

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020682.D
 Acq On : 03 Jun 2019 21:54
 Operator : HP/JU
 Sample : PB120177BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Manual Integrations
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mohammad
 6/5/2019 8:46:13 AM

Quant Time: Jun 04 06:52:53 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	294630	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1233685	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	619690	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1133426	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1039043	20.00	ng	-0.01
87) Perylene-d12	23.67	264	580135	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1536415	91.73	ng	0.00
7) Phenol-d6	6.99	99	2022806	82.02	ng	0.00
23) Nitrobenzene-d5	8.99	82	1731368	72.71	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	550548	71.71	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	3550456	76.17	ng	0.00
79) Terphenyl-d14	19.83	244	3824872	61.57	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	281228	41.010	ng	98
3) Pyridine	3.75	79	630576	28.902	ng	97
4) n-Nitrosodimethylamine	3.66	42	353483	37.583	ng	99
6) Aniline	7.16	93	542442	15.201	ng	100
8) 2-Chlorophenol	7.39	128	926095	44.445	ng	99
9) Benzaldehyde	6.98	77	11240	Below Cal		81
10) Phenol	7.02	94	1141572	42.952	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	848633	40.065	ng	99
12) 1,3-Dichlorobenzene	7.72	146	886998	37.039	ng	99
13) 1,4-Dichlorobenzene	7.86	146	908811	37.330	ng	99
14) 1,2-Dichlorobenzene	8.17	146	888303	37.494	ng	99
15) Benzyl Alcohol	8.07	79	825617	37.841	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1168841	35.743	ng	99
17) 2-Methylphenol	8.26	107	743531	39.784	ng	99
18) Hexachloroethane	8.90	117	332675	35.691	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	682385	34.421	ng	97
20) 3+4-Methylphenols	8.59	107	979810	38.533	ng	99
22) Acetophenone	8.65	105	1267535	40.445	ng	# 98
24) Nitrobenzene	9.03	77	1009225	41.518	ng	98
25) Isophorone	9.55	82	1755266	37.059	ng	100
26) 2-Nitrophenol	9.73	139	408023	45.039	ng	100
27) 2,4-Dimethylphenol	9.79	122	774892	45.647	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	1091111	38.100	ng	99
29) 2,4-Dichlorophenol	10.26	162	791208	42.127	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	867375	40.164	ng	99
31) Naphthalene	10.67	128	2608858	41.123	ng	100
32) Benzoic acid	9.93	122	399918	38.559	ng	99
33) 4-Chloroaniline	10.78	127	405308	13.728	ng	99
34) Hexachlorobutadiene	10.95	225	493879	38.114	ng	99
35) Caprolactam	11.57	113	210287m	32.229	ng	
36) 4-Chloro-3-methylphenol	11.90	107	805544	36.890	ng	100
37) 2-Methylnaphthalene	12.28	142	1843826	39.211	ng	99
38) 1-Methylnaphthalene	12.50	142	1752607	39.143	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	907087	44.667	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	434935	35.810	nq	99
43) 2,4,6-Trichlorophenol	12.89	196	555955	42.531	nq	98
44) 2,4,5-Trichlorophenol	12.96	196	591586	43.837	nq	97
46) 1,1'-Biphenyl	13.30	154	2274673	43.951	nq	99
47) 2-Chloronaphthalene	13.34	162	1749752	41.889	nq	99
48) 2-Nitroaniline	13.55	65	483117	36.850	nq	94
49) Acenaphthylene	14.19	152	2653688	40.716	nq	100
50) Dimethylphthalate	13.93	163	1991320	37.612	nq	99
51) 2,6-Dinitrotoluene	14.05	165	423273	39.374	nq	94
52) Acenaphthene	14.53	154	1579551	40.668	nq	98
53) 3-Nitroaniline	14.37	138	299440	24.955	nq	97
54) 2,4-Dinitrophenol	14.58	184	337860	73.685	nq	94
55) Dibenzofuran	14.86	168	2420272	40.121	nq	100
56) 4-Nitrophenol	14.67	139	673229	76.139	nq	96
57) 2,4-Dinitrotoluene	14.83	165	545768	37.917	nq	98
58) Fluorene	15.51	166	1902544	38.352	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	472506	40.181	nq	99
60) Diethylphthalate	15.29	149	1916826	35.105	nq	99
61) 4-Chlorophenyl-phenylether	15.51	204	972812	37.037	nq	98
62) 4-Nitroaniline	15.54	138	385122	30.263	nq	94
63) Azobenzene	15.80	77	1891418	36.131	nq	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	199420	40.379	nq	97
66) n-Nitrosodiphenylamine	15.72	169	1578587	43.507	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	558609	41.859	nq	95
68) Hexachlorobenzene	16.50	284	635722	40.796	nq	98
69) Atrazine	16.67	200	197866	18.272	nq	99
70) Pentachlorophenol	16.85	266	678996	91.336	nq	98
71) Phenanthrene	17.25	178	2634583	41.008	nq	99
72) Anthracene	17.34	178	2578591	40.101	nq	99
73) Carbazole	17.61	167	2295058	39.331	nq	100
74) Di-n-butylphthalate	18.17	149	2758631	36.418	nq	99
75) Fluoranthene	19.26	202	2723301	38.116	nq	99
77) Benzidine	19.45	184	167706	5.327	nq	97
78) Pyrene	19.63	202	2772634	34.773	nq	99
80) Butylbenzylphthalate	20.53	149	1087865	32.285	nq	97
81) Benzo(a)anthracene	21.37	228	2517074	34.787	nq	99
82) 3,3'-Dichlorobenzidine	21.30	252	757085	28.573	nq	98
83) Chrysene	21.42	228	2530190	36.786	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1506861	30.769	nq	99
85) Di-n-octyl phthalate	22.20	149	2473086	31.808	nq	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	3660196	52.017	nq	99
88) Benzo(b)fluoranthene	22.99	252	2778226	72.456	nq	99
89) Benzo(k)fluoranthene	23.03	252	2813513	75.085	nq	100
90) Benzo(a)pyrene	23.57	252	2727252	78.416	nq	99
91) Dibenzo(a,h)anthracene	26.01	278	3158232	93.599	nq	100
92) Benzo(g,h,i)perylene	26.71	276	3115192	99.396	nq	99

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

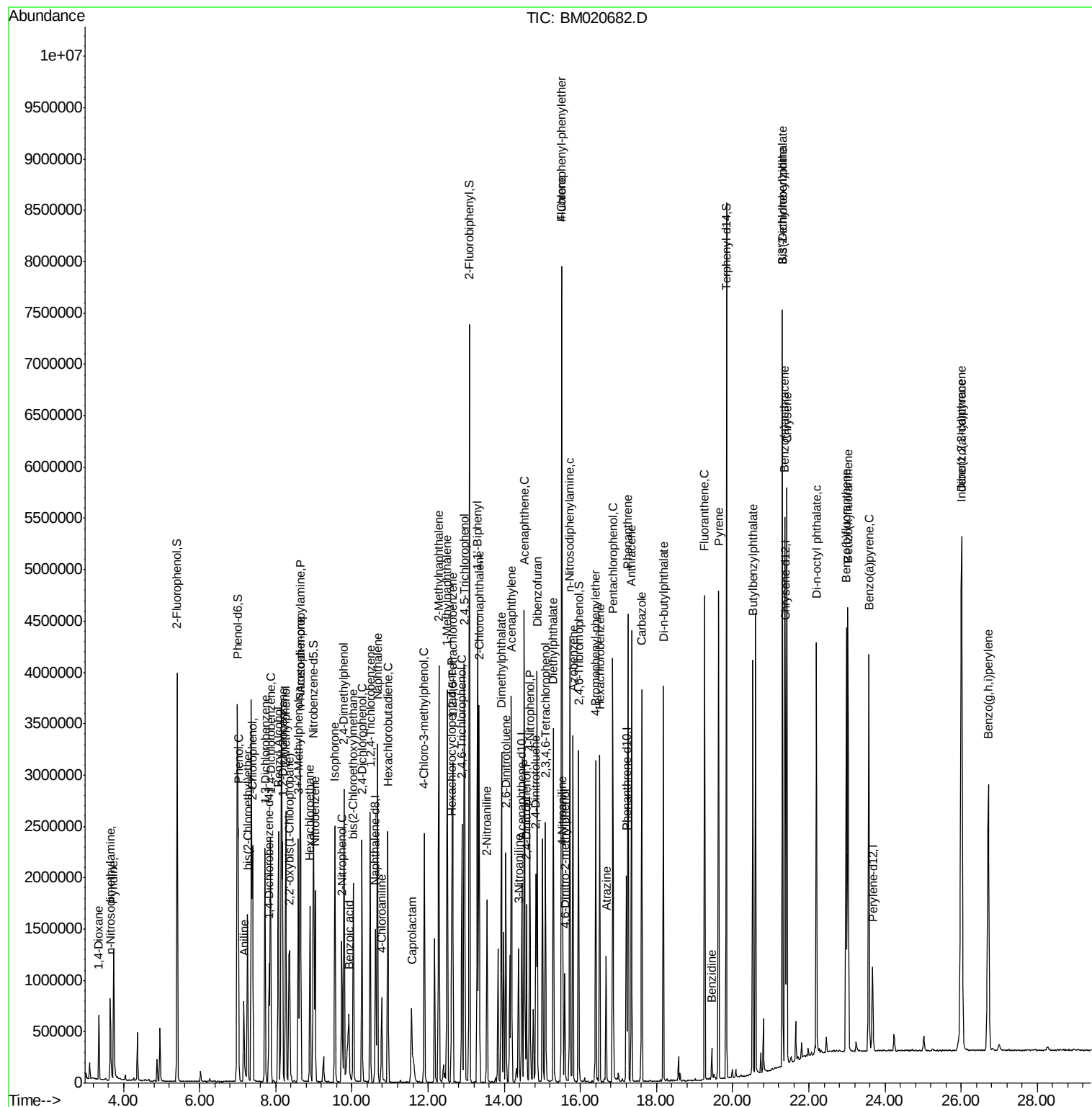
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
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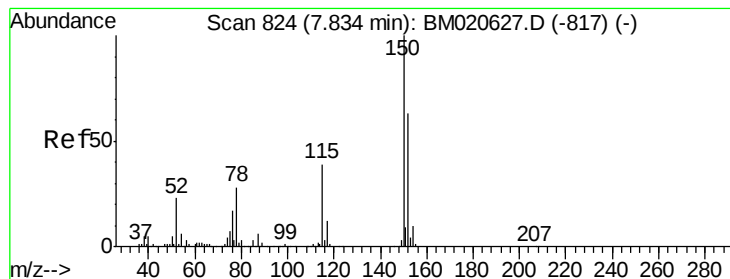
Instrument :
 BNA_M
 Client Sample ID :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

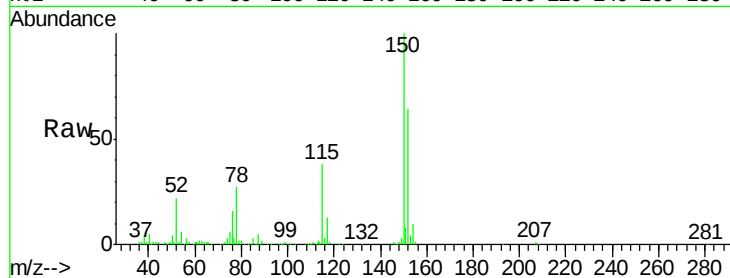
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PB120177BS

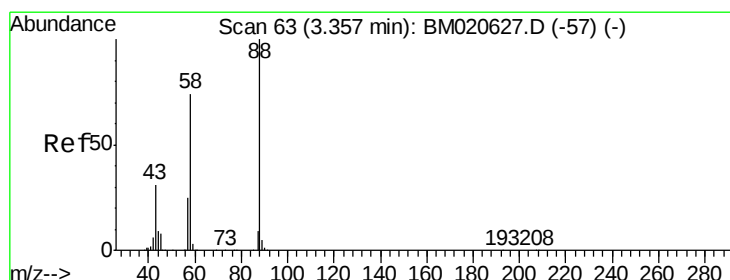
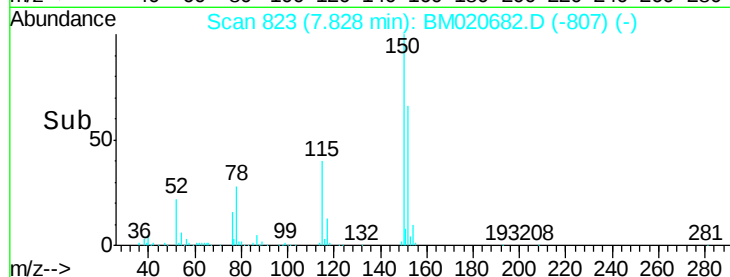
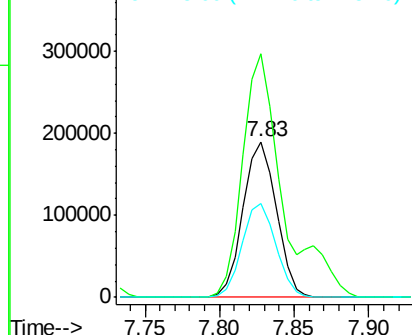
Tot Ion:	152	Resp:	294630
Ion Ratio	Lower	Upper	
152	100		
150	156.3	126.0	189.0
115	60.0	49.6	74.4

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



#2

1,4-Dioxane

Concen: 41.010 ng

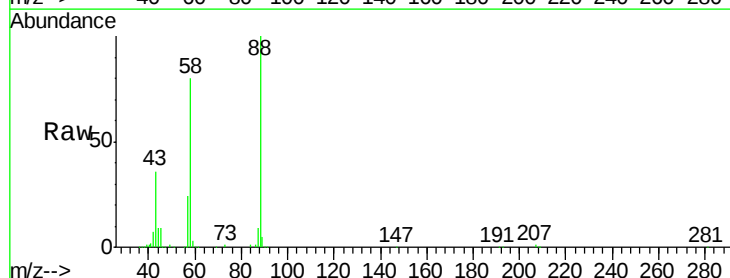
RT: 3.35 min Scan# 62

Delta R.T. -0.01 min

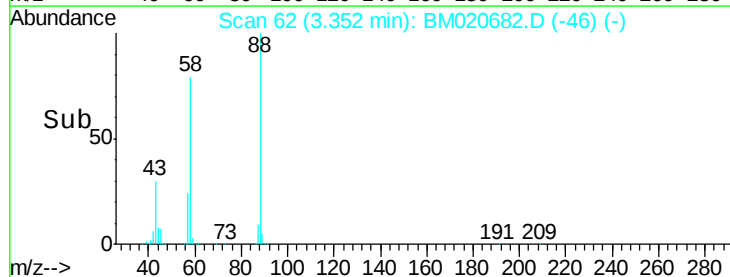
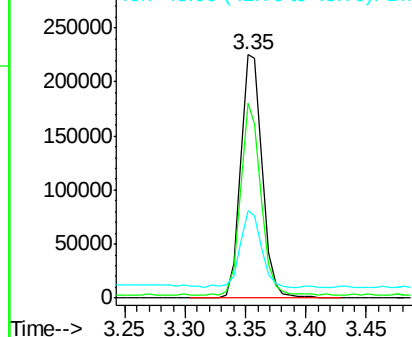
Lab File: BM020682.D

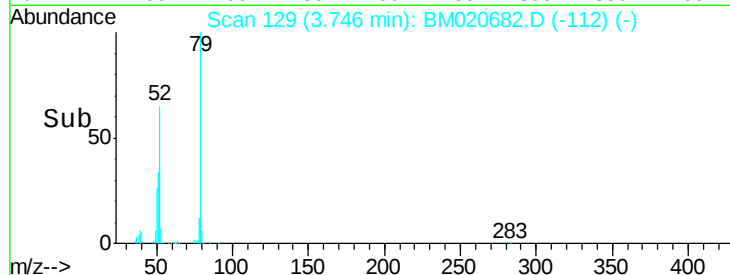
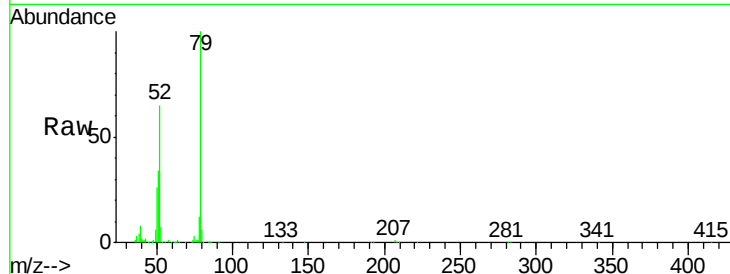
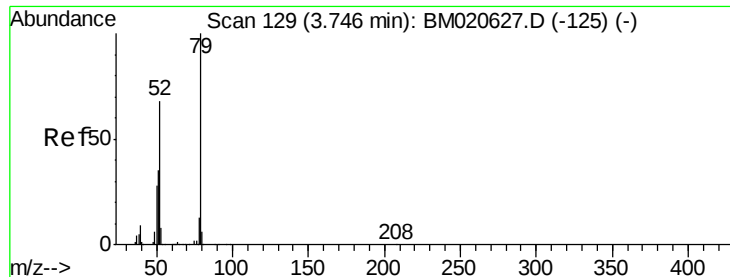
Acq: 03 Jun 2019 21:54

Tgt Ion:	88	Resp:	281228
Ion Ratio	Lower	Upper	
88	100		
58	73.1	60.2	90.4
43	30.5	25.3	37.9



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





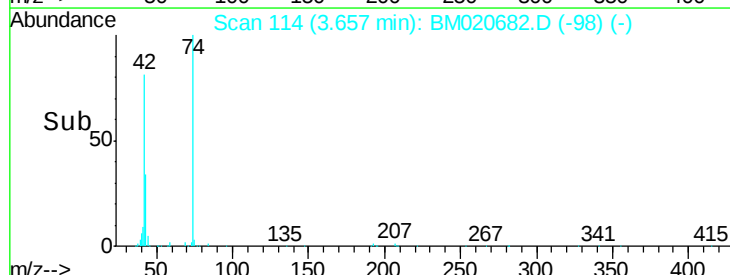
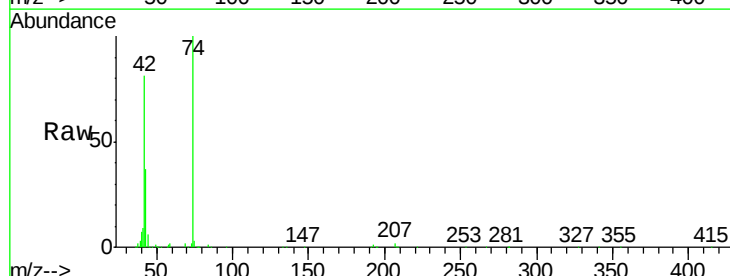
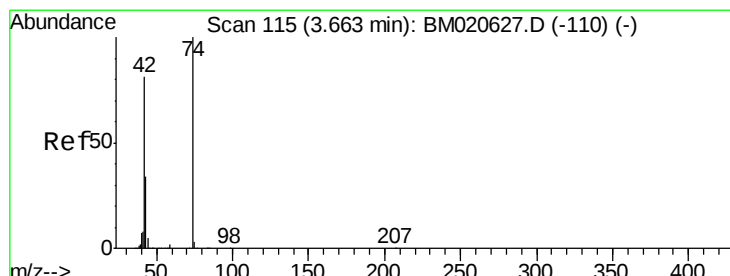
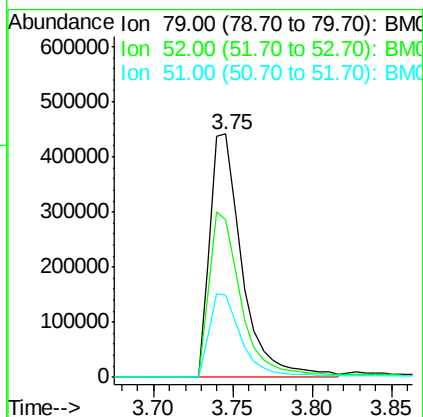
#3
 Pvridine
 Concen: 28.902 ng
 RT: 3.75 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tot Ion:	79	Resp:	630576
Ion Ratio	Lower	Upper	
79	100		
52	64.9	54.1	81.1
51	33.9	28.6	42.8

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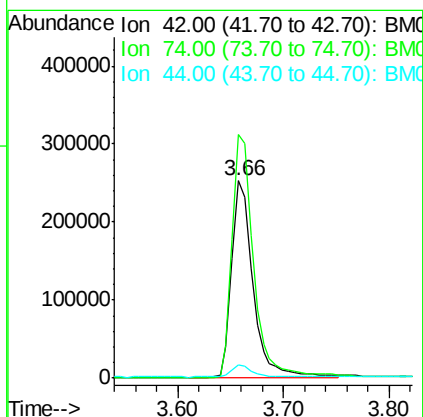
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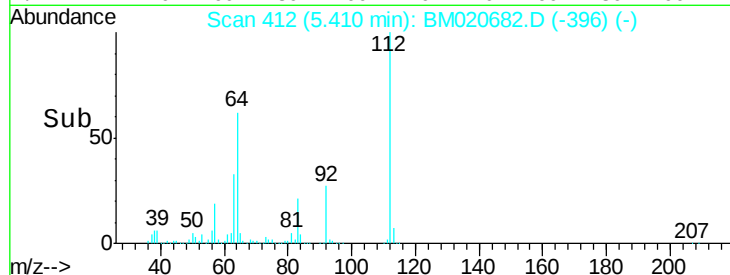
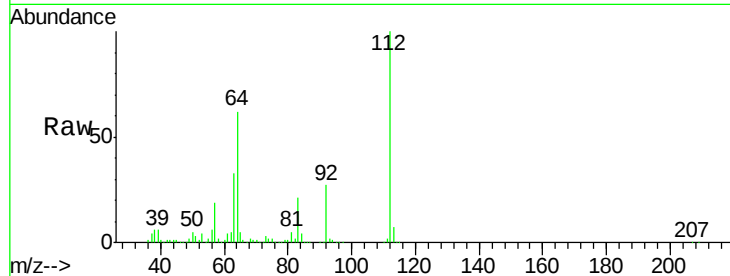
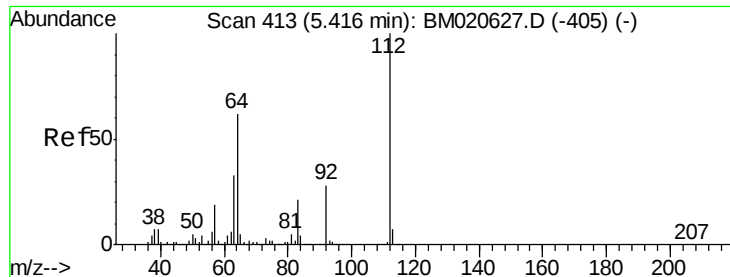
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#4
 n-Nitrosodimethylamine
 Concen: 37.583 ng
 RT: 3.66 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion:	42	Resp:	353483
Ion Ratio	Lower	Upper	
42	100		
74	123.5	99.4	149.0
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 91.730 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tot Ion:	112	Resp:	1536415
Ion Ratio	Lower	Upper	
112	100		
64	61.7	49.7	74.5
63	32.7	26.4	39.6

Instrument :

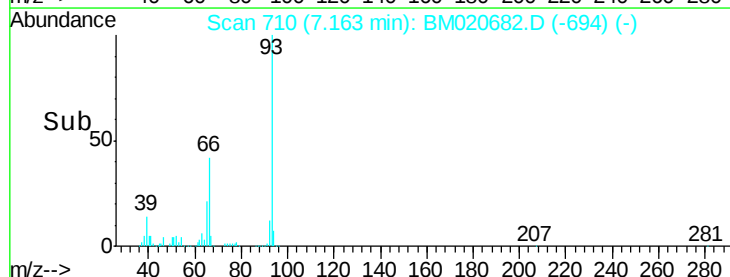
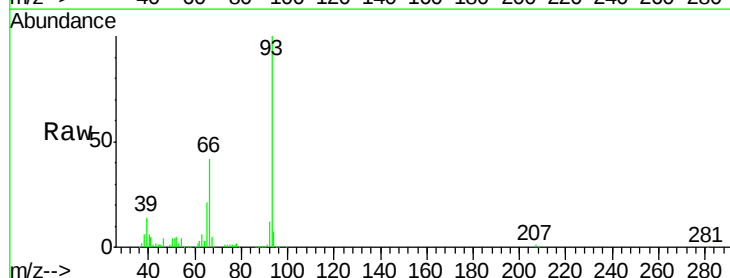
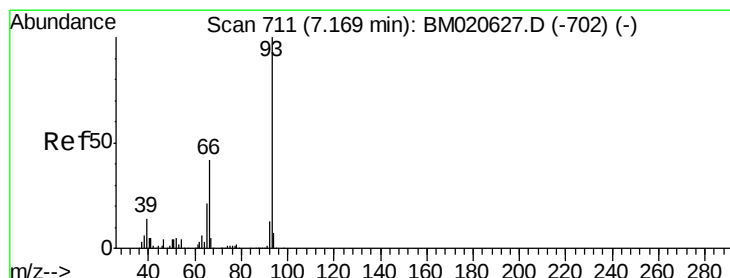
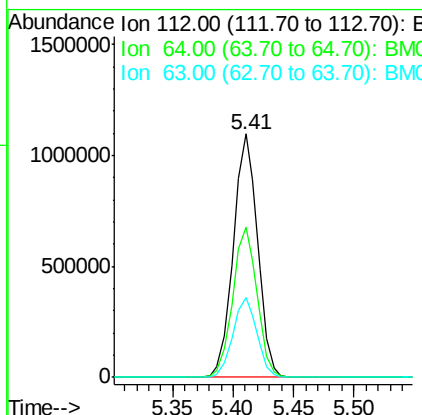
BNA_M

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#6

Aniline

Concen: 15.201 ng

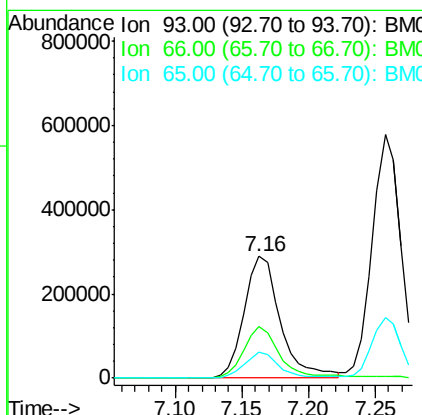
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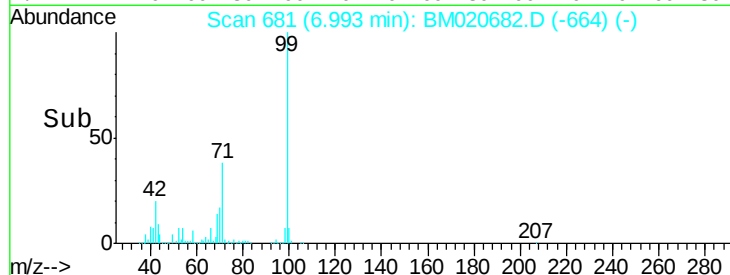
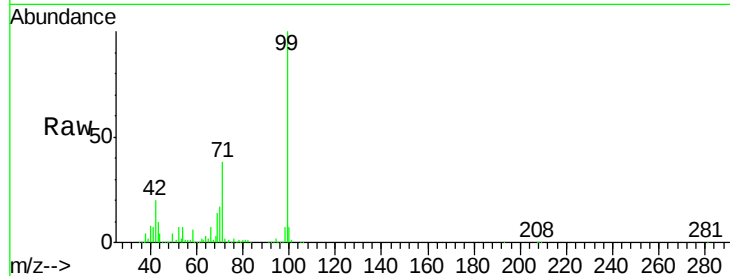
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion:	93	Resp:	542442
Ion Ratio	Lower	Upper	
93	100		
66	42.0	33.6	50.4
65	21.1	16.7	25.1





#7

Phenol-d6

Concen: 82.019 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tot Ion: 99 Resp: 2022806

Ion Ratio Lower Upper

99 100

42 19.7 16.5 24.7

71 37.8 30.7 46.1

Instrument :

BNA_M

ClientSampleId :

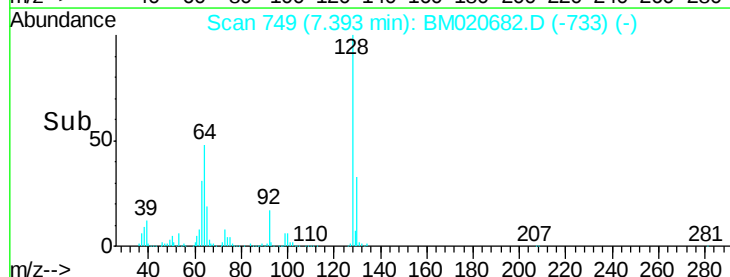
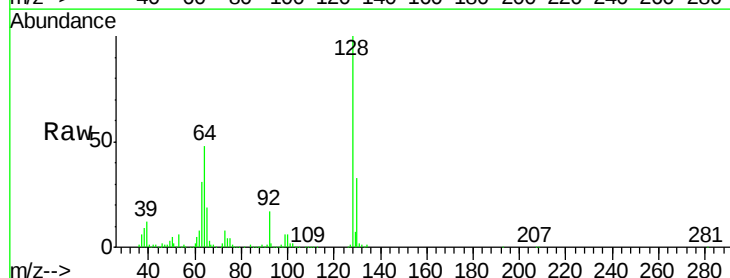
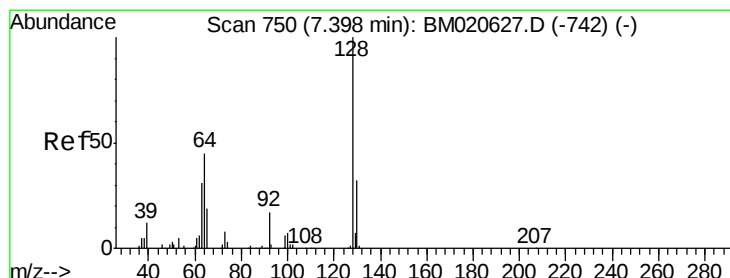
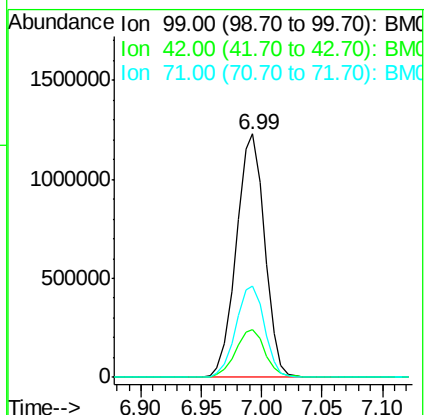
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#8

2-Chlorophenol

Concen: 44.445 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

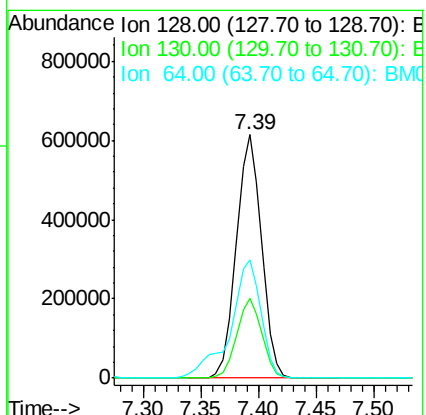
Tgt Ion: 128 Resp: 926095

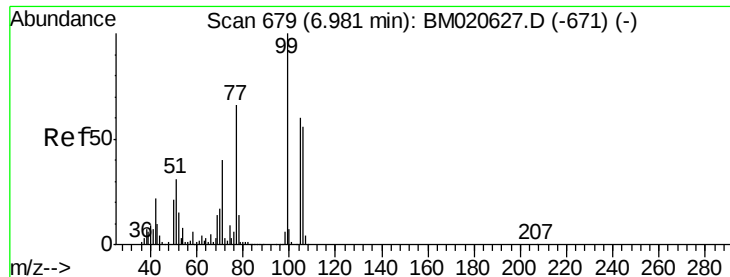
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 48.3 29.1 69.1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

