

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020669.D
 Acq On : 03 Jun 2019 14:04
 Operator : HP/JU
 Sample : PB120221BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:46:01 AM

Quant Time: Jun 04 05:38:13 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	279573	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1070807	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	538290	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1022620	20.00	ng	0.00
76) Chrysene-d12	21.39	240	833675	20.00	ng	-0.01
87) Perylene-d12	23.67	264	973501	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2196266	138.19	ng	0.00
7) Phenol-d6	6.99	99	2880115	123.07	ng	0.00
23) Nitrobenzene-d5	8.99	82	1530674	74.06	ng	-0.01
42) 2,4,6-Tribromophenol	15.96	330	858596	128.74	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3179969	78.54	ng	0.00
79) Terphenyl-d14	19.83	244	3036565	60.92	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	260127	39.976	ng	97
3) Pyridine	3.74	79	719950	34.775	ng	99
4) n-Nitrosodimethylamine	3.66	42	321802	36.058	ng	99
6) Aniline	7.16	93	850877	25.128	ng	99
8) 2-Chlorophenol	7.39	128	755204	38.196	ng	99
9) Benzaldehyde	6.97	77	253549	14.916	ng	97
10) Phenol	7.02	94	924389	36.654	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	688025	34.232	ng	98
12) 1,3-Dichlorobenzene	7.72	146	811591	35.716	ng	99
13) 1,4-Dichlorobenzene	7.86	146	822683	35.613	ng	99
14) 1,2-Dichlorobenzene	8.18	146	789890	35.136	ng	99
15) Benzyl Alcohol	8.07	79	670124	32.368	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	967060	31.165	ng	99
17) 2-Methylphenol	8.26	107	607853	34.276	ng	99
18) Hexachloroethane	8.90	117	302764	34.232	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	564960	30.032	ng	97
20) 3+4-Methylphenols	8.59	107	803462	33.300	ng	98
22) Acetophenone	8.65	105	1059199	38.938	ng	# 97
24) Nitrobenzene	9.03	77	838211	39.728	ng	100
25) Isophorone	9.55	82	1447938	35.220	ng	100
26) 2-Nitrophenol	9.74	139	343309	43.660	ng	97
27) 2,4-Dimethylphenol	9.79	122	645845	43.832	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	889667	35.791	ng	100
29) 2,4-Dichlorophenol	10.26	162	642614	39.419	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	723627	38.604	ng	99
31) Naphthalene	10.67	128	2153717	39.113	ng	99
32) Benzoic acid	9.92	122	323567	36.291	ng	97
33) 4-Chloroaniline	10.78	127	347193	13.548	ng	98
34) Hexachlorobutadiene	10.95	225	412144	36.644	ng	100
35) Caprolactam	11.56	113	181489m	32.046	ng	
36) 4-Chloro-3-methylphenol	11.90	107	665912	35.134	ng	99
37) 2-Methylnaphthalene	12.28	142	1519403	37.226	ng	99
38) 1-Methylnaphthalene	12.50	142	1440718	37.071	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	752523	42.659	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	933344	88.467	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	459668	40.483	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	488137	41.641	ng	98
46) 1,1'-Biphenyl	13.30	154	1857065	41.308	ng	99
47) 2-Chloronaphthalene	13.34	162	1439989	39.687	ng	99
48) 2-Nitroaniline	13.54	65	409205	35.933	ng	94
49) Acenaphthylene	14.19	152	2255255	39.836	ng	99
50) Dimethylphthalate	13.93	163	1649185	35.861	ng	100
51) 2,6-Dinitrotoluene	14.04	165	351430	37.634	ng	95
52) Acenaphthene	14.53	154	1307176	38.745	ng	99
53) 3-Nitroaniline	14.37	138	206281	19.791	ng	98
54) 2,4-Dinitrophenol	14.58	184	278148	70.215	ng	93
55) Dibenzofuran	14.86	168	2009909	38.357	ng	99
56) 4-Nitrophenol	14.67	139	572491	74.537	ng	93
57) 2,4-Dinitrotoluene	14.83	165	460732	36.849	ng	99
58) Fluorene	15.52	166	1589265	36.881	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	398641	39.026	ng	100
60) Diethylphthalate	15.29	149	1603879	33.815	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	808531	35.437	ng	98
62) 4-Nitroaniline	15.54	138	337987	30.576	ng	96
63) Azobenzene	15.80	77	1600415	35.195	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	166232	37.976	ng	95
66) n-Nitrosodiphenylamine	15.73	169	1345069	41.088	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	460610	38.256	ng	98
68) Hexachlorobenzene	16.51	284	531973	37.837	ng	97
69) Atrazine	16.67	200	410730	42.038	ng	99
70) Pentachlorophenol	16.85	266	576324	85.925	ng	99
71) Phenanthrene	17.25	178	2238272	38.614	ng	100
72) Anthracene	17.34	178	2270377	39.133	ng	100
73) Carbazole	17.62	167	1970511	37.428	ng	100
74) Di-n-butylphthalate	18.18	149	2376257	34.769	ng	100
75) Fluoranthene	19.26	202	2306951	35.788	ng	99
77) Benzidine	19.46	184	1022561	40.480	ng	100
78) Pyrene	19.63	202	2352369	36.770	ng	100
80) Butylbenzylphthalate	20.53	149	921928	34.100	ng	95
81) Benzo(a)anthracene	21.37	228	2133031	36.741	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	643119	30.251	ng	99
83) Chrysene	21.42	228	2111715	38.265	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1302606	33.151	ng	98
85) Di-n-octyl phthalate	22.20	149	2141022	34.320	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3026615	53.608	ng	100
88) Benzo(b)fluoranthene	22.99	252	2386129	37.084	ng	100
89) Benzo(k)fluoranthene	23.03	252	2251448	35.806	ng	99
90) Benzo(a)pyrene	23.57	252	2326188	39.858	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	2544502	44.939	ng	100
92) Benzo(g,h,i)perylene	26.71	276	2513162	47.786	ng	100

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

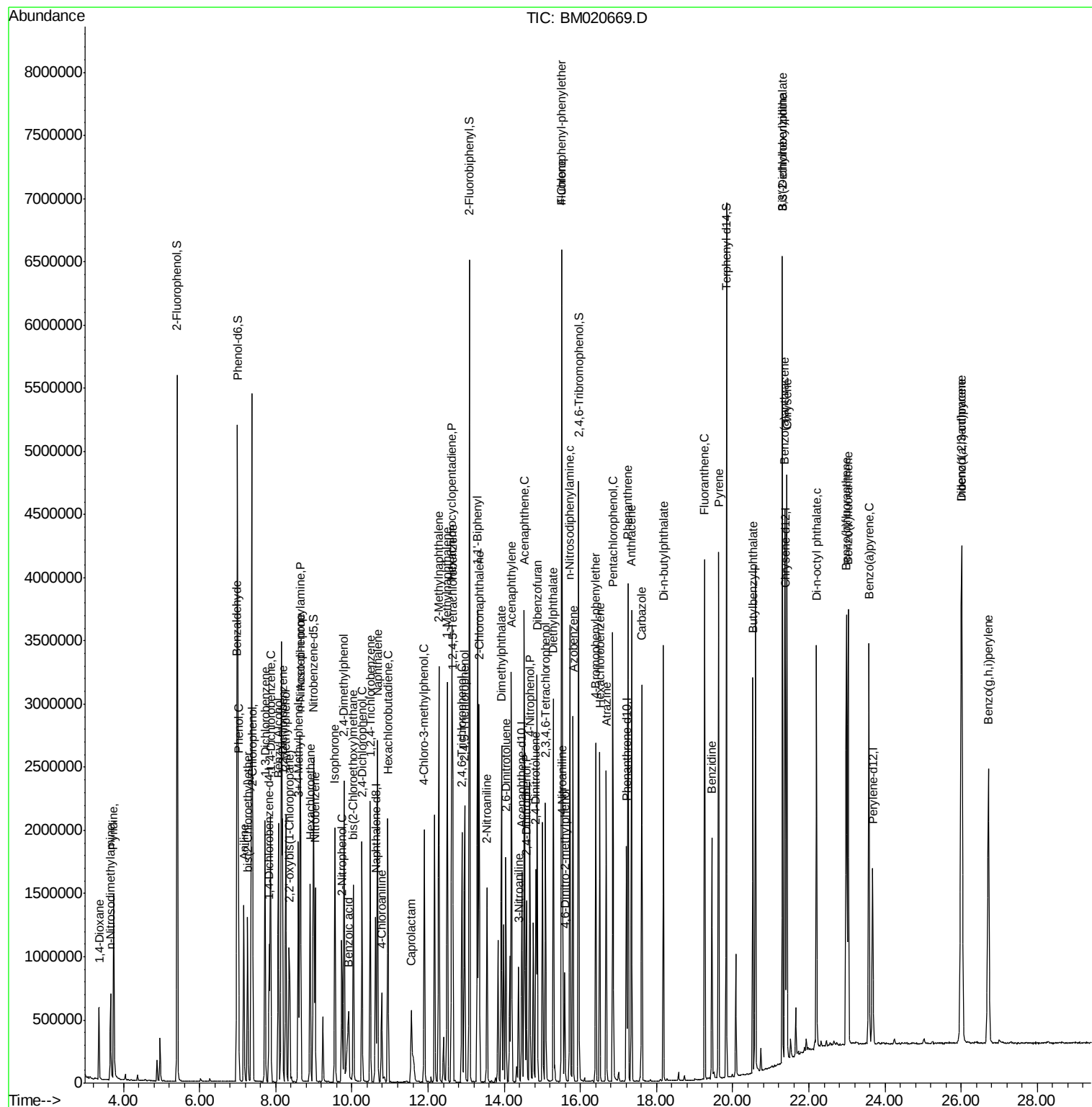
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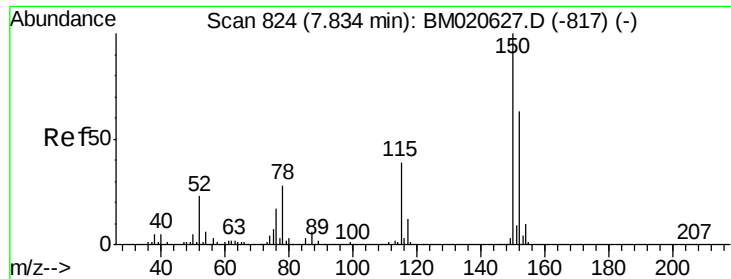
Instrument :
BNA_M
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#1

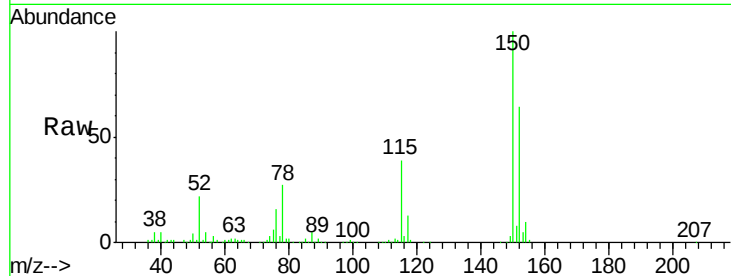
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

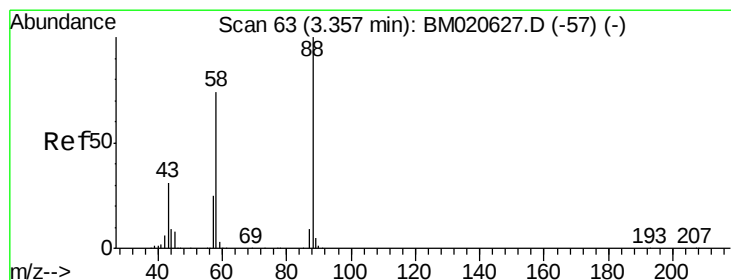
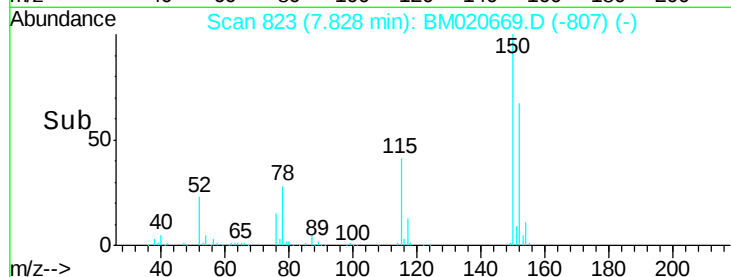
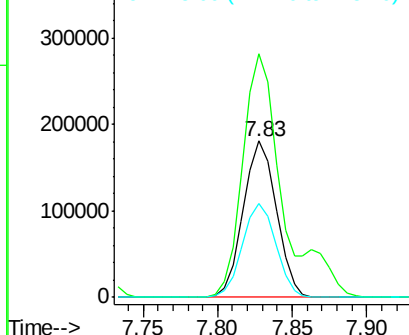
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.0	189.0
115	60.2	49.6	74.4

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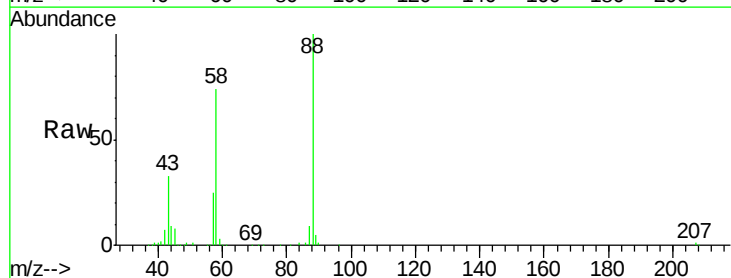
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



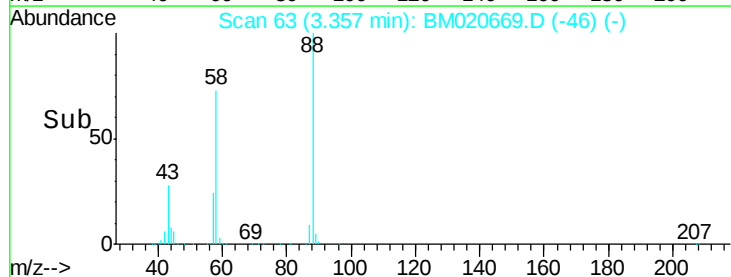
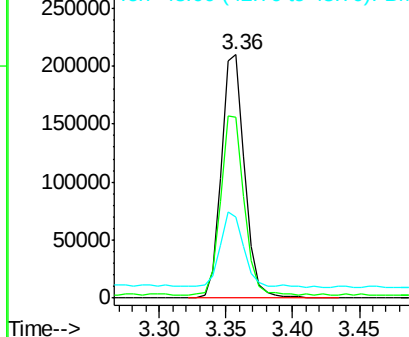
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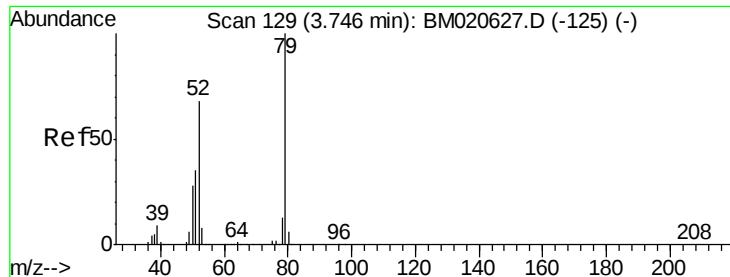
1,4-Dioxane
Concen: 39.976 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	60.2	90.4
43	30.0	25.3	37.9



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





#3

Pvridine

Concen: 34.775 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

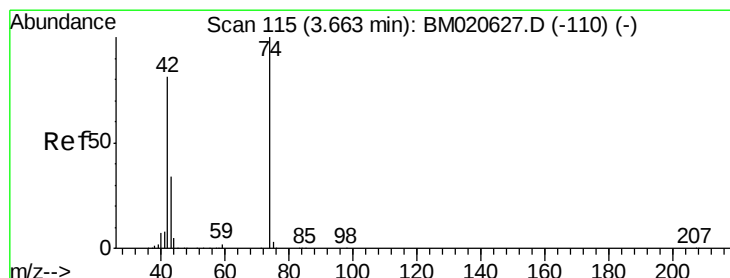
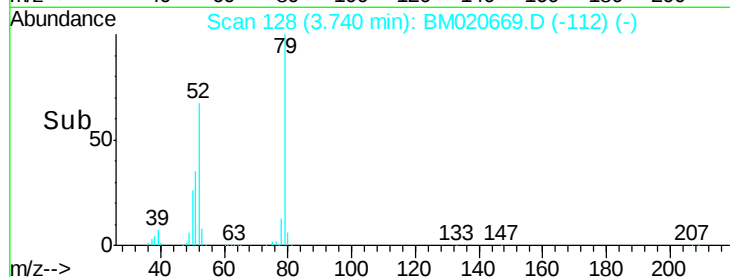
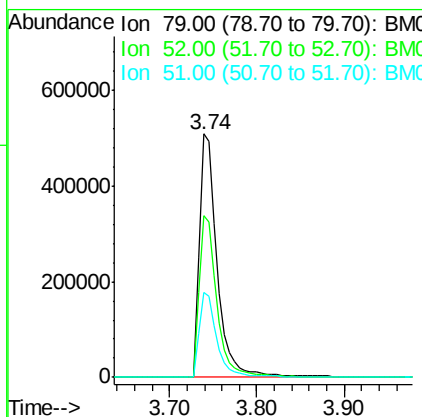
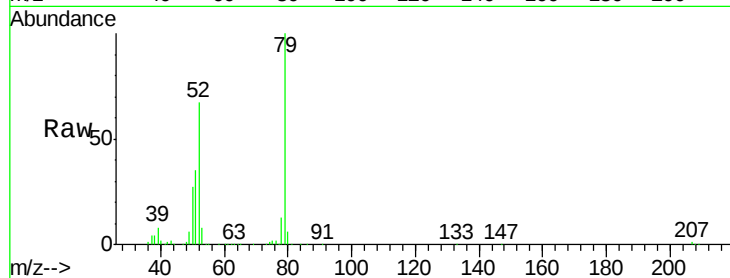
ClientSampleId :

PB120221BS

Tot Ion:	79	Resp:	719950
Ion	Ratio	Lower	Upper
79	100		
52	66.6	54.1	81.1
51	35.0	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 36.058 ng

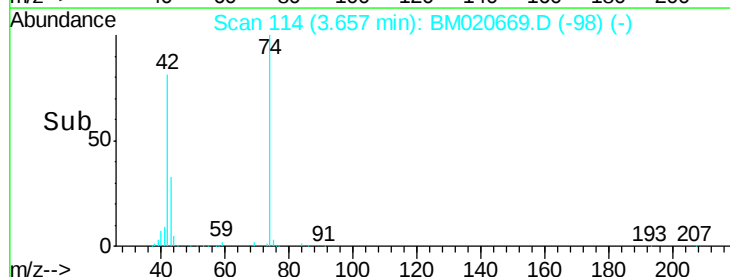
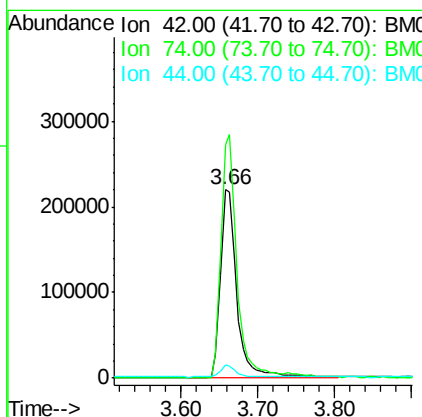
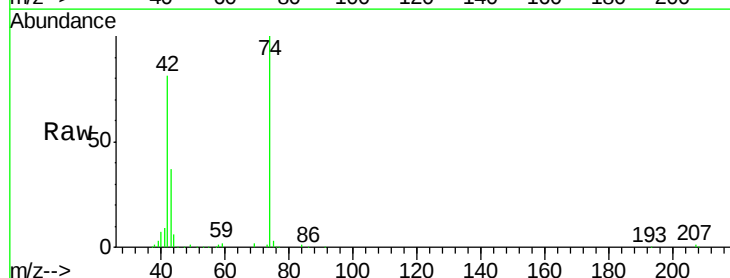
RT: 3.66 min Scan# 114

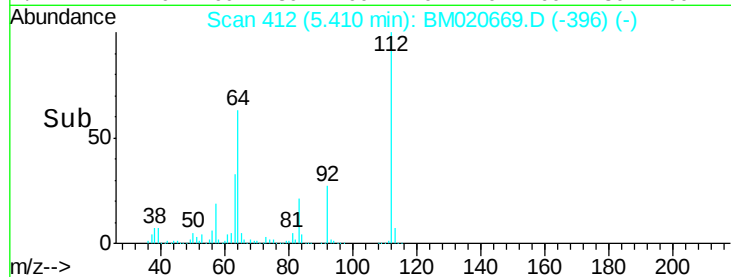
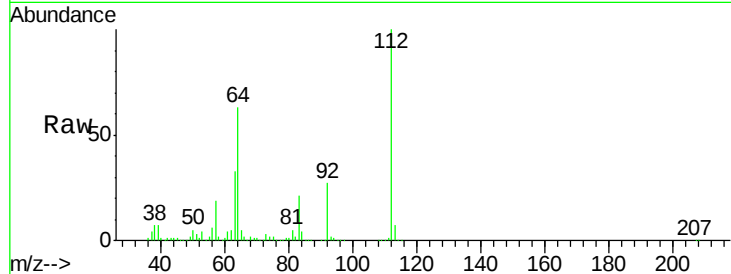
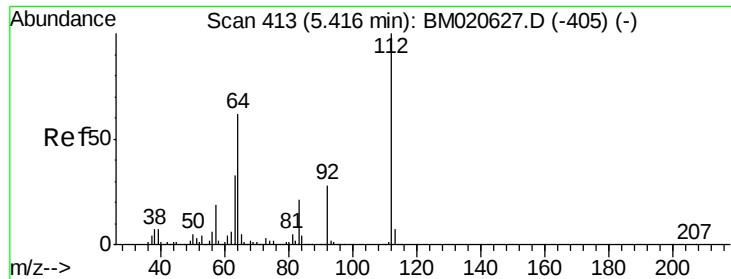
Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	42	Resp:	321802
Ion	Ratio	Lower	Upper
42	100		
74	123.6	99.4	149.0
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 138.188 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tot Ion:	112	Resp:	2196266
Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.7	74.5
63	32.7	26.4	39.6

Instrument :

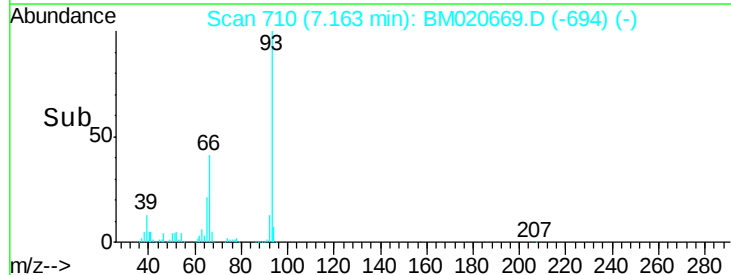
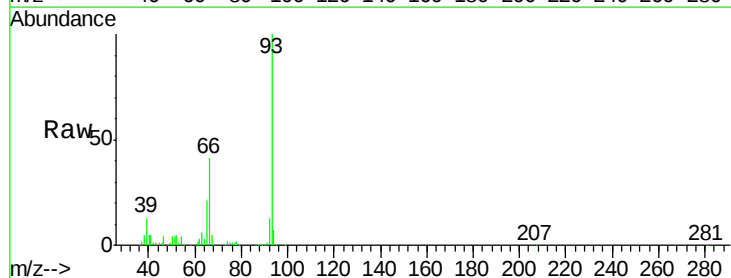
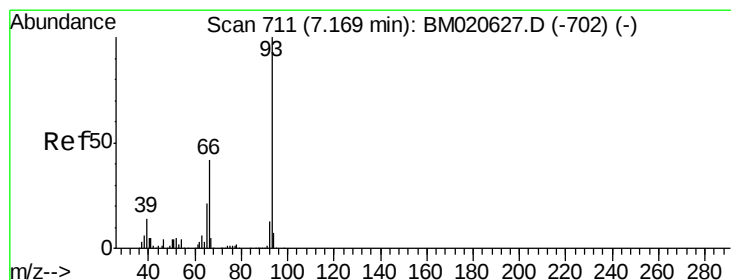
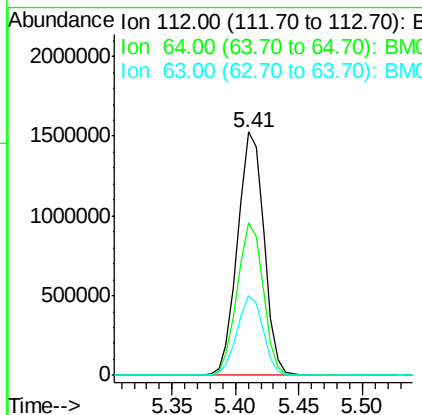
BNA_M

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#6

Aniline

Concen: 25.128 ng

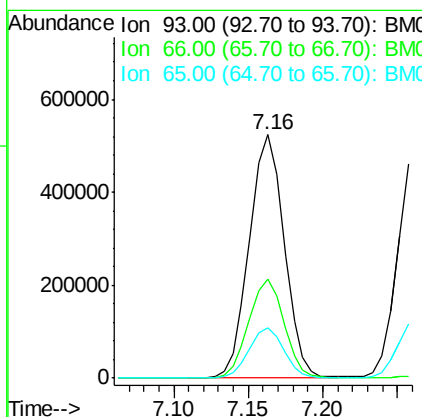
RT: 7.16 min Scan# 710

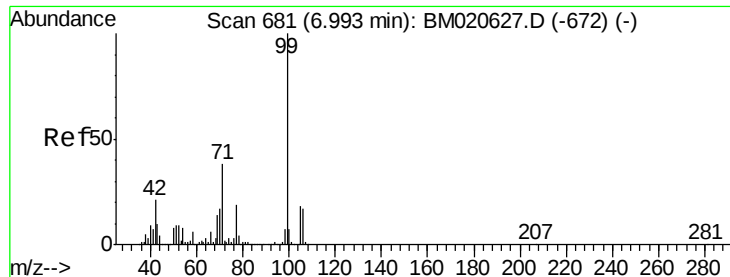
Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	93	Resp:	850877
Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.6	50.4
65	20.7	16.7	25.1





#7

Phenol-d6

Concen: 123.070 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion: 99 Resp: 2880115

Ion Ratio Lower Upper

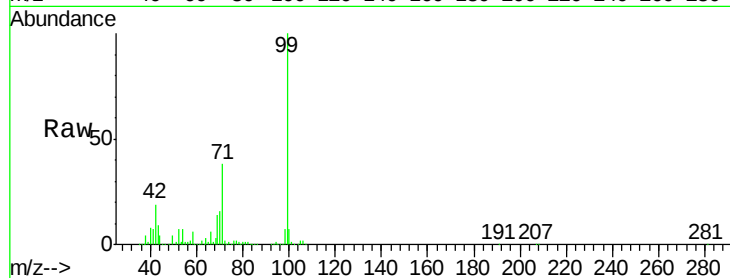
99 100

42 19.4 16.5 24.7

71 37.6 30.7 46.1

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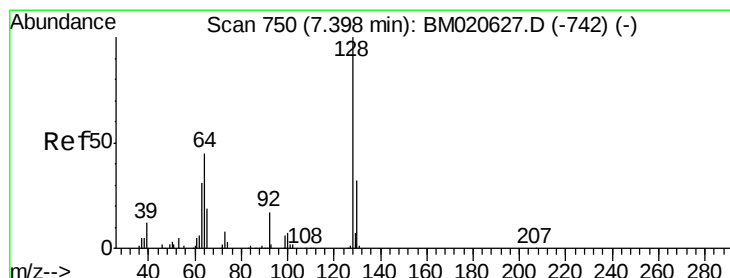
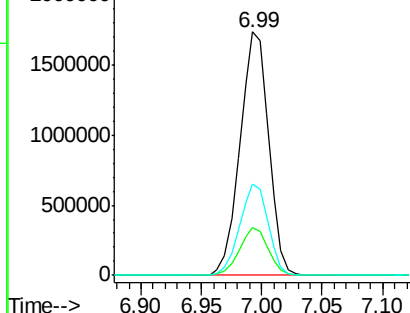
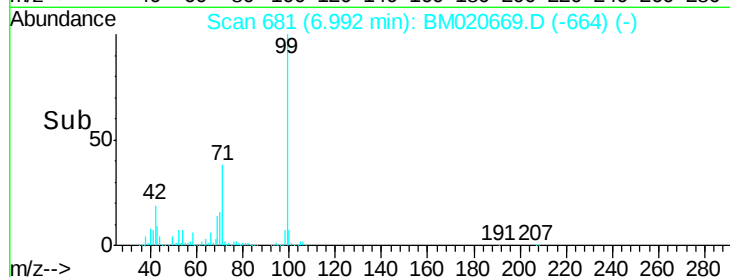
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Abundance Ion 99.00 (98.70 to 99.70): BM020669.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020669.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020669.D (-664) (-)



#8

2-Chlorophenol

Concen: 38.196 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

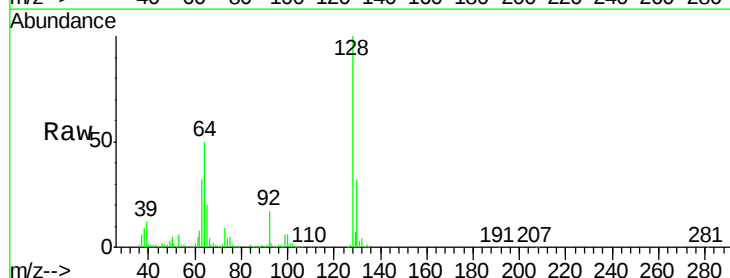
Tgt Ion: 128 Resp: 755204

Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

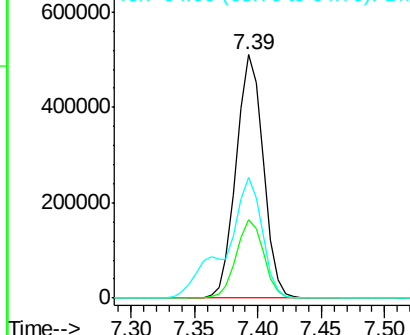
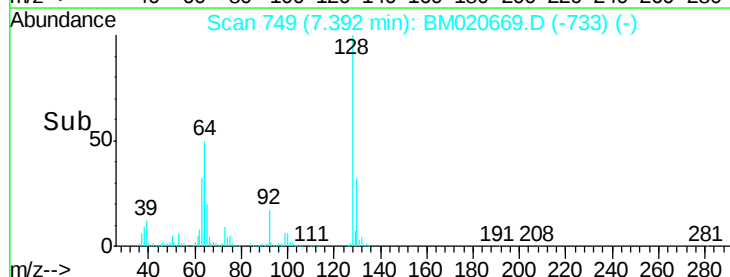
64 49.5 29.1 69.1

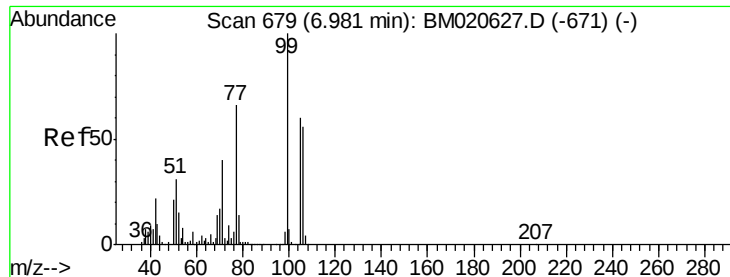


Abundance Ion 128.00 (127.70 to 128.70): BM020669.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020669.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020669.D (-733) (-)





