

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020604.D
 Acq On : 29 May 2019 17:59
 Operator : JU/SJ
 Sample : PB120010BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:27 AM

Quant Time: May 30 02:23:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	54532	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	189327	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	124837	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	297311	20.00	ng	0.00
76) Chrysene-d12	21.24	240	319480	20.00	ng	0.00
87) Perylene-d12	23.46	264	379749	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	371244	133.56	ng	0.00
7) Phenol-d6	6.80	99	477092	113.72	ng	0.00
23) Nitrobenzene-d5	8.80	82	374608	83.05	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	266764	106.66	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	845671	85.00	ng	0.00
79) Terphenyl-d14	19.67	244	1481249	83.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	60654	41.699	ng	94
3) Pyridine	3.53	79	133495	31.420	ng	97
4) n-Nitrosodimethylamine	3.46	42	38108	36.943	ng	# 81
6) Aniline	6.96	93	132702	21.866	ng	97
8) 2-Chlorophenol	7.19	128	124876	36.739	ng	99
9) Benzaldehyde	6.78	77	138326	51.644	ng	97
10) Phenol	6.83	94	161735	35.699	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	103708	30.675	ng	100
12) 1,3-Dichlorobenzene	7.51	146	144590	33.217	ng	98
13) 1,4-Dichlorobenzene	7.66	146	143255	32.925	ng	98
14) 1,2-Dichlorobenzene	7.97	146	145082	33.260	ng	98
15) Benzyl Alcohol	7.88	79	113894m	29.337	ng	
16) 2,2'-oxybis(1-Chloropropan	8.14	45	70542	29.936	ng	95
17) 2-Methylphenol	8.07	107	95383	31.890	ng	96
18) Hexachloroethane	8.68	117	60146	34.125	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	109221	29.318	ng	98
20) 3+4-Methylphenols	8.40	107	123936	30.898	ng	98
22) Acetophenone	8.46	105	176862	33.924	ng	99
24) Nitrobenzene	8.84	77	160825	36.102	ng	96
25) Isophorone	9.36	82	290239	34.580	ng	100
26) 2-Nitrophenol	9.55	139	55009	33.466	ng	97
27) 2,4-Dimethylphenol	9.60	122	94619	38.643	ng	96
28) bis(2-Chloroethoxy)methane	9.84	93	137098	31.379	ng	99
29) 2,4-Dichlorophenol	10.07	162	117398	36.049	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	161738	36.323	ng	96
31) Naphthalene	10.46	128	347928	35.591	ng	99
32) Benzoic acid	9.72	122	10130m	14.955	ng	
33) 4-Chloroaniline	10.60	127	63866m	16.369	ng	
34) Hexachlorobutadiene	10.72	225	127124	38.399	ng	99
35) Caprolactam	11.40	113	27041m	25.229	ng	
36) 4-Chloro-3-methylphenol	11.72	107	109479	30.892	ng	97
37) 2-Methylnaphthalene	12.09	142	253351	33.924	ng	97
38) 1-Methylnaphthalene	12.30	142	243060	33.591	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	208456	39.723	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	133069	54.665	ng	95
43) 2,4,6-Trichlorophenol	12.71	196	116102	35.750	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	105344	34.736	ng	96
46) 1,1'-Biphenyl	13.11	154	348512	36.248	ng	100
47) 2-Chloronaphthalene	13.16	162	284147	34.863	ng	98
48) 2-Nitroaniline	13.39	65	62704	27.202	ng	88
49) Acenaphthylene	14.01	152	431395	34.805	ng	100
50) Dimethylphthalate	13.75	163	362683	32.800	ng	99
51) 2,6-Dinitrotoluene	13.89	165	75140	32.604	ng	87
52) Acenaphthene	14.35	154	255797	34.247	ng	98
53) 3-Nitroaniline	14.23	138	29839	18.416	ng	94
54) 2,4-Dinitrophenol	14.45	184	38006	32.788	ng	95
55) Dibenzofuran	14.69	168	447273	34.605	ng	98
56) 4-Nitrophenol	14.55	139	67900	48.495	ng	98
57) 2,4-Dinitrotoluene	14.68	165	98689	29.654	ng	# 87
58) Fluorene	15.34	166	351695	32.756	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	123127	34.892	ng	98
60) Diethylphthalate	15.12	149	344274	31.601	ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	231953	33.839	ng	99
62) 4-Nitroaniline	15.40	138	43728m	22.572	ng	
63) Azobenzene	15.63	77	356211	33.601	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	40920	25.194	ng	94
66) n-Nitrosodiphenylamine	15.56	169	295516	36.658	ng	99
67) 4-Bromophenyl-phenylether	16.23	248	143998	36.357	ng	97
68) Hexachlorobenzene	16.33	284	173503	36.130	ng	100
69) Atrazine	16.52	200	113965	34.360	ng	98
70) Pentachlorophenol	16.69	266	185300	74.704	ng	99
71) Phenanthrene	17.08	178	547979	33.927	ng	100
72) Anthracene	17.17	178	518718	33.117	ng	100
73) Carbazole	17.46	167	410751	30.557	ng	99
74) Di-n-butylphthalate	18.00	149	524335	31.709	ng	99
75) Fluoranthene	19.10	202	694576	30.925	ng	99
77) Benzidine	19.32	184	471393	80.288	ng	100
78) Pyrene	19.47	202	708604	35.329	ng	100
80) Butylbenzylphthalate	20.37	149	214725	30.469	ng	99
81) Benzo(a)anthracene	21.22	228	726747	32.867	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	211939	26.261	ng	100
83) Chrysene	21.27	228	748546	35.035	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	319175	31.075	ng	99
85) Di-n-octyl phthalate	22.02	149	571959	32.032	ng	100
86) Indeno(1,2,3-cd)pyrene	25.71	276	1069551	41.401	ng	99
88) Benzo(b)fluoranthene	22.79	252	846682	34.065	ng	99
89) Benzo(k)fluoranthene	22.83	252	848820	35.187	ng	99
90) Benzo(a)pyrene	23.37	252	839213	36.691	ng	99
91) Dibenzo(a,h)anthracene	25.72	278	913258	39.007	ng	98
92) Benzo(g,h,i)perylene	26.40	276	890452	41.029	ng	98