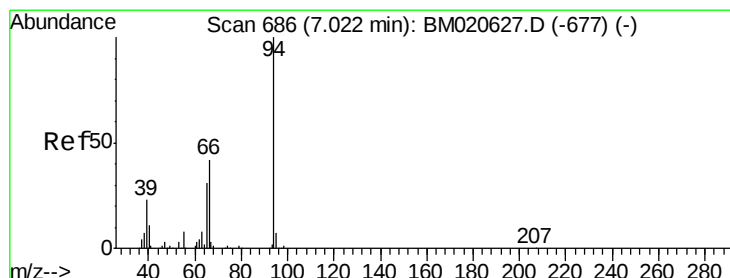
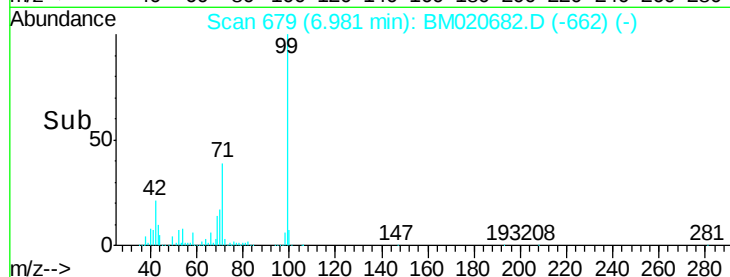
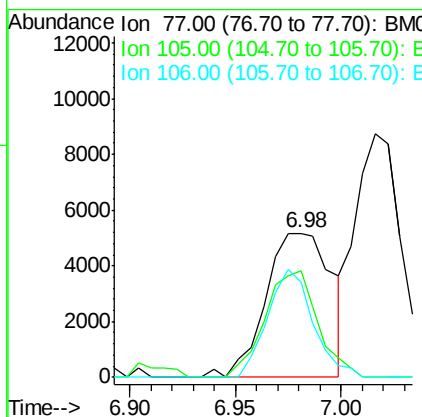
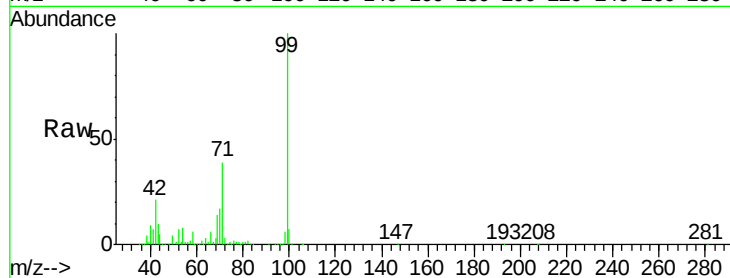
ClientSampleId :

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Tot Ion:	77	Resp:	11240
Ion	Ratio	Lower	Upper
77	100		
105	74.2	70.6	110.6
106	65.9	64.9	104.9

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#10

Phenol

Concen: 42.952 ng

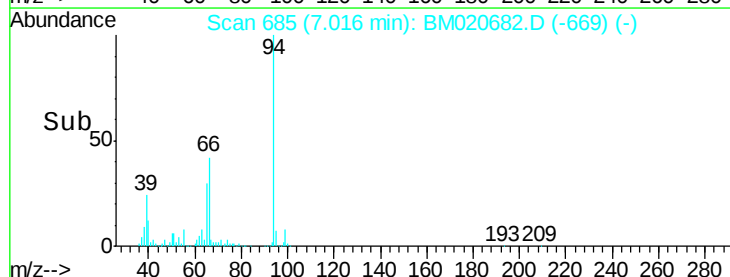
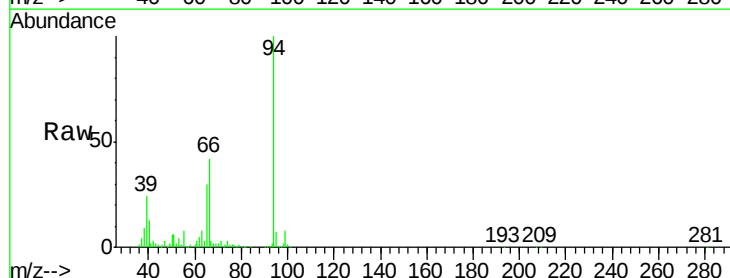
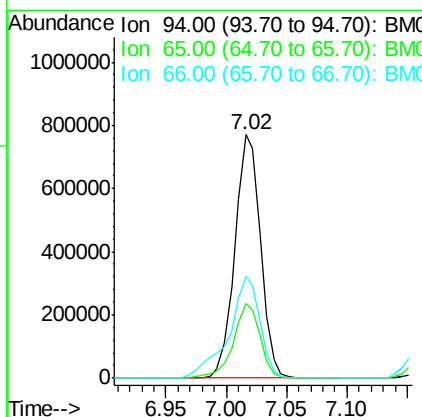
RT: 7.02 min Scan# 685

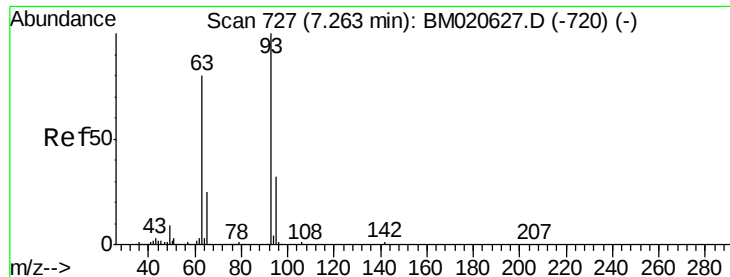
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion:	94	Resp:	1141572
Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.7	50.7
66	41.7	22.3	62.3





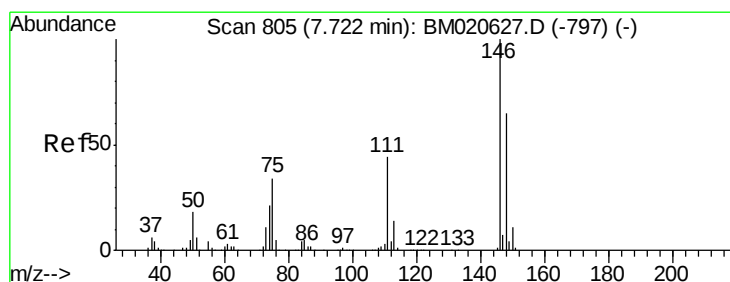
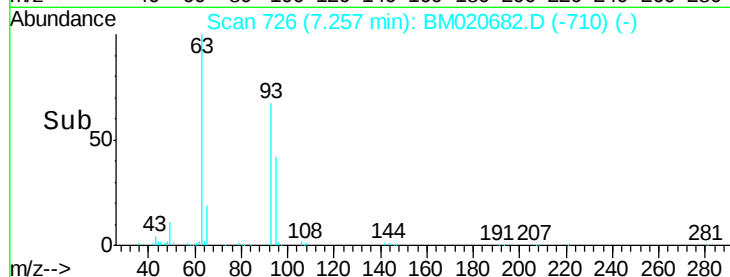
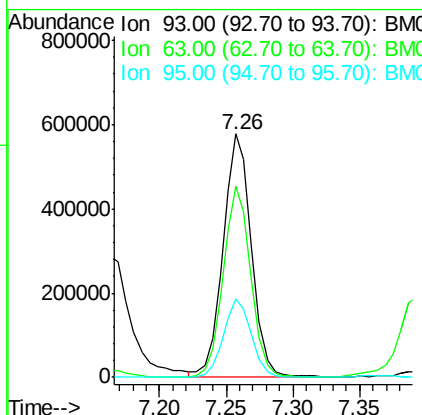
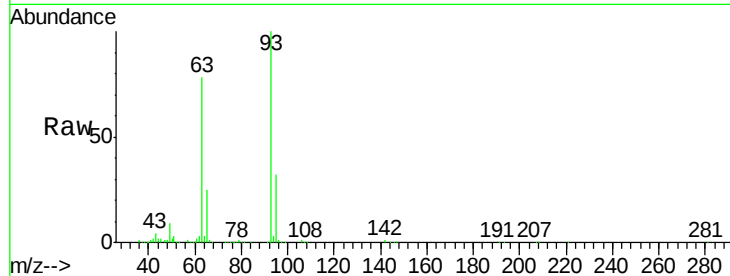
#11
bis(2-Chloroethyl)ether
Concen: 40.065 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.4	60.0	100.0	
95	32.1	12.2	52.2	

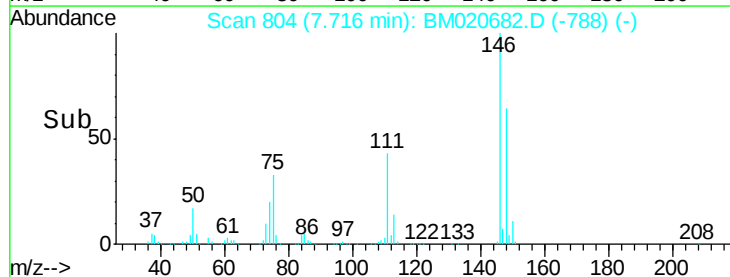
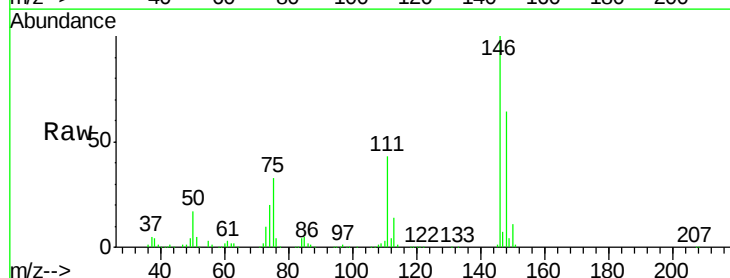
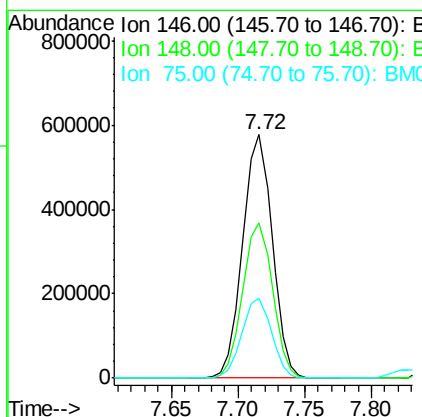
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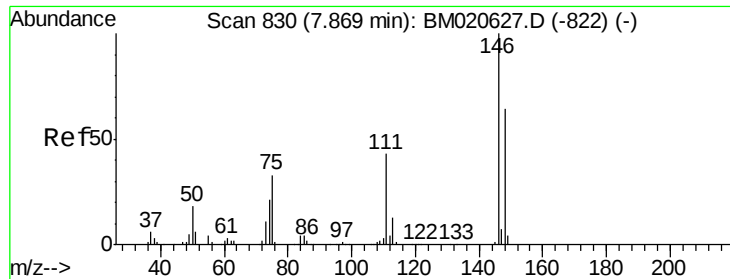
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#12
1,3-Dichlorobenzene
Concen: 37.039 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.0	52.0	78.0	
75	32.9	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 37.330 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

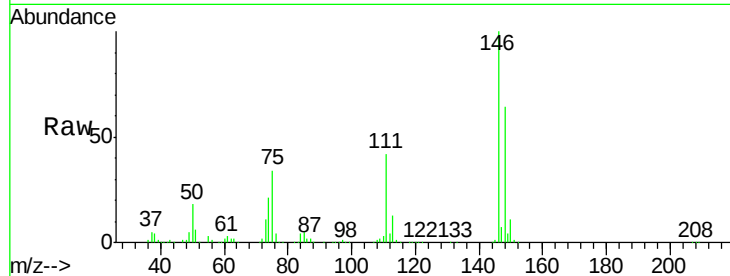
ClientSampleId :

PB120177BS

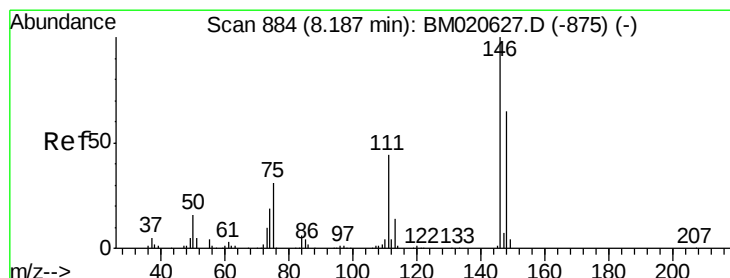
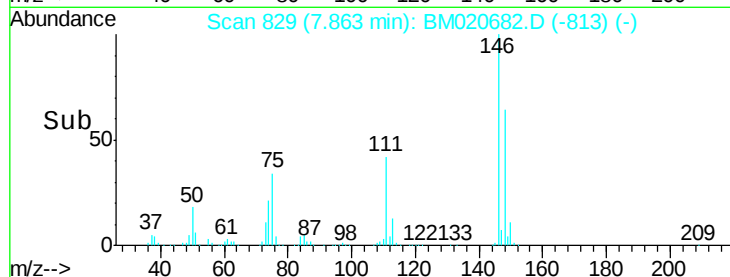
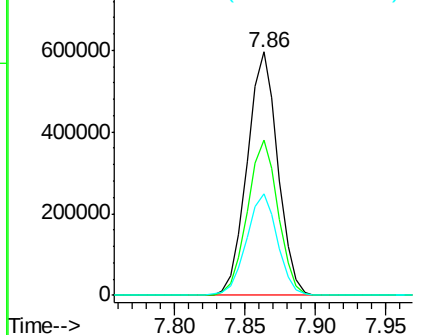
Tot Ion:	146	Resp:	908811
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.4
111	41.8	34.4	51.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.494 ng

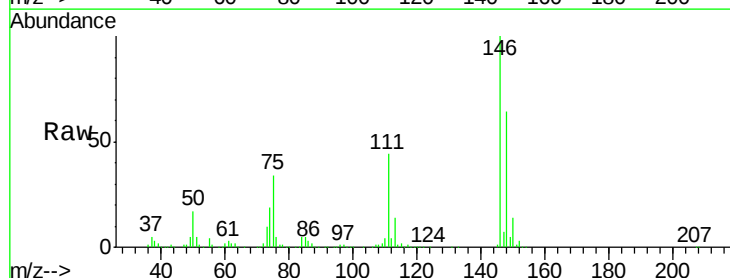
RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

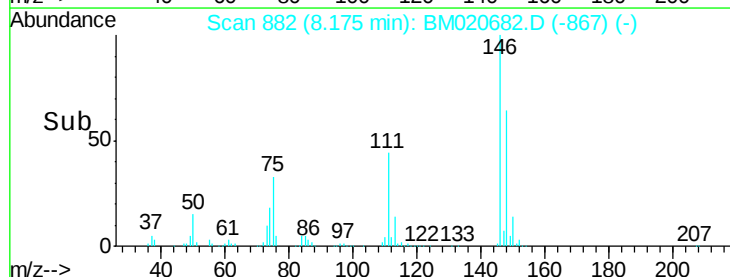
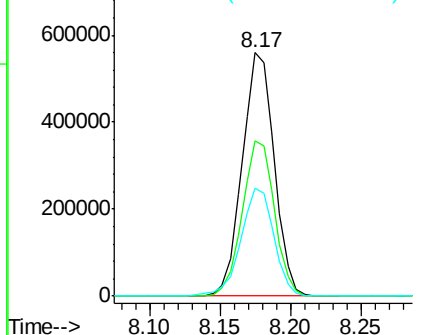
Lab File: BM020682.D

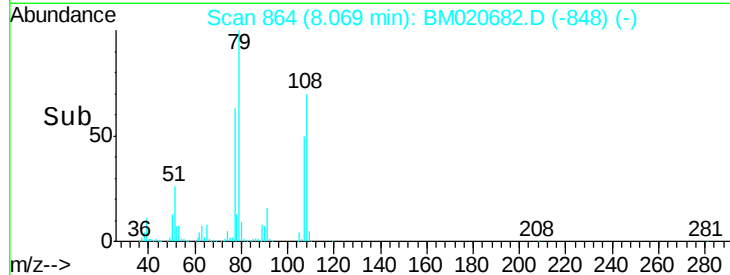
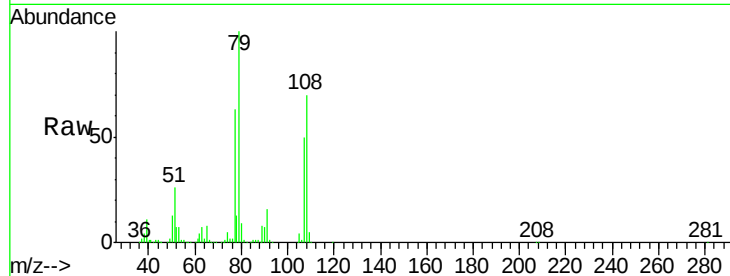
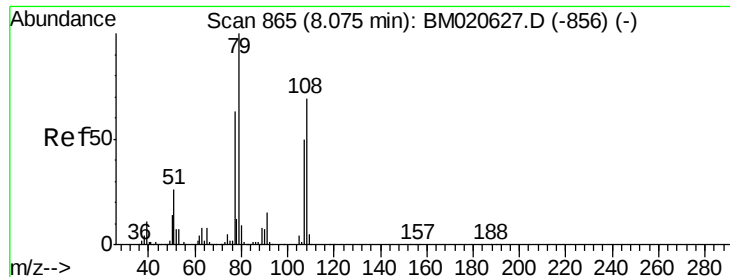
Acq: 03 Jun 2019 21:54

Tgt Ion:	146	Resp:	888303
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
111	44.3	35.1	52.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





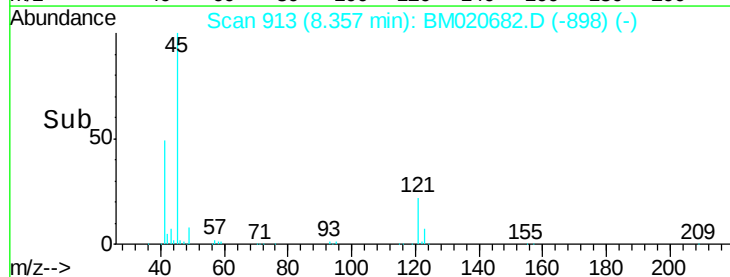
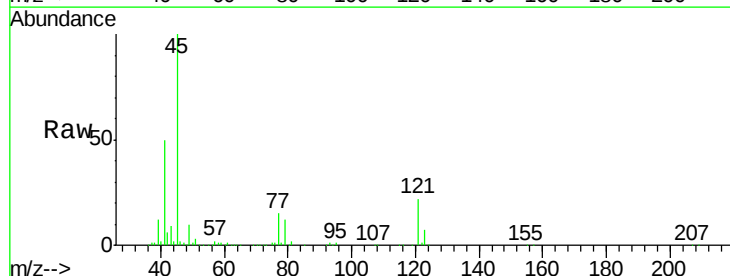
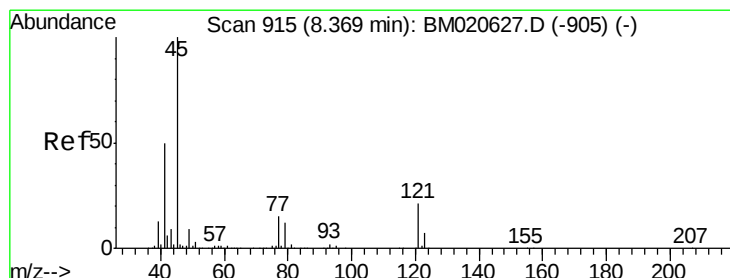
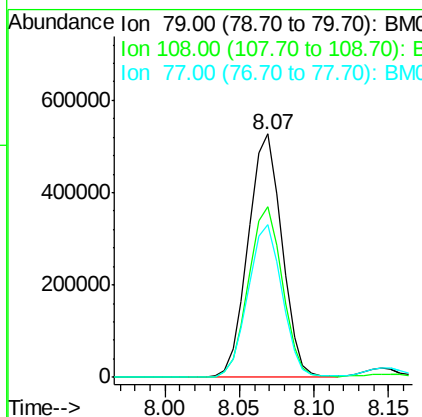
#15
Benzyl Alcohol
Concen: 37.841 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.0	54.9	82.3
77	62.7	50.2	75.4

Instrument :
BNA_M
ClientSampleId :
PB120177BS

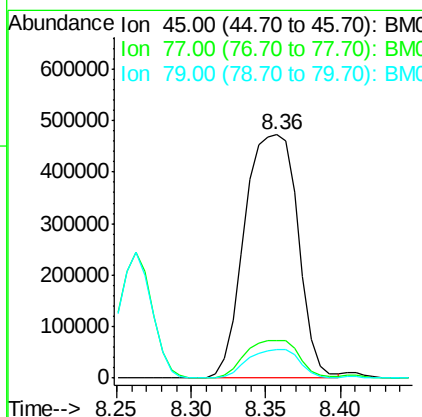
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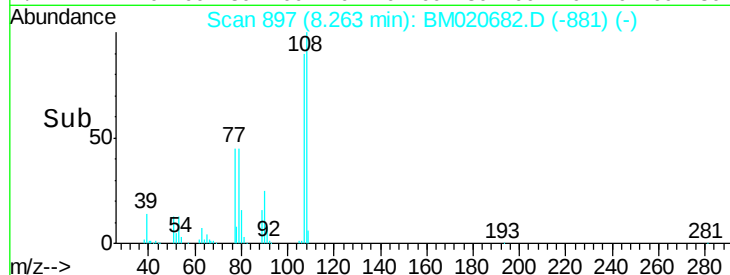
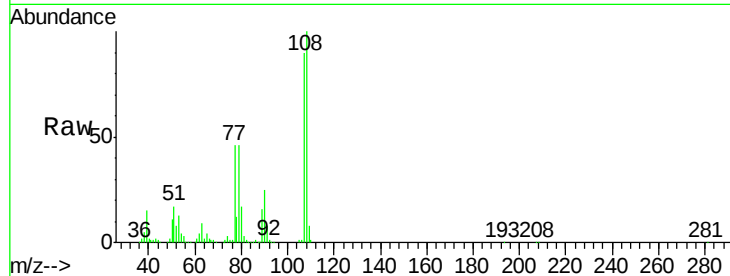
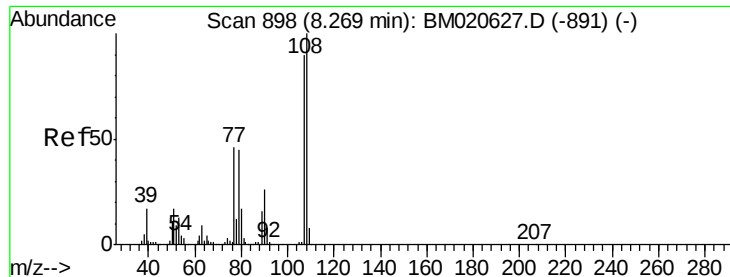
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.743 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.9
79	11.8	0.0	31.8





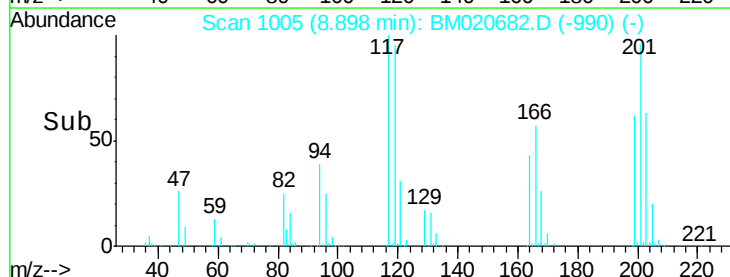
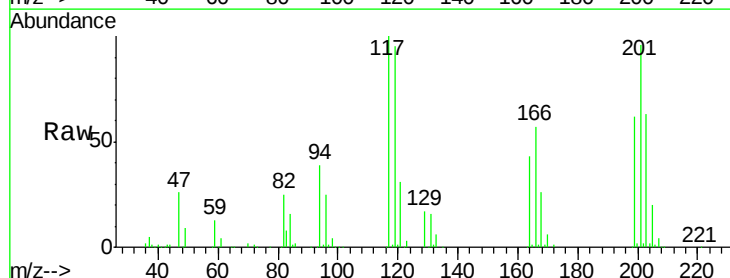
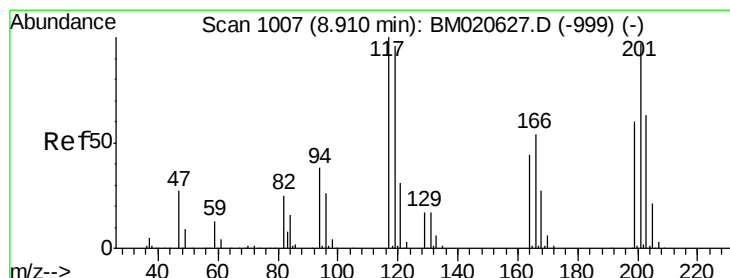
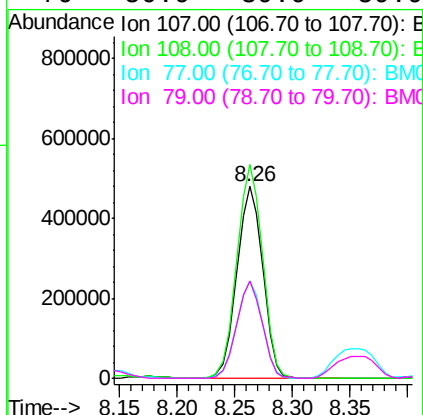
#17
2-Methylphenol
Concen: 39.784 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	88.6	133.0	
77	51.0	40.6	61.0	
79	50.9	39.9	59.9	

Instrument :
BNA_M
ClientSampleId :
PB120177BS

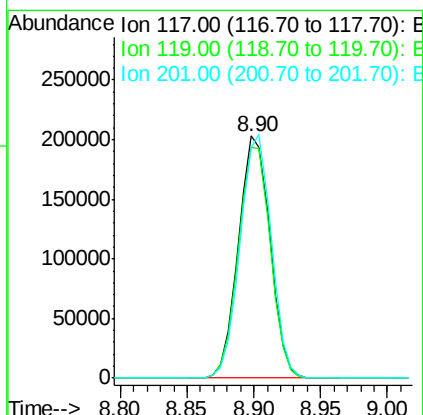
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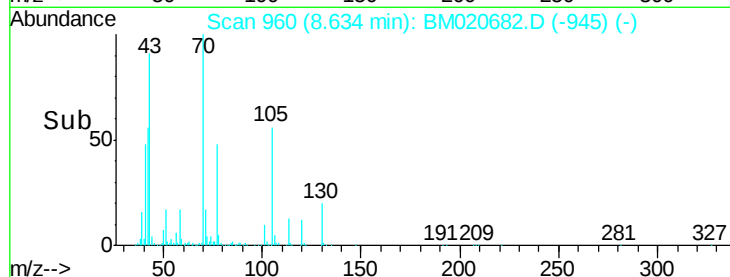
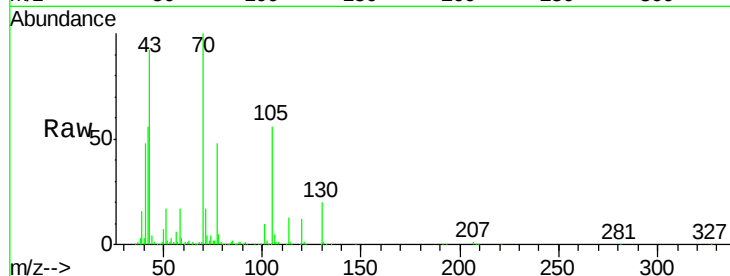
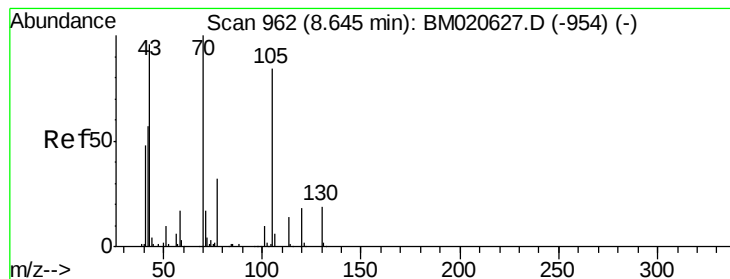
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#18
Hexachloroethane
Concen: 35.691 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.7	115.1	
201	95.6	77.9	116.9	





#19

n-Nitroso-di-n-propylamine

Concen: 34.421 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	46.8	70.2	
101	9.8	7.8	11.6	
130	19.8	15.0	22.6	

Instrument :

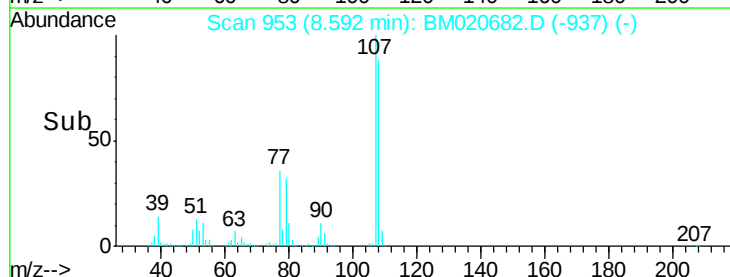
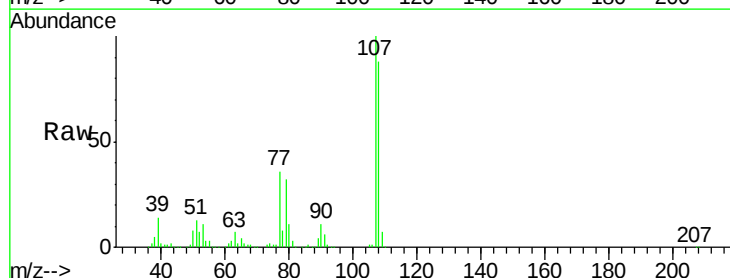
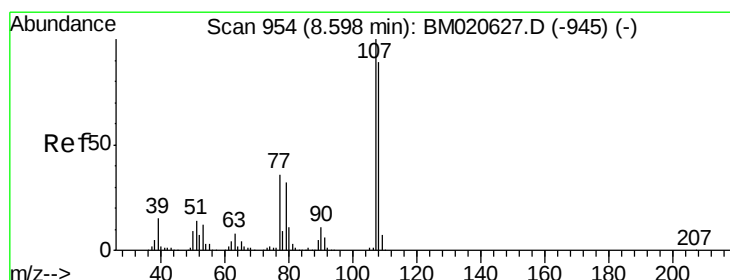
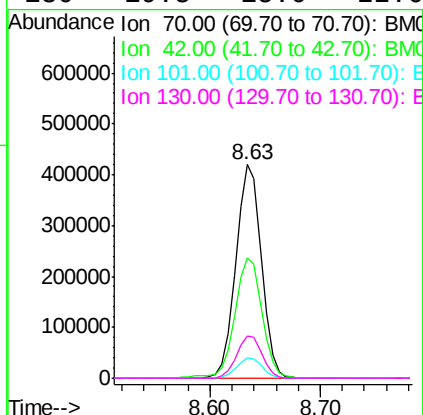
BNA_M

ClientSampleId :

PB120177BS

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#20

3+4-Methylphenols

Concen: 38.533 ng

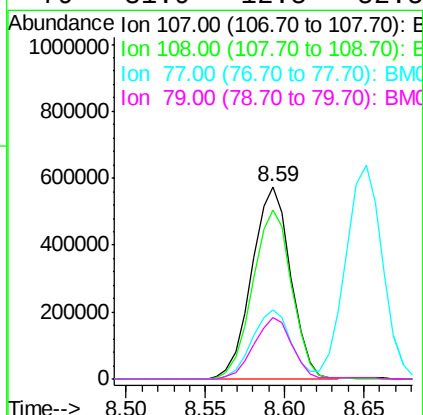
RT: 8.59 min Scan# 953

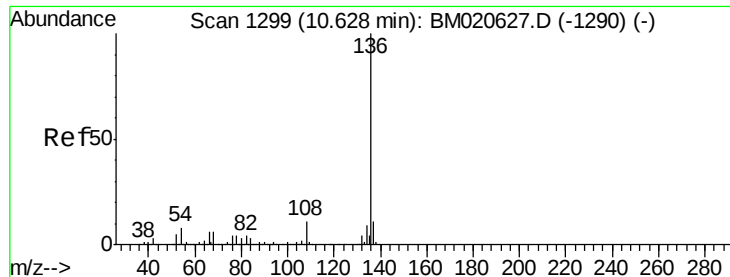
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	69.2	109.2	
77	35.8	16.2	56.2	
79	31.9	12.5	52.5	