#9

Benzaldehyde

Concen: 14.916 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

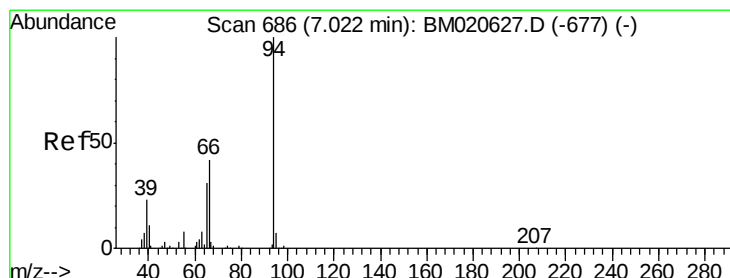
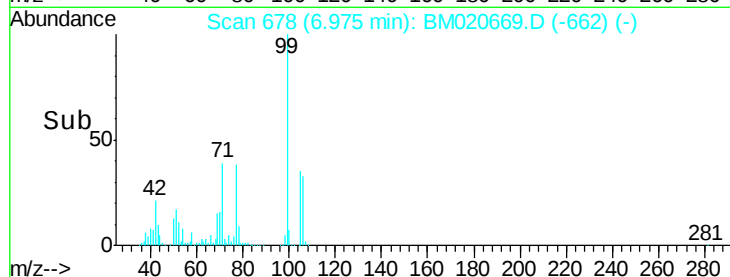
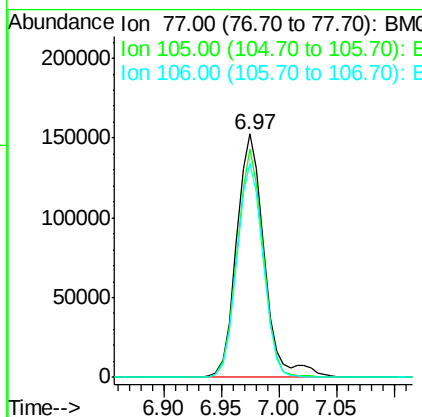
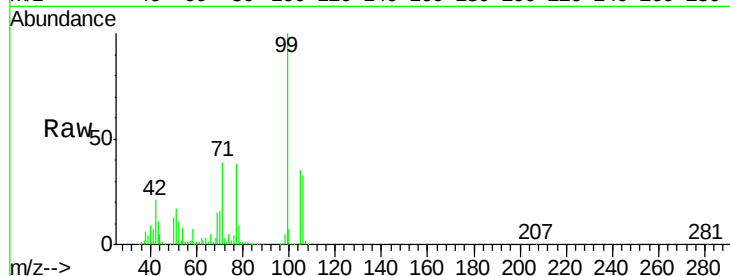
ClientSampleId :

PB120221BS

Tot Ion:	77	Resp:	253549
Ion	Ratio	Lower	Upper
77	100		
105	93.9	70.6	110.6
106	88.0	64.9	104.9

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#10

Phenol

Concen: 36.654 ng

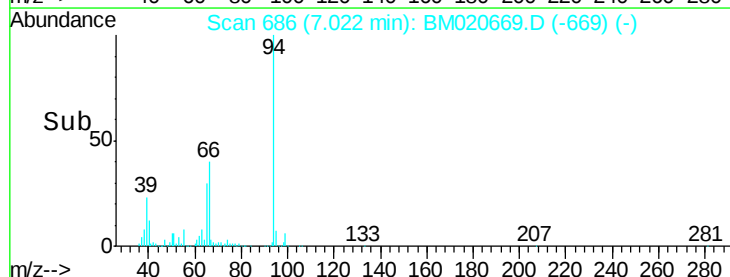
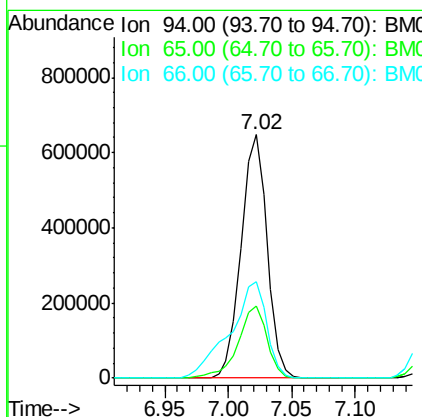
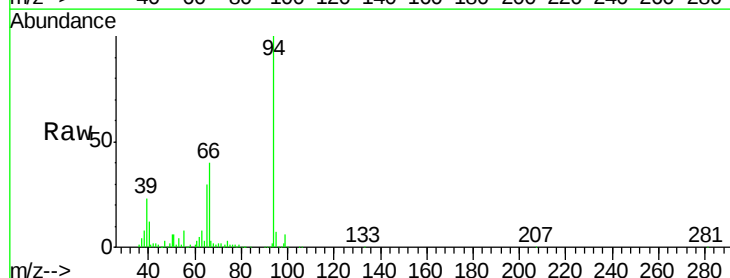
RT: 7.02 min Scan# 686

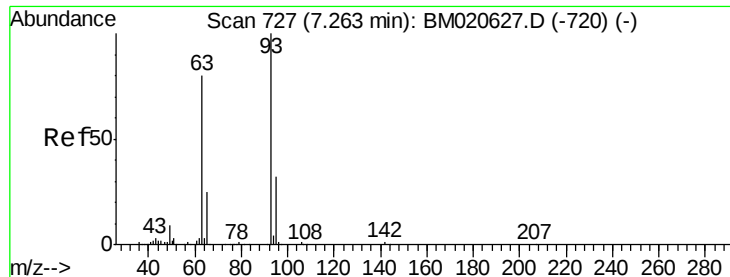
Delta R.T. -0.00 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	94	Resp:	924389
Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.7	50.7
66	39.8	22.3	62.3





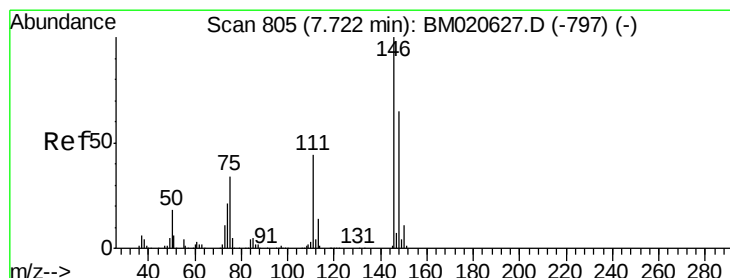
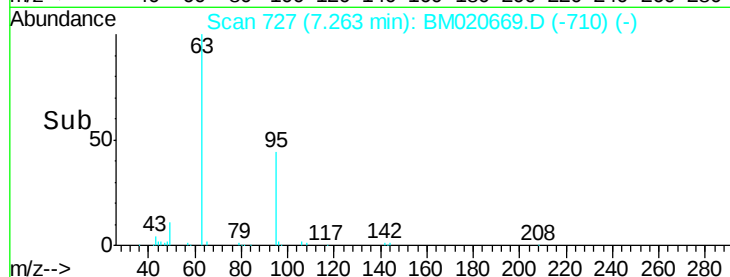
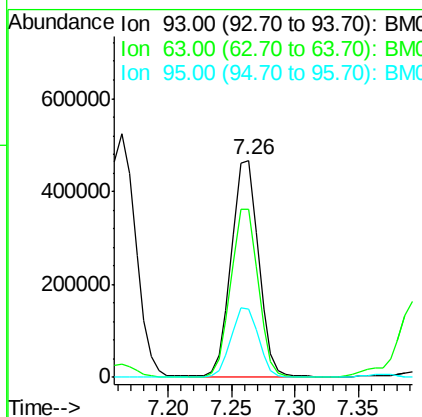
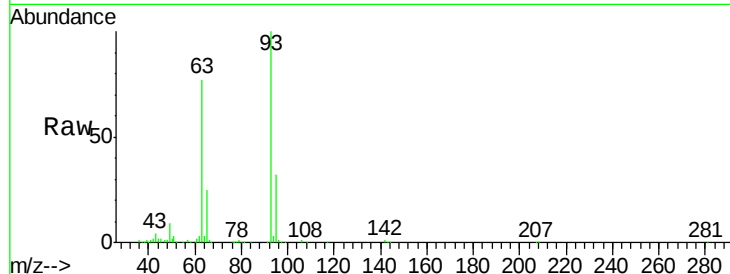
#11
bis(2-Chloroethyl)ether
Concen: 34.232 ng
RT: 7.26 min Scan# 727
Delta R.T. -0.00 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	688025		
63	77.5	60.0	100.0	
95	31.6	12.2	52.2	

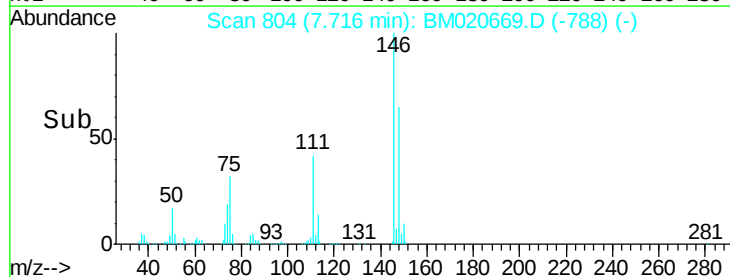
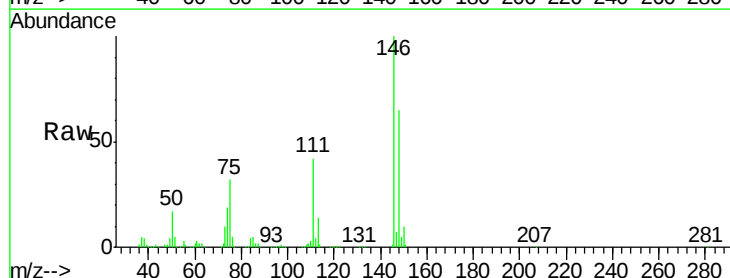
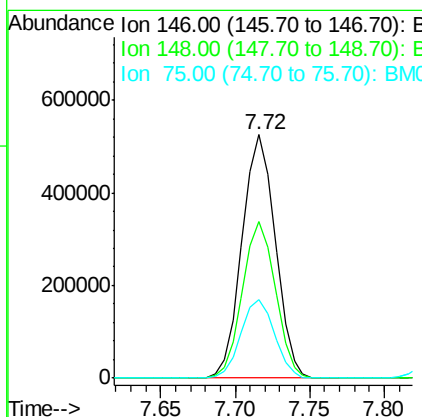
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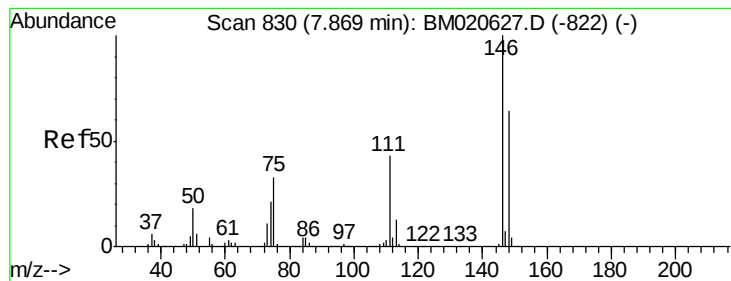
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.716 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	811591		
148	64.5	52.0	78.0	
75	32.2	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 35.613 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

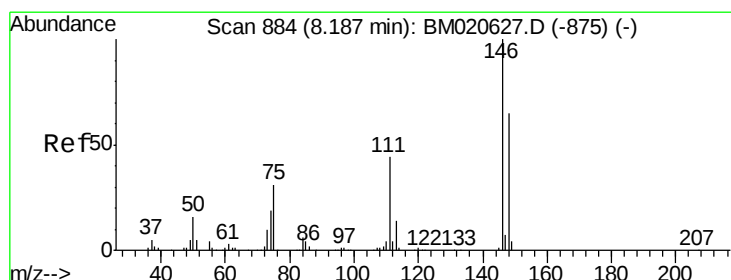
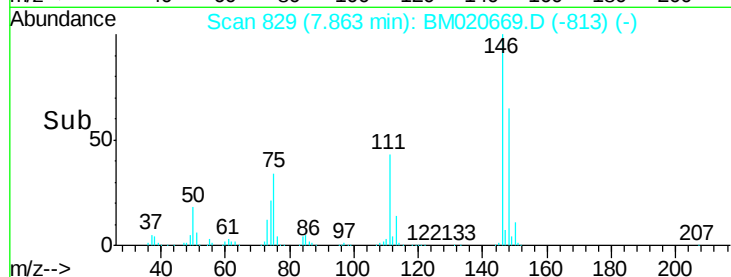
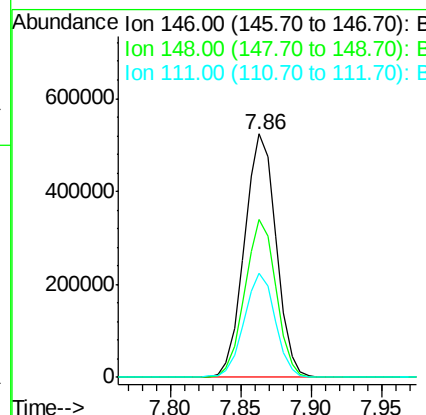
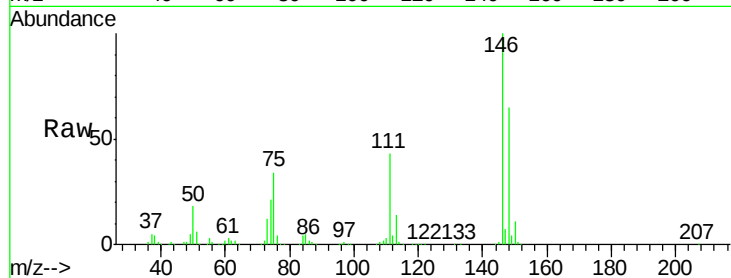
ClientSampleId :

PB120221BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.4
111	42.9	34.4	51.6

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#14

1,2-Dichlorobenzene

Concen: 35.136 ng

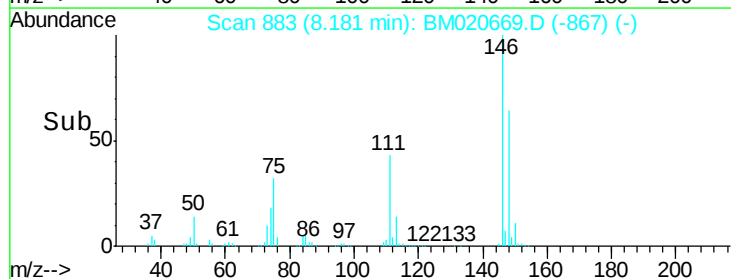
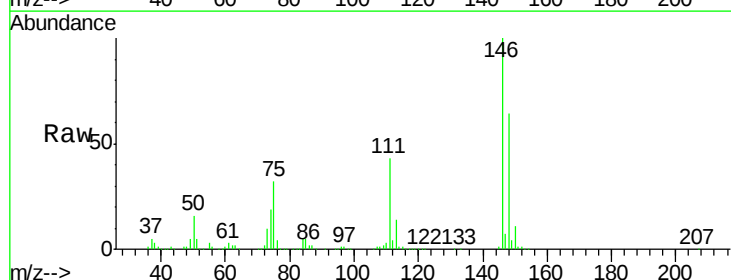
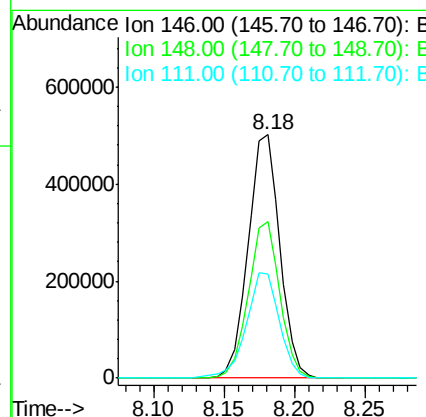
RT: 8.18 min Scan# 883

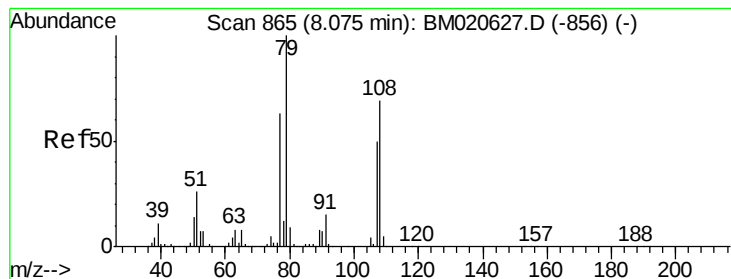
Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
111	42.7	35.1	52.7





#15

Benzyl Alcohol

Concen: 32.368 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

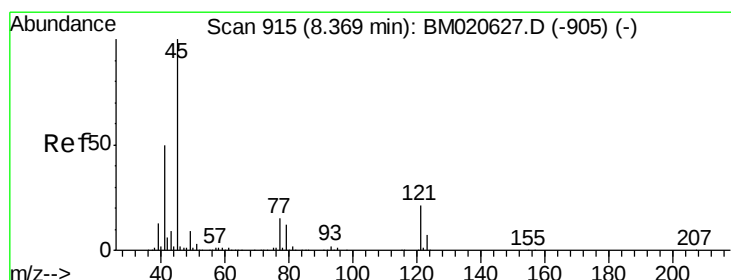
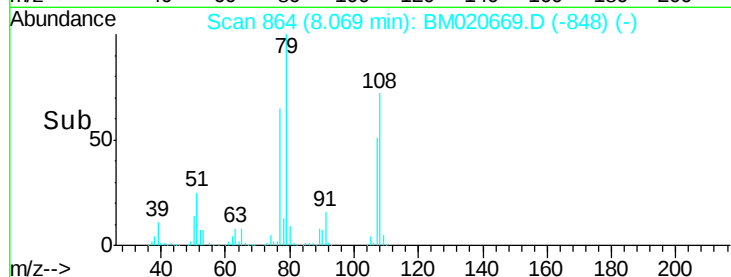
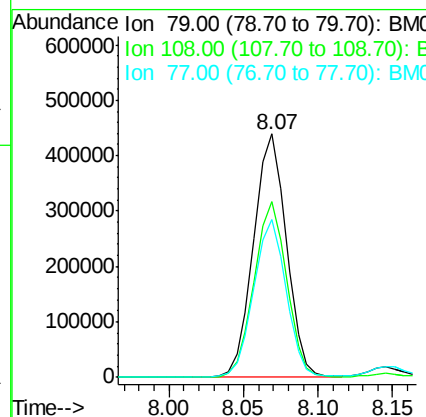
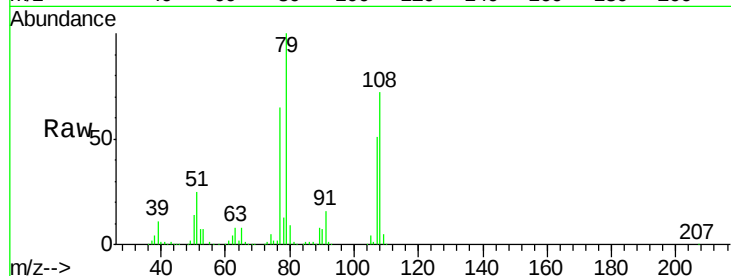
ClientSampleId :

PB120221BS

Tot Ion:	79	Resp:	670124
Ion	Ratio	Lower	Upper
79	100		
108	72.2	54.9	82.3
77	64.6	50.2	75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.165 ng

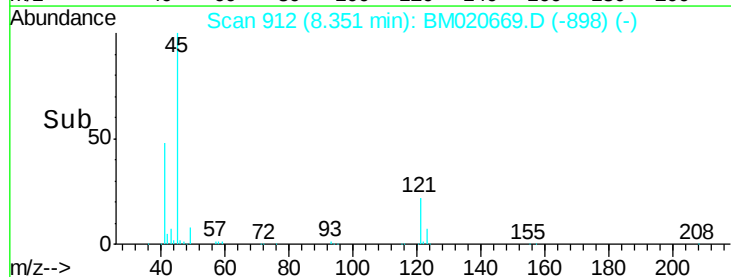
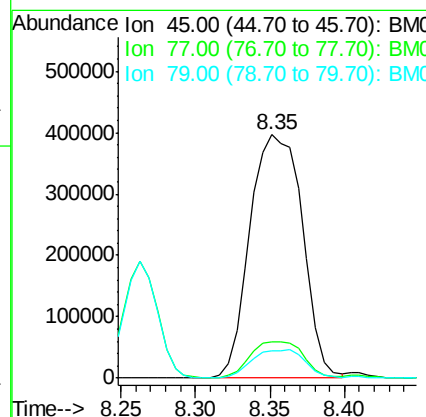
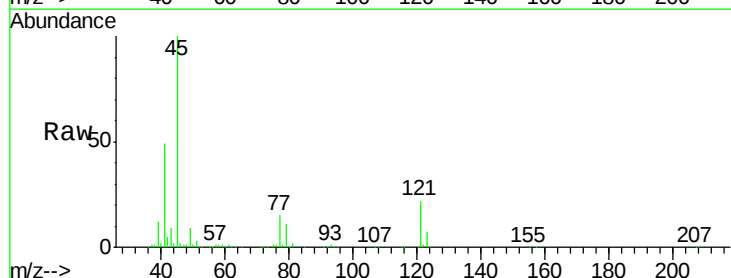
RT: 8.35 min Scan# 912

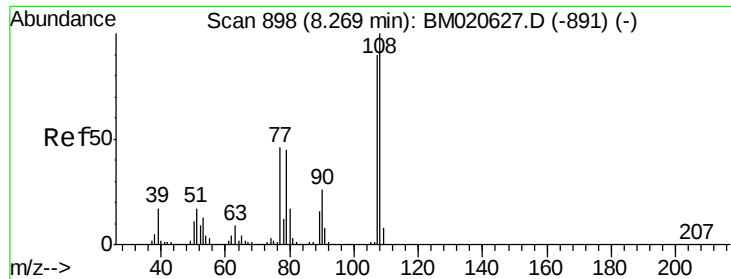
Delta R.T. -0.02 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	45	Resp:	967060
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.9
79	11.2	0.0	31.8





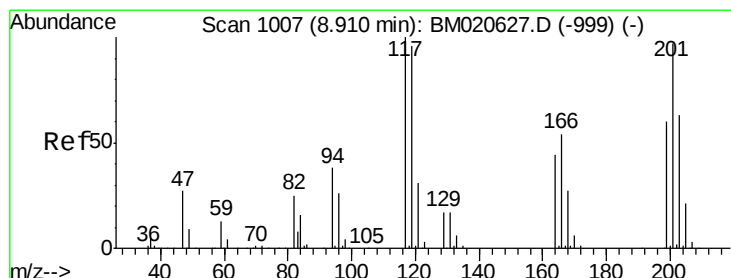
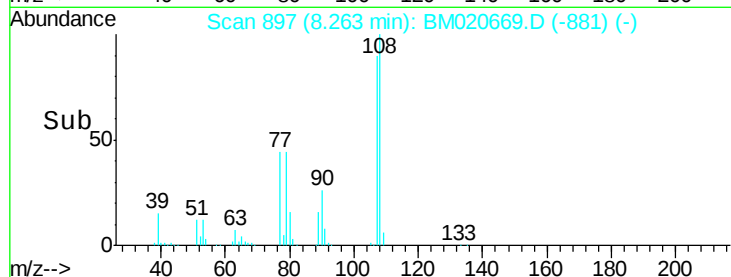
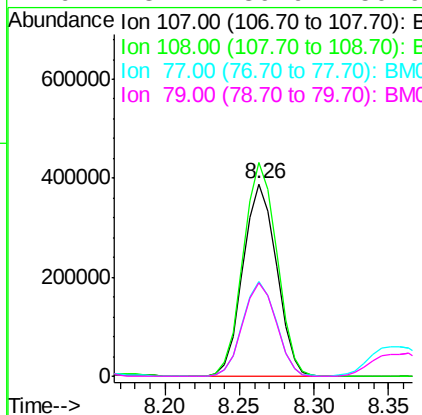
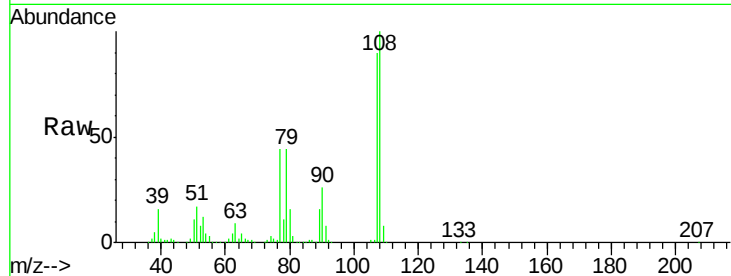
#17
2-Methylphenol
Concen: 34.276 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	88.6	133.0	
77	49.1	40.6	61.0	
79	48.7	39.9	59.9	

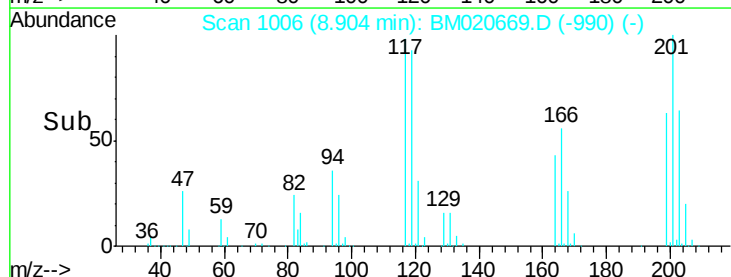
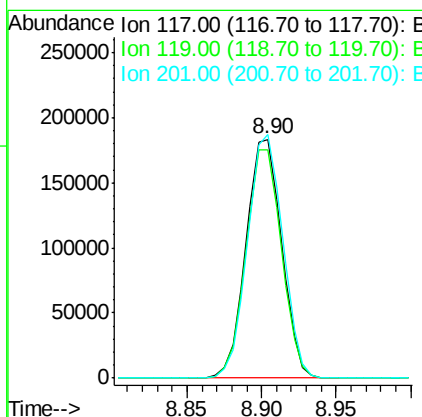
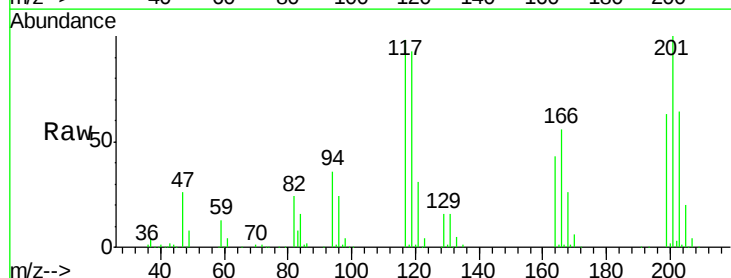
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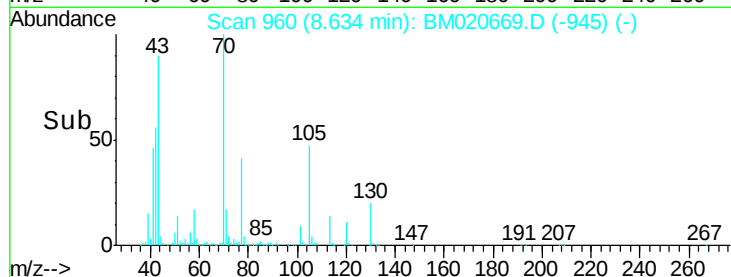
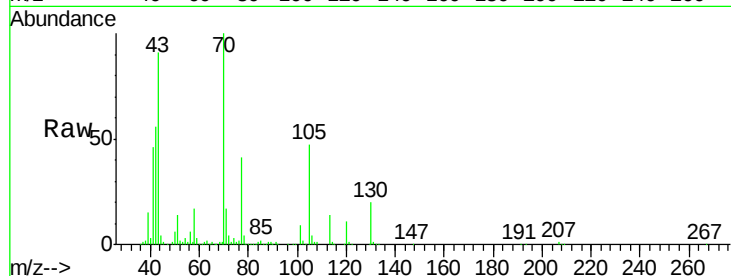
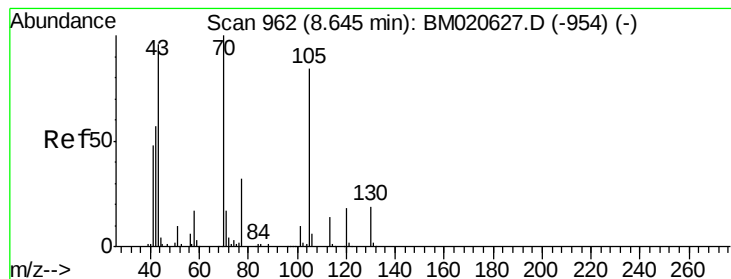
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#18
Hexachloroethane
Concen: 34.232 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.7	115.1	
201	102.1	77.9	116.9	





#19

n-Nitroso-di-n-propylamine

Concen: 30.032 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampled :

PB120221BS

Tot Ion: 70 Resp: 564960

Ion Ratio Lower Upper

70 100

42 56.2 46.8 70.2

101 9.0 7.8 11.6

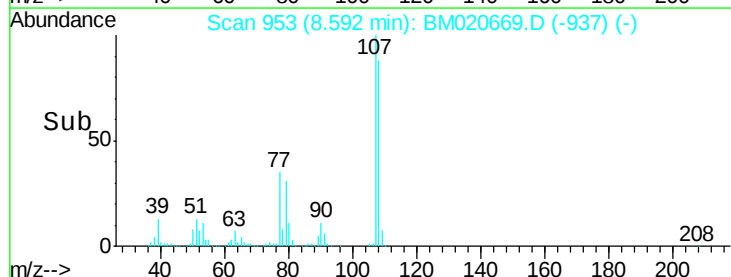
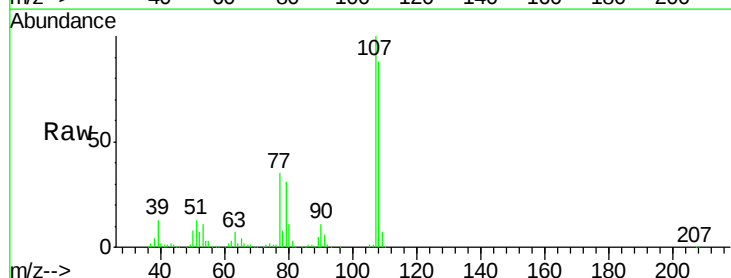
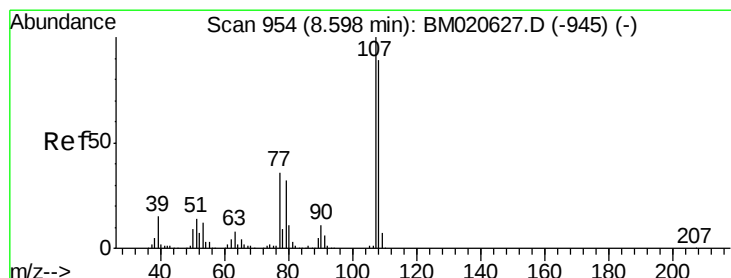
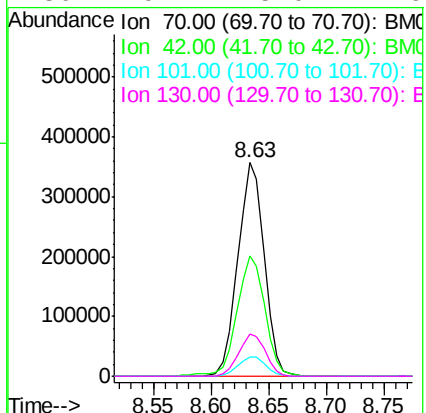
130 19.7 15.0 22.6

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#20

3+4-Methylphenols

Concen: 33.300 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion: 107 Resp: 803462