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

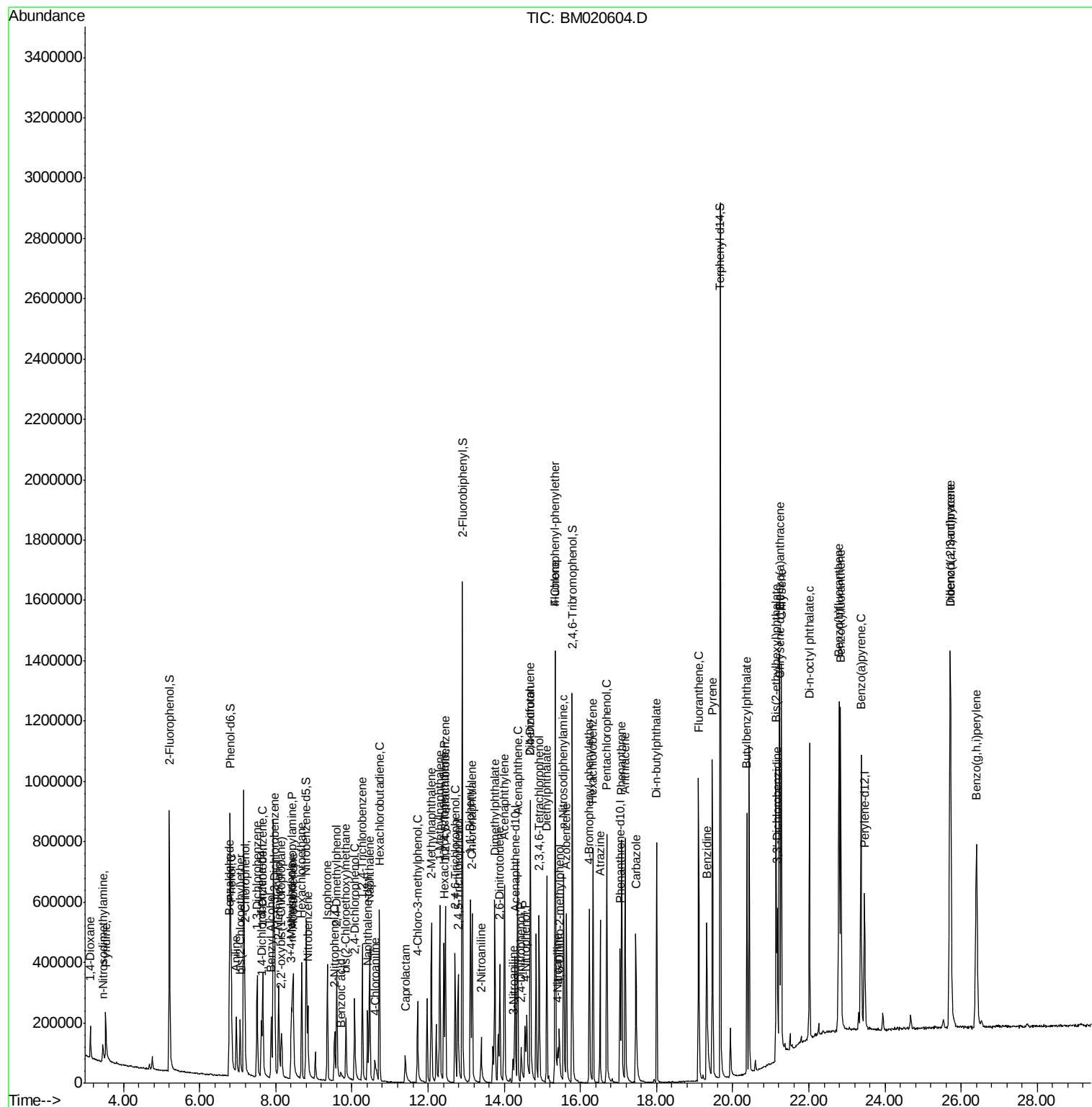
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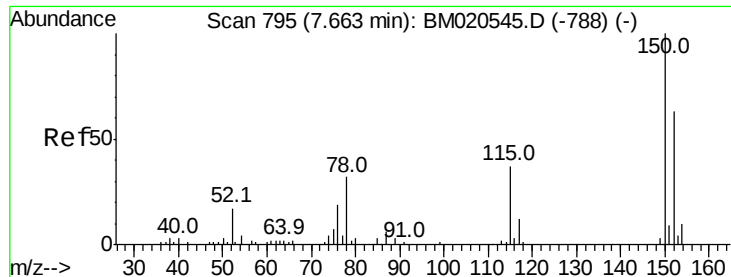
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ClientSampleId :
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#1

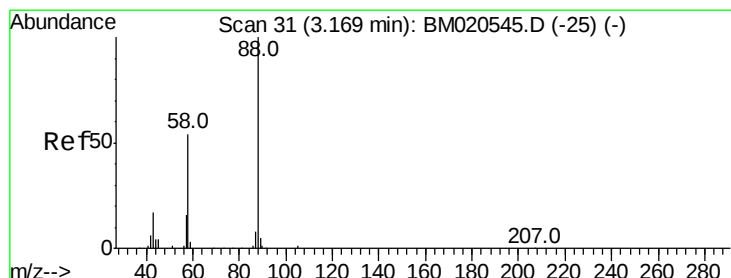
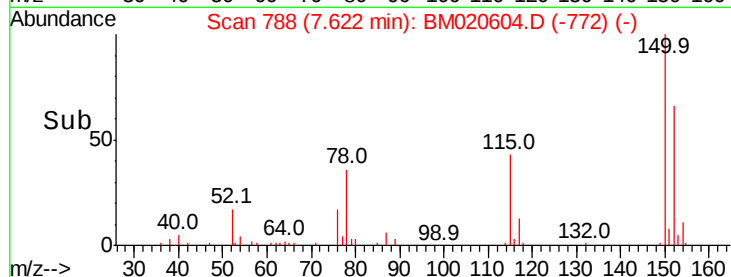
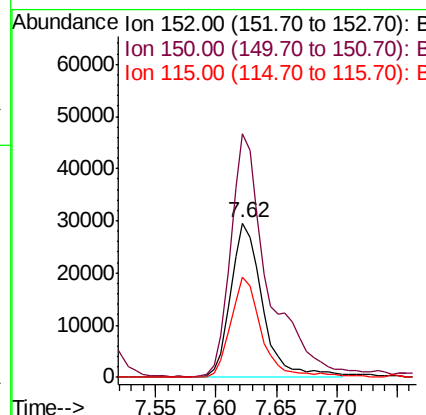
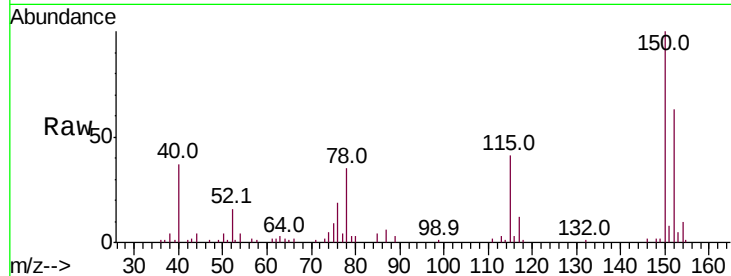
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.62 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	190.0
115	64.6	46.6	70.0

