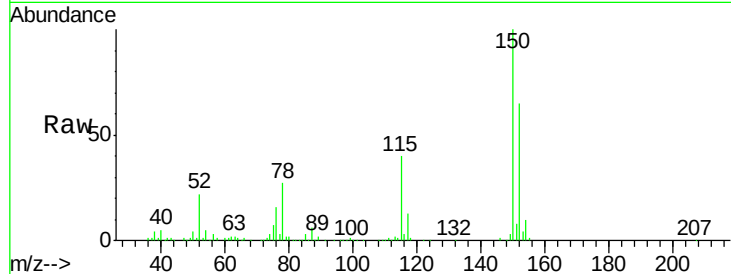
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.0	189.0
115	61.1	49.6	74.4

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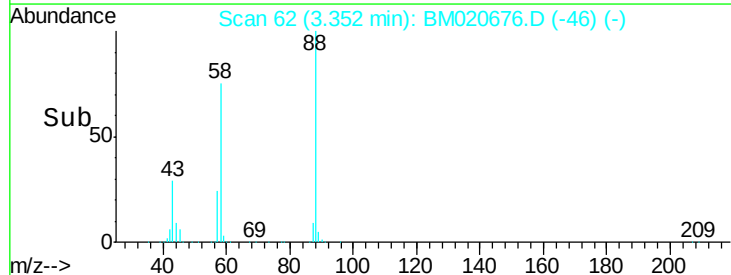
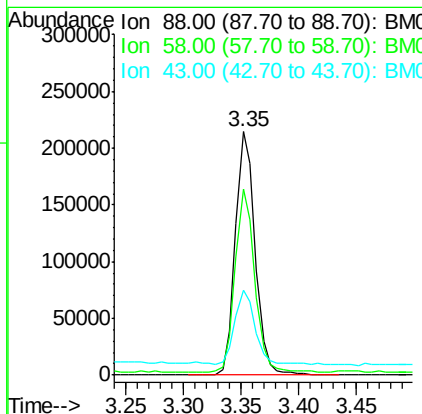
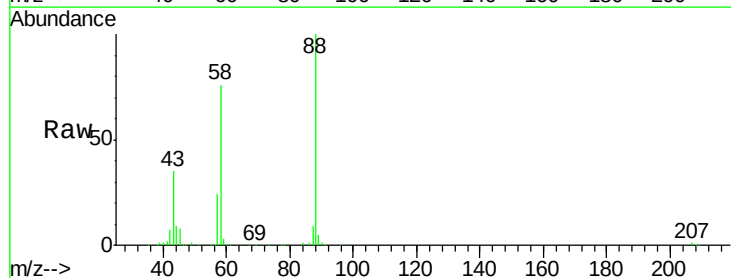
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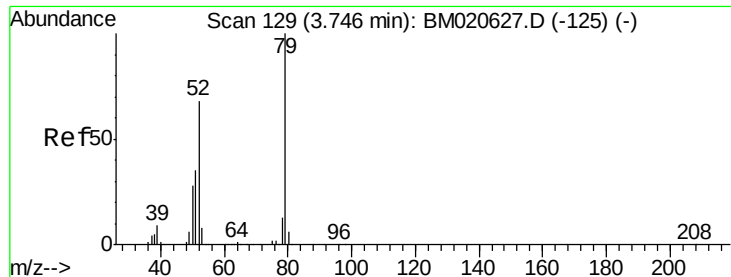


#2

1,4-Dioxane
Concen: 31.557 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	60.2	90.4
43	31.2	25.3	37.9





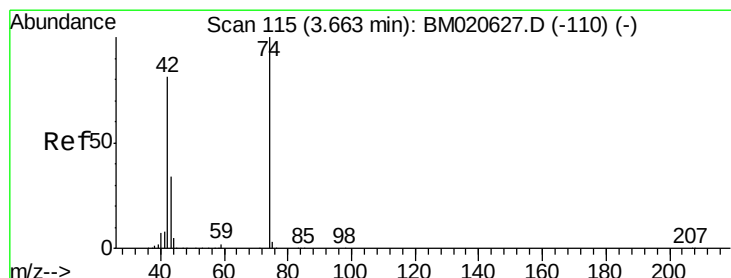
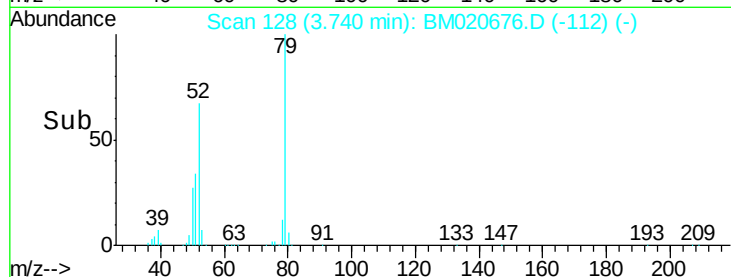
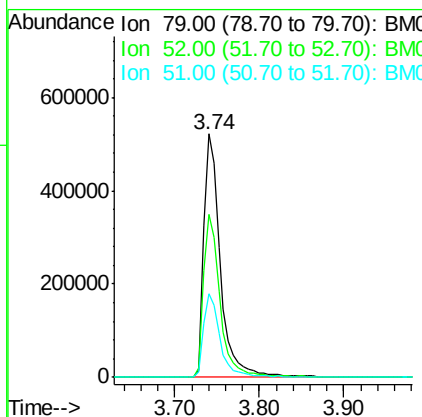
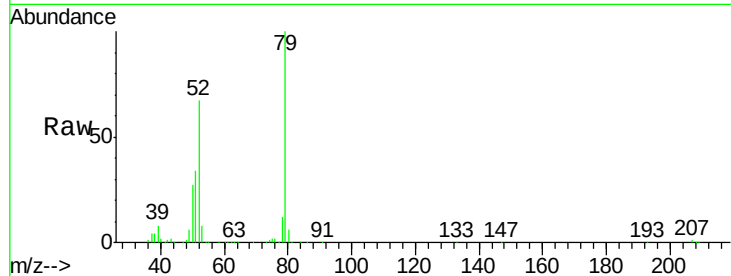
#3
 Pvrirdine
 Concen: 27.778 ng
 RT: 3.74 min Scan# 128
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion:	79	Resp:	715881
Ion Ratio	Lower	Upper	
79	100		
52	67.0	54.1	81.1
51	34.3	28.6	42.8

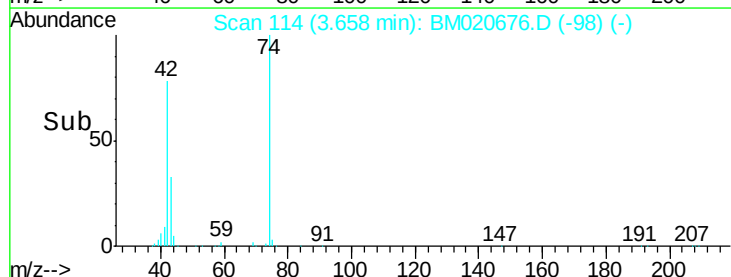
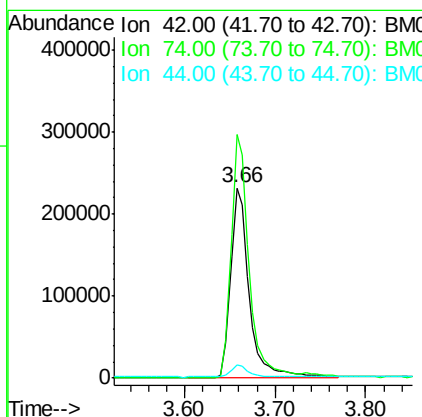
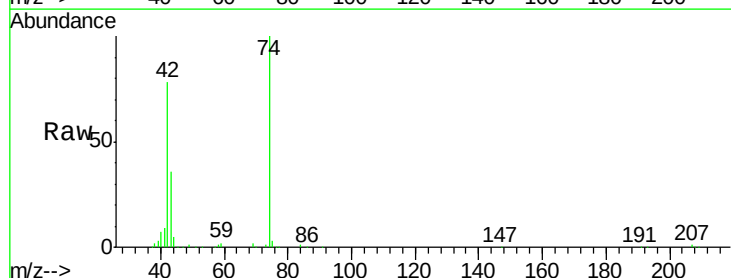
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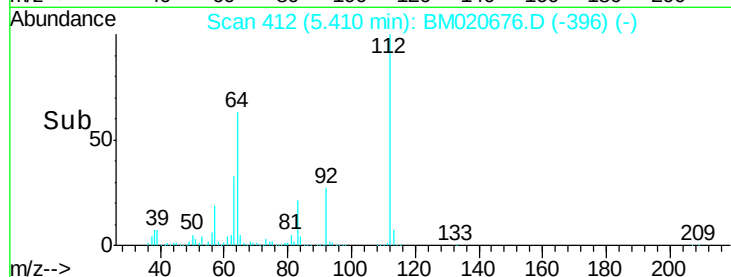
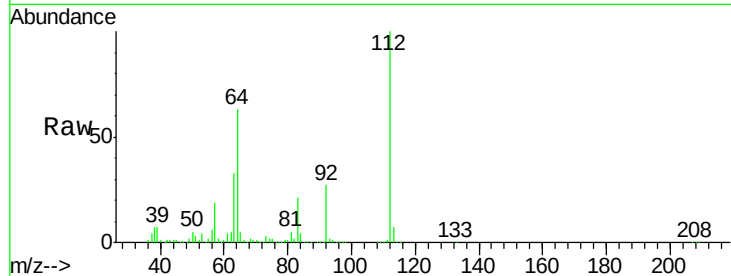
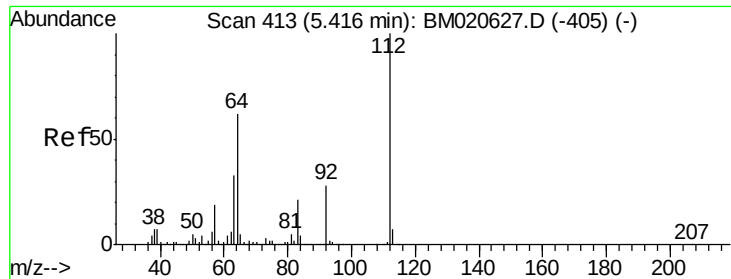
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#4
 n-Nitrosodimethylamine
 Concen: 29.731 ng
 RT: 3.66 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion:	42	Resp:	330306
Ion Ratio	Lower	Upper	
42	100		
74	128.1	99.4	149.0
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 135.632 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tot Ion:	112	Resp:	2683402
Ion	Ratio	Lower	Upper
112	100		
64	62.7	49.7	74.5
63	32.8	26.4	39.6

Instrument :

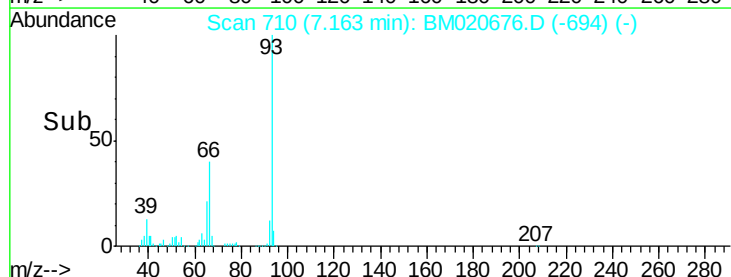
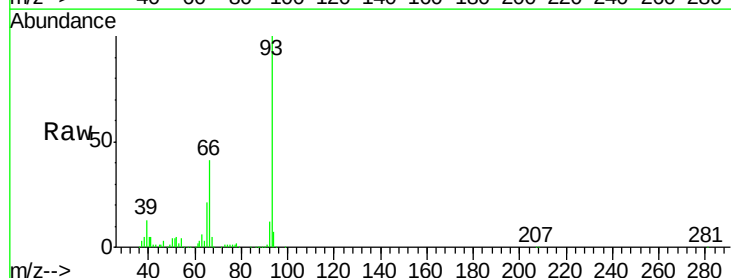
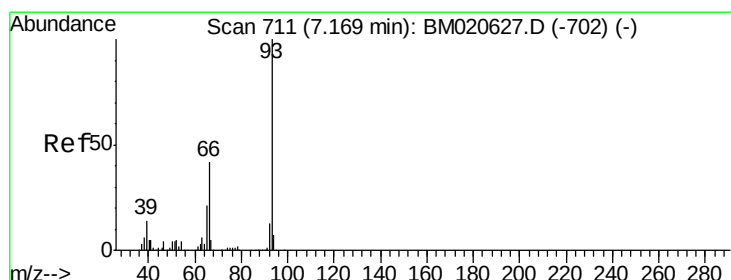
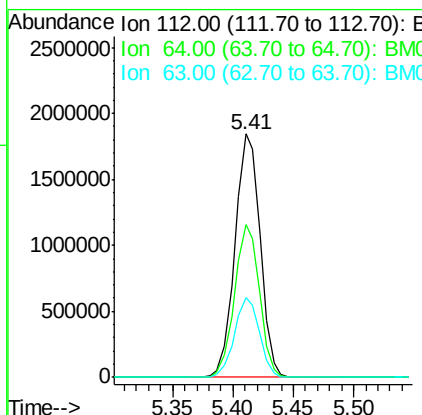
BNA_M

ClientSampleId :

PB120221BS

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#6

Aniline

Concen: 20.914 ng

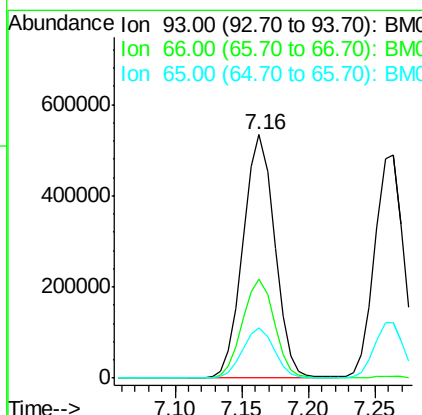
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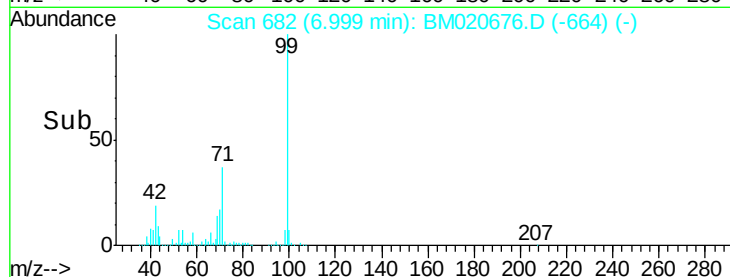
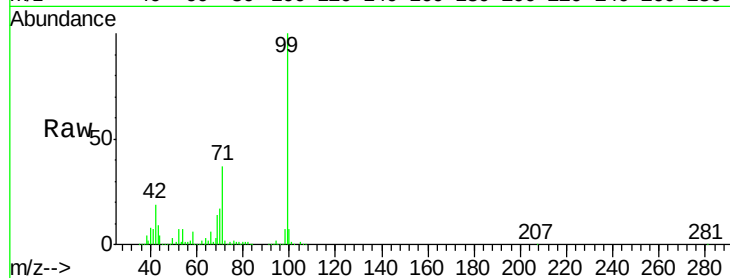
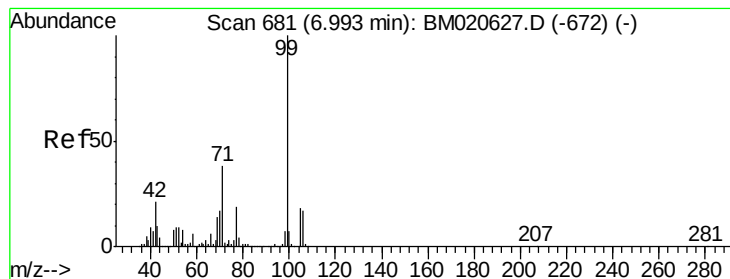
Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tgt Ion:	93	Resp:	881552
Ion	Ratio	Lower	Upper
93	100		
66	40.6	33.6	50.4
65	20.6	16.7	25.1





#7

Phenol-d6

Concen: 121.767 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tot Ion: 99 Resp: 3547286

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

71 37.3 30.7 46.1

Instrument :

BNA_M

ClientSampled :

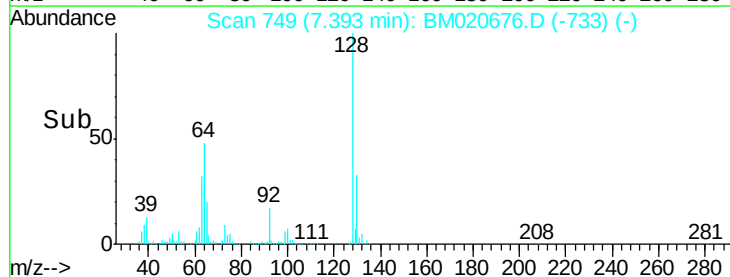
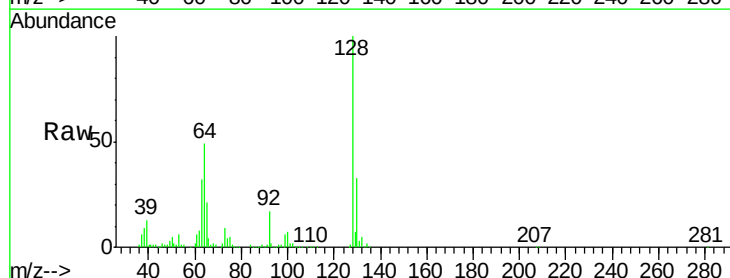
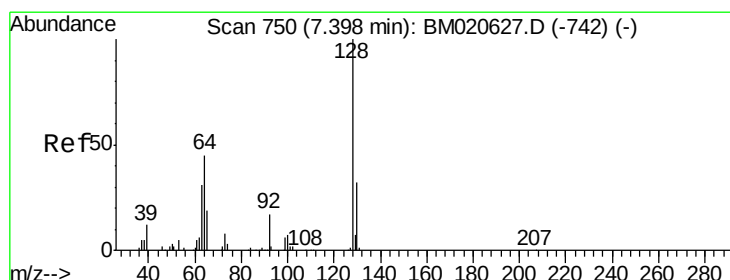
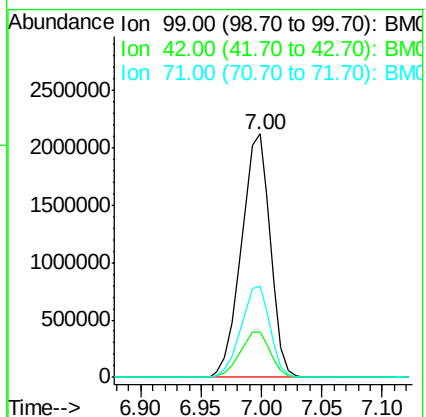
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#8

2-Chlorophenol

Concen: 32.311 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

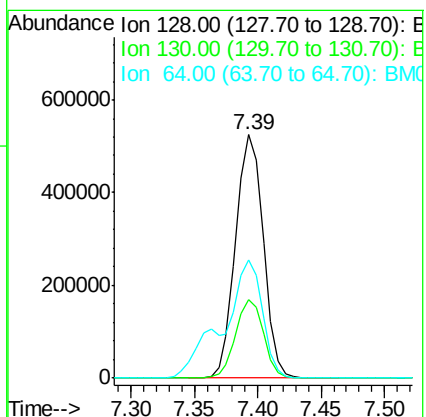
Tgt Ion: 128 Resp: 795250

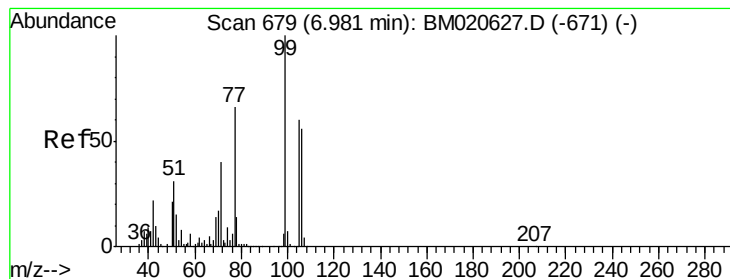
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 48.6 29.1 69.1





#9

Benzaldehyde

Concen: 11.415 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

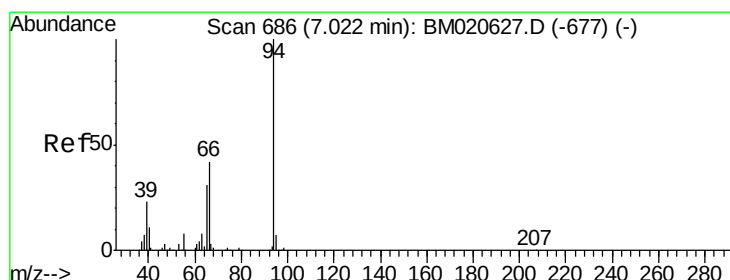
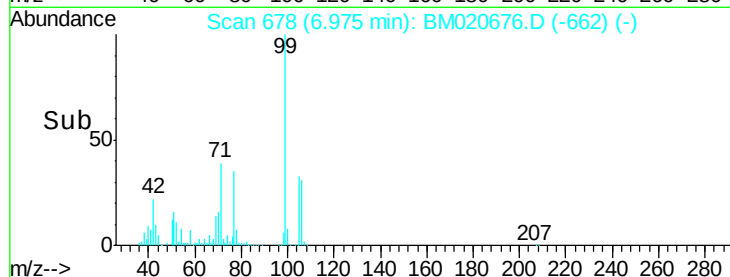
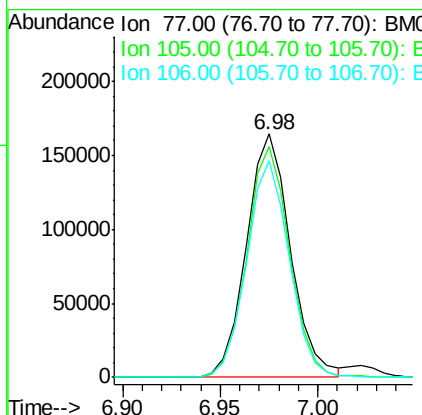
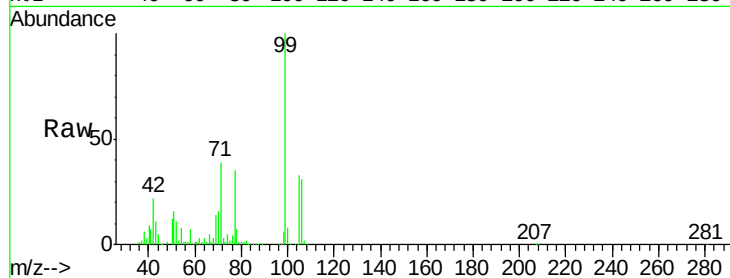
ClientSampleId :

PB120221BS

Tot Ion:	77	Resp:	257505
Ion Ratio	Lower	Upper	
77	100		
105	94.7	70.6	110.6
106	89.1	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 30.840 ng

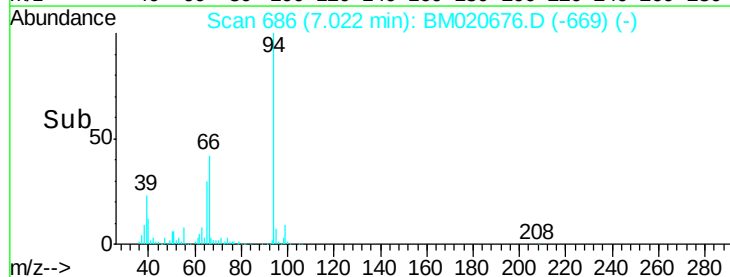
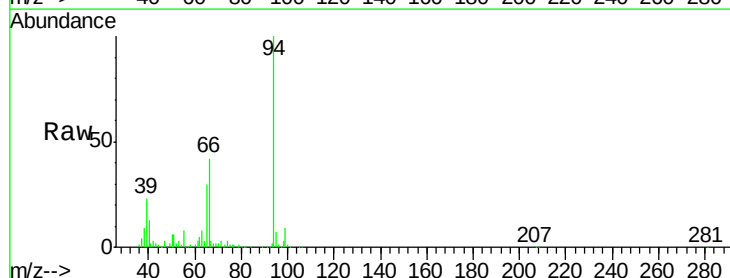
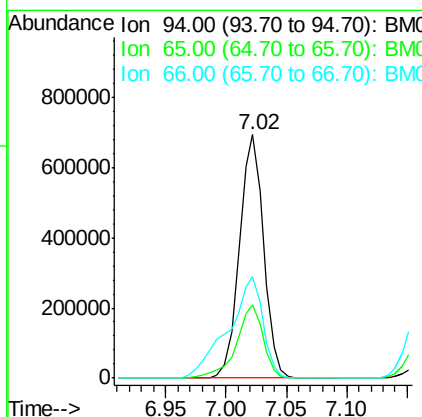
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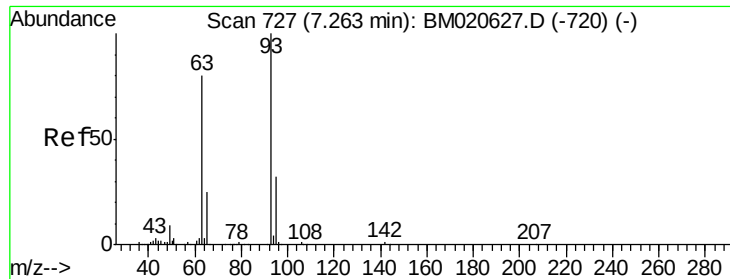
Delta R.T. 0.00 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tgt Ion:	94	Resp:	968188
Ion Ratio	Lower	Upper	
94	100		
65	30.2	10.7	50.7
66	41.6	22.3	62.3





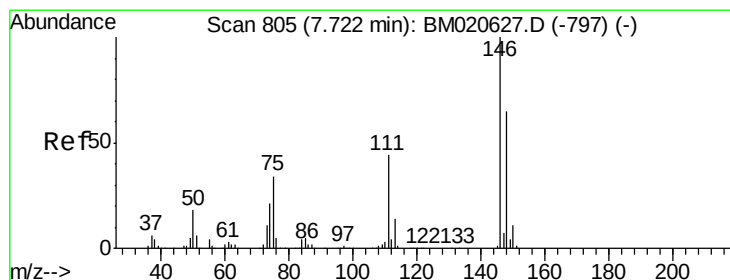
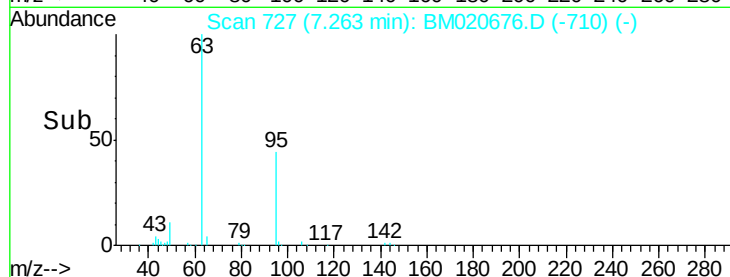
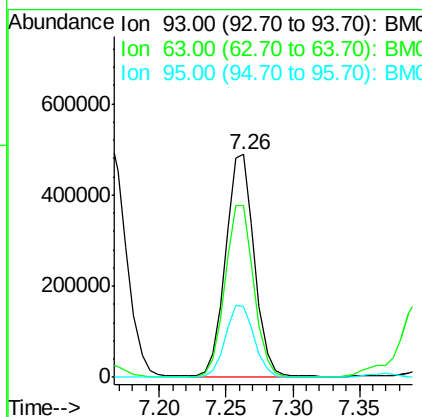
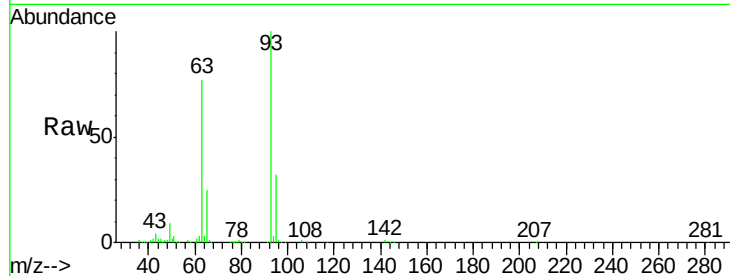
#11
bis(2-Chloroethyl)ether
Concen: 29.174 ng
RT: 7.26 min Scan# 727
Delta R.T. 0.00 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.0	100.0
95	31.7	12.2	52.2

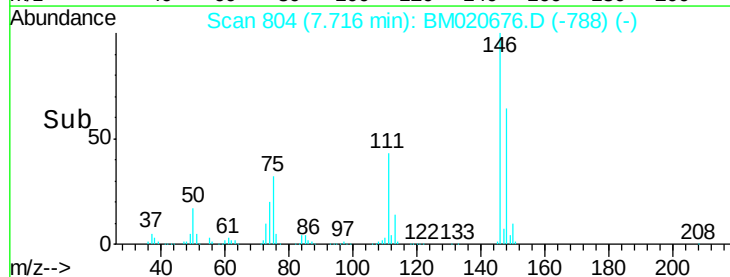
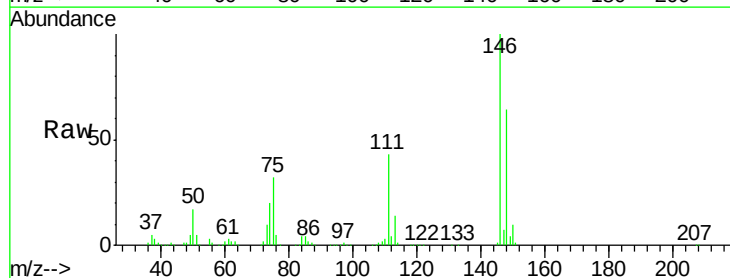
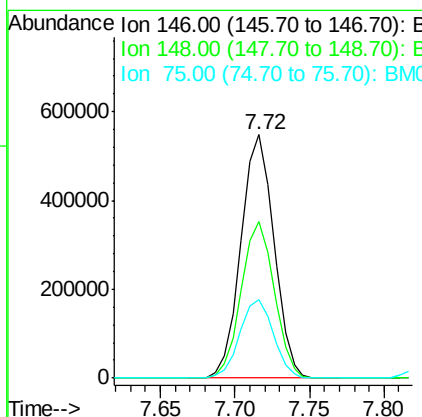
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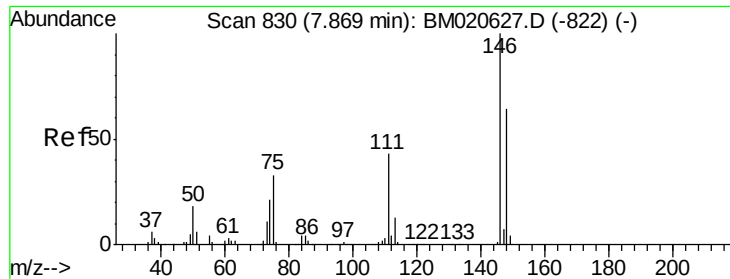
mohammad
6/5/2019 8:46:04 AM