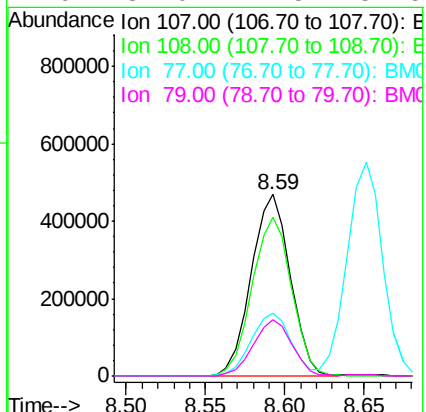
Ion Ratio Lower Upper

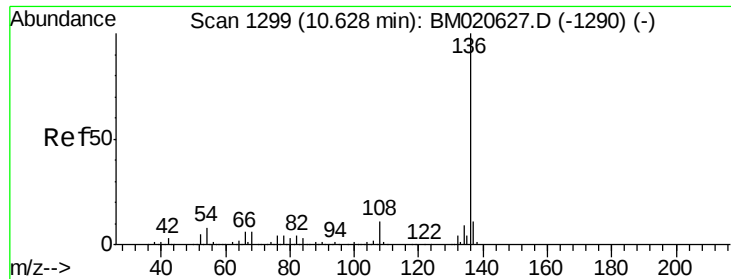
107 100

108 87.8 69.2 109.2

77 34.7 16.2 56.2

79 31.0 12.5 52.5





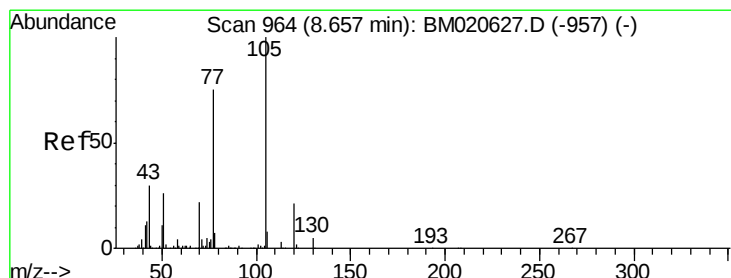
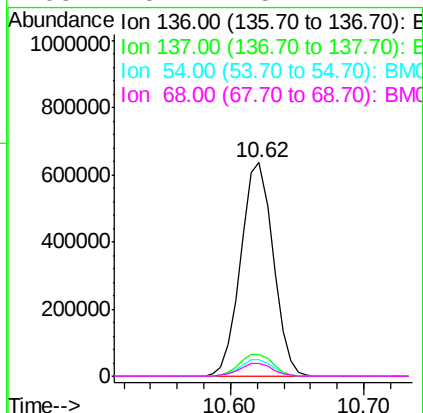
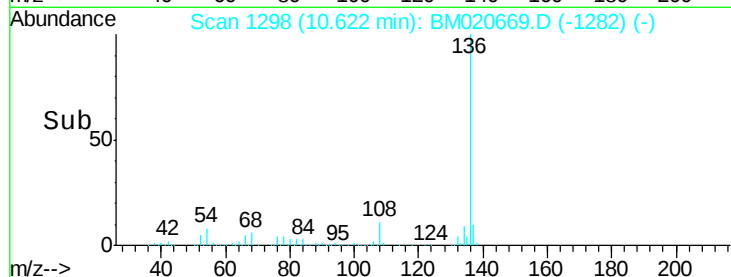
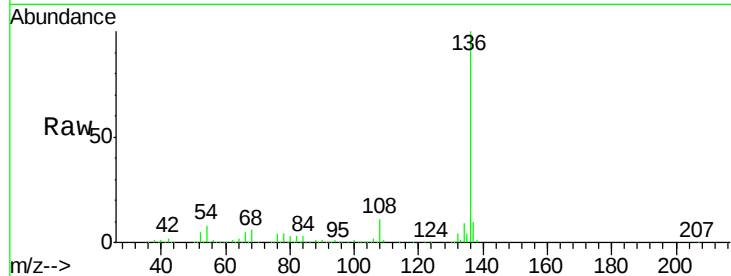
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1070807		
137	10.4	8.8	13.2		
54	7.8	6.6	10.0		
68	6.2	5.1	7.7		

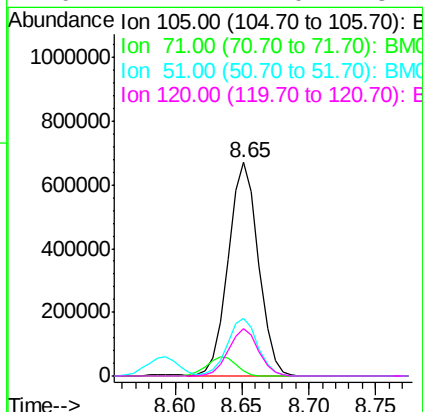
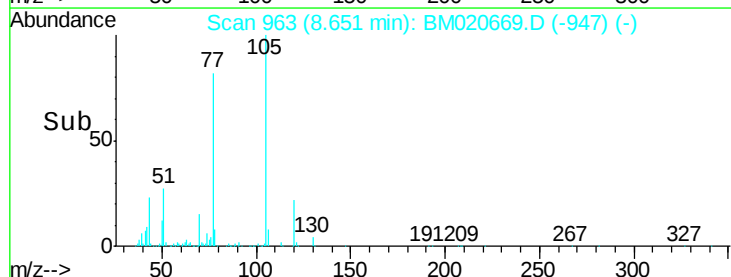
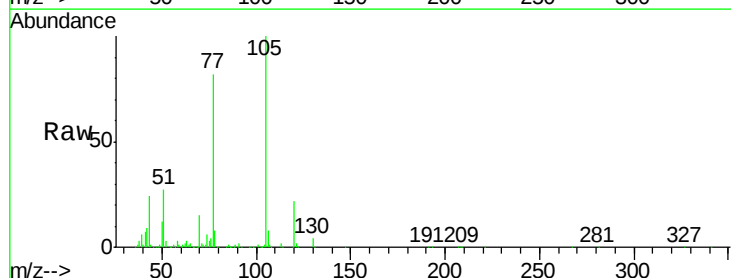
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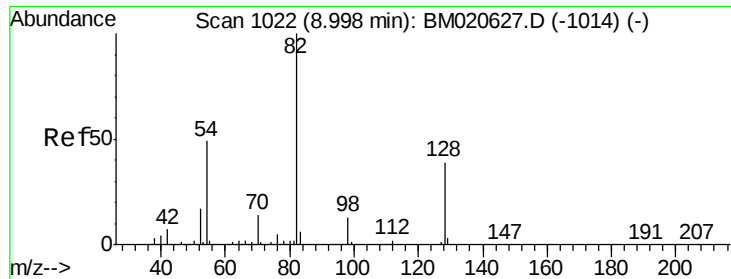
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#22
Acetophenone
Concen: 38.938 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	2.4	3.2	4.8#	
51	26.9	22.8	34.2	
120	22.1	17.0	25.4	





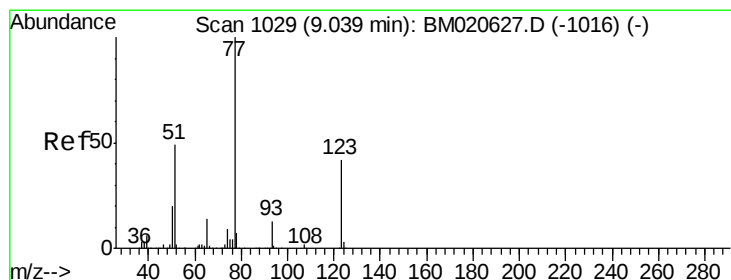
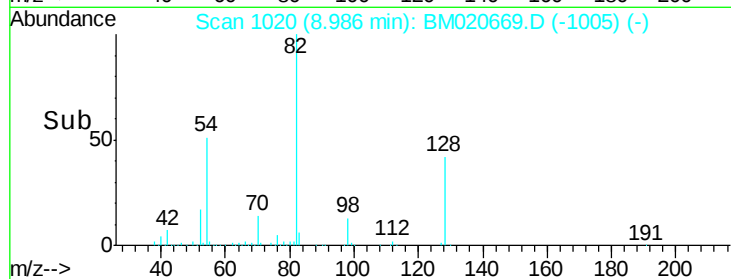
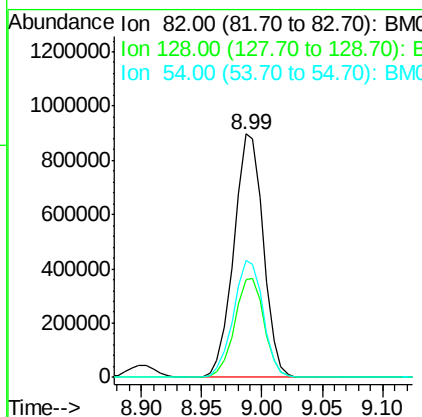
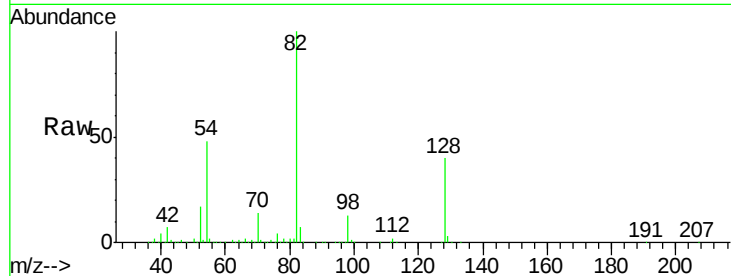
#23
 Nitrobenzene-d5
 Concen: 74.063 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.5	47.3
54	48.1	39.4	59.0

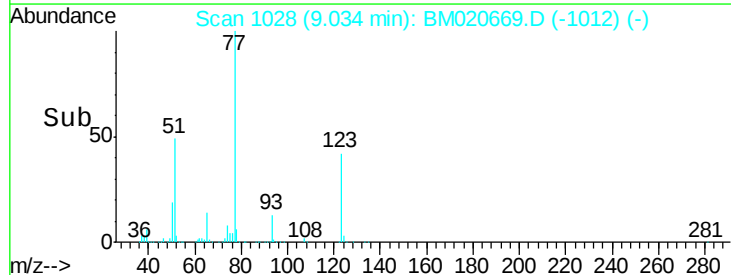
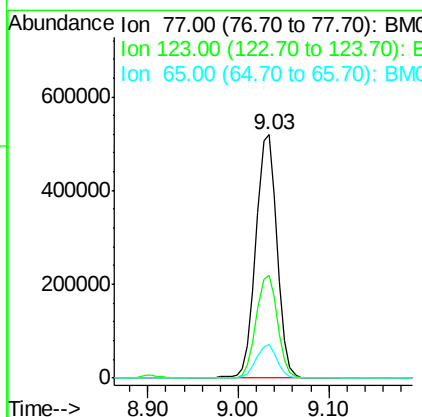
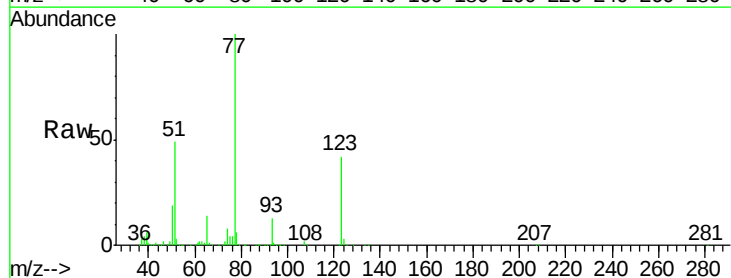
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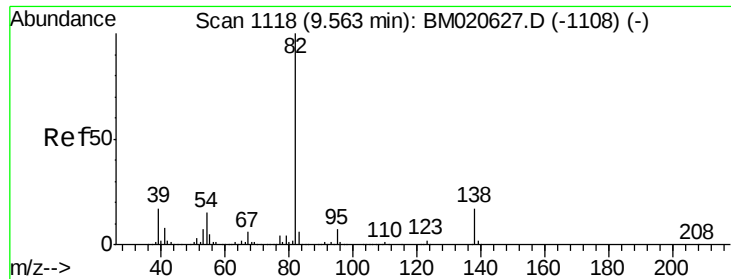
mohammad
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#24
 Nitrobenzene
 Concen: 39.728 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.7	50.5
65	13.6	11.0	16.6





#25

Isophorone

Concen: 35.220 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion: 82 Resp: 1447938

Ion Ratio Lower Upper

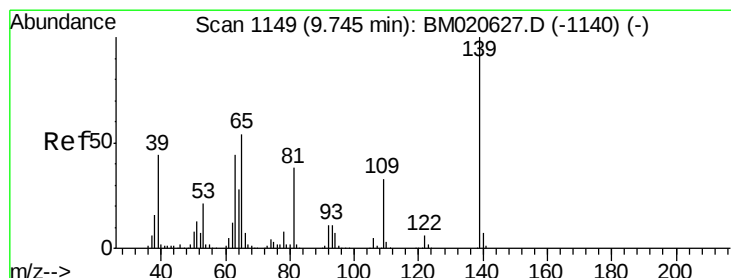
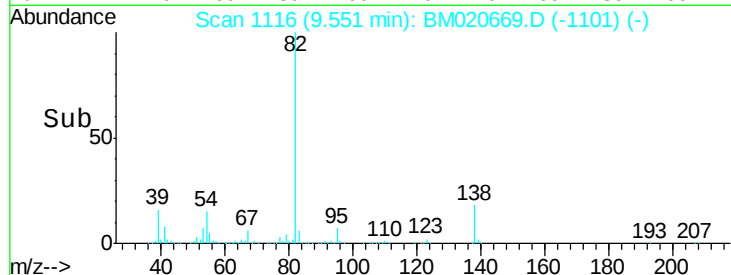
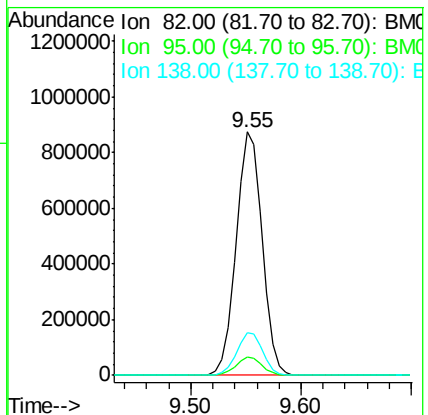
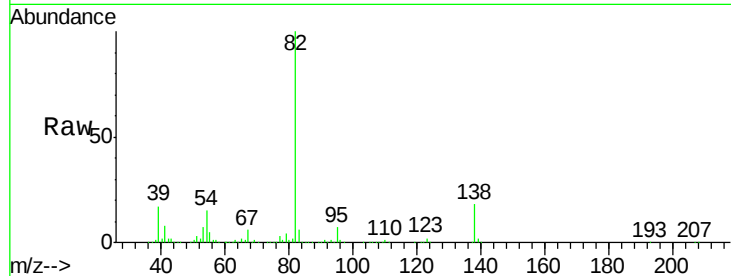
82 100

95 7.3 5.8 8.8

138 17.6 13.8 20.8

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#26

2-Nitrophenol

Concen: 43.660 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

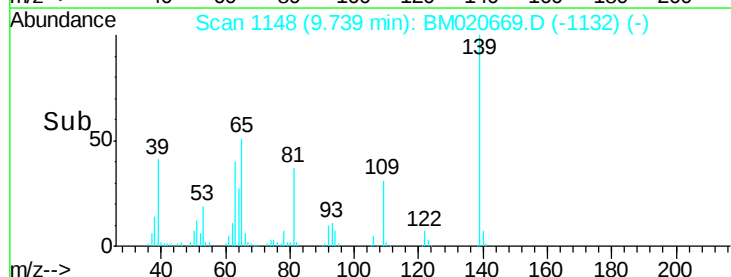
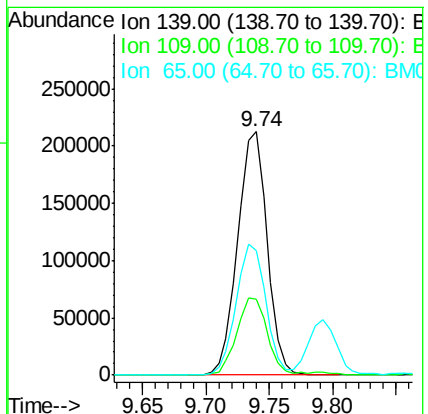
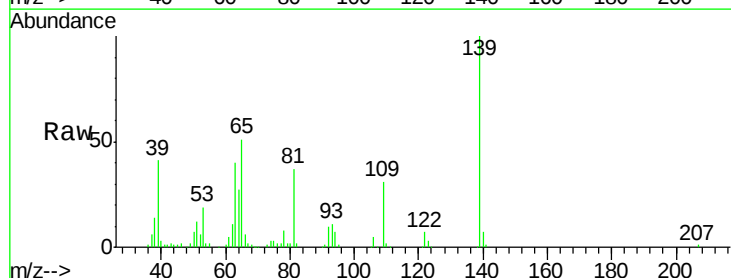
Tgt Ion: 139 Resp: 343309

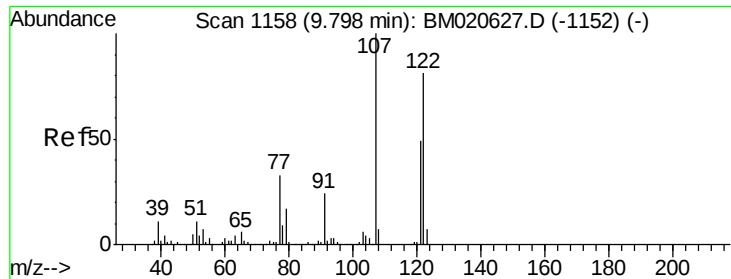
Ion Ratio Lower Upper

139 100

109 31.3 26.1 39.1

65 51.4 43.4 65.0





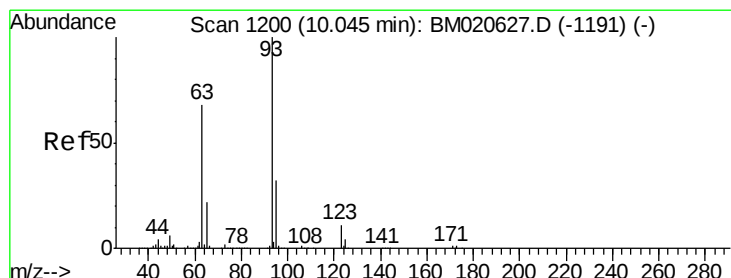
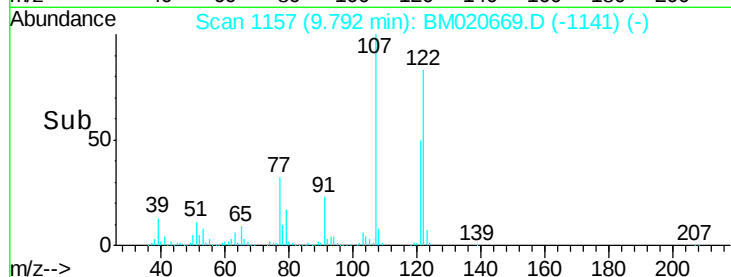
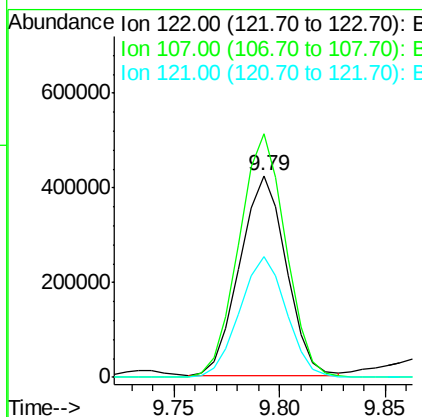
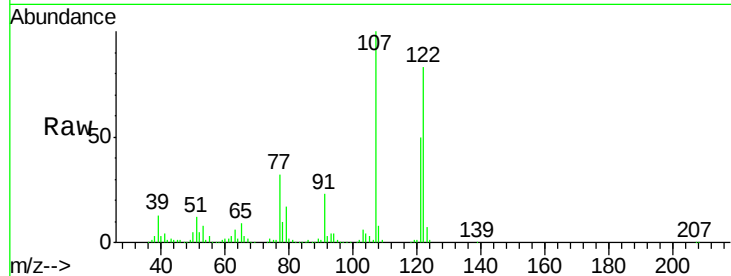
#27
2,4-Dimethylphenol
Concen: 43.832 ng
RT: 9.79 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	98.0	147.0
121	59.9	48.2	72.4

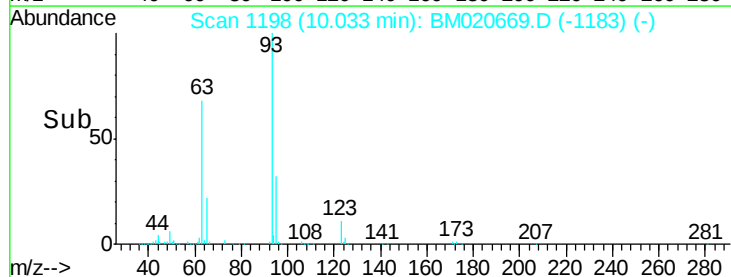
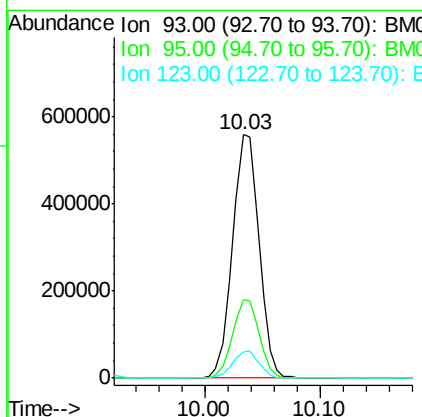
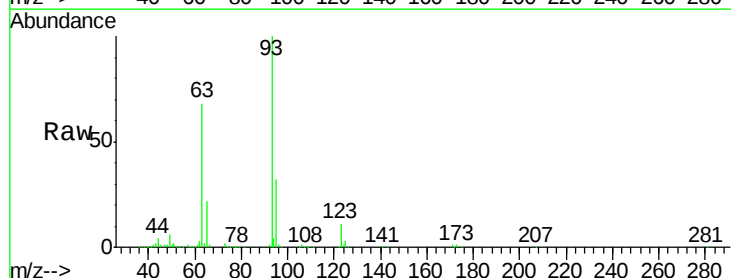
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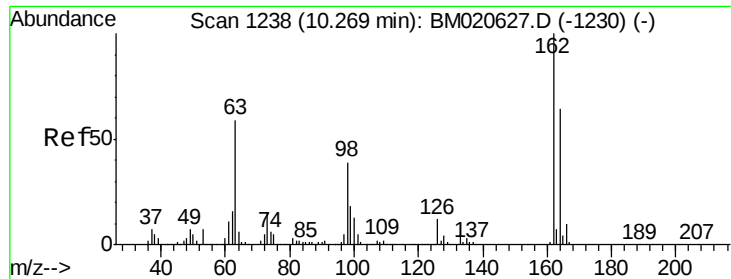
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.791 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.6
123	10.8	9.0	13.6





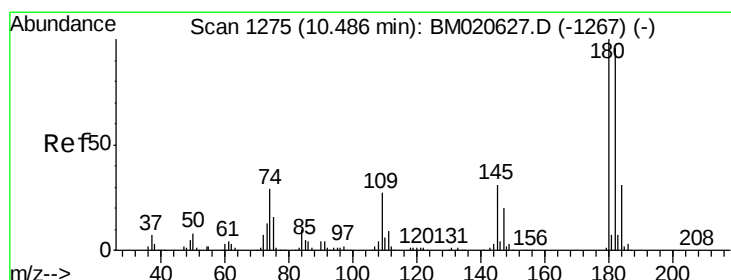
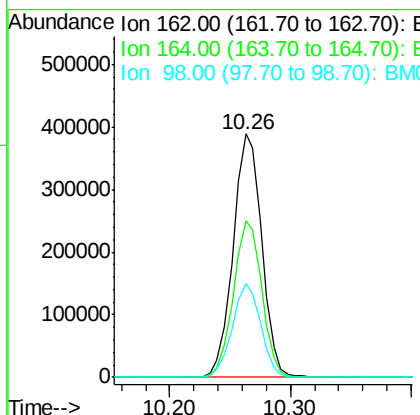
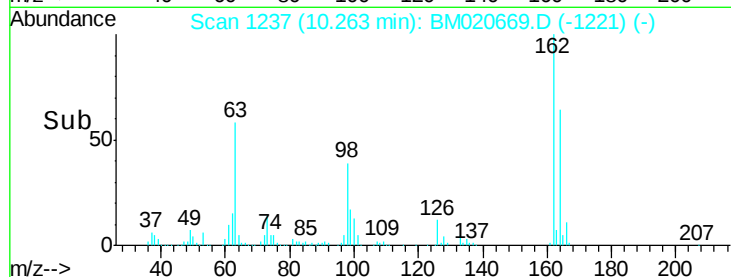
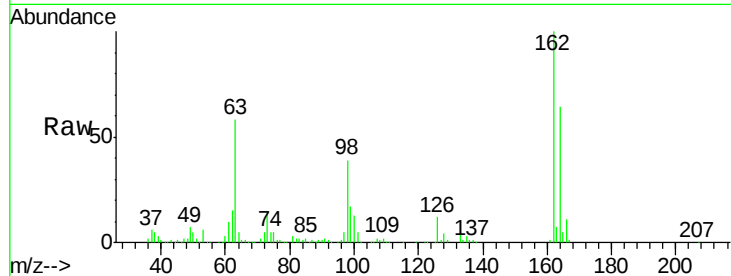
#29
2,4-Dichlorophenol
Concen: 39.419 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampled :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	642614		
164	64.4	43.8	83.8	
98	38.8	19.1	59.1	

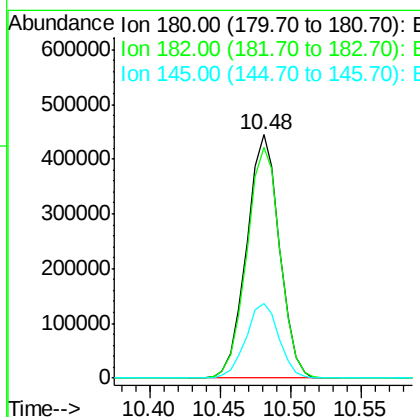
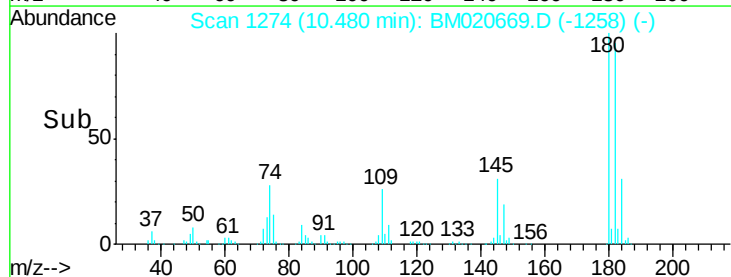
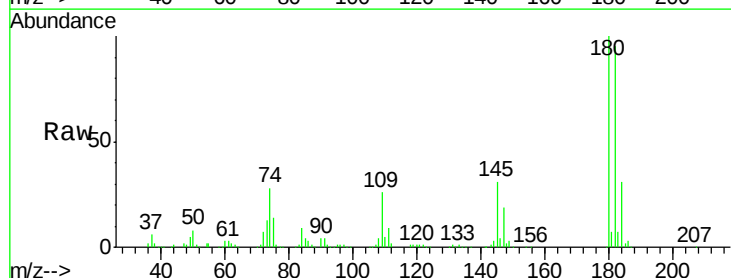
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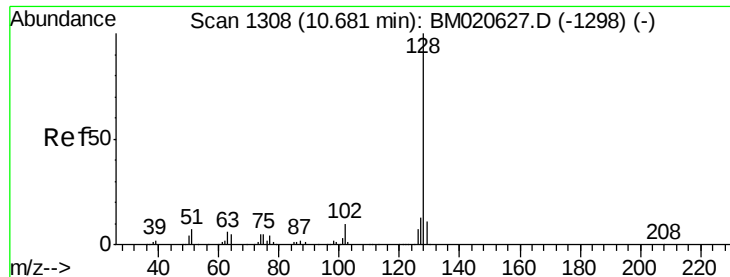
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.604 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	723627		
182	94.6	77.0	115.6	
145	30.9	25.0	37.4	





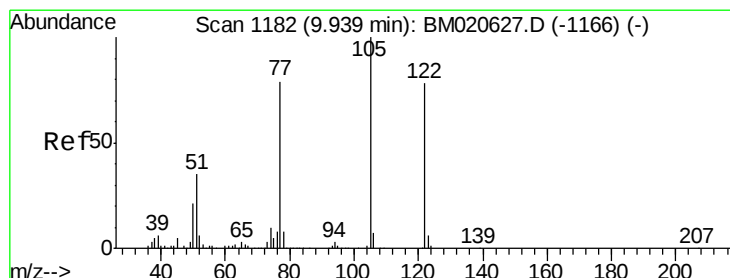
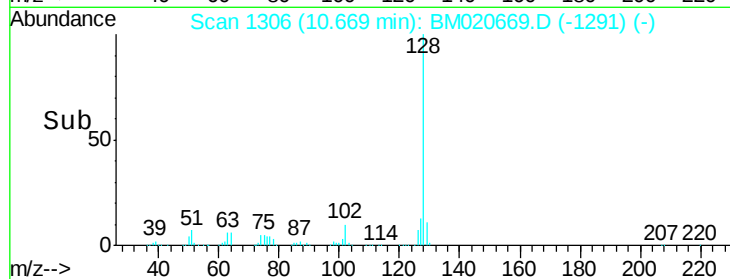
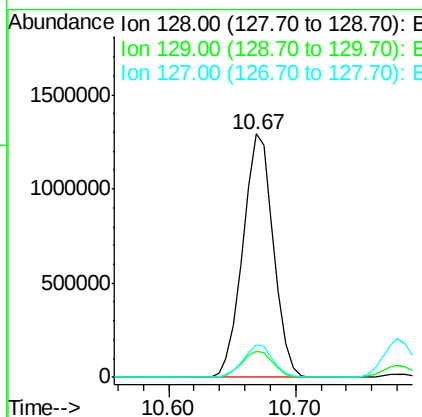
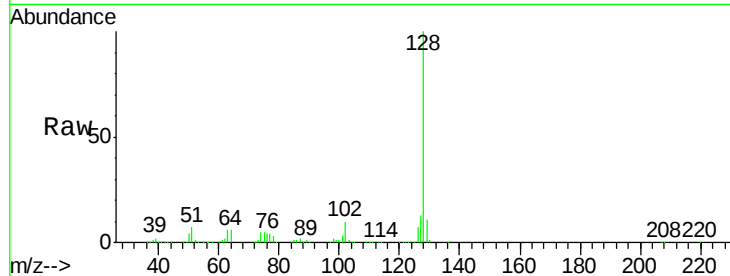
#31
Naphthalene
Concen: 39.113 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.2	10.3	15.5

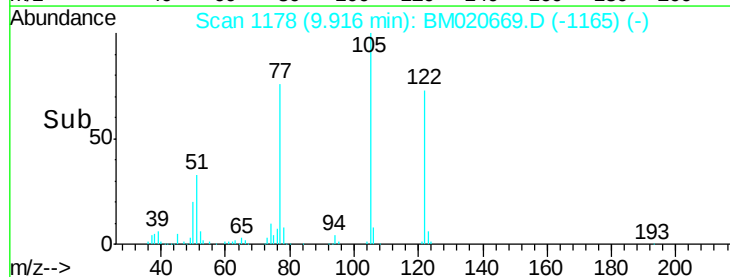
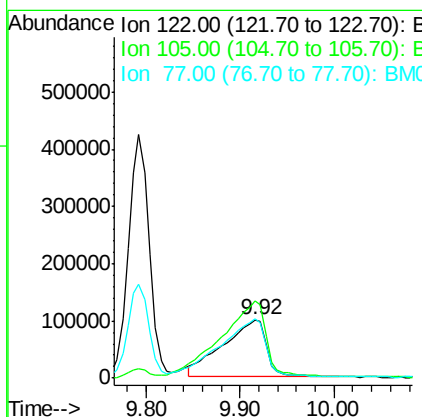
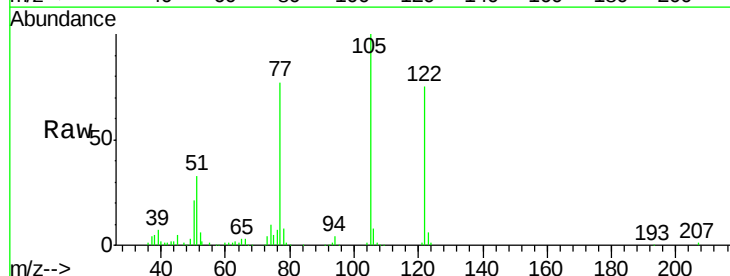
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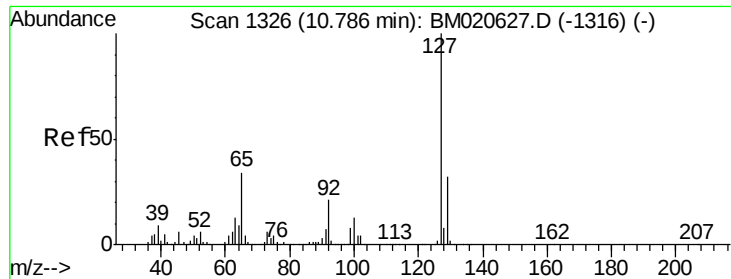
mohammad
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#32
Benzoic acid
Concen: 36.291 ng
RT: 9.92 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	107.0	147.0
77	102.0	80.9	120.9