Manual Integrations
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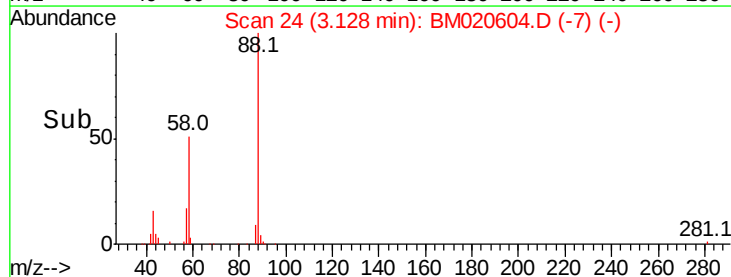
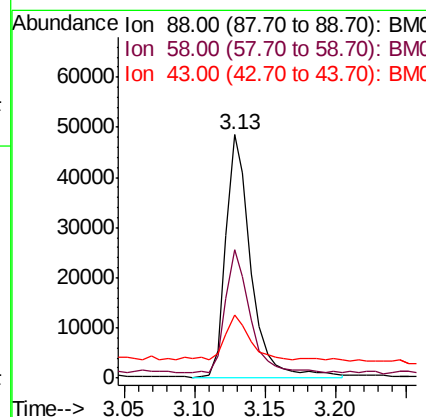
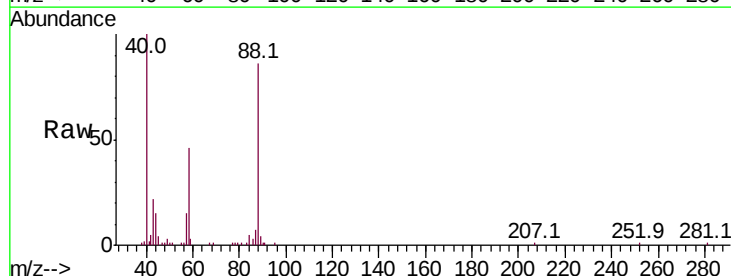
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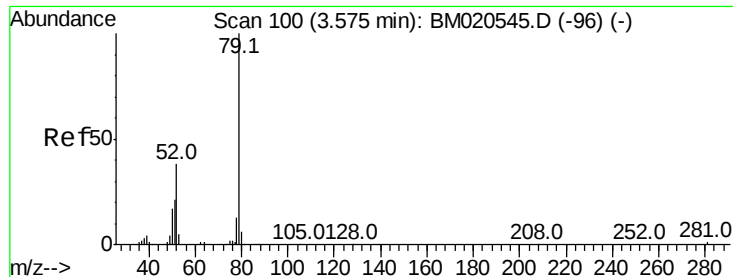


#2

1,4-Dioxane
 Concen: 41.699 ng
 RT: 3.13 min Scan# 24
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	49.1	42.3	63.5
43	17.3	16.0	24.0





#3

Pvridine

Concen: 31.420 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

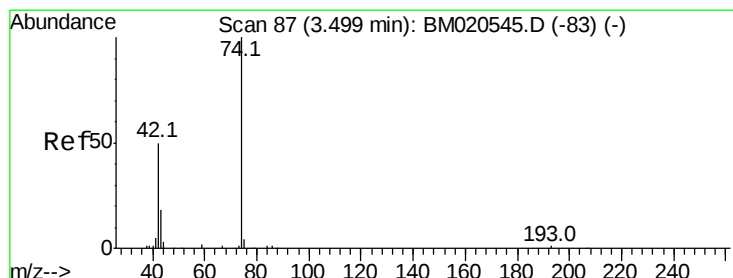
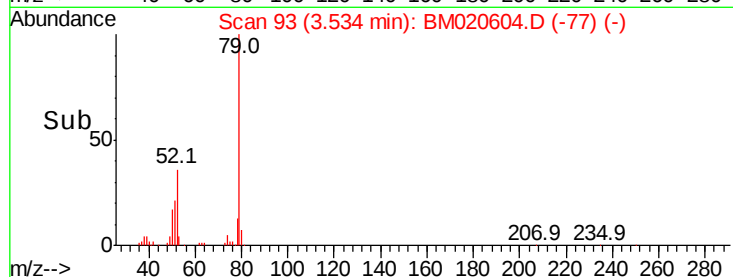
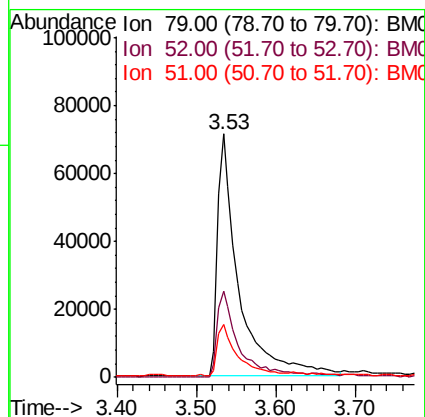
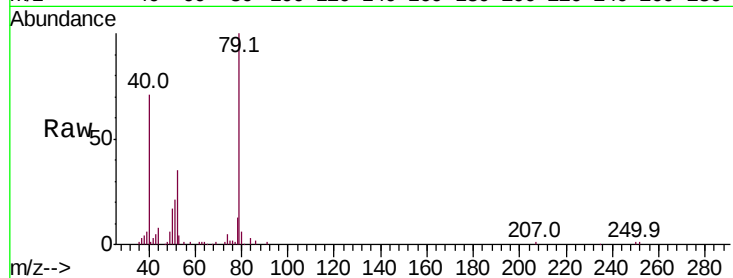
ClientSampleId :