#12
1,3-Dichlorobenzene
Concen: 29.728 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
75	32.2	27.0	40.4





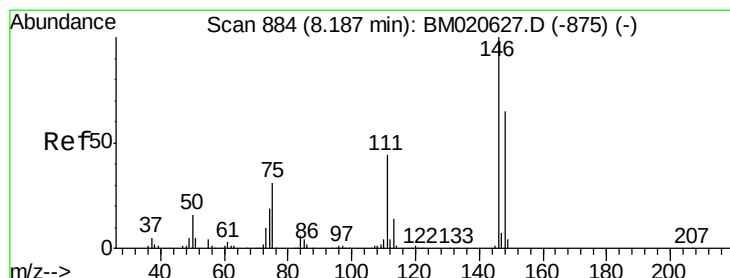
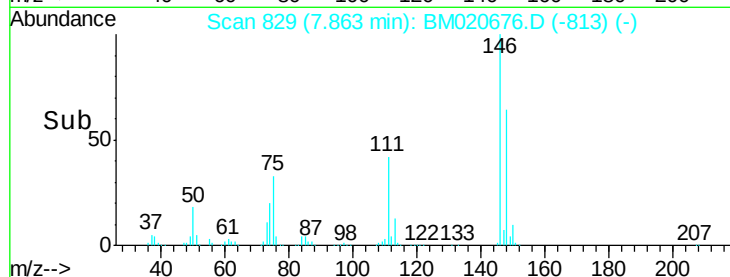
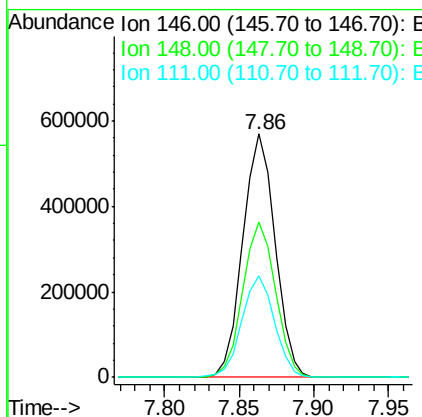
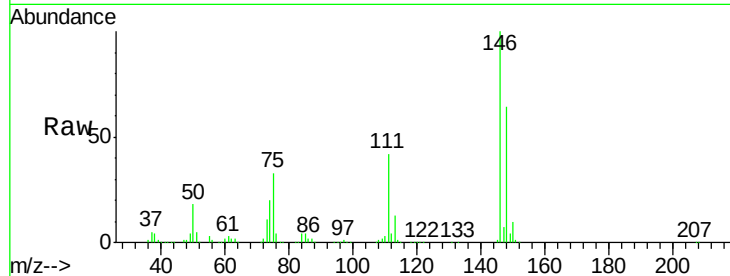
#13
 1,4-Dichlorobenzene
 Concen: 29.709 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	41.7	34.4	51.6

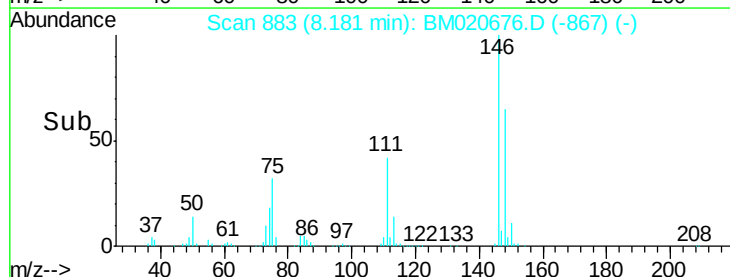
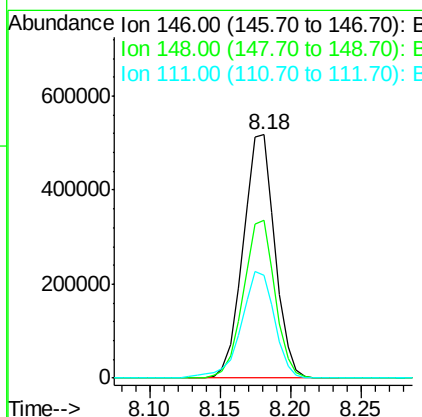
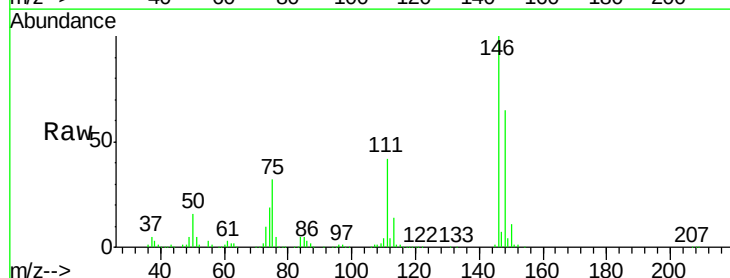
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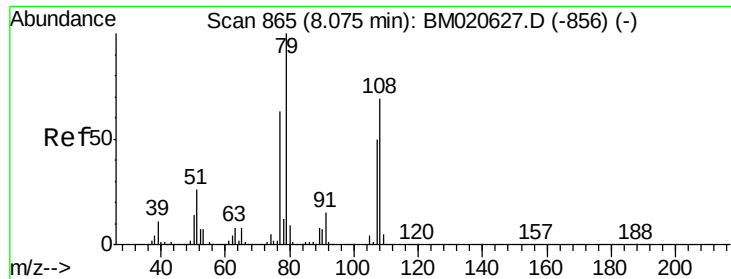
mohammad
 6/5/2019 8:46:04 AM



#14
 1,2-Dichlorobenzene
 Concen: 29.118 ng
 RT: 8.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
111	42.4	35.1	52.7





#15

Benzyl Alcohol

Concen: 27.564 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

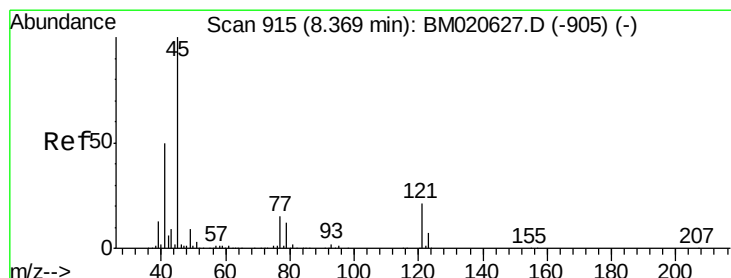
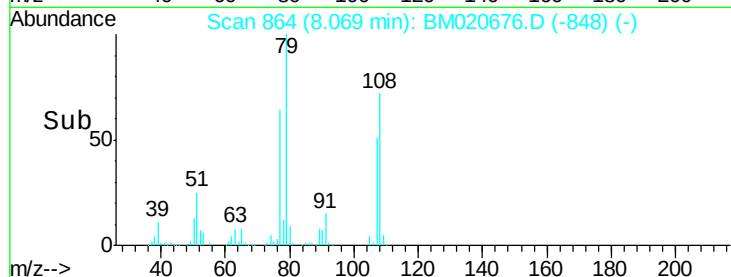
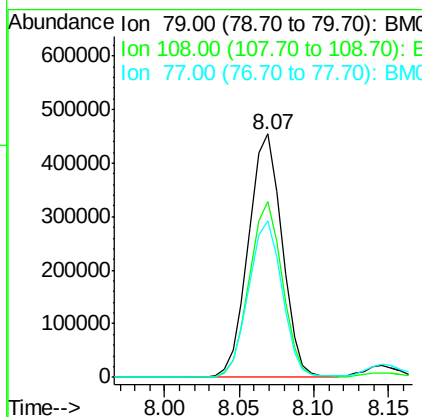
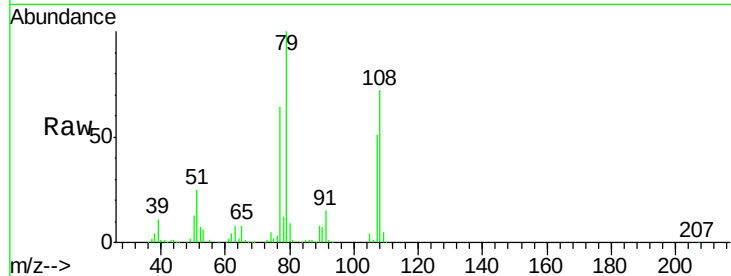
ClientSampleId :

PB120221BS

Tot Ion:	79	Resp:	710375
Ion	Ratio	Lower	Upper
79	100		
108	72.0	54.9	82.3
77	64.5	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.921 ng

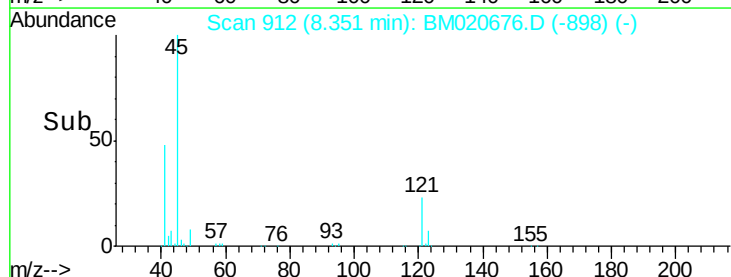
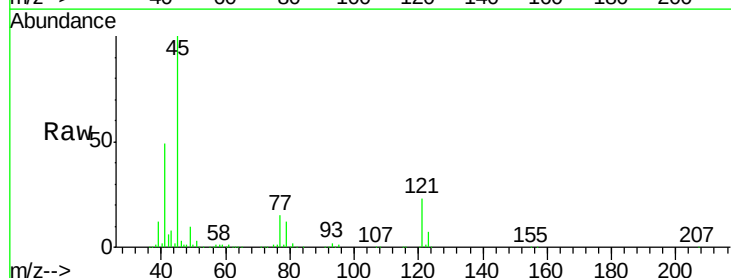
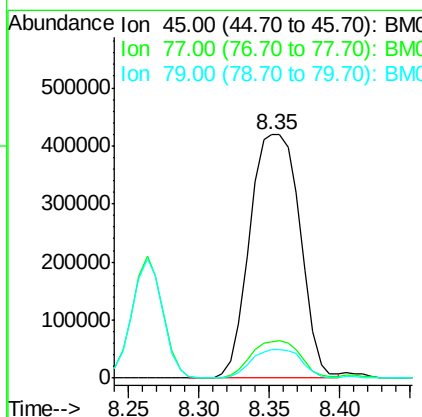
RT: 8.35 min Scan# 912

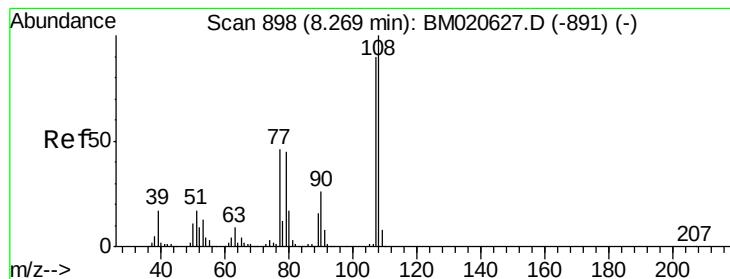
Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tgt Ion:	45	Resp:	1039895
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.9
79	11.6	0.0	31.8





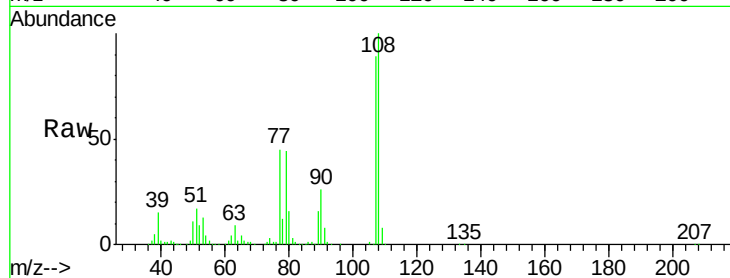
#17
2-Methylphenol
Concen: 29.092 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	88.6	133.0	
77	50.1	40.6	61.0	
79	49.3	39.9	59.9	

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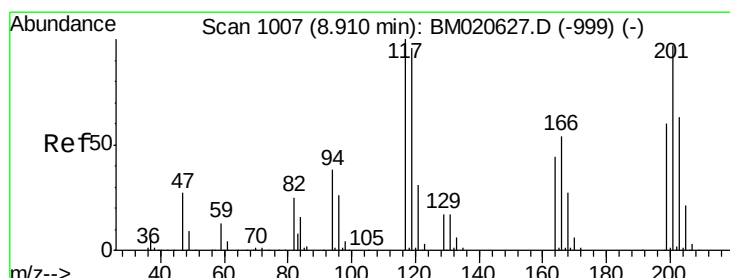
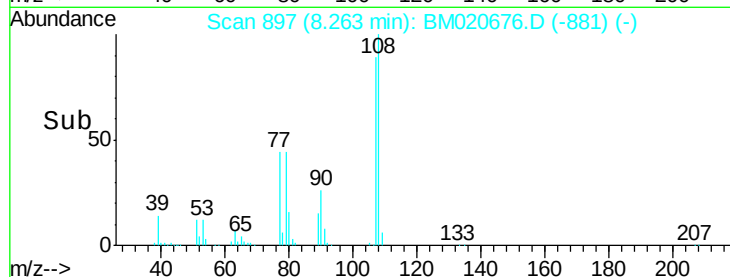
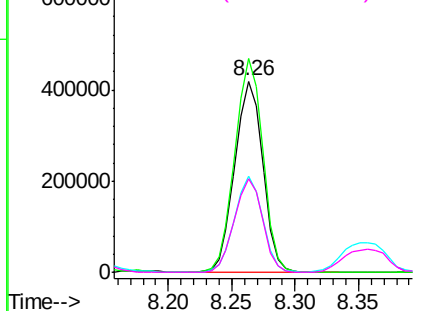
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

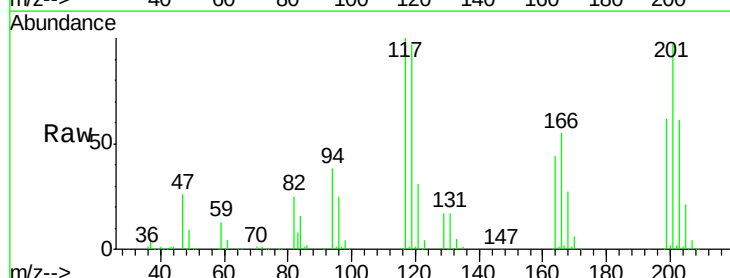
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 28.623 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.7	115.1	
201	96.9	77.9	116.9	

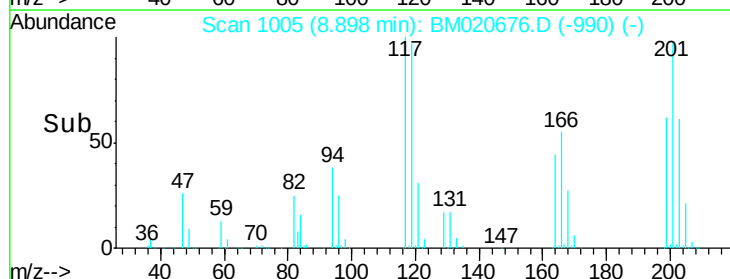
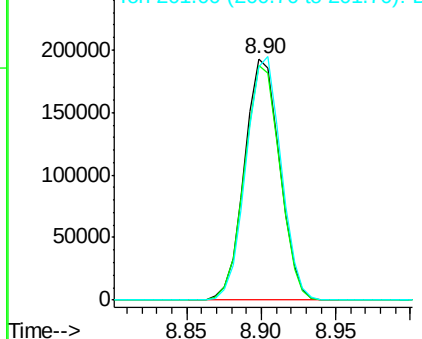


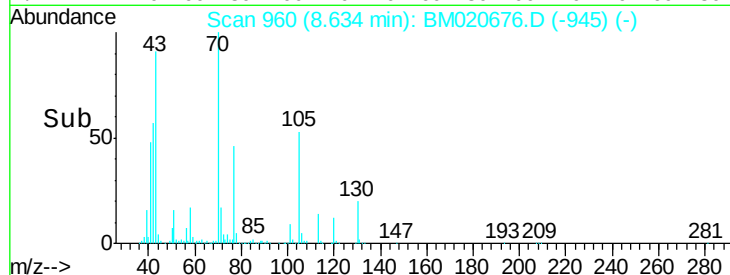
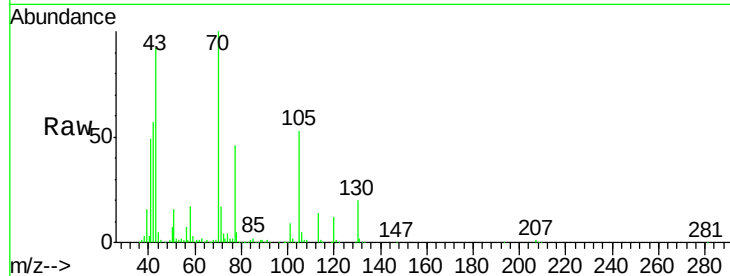
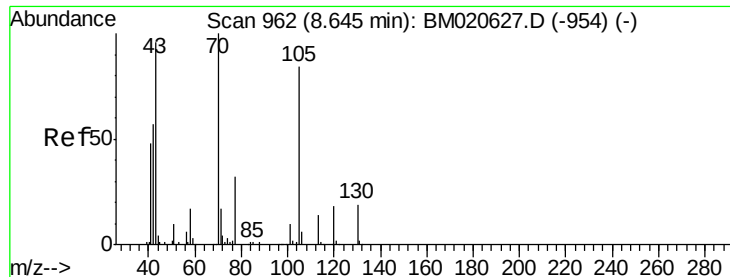
Abundance

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





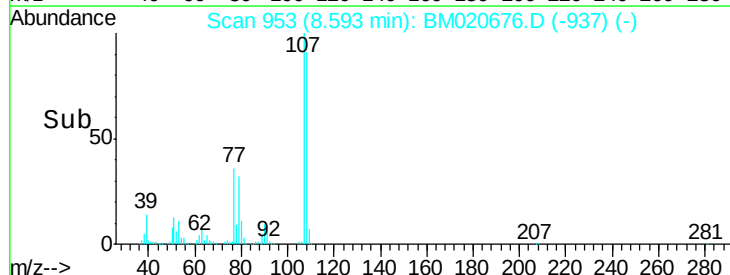
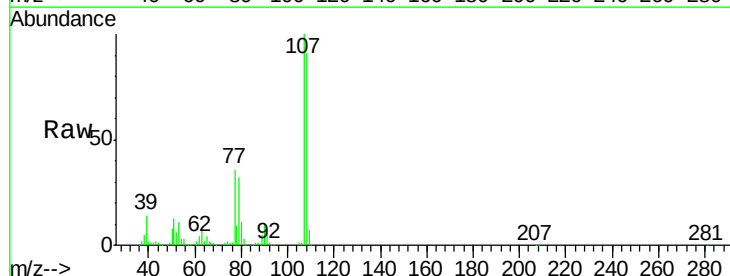
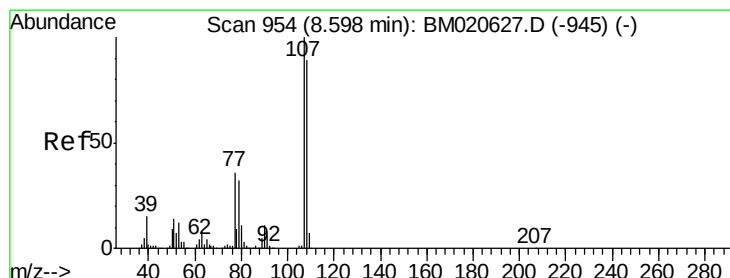
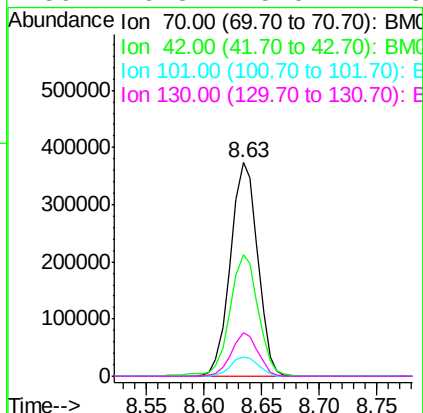
#19
n-Nitroso-di-n-propylamine
Concen: 26.068 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	46.8	70.2	
101	9.2	7.8	11.6	
130	20.3	15.0	22.6	

Instrument :
BNA_M
ClientSampleId :
PB120221BS

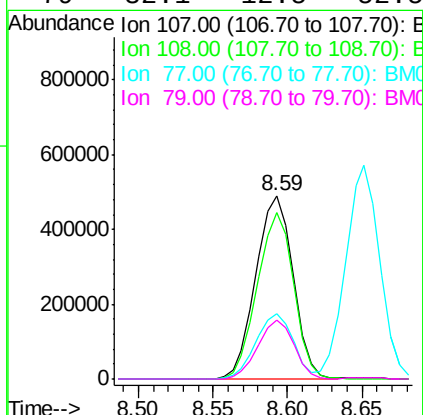
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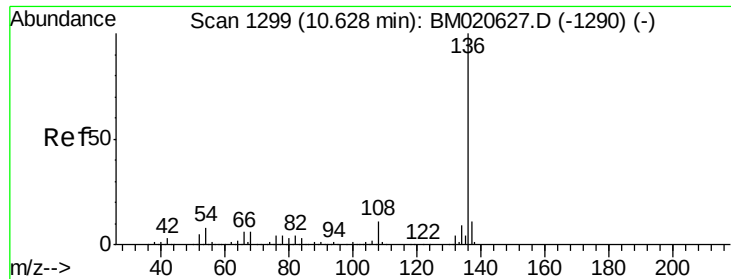
mohammad
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#20
3+4-Methylphenols
Concen: 28.164 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	69.2	109.2	
77	35.7	16.2	56.2	
79	32.1	12.5	52.5	





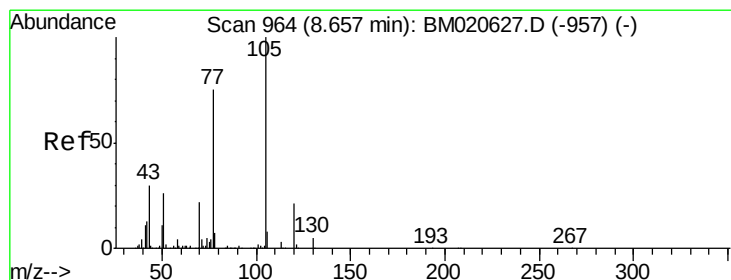
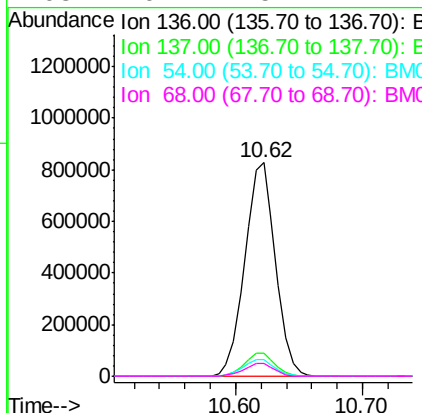
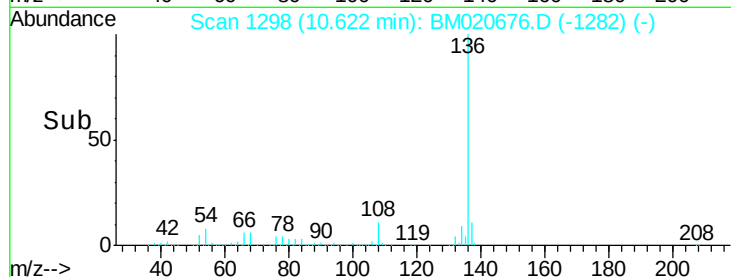
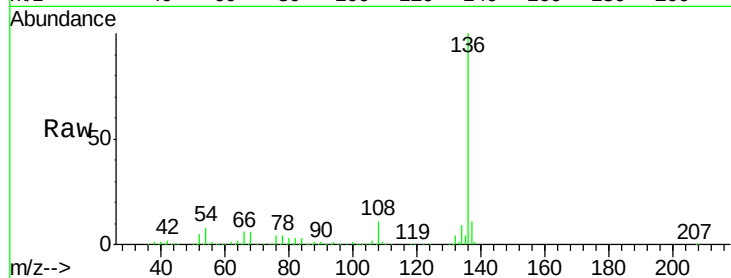
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.7	6.6	10.0
68	6.1	5.1	7.7

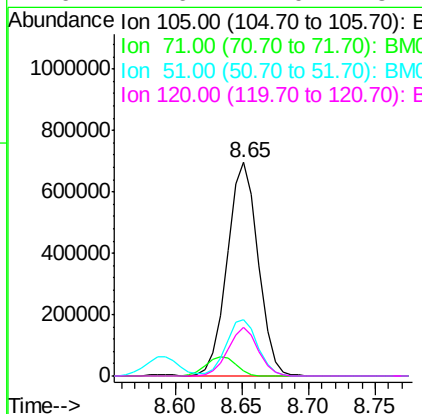
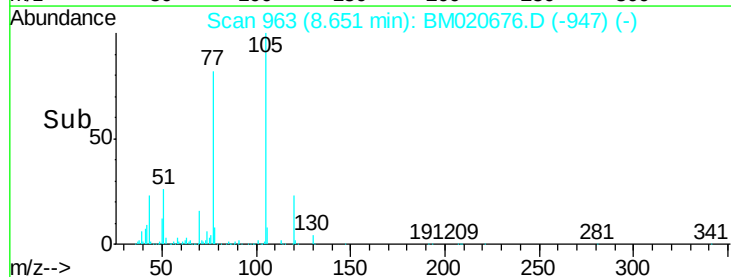
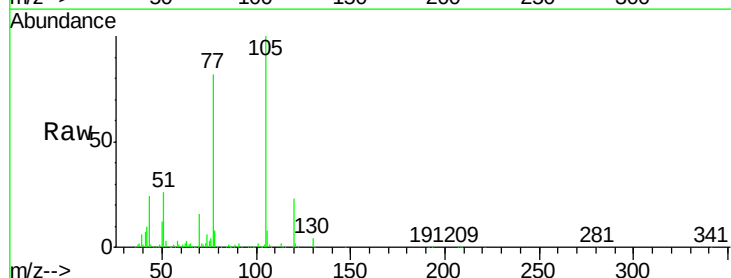
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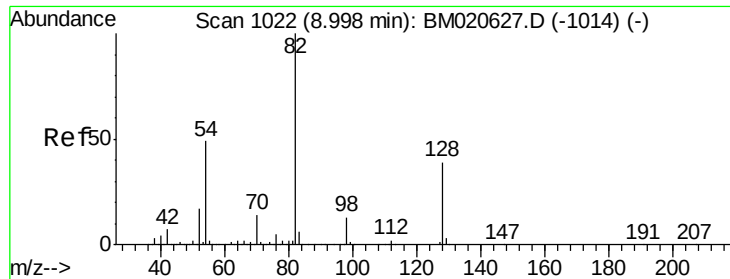
mohammad
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#22
Acetophenone
Concen: 32.009 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.2	4.8#
51	26.5	22.8	34.2
120	22.6	17.0	25.4





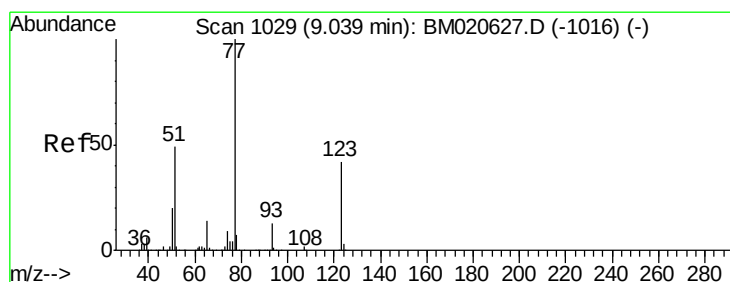
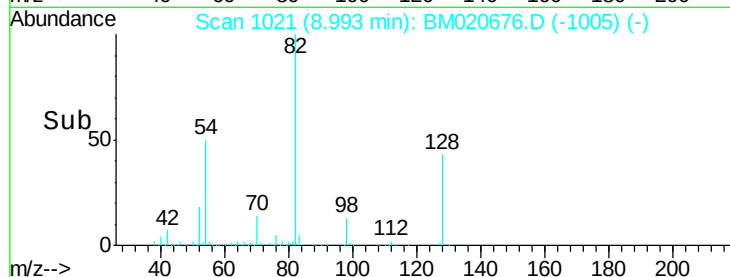
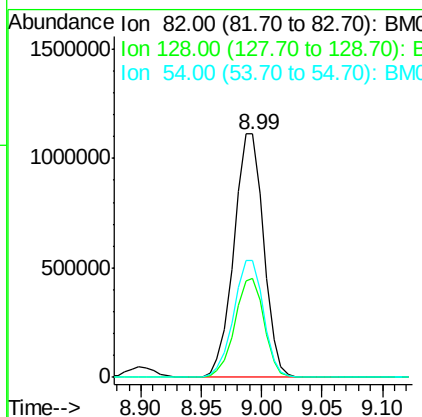
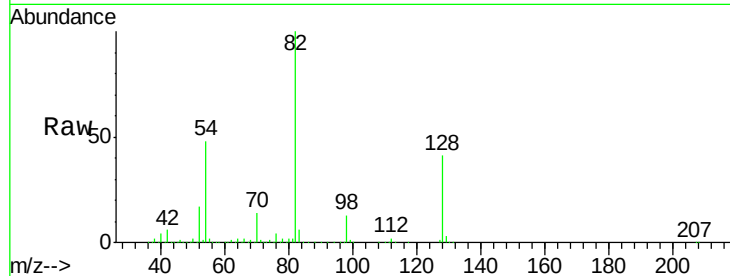
#23
 Nitrobenzene-d5
 Concen: 71.781 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampled :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.5	47.3
54	48.0	39.4	59.0