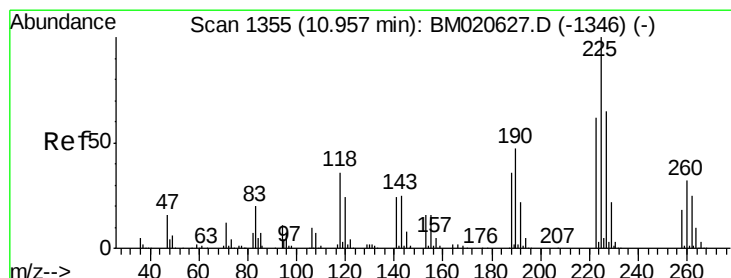
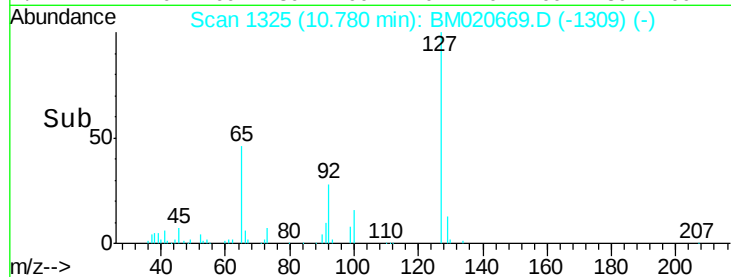
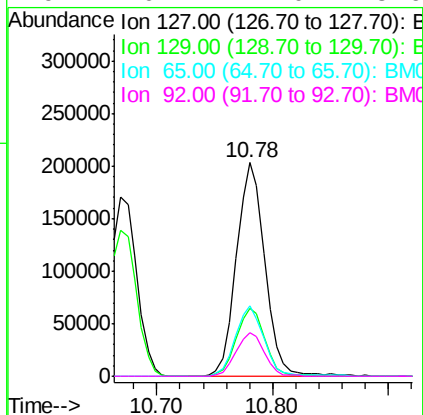
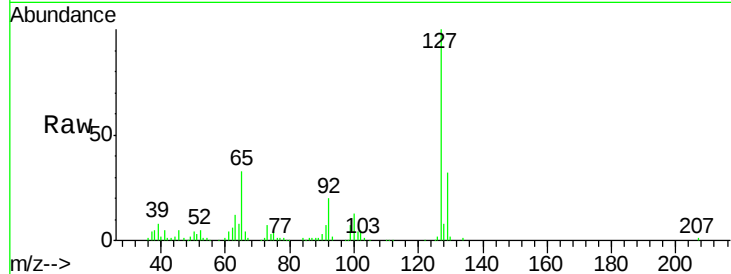
#33
4-Chloroaniline
Concen: 13.548 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		347193		
129	31.9	25.7	38.5		
65	32.8	27.4	41.0		
92	20.1	17.0	25.6		

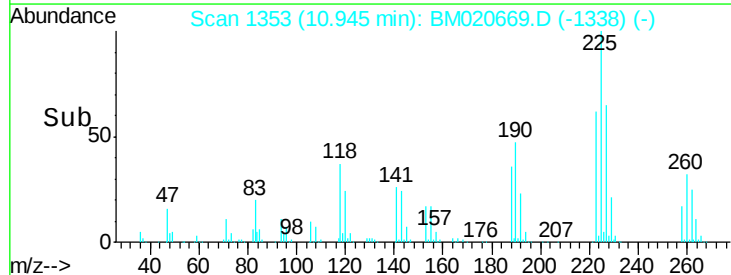
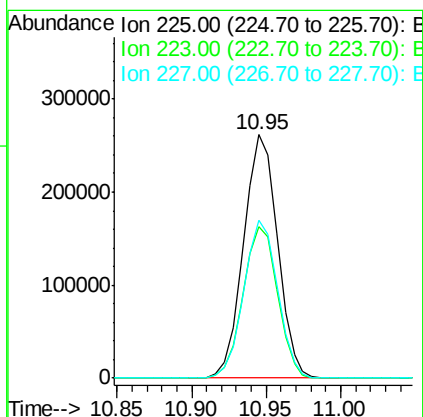
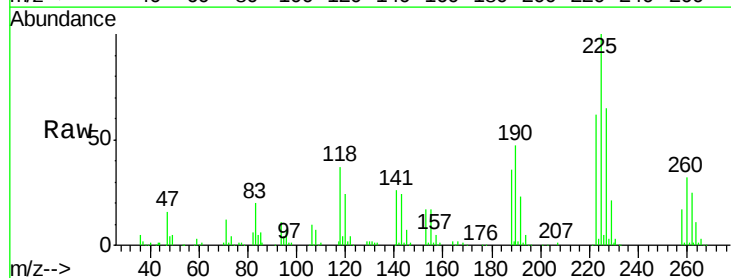
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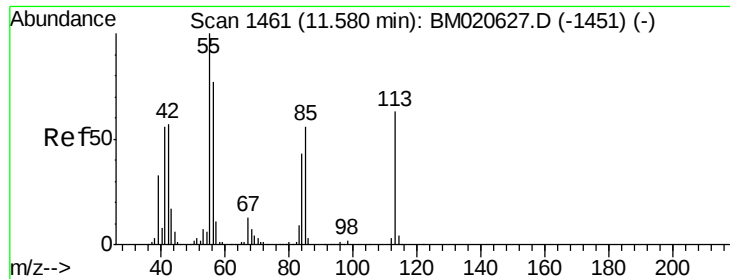
mohammad
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#34
Hexachlorobutadiene
Concen: 36.644 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		412144		
223	62.4	49.7	74.5		
227	64.8	51.8	77.8		





#35

Caprolactam

Concen: 32.046 ng/mL

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampleID :

PB120221BS

Tot Ion:113 Resp: 181489

Ion Ratio Lower Upper

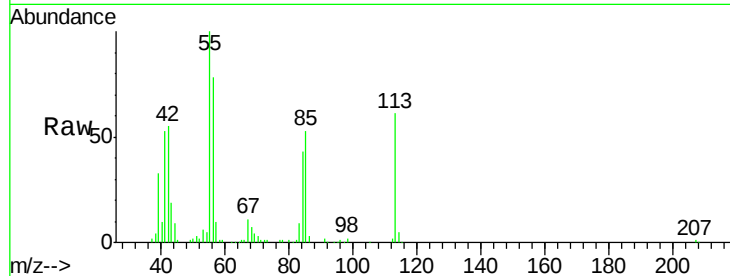
113 100

55 163.6 138.6 178.6

56 127.9 102.3 142.3

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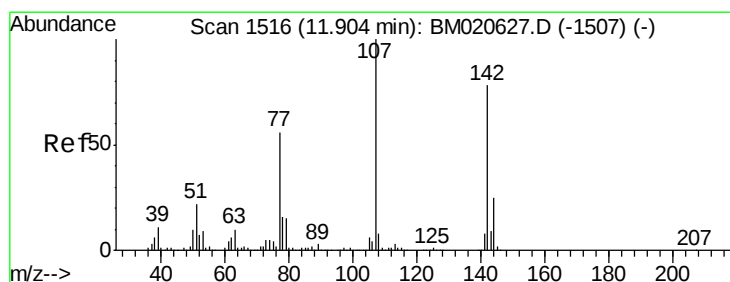
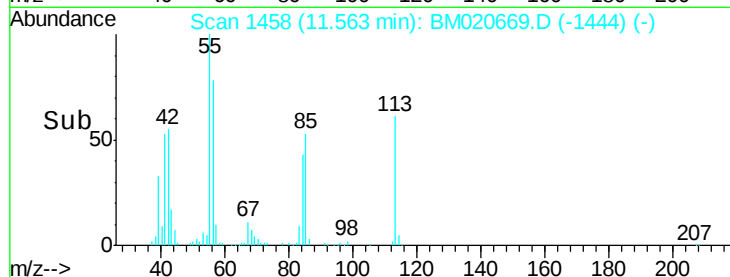
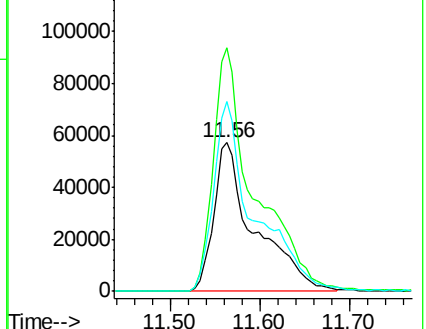
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 35.134 ng/mL

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

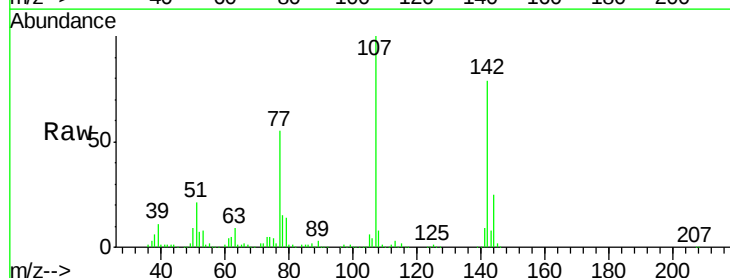
Tgt Ion:107 Resp: 665912

Ion Ratio Lower Upper

107 100

144 25.2 20.3 30.5

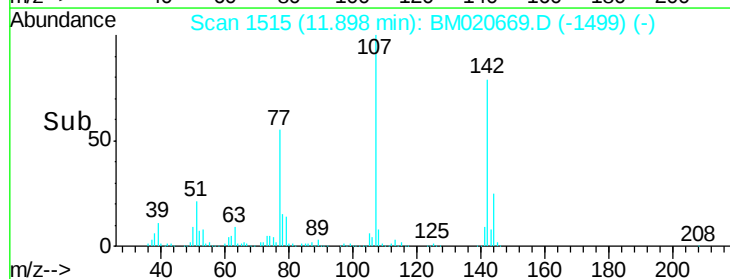
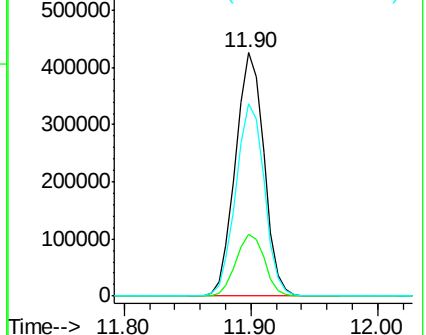
142 78.9 62.6 93.8

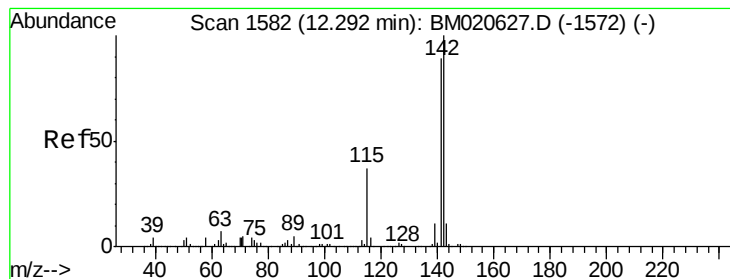


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.226 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion:142 Resp: 1519403

Ion Ratio Lower Upper

142 100

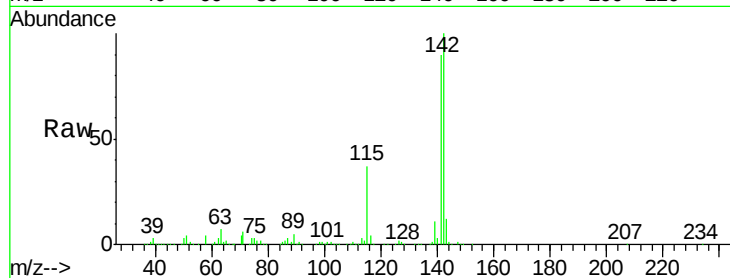
141 90.0 71.6 107.4

115 36.7 29.6 44.4

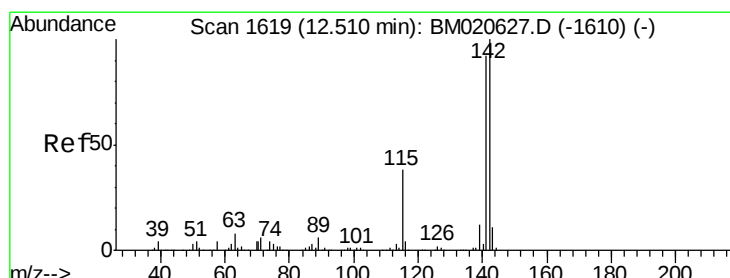
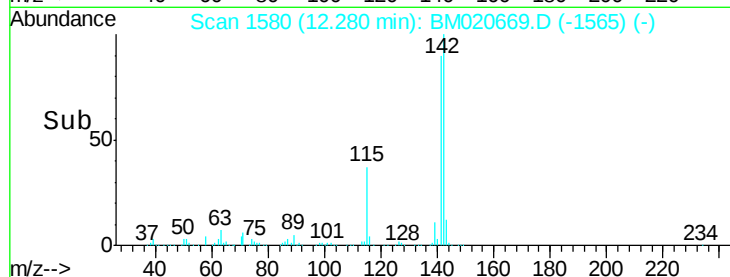
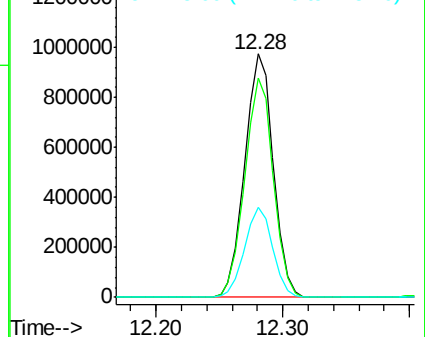
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.071 ng

RT: 12.50 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

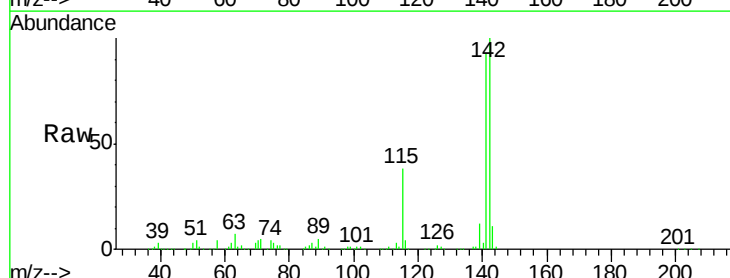
Tgt Ion:142 Resp: 1440718

Ion Ratio Lower Upper

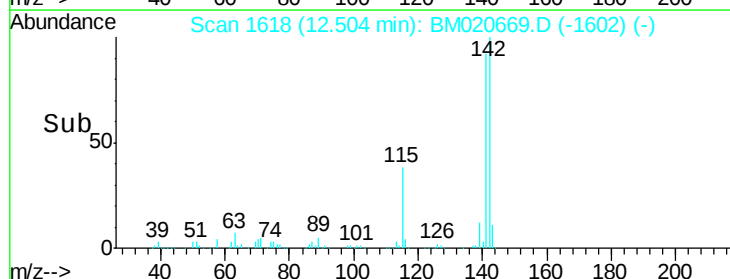
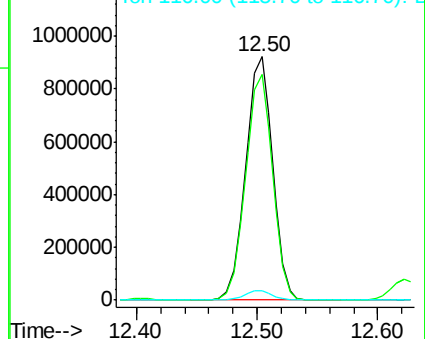
142 100

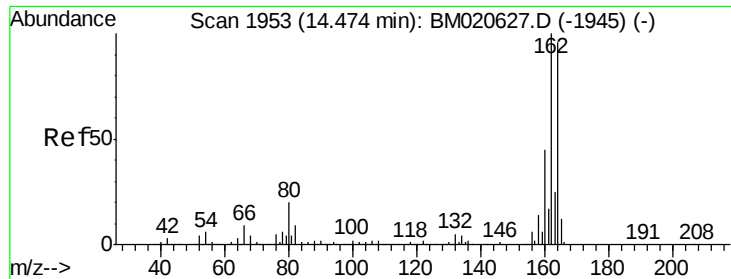
141 92.5 73.9 110.9

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





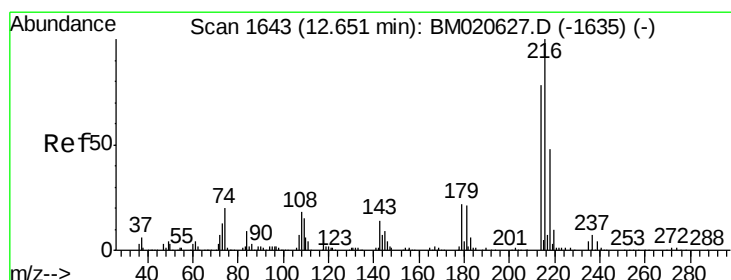
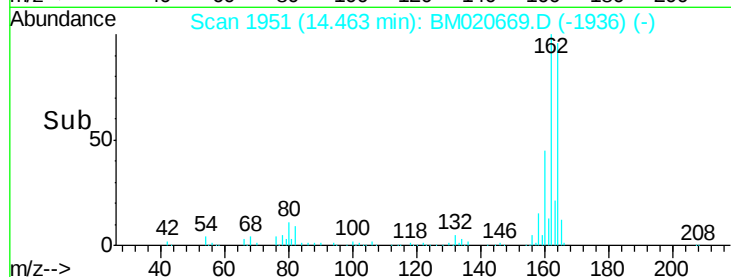
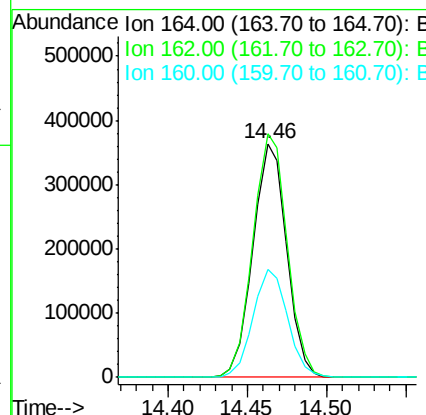
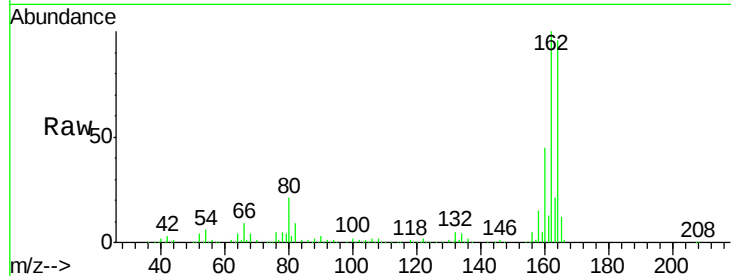
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	83.2	124.8	
160	46.4	37.5	56.3	

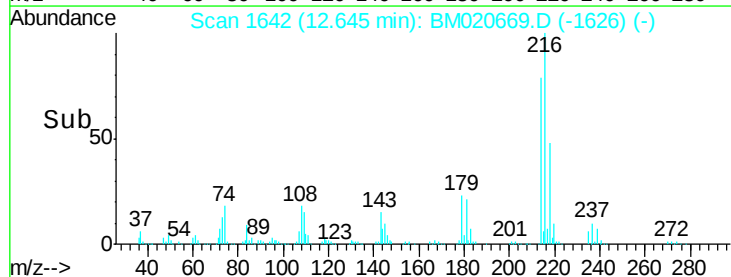
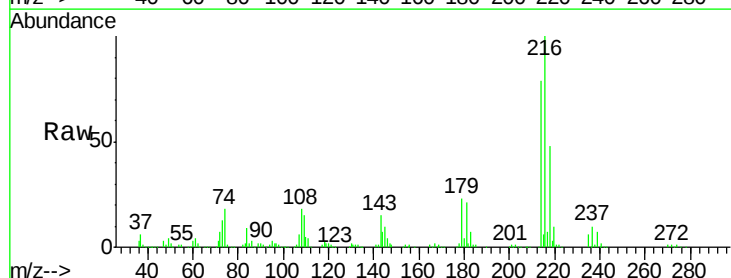
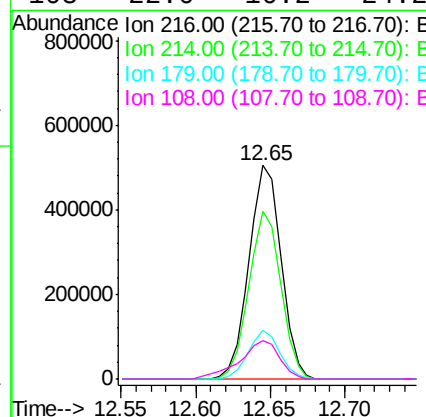
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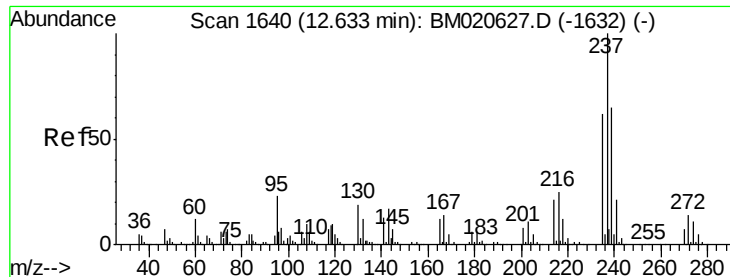
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.659 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.0	94.4	
179	22.1	17.9	26.9	
108	22.0	16.2	24.2	





#41

Hexachlorocyclopentadiene

Concen: 88.467 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

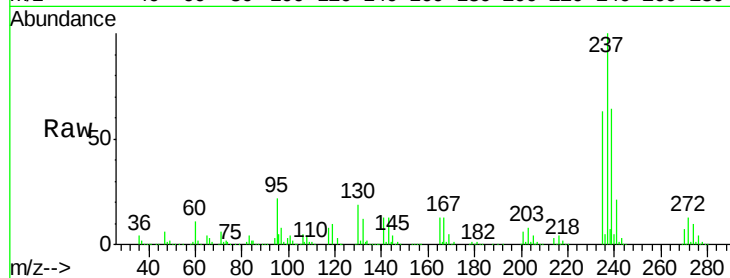
ClientSampleId :

PB120221BS

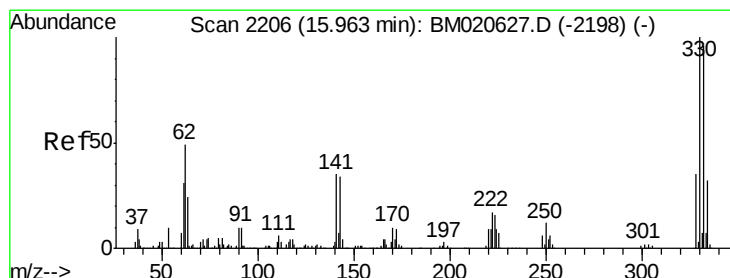
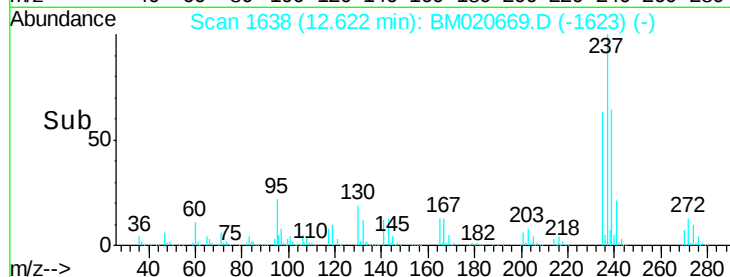
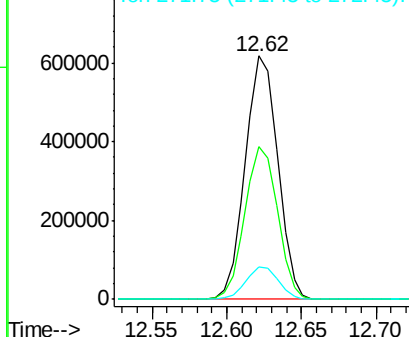
Tot Ion:	237	Resp:	933344
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.1	82.1
272	13.1	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 128.737 ng

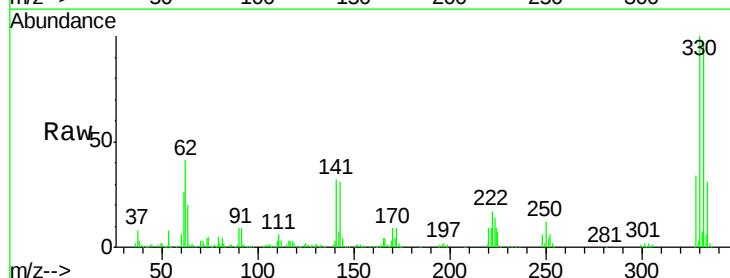
RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

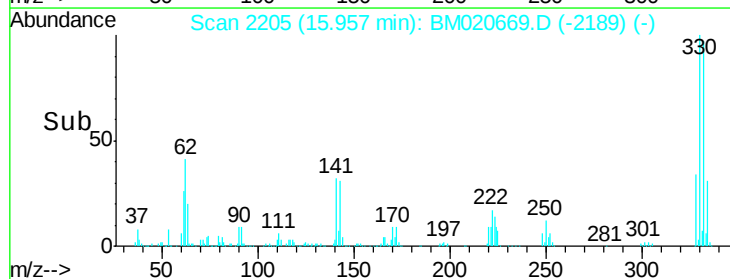
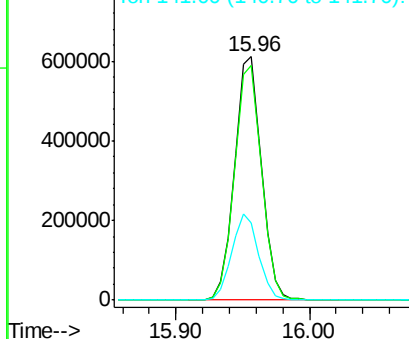
Lab File: BM020669.D

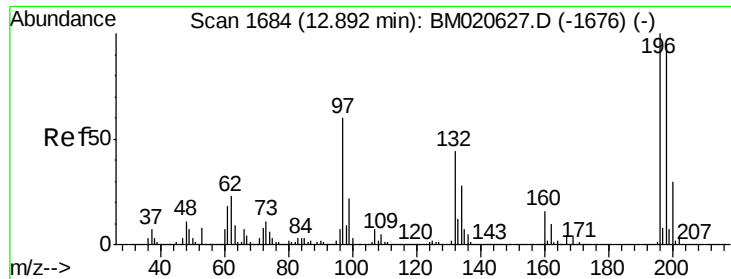
Acq: 03 Jun 2019 14:04

Tgt Ion:	330	Resp:	858596
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.4	116.0
141	35.7	30.4	45.6



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





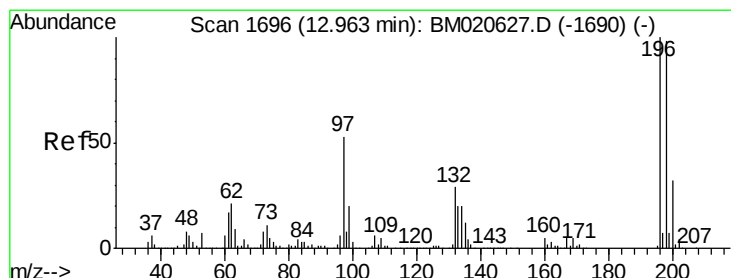
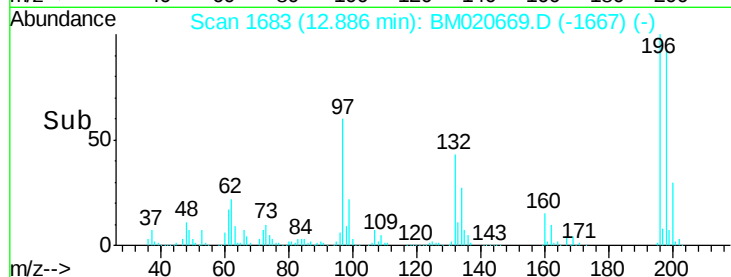
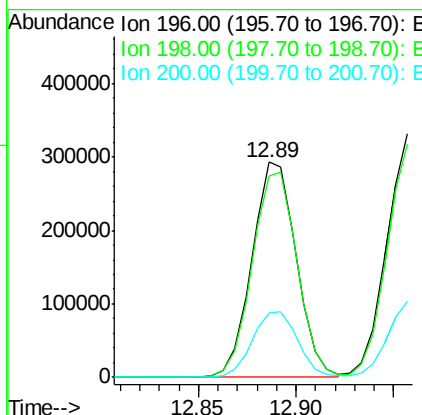
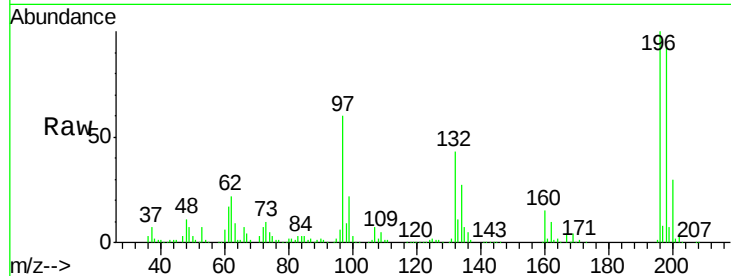
#43
 2,4,6-Trichlorophenol
 Concen: 40.483 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	459668		
198	93.3	75.7	113.5	
200	30.2	23.9	35.9	