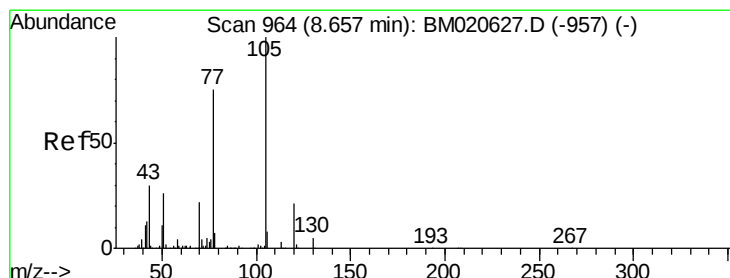
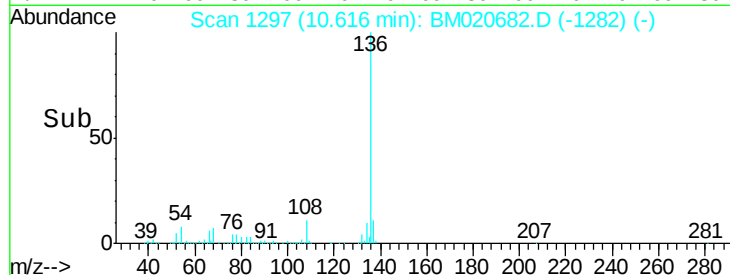
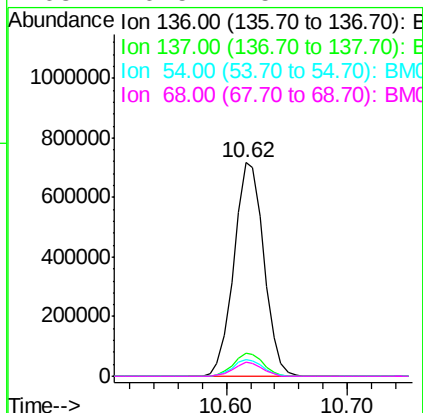
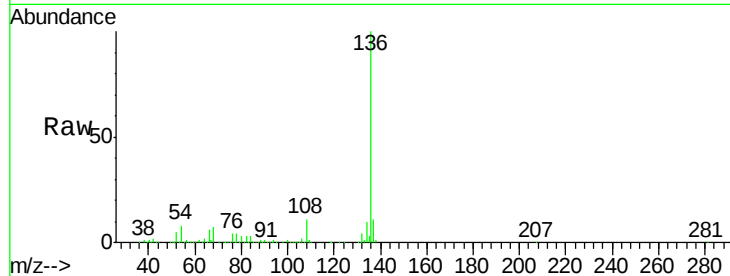
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	136	Resp	1233685
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.6	10.0
68	6.5	5.1	7.7

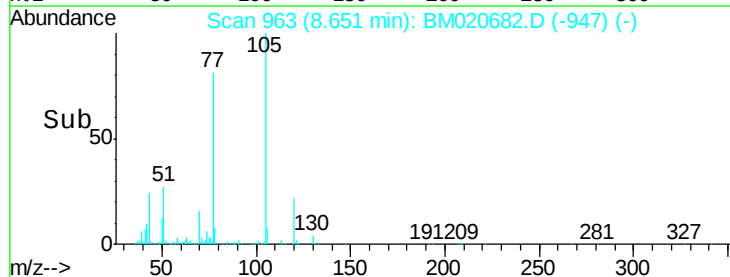
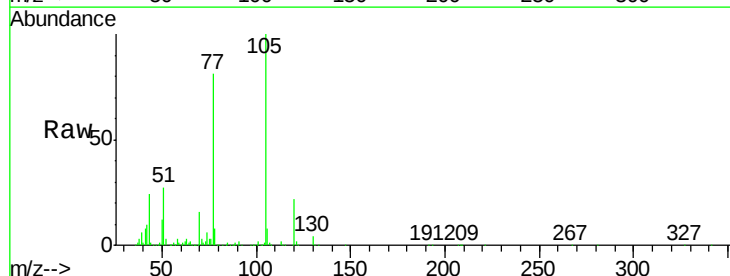
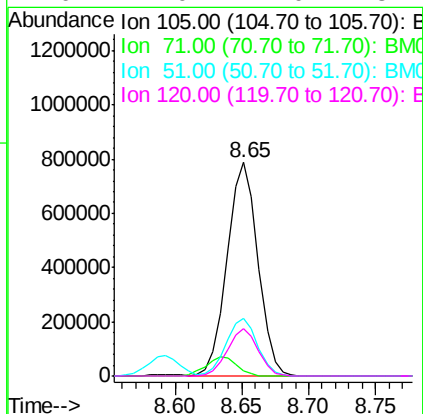
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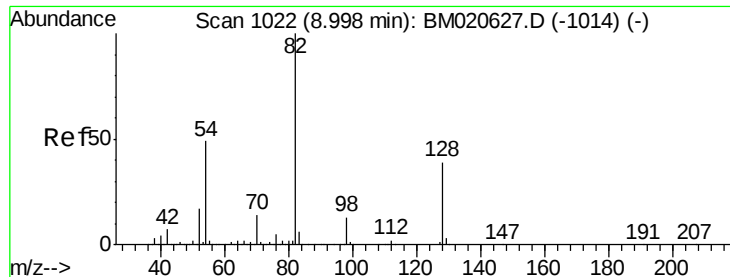
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#22
Acetophenone
Concen: 40.445 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	105	Resp	1267535
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.2	4.8#
51	27.1	22.8	34.2
120	22.0	17.0	25.4





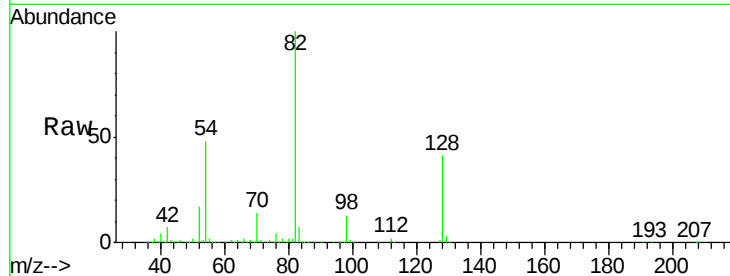
#23
 Nitrobenzene-d5
 Concen: 72.713 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

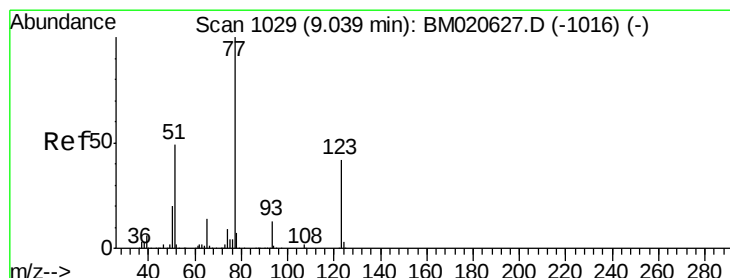
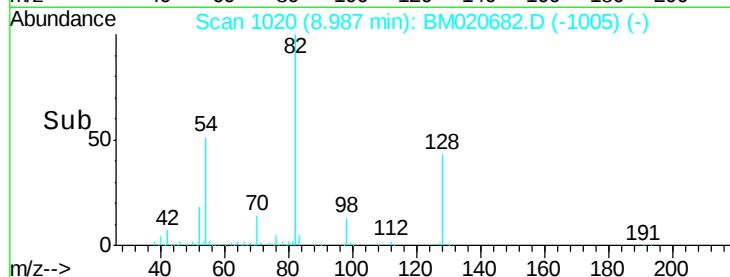
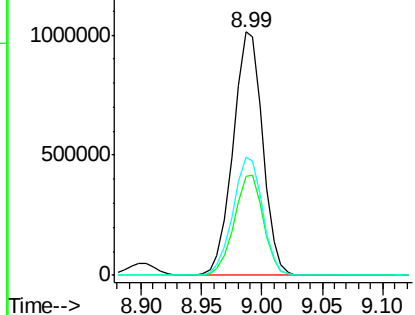
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.5	47.3
54	48.4	39.4	59.0

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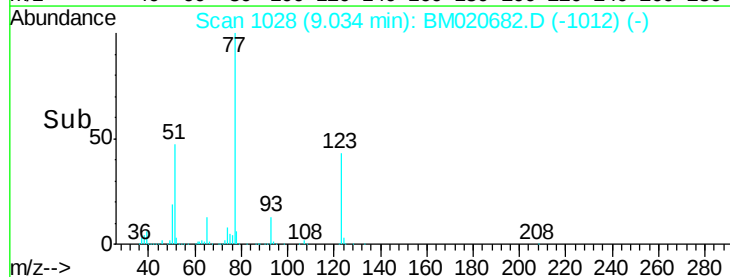
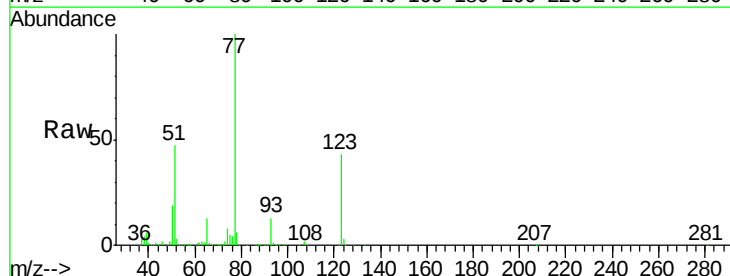
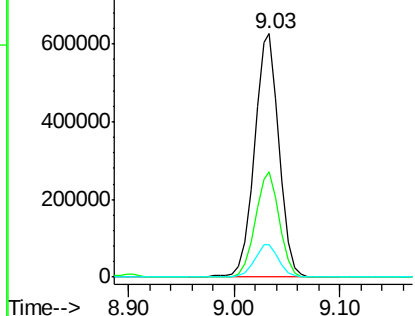
Abundance Ion 82.00 (81.70 to 82.70): BM020682.D (-1005) (-)
 Ion 128.00 (127.70 to 128.70): BM020682.D (-1005) (-)
 Ion 54.00 (53.70 to 54.70): BM020682.D (-1005) (-)

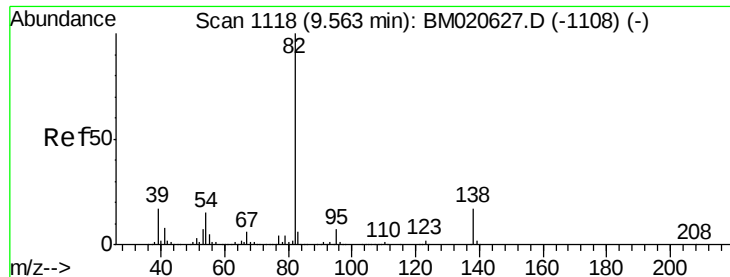


#24
 Nitrobenzene
 Concen: 41.518 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	33.7	50.5
65	13.3	11.0	16.6

Abundance Ion 77.00 (76.70 to 77.70): BM020682.D (-1012) (-)
 Ion 123.00 (122.70 to 123.70): BM020682.D (-1012) (-)
 Ion 65.00 (64.70 to 65.70): BM020682.D (-1012) (-)





#25

Isophorone

Concen: 37.059 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion: 82 Resp: 1755266

Ion Ratio Lower Upper

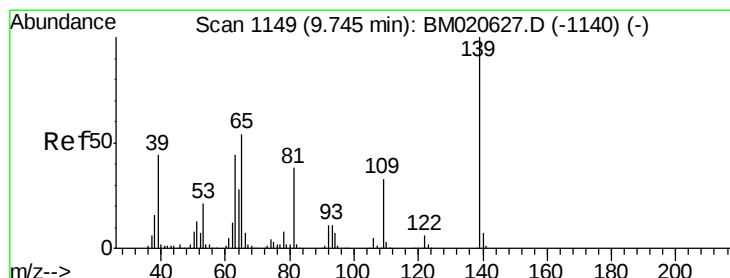
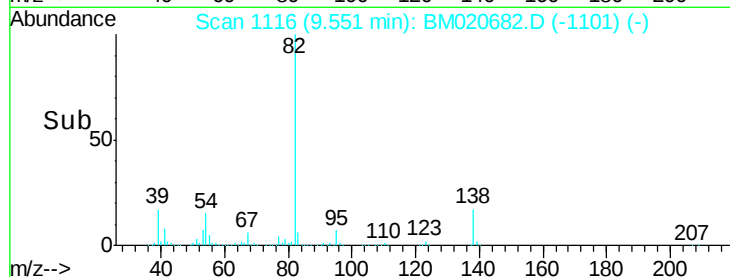
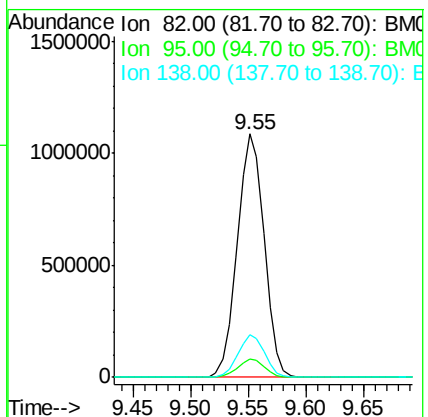
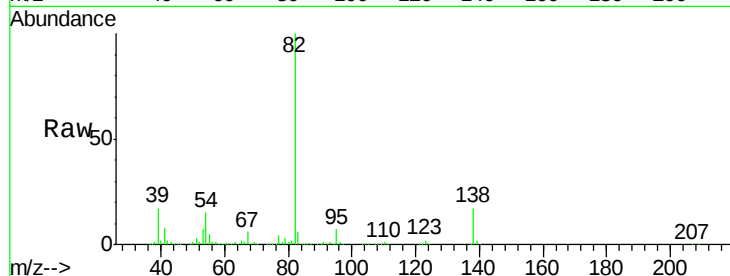
82 100

95 7.5 5.8 8.8

138 17.4 13.8 20.8

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#26

2-Nitrophenol

Concen: 45.039 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

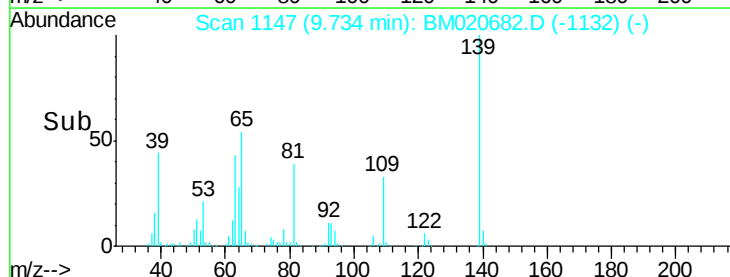
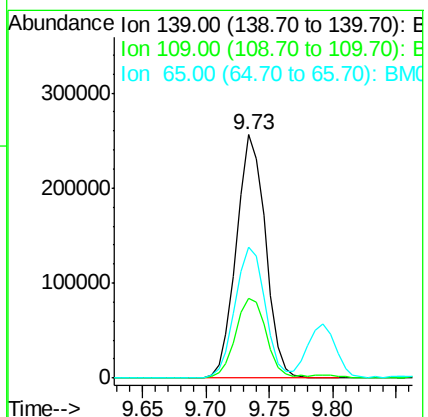
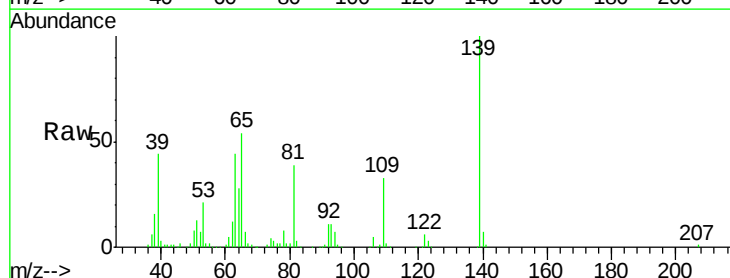
Tgt Ion: 139 Resp: 408023

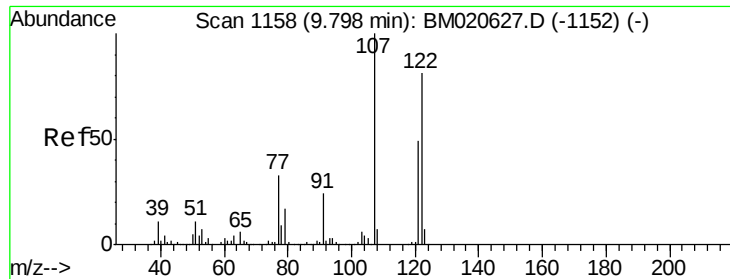
Ion Ratio Lower Upper

139 100

109 32.6 26.1 39.1

65 54.0 43.4 65.0





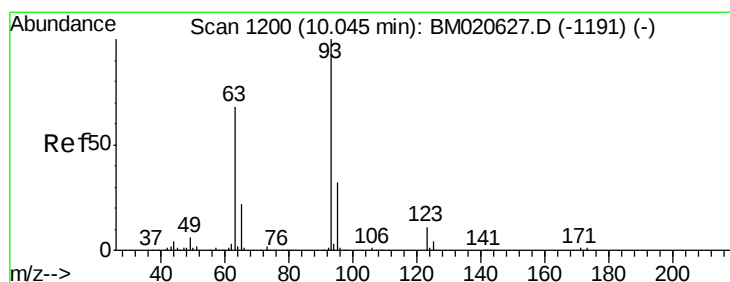
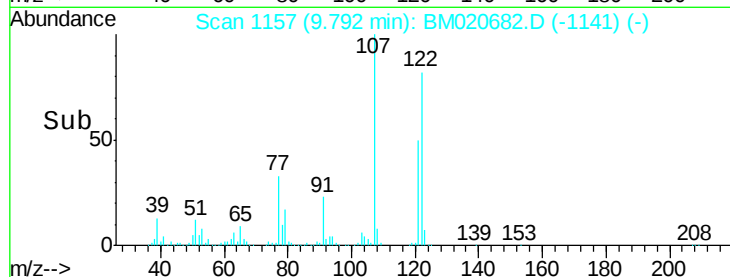
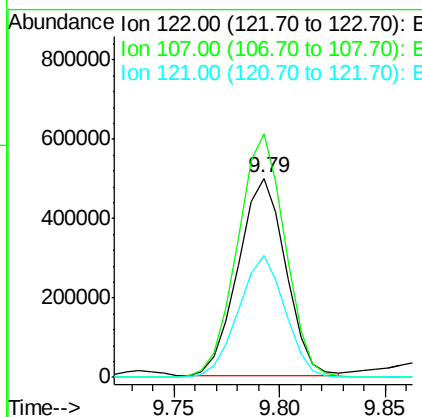
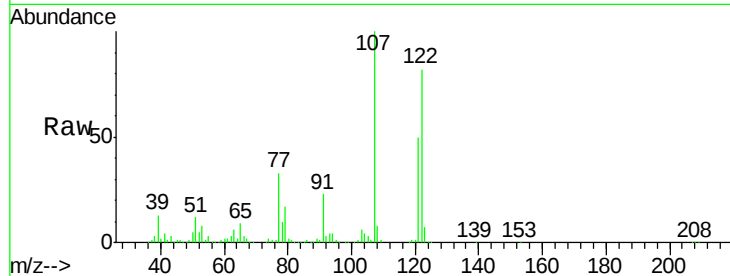
#27
 2,4-Dimethylphenol
 Concen: 45.647 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		774892		
107	122.5	98.0	147.0		
121	61.4	48.2	72.4		

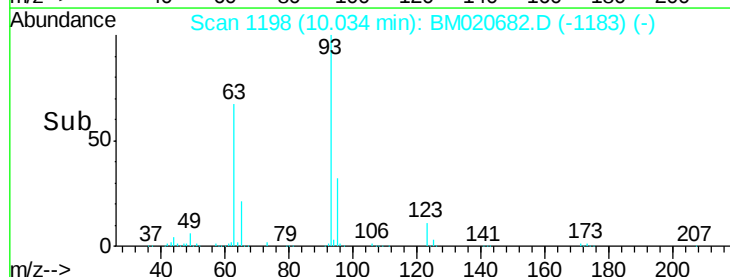
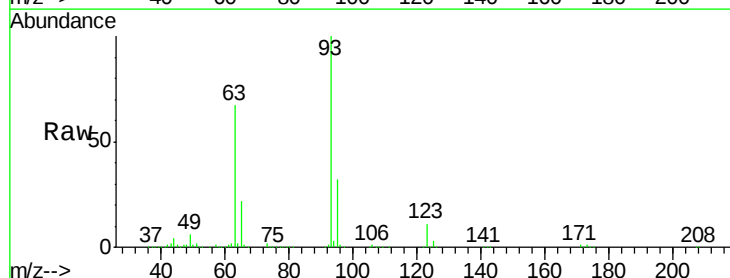
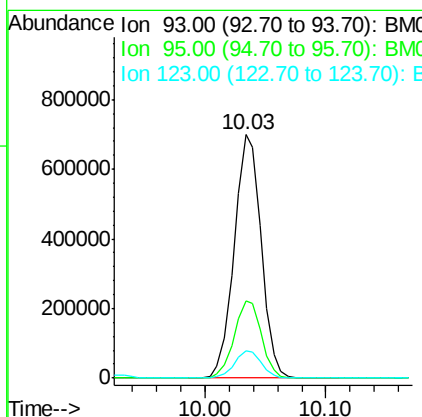
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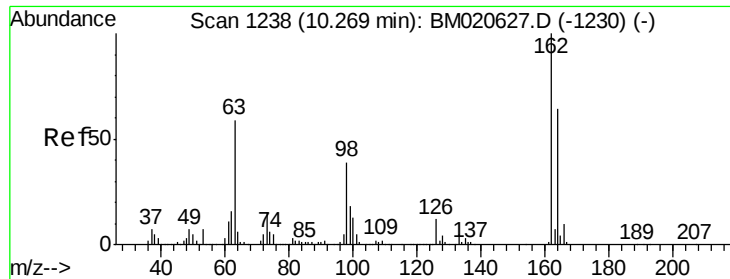
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.100 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		1091111		
95	31.6	25.8	38.6		
123	11.2	9.0	13.6		





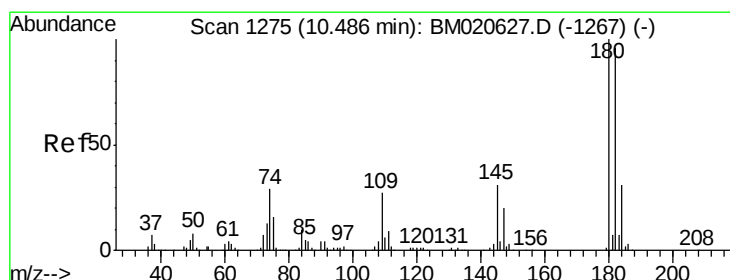
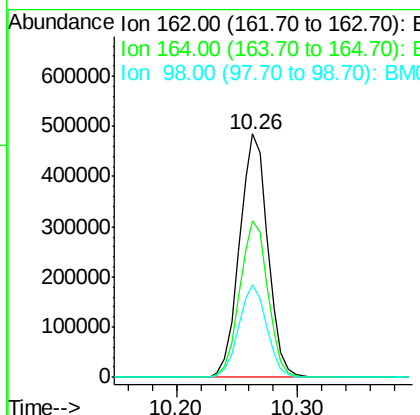
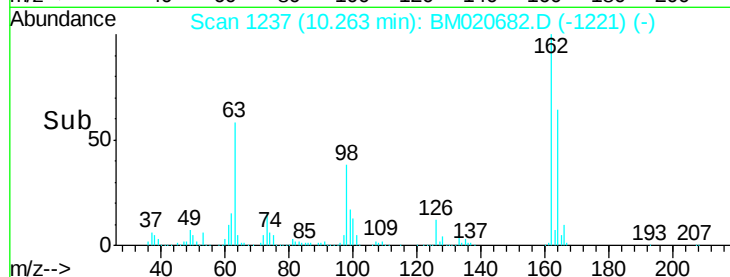
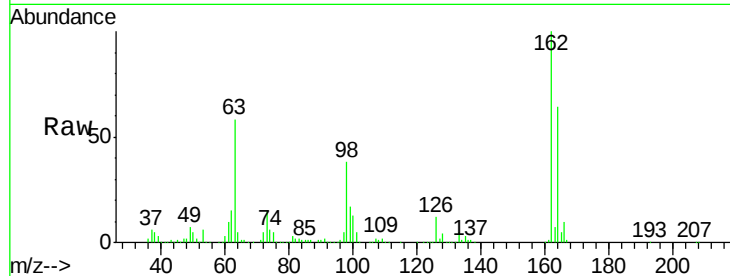
#29
2,4-Dichlorophenol
Concen: 42.127 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	791208		
164	64.2	43.8	83.8	
98	38.2	19.1	59.1	

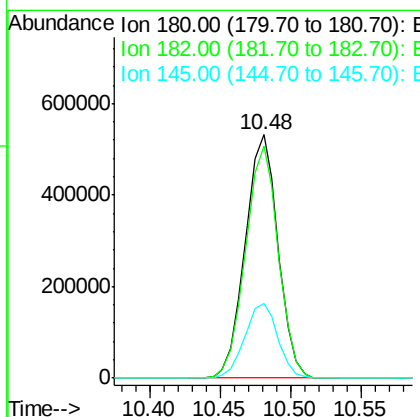
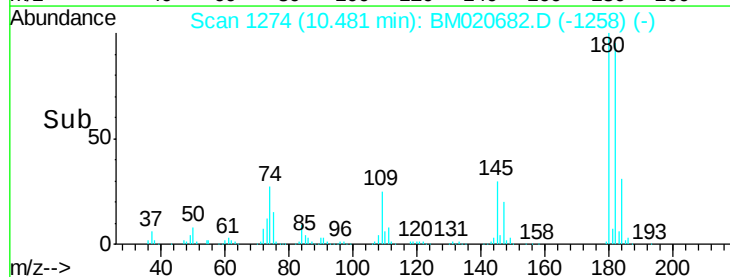
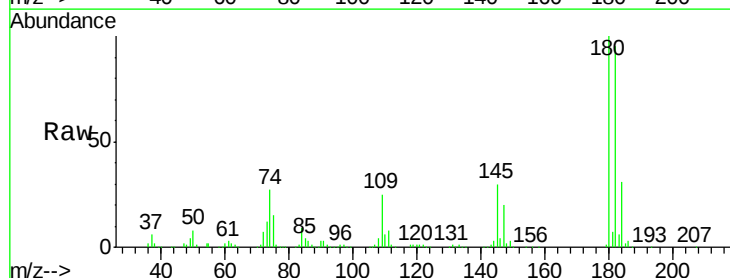
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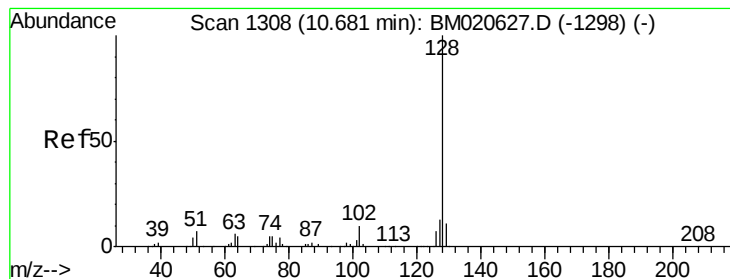
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#30
1,2,4-Trichlorobenzene
Concen: 40.164 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	867375		
182	95.4	77.0	115.6	
145	30.5	25.0	37.4	





#31

Naphthalene

Concen: 41.123 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion:128 Resp: 2608858

Ion Ratio Lower Upper

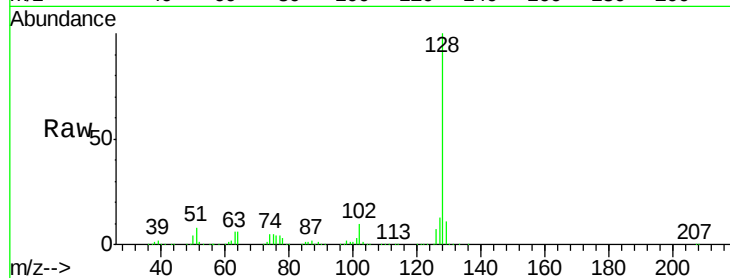
128 100

129 11.0 8.7 13.1

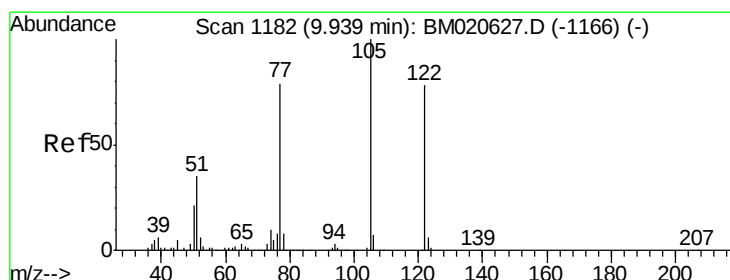
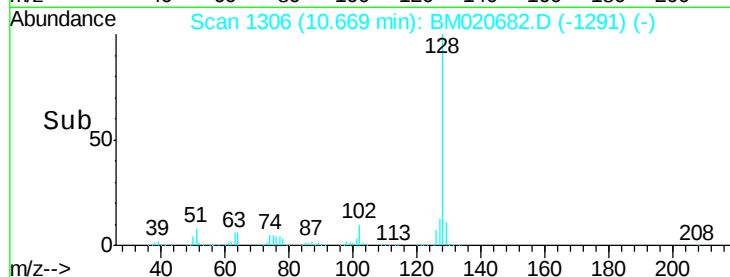
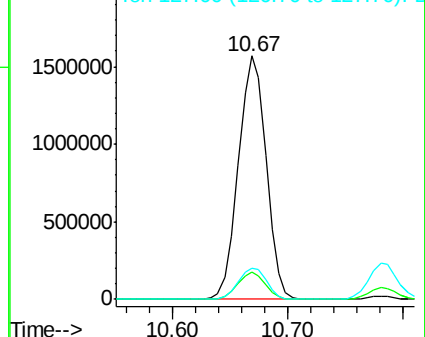
127 13.0 10.3 15.5

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



#32

Benzoic acid

Concen: 38.559 ng

RT: 9.93 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

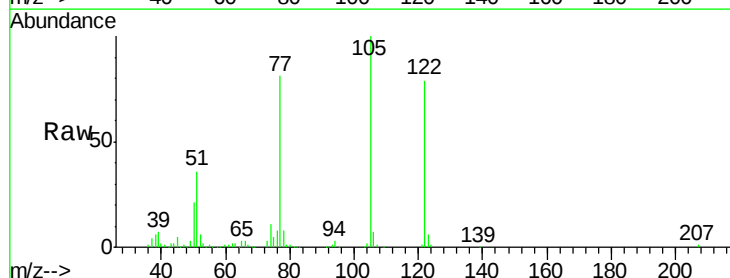
Tgt Ion:122 Resp: 399918

Ion Ratio Lower Upper

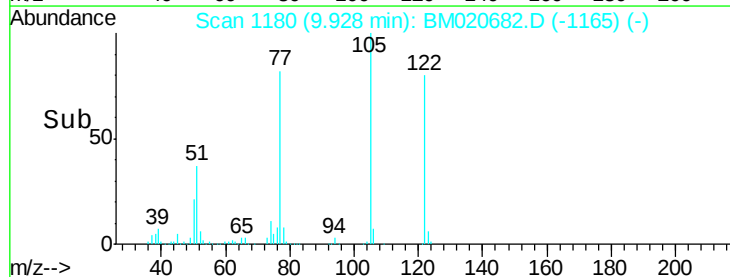
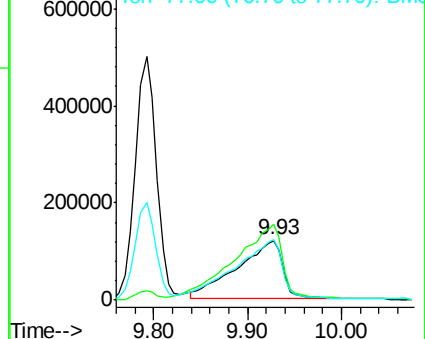
122 100