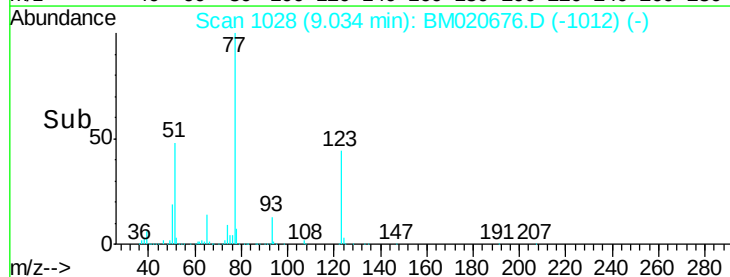
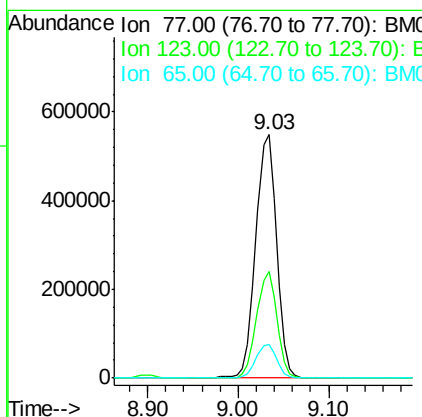
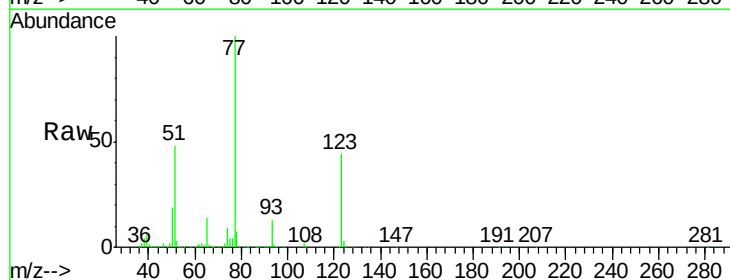
Manual Integrations
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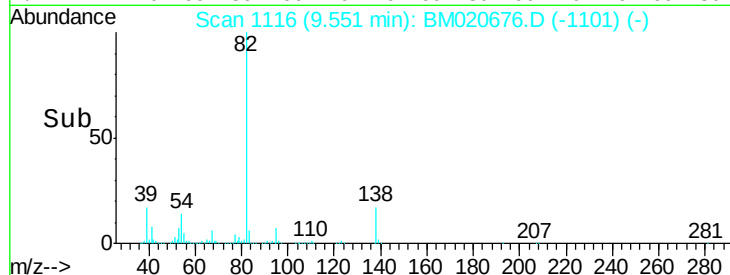
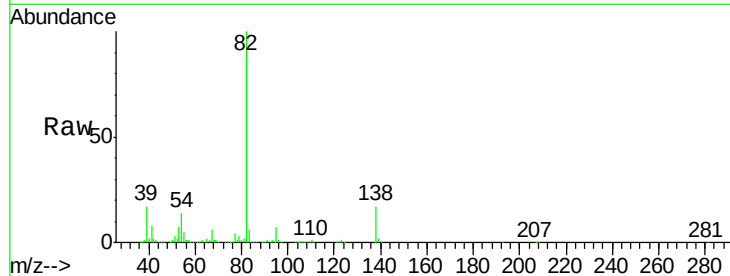
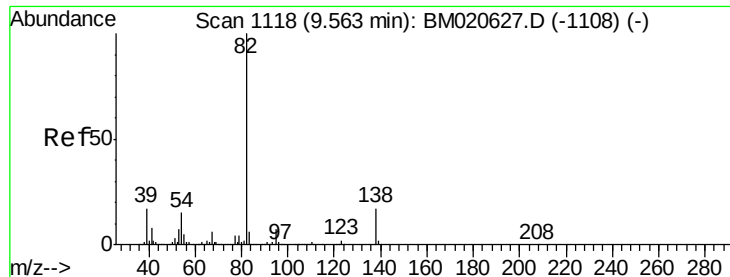
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#24
 Nitrobenzene
 Concen: 32.442 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.7	50.5
65	13.7	11.0	16.6





#25

Isophorone

Concen: 29.655 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tot Ion:	82	Resp:	1573784
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.0	13.8	20.8

Instrument :

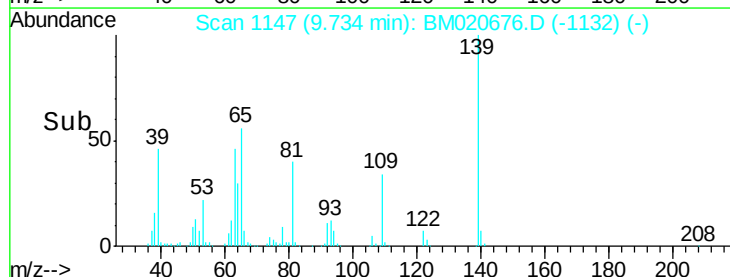
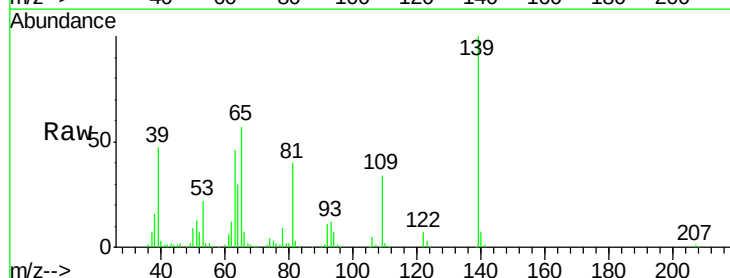
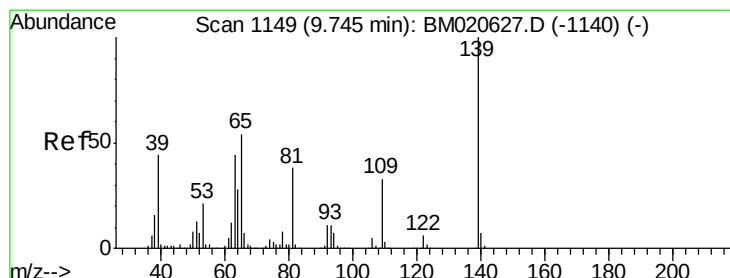
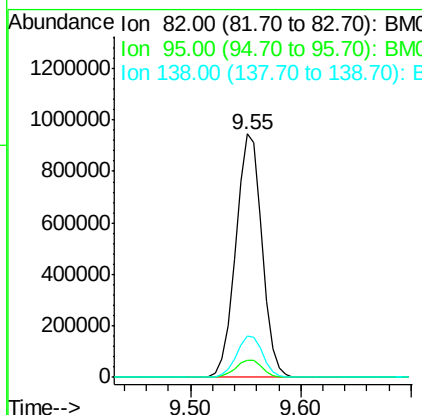
BNA_M

ClientSampleId :

PB120221BS

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#26

2-Nitrophenol

Concen: 34.832 ng

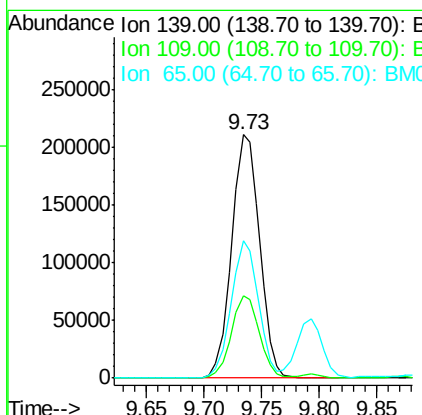
RT: 9.73 min Scan# 1147

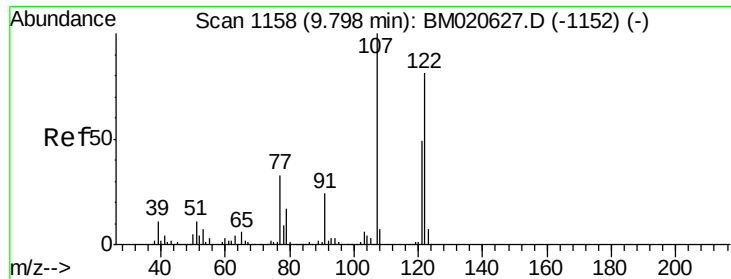
Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tgt Ion:	139	Resp:	353563
Ion	Ratio	Lower	Upper
139	100		
109	33.8	26.1	39.1
65	56.5	43.4	65.0





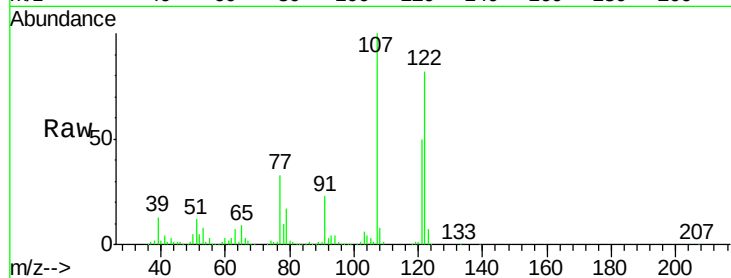
#27
2,4-Dimethylphenol
Concen: 36.354 ng
RT: 9.79 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

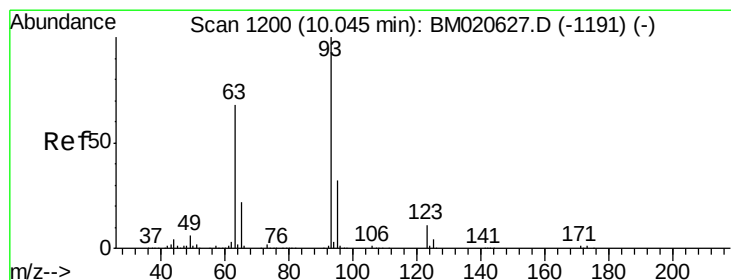
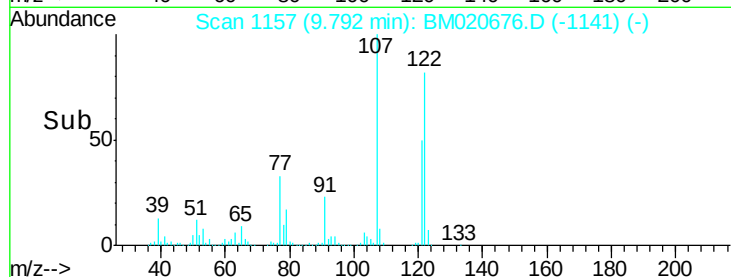
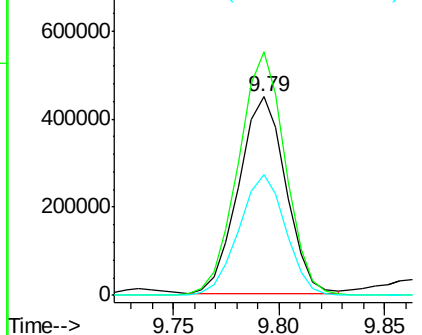
Tot Ion	Ratio	Resp	Lower	Upper
122	100	691482		
107	122.7	98.0	147.0	
121	60.8	48.2	72.4	

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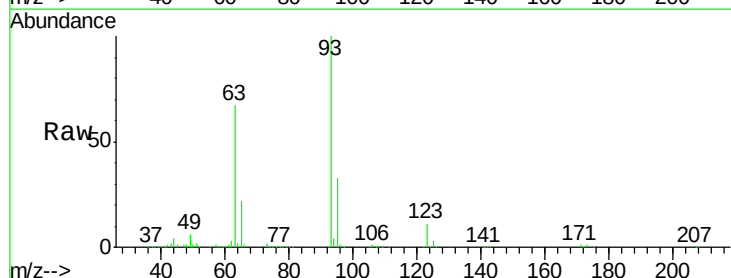


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

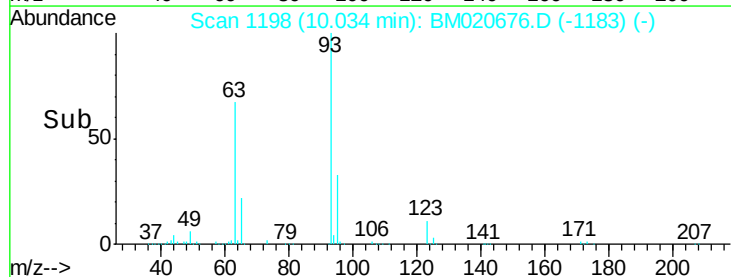
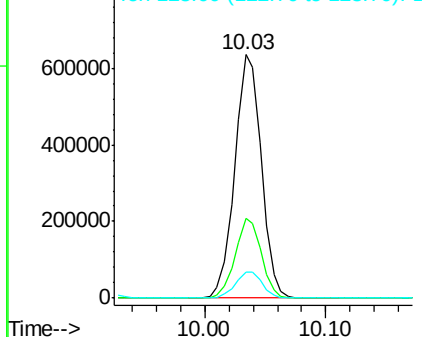


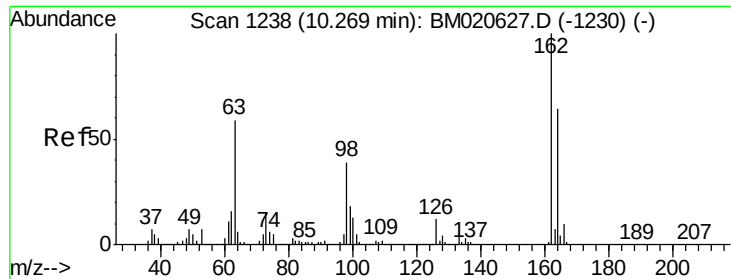
#28
bis(2-Chloroethoxy)methane
Concen: 30.373 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	974612		
95	32.8	25.8	38.6	
123	10.9	9.0	13.6	



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





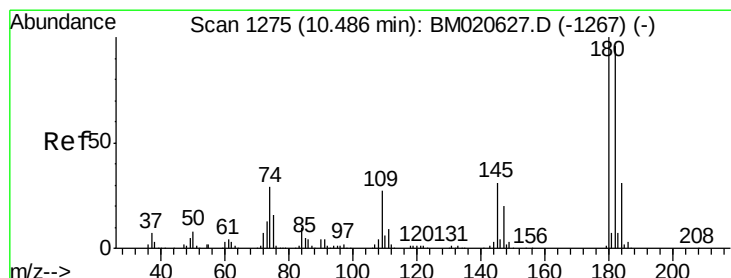
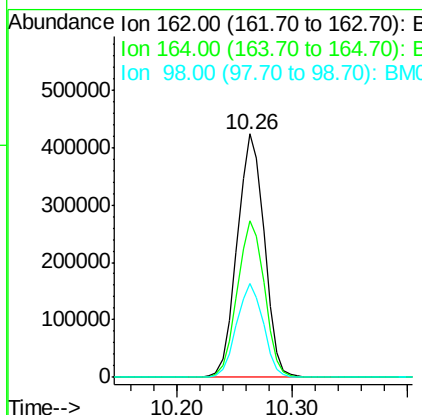
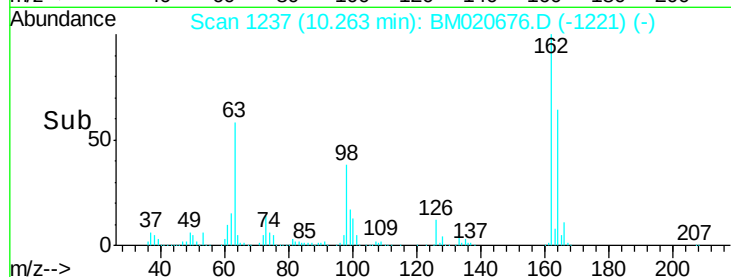
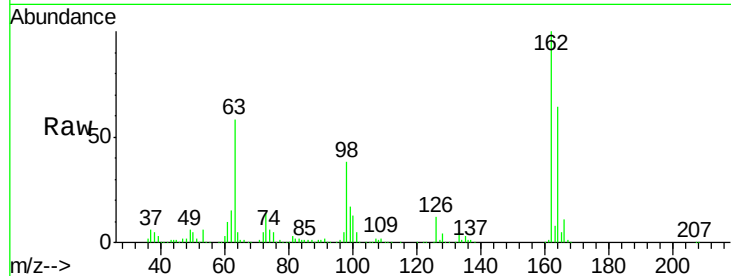
#29
2,4-Dichlorophenol
Concen: 32.816 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampled :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	690582		
164	64.3	43.8	83.8	
98	38.3	19.1	59.1	

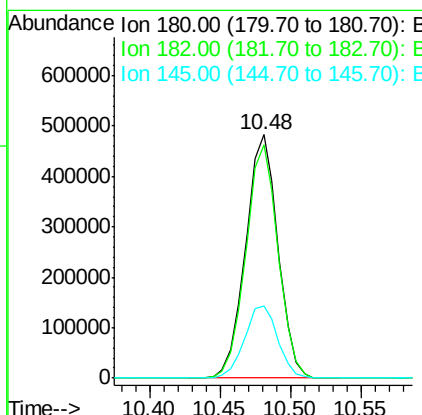
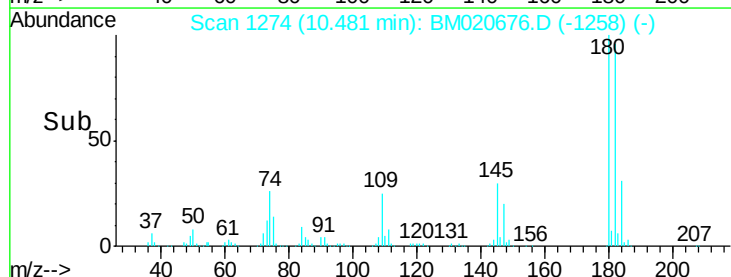
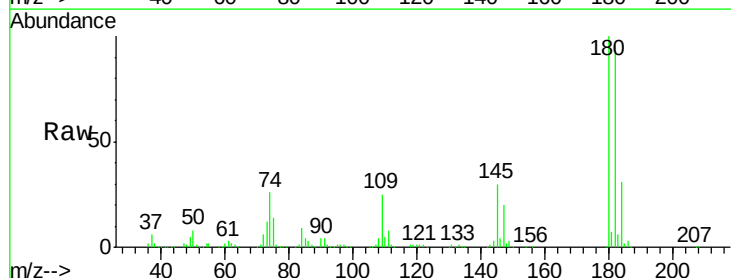
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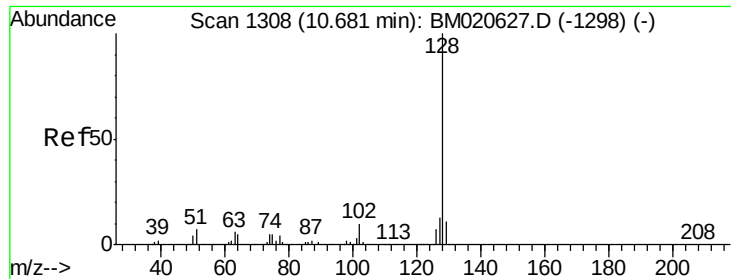
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#30
1,2,4-Trichlorobenzene
Concen: 32.044 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	775388		
182	96.0	77.0	115.6	
145	29.8	25.0	37.4	





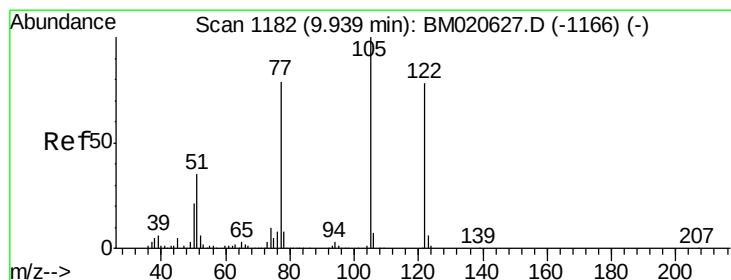
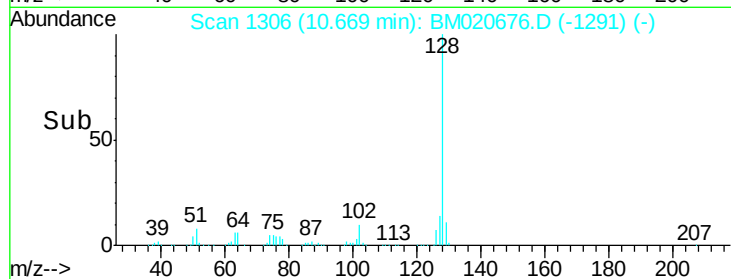
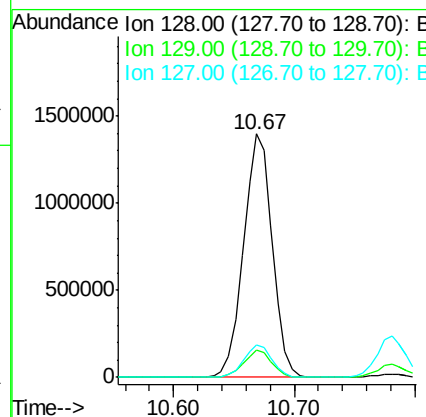
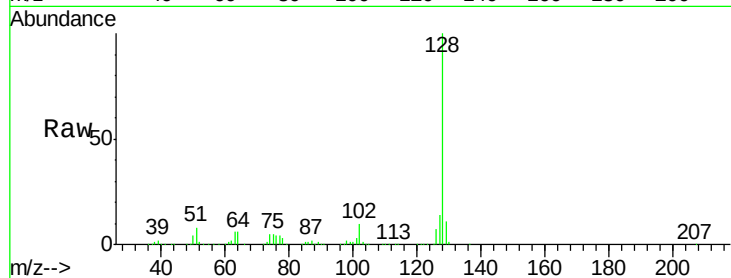
#31
Naphthalene
Concen: 32.342 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.5	10.3	15.5

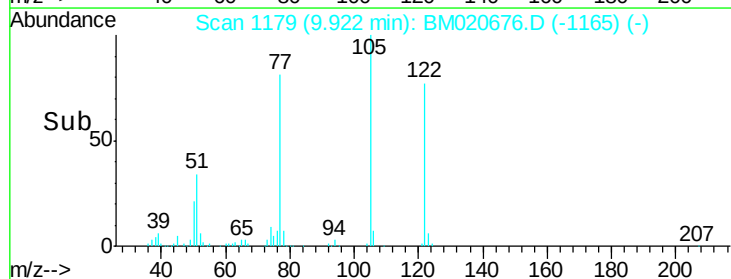
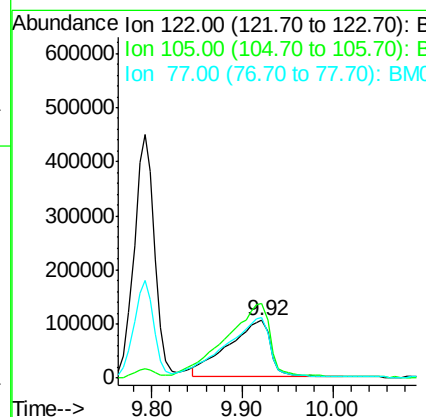
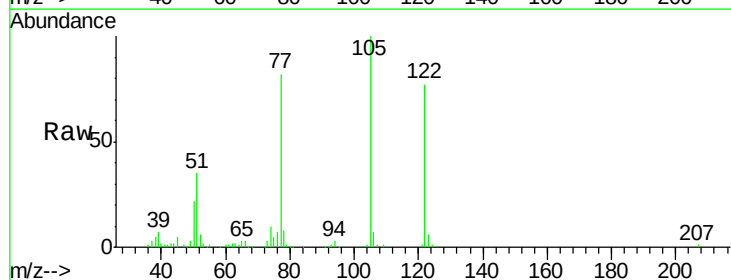
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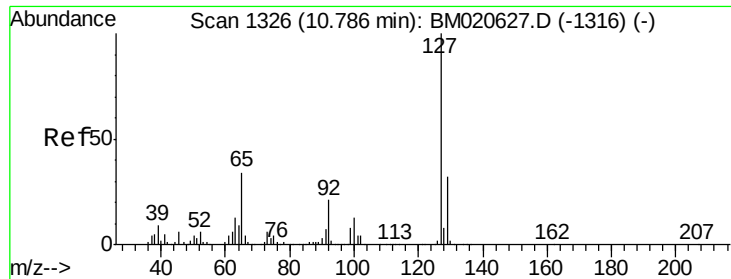
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#32
Benzoic acid
Concen: 30.664 ng
RT: 9.92 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.1	107.0	147.0
77	105.4	80.9	120.9





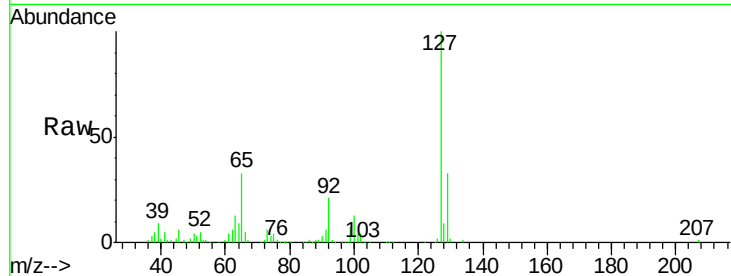
#33
4-Chloroaniline
Concen: 12.206 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

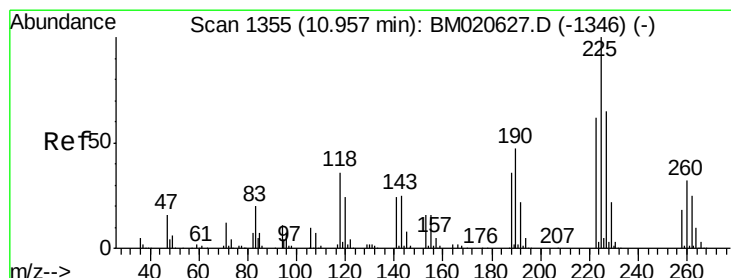
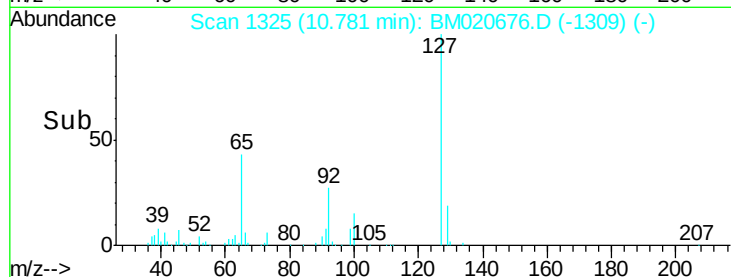
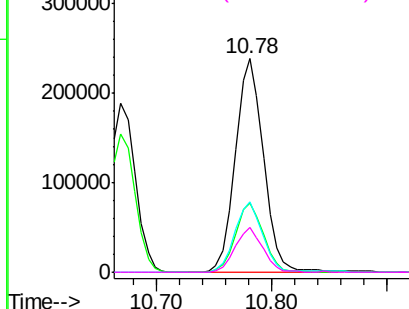
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		403780		
129	32.6	25.7	38.5		
65	33.0	27.4	41.0		
92	21.0	17.0	25.6		

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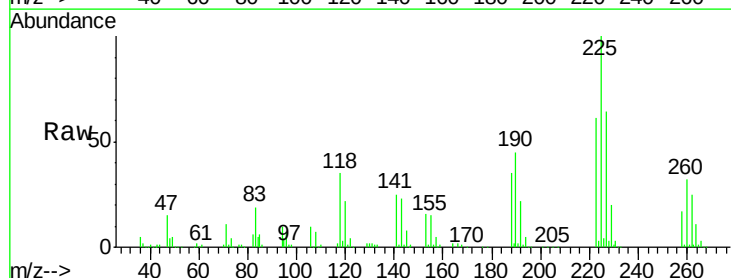


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

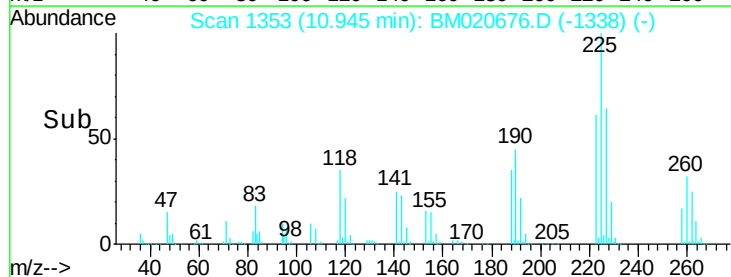
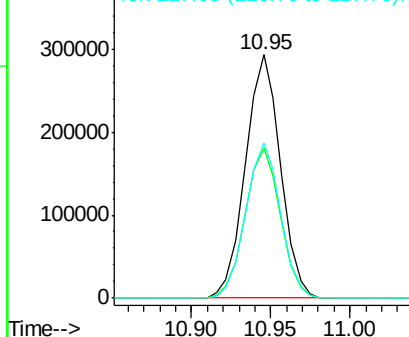


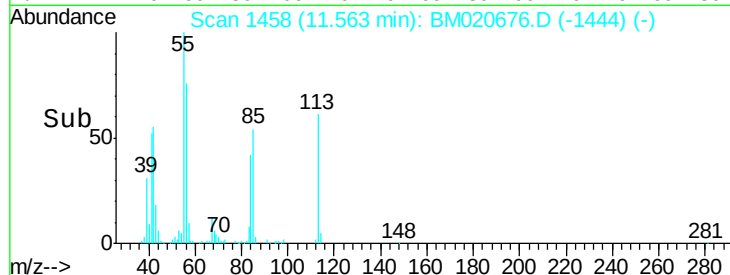
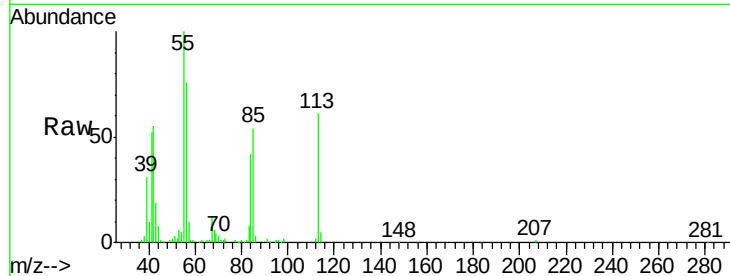
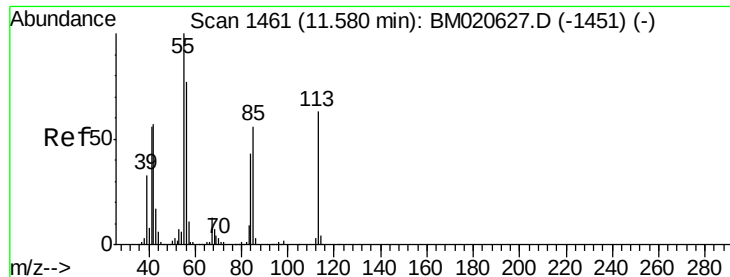
#34
Hexachlorobutadiene
Concen: 30.967 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		449600		
223	61.5	49.7	74.5		
227	63.9	51.8	77.8		