PB120010BSD

Tot Ion:	79	Resp:	133495
Ion Ratio	Lower	Upper	
79	100		
52	35.4	30.1	45.1
51	21.5	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 36.943 ng

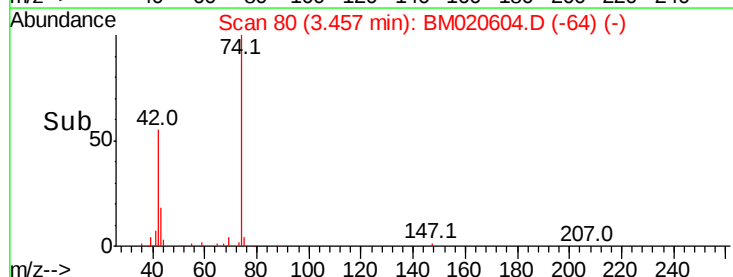
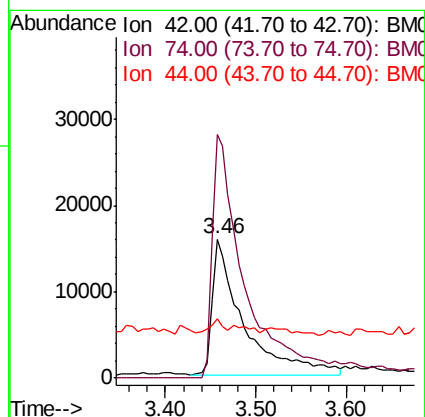
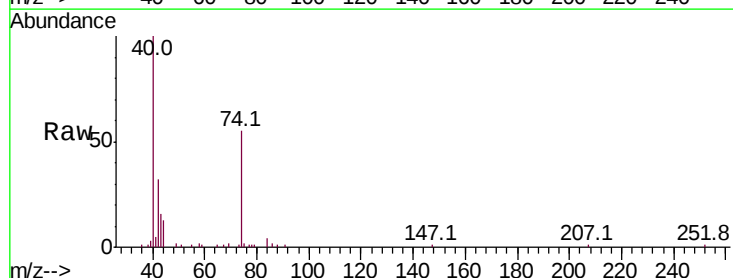
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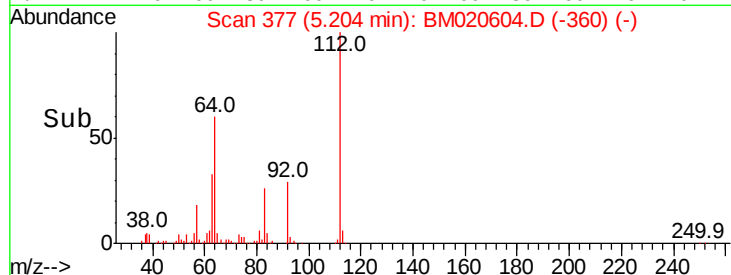
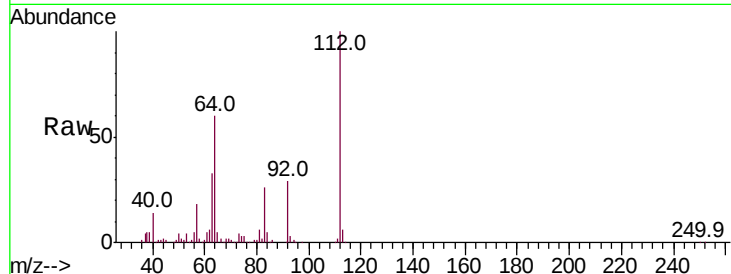
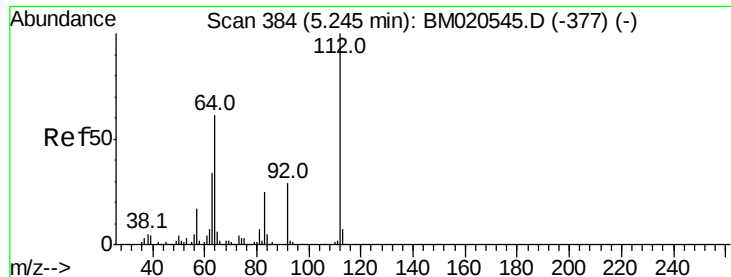
Delta R.T. -0.01 min

Lab File: BM020604.D

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Tgt Ion:	42	Resp:	38108
Ion Ratio	Lower	Upper	
42	100		
74	174.8	161.1	241.7
44	42.2	20.9	31.3#