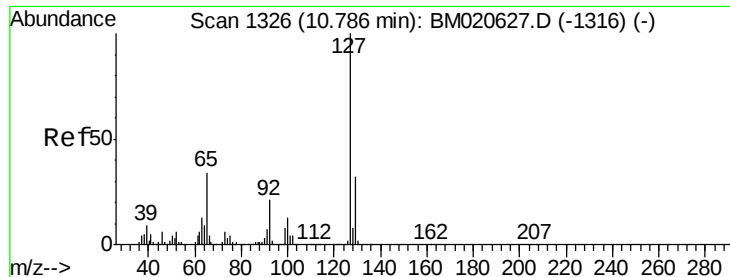
105 126.4 107.0 147.0

77 102.6 80.9 120.9



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





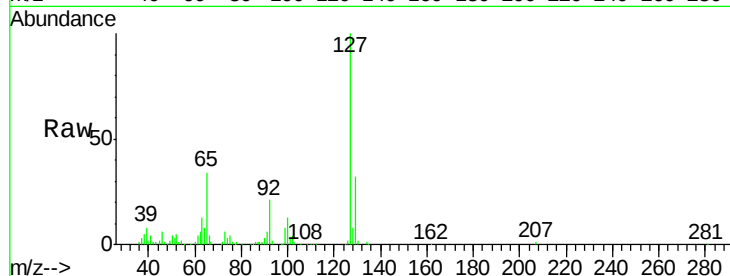
#33
4-Chloroaniline
Concen: 13.728 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

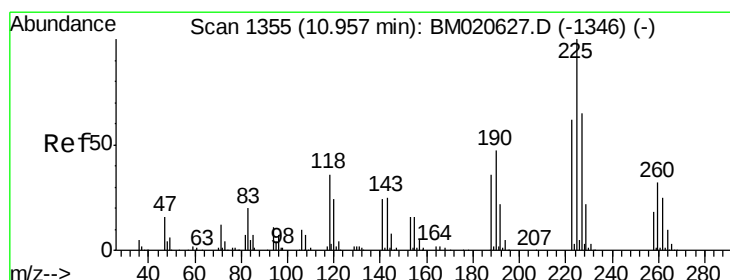
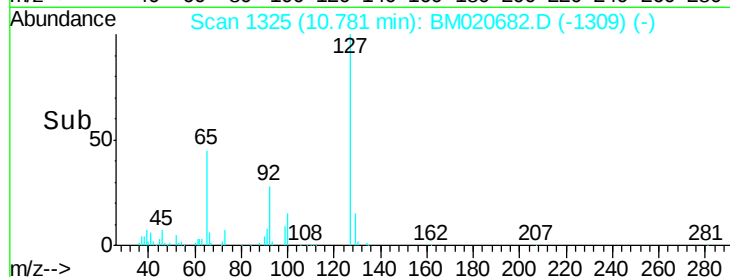
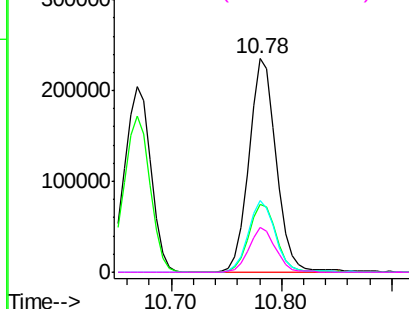
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.7	38.5		
65	33.6	27.4	41.0		
92	21.0	17.0	25.6		

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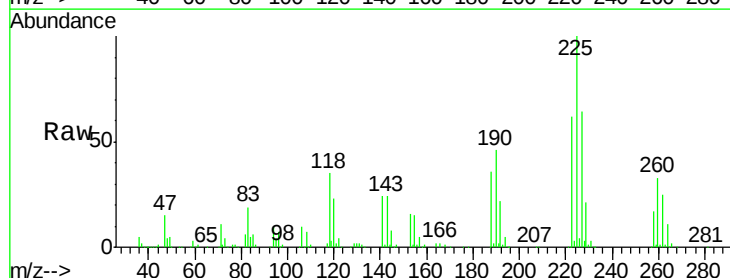


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

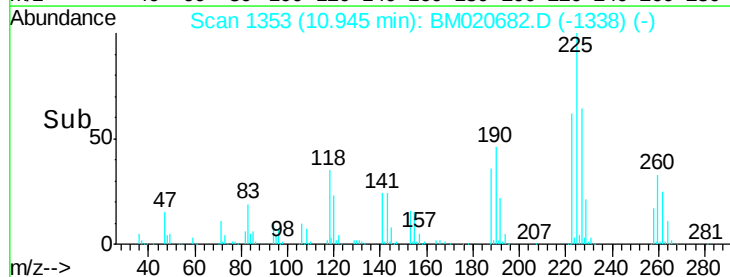
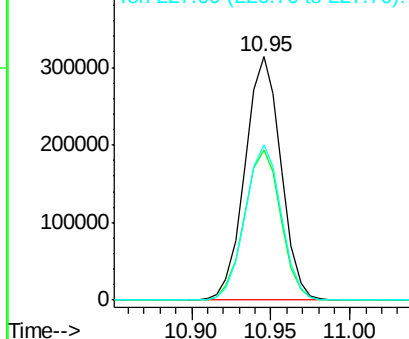


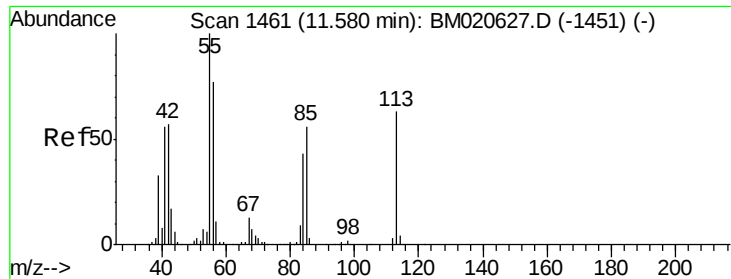
#34
Hexachlorobutadiene
Concen: 38.114 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.7	74.5		
227	63.8	51.8	77.8		



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





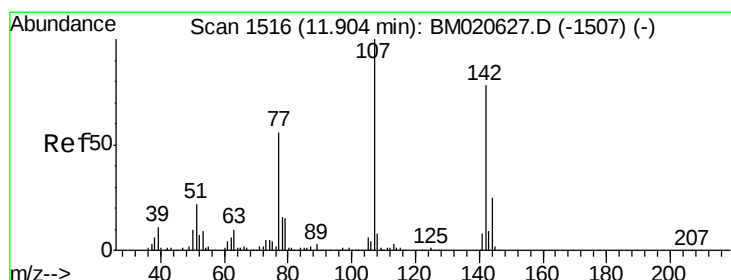
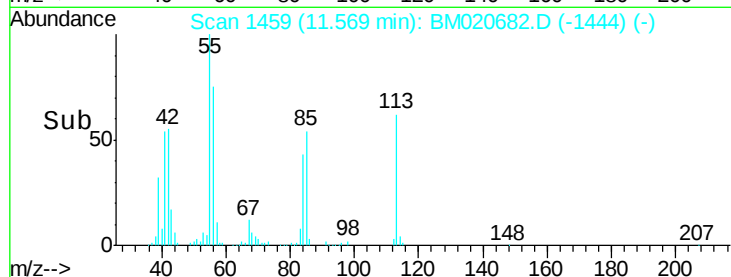
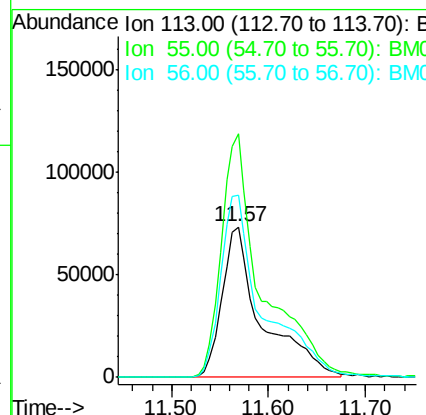
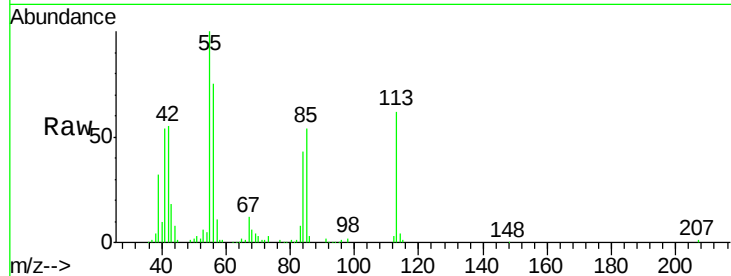
#35
 Caprolactam
 Concen: 32.229 ng/ml
 RT: 11.57 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.4	138.6	178.6
56	121.2	102.3	142.3

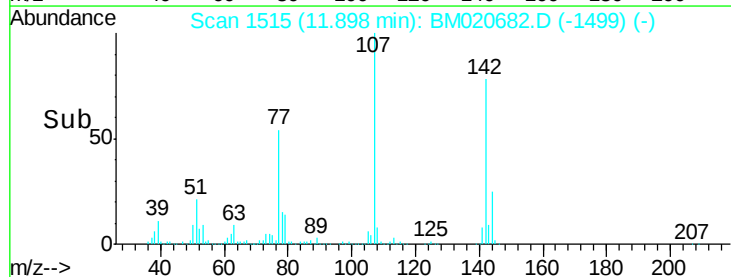
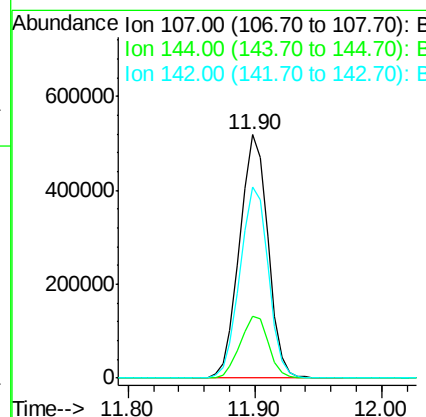
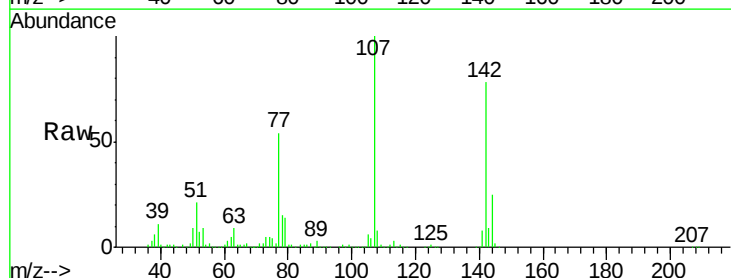
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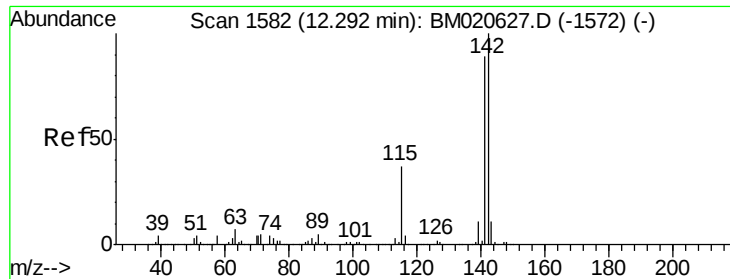
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#36
 4-Chloro-3-methylphenol
 Concen: 36.890 ng/ml
 RT: 11.90 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.3	30.5
142	78.3	62.6	93.8





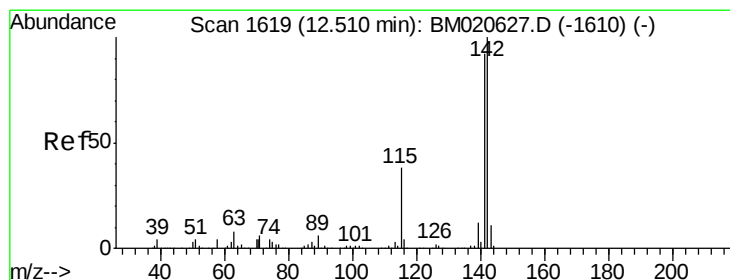
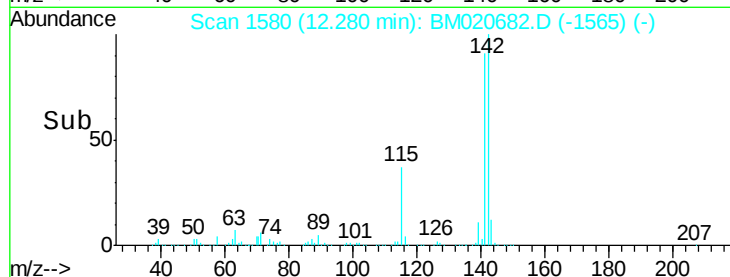
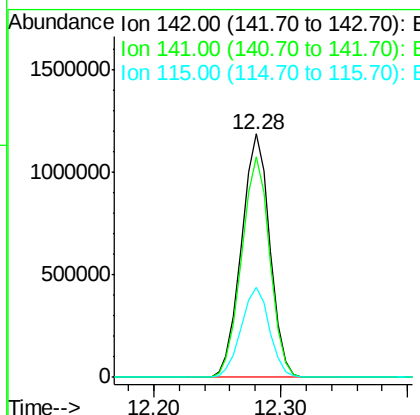
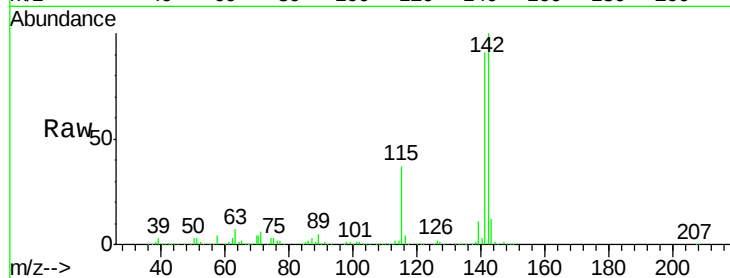
#37
2-Methylnaphthalene
Concen: 39.211 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.6	107.4
115	36.7	29.6	44.4

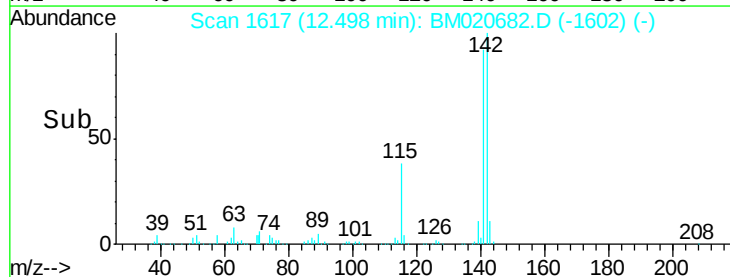
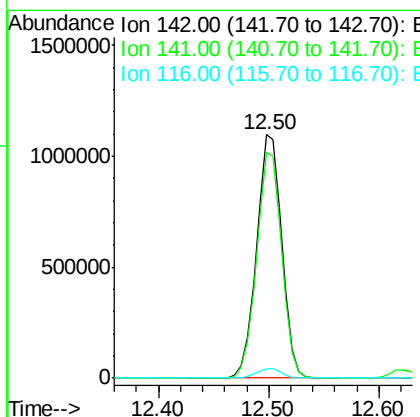
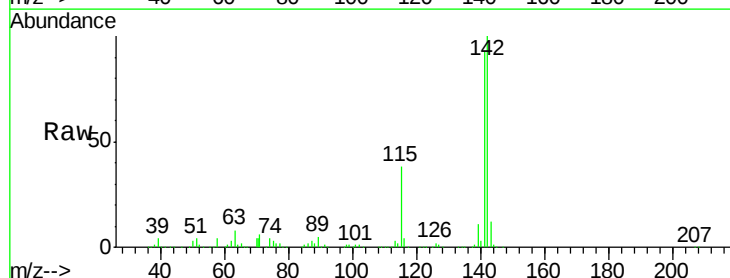
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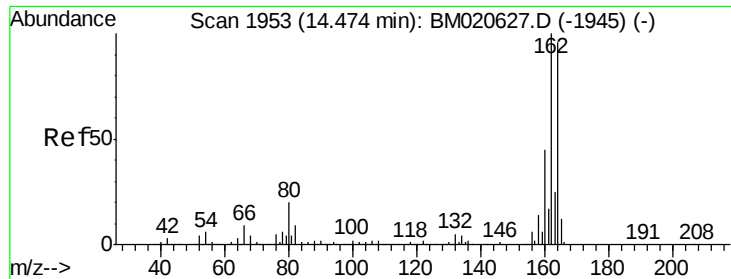
mohammad
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#38
1-Methylnaphthalene
Concen: 39.143 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

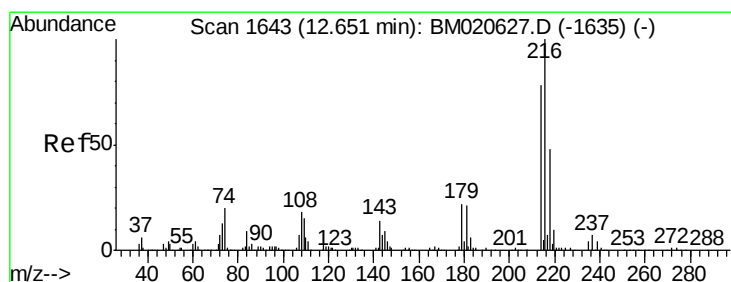
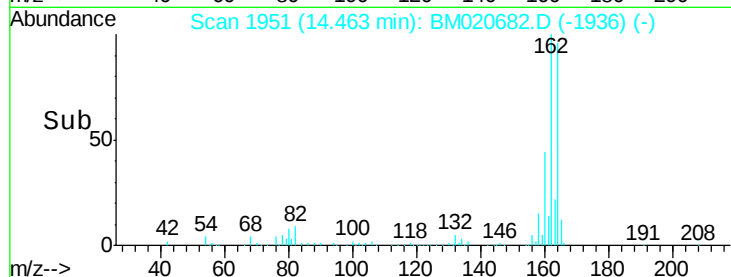
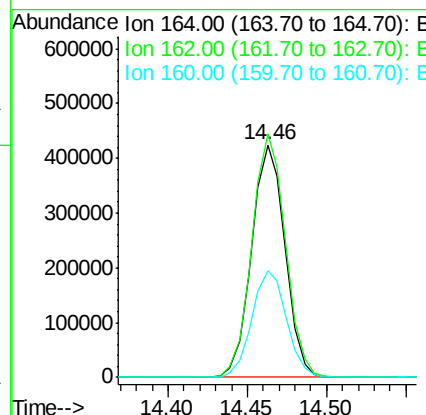
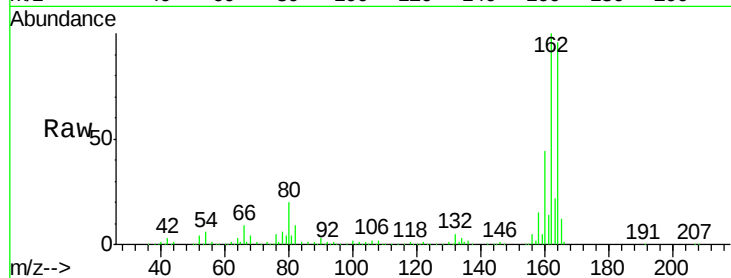
ClientSampleId :

PB120177BS

Tot Ion:	164	Resp:	619690
Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.2	124.8
160	45.8	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.667 ng

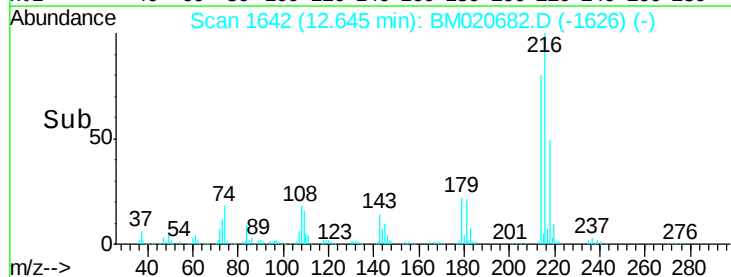
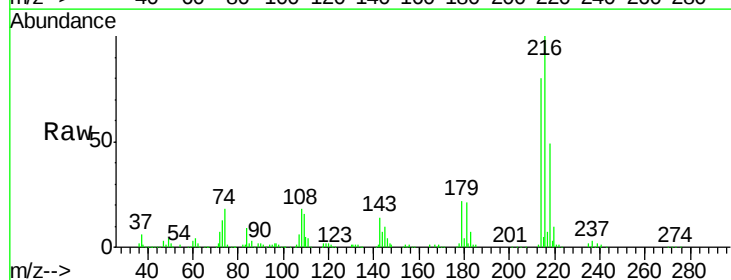
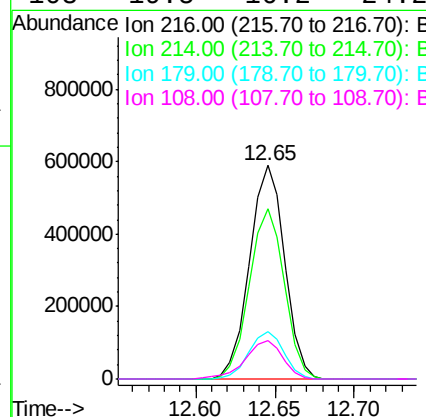
RT: 12.65 min Scan# 1642

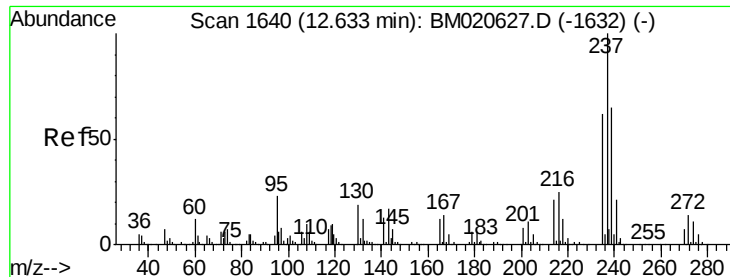
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion:	216	Resp:	907087
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.5	17.9	26.9
108	19.5	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 35.810 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

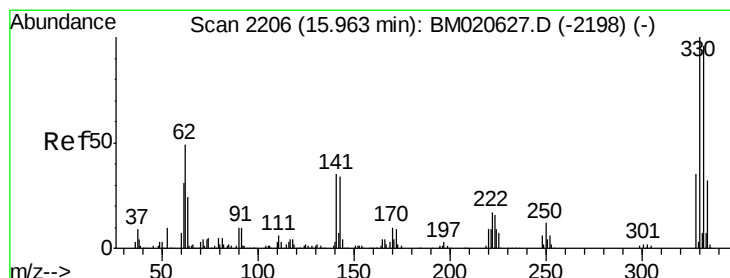
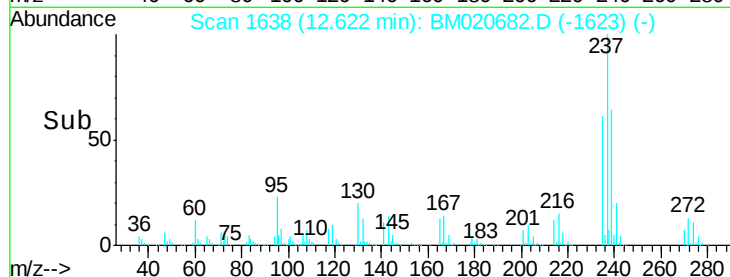
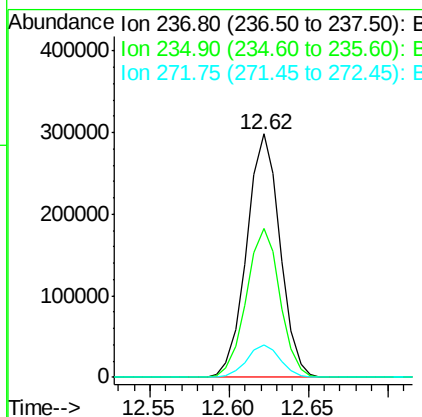
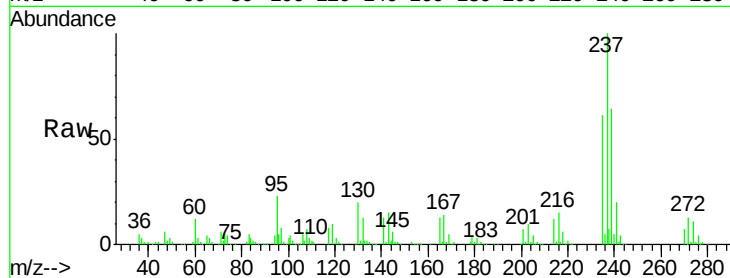
ClientSampleId :

PB120177BS

Tot Ion:	237	Resp:	434935
Ion Ratio	Lower	Upper	
237	100		
235	61.2	42.1	82.1
272	13.1	0.0	33.5

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#42

2,4,6-Tribromophenol

Concen: 71.705 ng

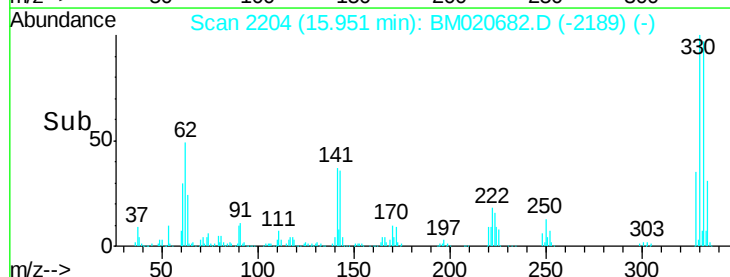
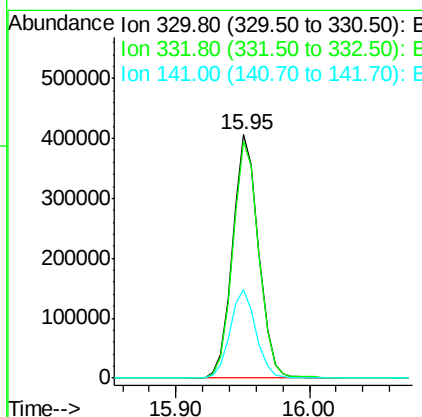
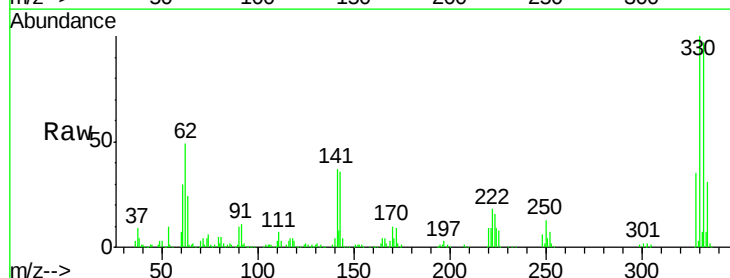
RT: 15.95 min Scan# 2204

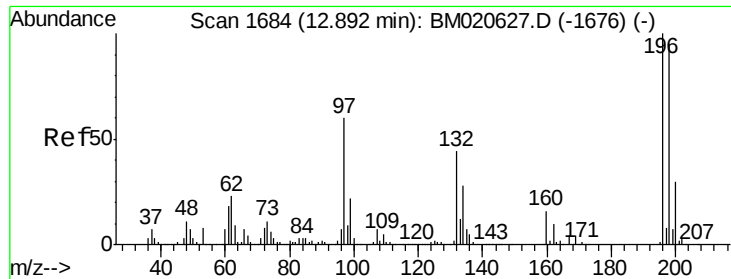
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion:	330	Resp:	550548
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.4	116.0
141	36.5	30.4	45.6





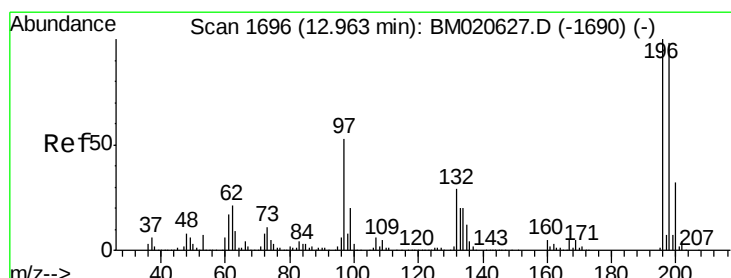
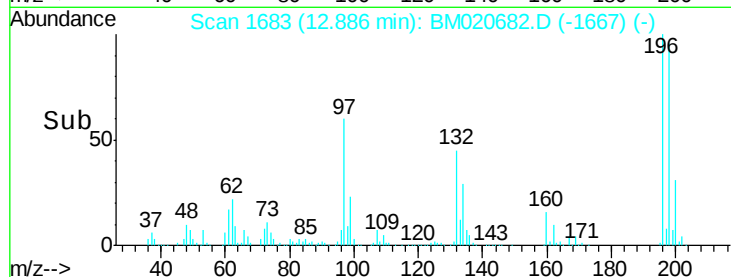
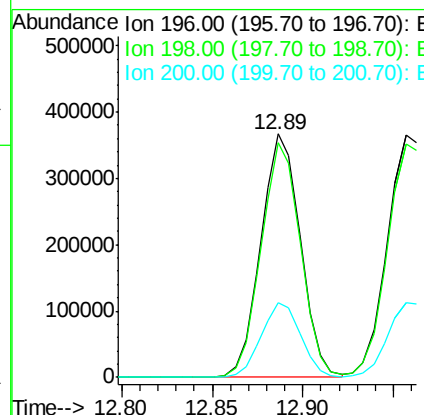
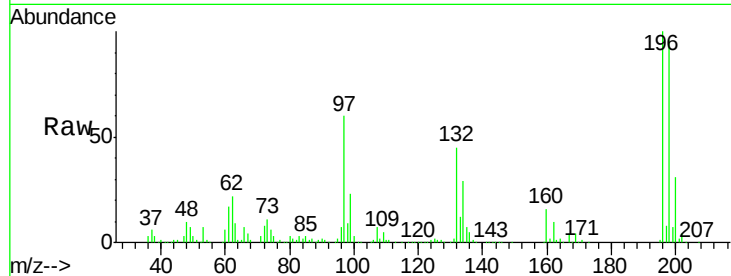
#43
 2,4,6-Trichlorophenol
 Concen: 42.531 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	555955		
198	96.4	75.7	113.5	
200	30.8	23.9	35.9	