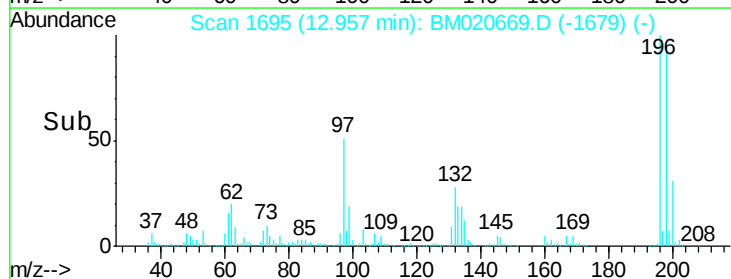
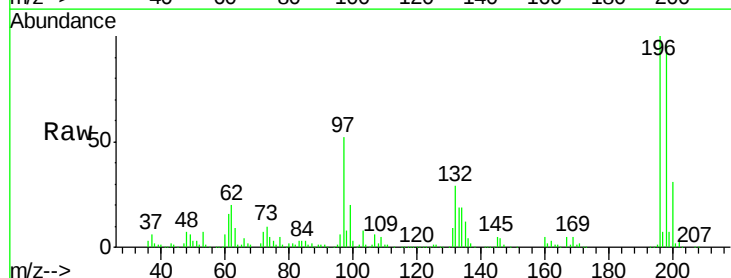
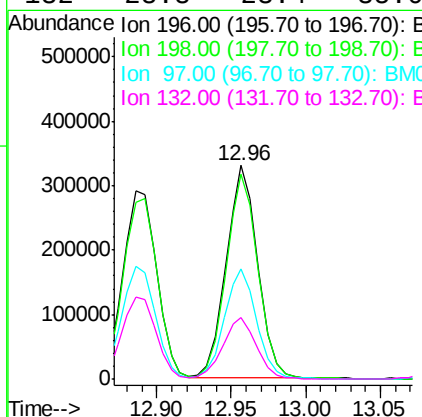
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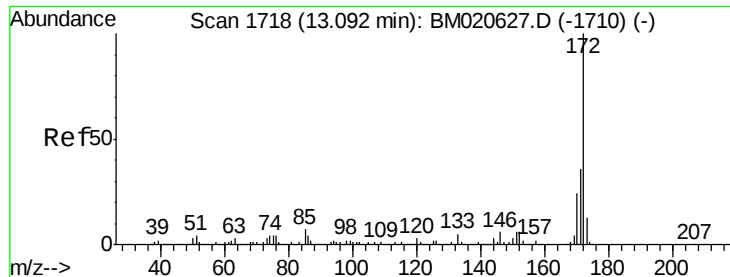
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.641 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	488137		
198	96.0	78.6	117.8	
97	51.7	42.7	64.1	
132	28.8	23.4	35.0	





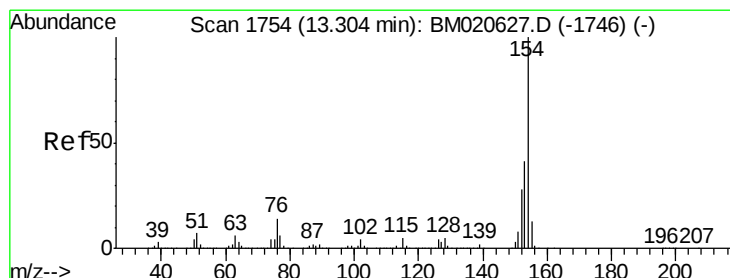
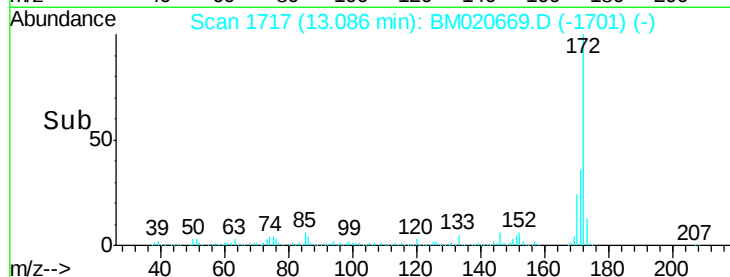
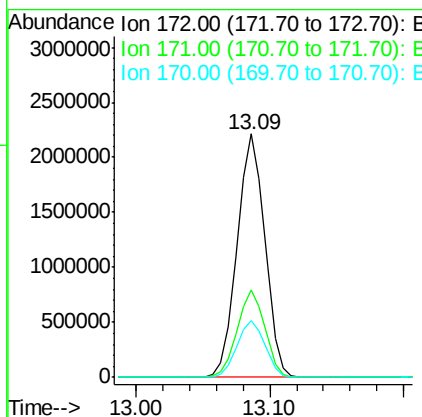
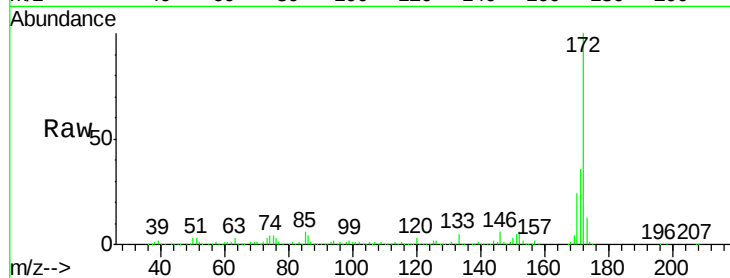
#45
2-Fluorobiphenyl
Concen: 78.538 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.5	18.9	28.3

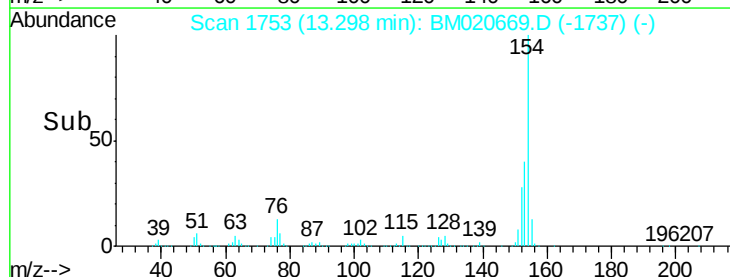
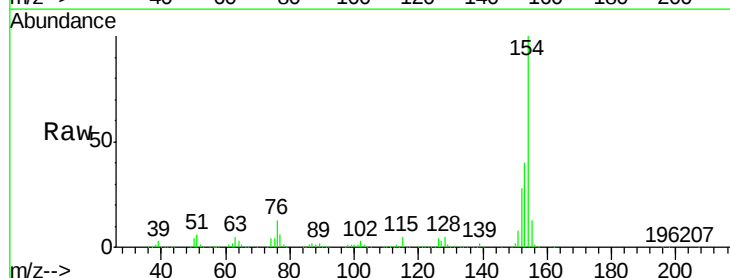
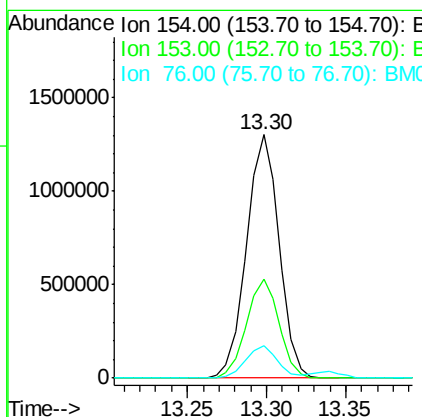
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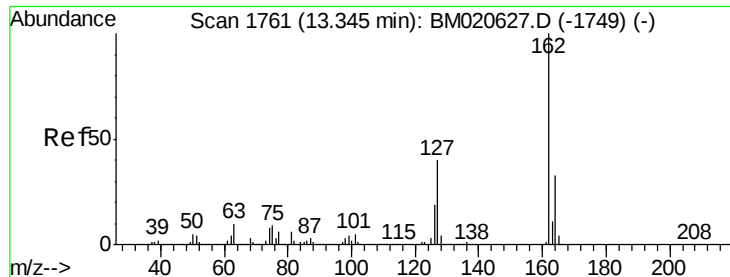
mohammad
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#46
1,1'-Biphenyl
Concen: 41.308 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	13.3	0.0	34.0





#47

2-Chloronaphthalene

Concen: 39.687 ng

RT: 13.34 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion: 162 Resp: 1439989

Ion Ratio Lower Upper

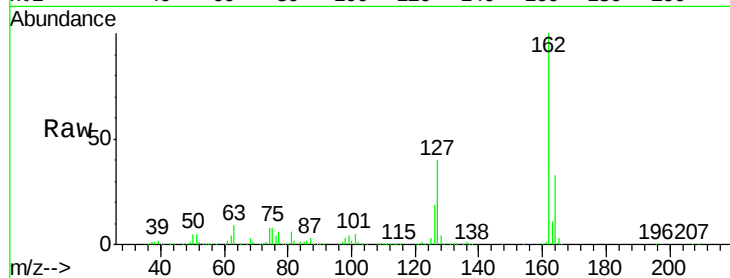
162 100

127 39.8 32.1 48.1

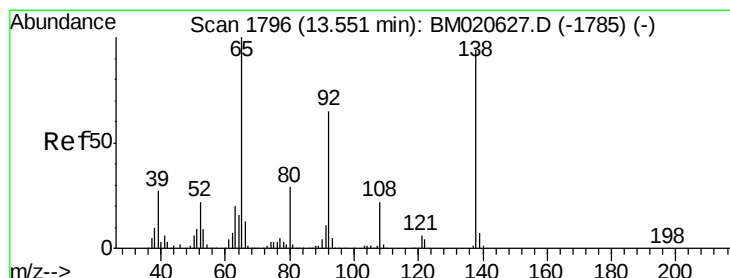
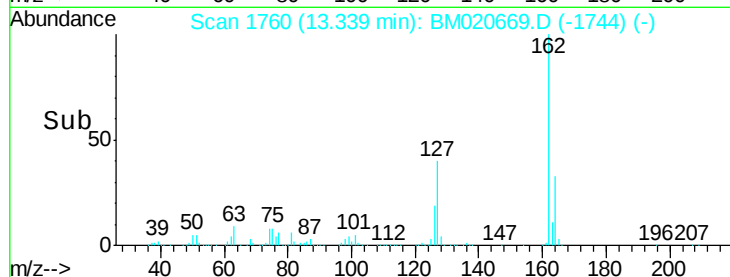
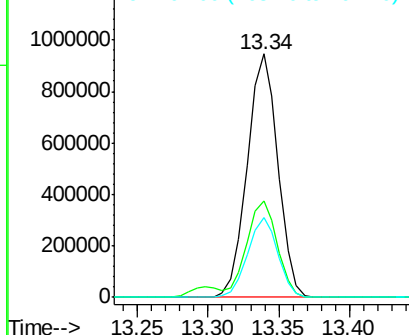
164 32.8 26.6 39.8

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



#48

2-Nitroaniline

Concen: 35.933 ng

RT: 13.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

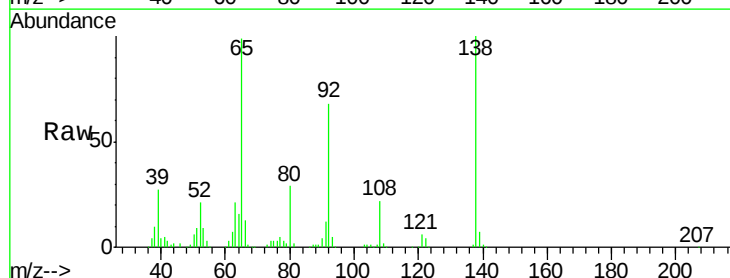
Tgt Ion: 65 Resp: 409205

Ion Ratio Lower Upper

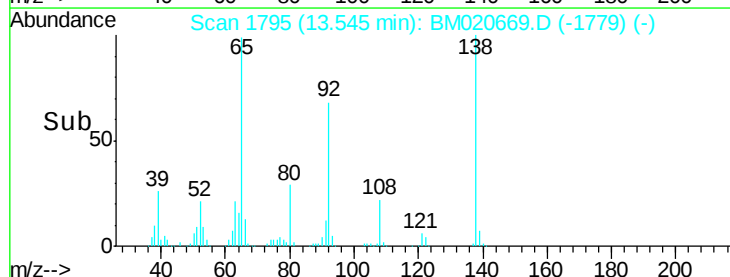
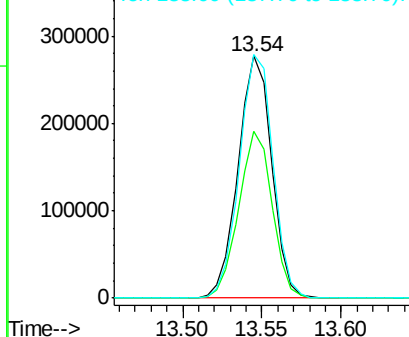
65 100

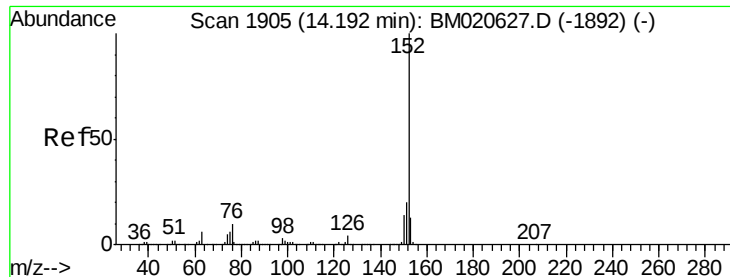
92 68.8 52.2 78.4

138 100.7 75.4 113.0



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





#49

Acenaphthylene

Concen: 39.836 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion:152 Resp: 2255255

Ion Ratio Lower Upper

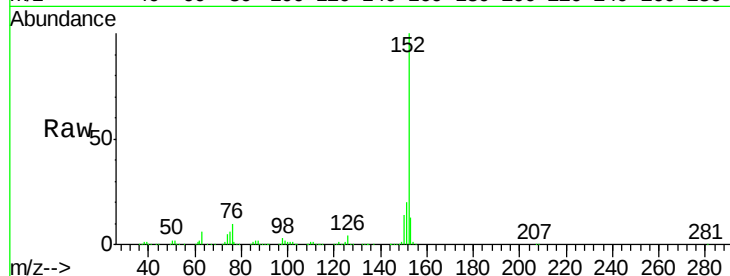
152 100

151 19.8 16.2 24.2

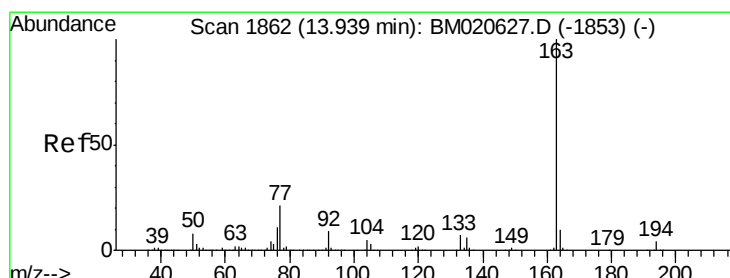
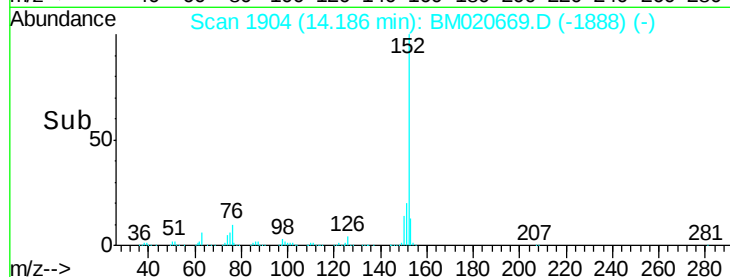
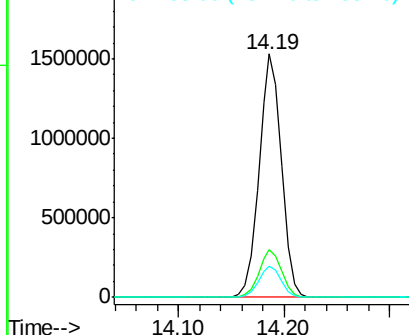
153 13.0 10.6 15.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.861 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

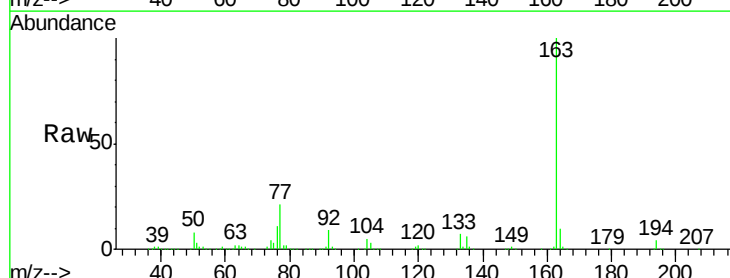
Tgt Ion:163 Resp: 1649185

Ion Ratio Lower Upper

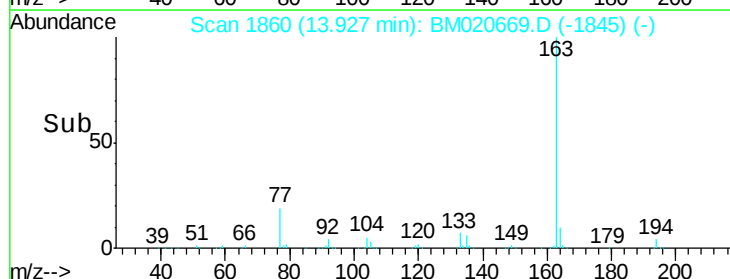
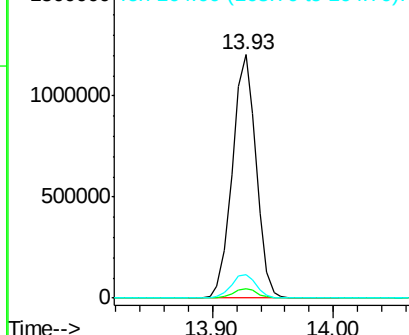
163 100

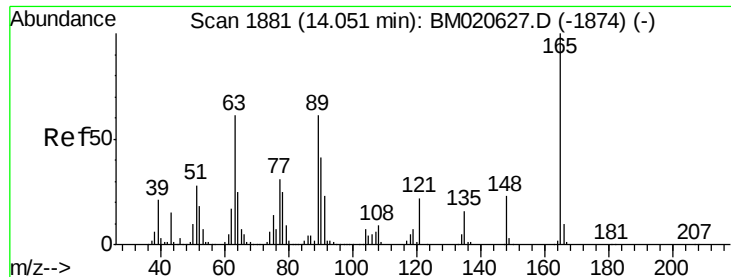
194 4.0 3.2 4.8

164 9.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.634 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

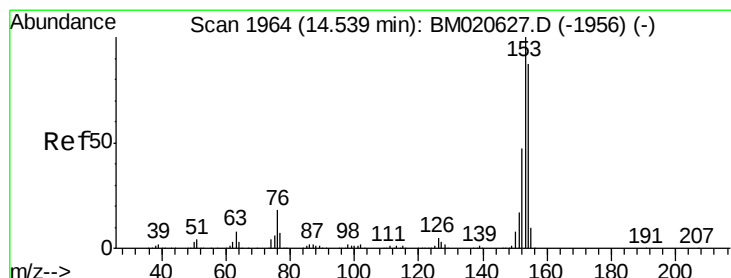
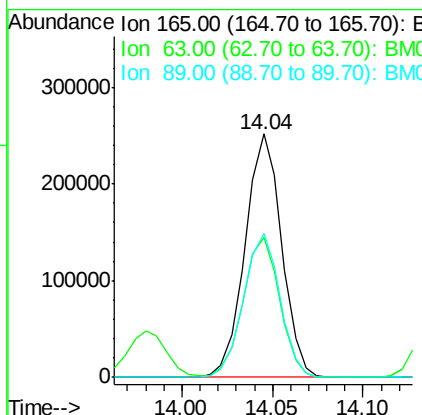
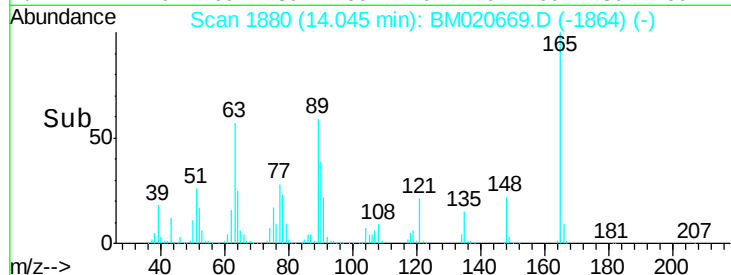
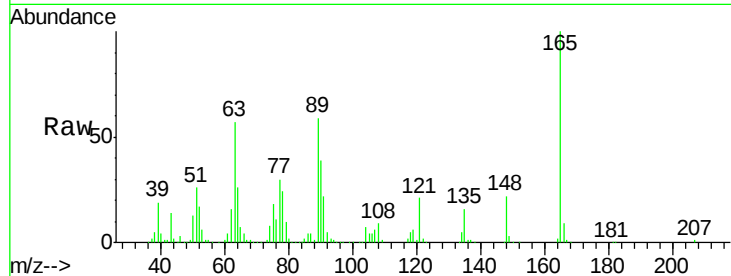
ClientSampleId :

PB120221BS

Tot Ion:	165	Resp:	351430
Ion Ratio	Lower	Upper	
165	100		
63	57.4	50.4	75.6
89	58.9	49.1	73.7

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#52

Acenaphthene

Concen: 38.745 ng

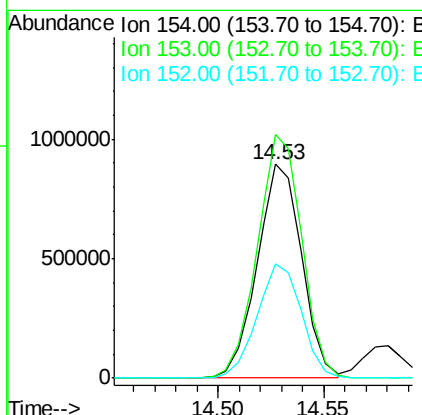
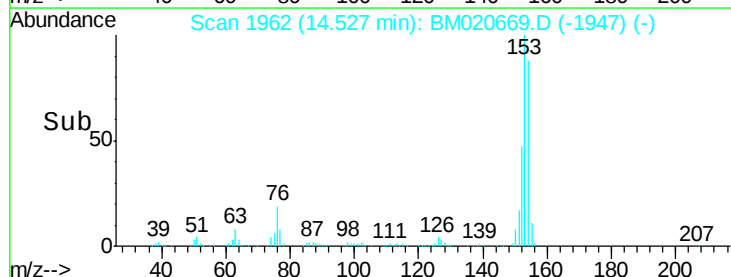
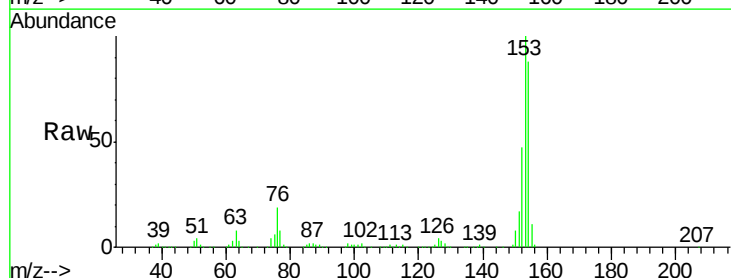
RT: 14.53 min Scan# 1962

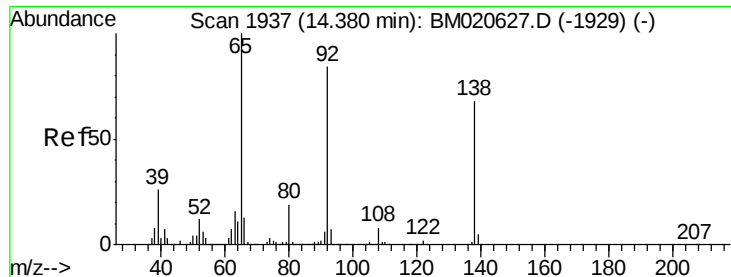
Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	154	Resp:	1307176
Ion Ratio	Lower	Upper	
154	100		
153	113.9	92.4	138.6
152	53.3	43.4	65.0





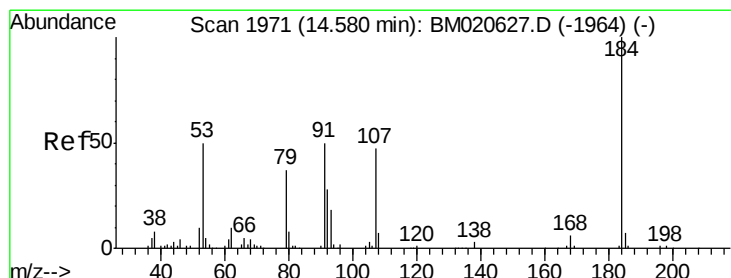
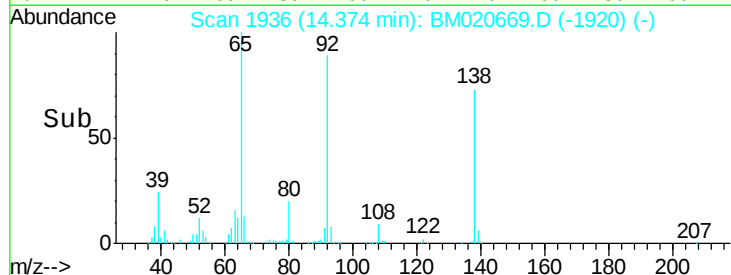
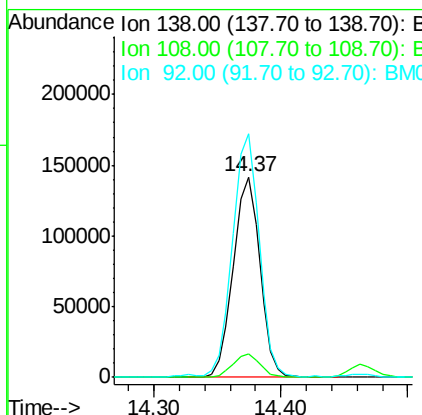
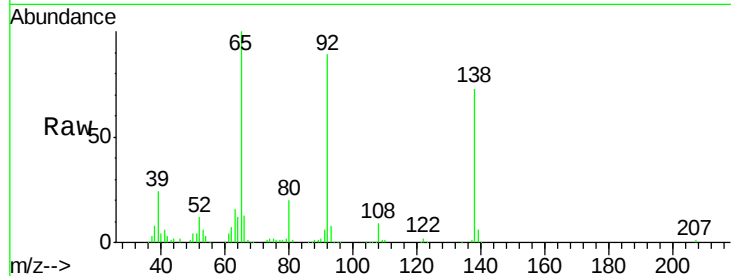
#53
3-Nitroaniline
Concen: 19.791 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	206281		
108	11.7	9.5	14.3	
92	121.6	99.6	149.4	

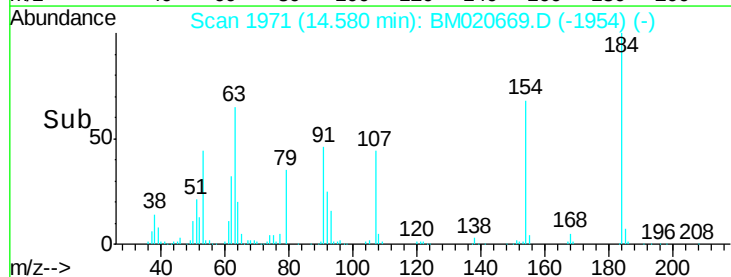
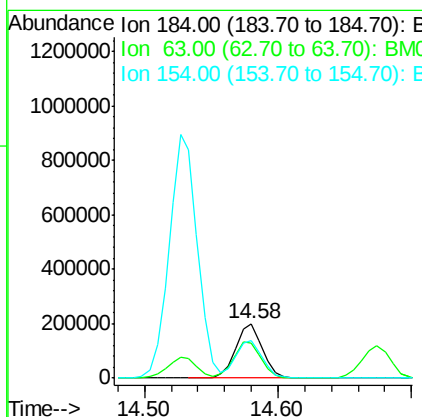
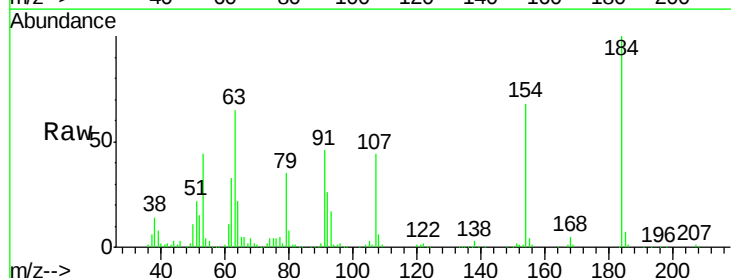
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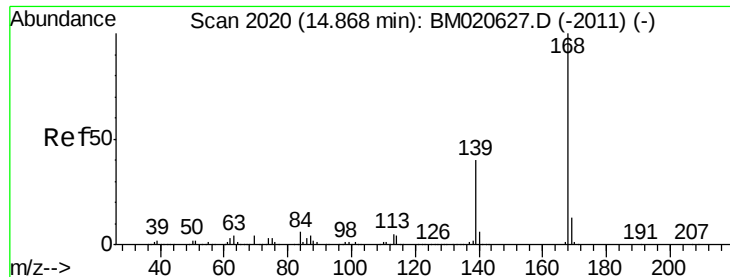
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#54
2,4-Dinitrophenol
Concen: 70.215 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	278148		
63	65.0	59.3	88.9	
154	68.2	56.5	84.7	





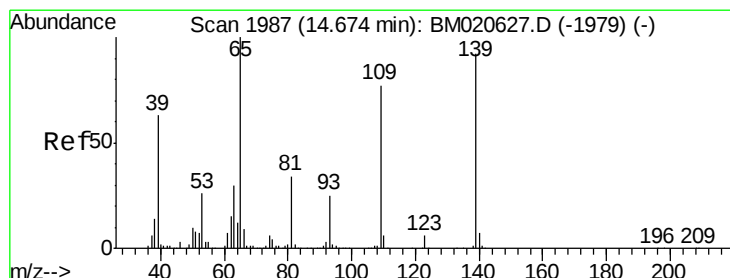
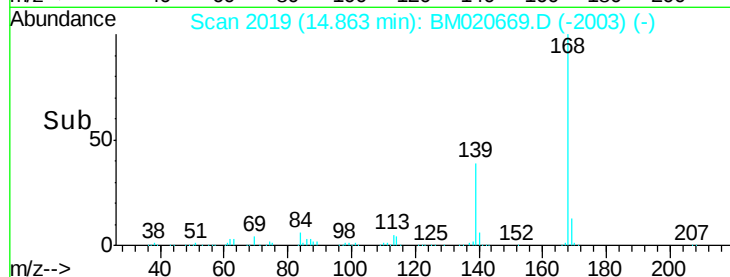
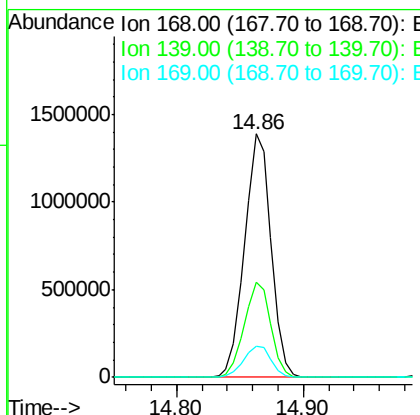
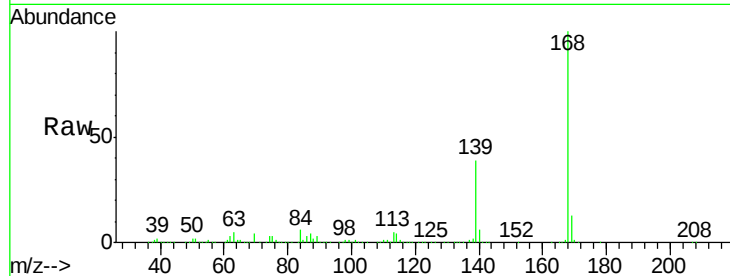
#55
Dibenzofuran
Concen: 38.357 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.9	47.9
169	13.0	10.7	16.1