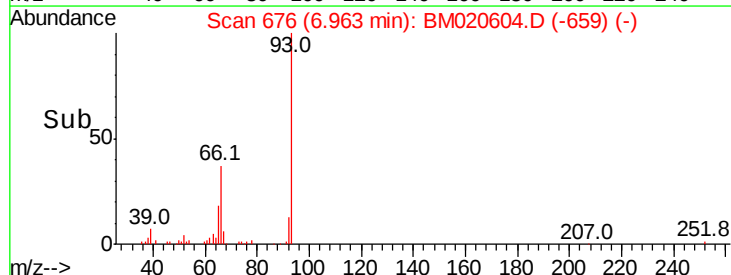
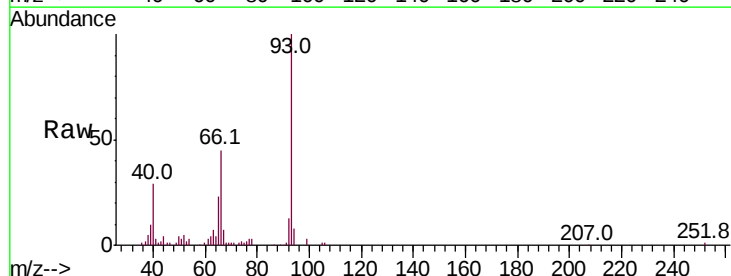
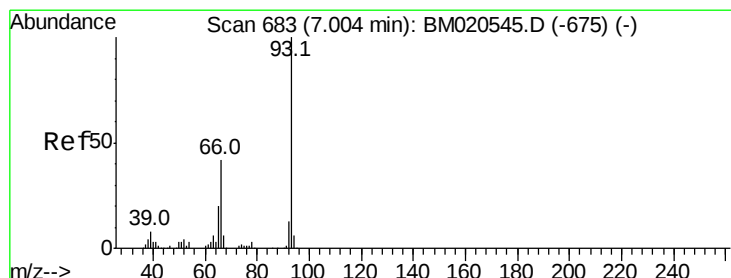
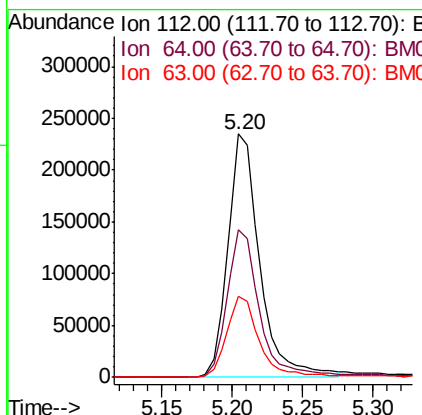
#5
2-Fluorophenol
Concen: 133.557 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	371244		
64	60.5	48.6	73.0	
63	33.5	27.4	41.0	

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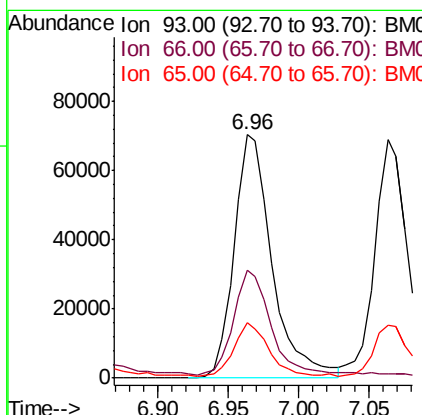
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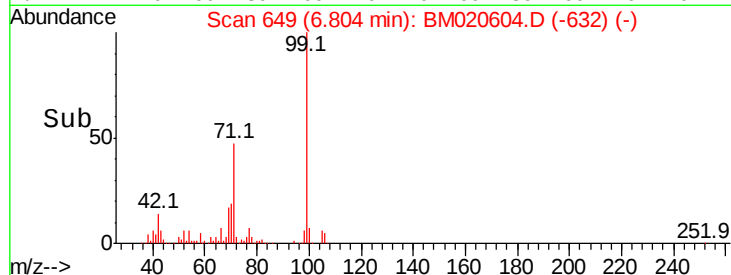
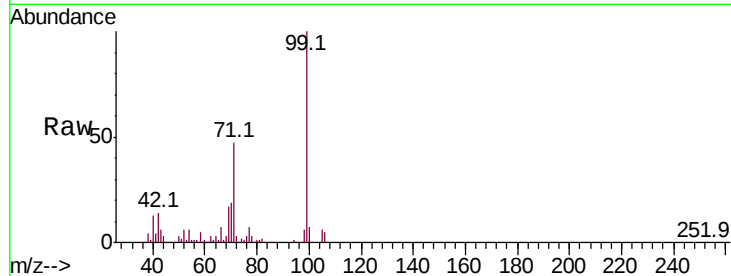
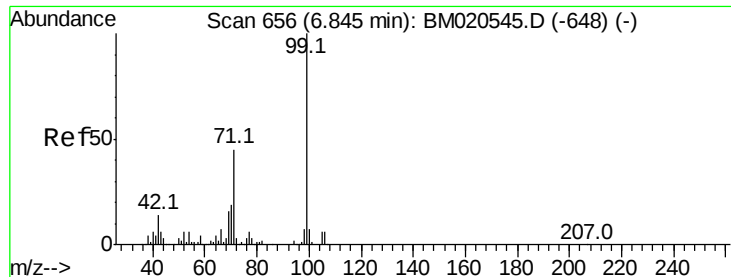
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#6
Aniline
Concen: 21.866 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	132702		
66	44.5	34.5	51.7	
65	22.6	16.2	24.2	





#7

Phenol-d6

Concen: 113.716 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tot Ion:	99	Resp:	477092
Ion Ratio	Lower	Upper	
99	100		
42	13.9	10.8	16.2
71	47.0	36.3	54.5

Instrument :

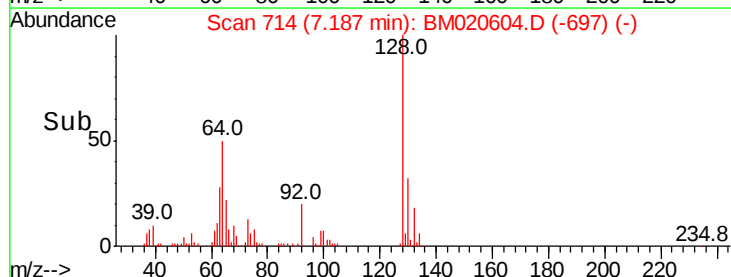
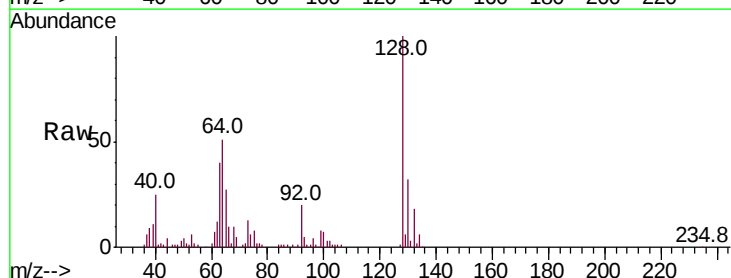
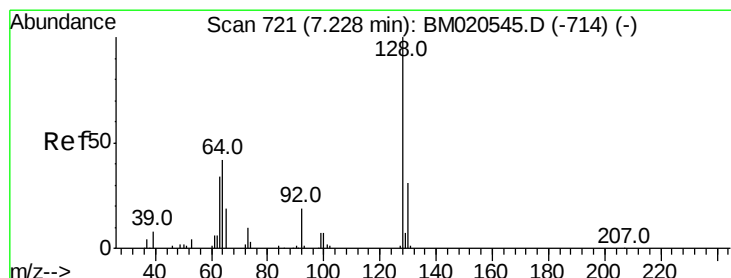
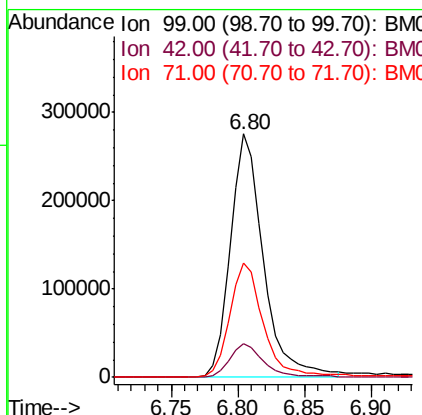
BNA_M