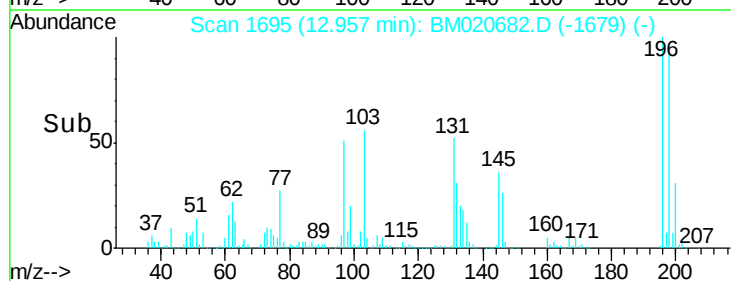
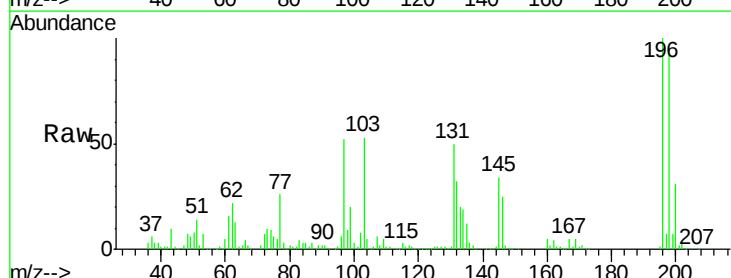
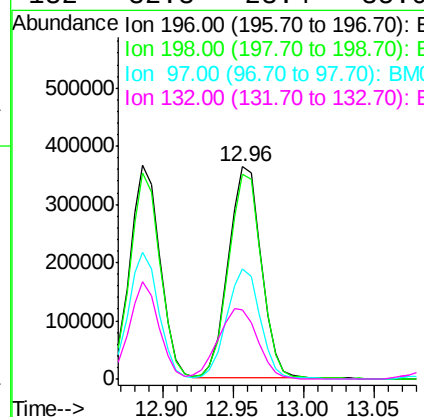
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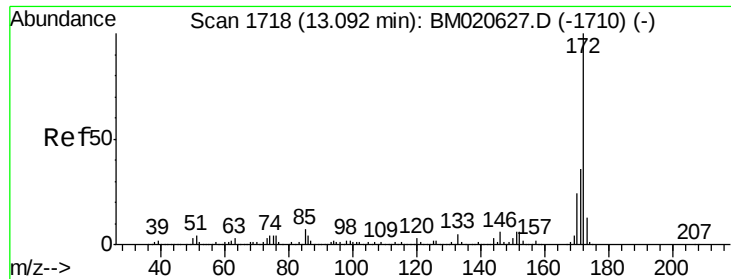
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#44
 2,4,5-Trichlorophenol
 Concen: 43.837 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	591586		
198	96.1	78.6	117.8	
97	52.0	42.7	64.1	
132	32.3	23.4	35.0	





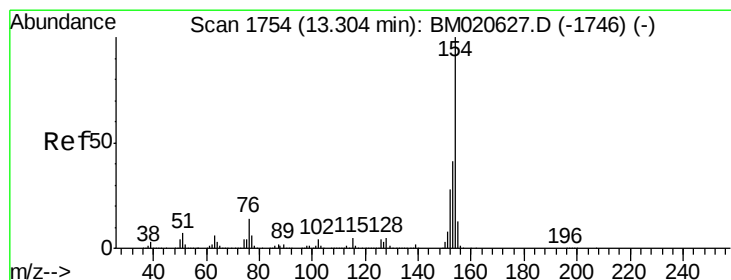
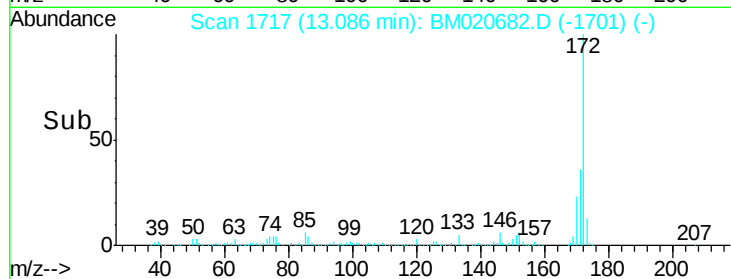
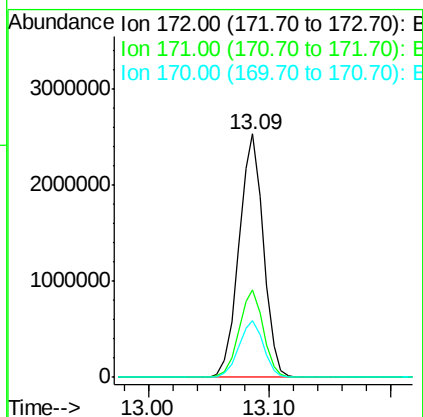
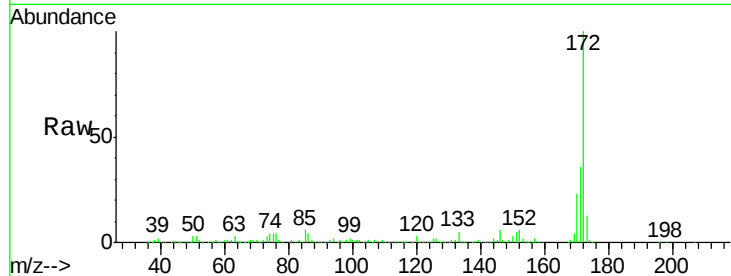
#45
2-Fluorobiphenyl
Concen: 76.170 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.2	18.9	28.3

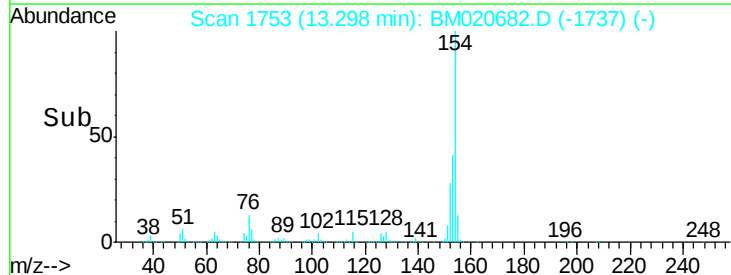
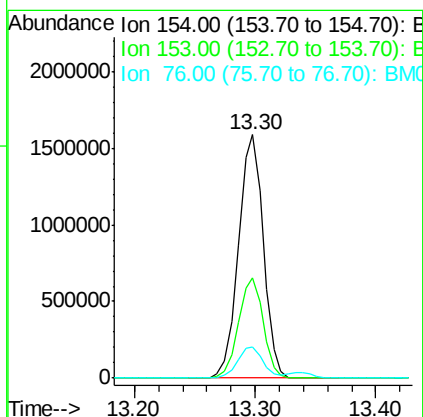
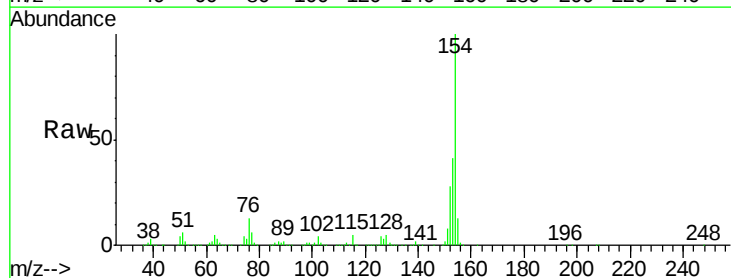
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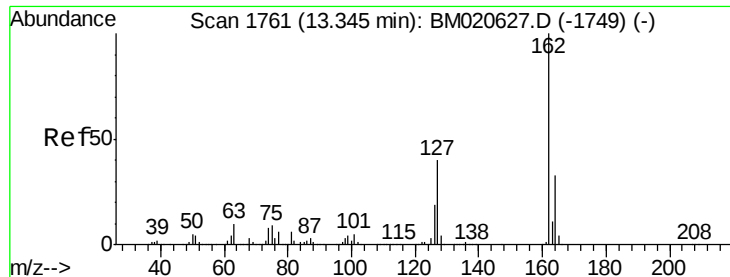
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#46
1,1'-Biphenyl
Concen: 43.951 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	12.8	0.0	34.0





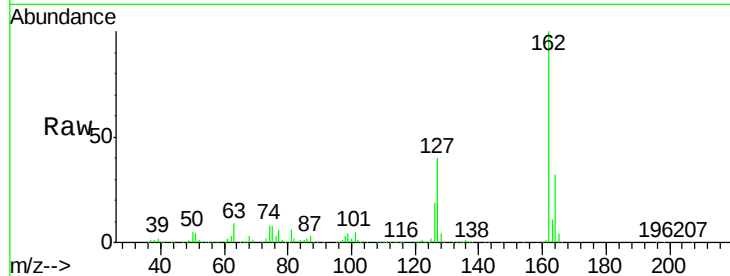
#47
2-Chloronaphthalene
Concen: 41.889 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

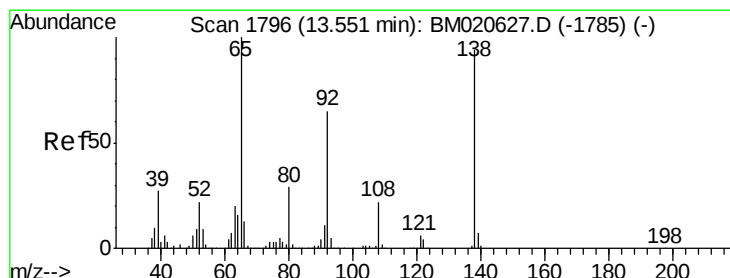
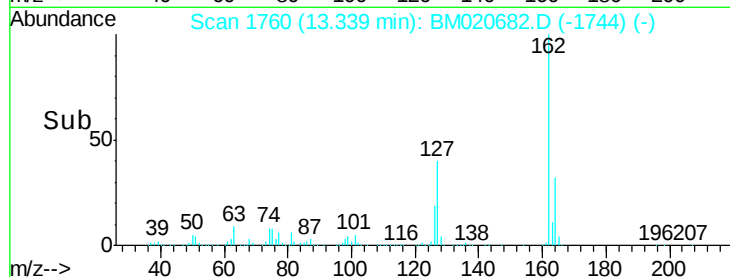
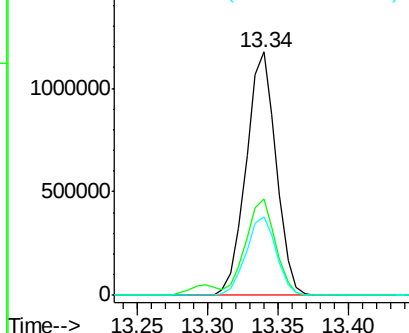
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.1	48.1
164	32.5	26.6	39.8

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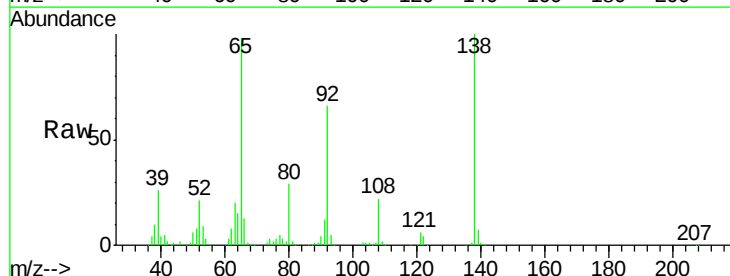


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

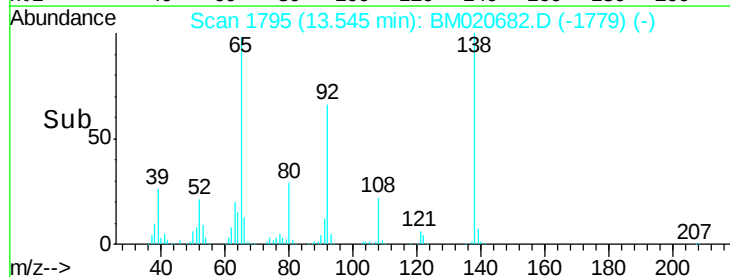
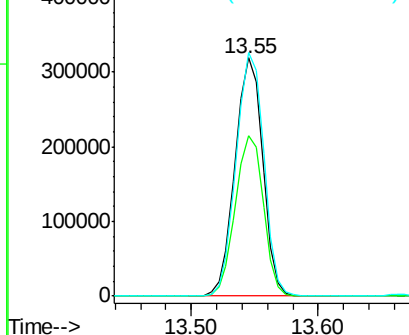


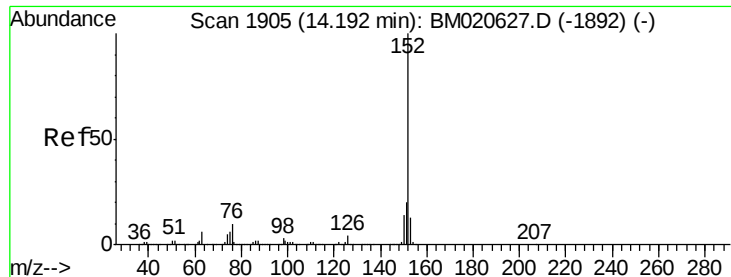
#48
2-Nitroaniline
Concen: 36.850 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	52.2	78.4
138	102.2	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: 40.716 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion:152 Resp: 2653688

Ion Ratio Lower Upper

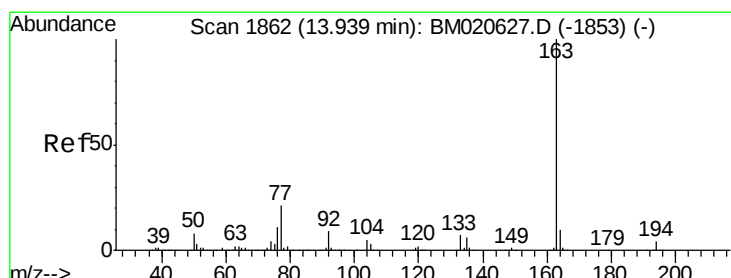
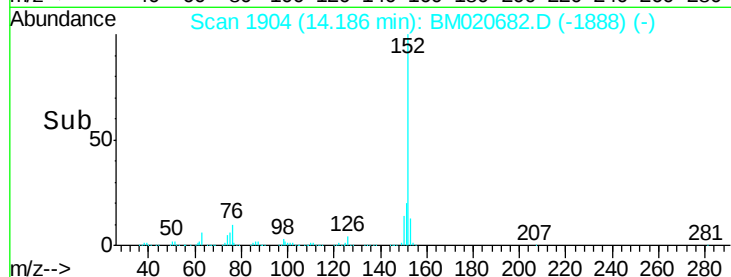
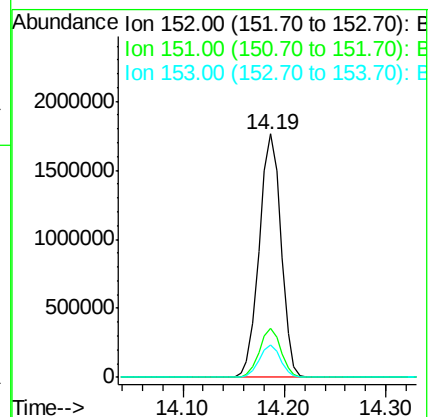
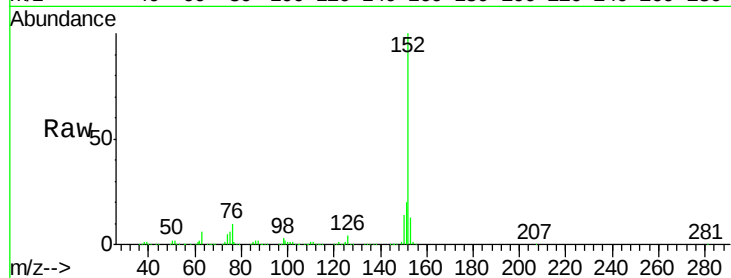
152 100

151 20.2 16.2 24.2

153 13.1 10.6 15.8

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#50

Dimethylphthalate

Concen: 37.612 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

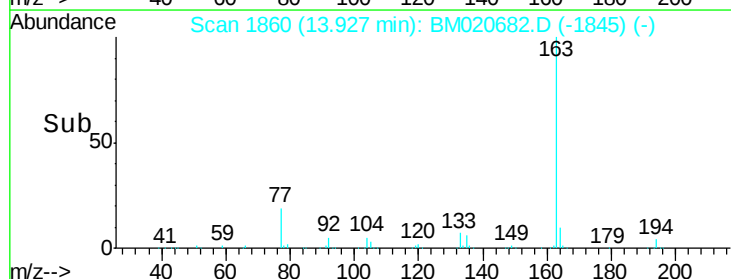
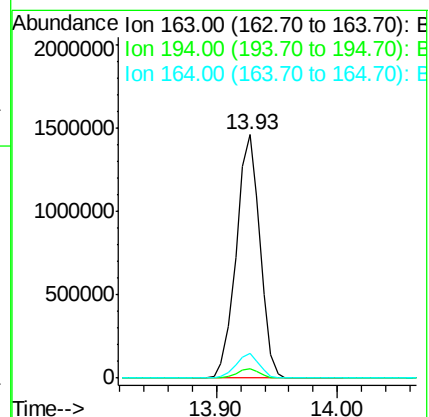
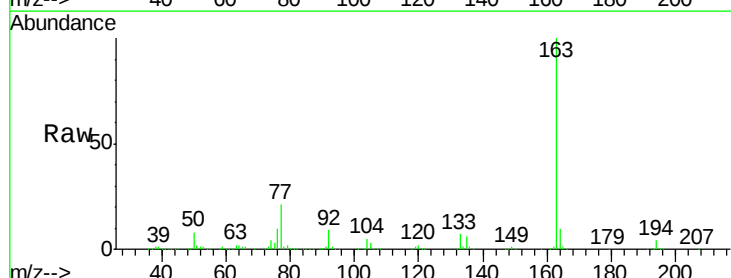
Tgt Ion:163 Resp: 1991320

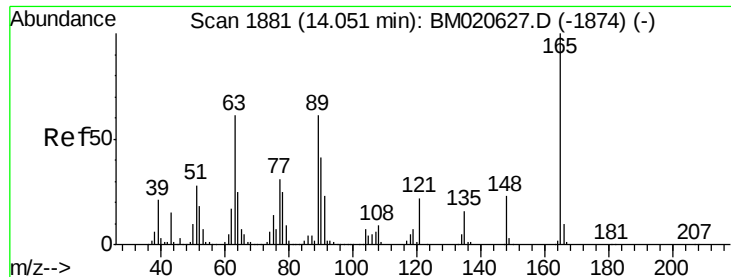
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.374 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

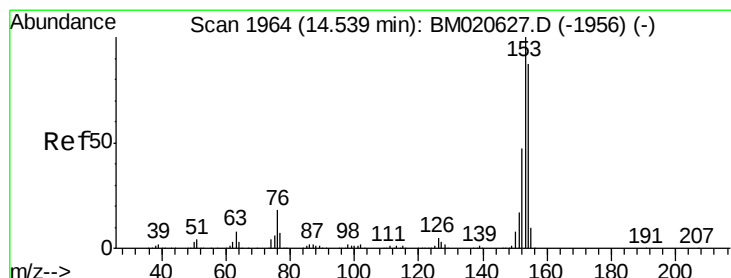
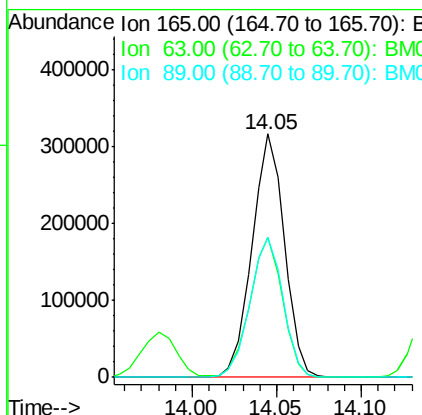
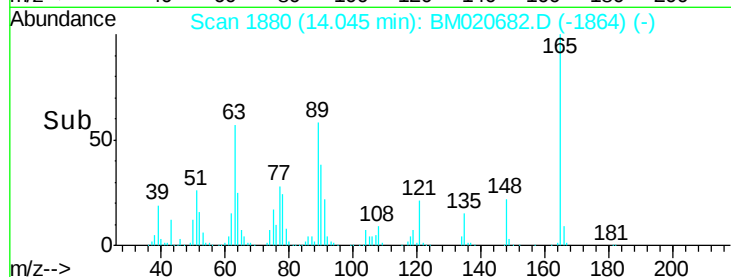
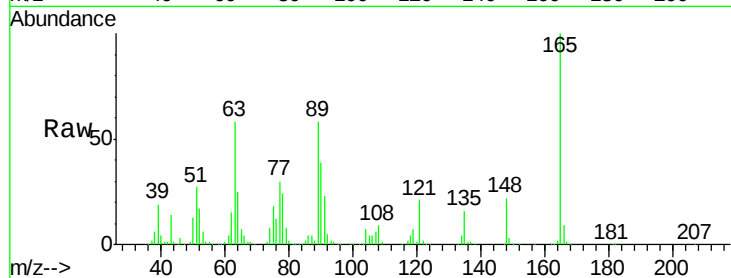
ClientSampleId :

PB120177BS

Tot Ion:	165	Resp:	423273
Ion Ratio	Lower	Upper	
165	100		
63	57.5	50.4	75.6
89	57.7	49.1	73.7

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#52

Acenaphthene

Concen: 40.668 ng

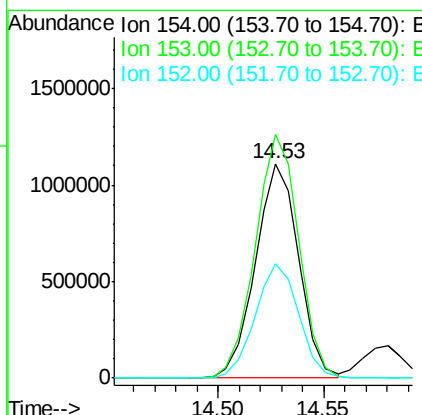
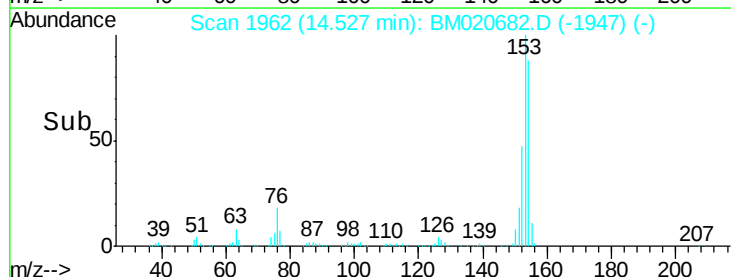
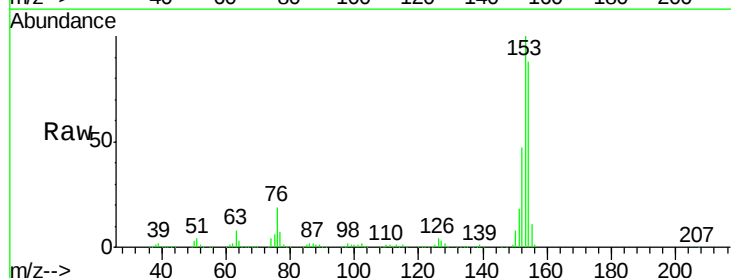
RT: 14.53 min Scan# 1962

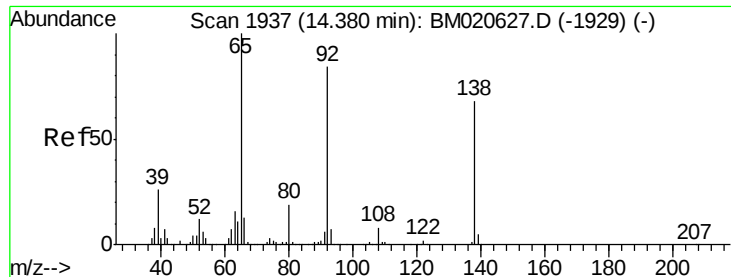
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion:	154	Resp:	1579551
Ion Ratio	Lower	Upper	
154	100		
153	113.4	92.4	138.6
152	53.5	43.4	65.0





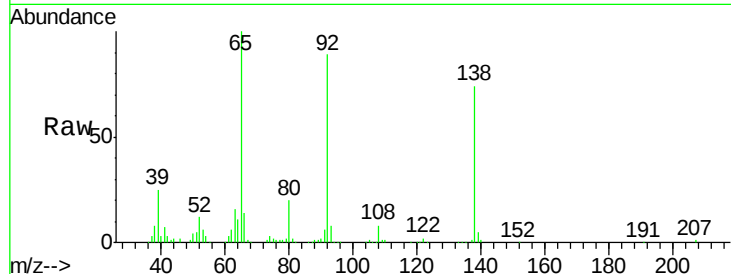
#53
3-Nitroaniline
Concen: 24.955 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

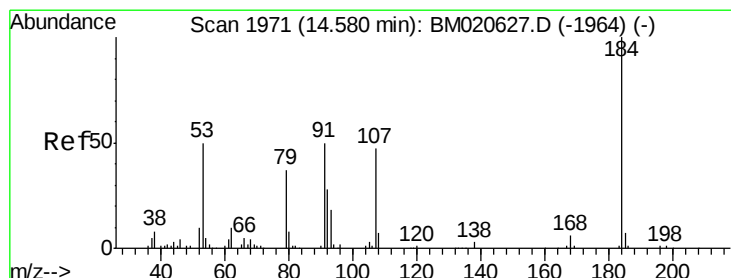
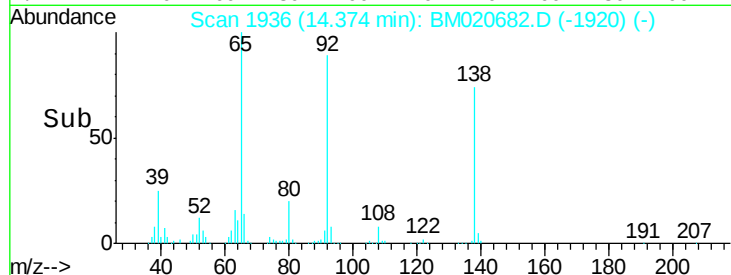
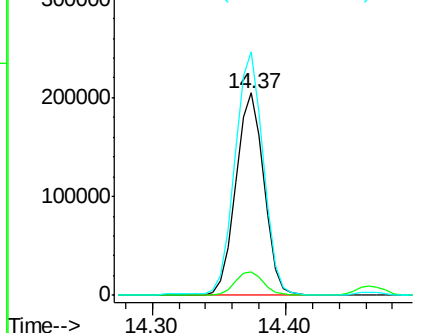
Tot Ion	Ratio	Resp	Lower	Upper
138	100	299440		
108	11.5	9.5	14.3	
92	120.4	99.6	149.4	

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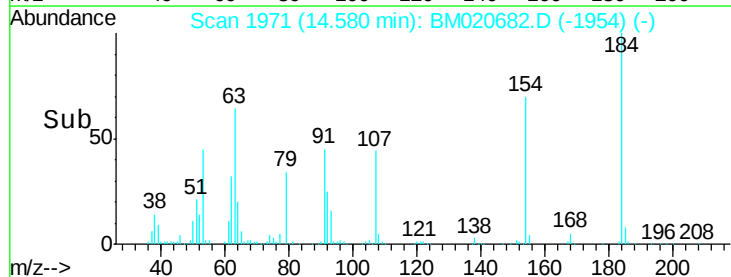
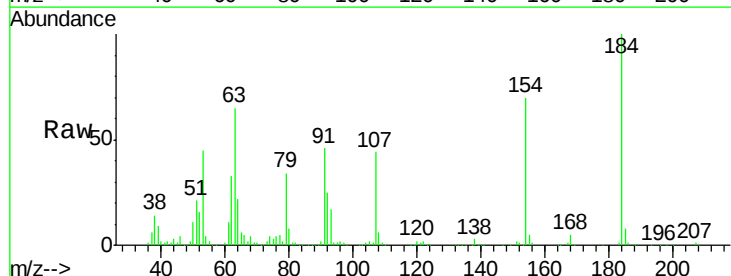
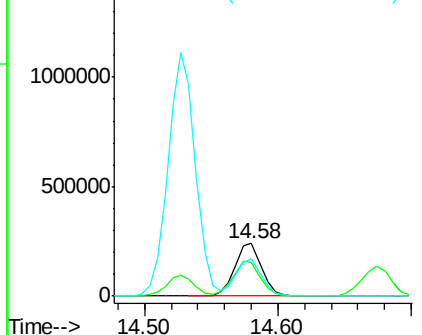
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

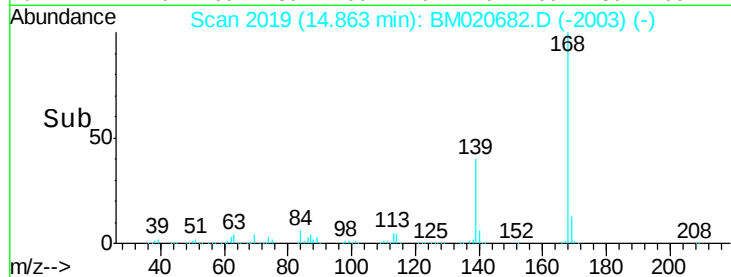
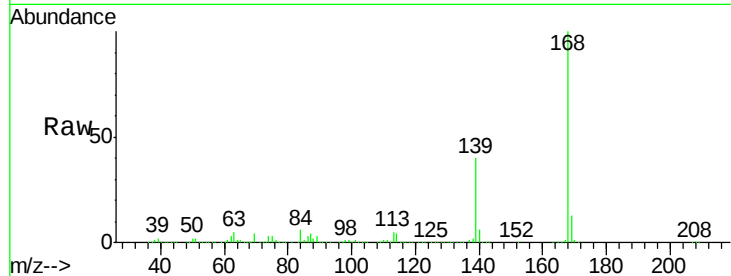
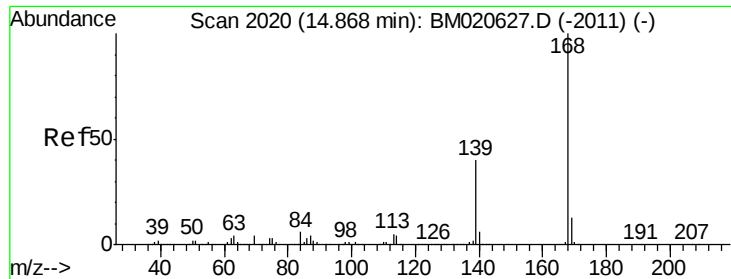


#54
2,4-Dinitrophenol
Concen: 73.685 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	337860		
63	64.5	59.3	88.9	
154	70.1	56.5	84.7	

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





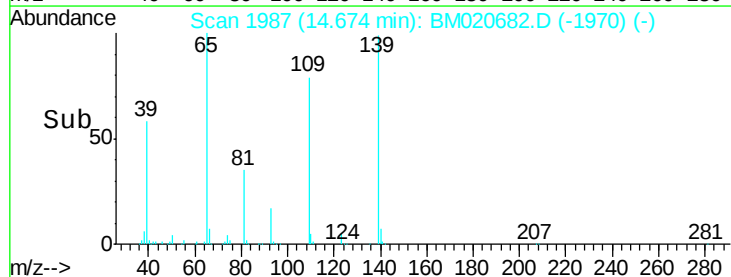
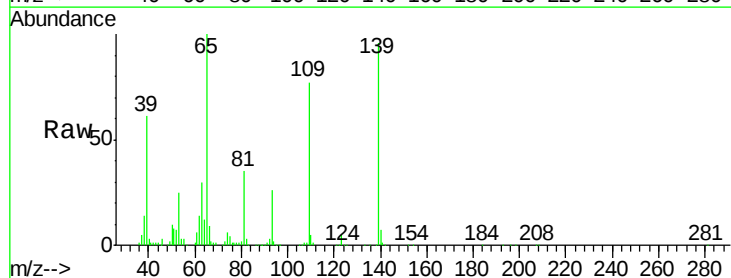
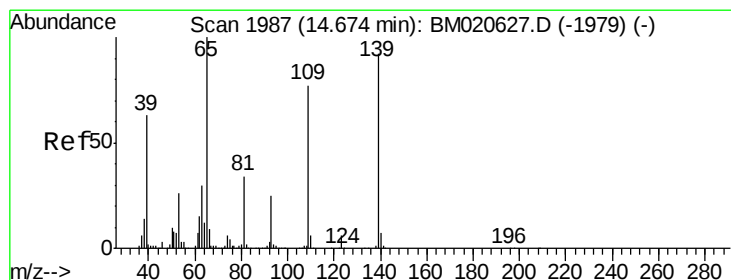
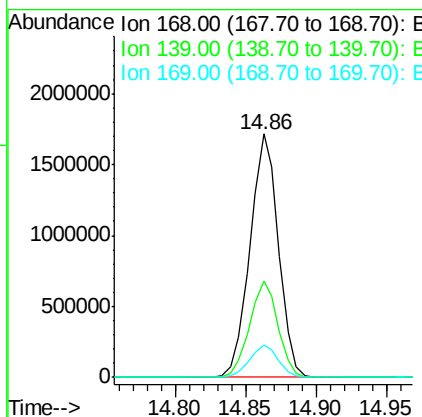
#55
Dibenzofuran
Concen: 40.121 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.9	47.9
169	13.2	10.7	16.1