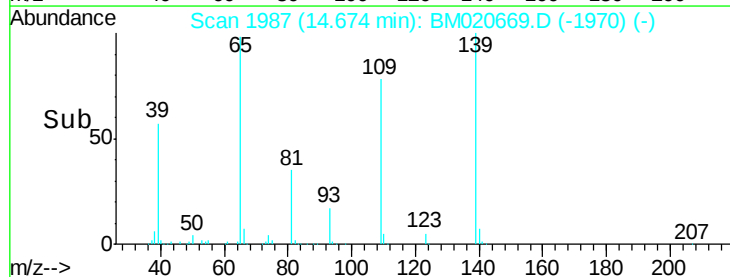
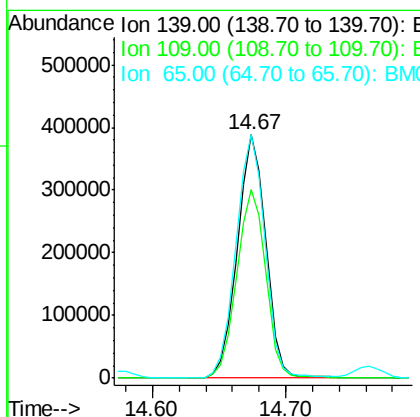
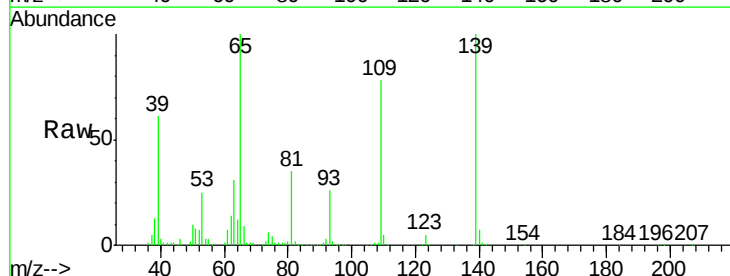
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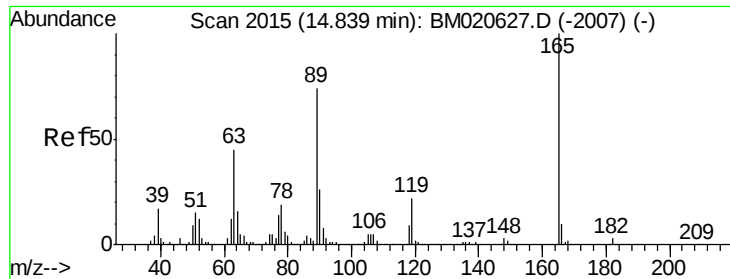
mohammad
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#56
4-Nitrophenol
Concen: 74.537 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.7	62.7	102.7
65	100.0	88.3	128.3





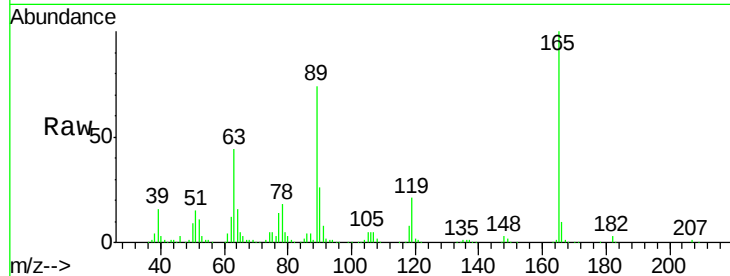
#57
2,4-Dinitrotoluene
Concen: 36.849 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	460732		
63	43.6	36.3	54.5	
89	74.4	59.0	88.6	
182	2.7	2.2	3.4	

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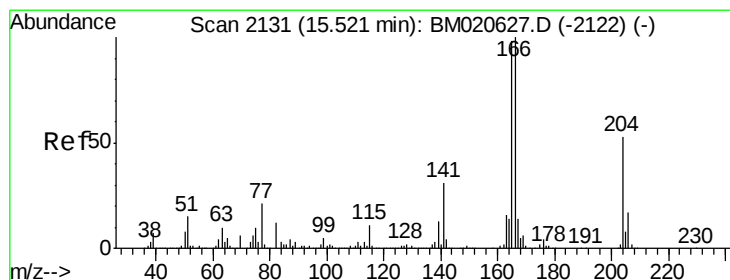
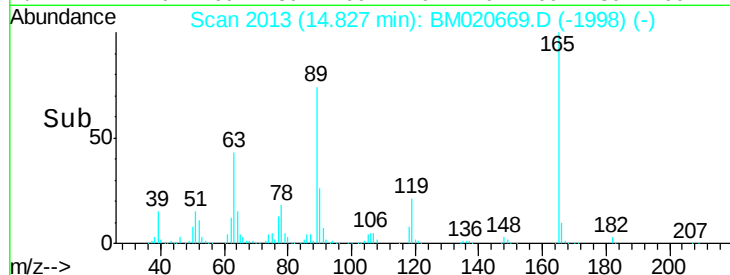
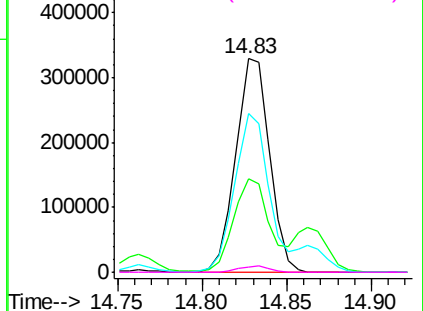
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

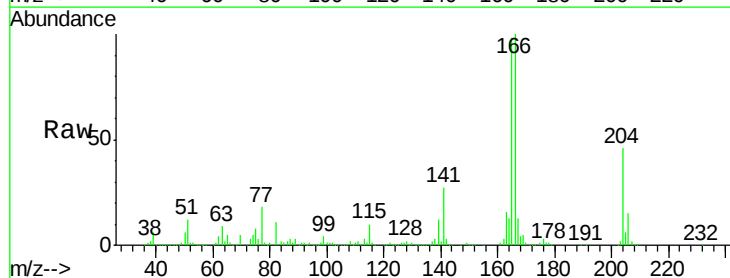
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.881 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1589265		
165	98.5	78.6	117.8	
167	13.3	11.0	16.4	

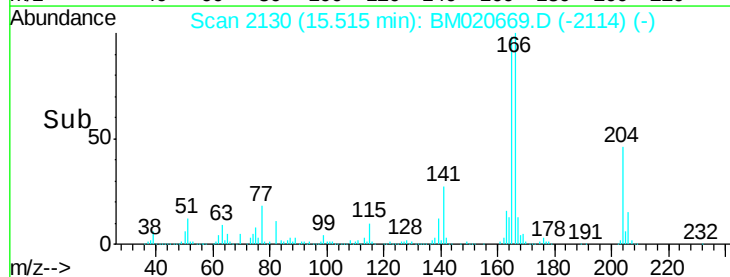
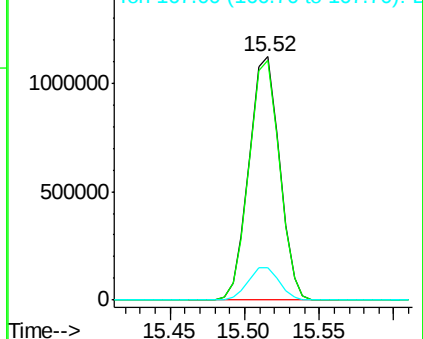


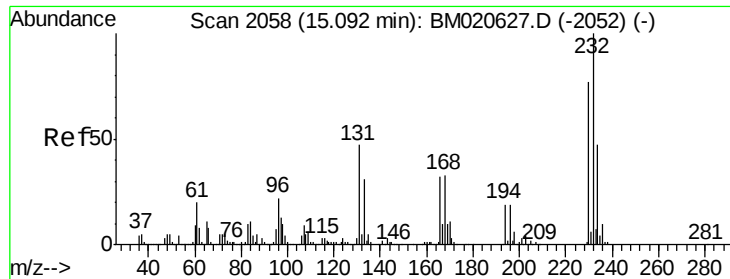
Abundance

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





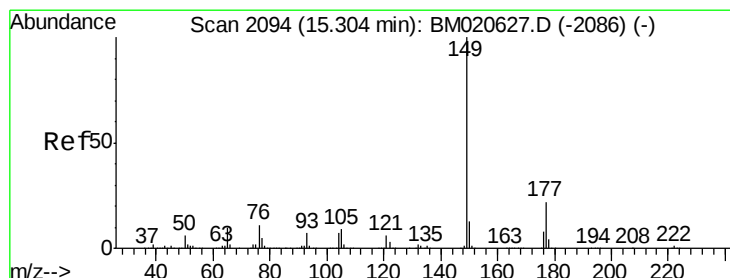
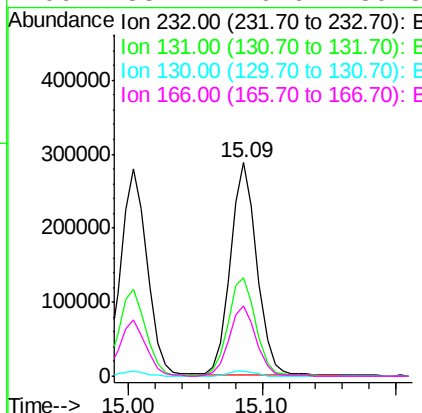
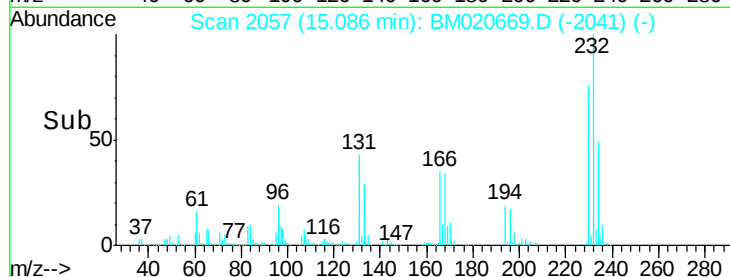
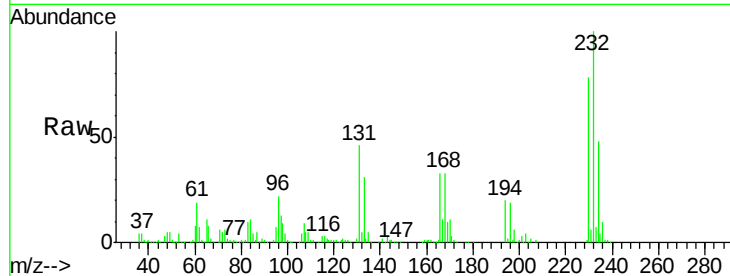
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.026 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.6	57.8
130	2.6	2.2	3.2
166	33.4	26.6	39.8

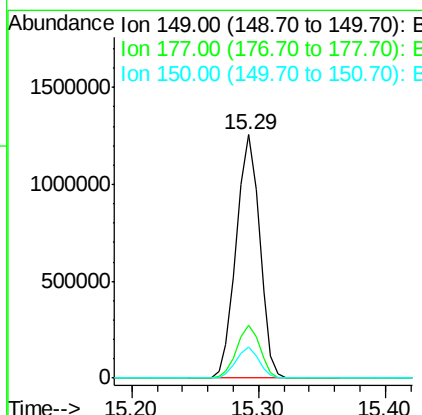
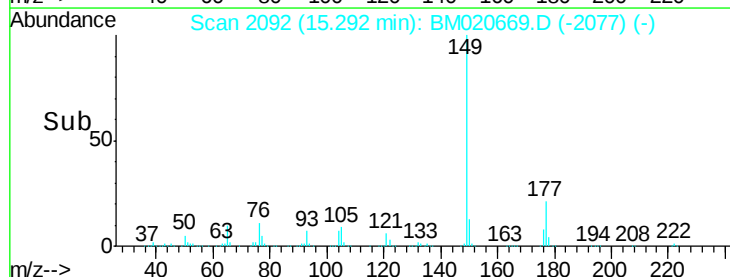
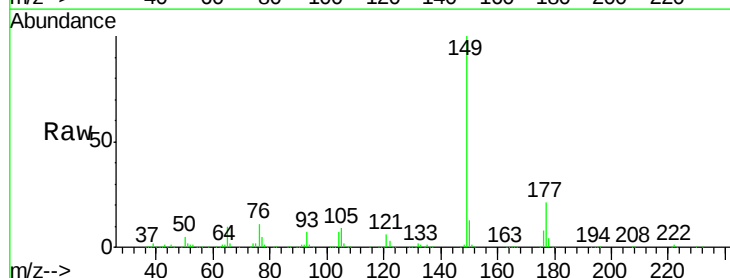
Manual Integrations
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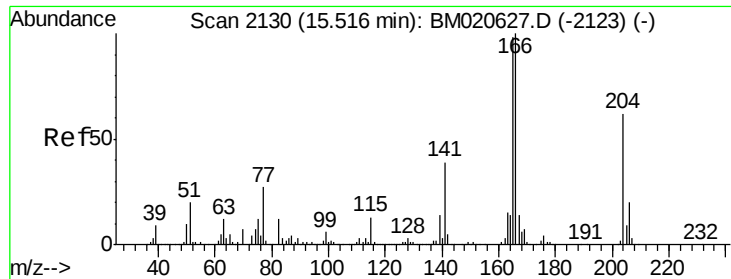
mohammad
 6/5/2019 8:46:01 AM



#60
 Diethylphthalate
 Concen: 33.815 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

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





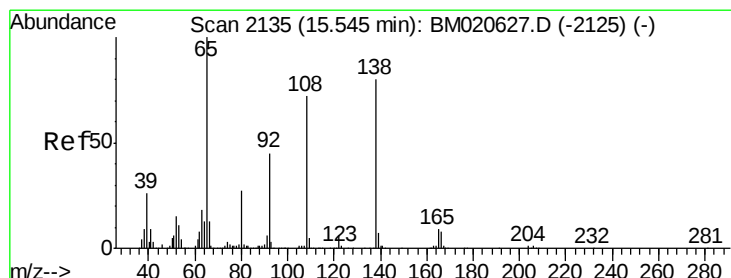
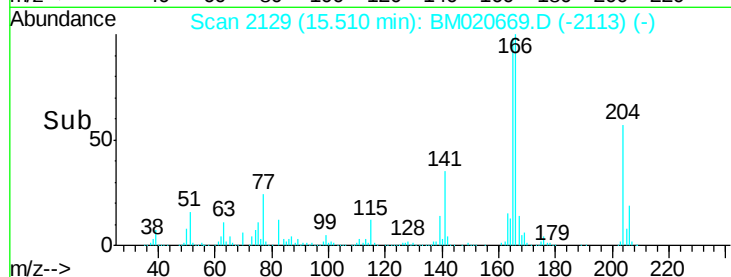
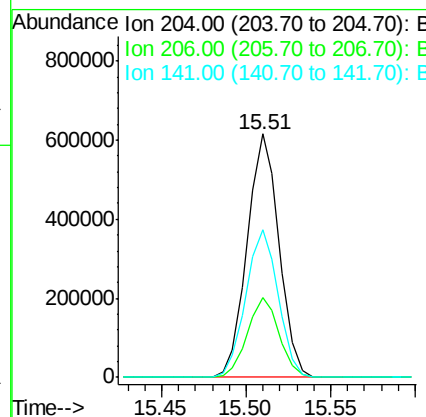
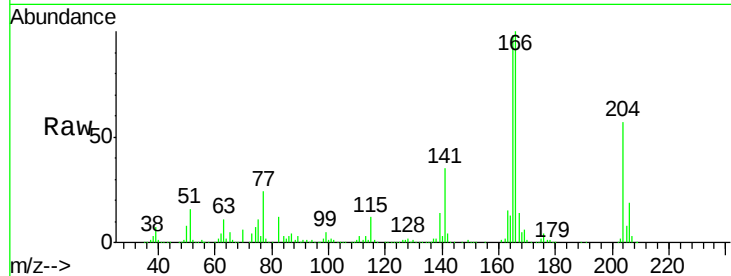
#61
4-Chlorophenyl-phenylether
Concen: 35.437 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	808531		
206	32.6	25.8	38.8	
141	60.4	50.2	75.4	

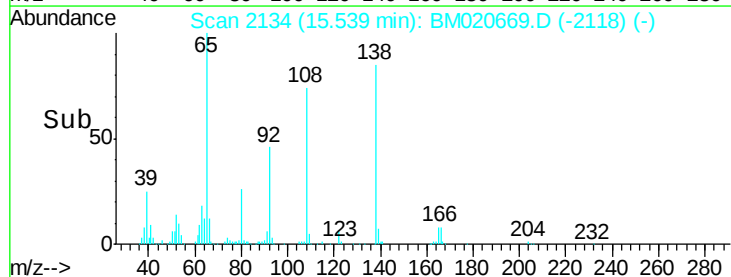
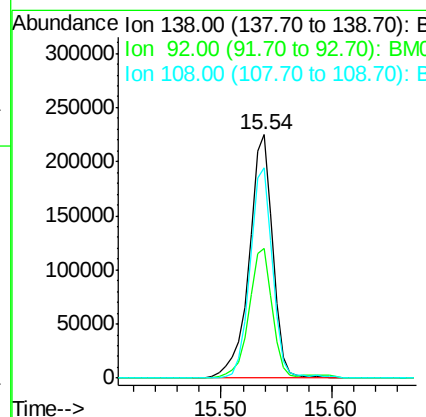
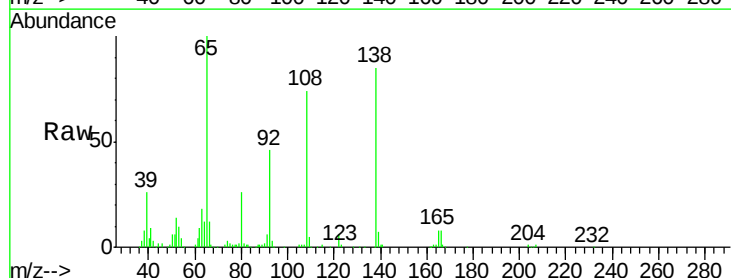
Manual Integrations
APPROVED

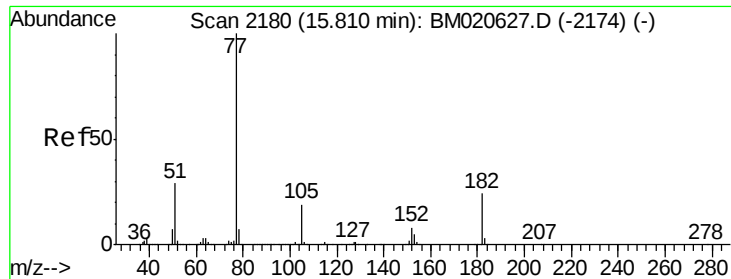
mohammad
6/5/2019 8:46:01 AM



#62
4-Nitroaniline
Concen: 30.576 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	337987		
92	53.3	36.7	76.7	
108	86.3	70.3	110.3	





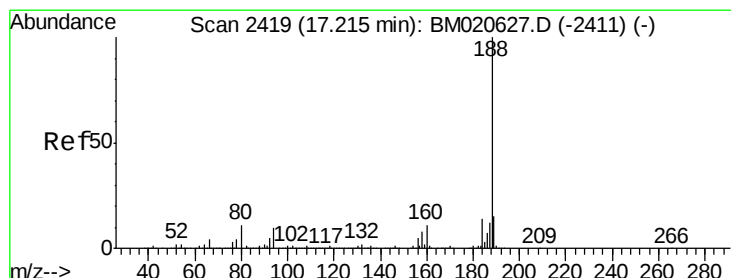
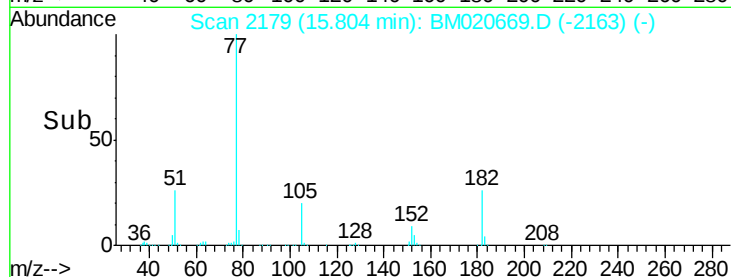
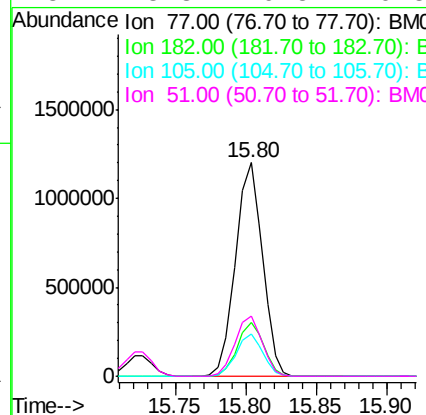
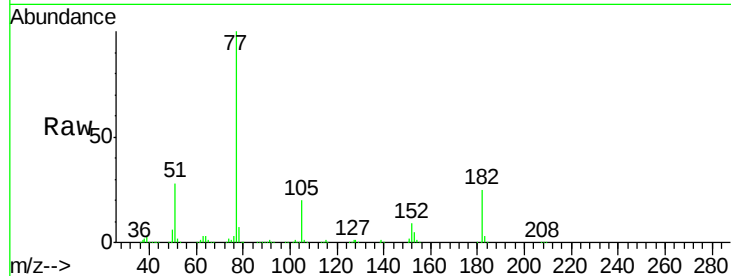
#63
Azobenzene
Concen: 35.195 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.5	3.6	43.6	
105	19.8	0.0	39.4	
51	28.3	9.5	49.5	

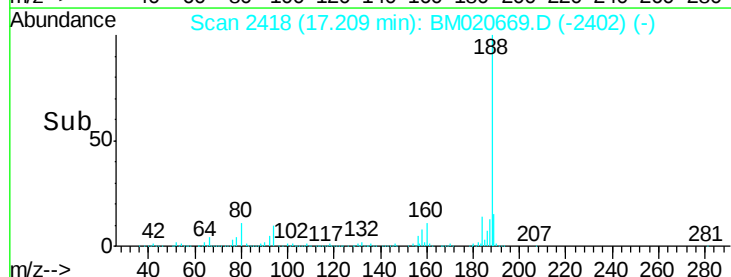
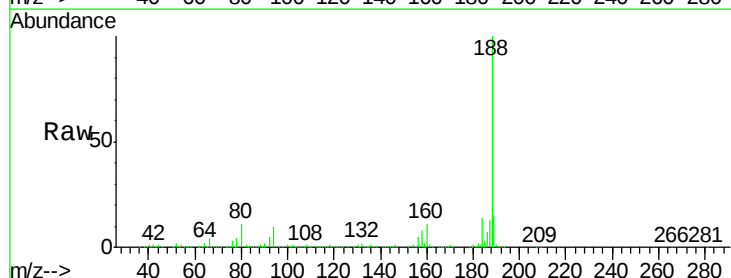
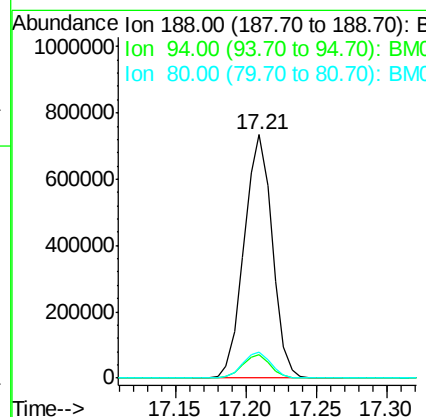
Manual Integrations
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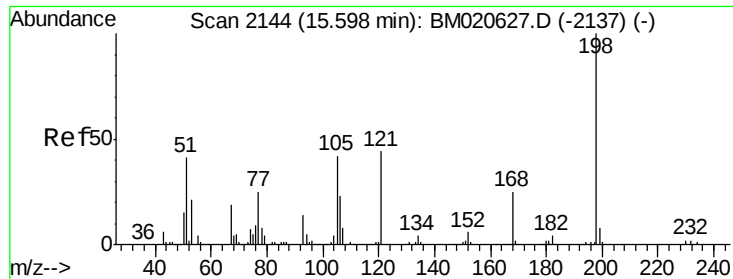
mohammad
6/5/2019 8:46:01 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	7.8	11.8	
80	10.7	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.976 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

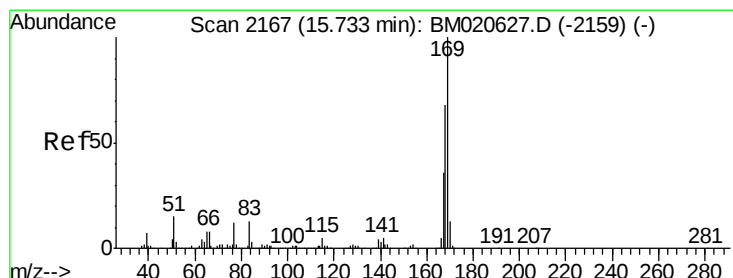
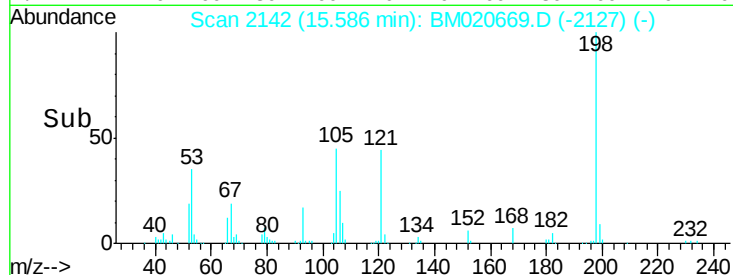
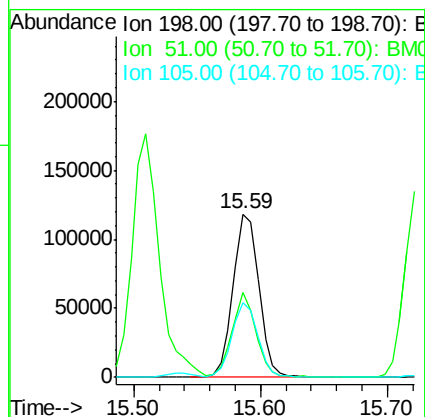
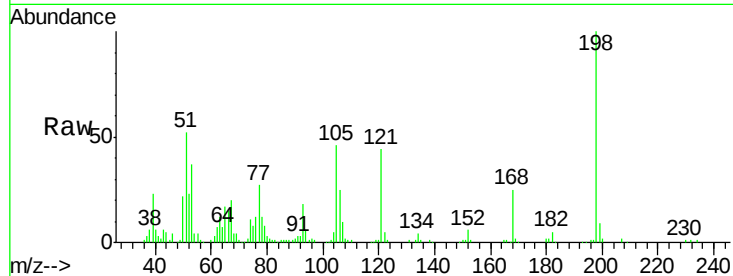
ClientSampleId :

PB120221BS

Tot Ion:	198	Resp:	166232
Ion Ratio	Lower	Upper	
198	100		
51	52.1	27.7	67.7
105	45.7	23.8	63.8

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#66

n-Nitrosodiphenylamine

Concen: 41.088 ng

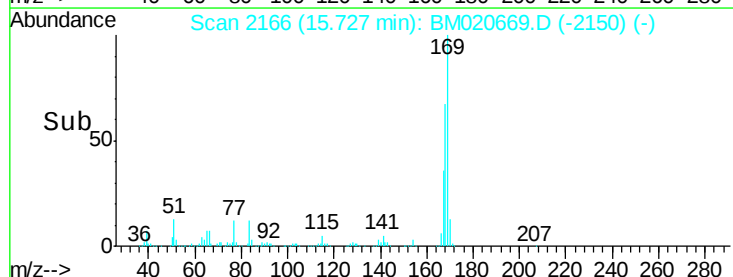
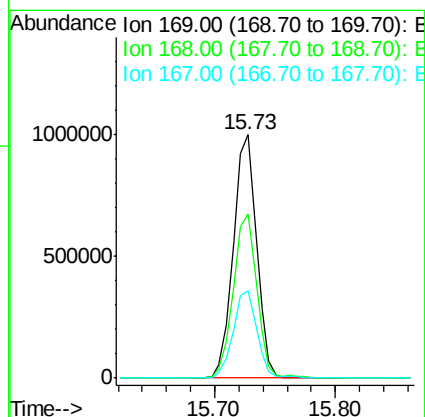
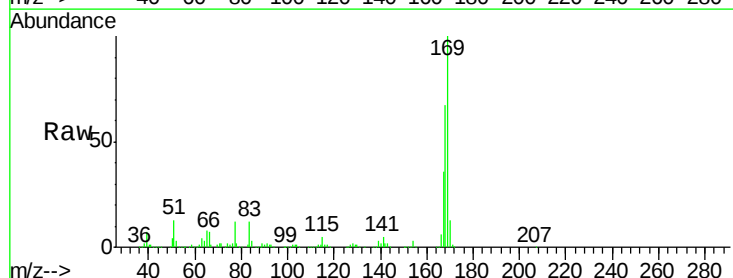
RT: 15.73 min Scan# 2166

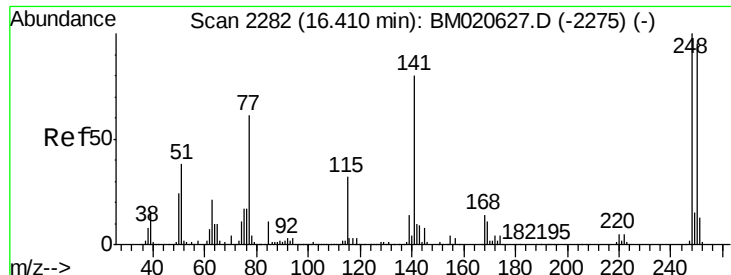
Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	169	Resp:	1345069
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.4
167	35.9	29.1	43.7





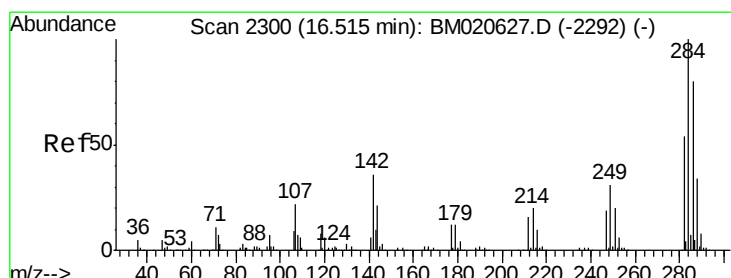
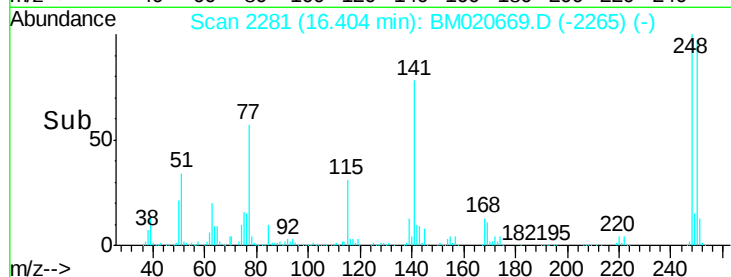
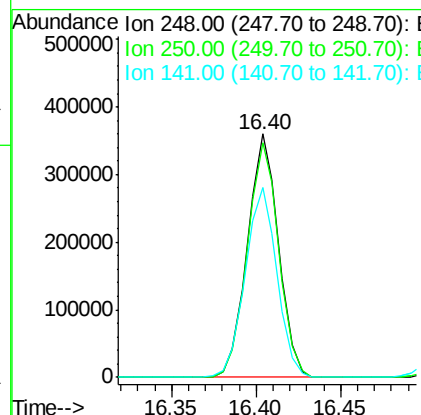
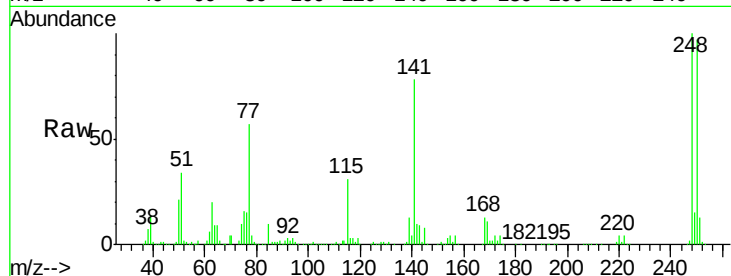
#67
 4-Bromophenyl-phenylether
 Concen: 38.256 ng
 RT: 16.40 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Instrument :
 BNA_M
 ClientSampleID :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.3	114.5
141	78.1	64.2	96.2