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





#35

Caprolactam

Concen: 26.383 ng/ml

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion:113 Resp: 192882

Ion Ratio Lower Upper

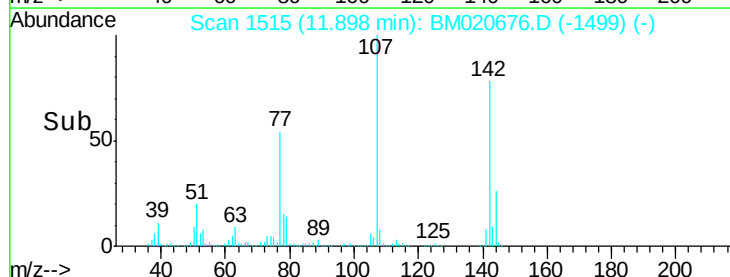
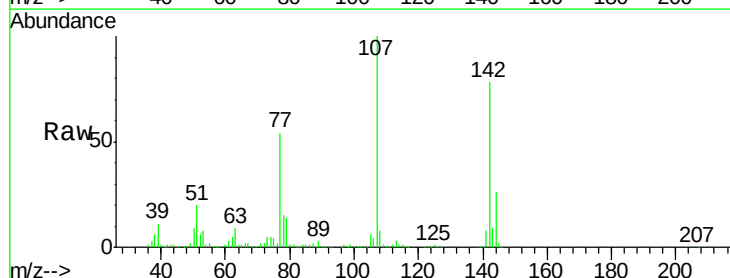
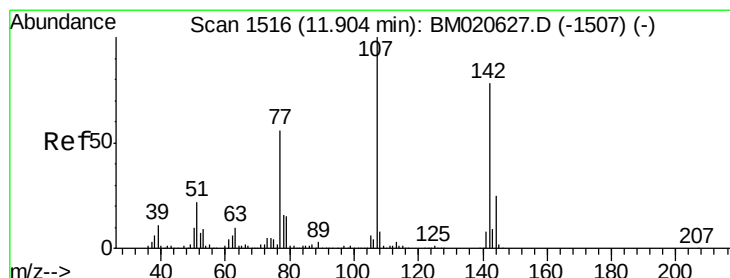
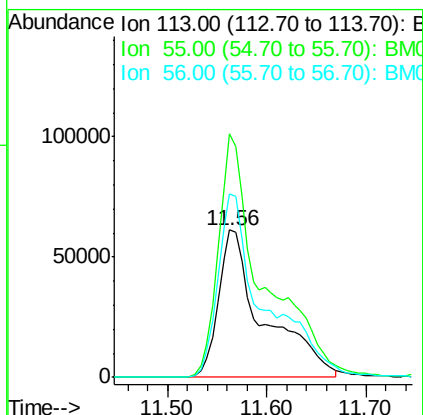
113 100

55 165.2 138.6 178.6

56 124.9 102.3 142.3

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#36

4-Chloro-3-methylphenol

Concen: 29.682 ng/ml

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

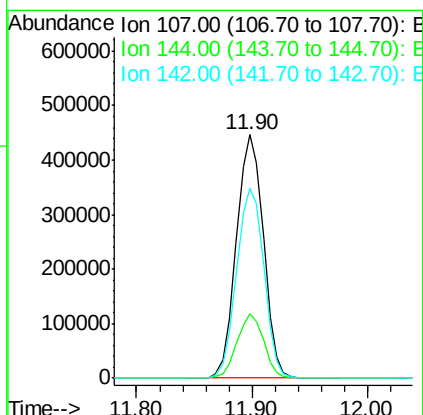
Tgt Ion:107 Resp: 726237

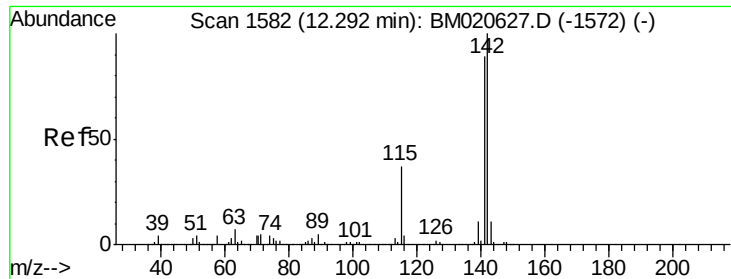
Ion Ratio Lower Upper

107 100

144 26.3 20.3 30.5

142 78.1 62.6 93.8





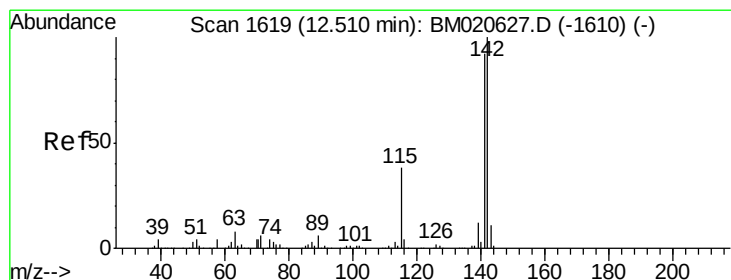
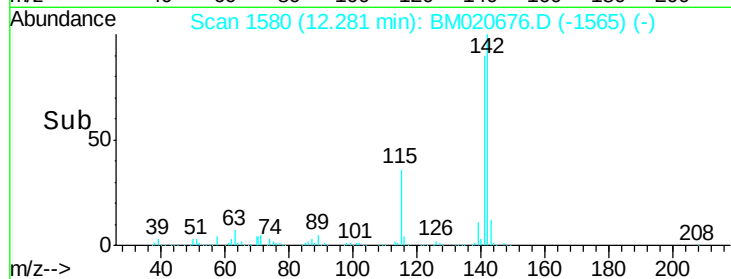
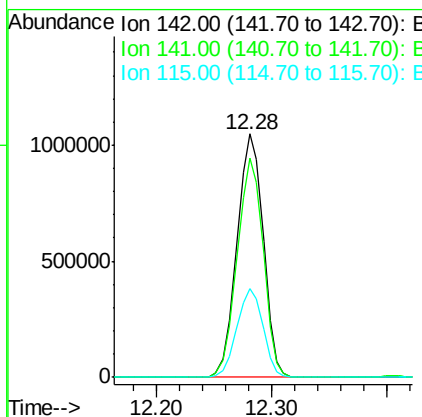
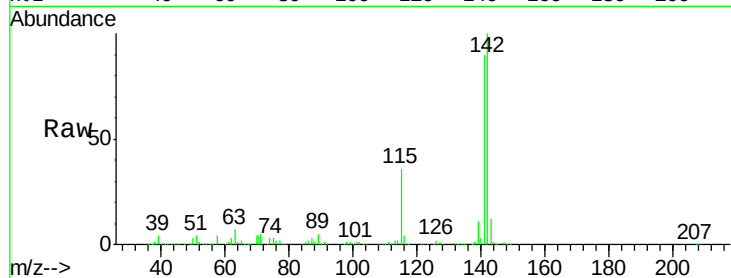
#37
2-Methylnaphthalene
Concen: 31.308 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.6	107.4
115	36.2	29.6	44.4

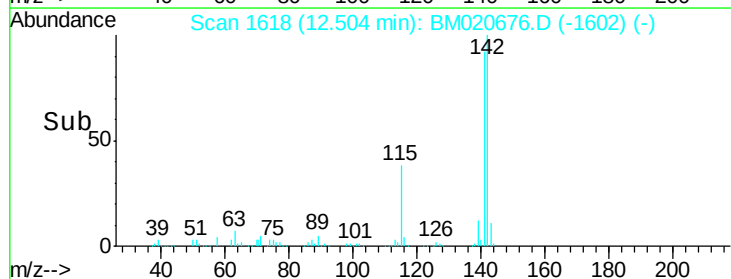
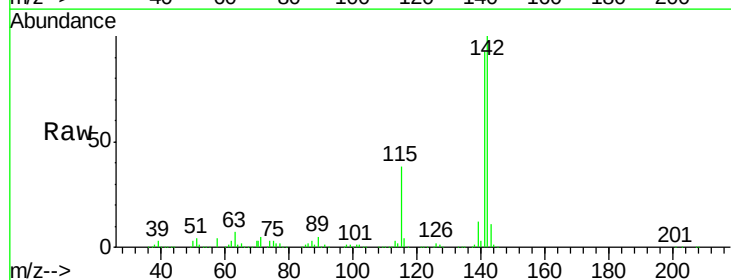
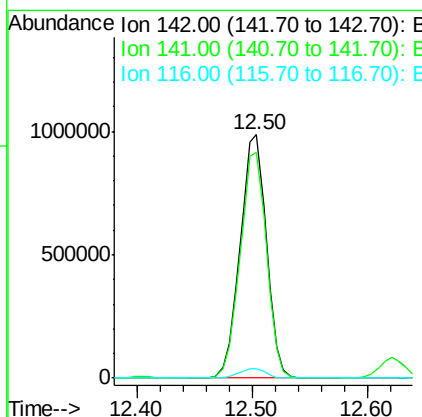
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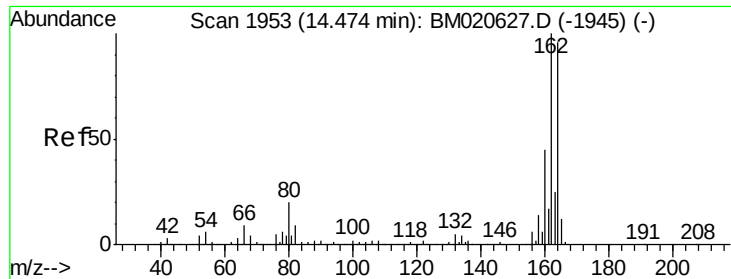
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#38
1-Methylnaphthalene
Concen: 31.008 ng
RT: 12.50 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

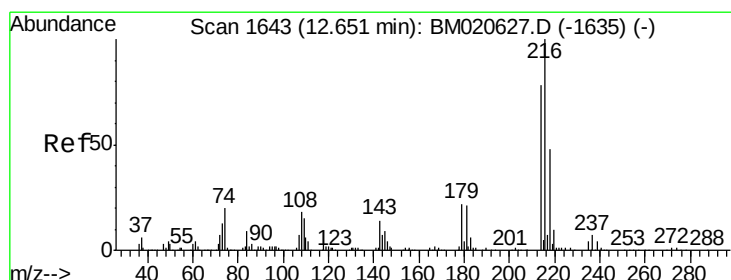
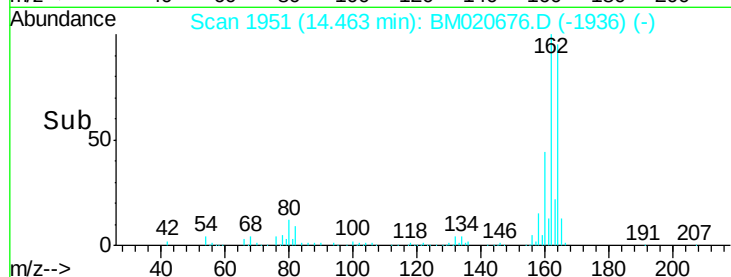
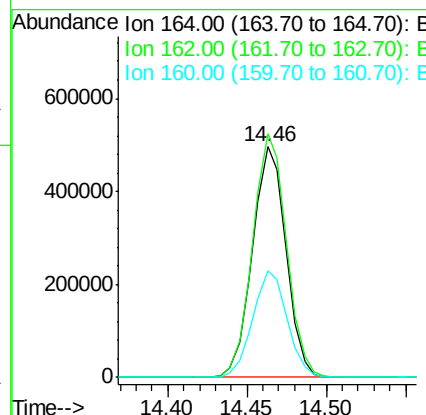
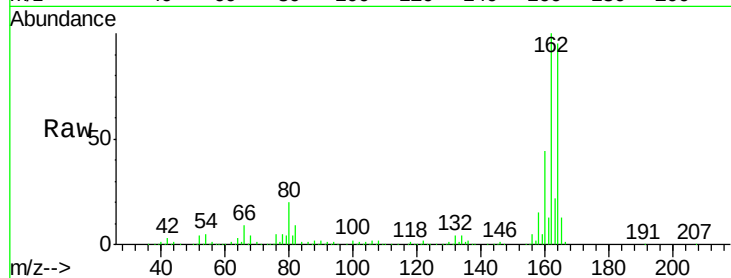
ClientSampleId :

PB120221BS

Tot Ion:	164	Resp:	730227
Ion Ratio	Lower	Upper	
164	100		
162	105.7	83.2	124.8
160	46.0	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.186 ng

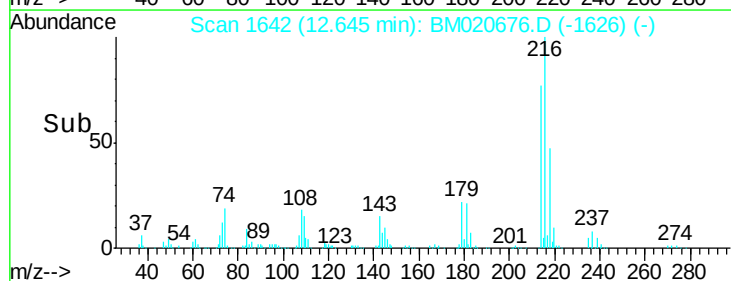
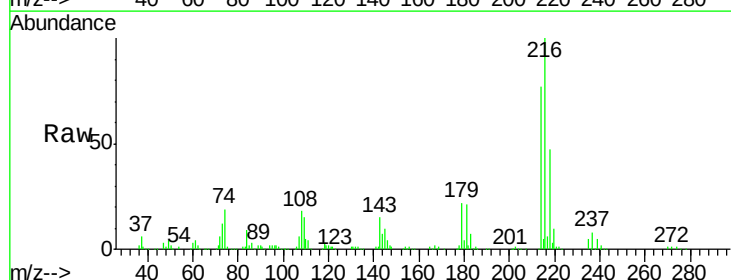
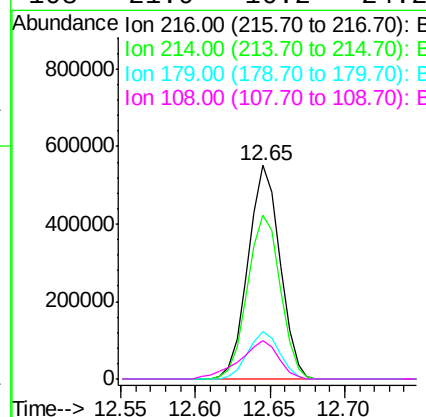
RT: 12.65 min Scan# 1642

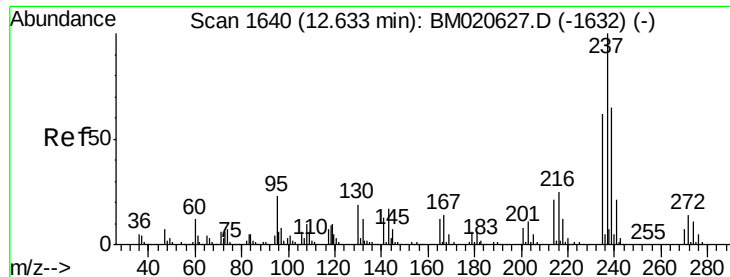
Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tgt Ion:	216	Resp:	818077
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.0	94.4
179	22.2	17.9	26.9
108	21.9	16.2	24.2





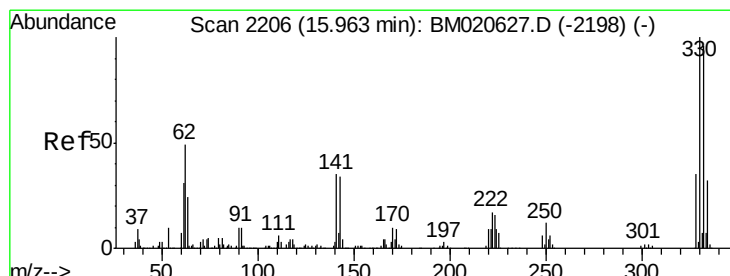
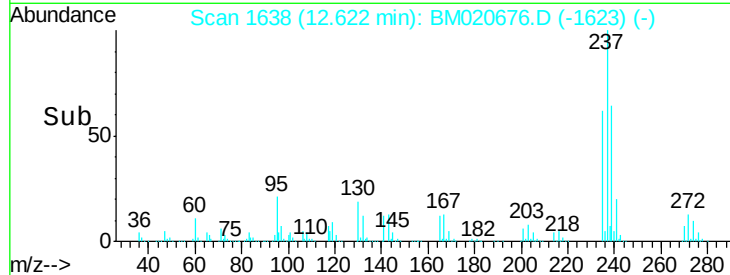
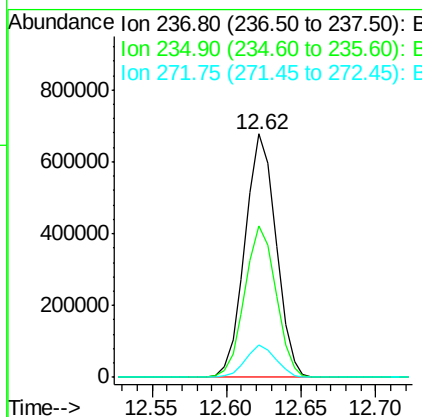
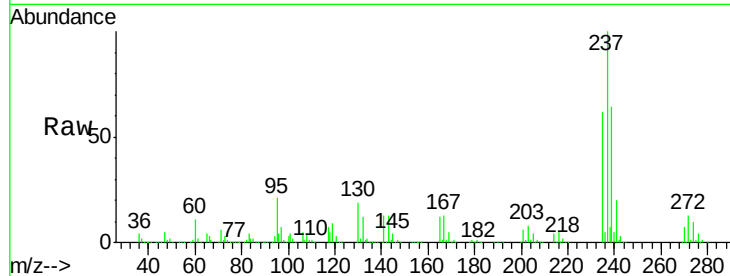
#41
Hexachlorocyclopentadiene
Concen: 68.137 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	975179		
235	62.2		42.1	82.1
272	13.3		0.0	33.5

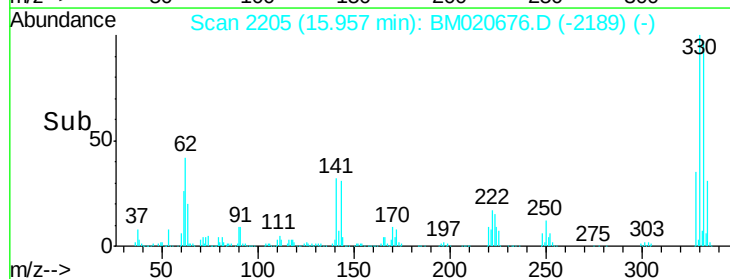
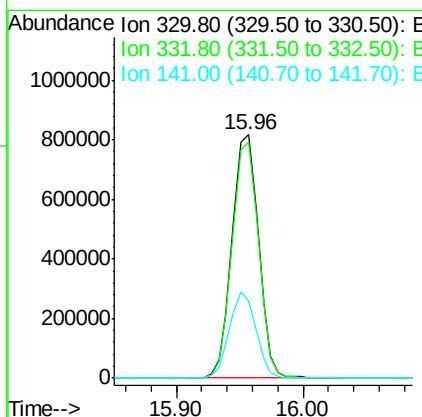
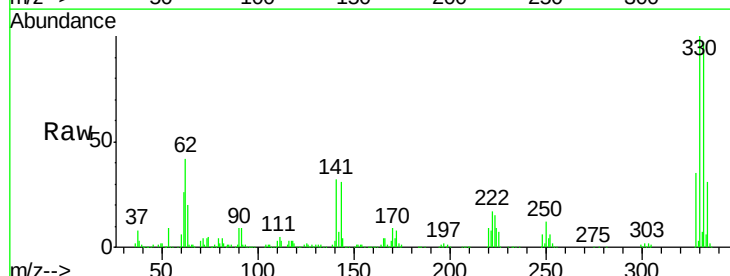
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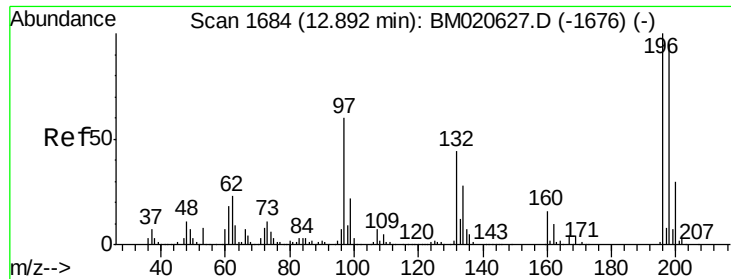
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#42
2,4,6-Tribromophenol
Concen: 130.937 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1184646		
332	96.7		77.4	116.0
141	35.5		30.4	45.6





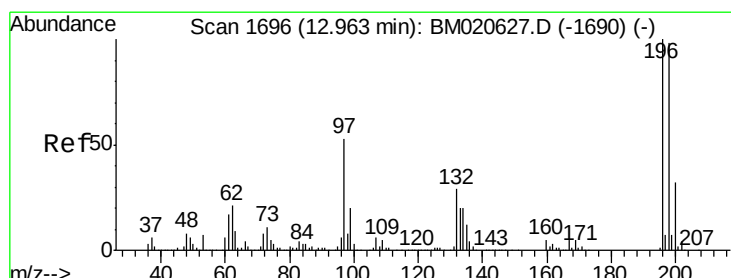
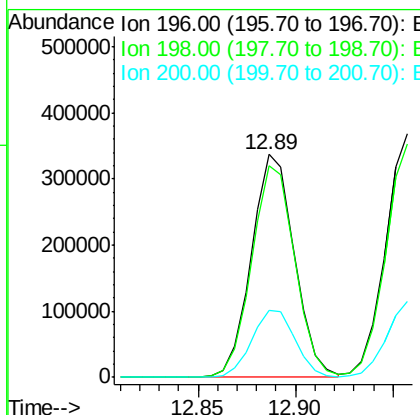
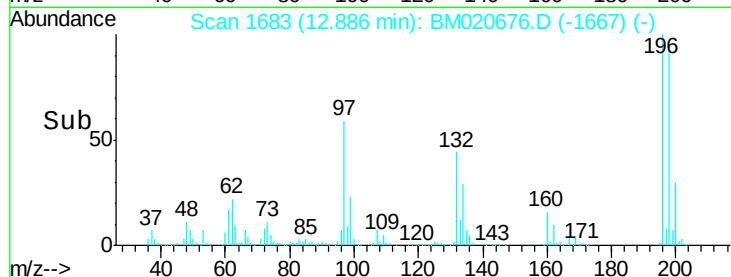
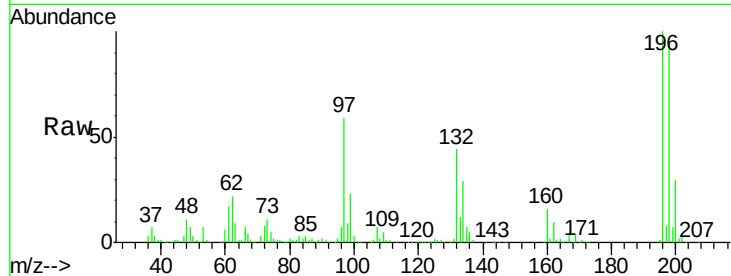
#43
 2,4,6-Trichlorophenol
 Concen: 33.285 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.0	23.9	35.9

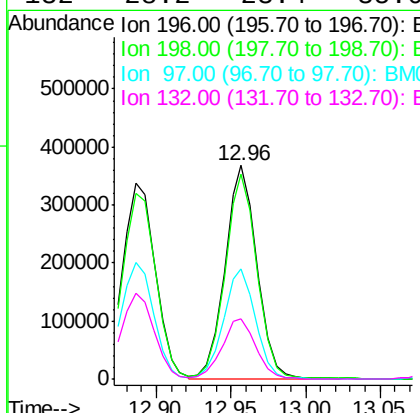
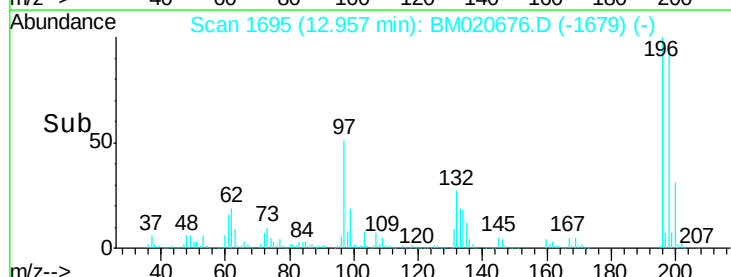
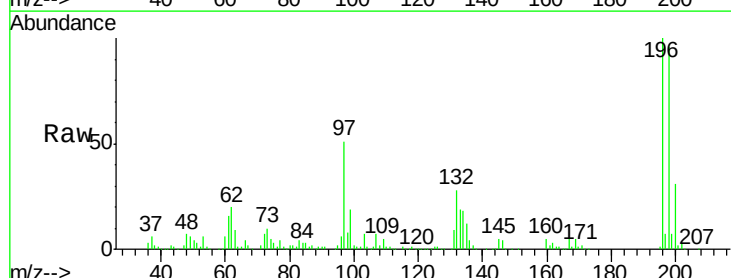
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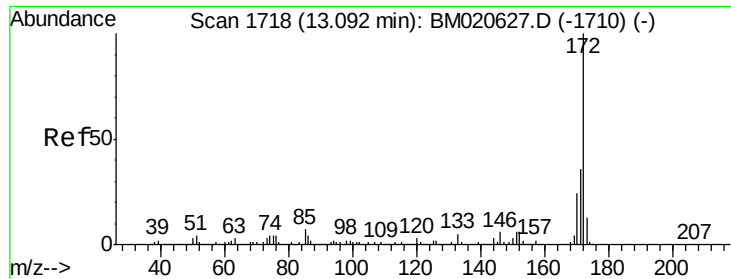
mohammad
 6/5/2019 8:46:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 34.220 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.6	117.8
97	51.5	42.7	64.1
132	28.2	23.4	35.0





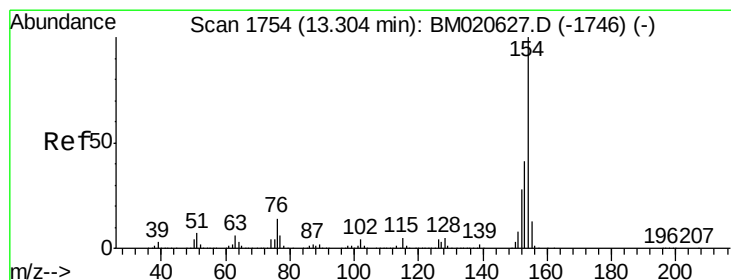
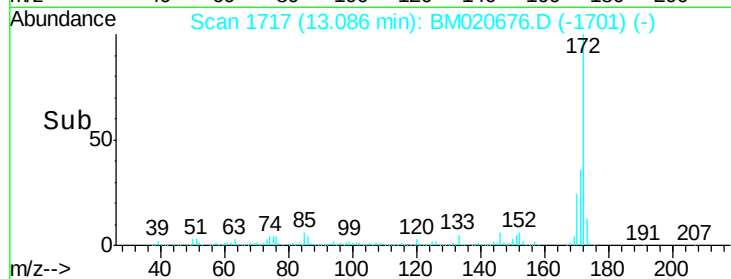
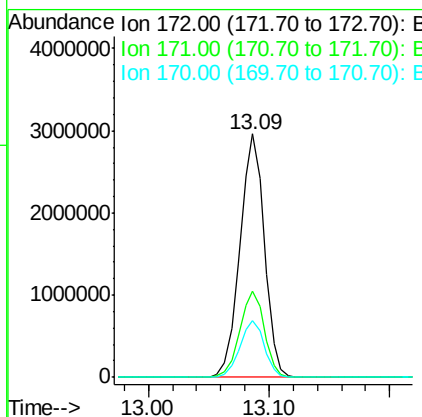
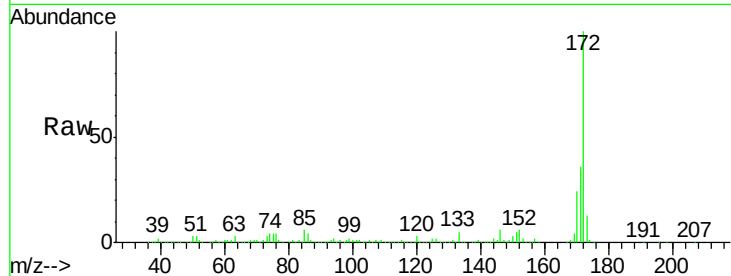
#45
2-Fluorobiphenyl
Concen: 76.057 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	18.9	28.3

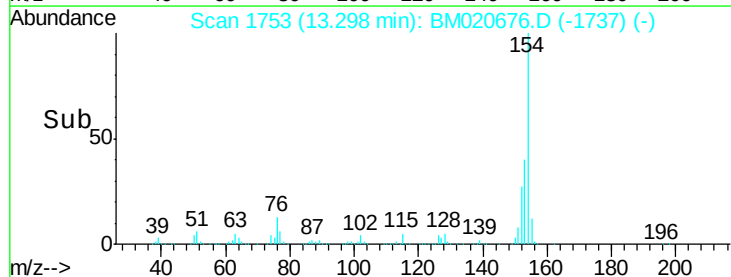
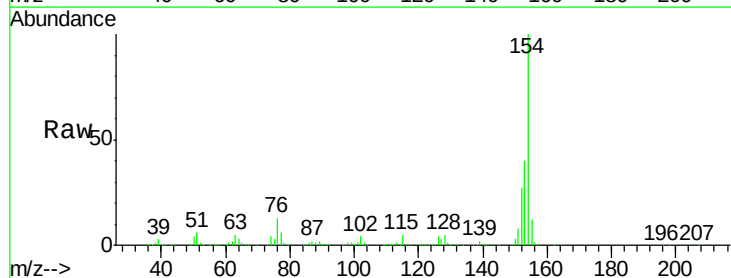
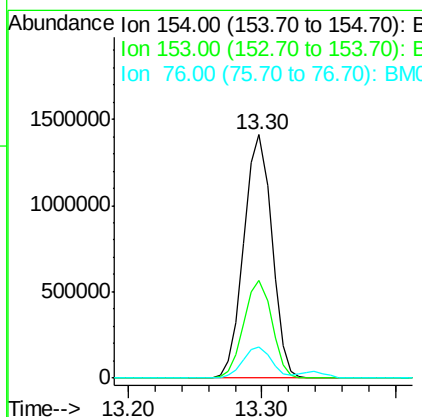
Manual Integrations
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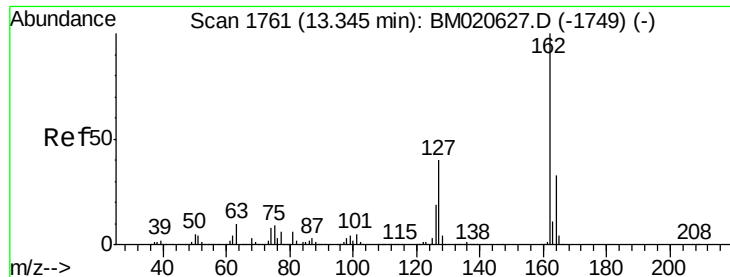
mohammad
6/5/2019 8:46:04 AM