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#8

2-Chlorophenol

Concen: 36.739 ng

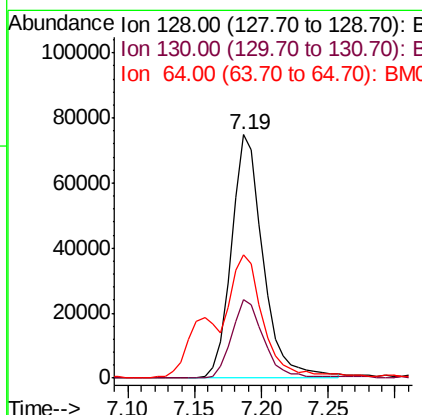
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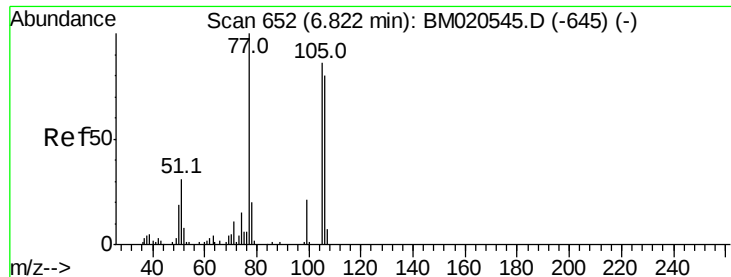
Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:	128	Resp:	124876
Ion Ratio	Lower	Upper	
128	100		
130	32.4	11.2	51.2
64	50.6	31.1	71.1





#9

Benzaldehyde

Concen: 51.644 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

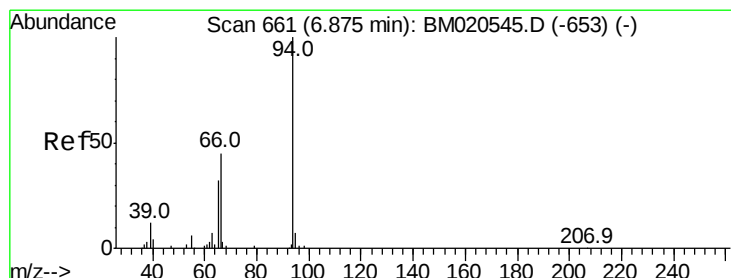
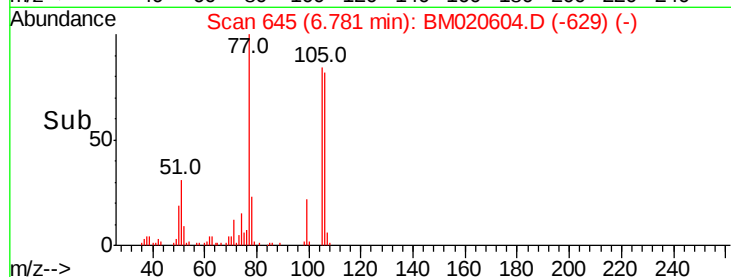
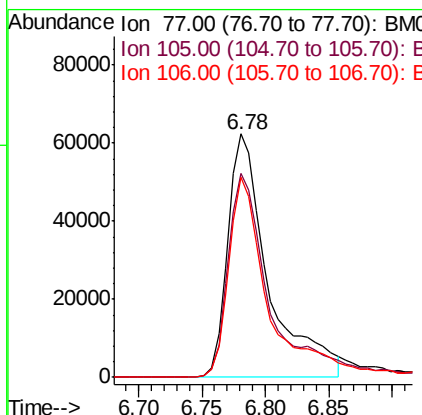
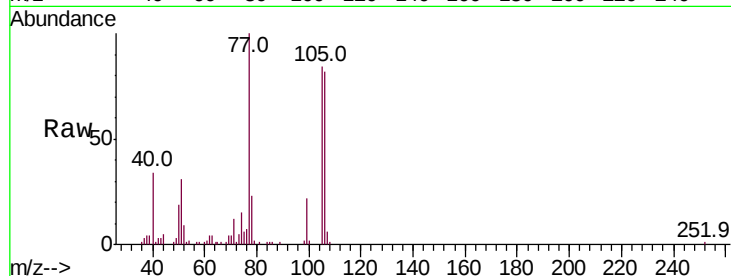
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Tot Ion:	77	Resp:	138326
Ion	Ratio	Lower	Upper
77	100		
105	83.8	66.1	106.1
106	82.3	60.0	100.0