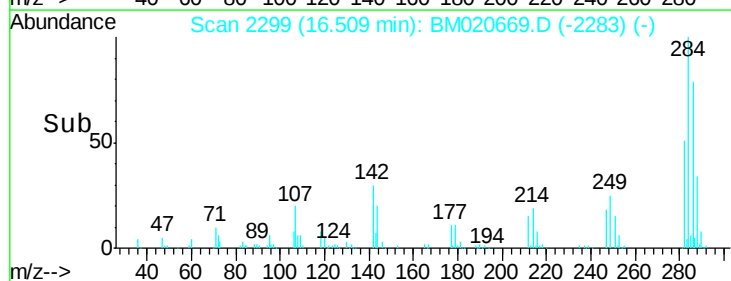
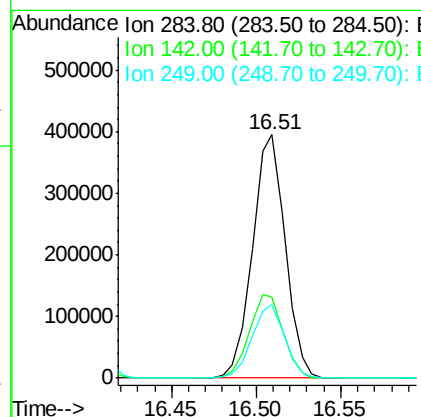
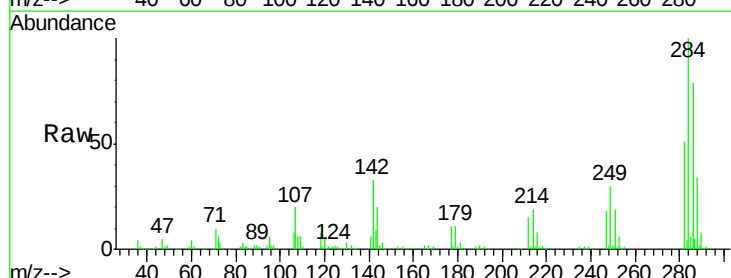
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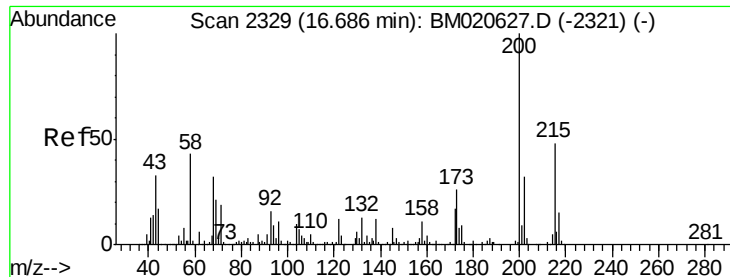
mohammad
 6/5/2019 8:46:01 AM



#68
 Hexachlorobenzene
 Concen: 37.837 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.6	42.8
249	30.1	25.0	37.4





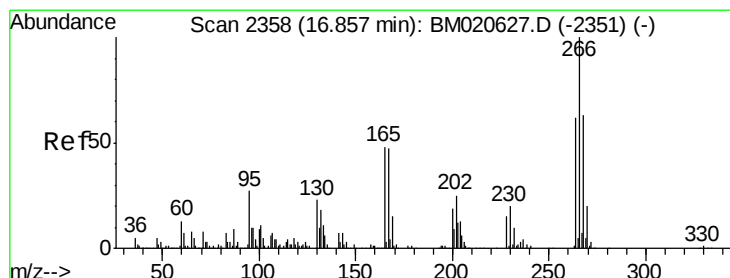
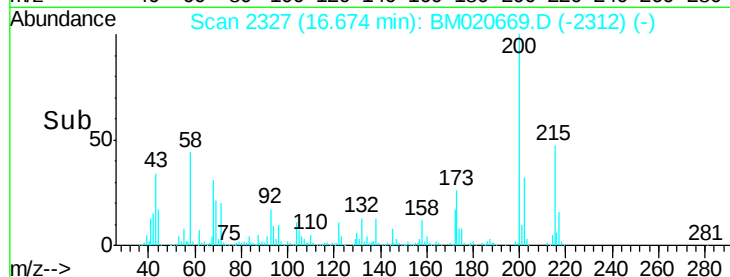
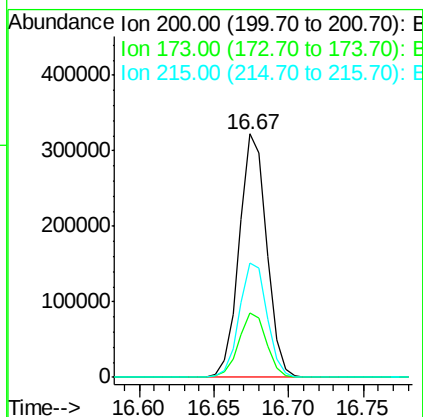
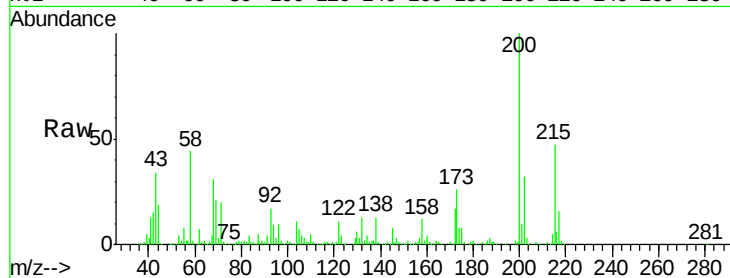
#69
Atrazine
Concen: 42.038 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.5	6.2	46.2	
215	47.0	27.7	67.7	

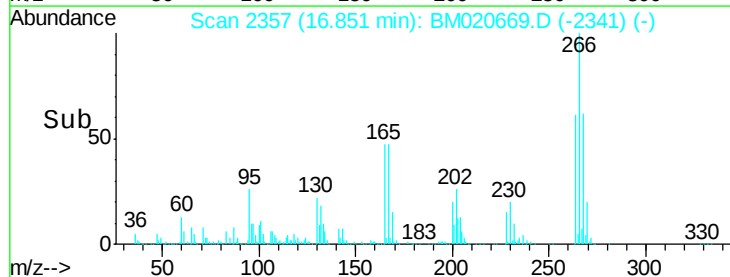
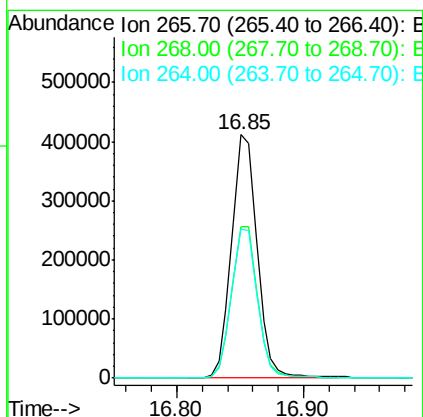
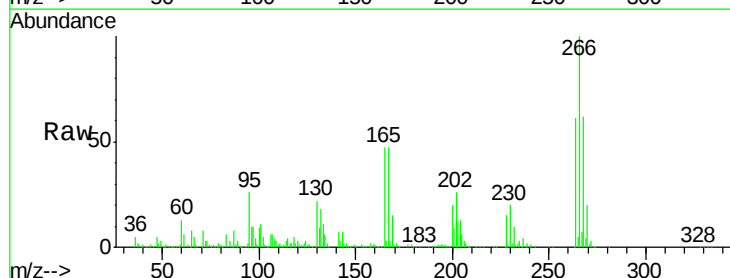
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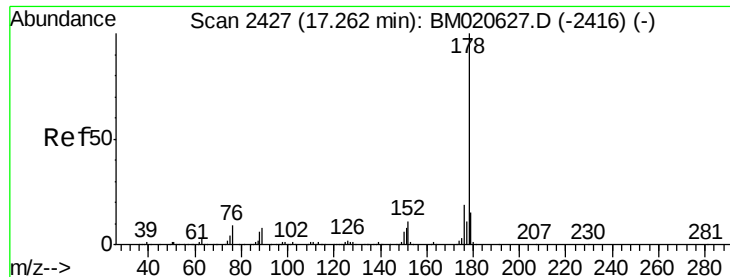
mohammad
6/5/2019 8:46:01 AM



#70
Pentachlorophenol
Concen: 85.925 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.0	50.6	75.8	
264	61.2	49.6	74.4	





#71

Phenanthrene

Concen: 38.614 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tot Ion:178 Resp: 2238272

Ion Ratio Lower Upper

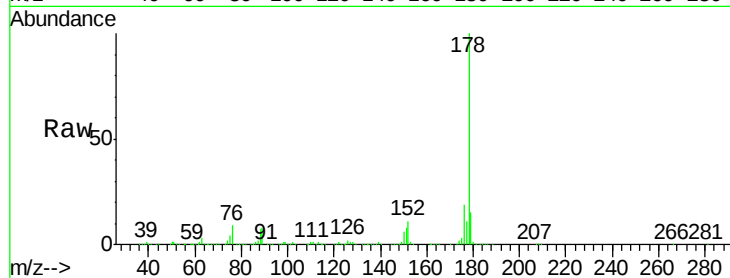
178 100

176 19.3 15.5 23.3

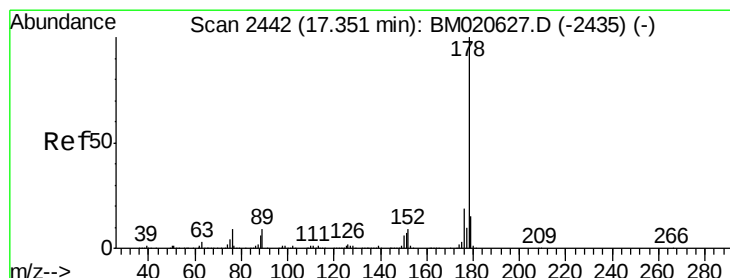
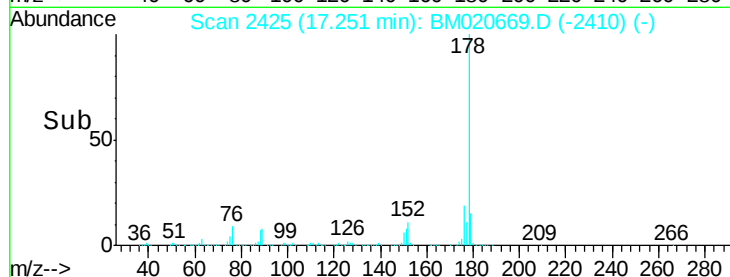
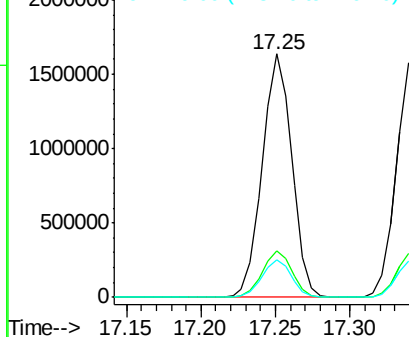
179 15.3 12.2 18.4

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.133 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

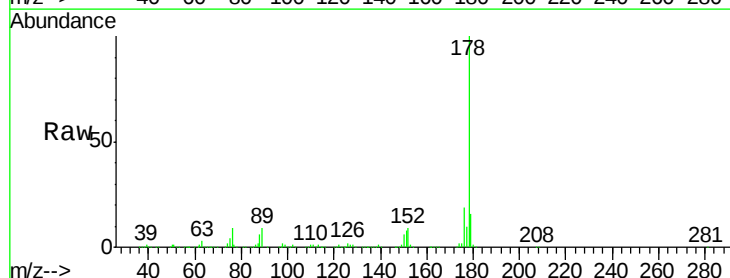
Tgt Ion:178 Resp: 2270377

Ion Ratio Lower Upper

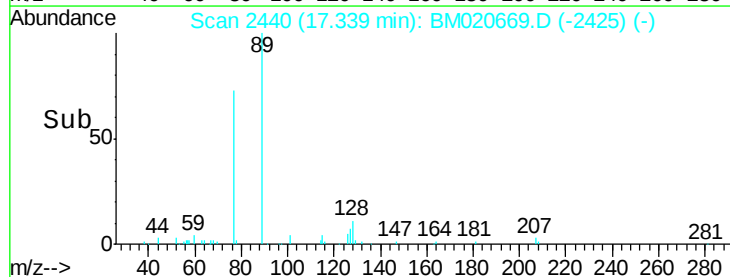
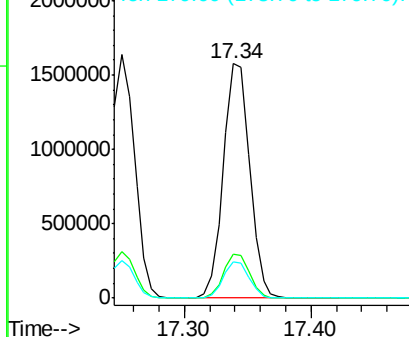
178 100

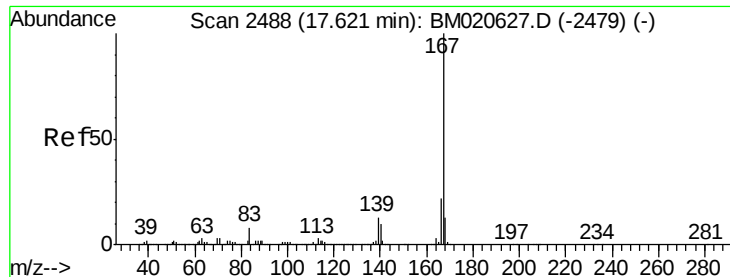
176 18.7 15.1 22.7

179 15.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





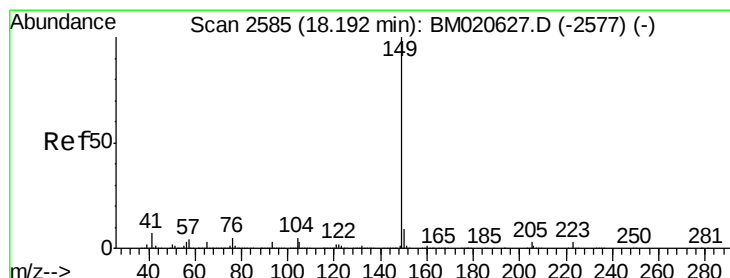
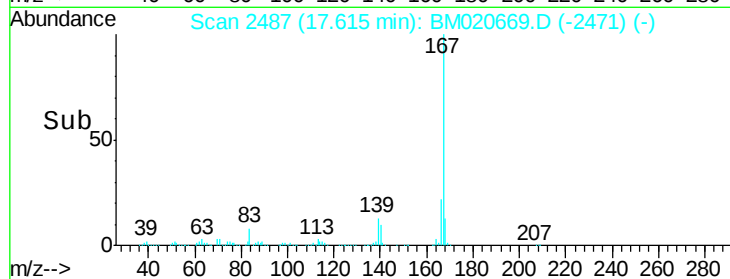
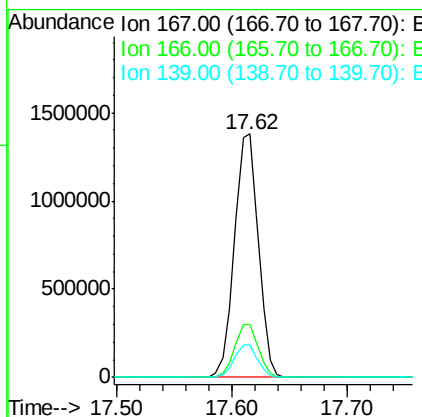
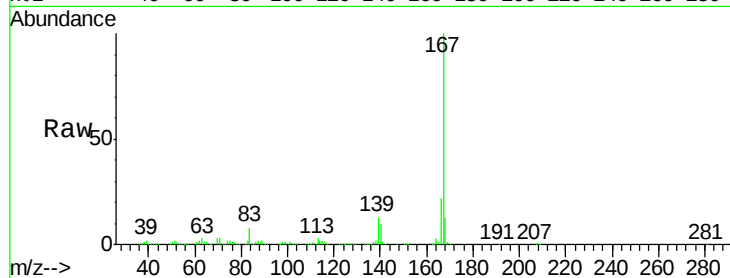
#73
 Carbazole
 Concen: 37.428 ng
 RT: 17.62 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	13.1	10.6	15.8

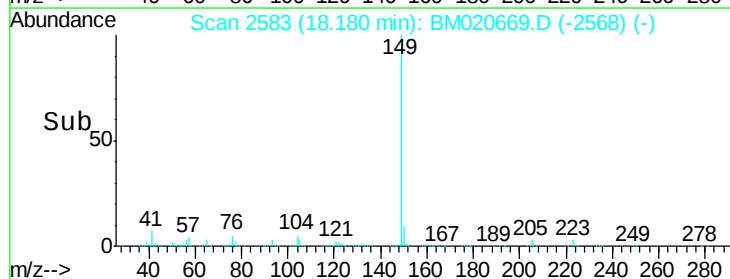
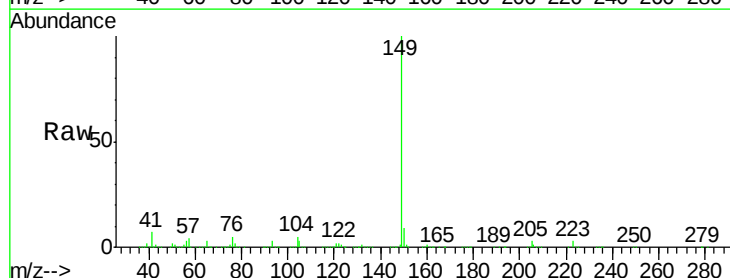
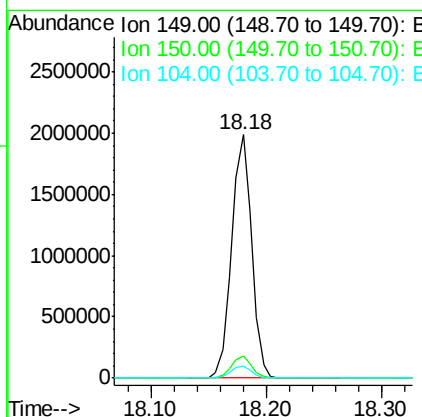
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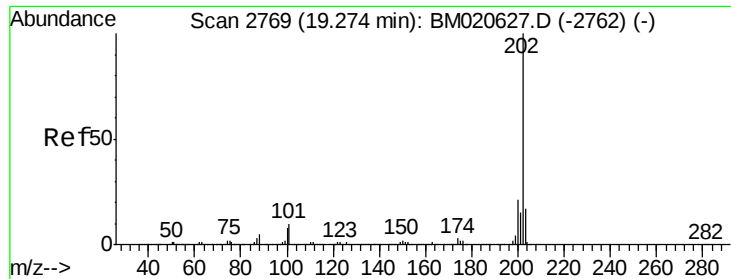
mohammad
 6/5/2019 8:46:01 AM



#74
 Di-n-butylphthalate
 Concen: 34.769 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 35.788 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

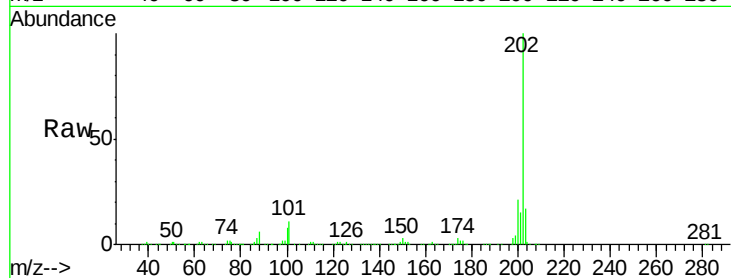
ClientSampleId :

PB120221BS

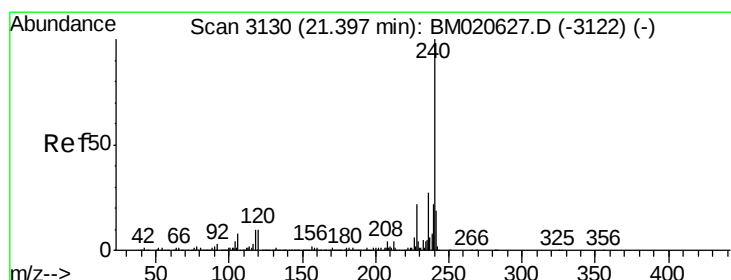
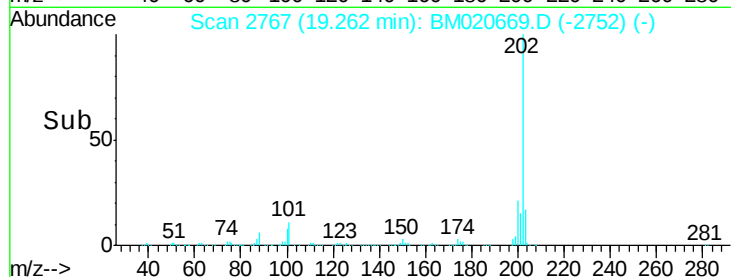
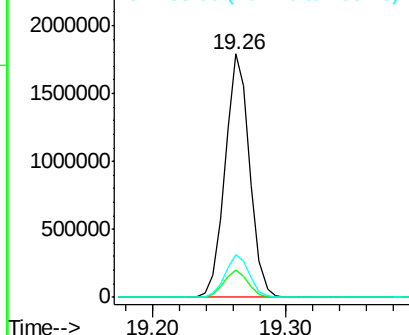
Tot Ion:	202	Resp:	2306951
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.4
203	17.4	0.0	37.3

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



#76

Chrysene-d12

Concen: 20.000 ng

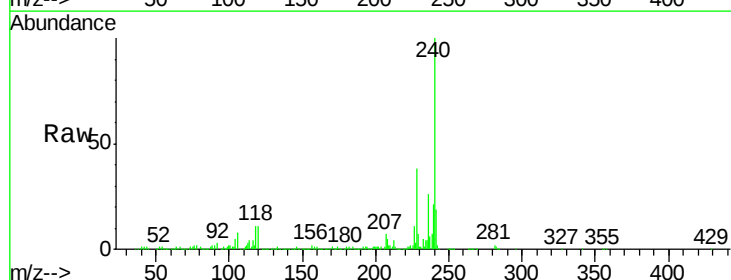
RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

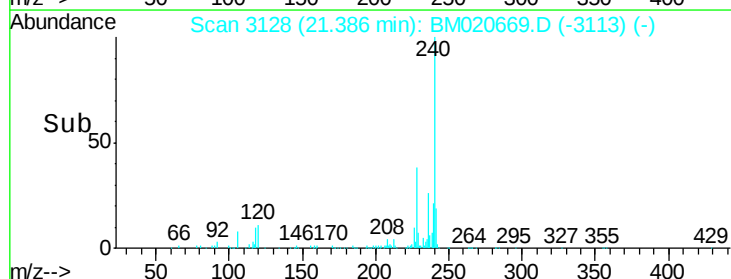
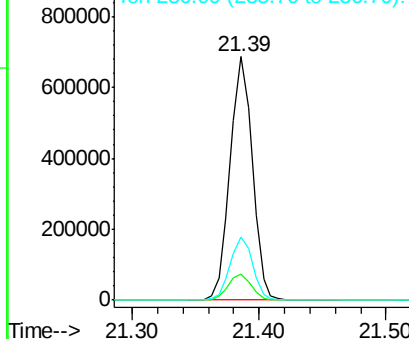
Lab File: BM020669.D

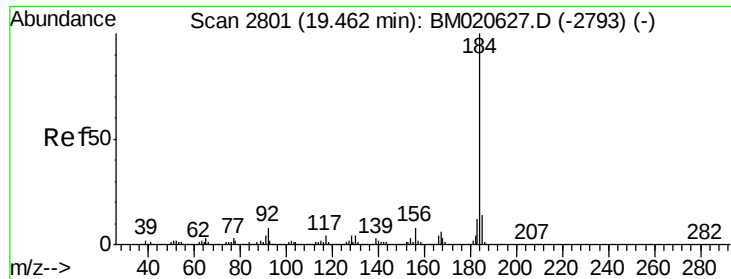
Acq: 03 Jun 2019 14:04

Tgt Ion:	240	Resp:	833675
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.2	12.2
236	26.1	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





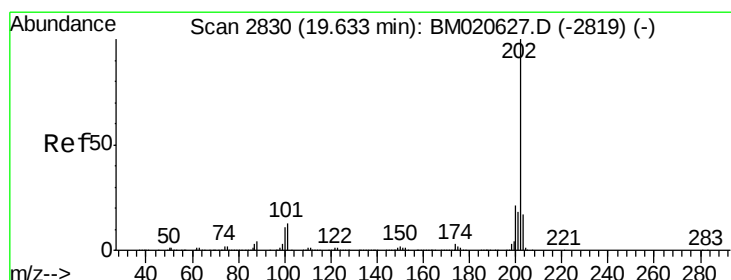
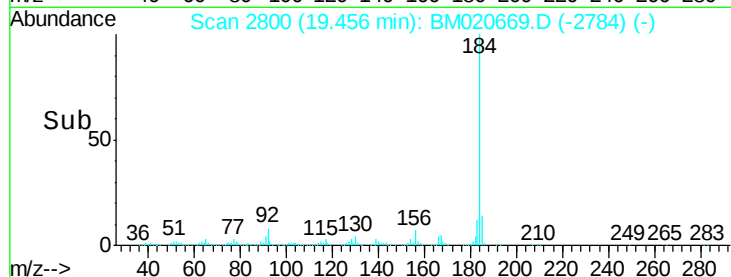
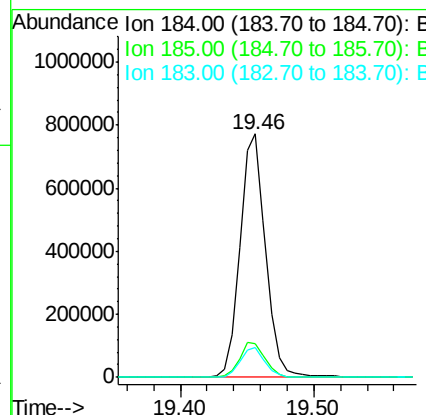
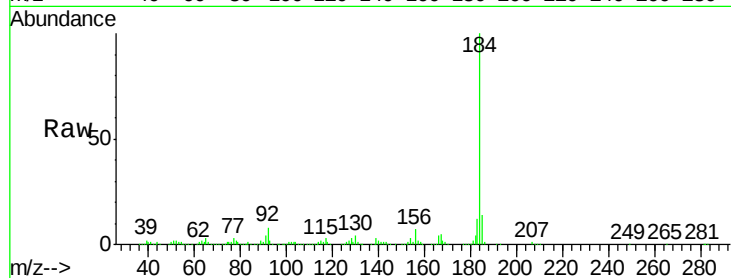
#77
Benzidine
Concen: 40.480 ng
RT: 19.46 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	14.1	11.3	16.9	
183	12.3	9.8	14.6	

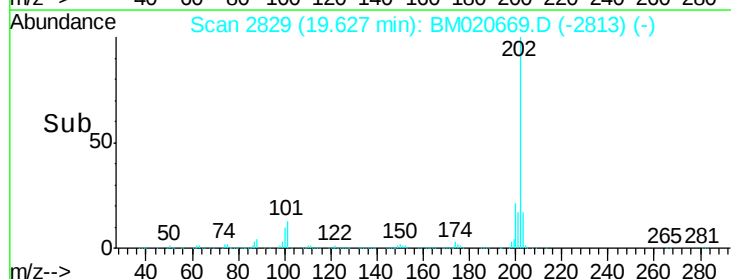
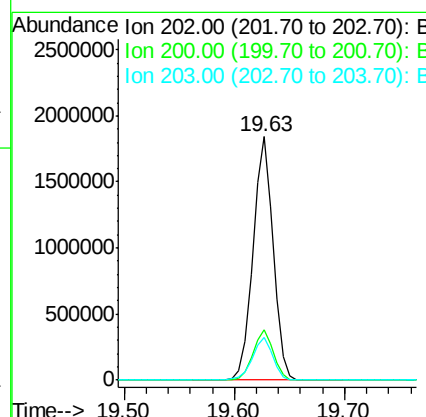
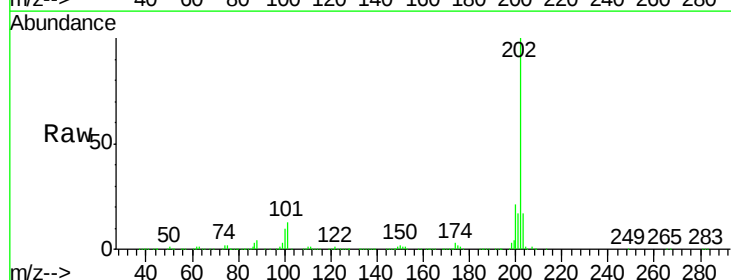
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#78
Pyrene
Concen: 36.770 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	20.9	16.8	25.2	
203	17.4	13.9	20.9	





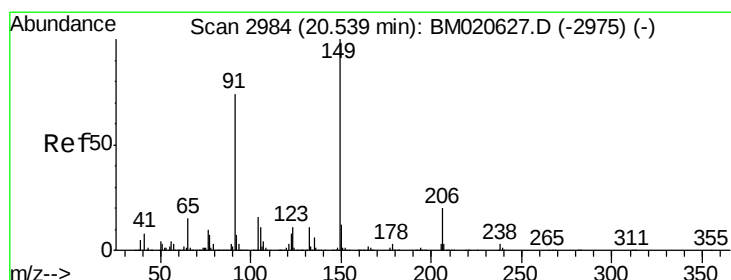
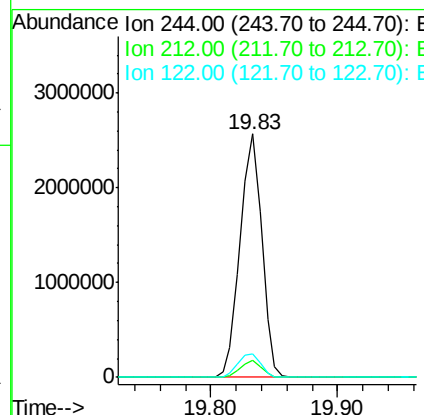
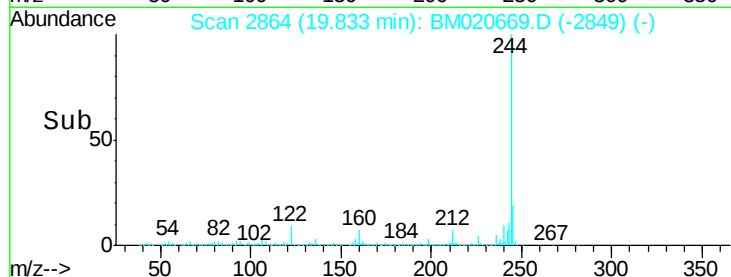
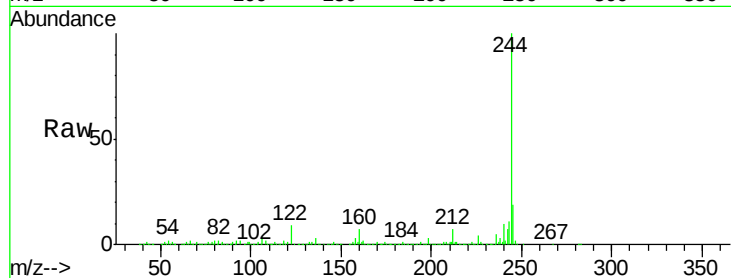
#79
 Terphenyl-d14
 Concen: 60.924 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.4	7.2	10.8