#46
1,1'-Biphenyl
Concen: 33.609 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

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





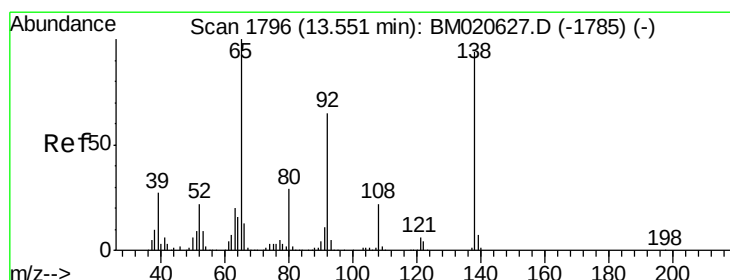
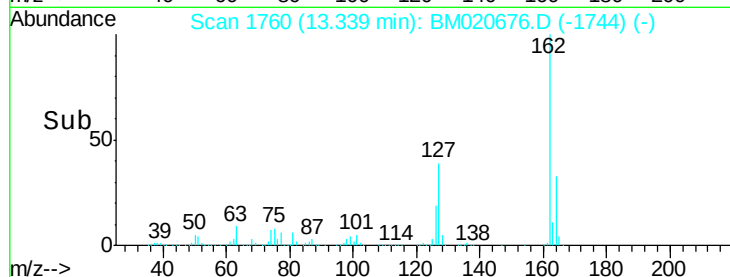
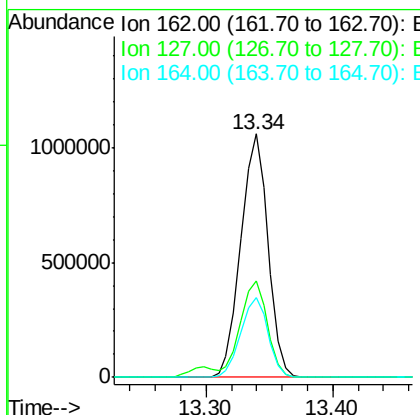
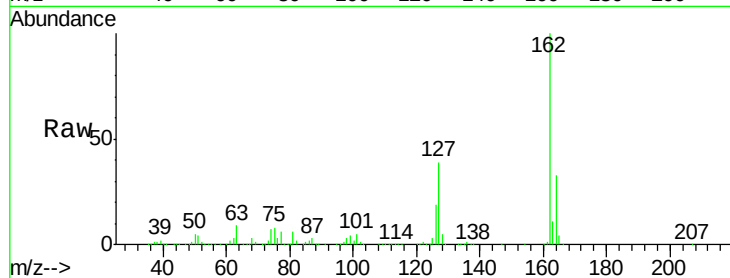
#47
2-Chloronaphthalene
Concen: 31.951 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampled :
PB120221BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.1	48.1
164	33.0	26.6	39.8

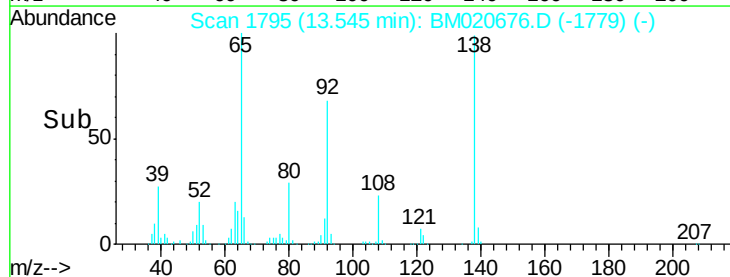
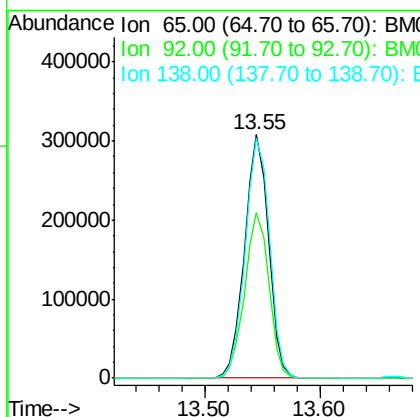
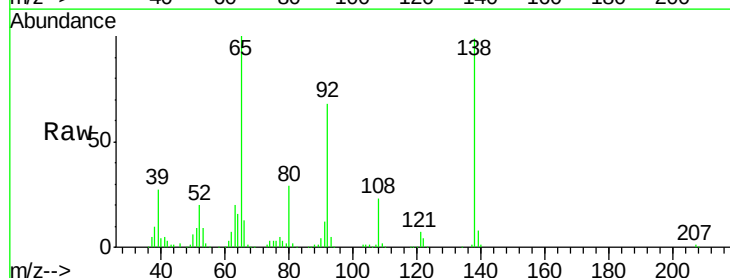
Manual Integrations
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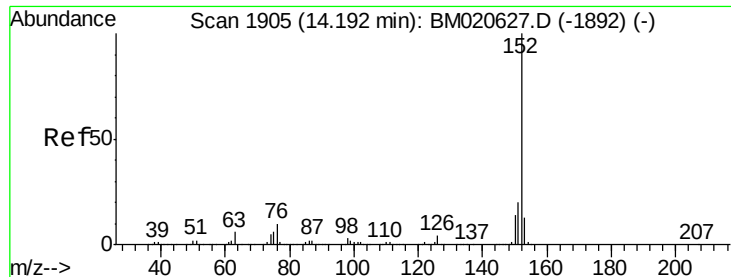
mohammad
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#48
2-Nitroaniline
Concen: 28.859 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	52.2	78.4
138	98.5	75.4	113.0





#49

Acenaphthylene

Concen: 32.081 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion:152 Resp: 2463814

Ion Ratio Lower Upper

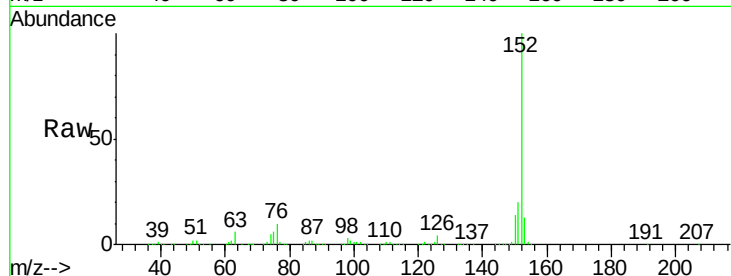
152 100

151 20.1 16.2 24.2

153 13.0 10.6 15.8

Manual Integrations
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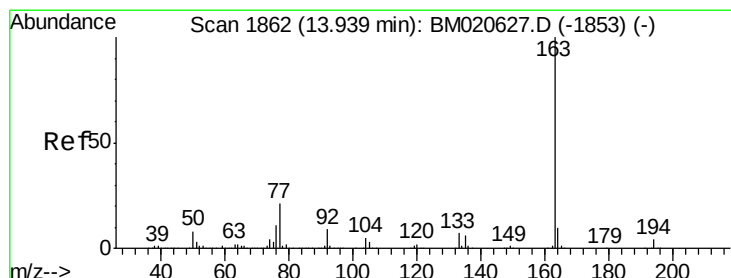
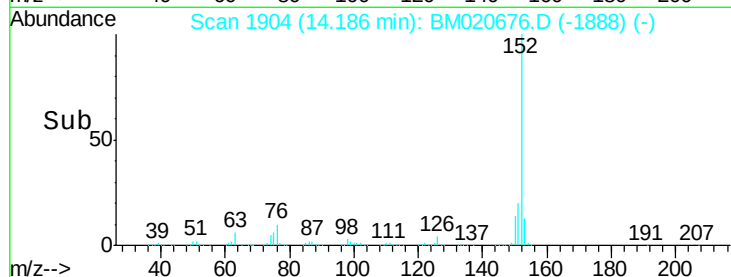
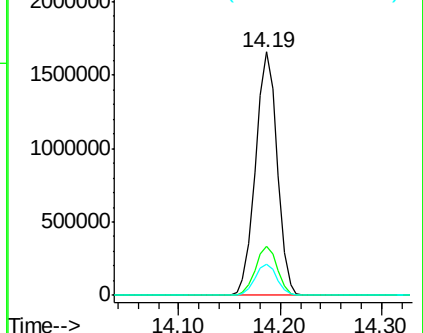
mohammad
6/5/2019 8:46:04 AM



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: 29.975 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

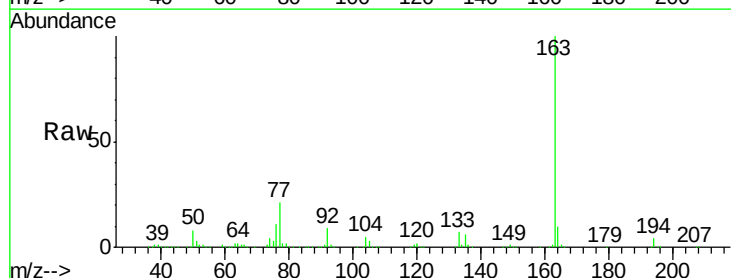
Tgt Ion:163 Resp: 1870054

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

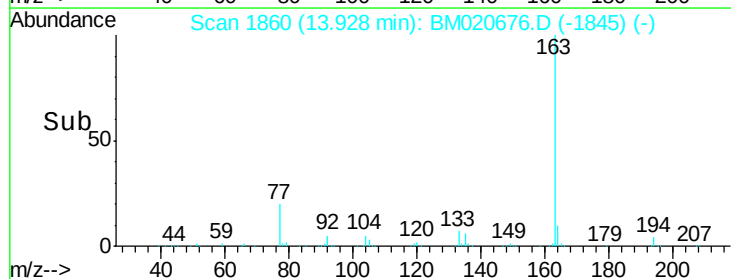
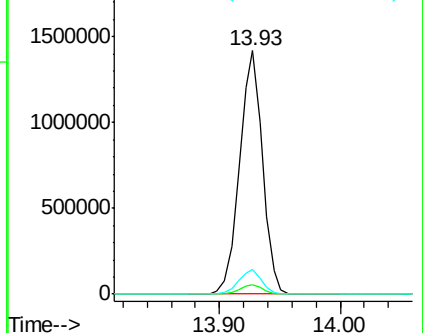
164 10.1 7.9 11.9

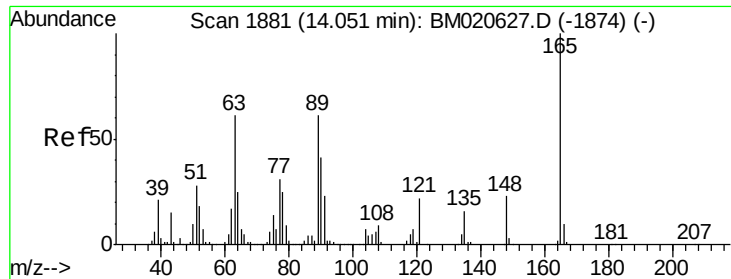


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





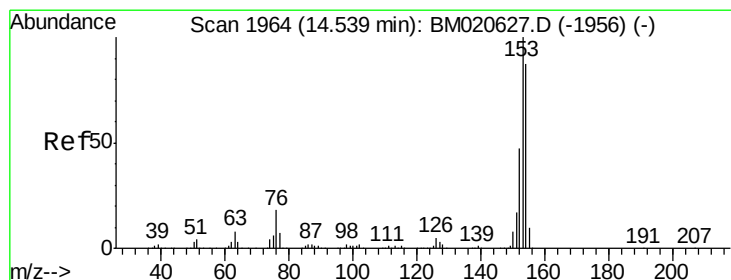
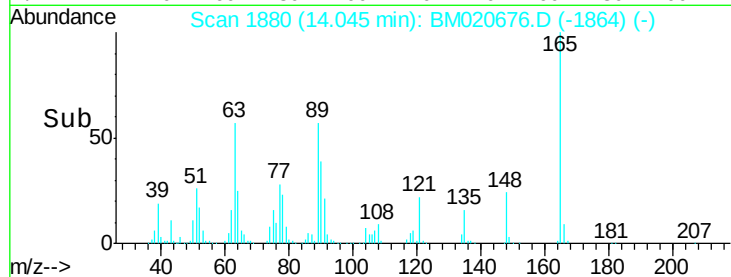
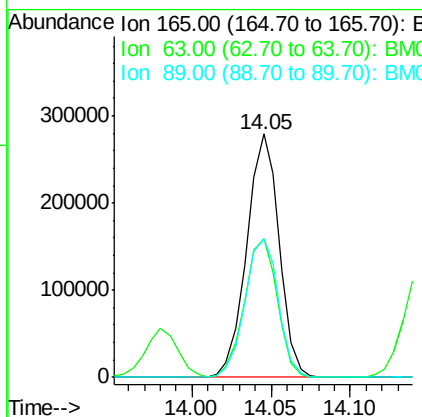
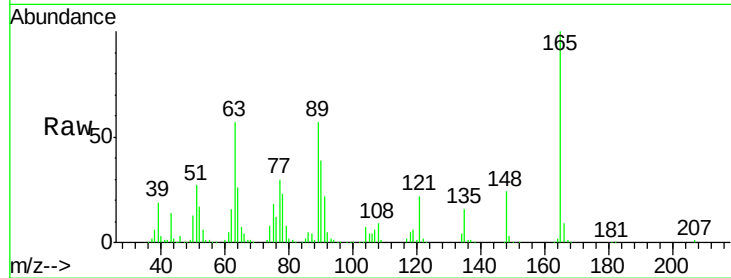
#51
2,6-Dinitrotoluene
Concen: 31.262 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	396014		
63	57.2		50.4	75.6
89	57.1		49.1	73.7

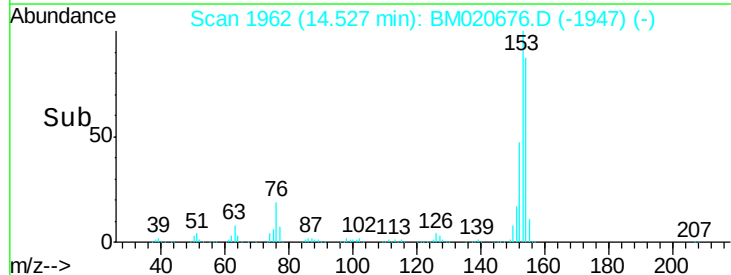
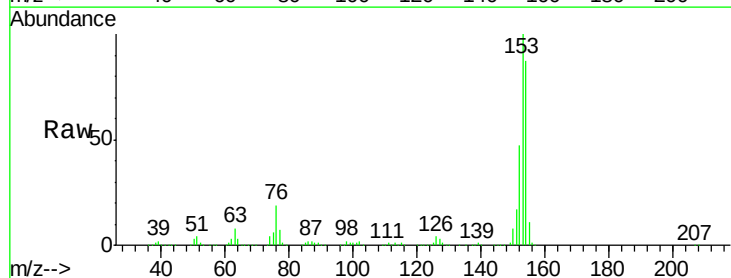
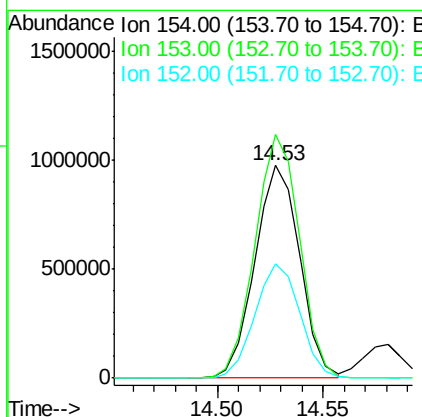
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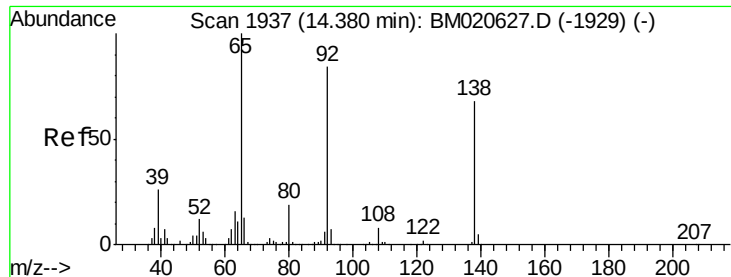
mohammad
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#52
Acenaphthene
Concen: 31.355 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1435049		
153	114.7		92.4	138.6
152	53.9		43.4	65.0





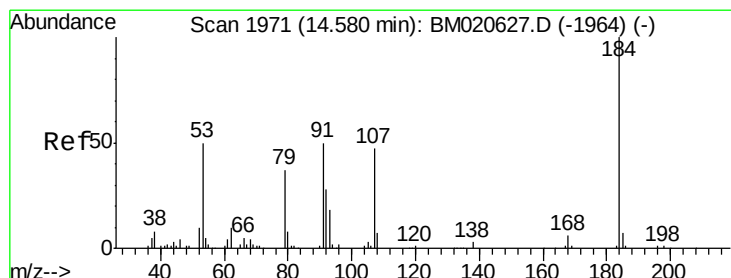
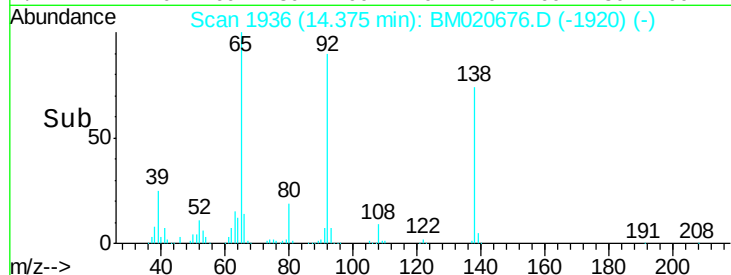
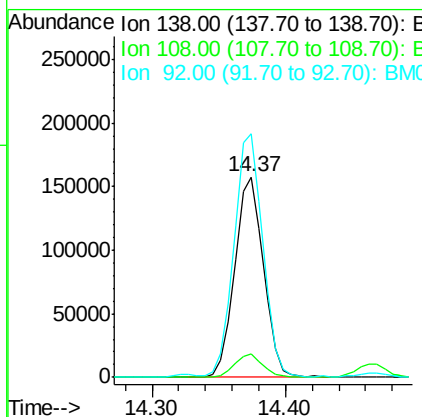
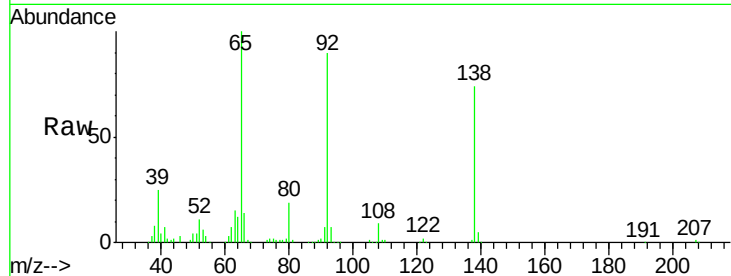
#53
3-Nitroaniline
Concen: 16.697 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampled :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	236078		
108	11.9	9.5	14.3	
92	121.5	99.6	149.4	

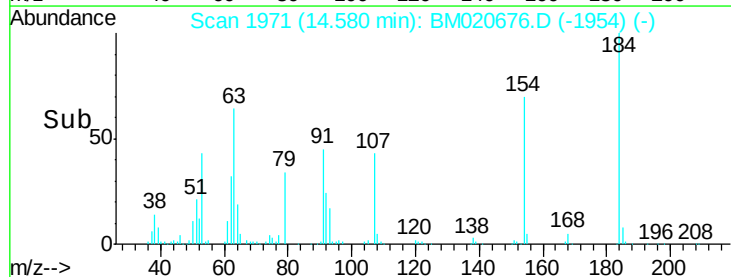
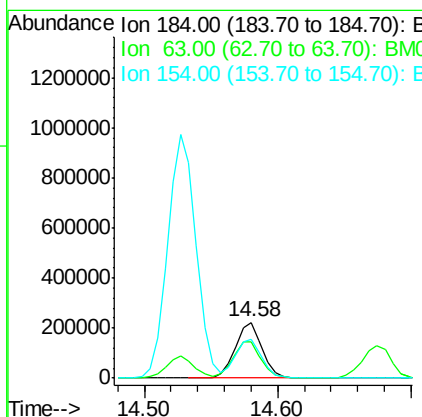
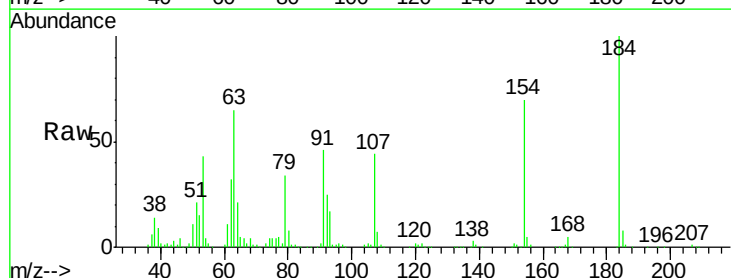
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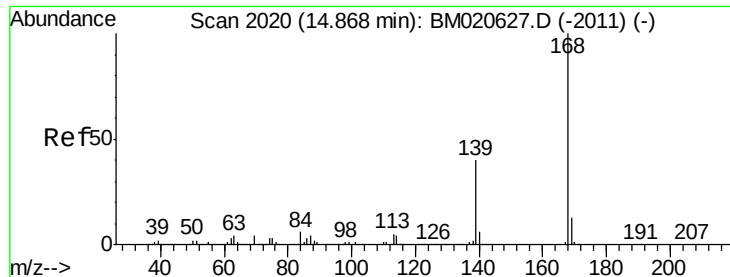
mohammad
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#54
2,4-Dinitrophenol
Concen: 58.865 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	309304		
63	64.5	59.3	88.9	
154	70.2	56.5	84.7	





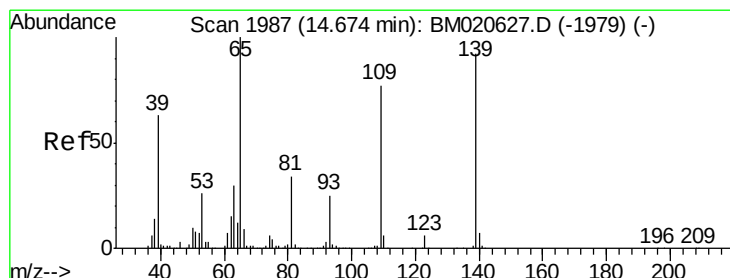
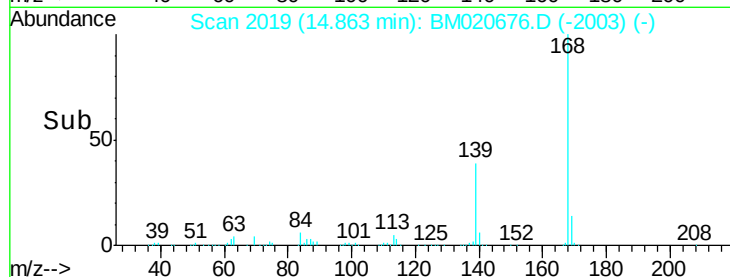
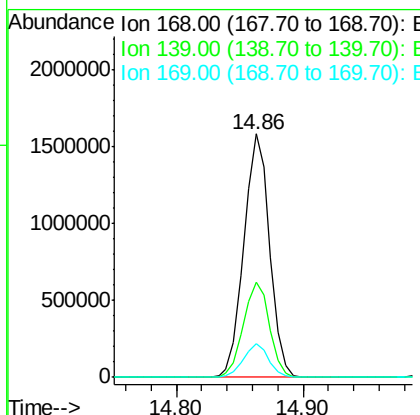
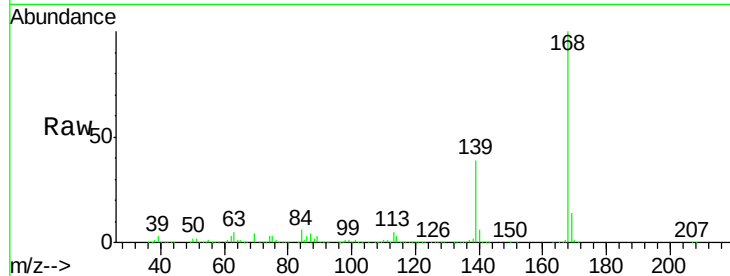
#55
Dibenzofuran
Concen: 31.275 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.9	47.9
169	13.6	10.7	16.1

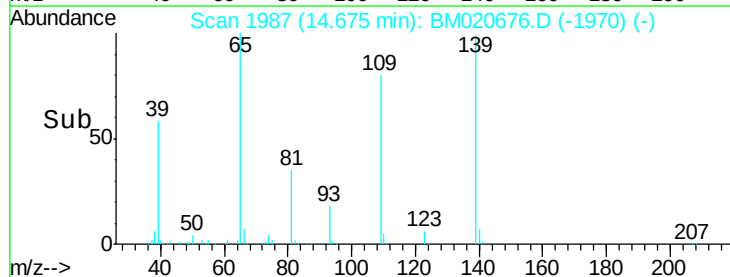
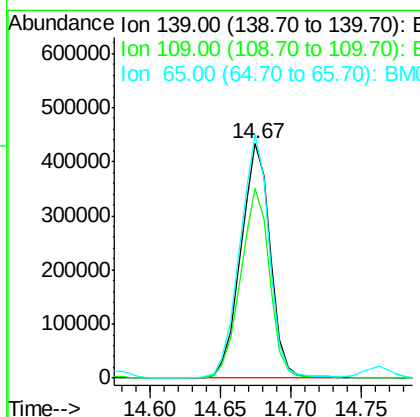
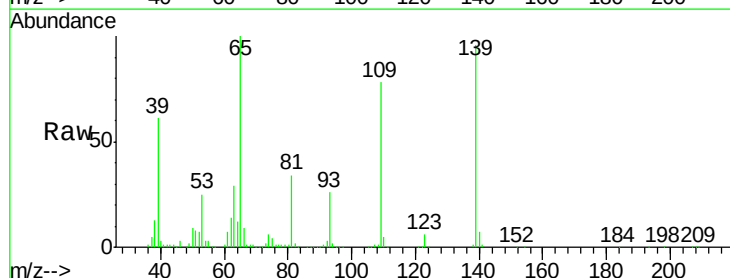
Manual Integrations
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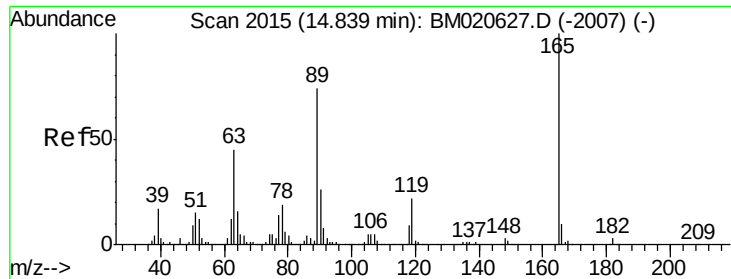
mohammad
6/5/2019 8:46:04 AM



#56
4-Nitrophenol
Concen: 60.617 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.1	62.7	102.7
65	103.8	88.3	128.3





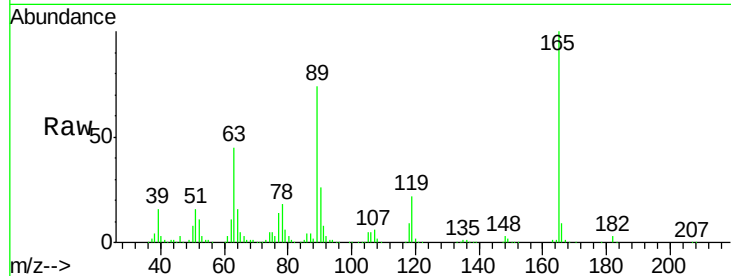
#57
2,4-Dinitrotoluene
Concen: 30.768 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.3	54.5
89	73.6	59.0	88.6
182	2.7	2.2	3.4

Manual Integrations
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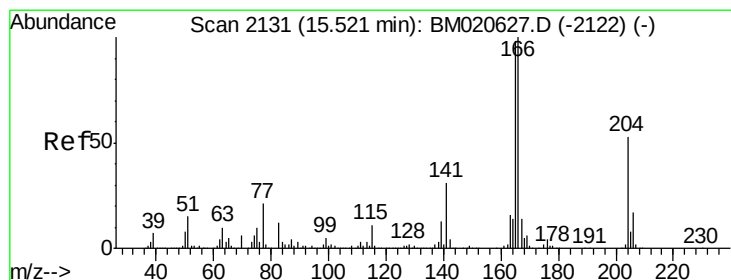
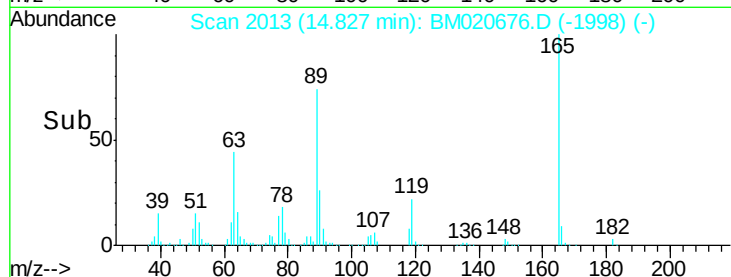
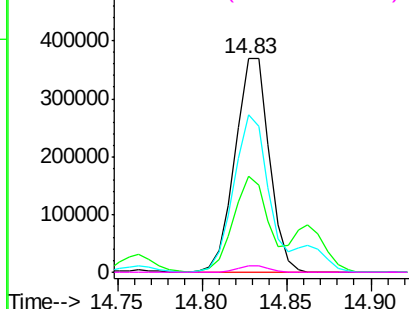