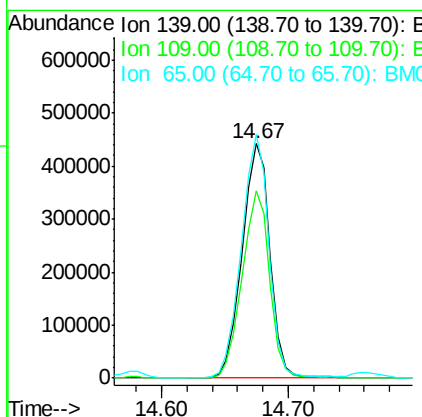
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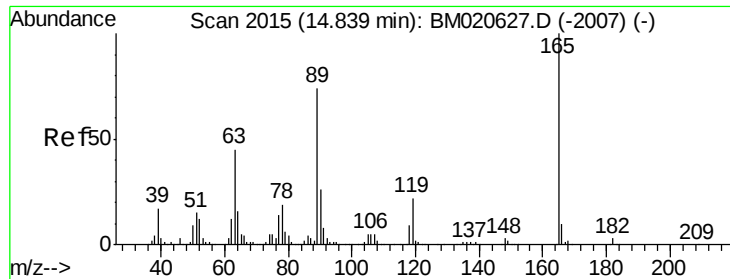
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#56
4-Nitrophenol
Concen: 76.139 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.9	62.7	102.7
65	103.8	88.3	128.3





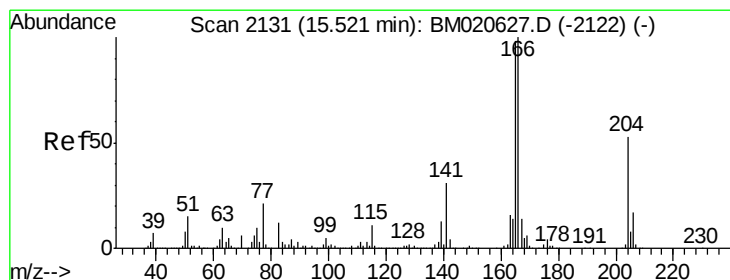
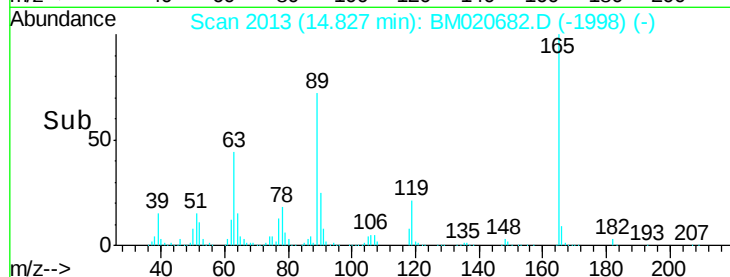
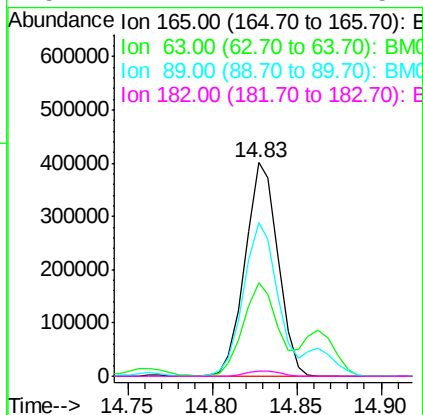
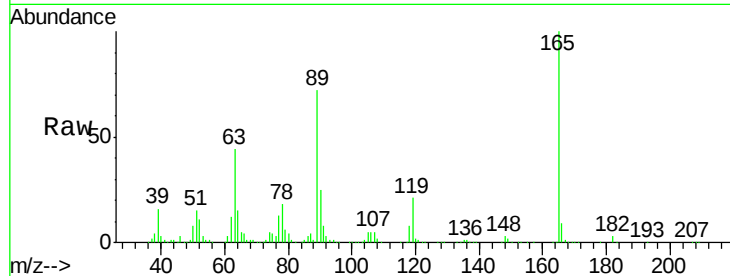
#57
2,4-Dinitrotoluene
Concen: 37.917 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	545768		
63	44.0	36.3	54.5	
89	71.7	59.0	88.6	
182	2.7	2.2	3.4	

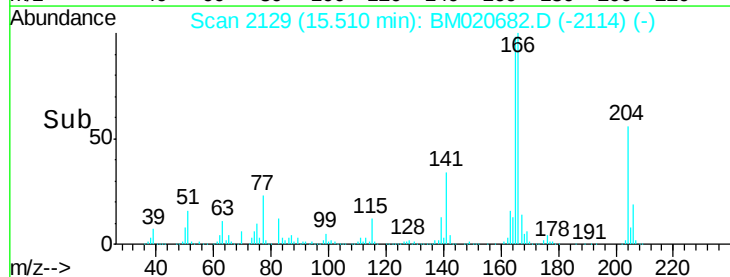
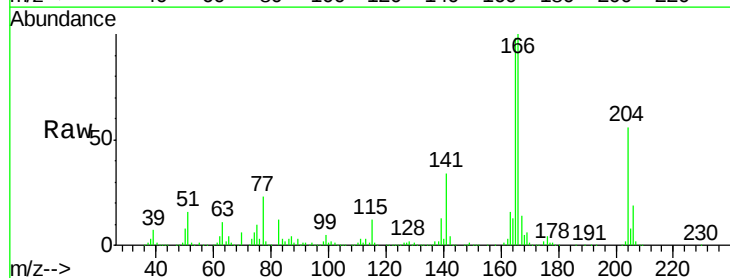
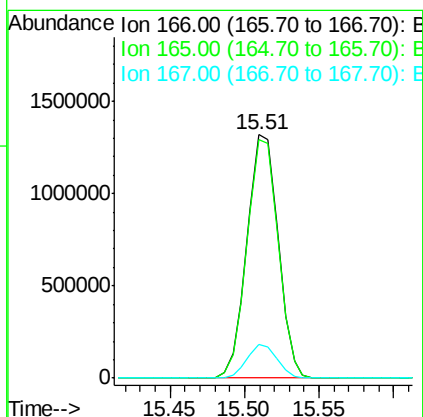
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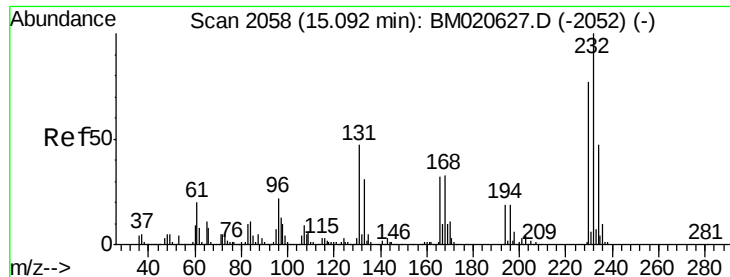
mohammad
6/5/2019 8:46:13 AM



#58
Fluorene
Concen: 38.352 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1902544		
165	98.0	78.6	117.8	
167	13.9	11.0	16.4	





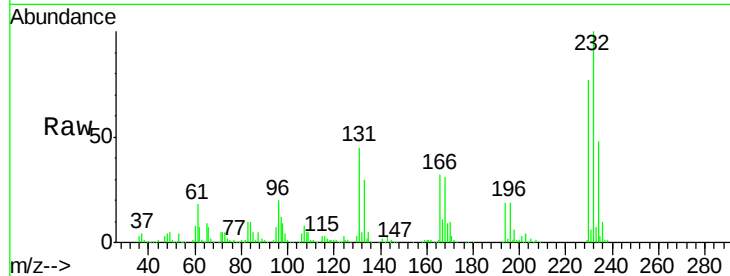
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.181 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

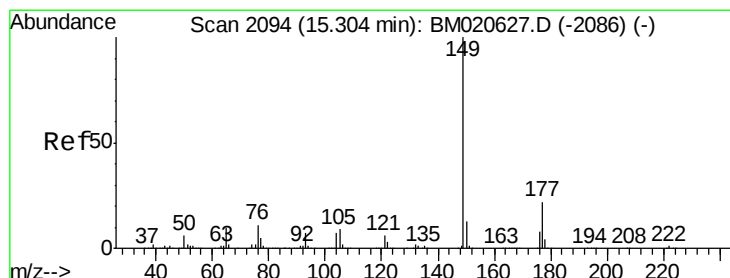
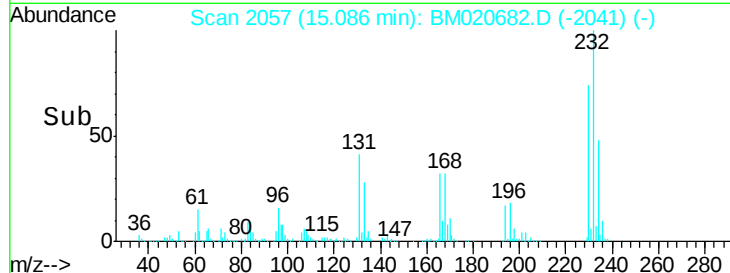
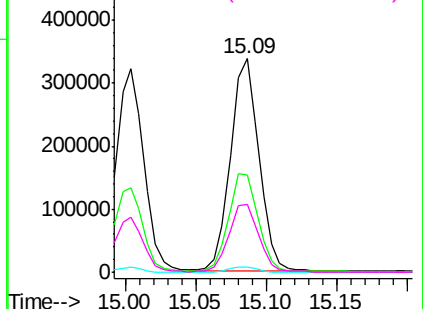
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.6	57.8
130	2.7	2.2	3.2
166	33.4	26.6	39.8

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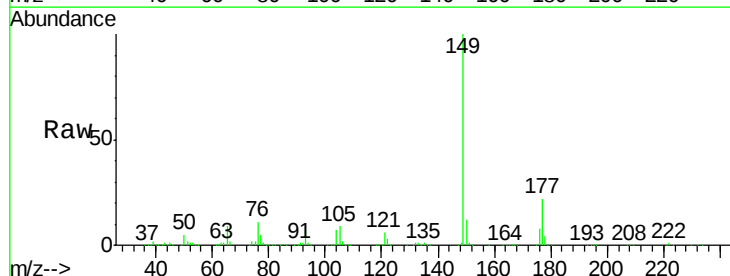


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

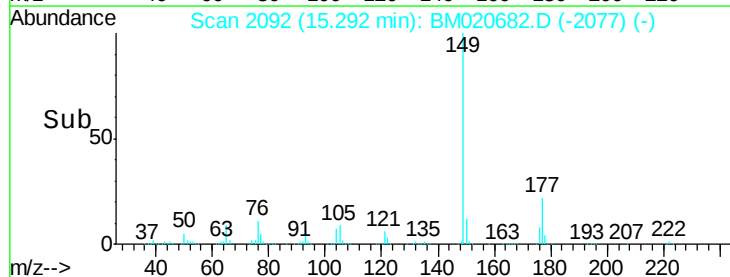
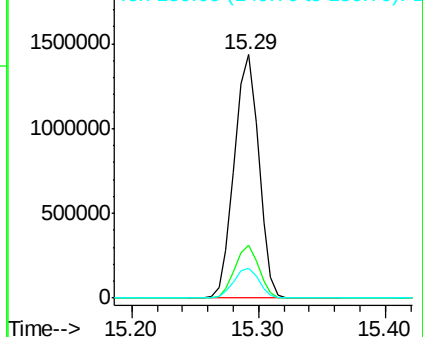


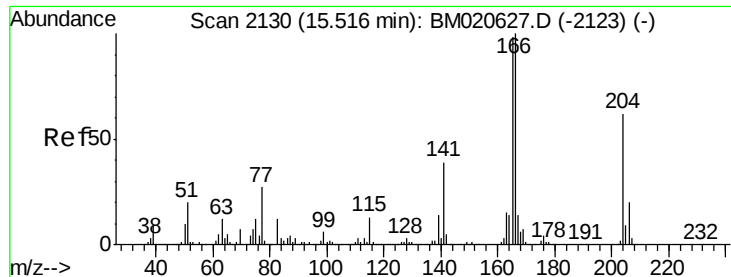
#60
 Diethylphthalate
 Concen: 35.105 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.2	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





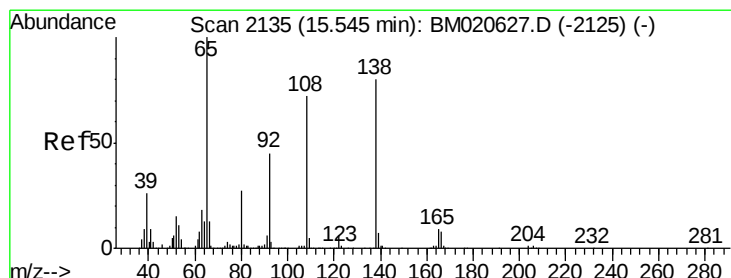
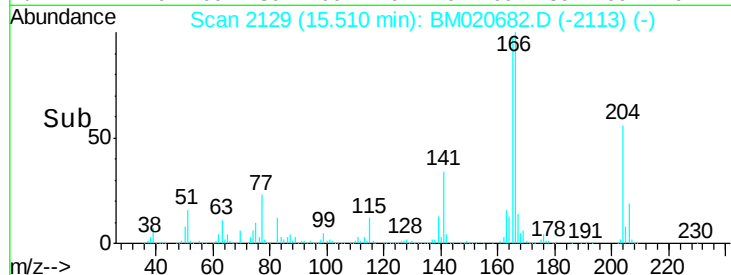
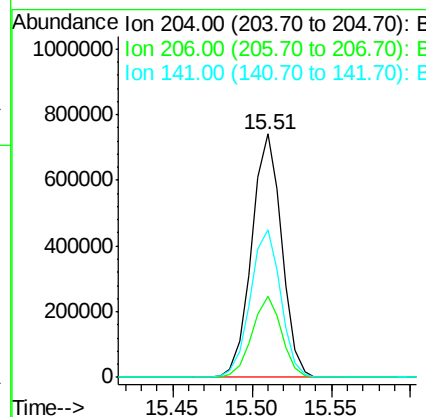
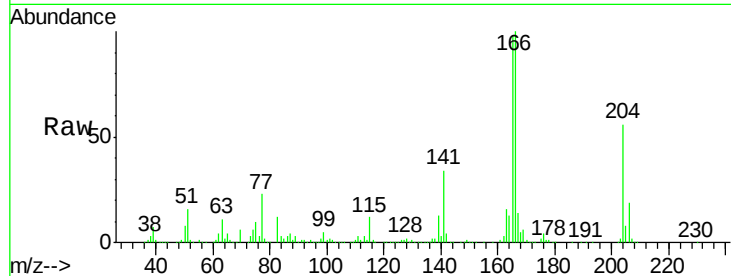
#61
4-Chlorophenyl-phenylether
Concen: 37.037 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	972812		
206	33.1	25.8	38.8	
141	60.8	50.2	75.4	

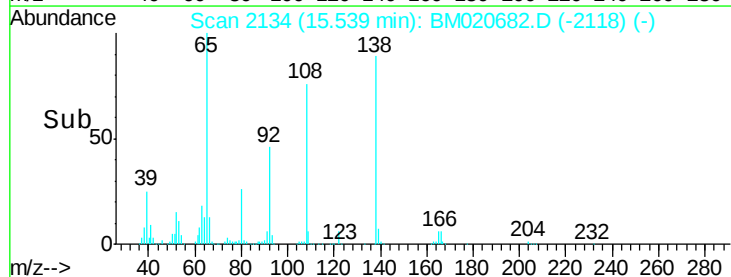
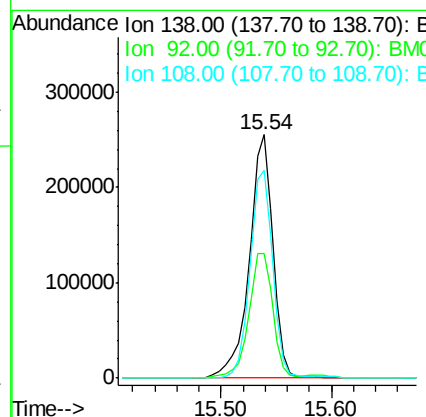
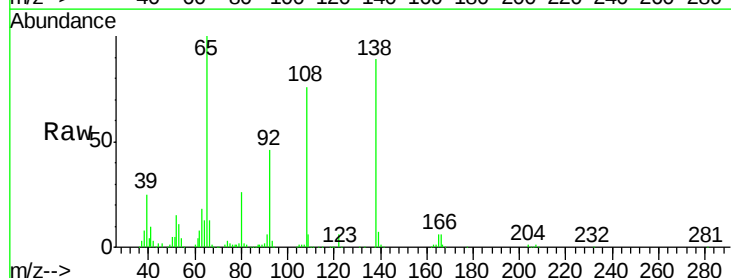
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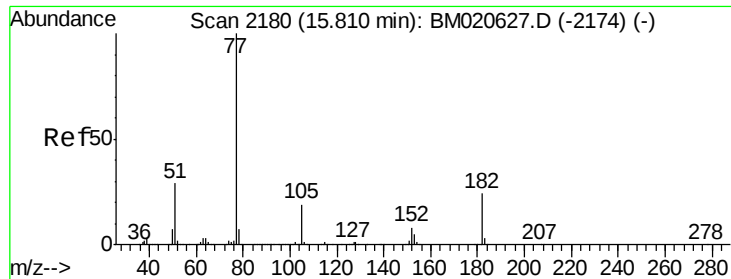
mohammad
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#62
4-Nitroaniline
Concen: 30.263 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	385122		
92	51.3	36.7	76.7	
108	85.5	70.3	110.3	





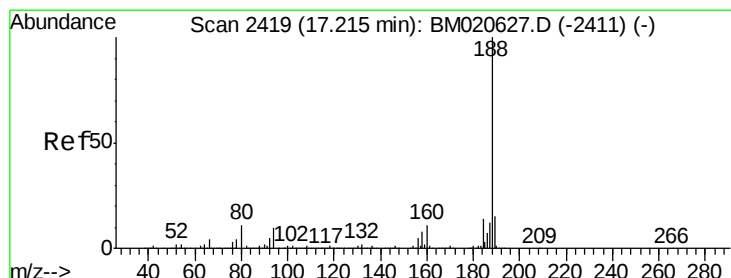
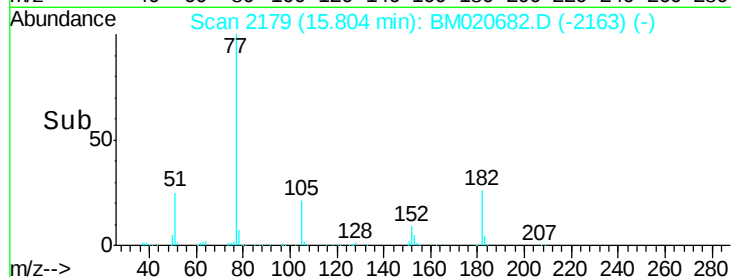
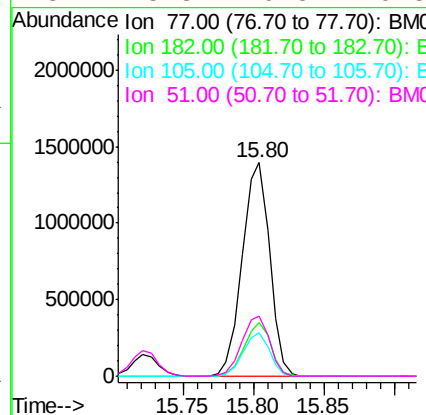
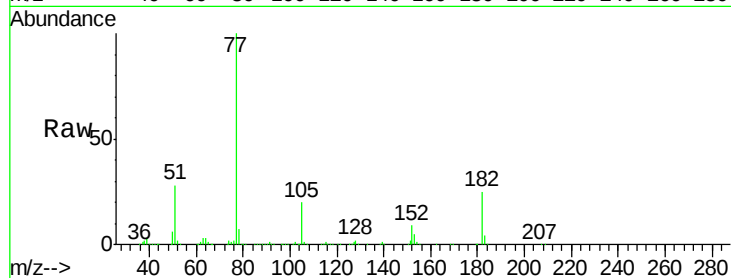
#63
Azobenzene
Concen: 36.131 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.1	3.6	43.6	
105	20.1	0.0	39.4	
51	28.3	9.5	49.5	

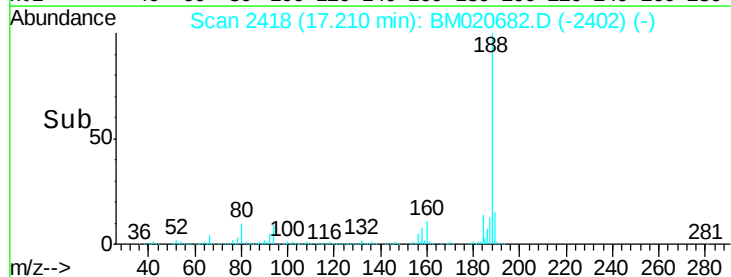
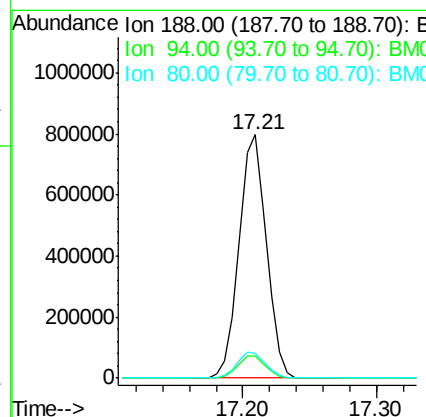
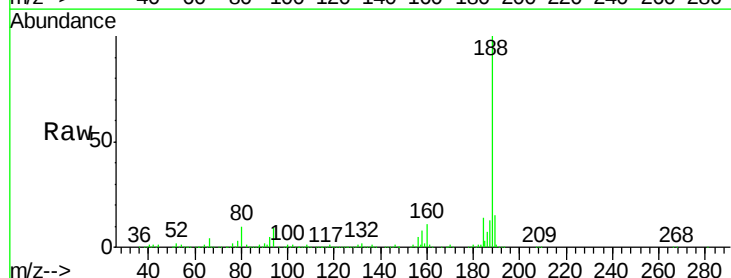
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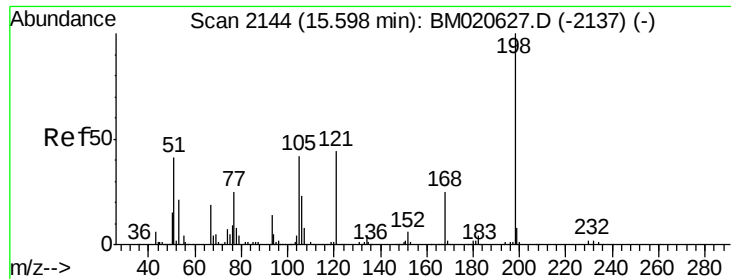
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.8	11.8	
80	10.3	9.0	13.6	





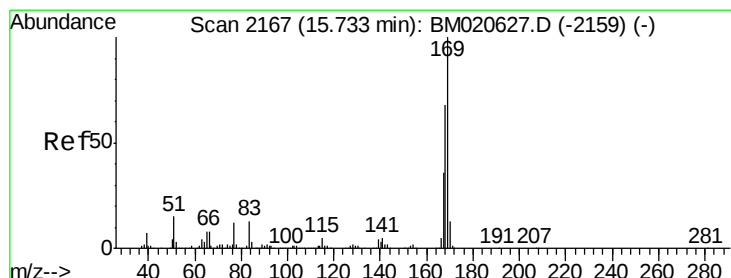
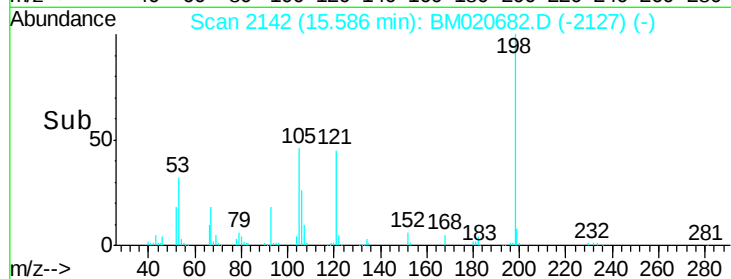
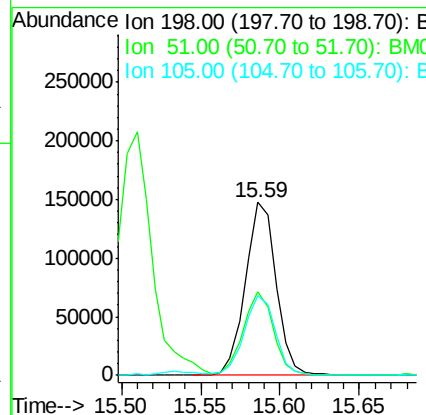
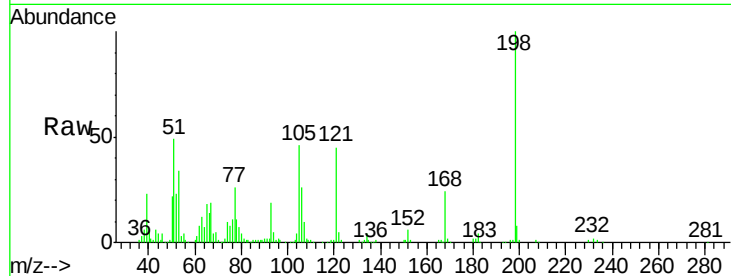
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.379 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.6	27.7	67.7
105	46.2	23.8	63.8

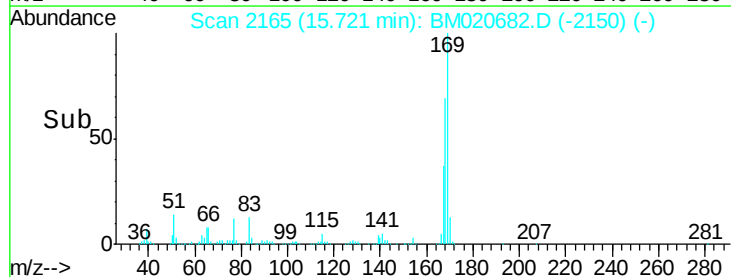
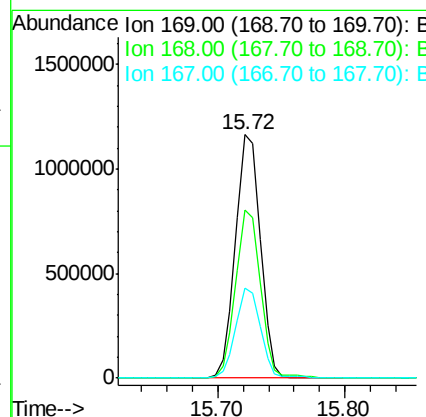
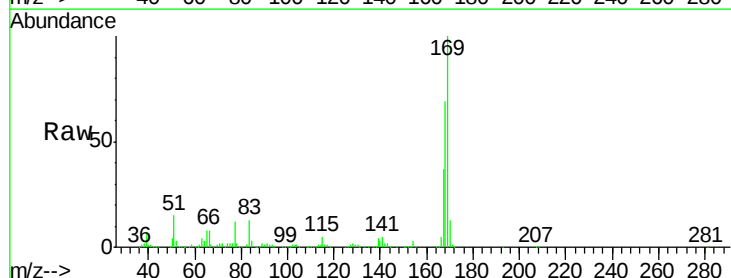
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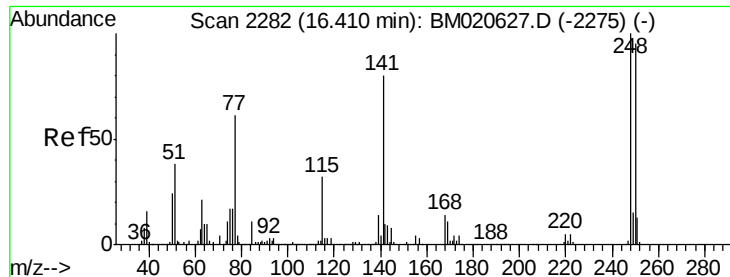
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 43.507 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.2	81.4
167	36.7	29.1	43.7





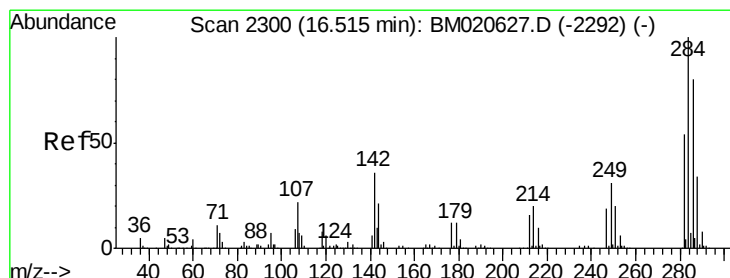
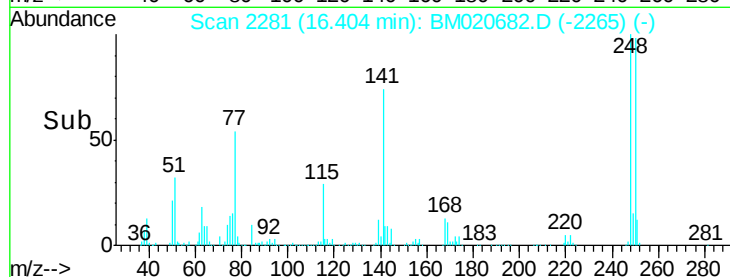
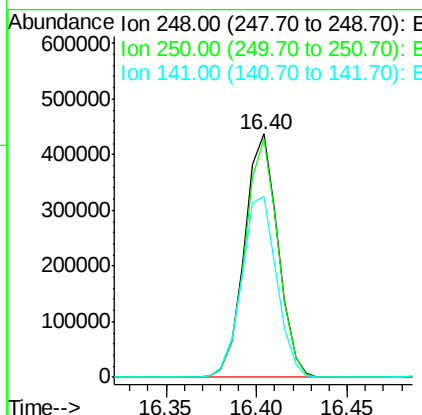
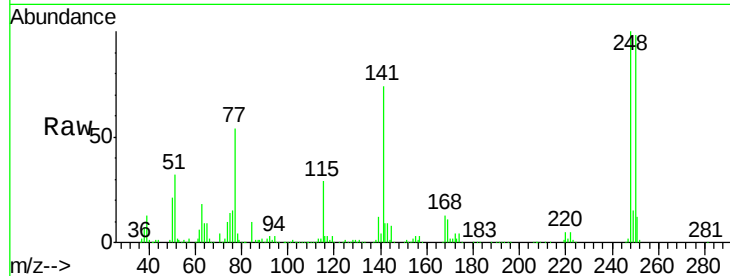
#67
4-Bromophenyl-phenylether
Concen: 41.859 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.3	114.5
141	74.3	64.2	96.2