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#10

Phenol

Concen: 35.699 ng

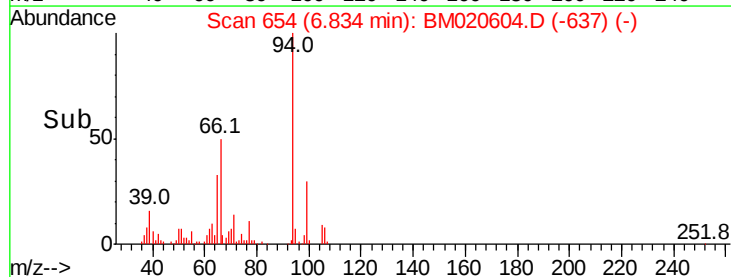
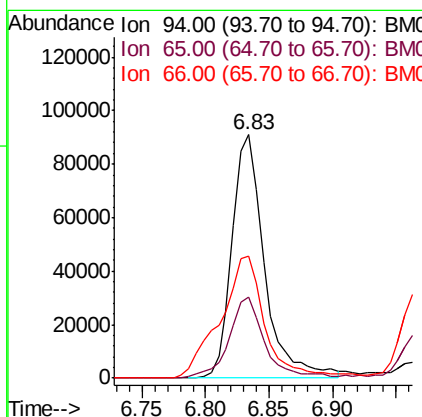
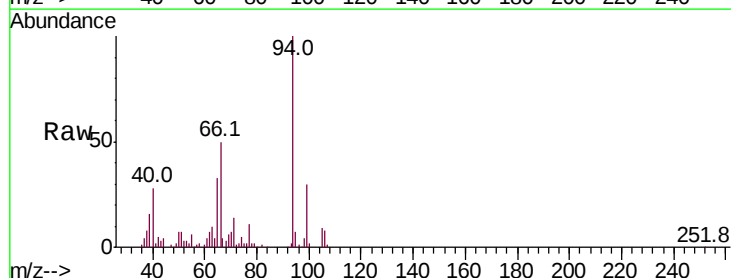
RT: 6.83 min Scan# 654

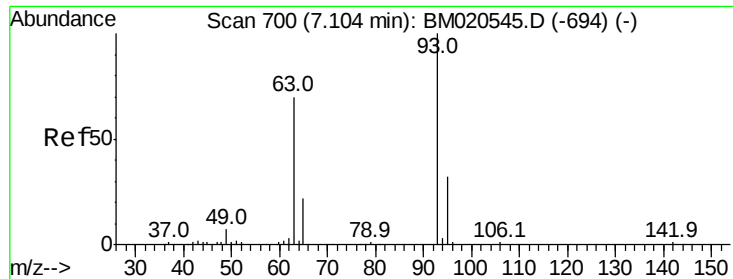
Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:	94	Resp:	161735
Ion	Ratio	Lower	Upper
94	100		
65	33.2	12.4	52.4
66	49.9	27.4	67.4





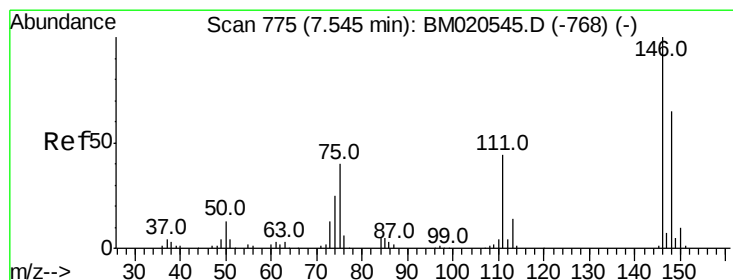
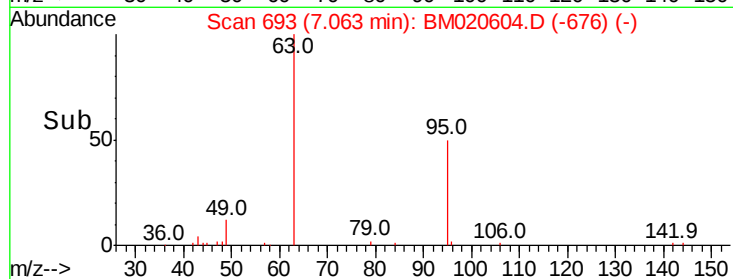
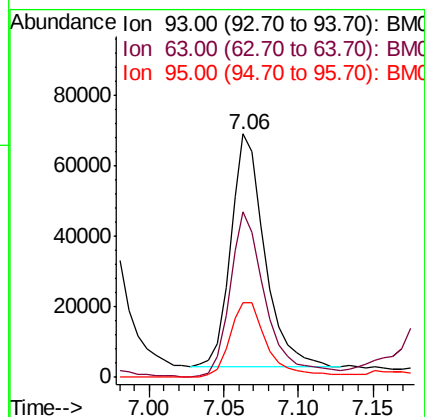
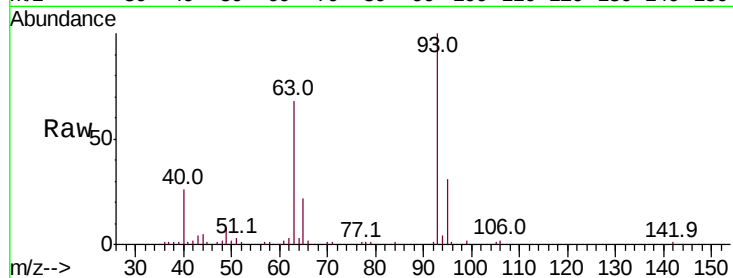
#11
bis(2-Chloroethyl)ether
Concen: 30.675 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion:	93	Resp:	103708
Ion Ratio	Lower	Upper	
93	100		
63	68.0	47.6	87.6
95	30.7	10.9	50.9

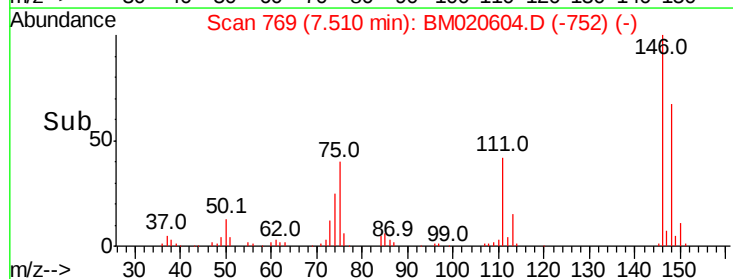
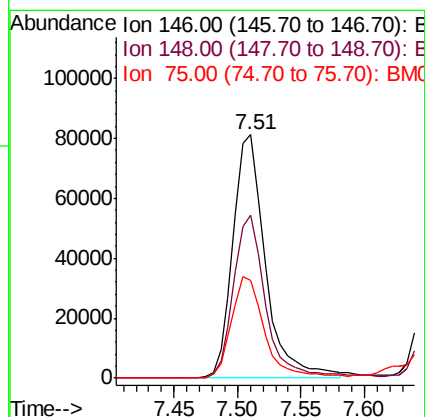
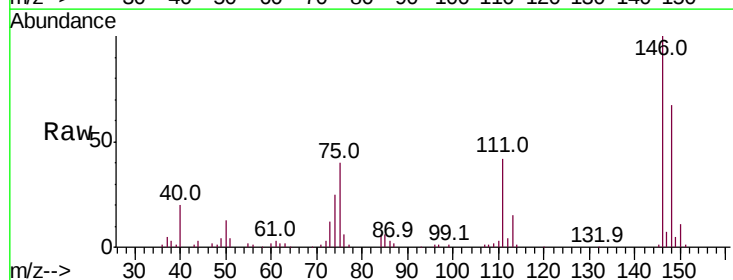
Manual Integrations
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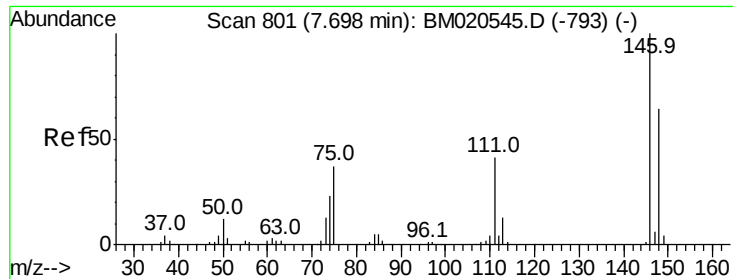
mohammad
5/30/2019 8:16:27 AM