Abundance Ion 165.00 (164.70 to 165.70): E

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



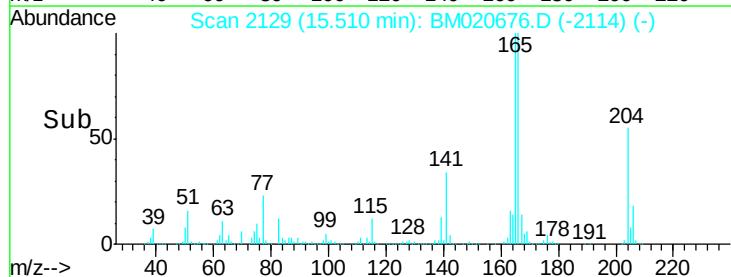
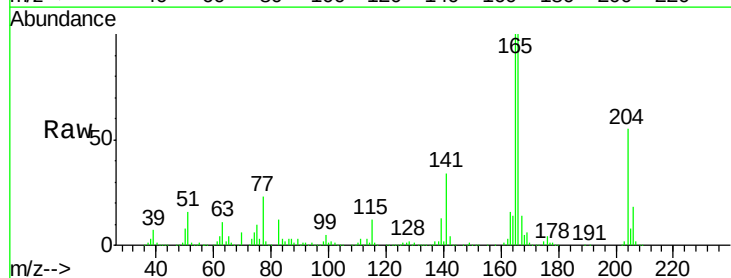
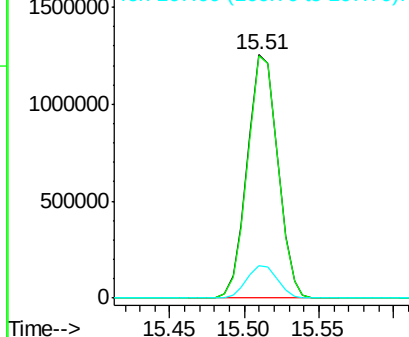
#58
Fluorene
Concen: 30.282 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

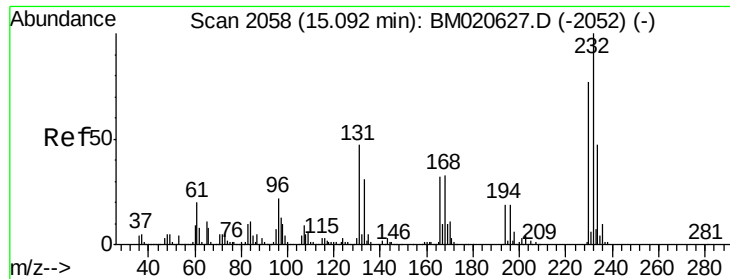
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	13.6	11.0	16.4

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





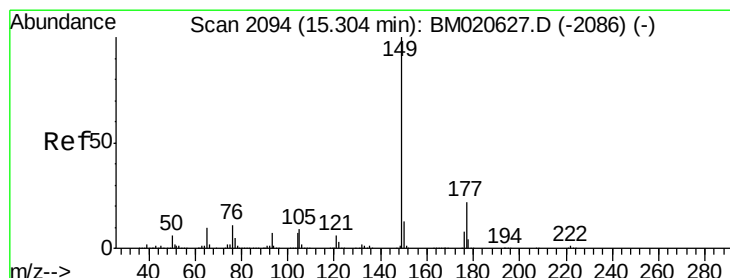
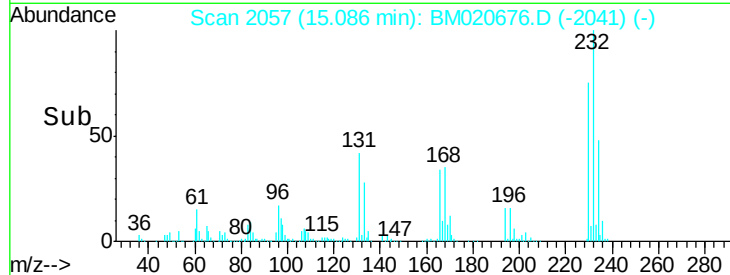
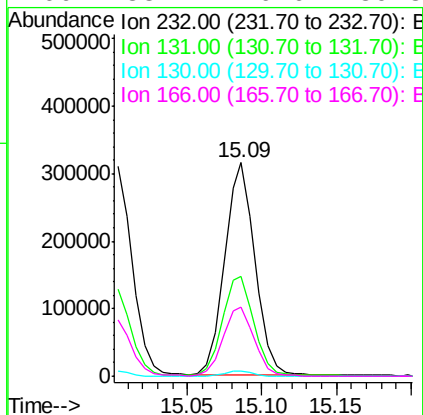
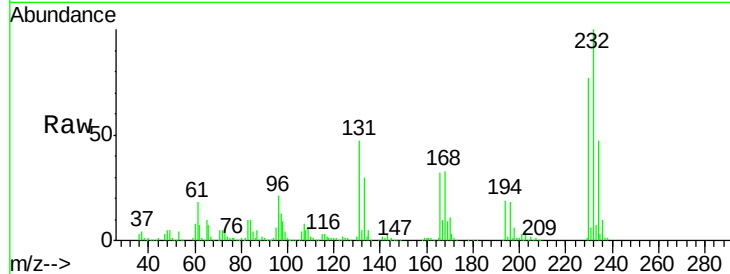
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.224 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampled :
 PB120221BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		446529		
131	48.6	38.6	57.8		
130	2.5	2.2	3.2		
166	33.1	26.6	39.8		

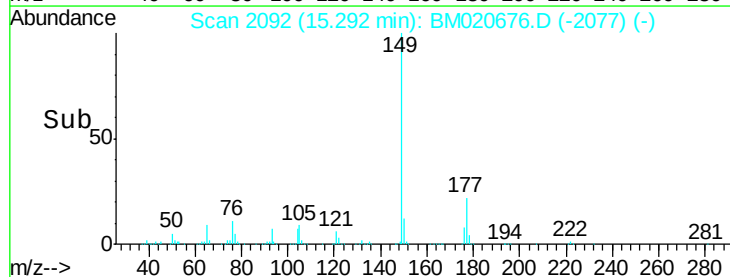
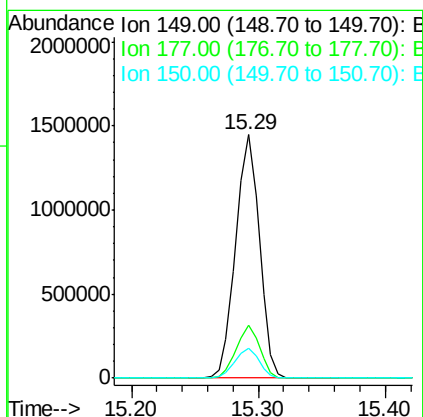
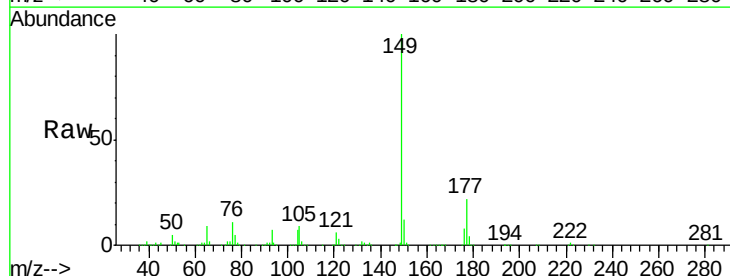
Manual Integrations
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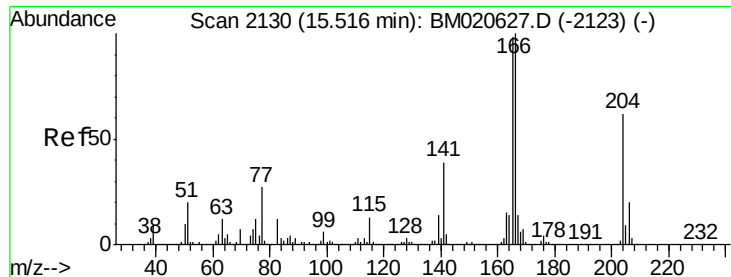
mohammad
 6/5/2019 8:46:04 AM



#60
 Diethylphthalate
 Concen: 29.085 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1871425		
177	21.8	17.2	25.8		
150	12.3	10.1	15.1		





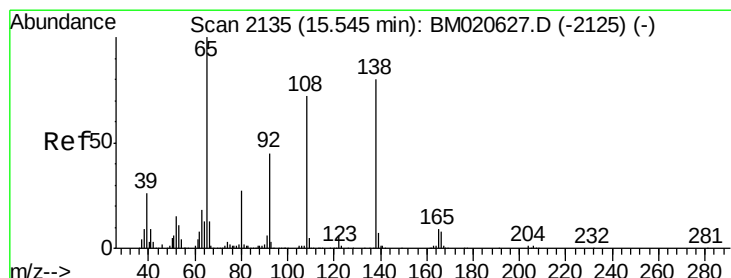
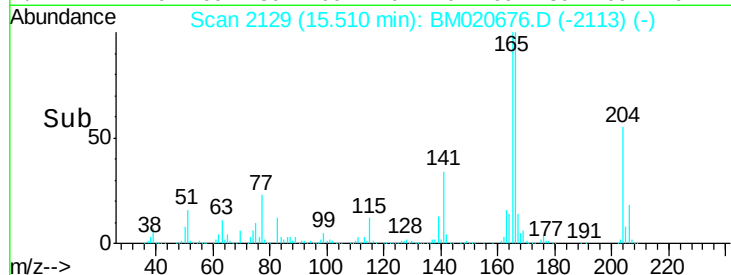
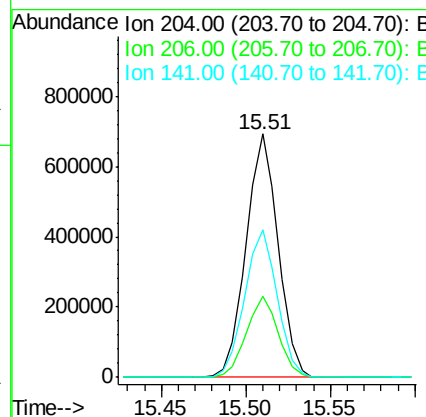
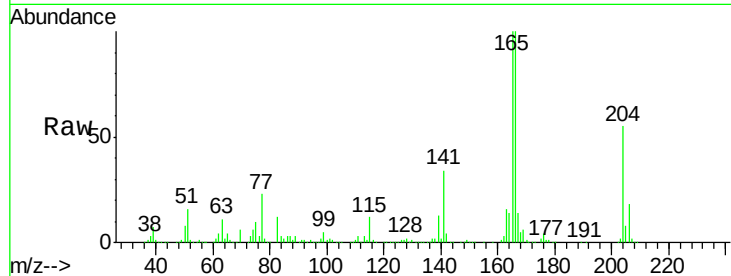
#61
4-Chlorophenyl-phenylether
Concen: 29.529 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	913965		
206	33.4	25.8	38.8	
141	60.8	50.2	75.4	

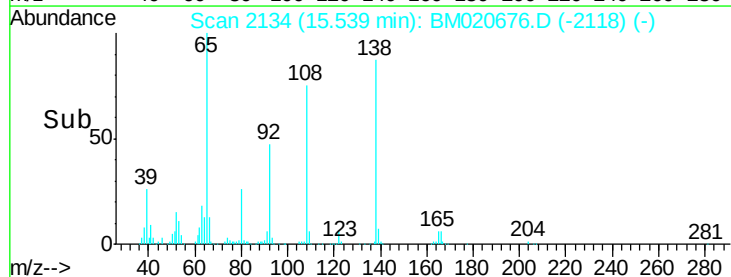
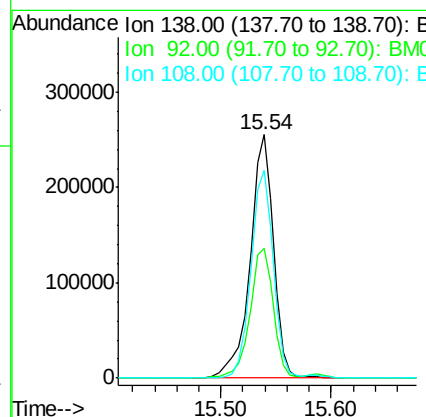
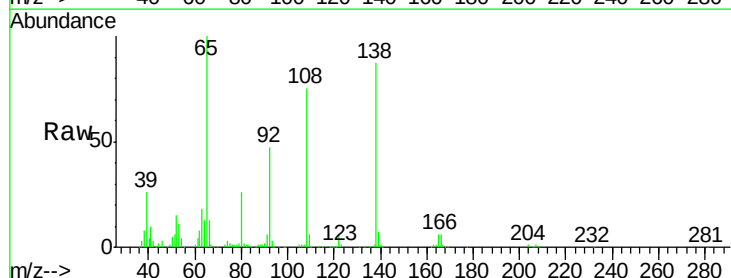
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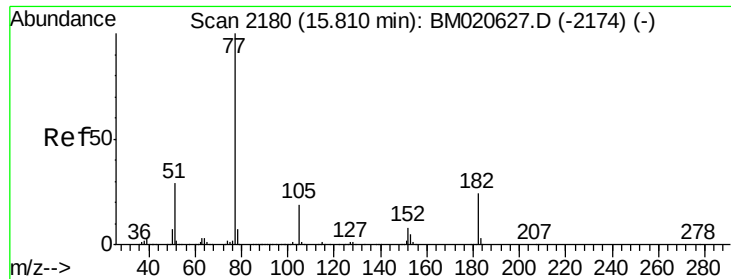
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#62
4-Nitroaniline
Concen: 25.428 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	381302		
92	53.5	36.7	76.7	
108	85.5	70.3	110.3	





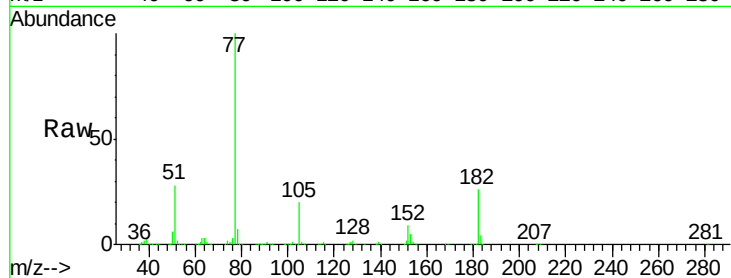
#63
Azobenzene
Concen: 29.319 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.8	3.6	43.6	
105	20.2	0.0	39.4	
51	28.3	9.5	49.5	

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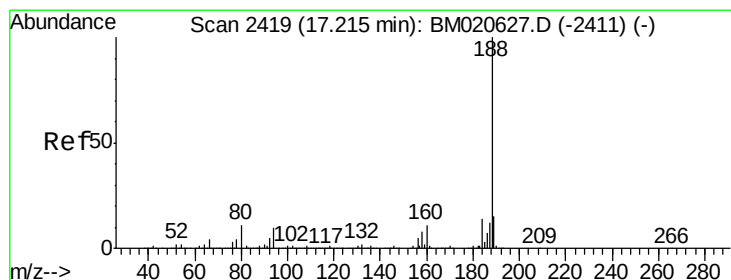
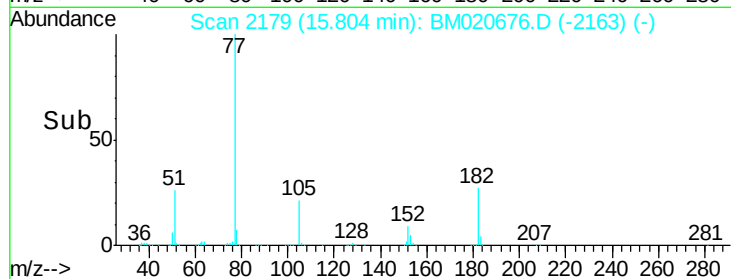
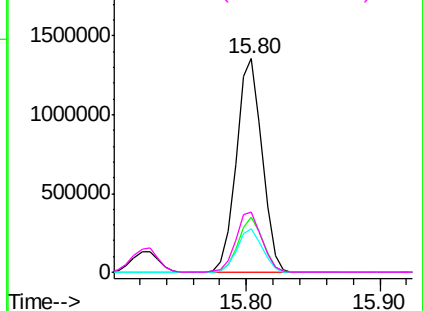


Abundance Ion 77.00 (76.70 to 77.70): BM020676.D (-2174) (-)

Ion 182.00 (181.70 to 182.70): BM020676.D (-2174) (-)

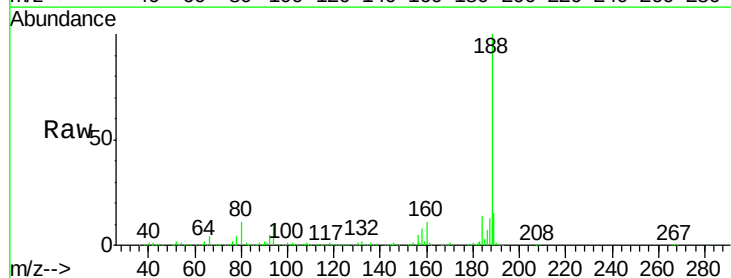
Ion 105.00 (104.70 to 105.70): BM020676.D (-2174) (-)

Ion 51.00 (50.70 to 51.70): BM020676.D (-2174) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

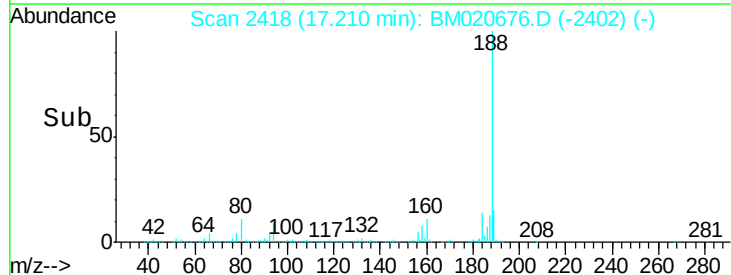
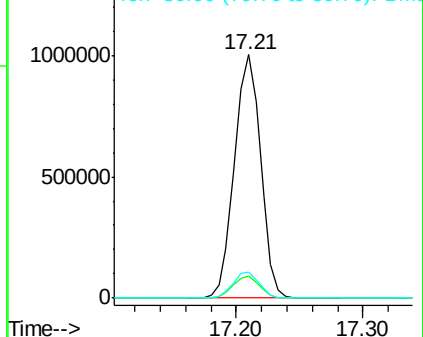
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.8	11.8	
80	10.7	9.0	13.6	

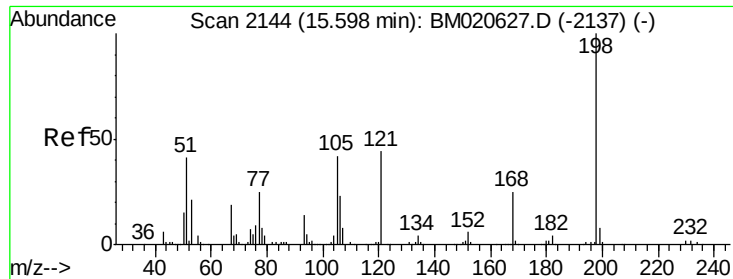


Abundance Ion 188.00 (187.70 to 188.70): BM020676.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020676.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020676.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 32.608 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampled :

PB120221BS

Tot Ion:198 Resp: 189684

Ion Ratio Lower Upper

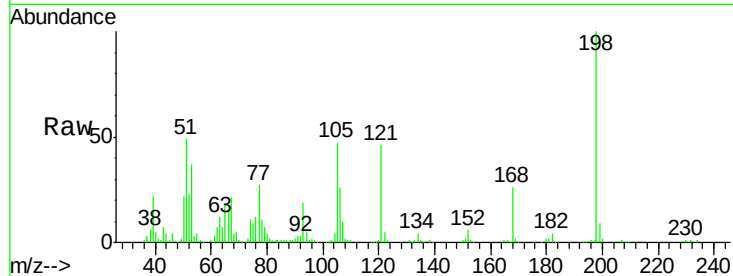
198 100

51 48.7 27.7 67.7

105 46.8 23.8 63.8

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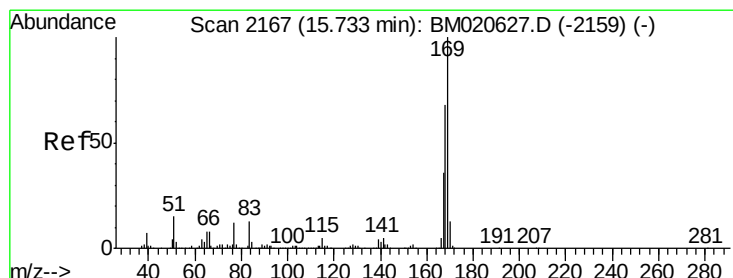
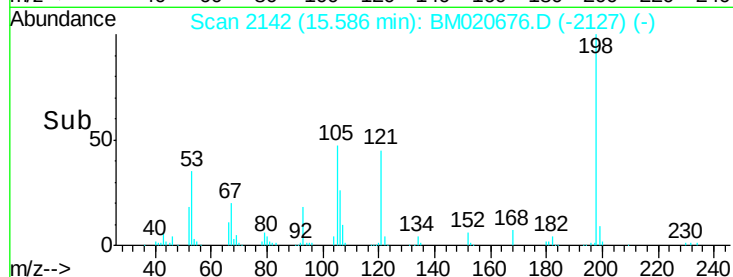
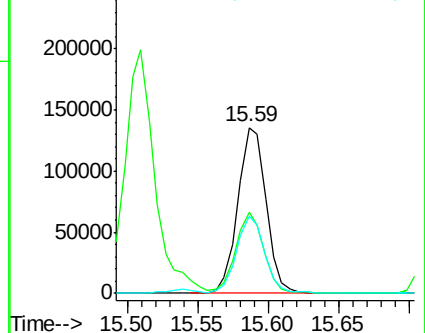
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.272 ng

RT: 15.73 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

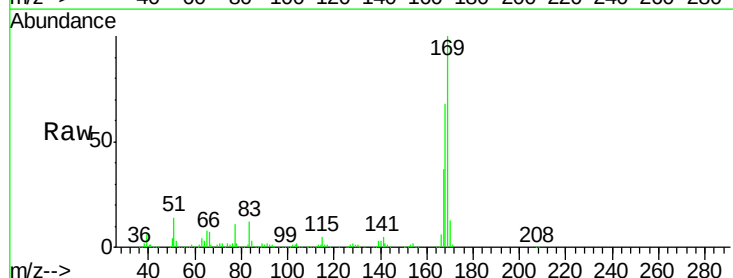
Tgt Ion:169 Resp: 1523035

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

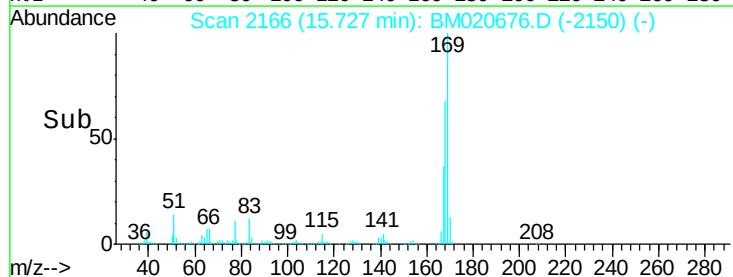
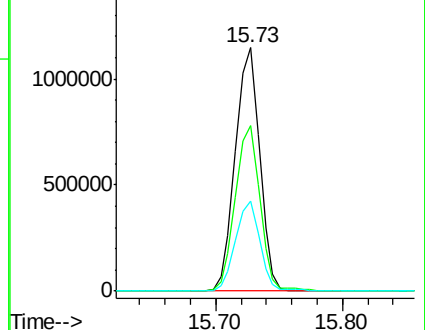
167 36.8 29.1 43.7

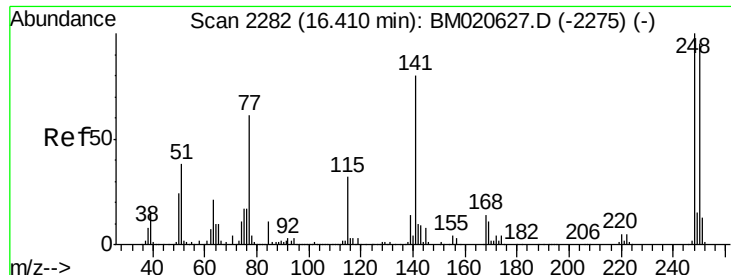


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 31.959 ng

RT: 16.40 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

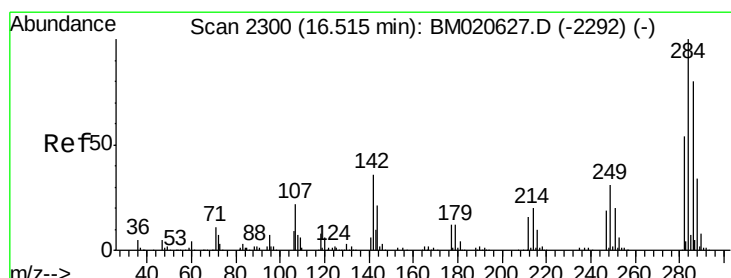
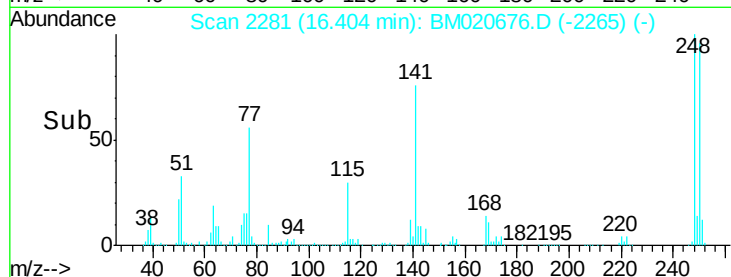
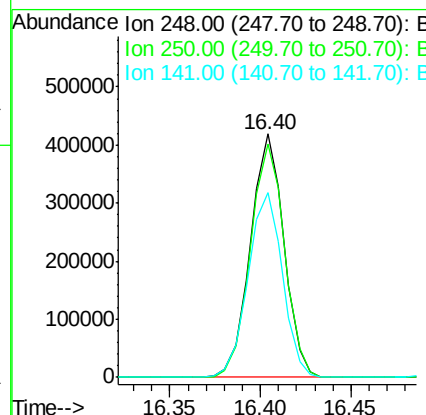
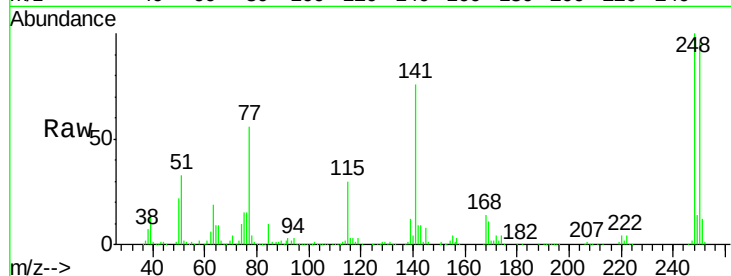
ClientSampled :

PB120221BS

Tot Ion:	248	Resp:	538055
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.3	114.5
141	75.6	64.2	96.2

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#68

Hexachlorobenzene

Concen: 30.905 ng

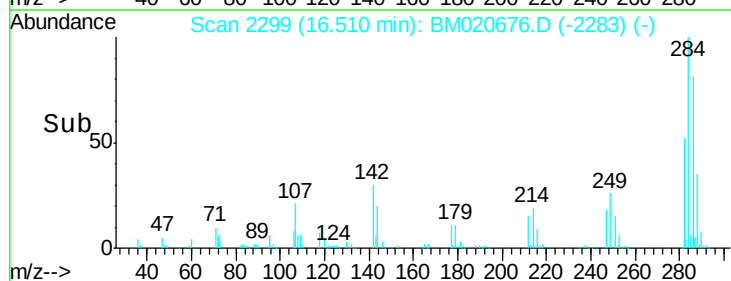
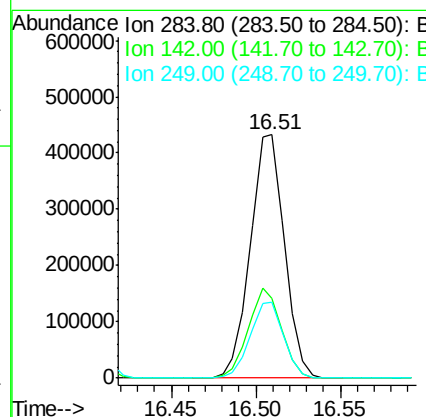
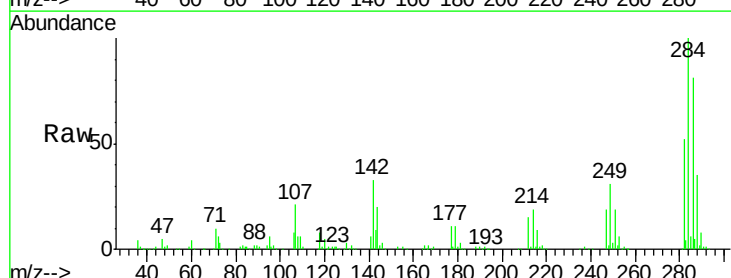
RT: 16.51 min Scan# 2299

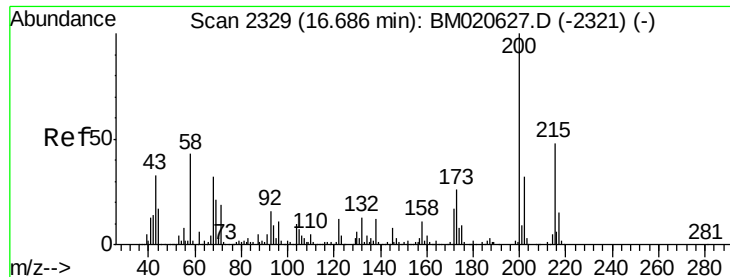
Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tgt Ion:	284	Resp:	607574
Ion Ratio	Lower	Upper	
284	100		
142	32.6	28.6	42.8
249	31.0	25.0	37.4