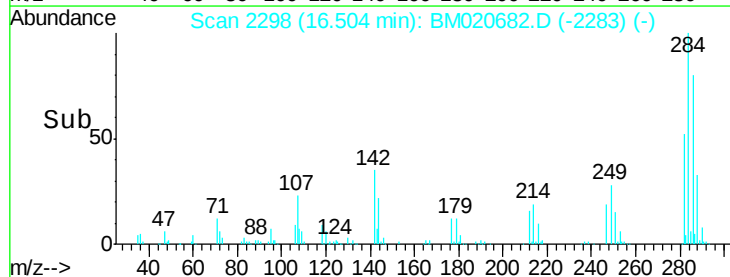
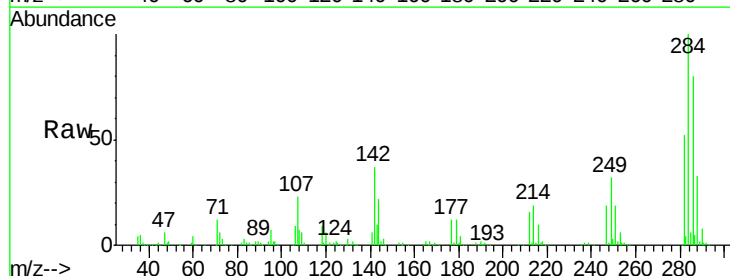
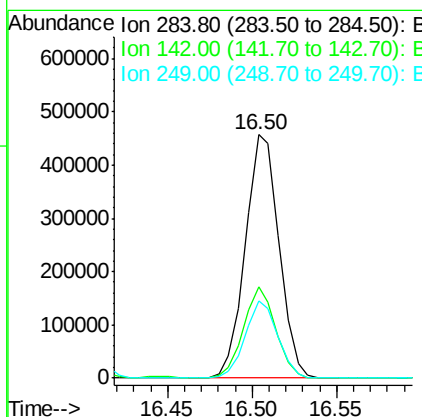
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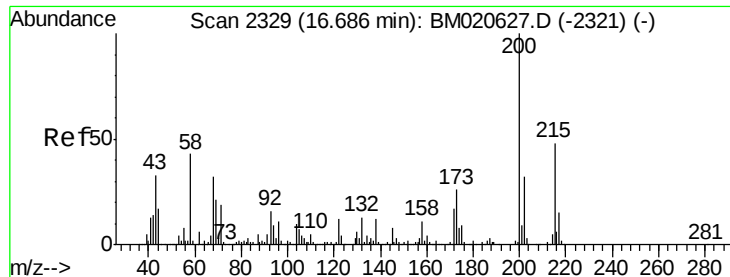
mohammad
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#68
Hexachlorobenzene
Concen: 40.796 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.4	28.6	42.8
249	31.6	25.0	37.4





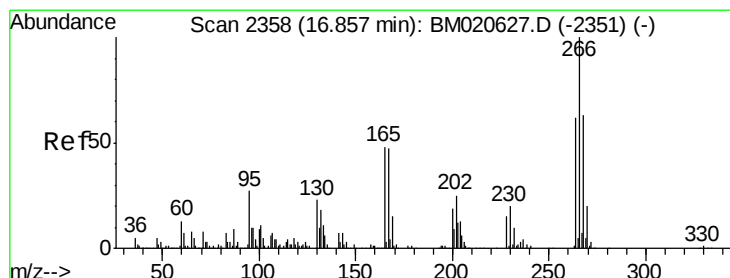
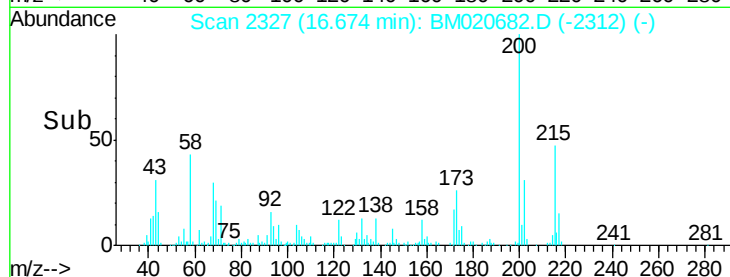
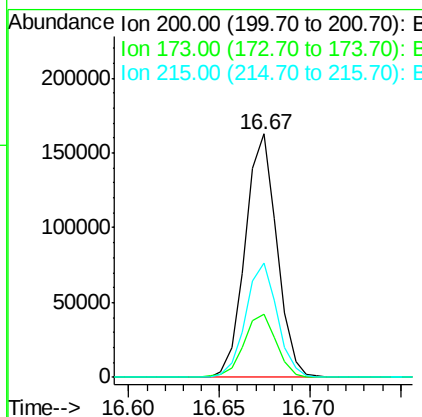
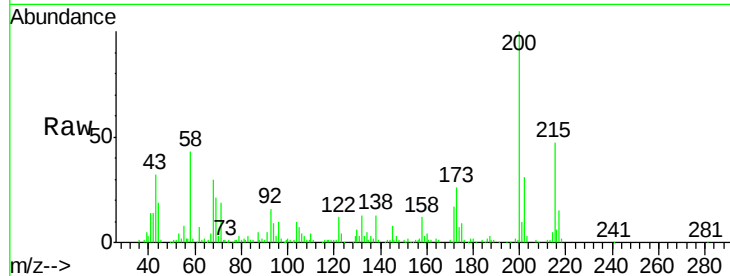
#69
Atrazine
Concen: 18.272 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.2	46.2
215	47.2	27.7	67.7

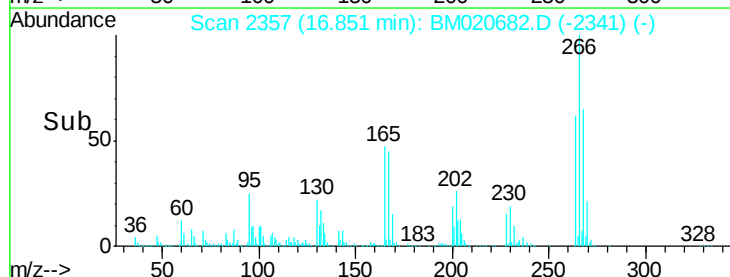
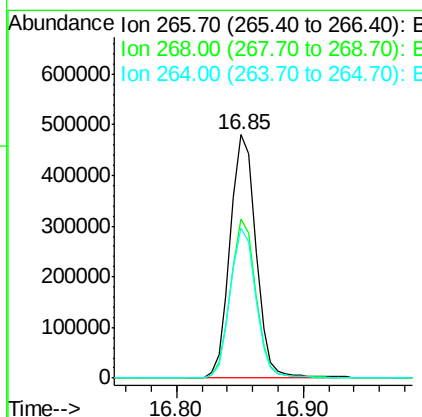
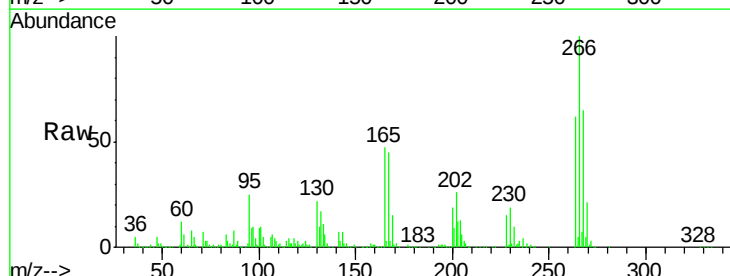
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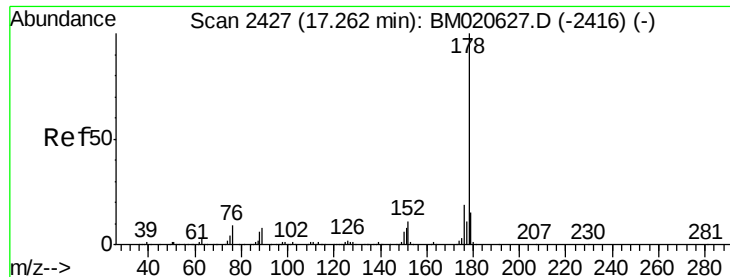
mohammad
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#70
Pentachlorophenol
Concen: 91.336 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.6	75.8
264	61.9	49.6	74.4





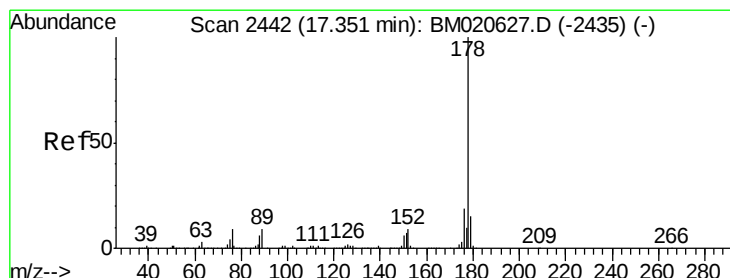
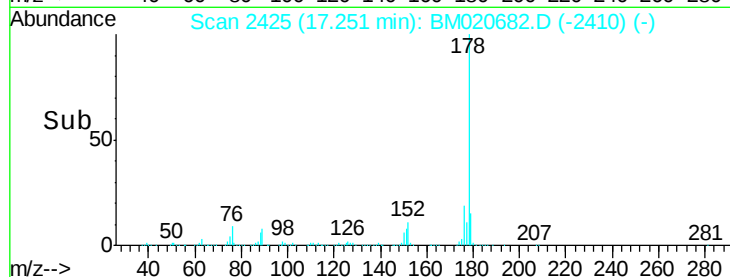
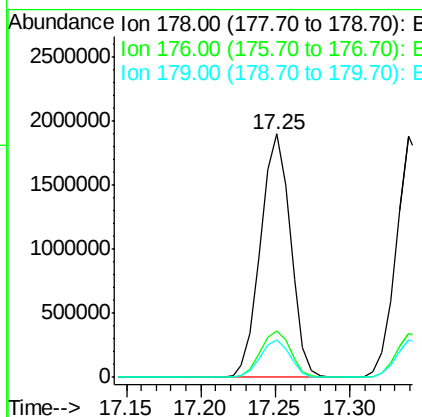
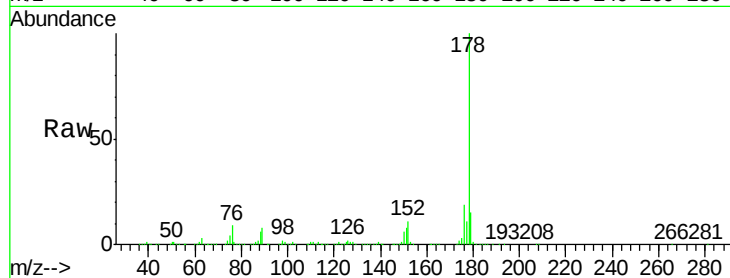
#71
Phenanthrene
Concen: 41.008 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.4	12.2	18.4

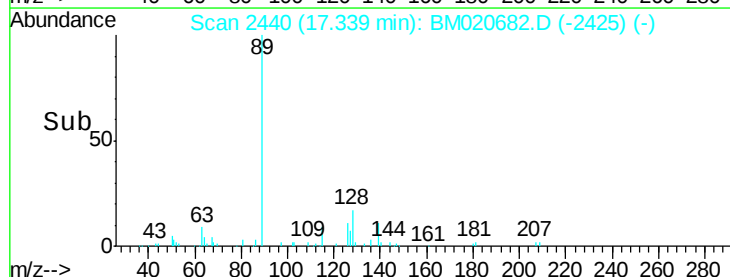
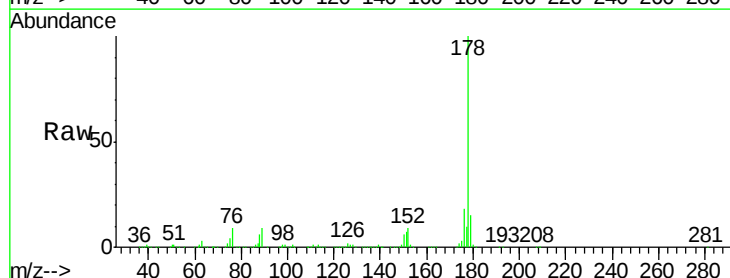
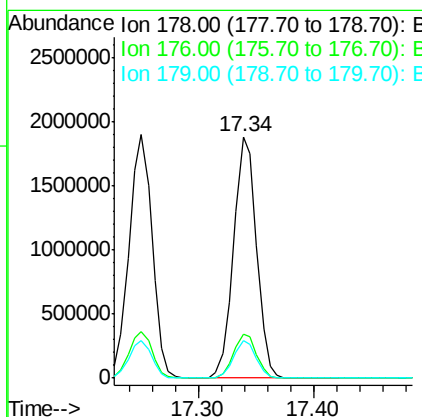
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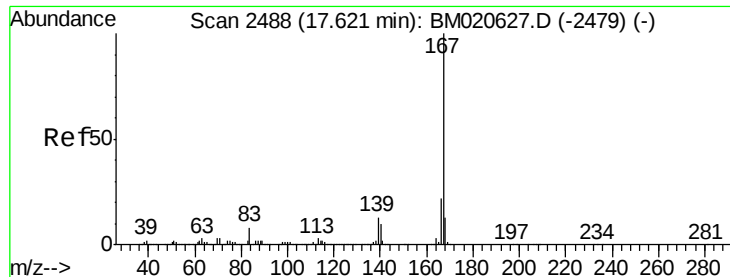
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#72
Anthracene
Concen: 40.101 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.3	12.3	18.5





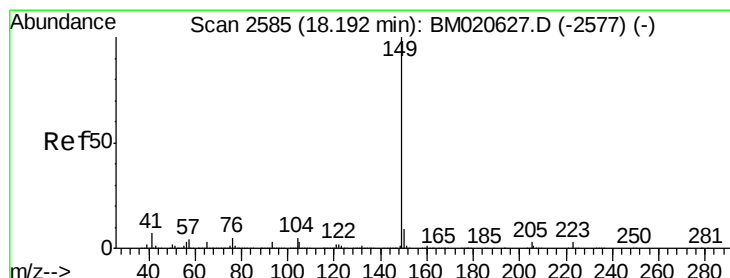
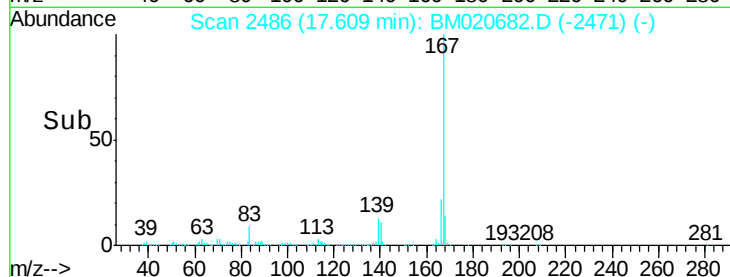
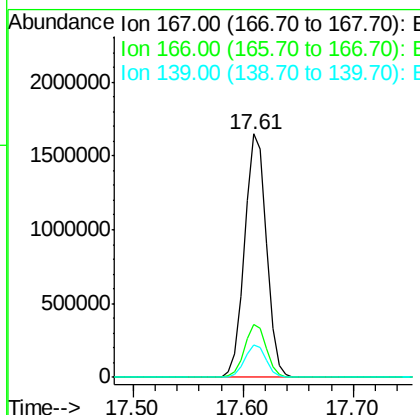
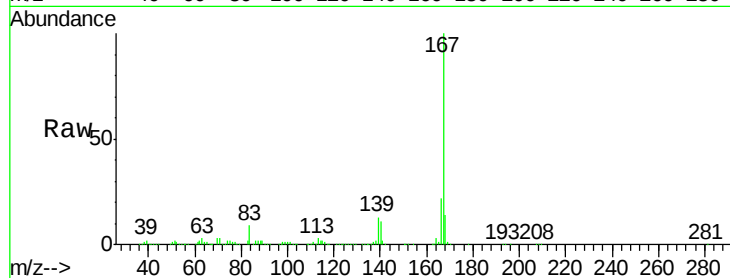
#73
 Carbazole
 Concen: 39.331 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.3	10.6	15.8

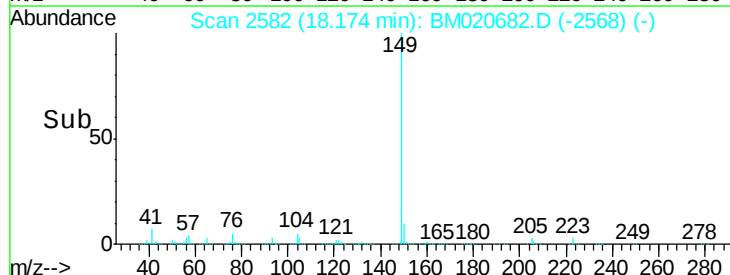
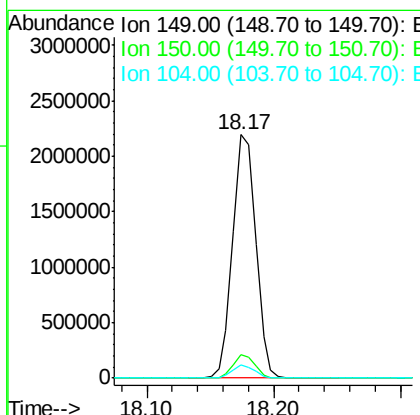
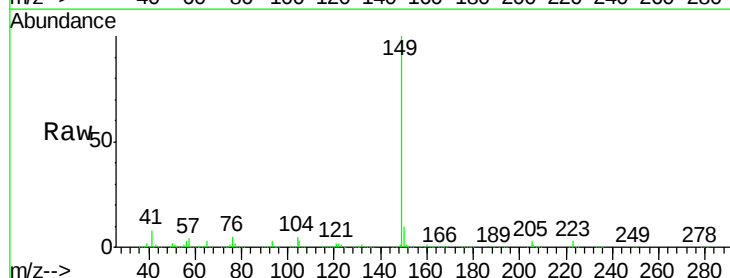
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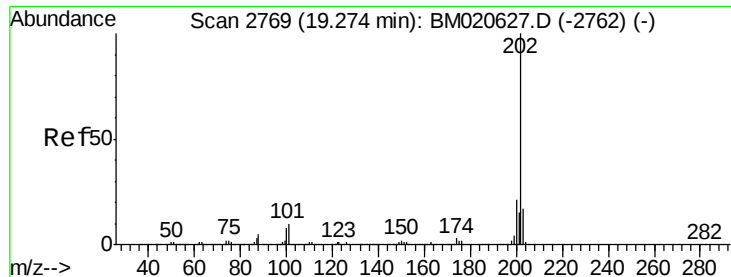
mohammad
 6/5/2019 8:46:13 AM



#74
 Di-n-butylphthalate
 Concen: 36.418 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 38.116 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

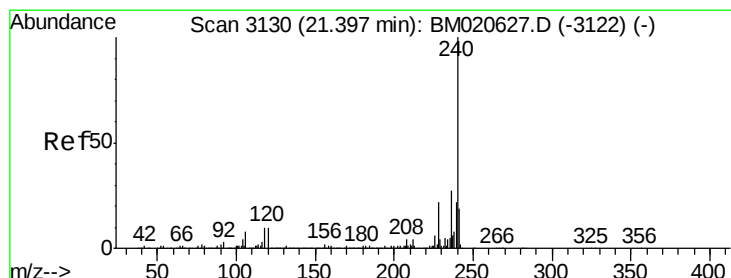
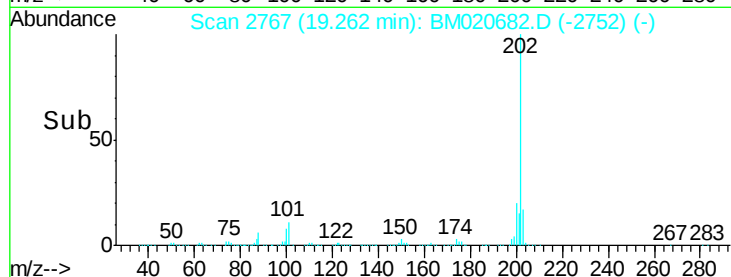
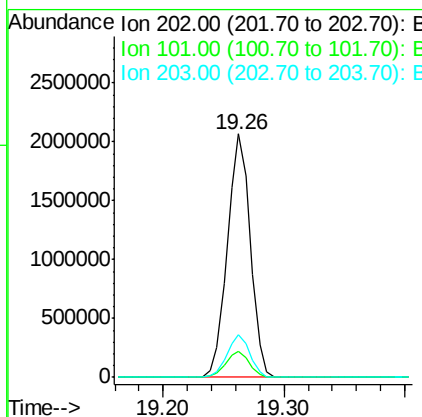
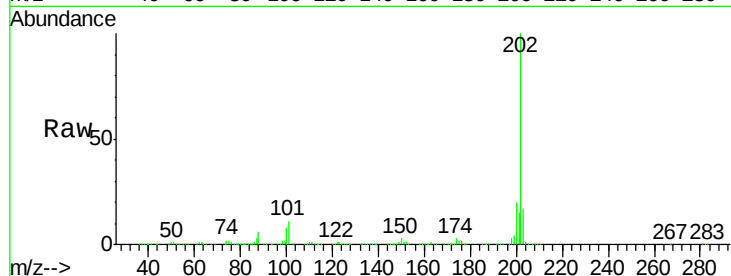
ClientSampleId :

PB120177BS

Tot Ion	Ion	Ratio	Lower	Upper
2723301	202	100		
	101	10.9	0.0	30.4
	203	17.3	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

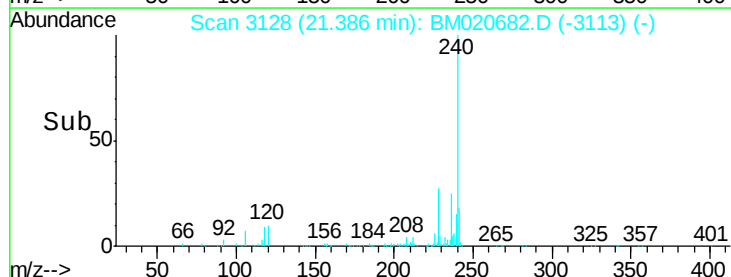
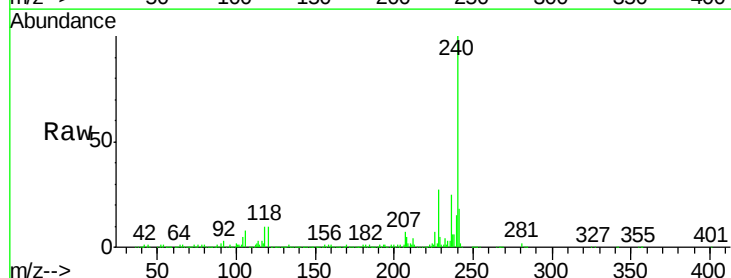
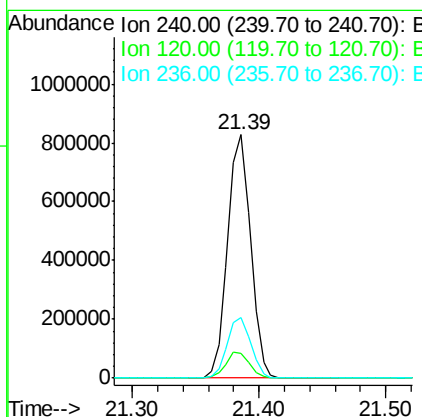
RT: 21.39 min Scan# 3128

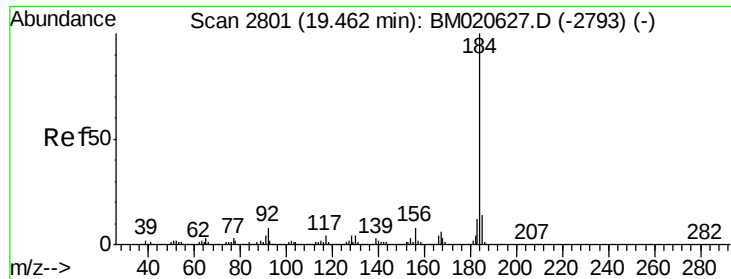
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
1039043	240	100		
	120	10.4	8.2	12.2
	236	25.1	21.2	31.8





#77

Benzidine

Concen: 5.327 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

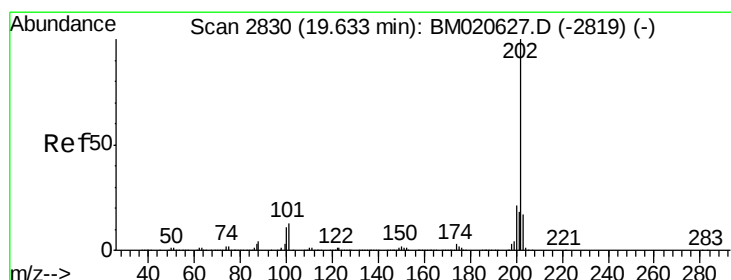
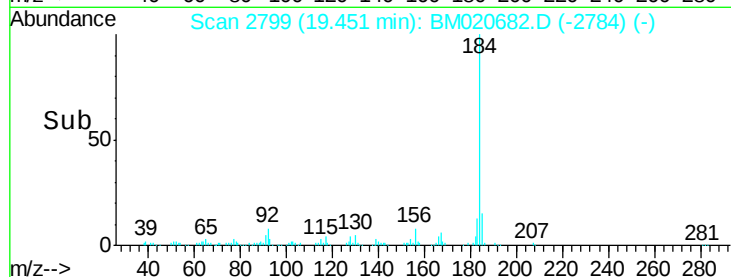
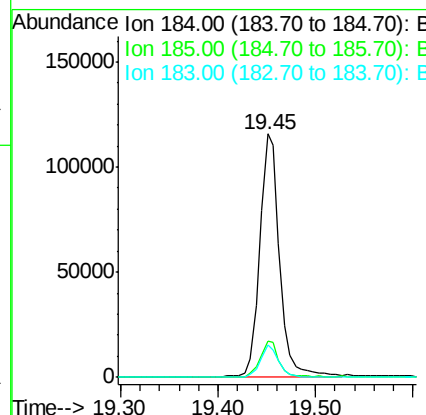
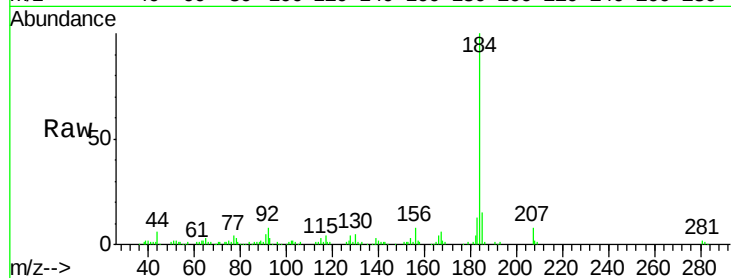
ClientSampleId :

PB120177BS

Tot Ion:	184	Resp:	167706
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.3	16.9
183	13.2	9.8	14.6

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#78

Pyrene

Concen: 34.773 ng

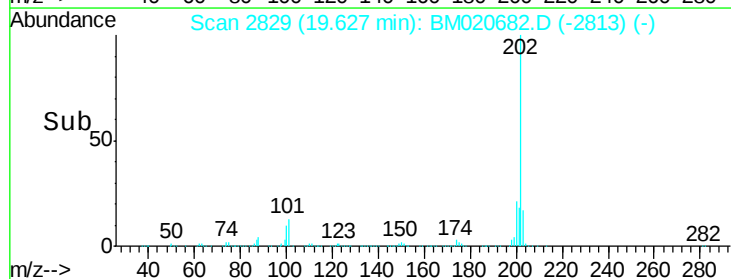
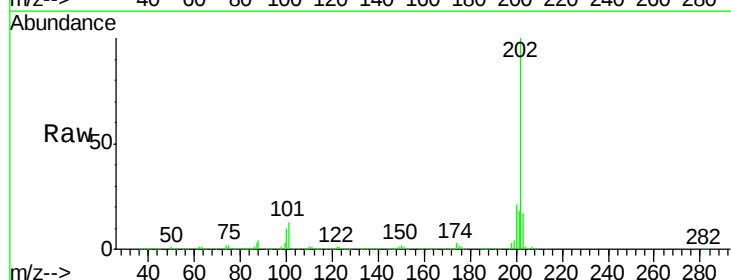
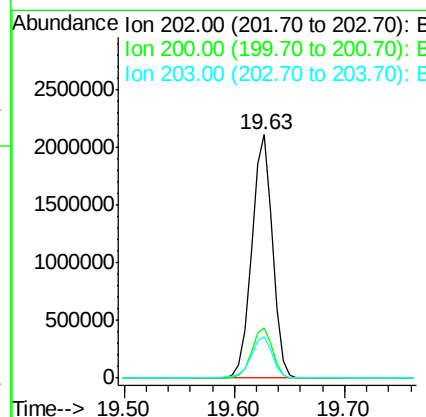
RT: 19.63 min Scan# 2829

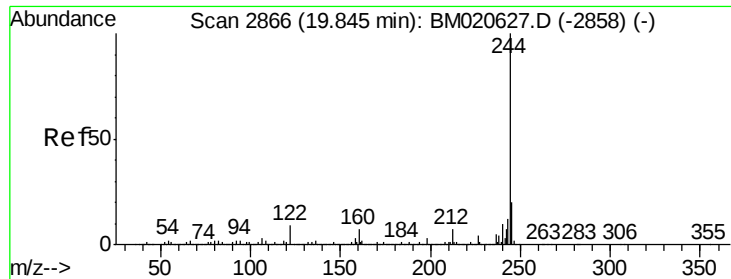
Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Tgt Ion:	202	Resp:	2772634
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	17.2	13.9	20.9





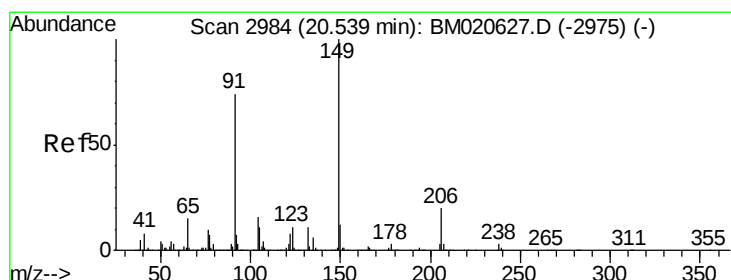
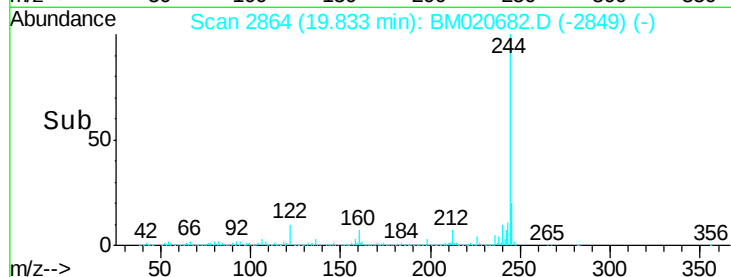
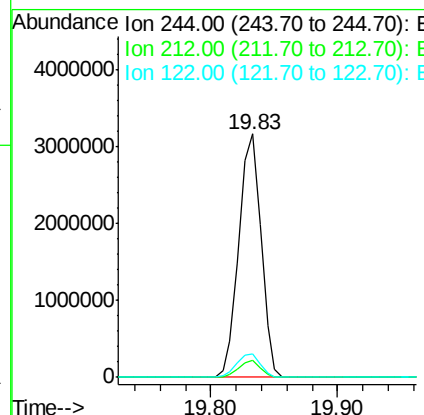
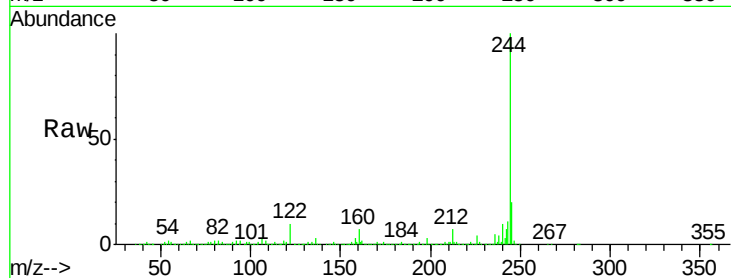
#79
 Terphenyl-d14
 Concen: 61.573 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion:244 Resp: 3824872
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.5 7.2 10.8