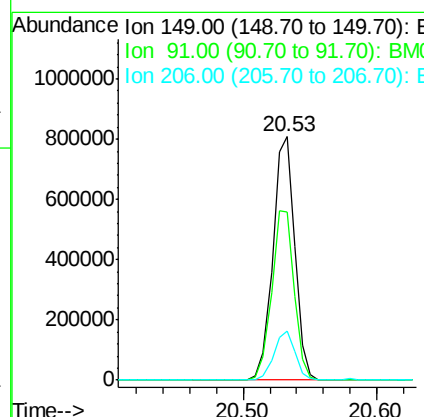
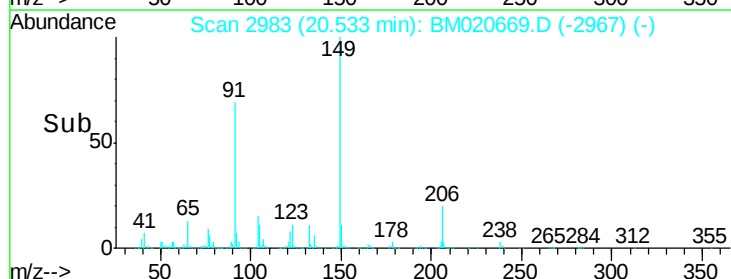
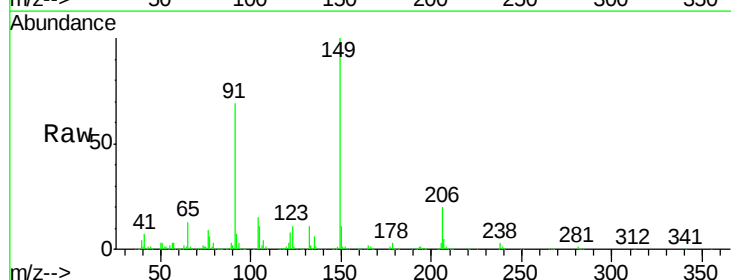
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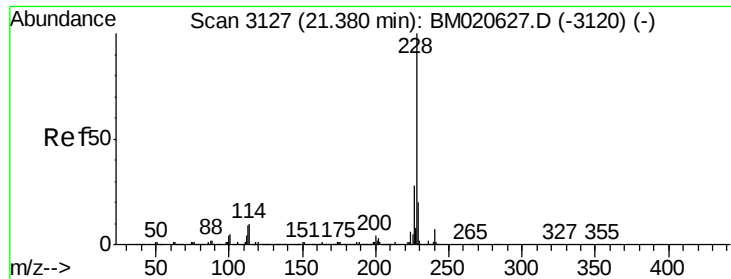
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#80
 Butylbenzylphthalate
 Concen: 34.100 ng
 RT: 20.53 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BM020669.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	59.6	89.4
206	20.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 36.741 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

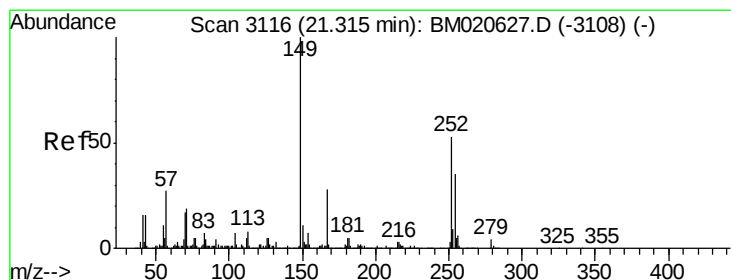
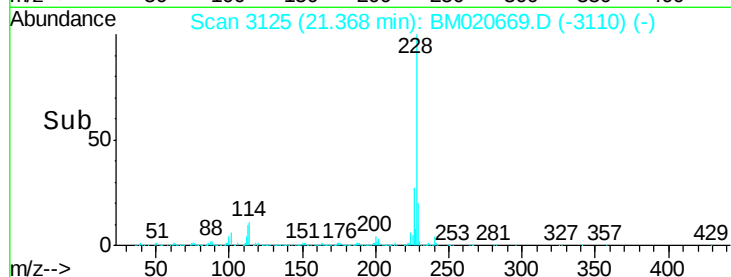
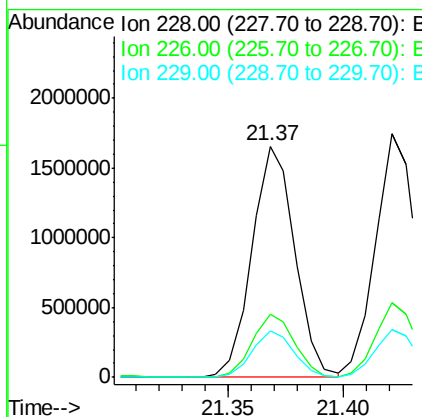
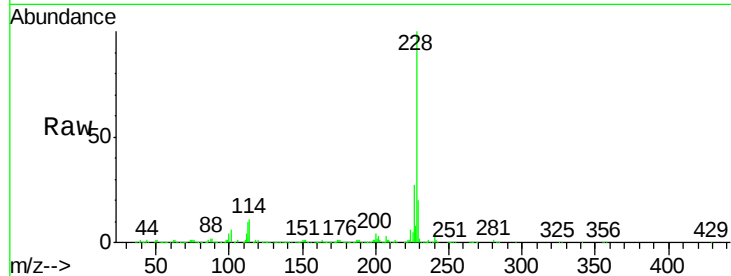
ClientSampleId :

PB120221BS

Tot Ion:	228	Resp:	2133031
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.0	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 30.251 ng

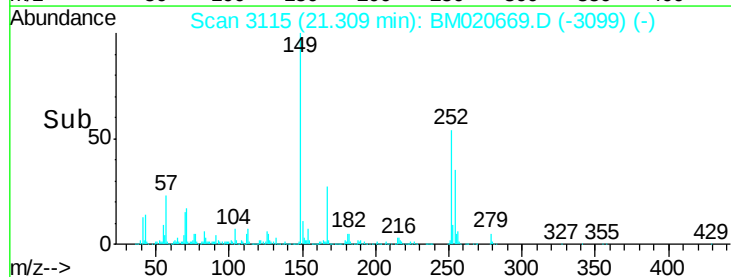
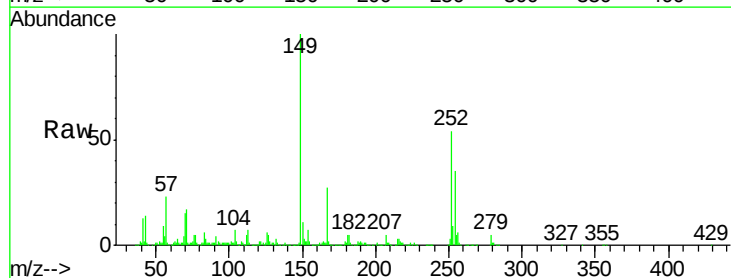
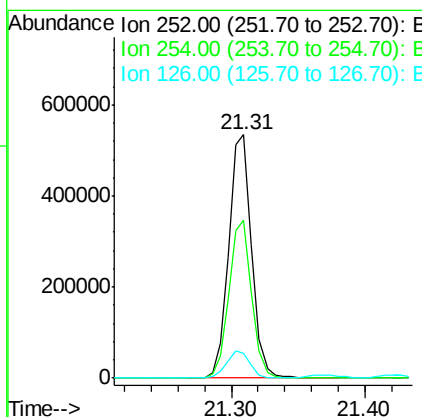
RT: 21.31 min Scan# 3115

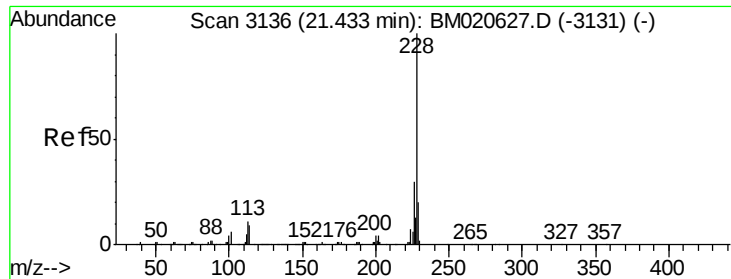
Delta R.T. -0.01 min

Lab File: BM020669.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	252	Resp:	643119
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	78.8
126	10.3	8.0	12.0





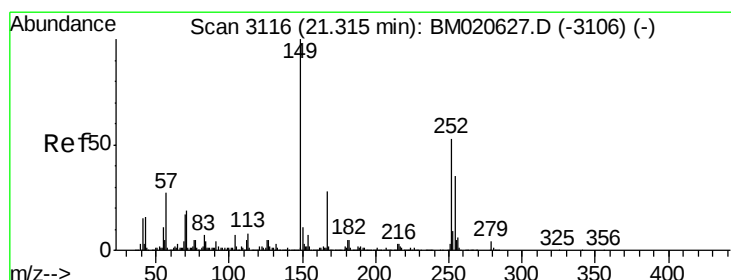
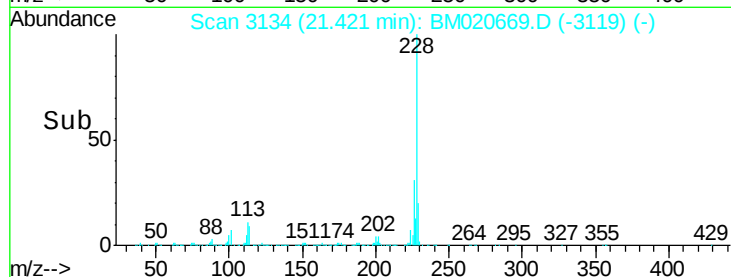
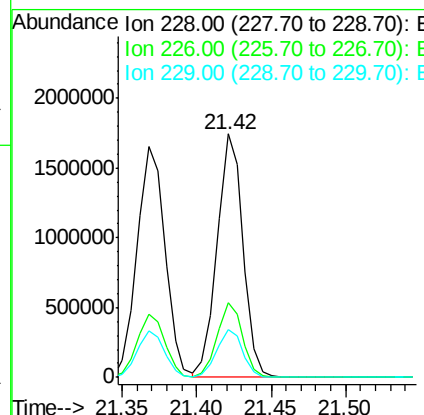
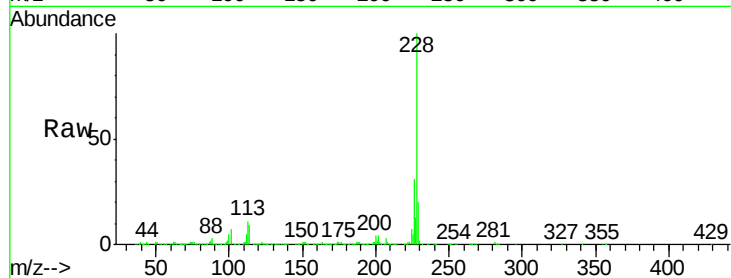
#83
Chrysene
Concen: 38.265 ng
RT: 21.42 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion:228 Resp: 2111715
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.8 15.8 23.6

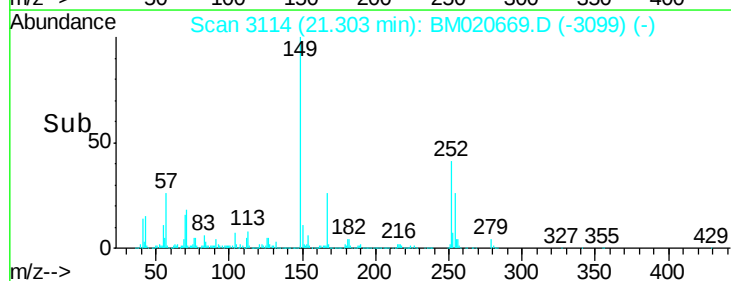
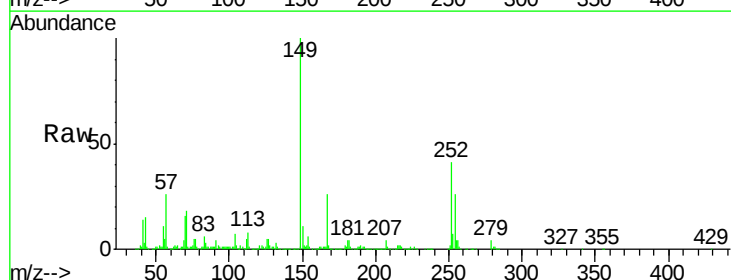
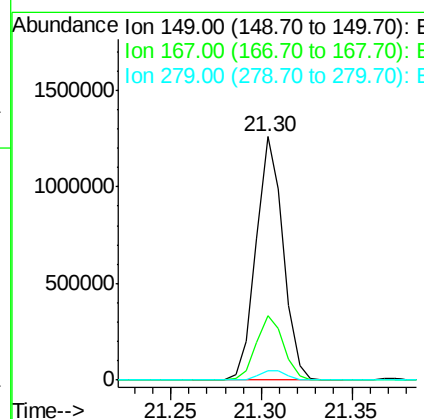
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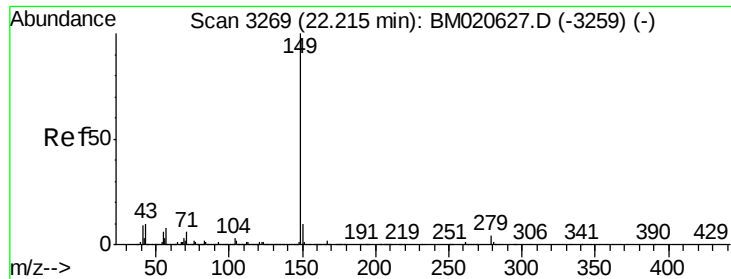
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#84
Bis(2-ethylhexyl)phthalate
Concen: 33.151 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion:149 Resp: 1302606
Ion Ratio Lower Upper
149 100
167 26.4 22.1 33.1
279 4.1 3.4 5.0





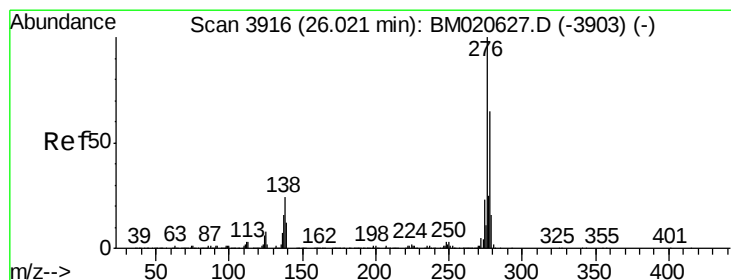
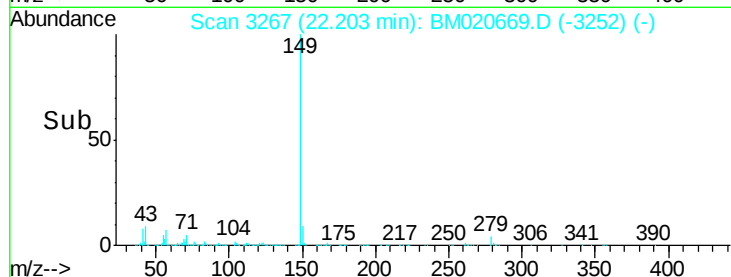
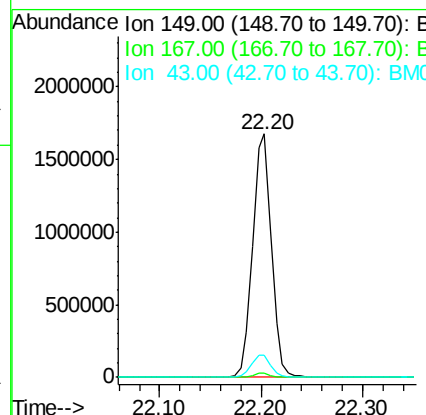
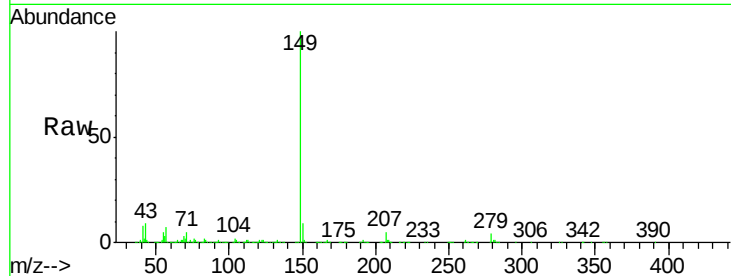
#85
Di-n-octyl phthalate
Concen: 34.320 ng
RT: 22.20 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	8.2	12.4

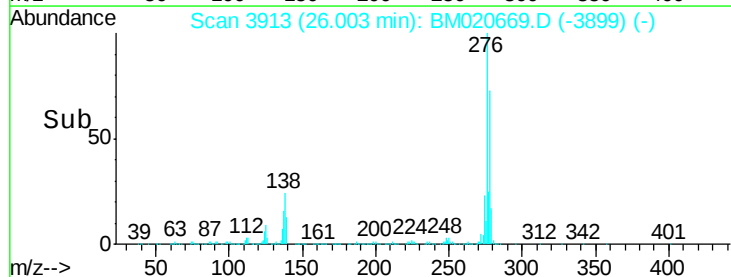
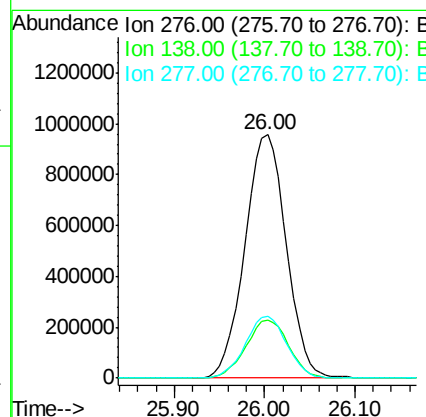
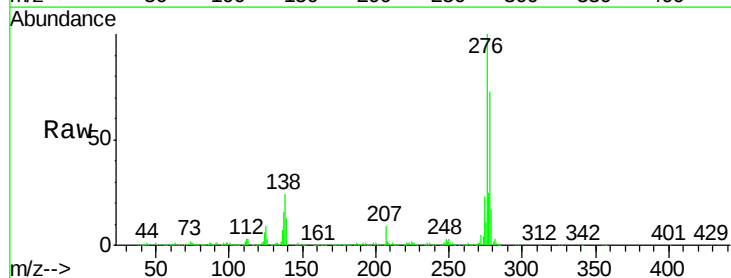
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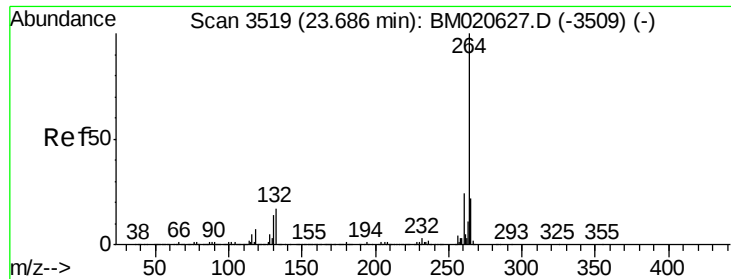
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.608 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.6	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: BM020669.D

Acq: 03 Jun 2019 14:04

Instrument :

BNA_M

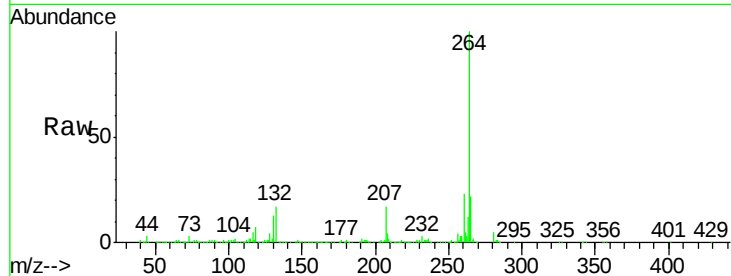
ClientSampleId :

PB120221BS

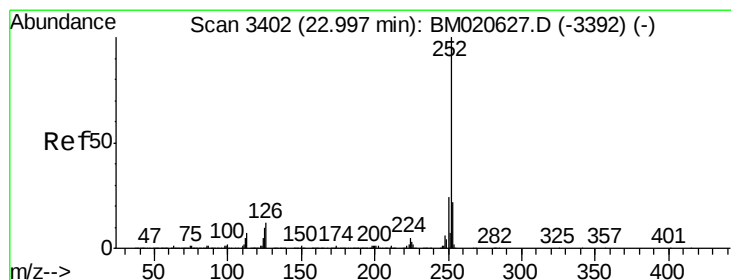
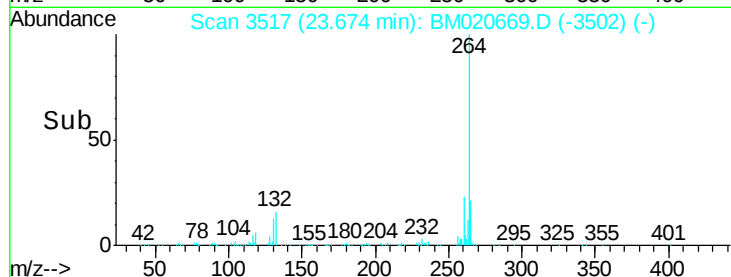
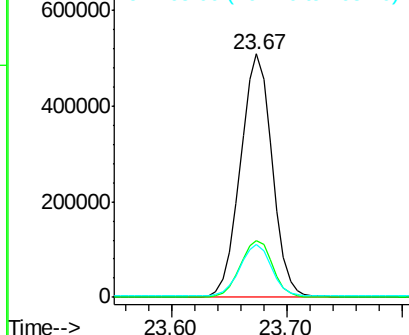
Tot Ion:	264	Resp:	973501
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.6	17.6	26.4

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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: 37.084 ng

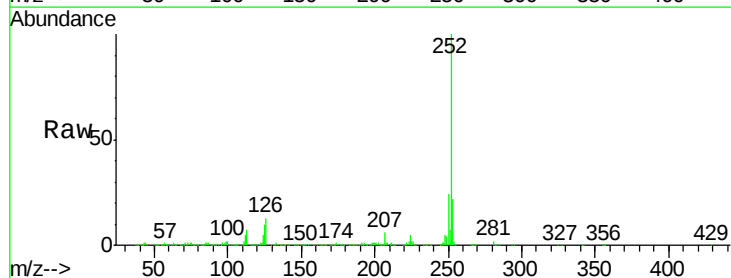
RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

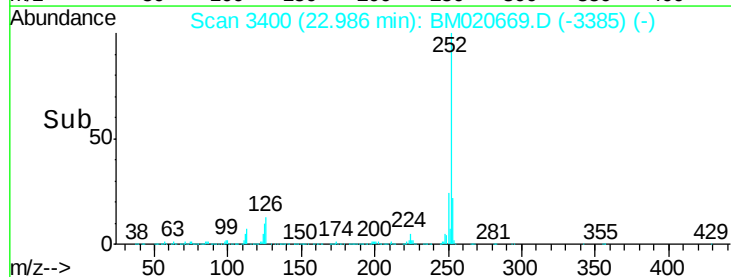
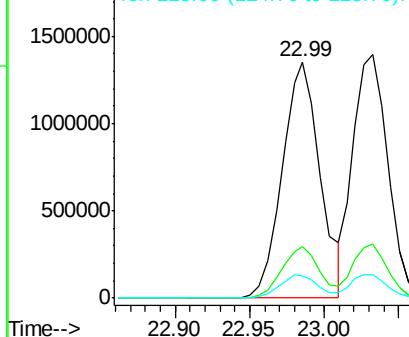
Lab File: BM020669.D

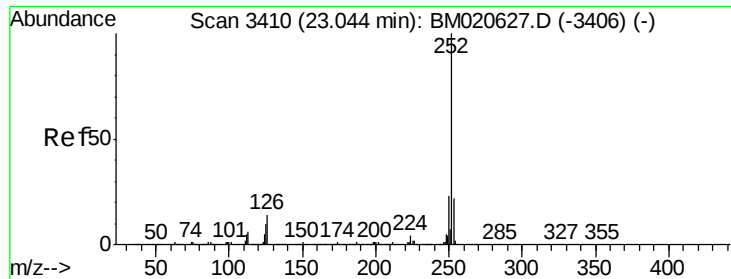
Acq: 03 Jun 2019 14:04

Tgt Ion:	252	Resp:	2386129
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





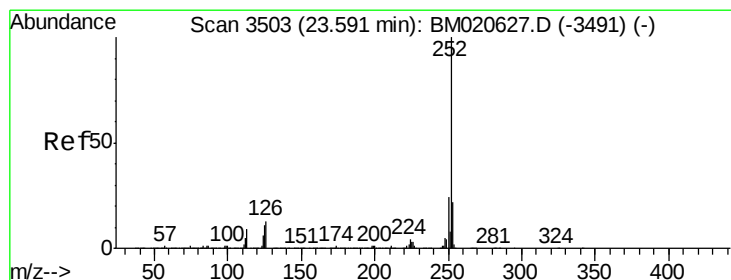
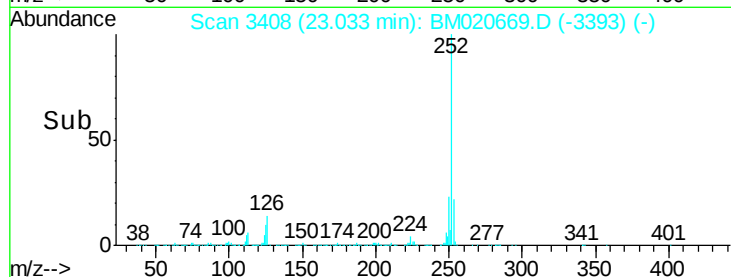
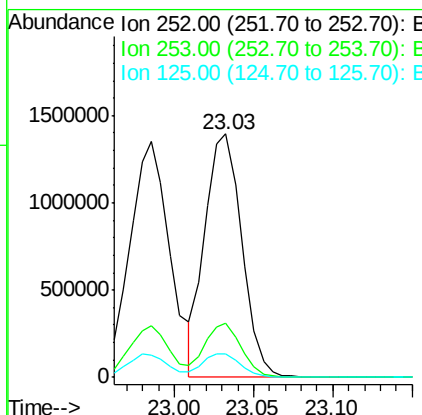
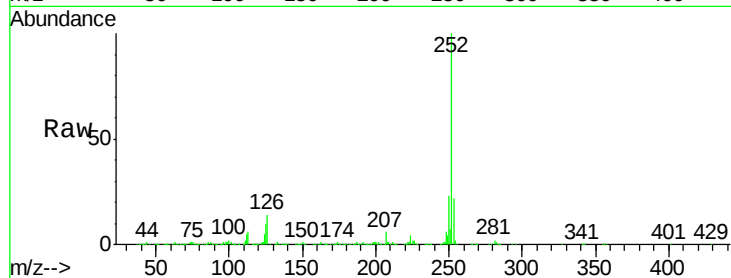
#89
Benzo(k)fluoranthene
Concen: 35.806 ng
RT: 23.03 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion:252 Resp: 2251448
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.6 7.8 11.8

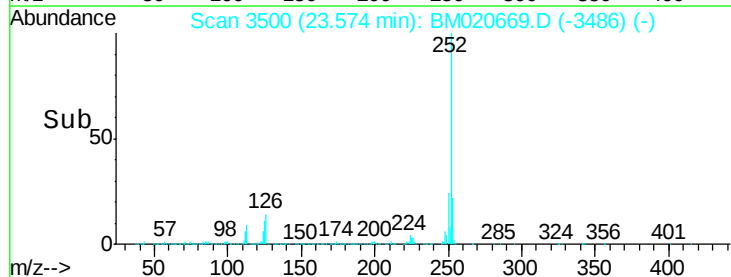
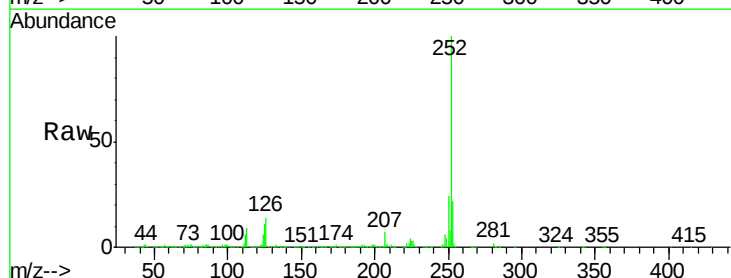
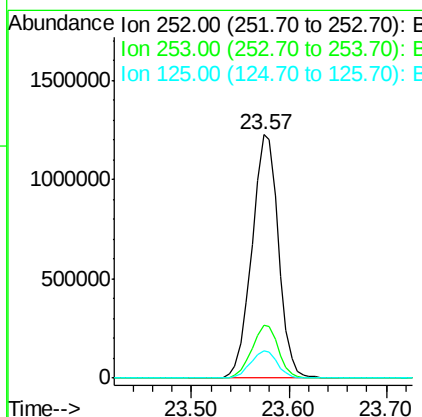
Manual Integrations
APPROVED

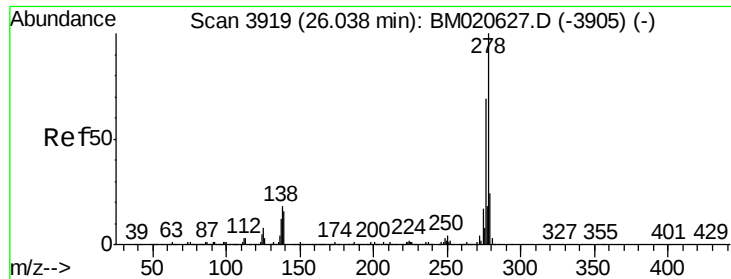
mohammad
6/5/2019 8:46:01 AM



#90
Benzo(a)pyrene
Concen: 39.858 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion:252 Resp: 2326188
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.1 8.6 13.0





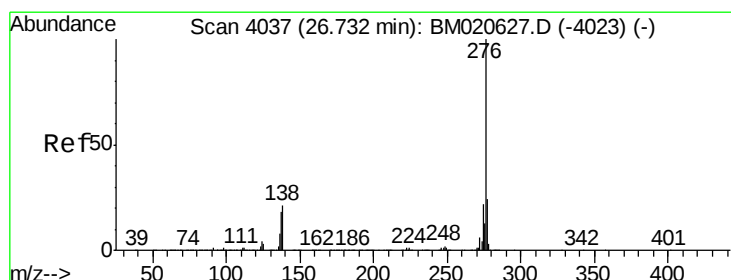
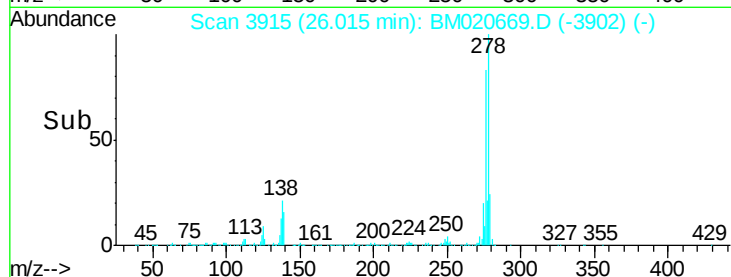
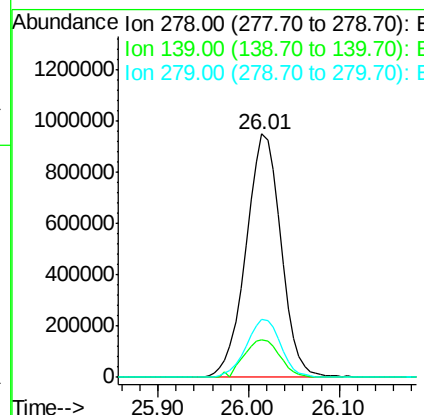
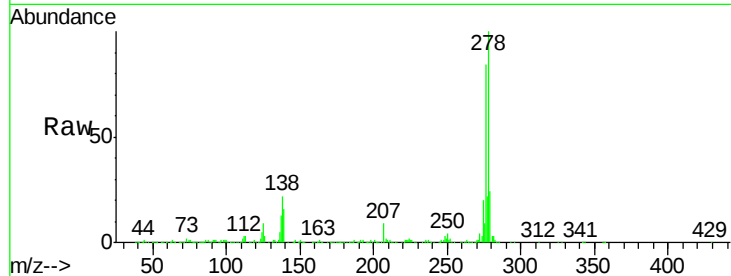
#91
Dibenzo(a,h)anthracene
Concen: 44.939 ng
RT: 26.01 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	18.8
279	24.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 8:46:01 AM



#92
Benzo(g,h,i)perylene
Concen: 47.786 ng
RT: 26.71 min Scan# 4034
Delta R.T. -0.02 min
Lab File: BM020669.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	21.5	17.0	25.4