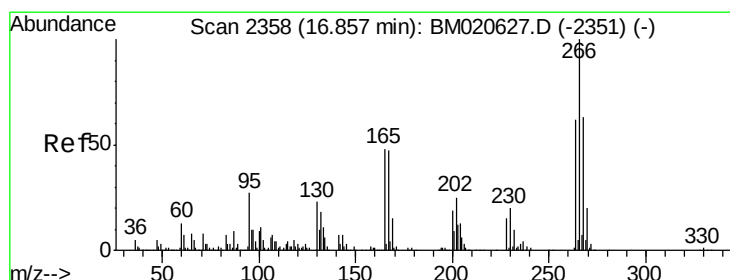
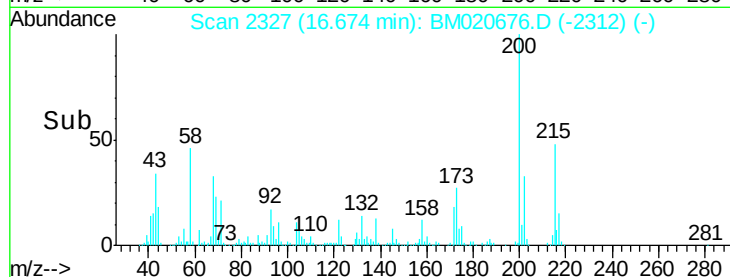
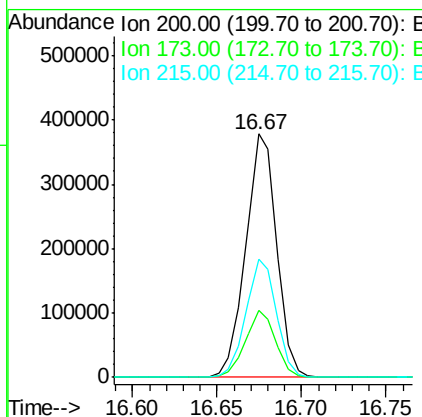
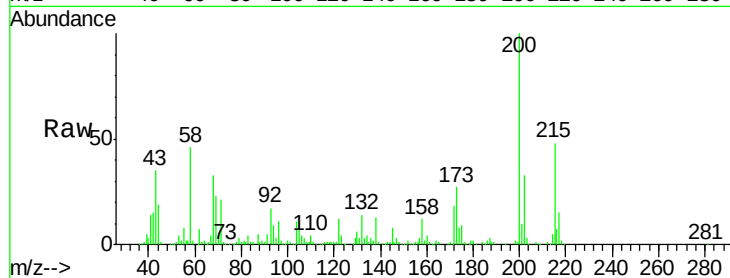
#69
Atrazine
Concen: 35.369 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleID :
PB120221BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.2	46.2
215	48.5	27.7	67.7

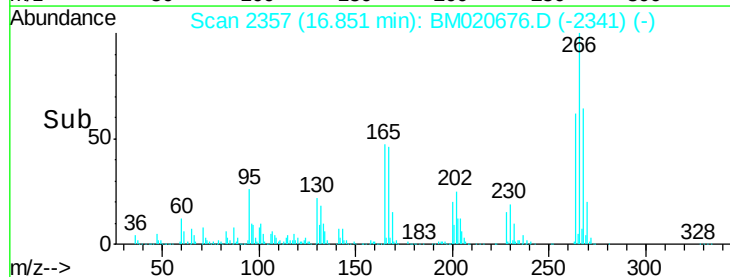
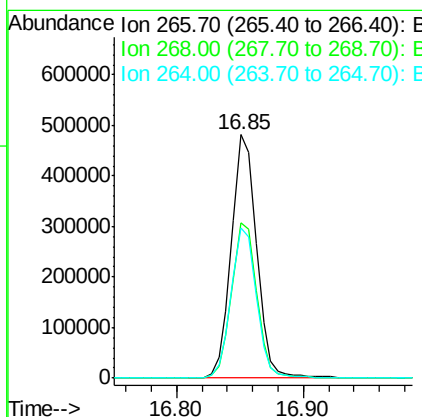
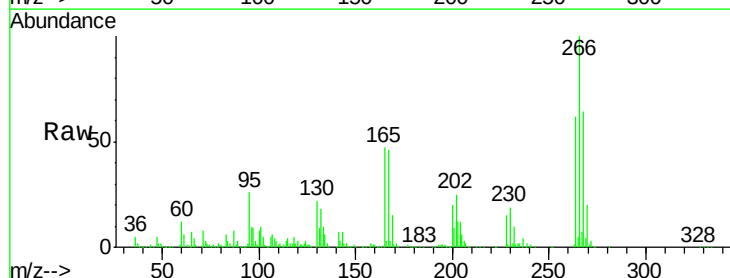
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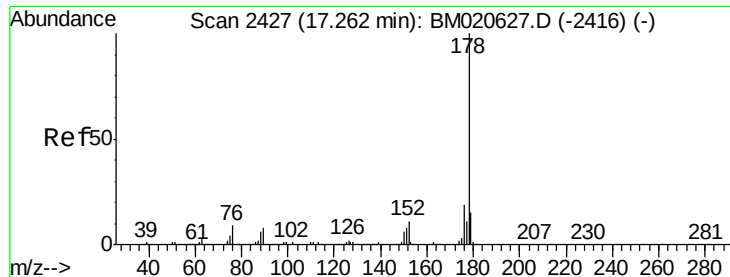
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#70
Pentachlorophenol
Concen: 70.967 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	75.8
264	61.7	49.6	74.4





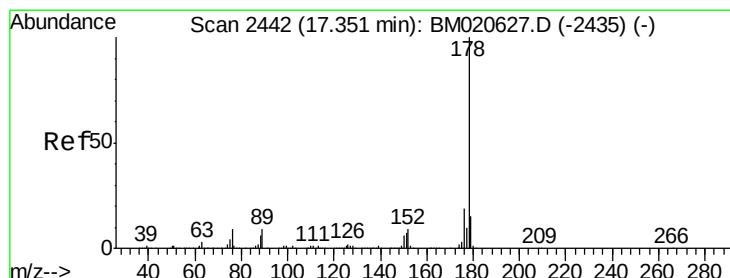
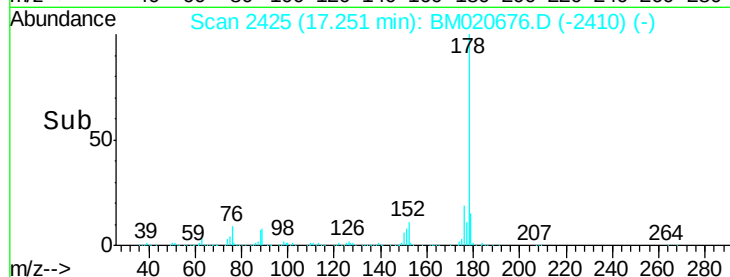
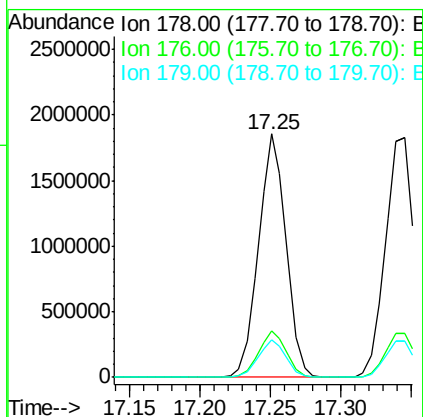
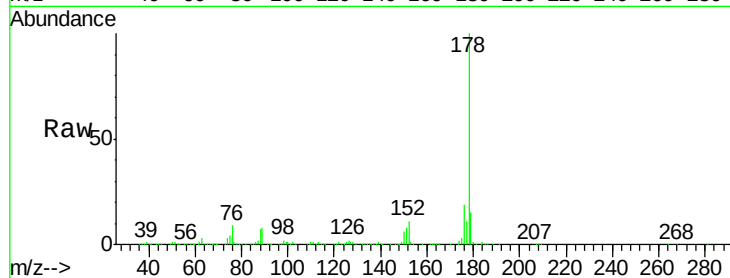
#71
Phenanthrene
Concen: 31.360 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.2	18.4

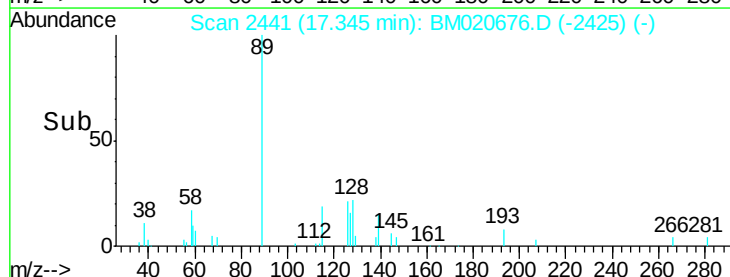
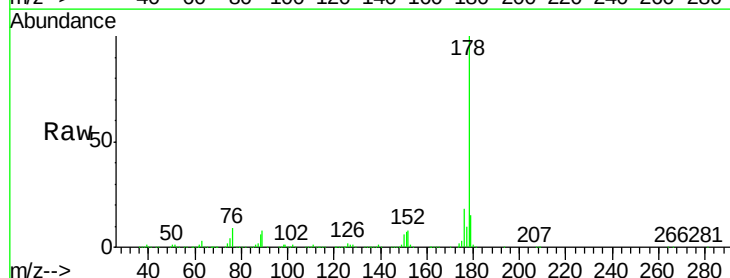
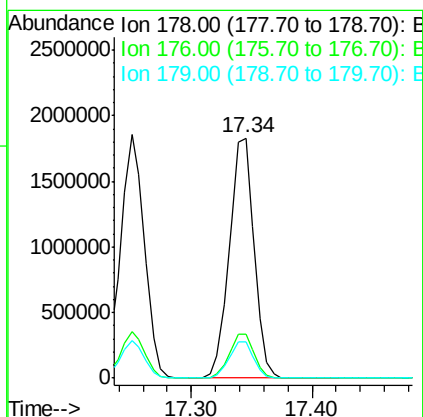
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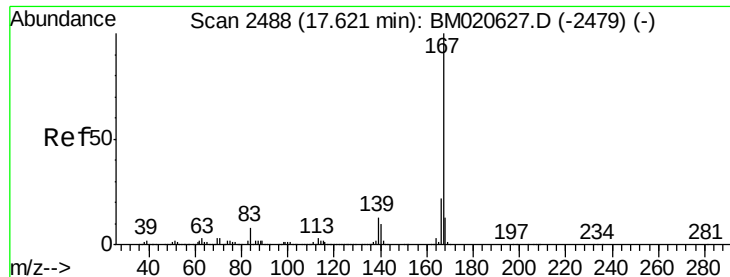
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#72
Anthracene
Concen: 32.077 ng
RT: 17.34 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.4	12.3	18.5





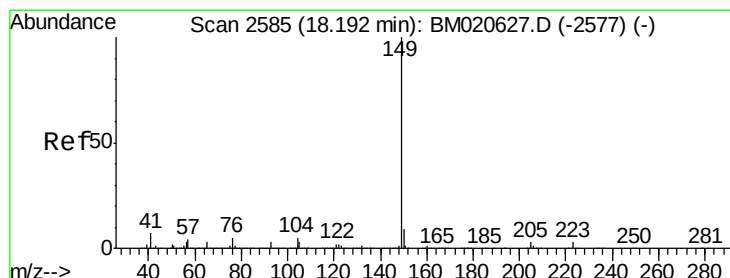
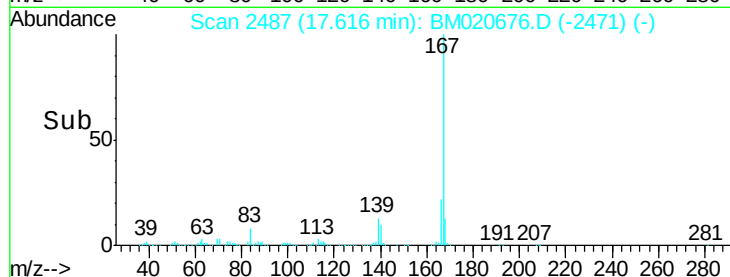
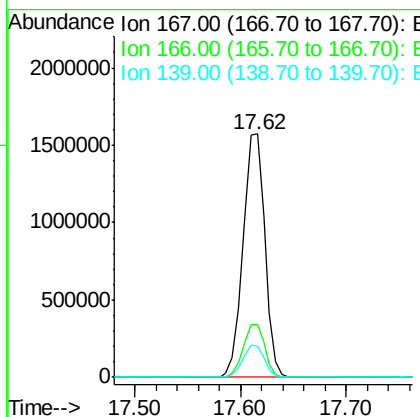
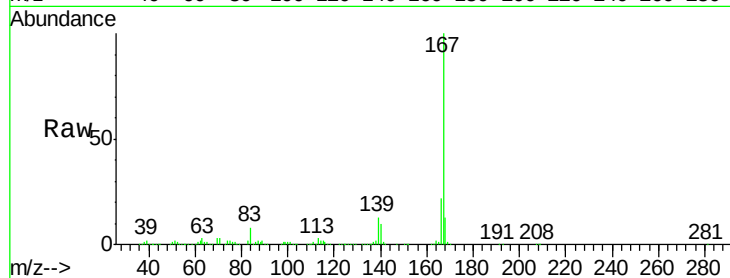
#73
 Carbazole
 Concen: 30.546 ng
 RT: 17.62 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	12.9	10.6	15.8

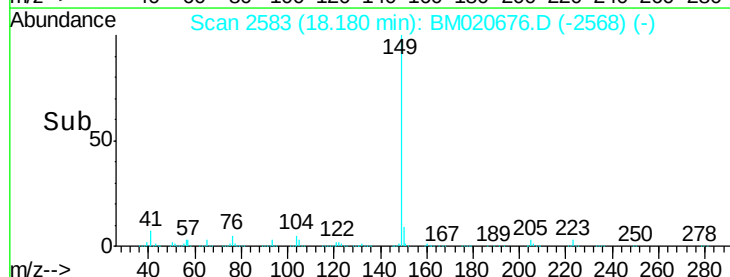
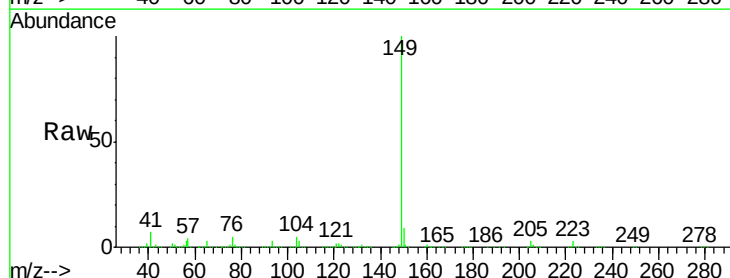
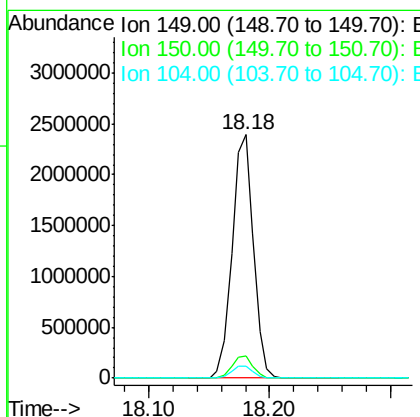
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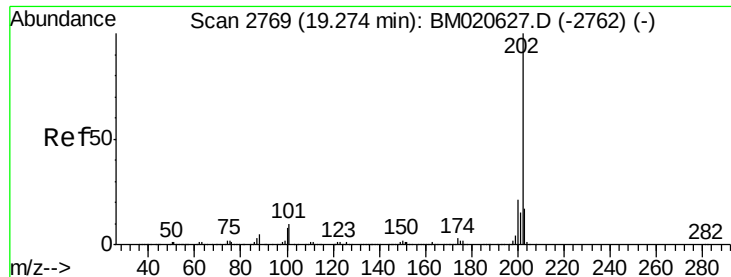
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#74
 Di-n-butylphthalate
 Concen: 30.634 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 29.858 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

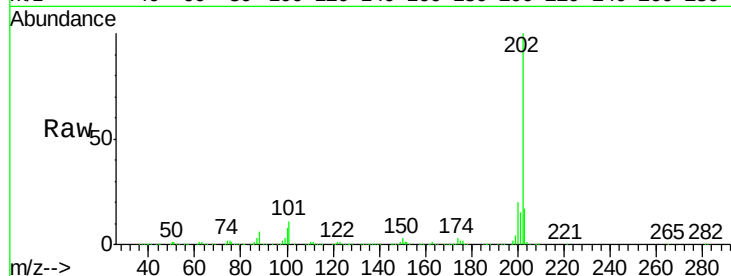
ClientSampleId :

PB120221BS

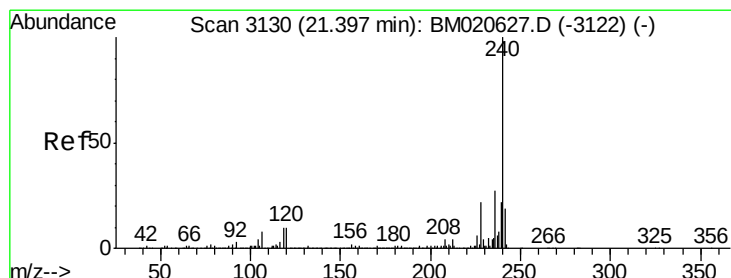
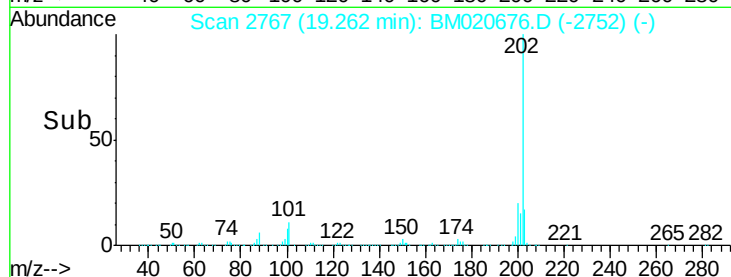
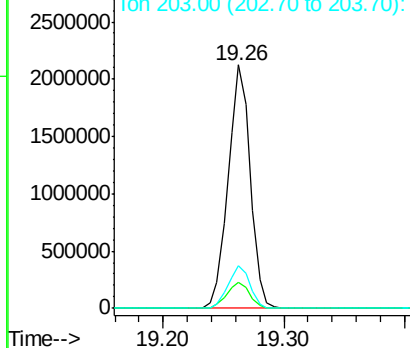
Tot Ion:	202	Resp:	2691331
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.4
203	17.3	0.0	37.3

Manual Integrations
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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

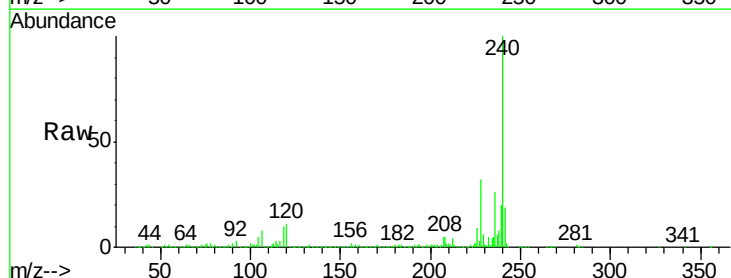
RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

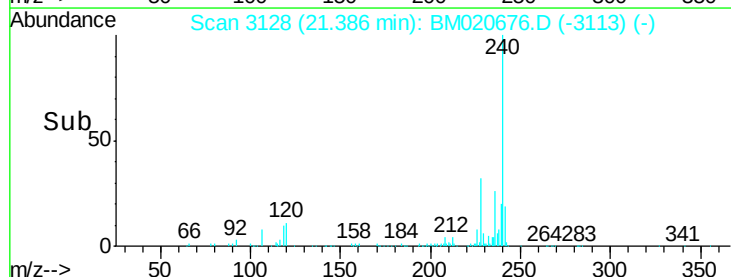
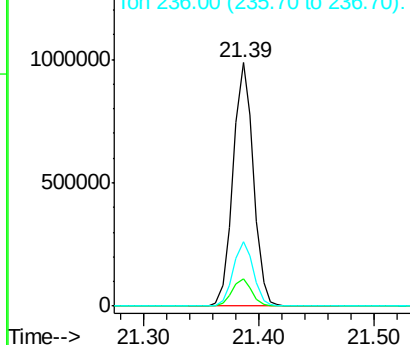
Lab File: BM020676.D

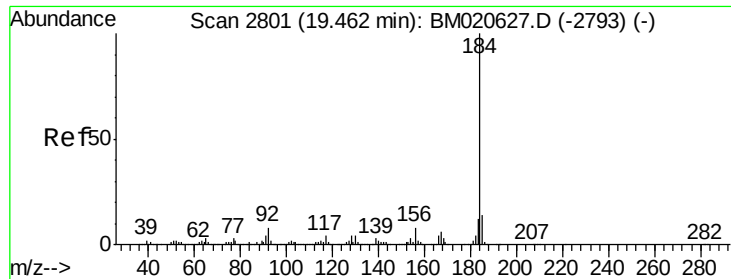
Acq: 03 Jun 2019 18:17

Tgt Ion:	240	Resp:	1197817
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.2	12.2
236	26.5	21.2	31.8



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





#77

Benzidine

Concen: 30.581 ng

RT: 19.46 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion:184 Resp: 1109929

Ion Ratio Lower Upper

184 100

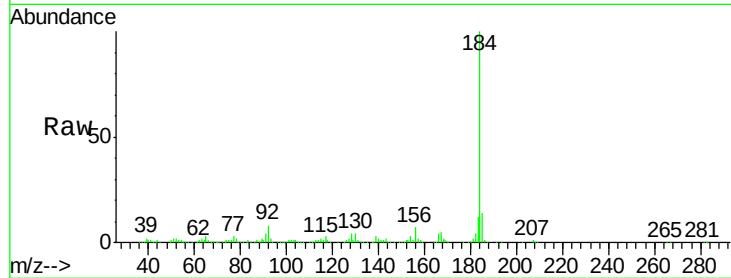
185 14.3 11.3 16.9

183 12.1 9.8 14.6

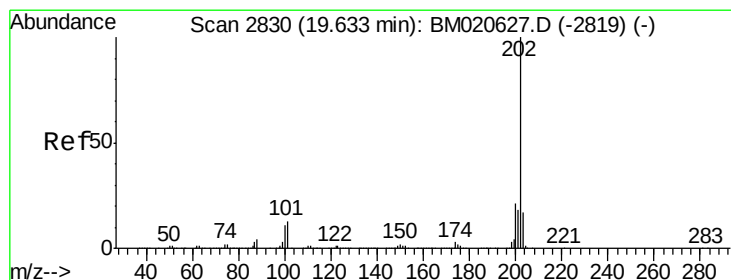
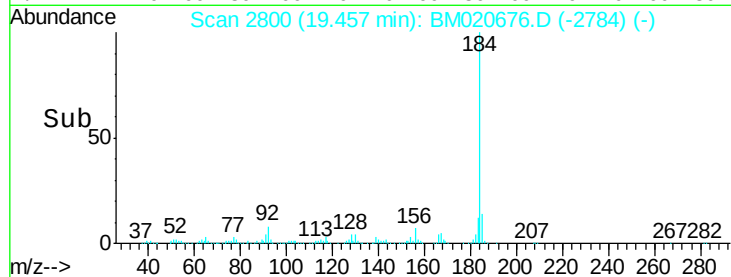
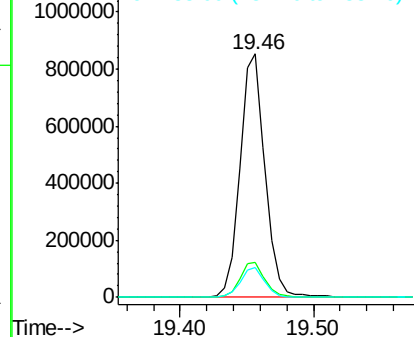
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 29.652 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

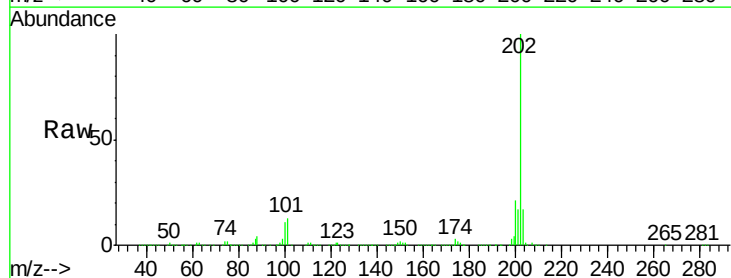
Tgt Ion:202 Resp: 2725533

Ion Ratio Lower Upper

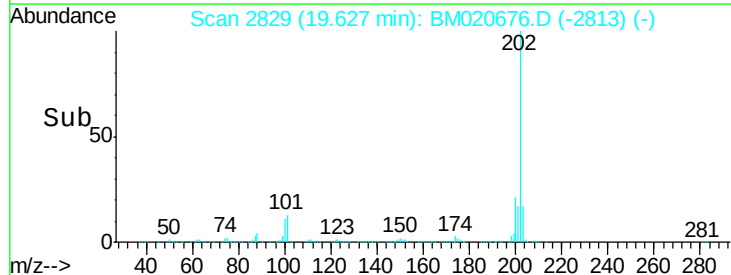
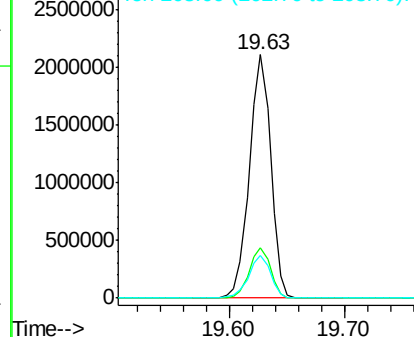
202 100

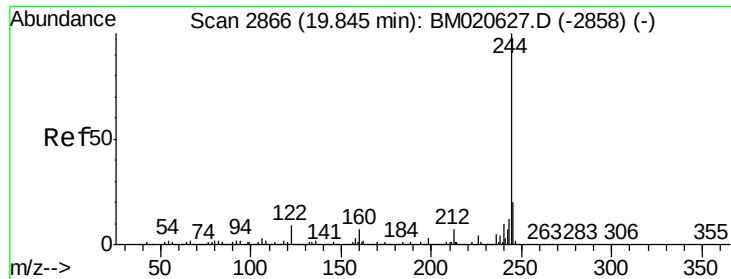
200 20.9 16.8 25.2

203 17.3 13.9 20.9



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





#79
 Terphenyl-d14
 Concen: 62.511 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

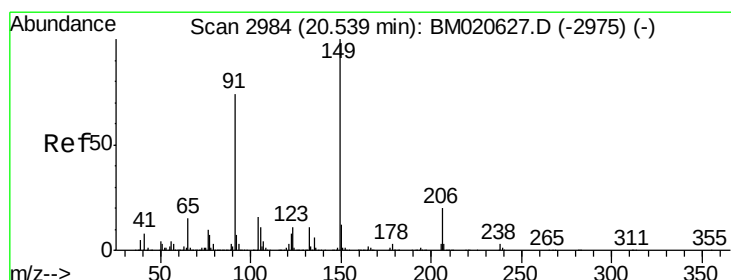
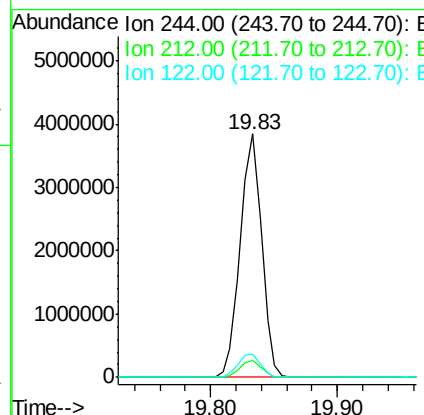
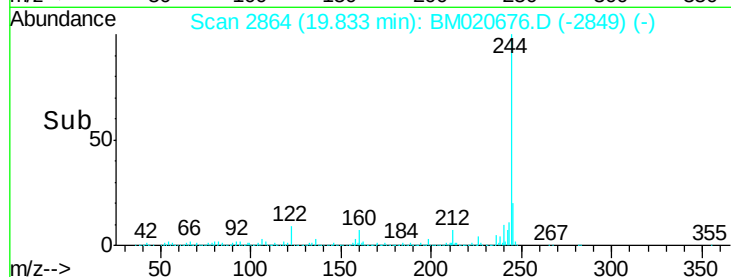
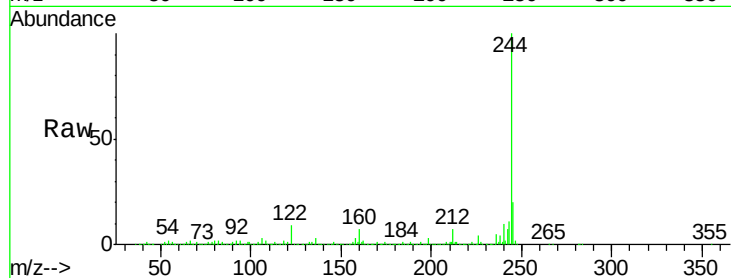
Instrument :
 BNA_M
 ClientSampled :
 PB120221BS

Tot Ion:244 Resp: 4476554

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.5	7.2	10.8

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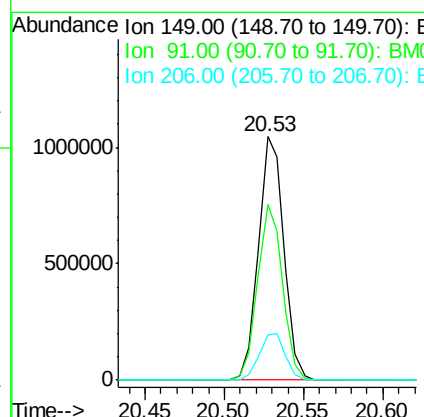
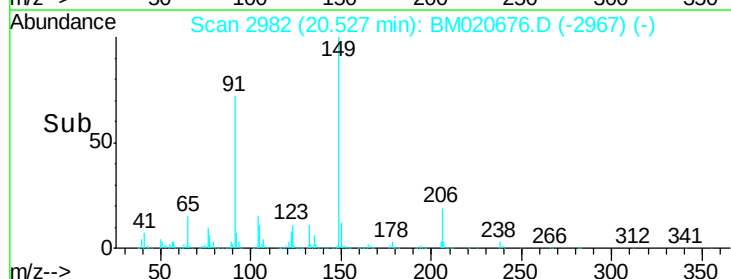
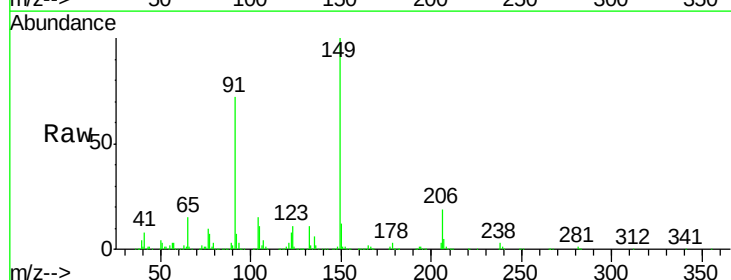
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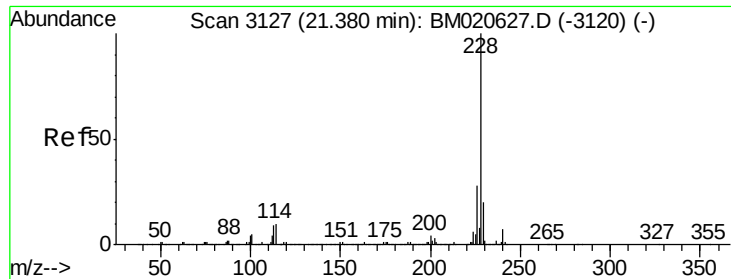