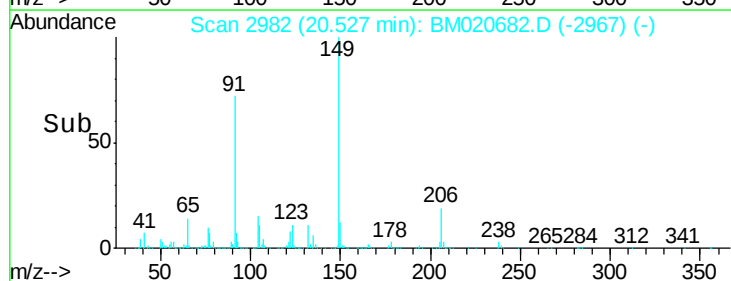
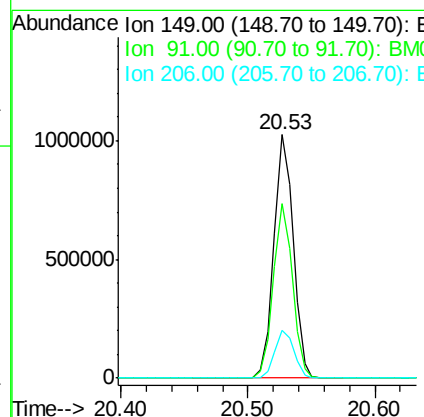
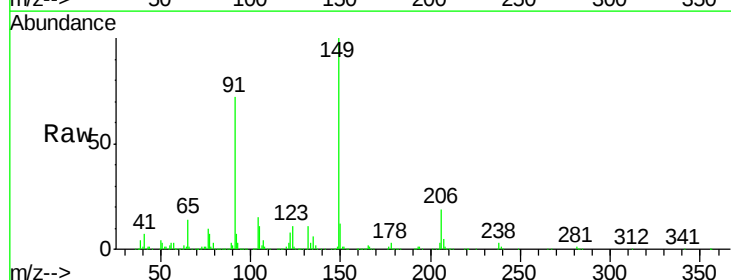
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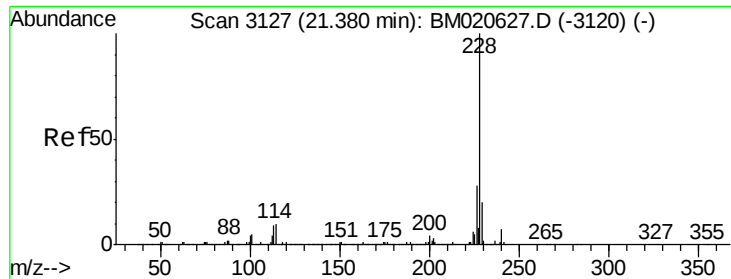
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#80
 Butylbenzylphthalate
 Concen: 32.285 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion:149 Resp: 1087865
 Ion Ratio Lower Upper
 149 100
 91 71.8 59.6 89.4
 206 19.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 34.787 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

Instrument :

BNA_M

ClientSampleId :

PB120177BS

Tot Ion:228 Resp: 2517074

Ion Ratio Lower Upper

228 100

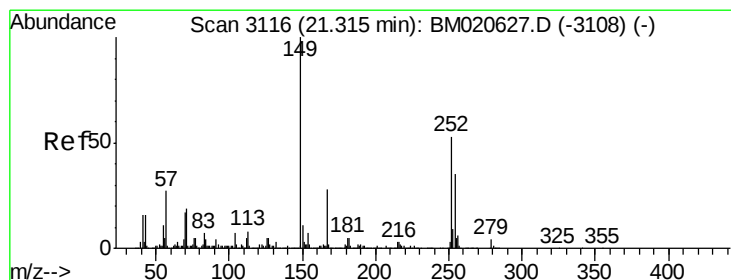
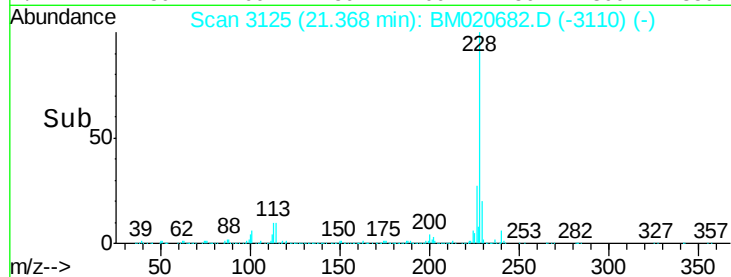
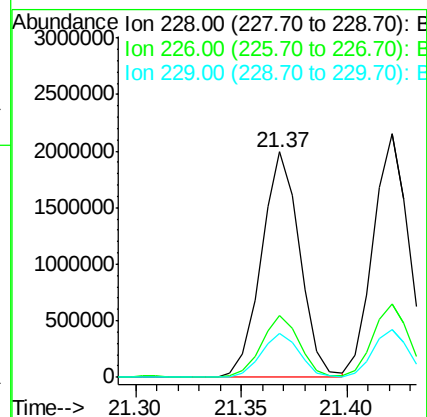
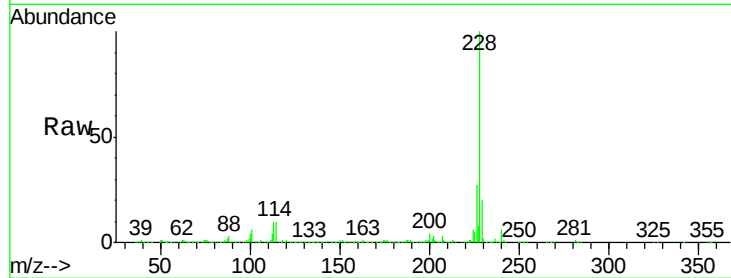
226 27.4 22.3 33.5

229 19.8 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 28.573 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020682.D

Acq: 03 Jun 2019 21:54

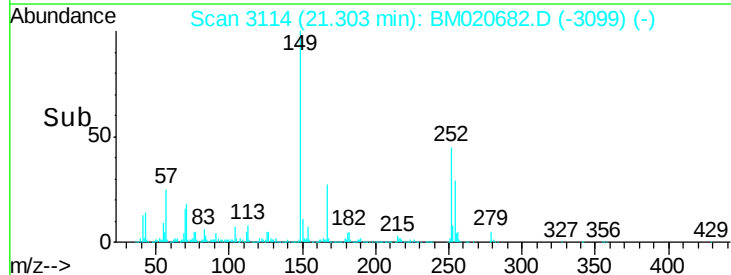
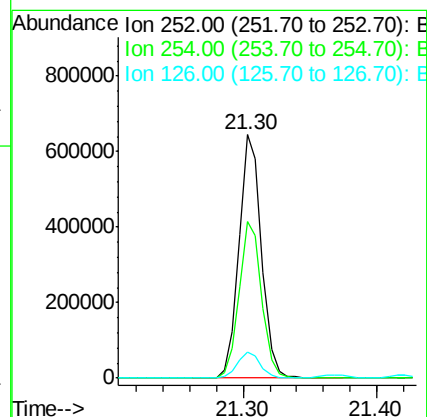
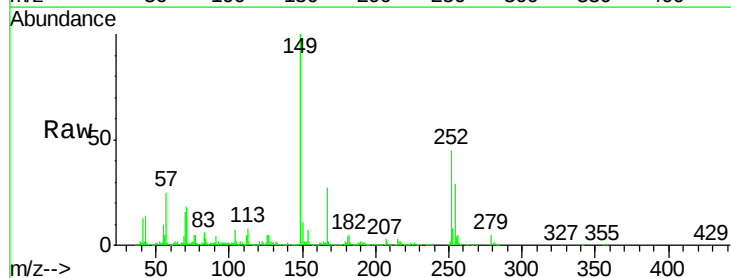
Tgt Ion:252 Resp: 757085

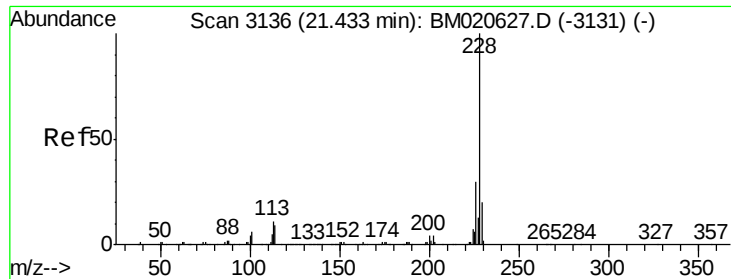
Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

126 10.6 8.0 12.0





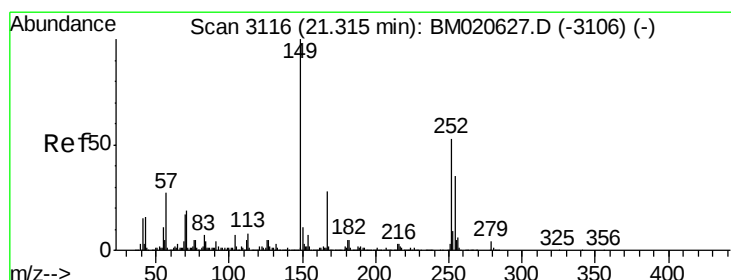
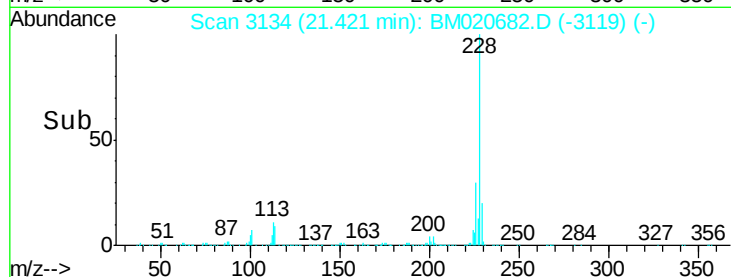
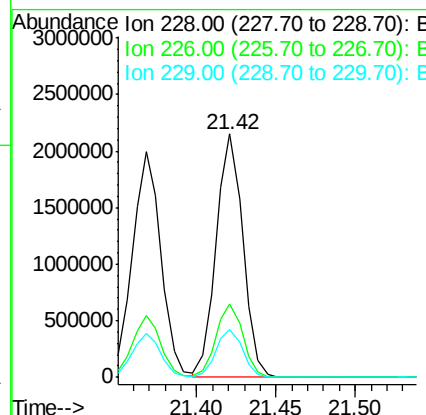
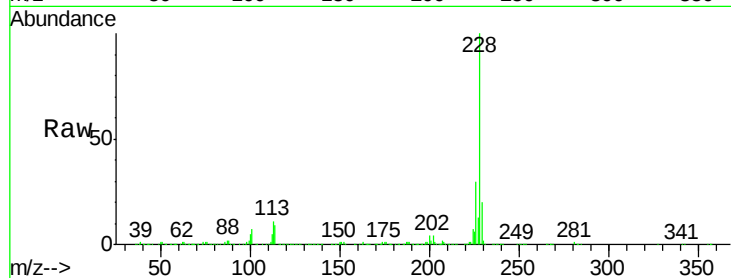
#83
 Chrvsene
 Concen: 36.786 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120177BS

Tot Ion:228 Resp: 2530190
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.6 15.8 23.6

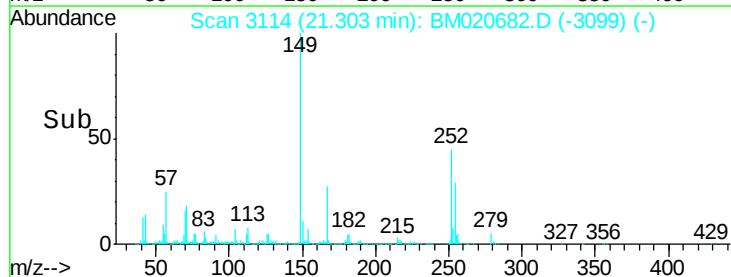
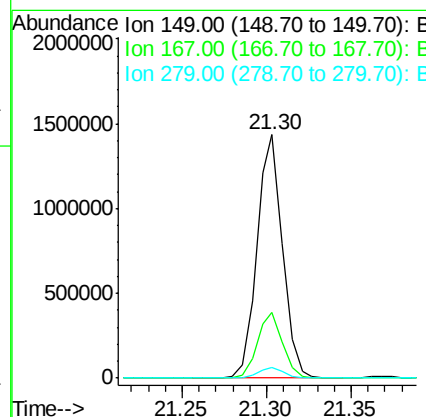
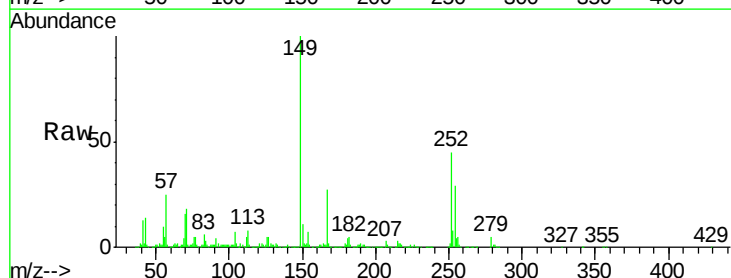
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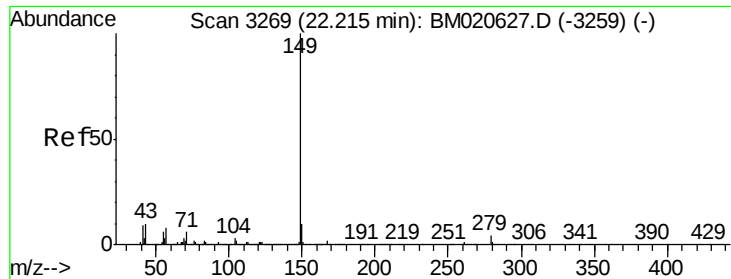
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.769 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020682.D
 Acq: 03 Jun 2019 21:54

Tgt Ion:149 Resp: 1506861
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.1 33.1
 279 4.5 3.4 5.0





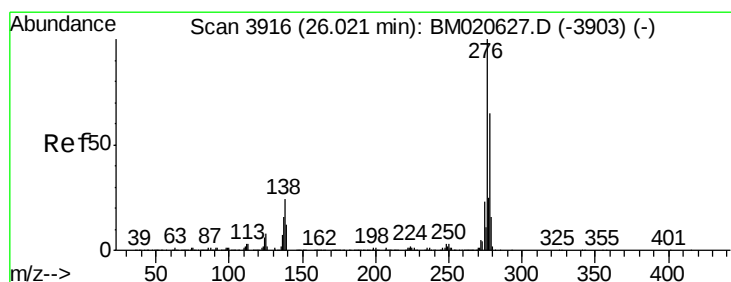
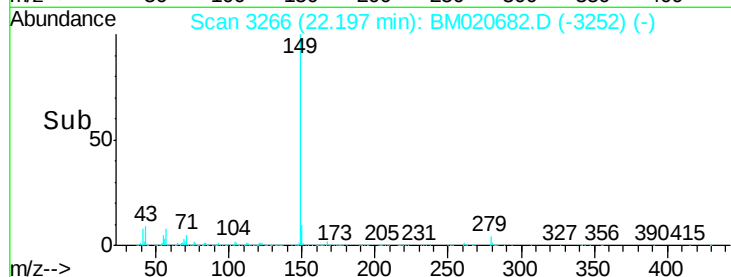
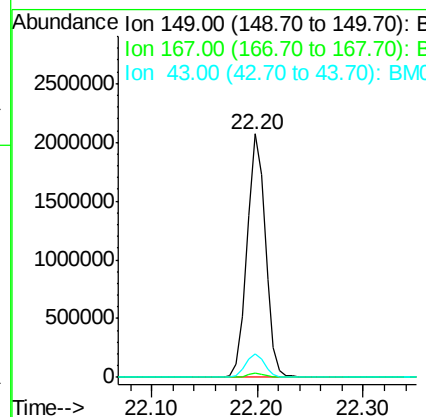
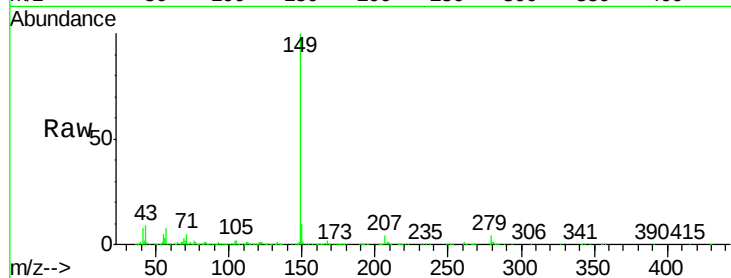
#85
Di-n-octyl phthalate
Concen: 31.808 ng
RT: 22.20 min Scan# 3266
Delta R.T. -0.02 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.7	8.2	12.4

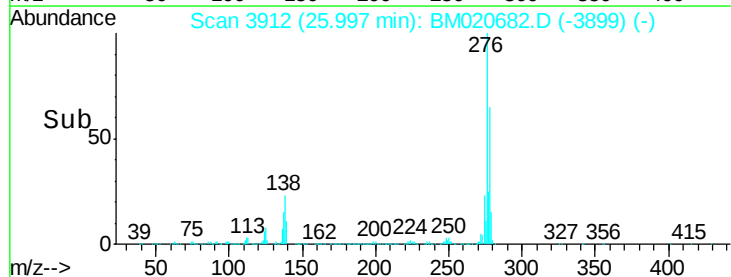
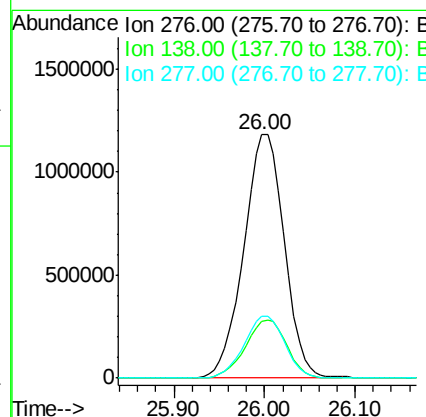
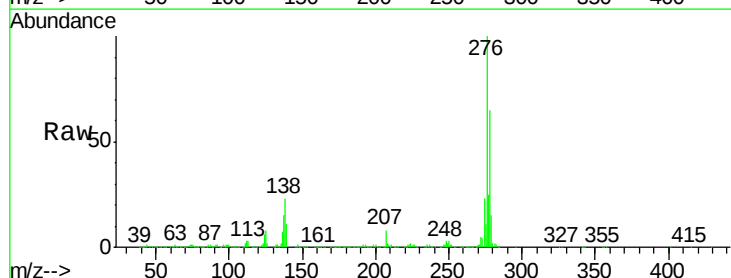
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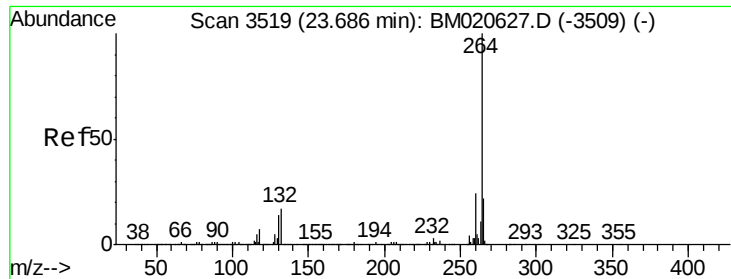
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.017 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.02 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	25.7	20.2	30.4





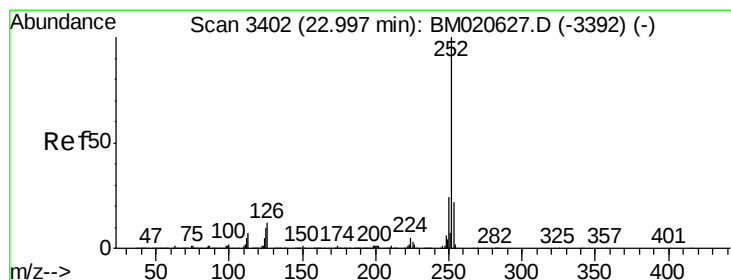
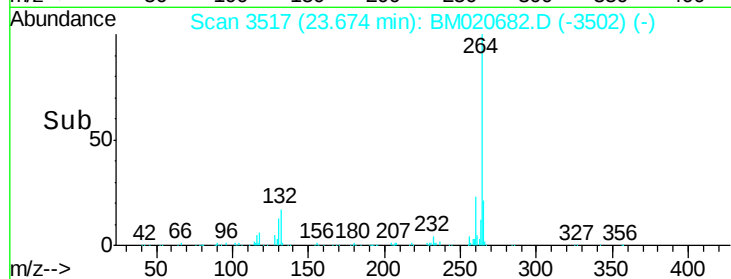
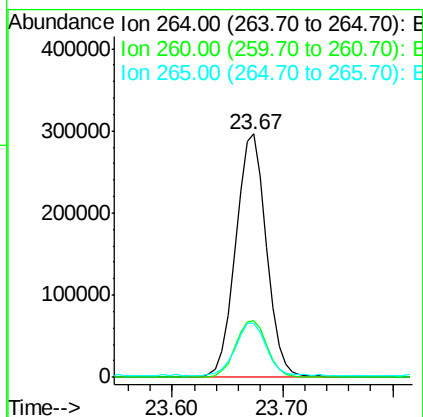
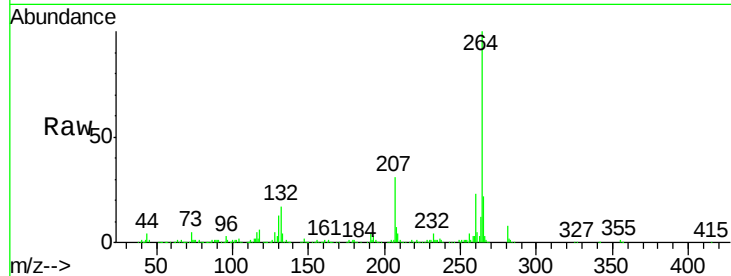
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.6	26.4

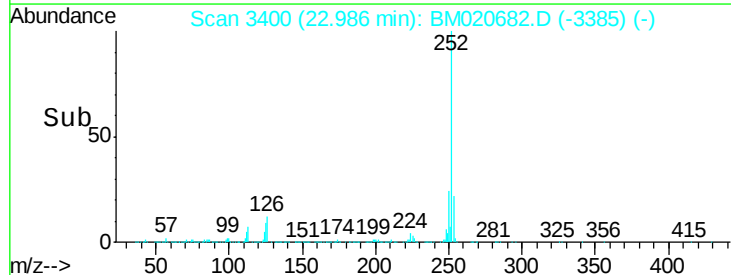
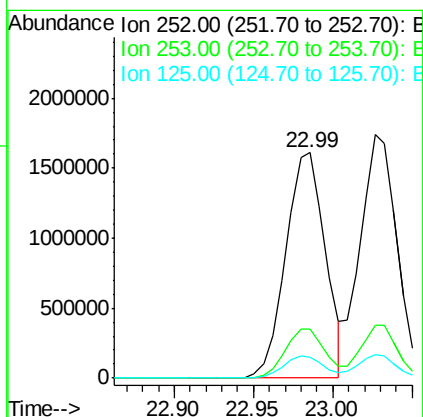
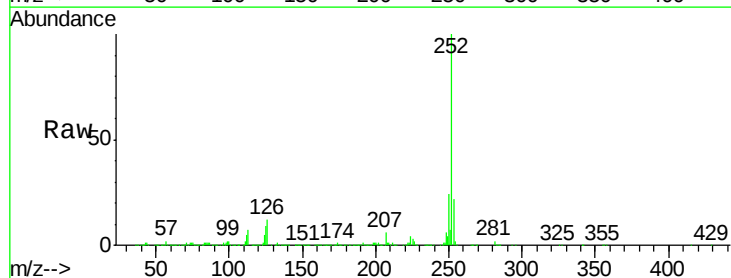
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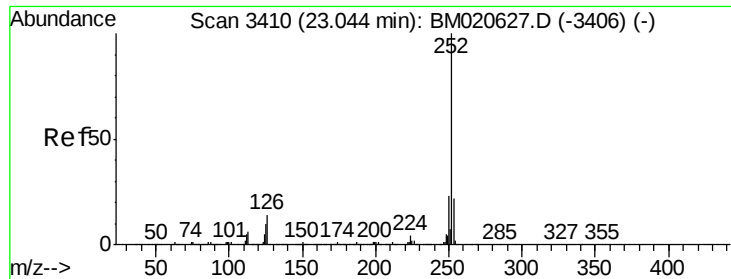
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#88
Benzo(b)fluoranthene
Concen: 72.456 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.2	7.8	11.8





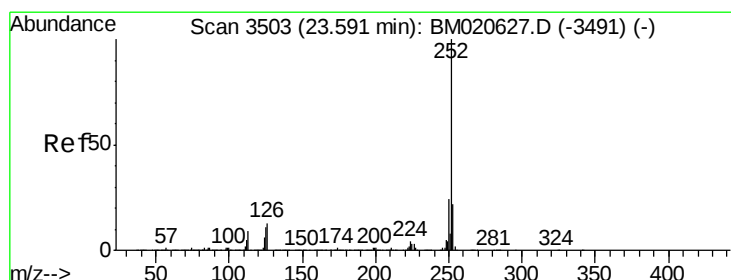
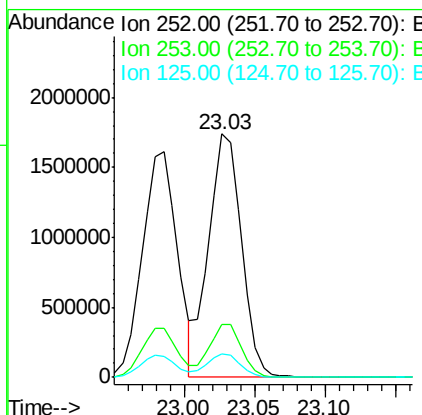
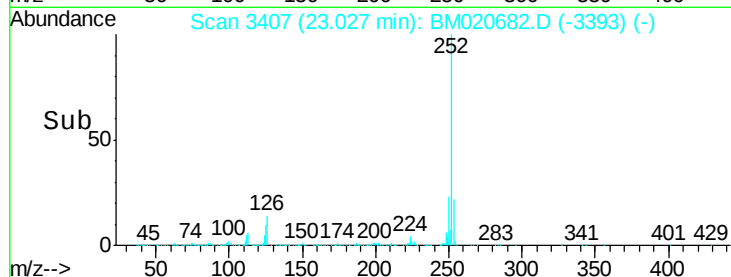
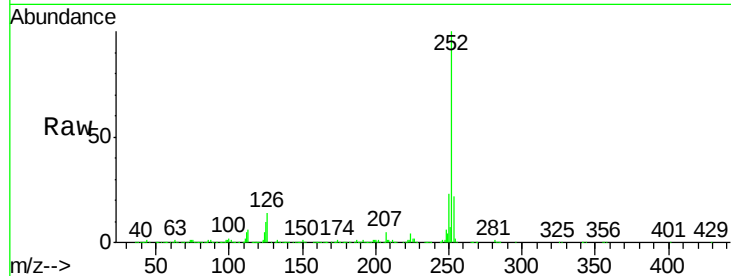
#89
Benzo(k)fluoranthene
Concen: 75.085 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.8	7.8	11.8

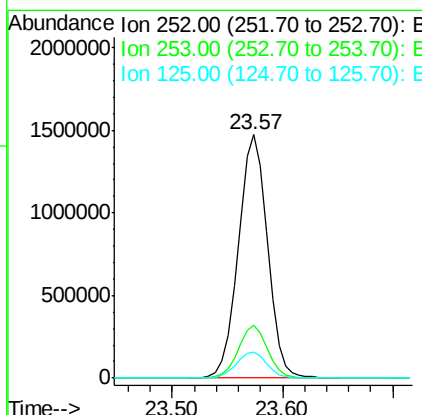
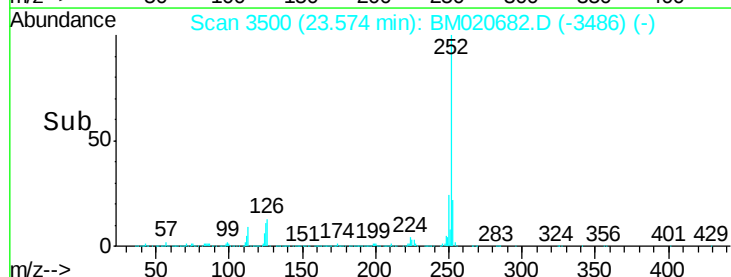
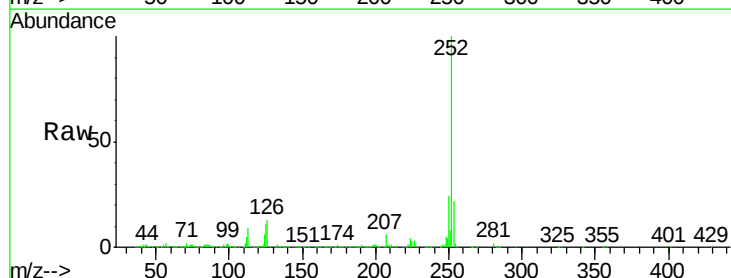
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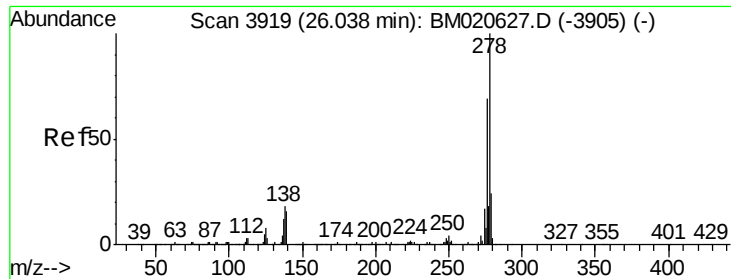
mohammad
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#90
Benzo(a)pyrene
Concen: 78.416 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.9	8.6	13.0





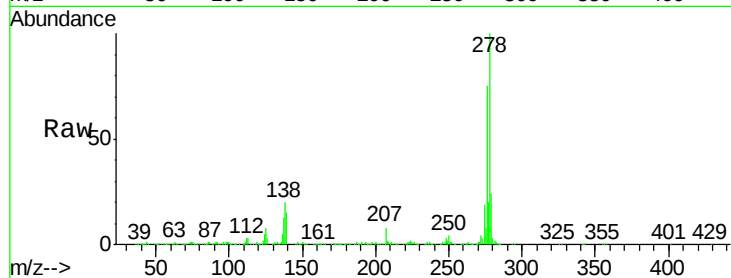
#91
Dibenzo(a,h)anthracene
Concen: 93.599 ng
RT: 26.01 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Instrument :
BNA_M
ClientSampleId :
PB120177BS

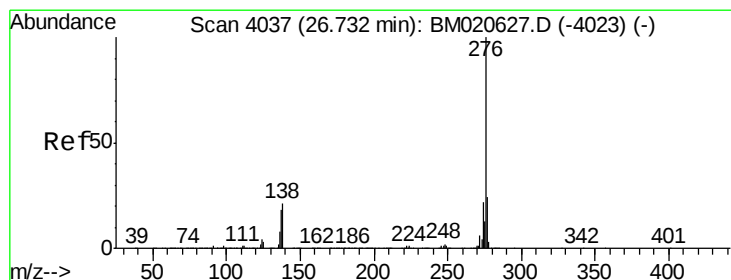
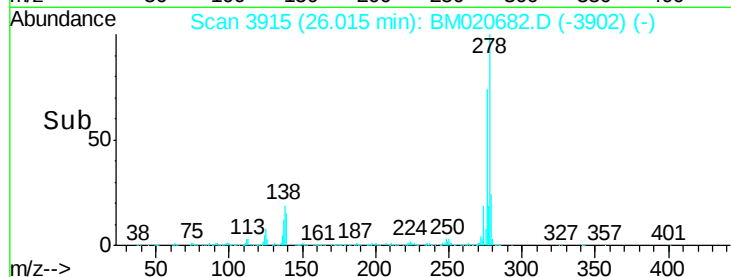
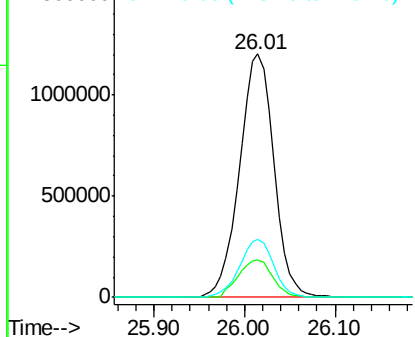
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 8:46:13 AM

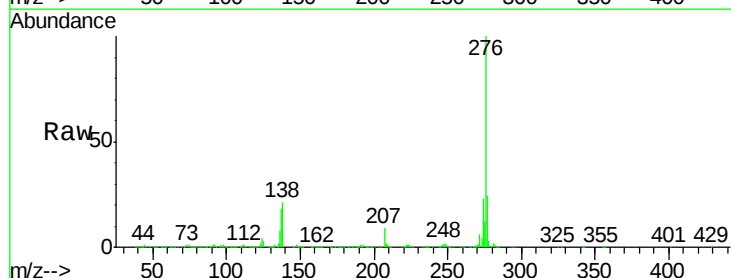


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 99.396 ng
RT: 26.71 min Scan# 4034
Delta R.T. -0.02 min
Lab File: BM020682.D
Acq: 03 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	21.0	17.0	25.4



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