#80
 Butylbenzylphthalate
 Concen: 29.976 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion:149 Resp: 1164404

Ion	Ratio	Lower	Upper
149	100		
91	72.3	59.6	89.4
206	18.6	15.7	23.5





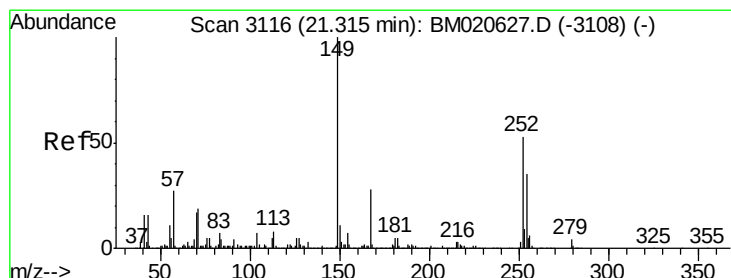
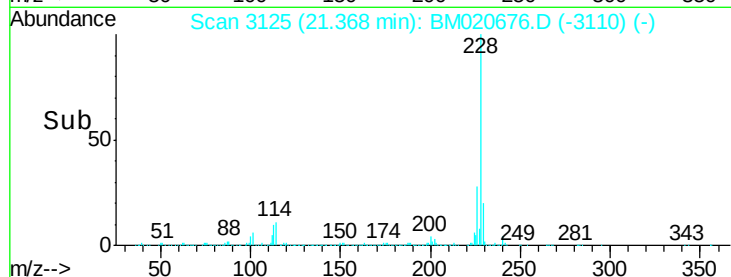
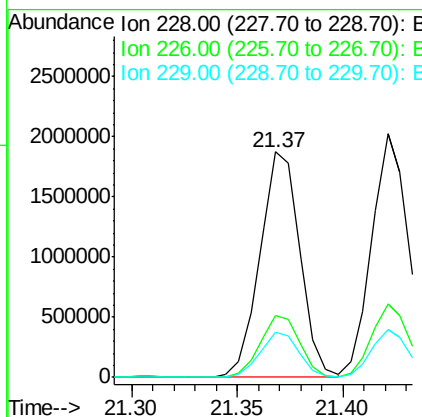
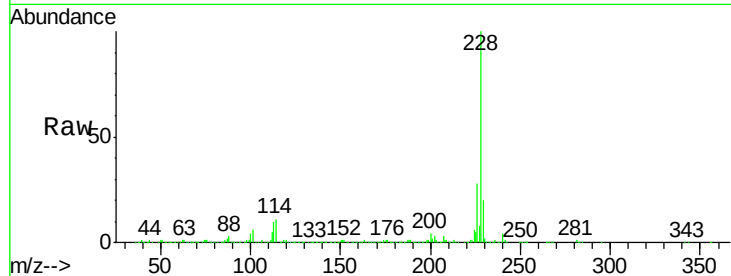
#81
Benzo(a)anthracene
Concen: 29.609 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.9	15.9	23.9

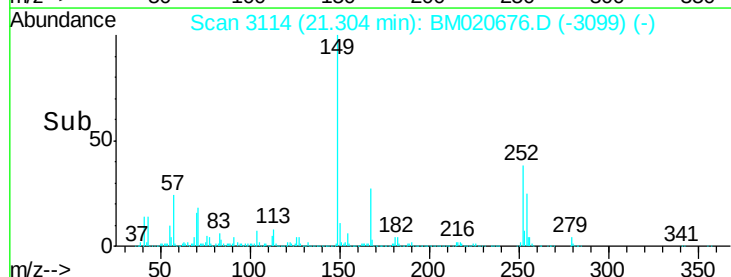
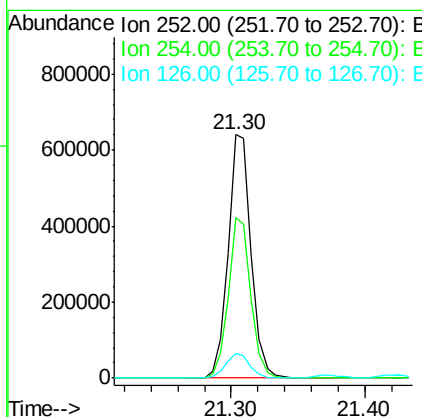
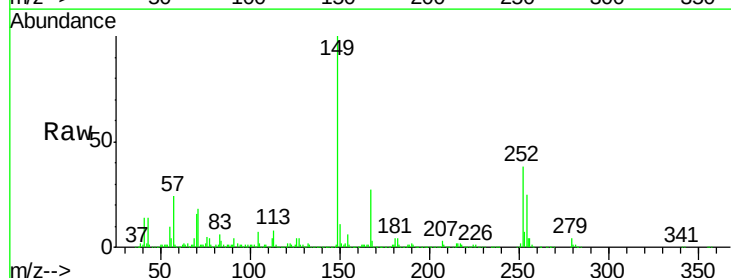
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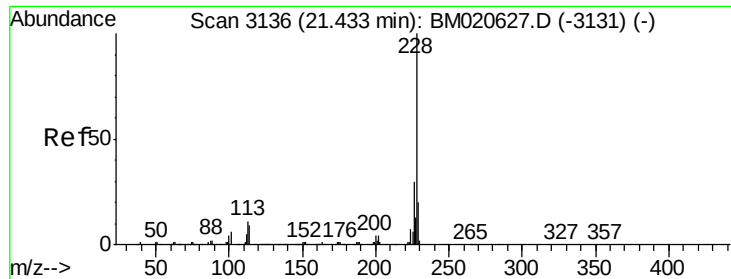
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#82
3,3'-Dichlorobenzidine
Concen: 25.270 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	78.8
126	10.3	8.0	12.0





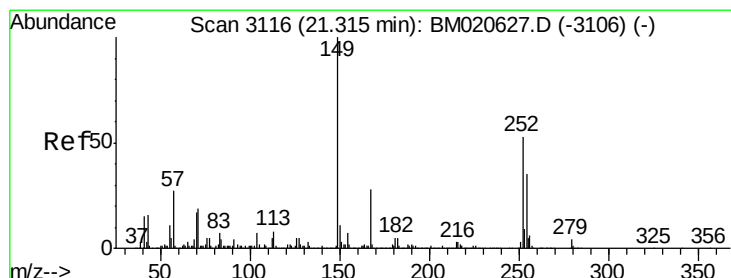
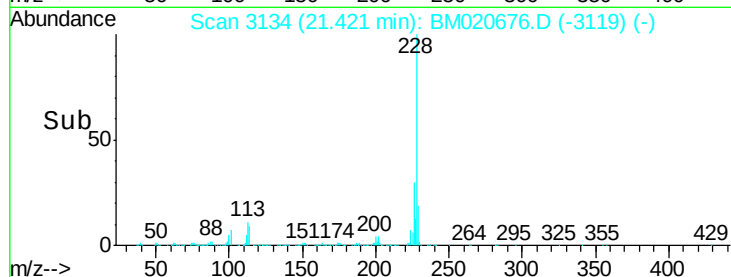
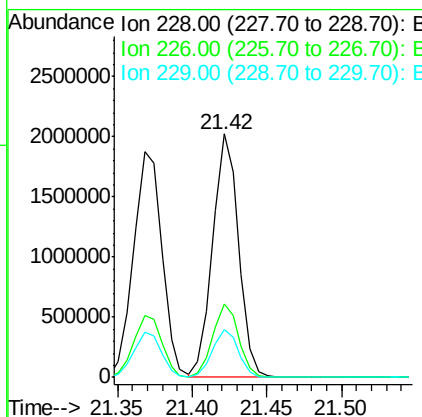
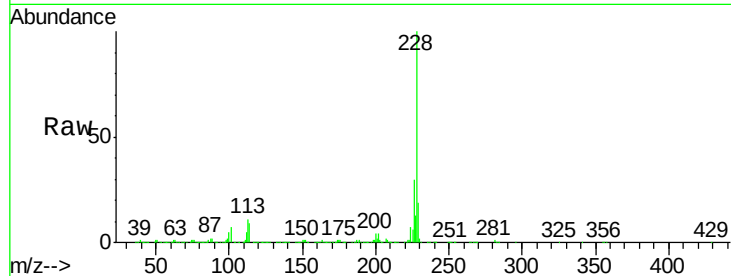
#83
 Chrvsene
 Concen: 30.884 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampled :
 PB120221BS

Tot Ion:228 Resp: 2448820
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.5 15.8 23.6

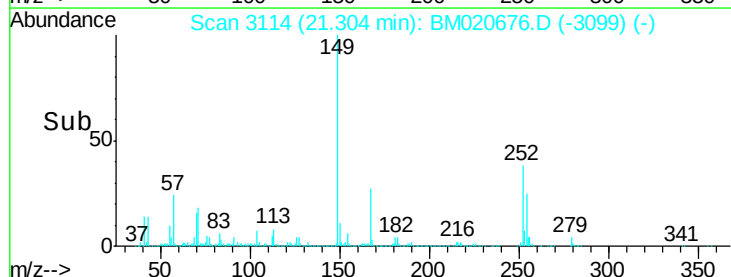
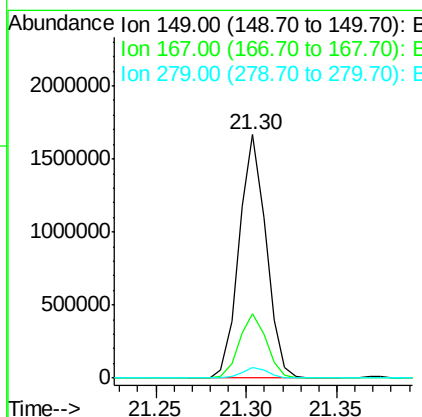
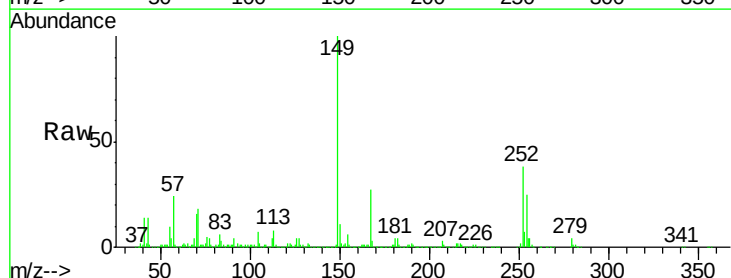
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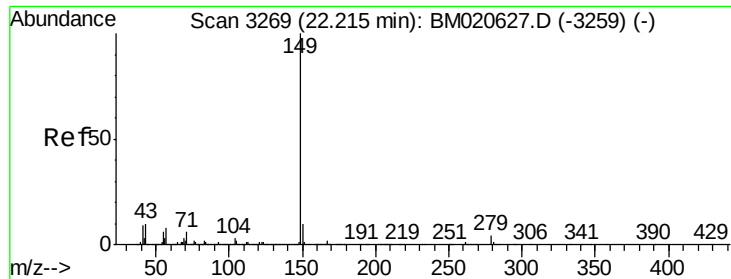
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.485 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion:149 Resp: 1721105
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.1 33.1
 279 4.3 3.4 5.0





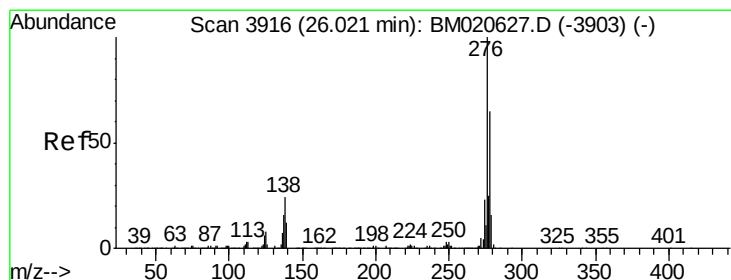
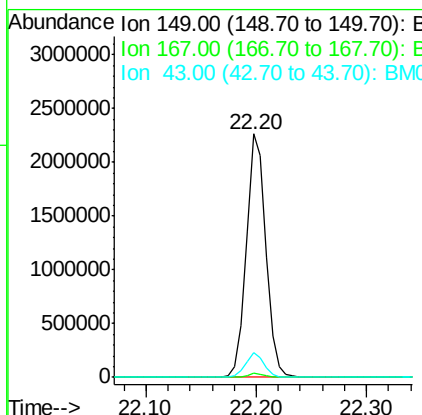
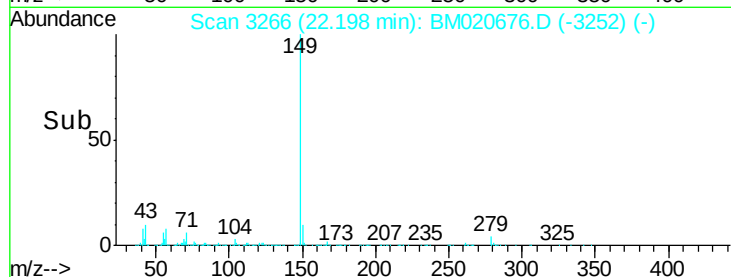
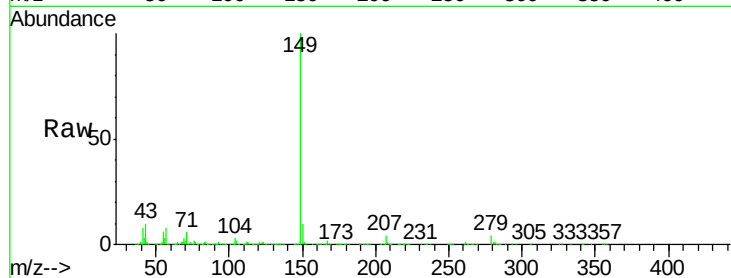
#85
Di-n-octyl phthalate
Concen: 31.189 ng
RT: 22.20 min Scan# 3266
Delta R.T. -0.02 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	8.2	12.4

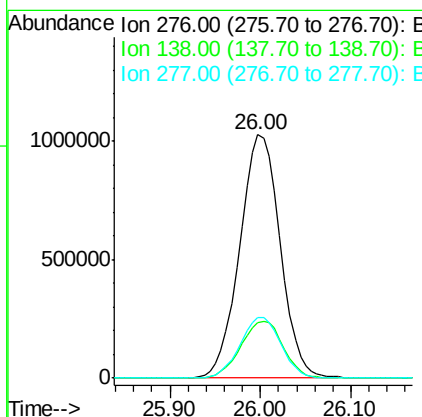
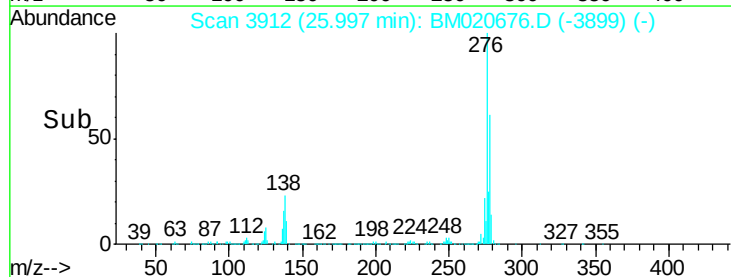
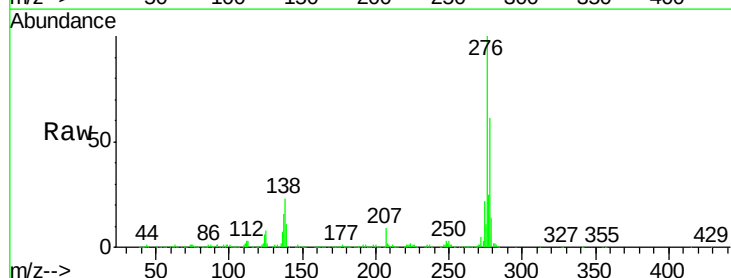
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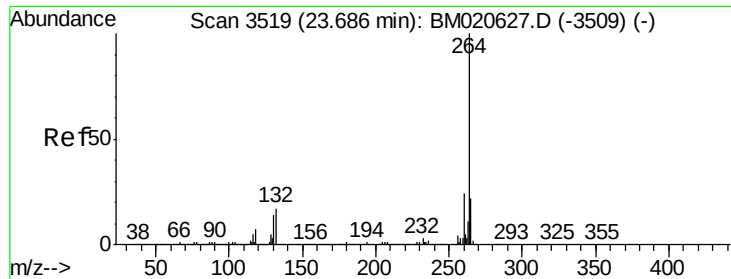
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.217 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.02 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.4	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion:264 Resp: 1315992

Ion Ratio Lower Upper

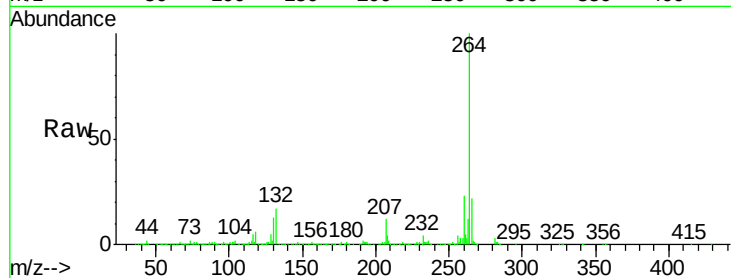
264 100

260 23.3 19.2 28.8

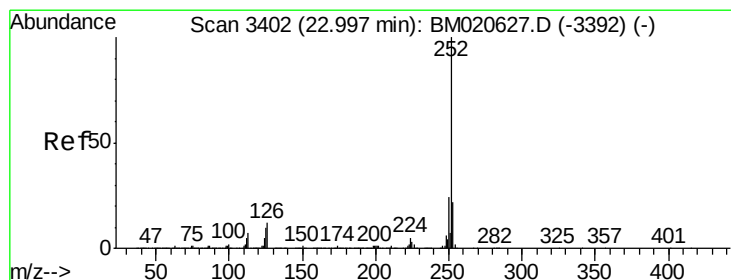
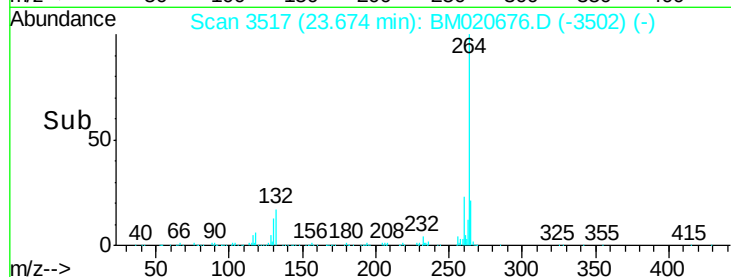
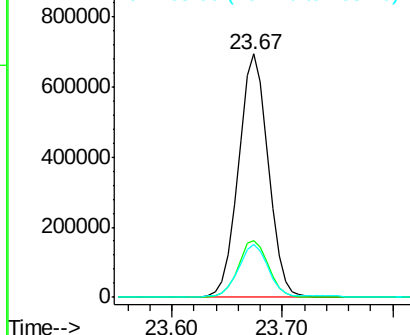
265 21.5 17.6 26.4

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



#88

Benzo(b)fluoranthene

Concen: 30.921 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

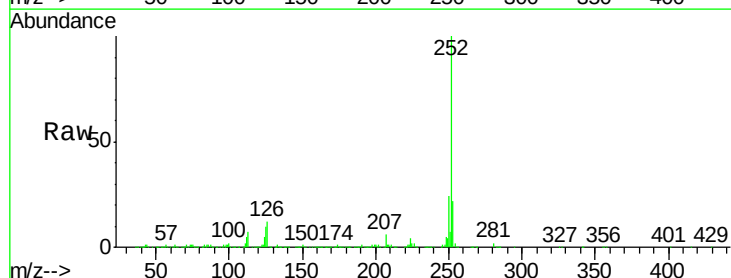
Tgt Ion:252 Resp: 2689530

Ion Ratio Lower Upper

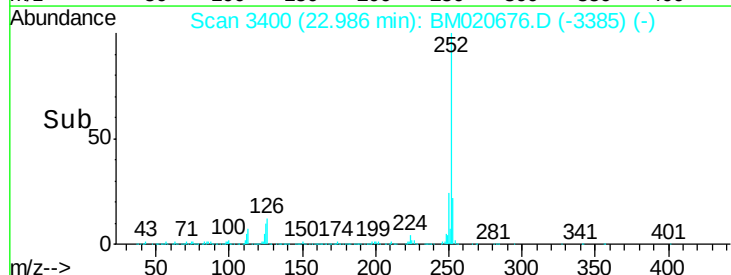
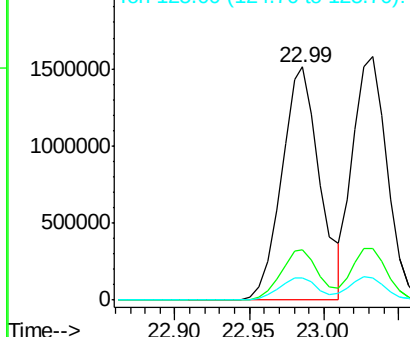
252 100

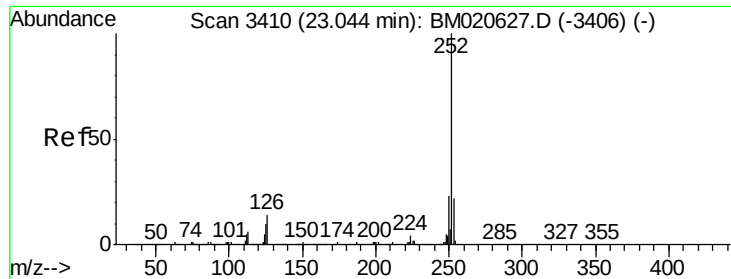
253 21.8 17.4 26.2

125 9.6 7.8 11.8



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





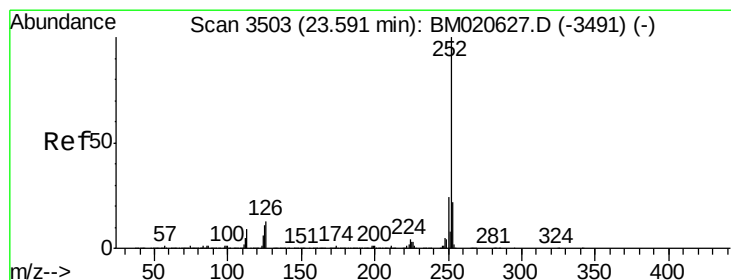
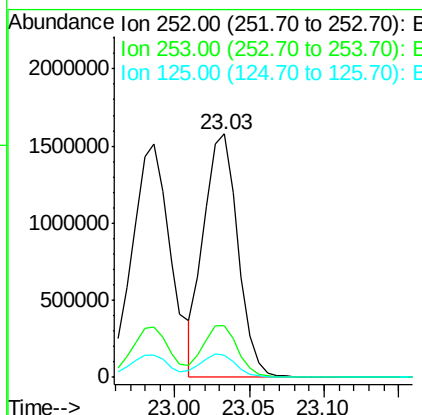
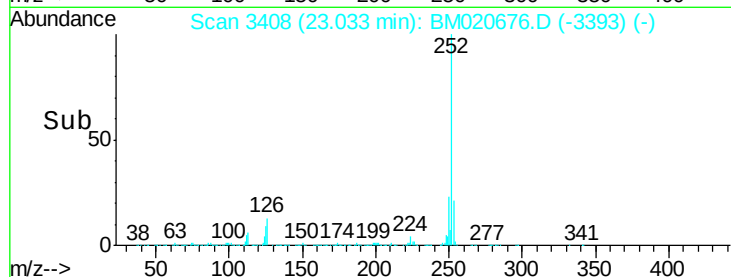
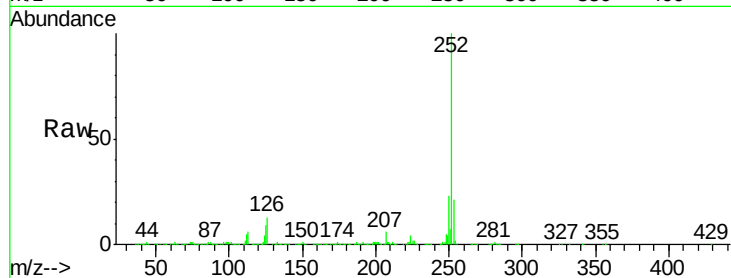
#89
Benzo(k)fluoranthene
Concen: 29.399 ng
RT: 23.03 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	9.1	7.8	11.8

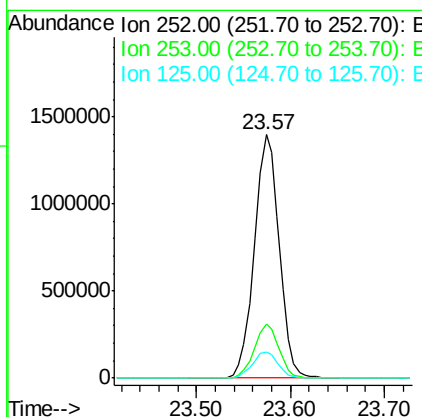
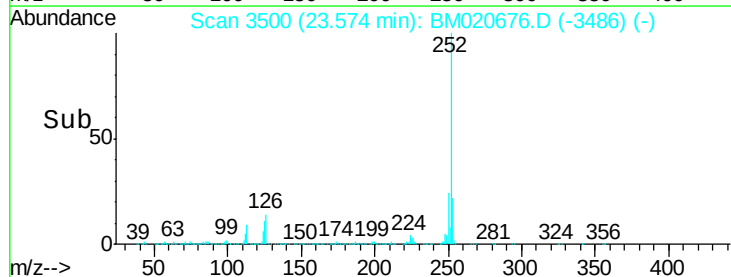
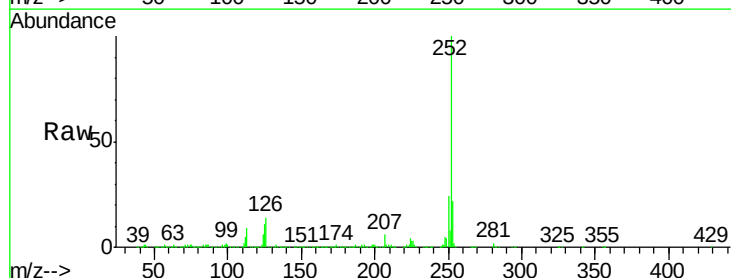
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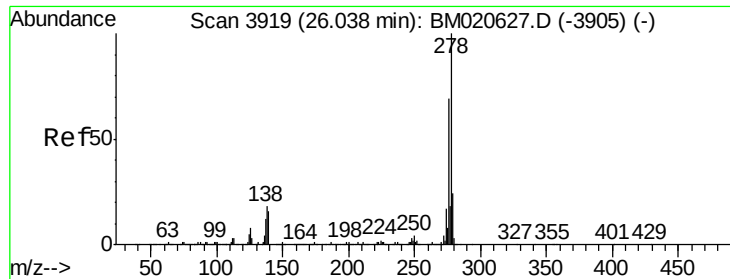
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#90
Benzo(a)pyrene
Concen: 32.253 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.5	8.6	13.0





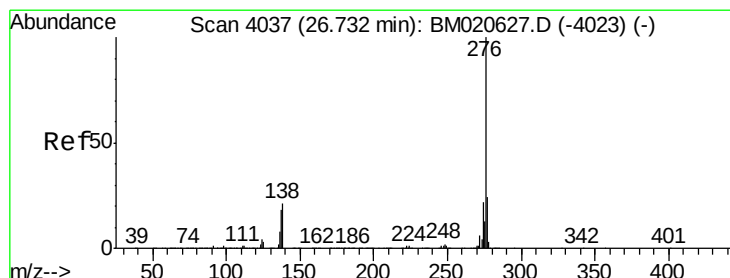
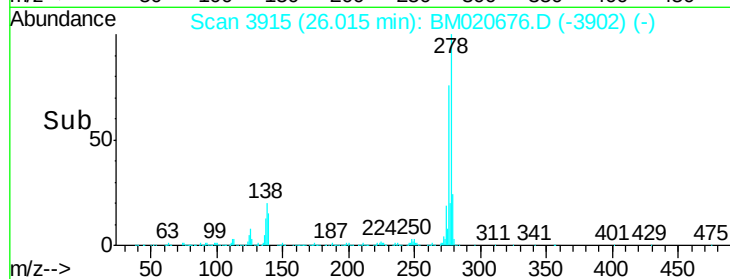
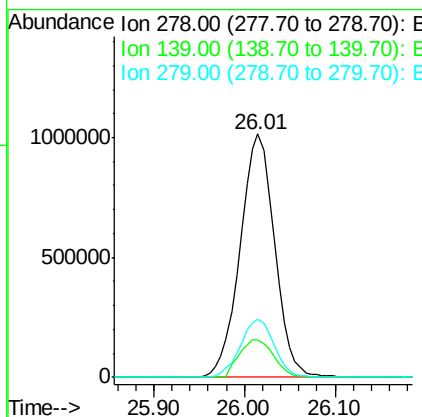
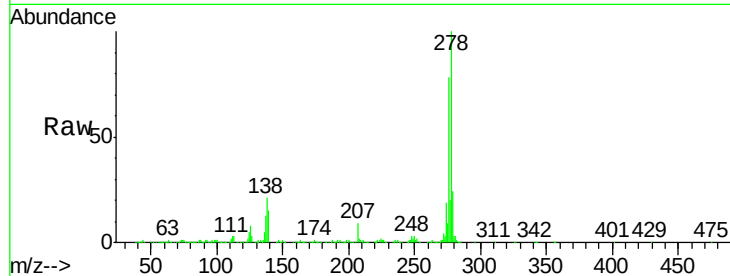
#91
Dibenzo(a,h)anthracene
Concen: 35.018 ng
RT: 26.01 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	18.8
279	24.1	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 36.729 ng
RT: 26.71 min Scan# 4034
Delta R.T. -0.02 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.8	17.0	25.4