#12
1,3-Dichlorobenzene
Concen: 33.217 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:	146	Resp:	144590
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.9	77.9
75	39.9	31.6	47.4





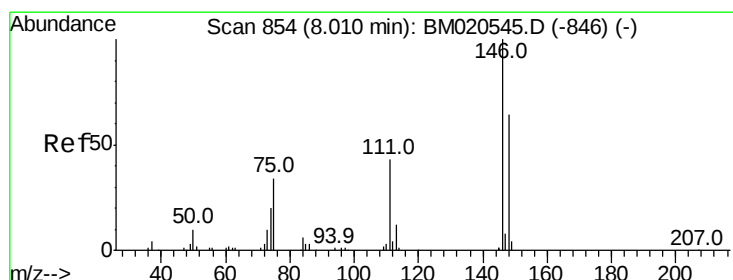
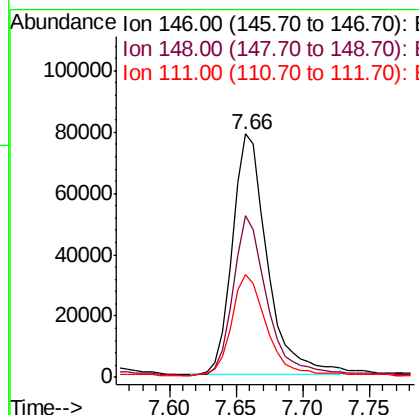
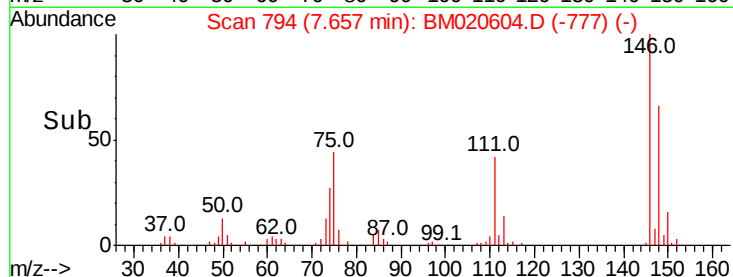
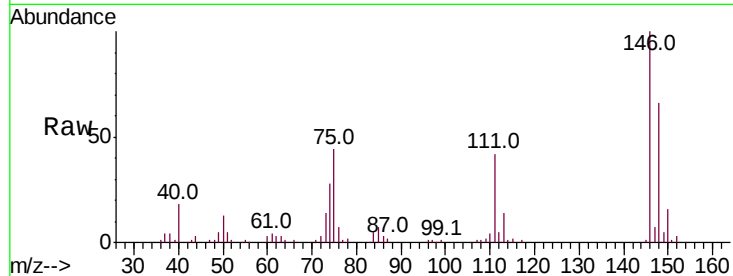
#13
 1,4-Dichlorobenzene
 Concen: 32.925 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleID :
 PB120010BSD

Tot Ion:	146	Resp:	143255
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.1	76.7
111	42.2	33.5	50.3

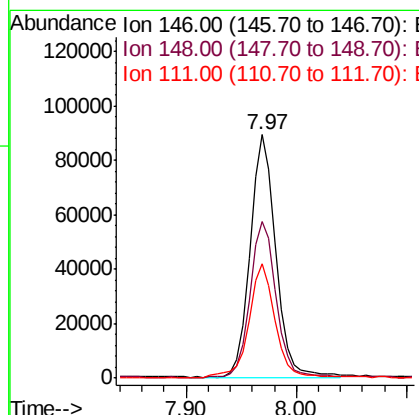
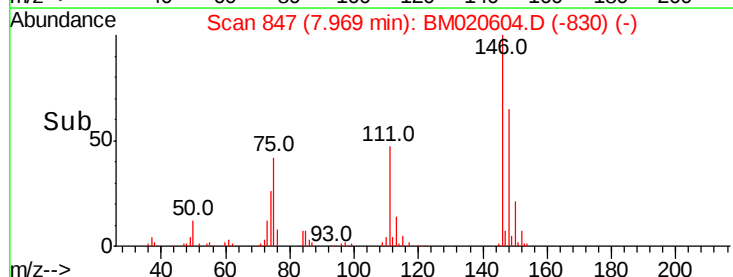
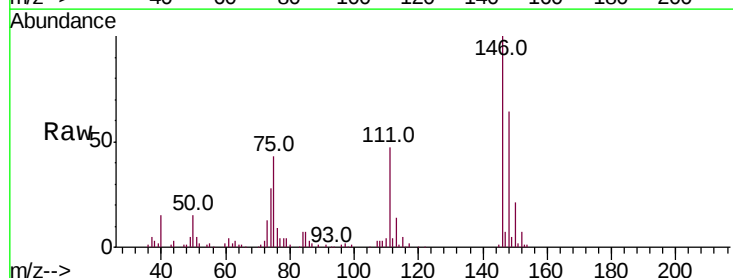
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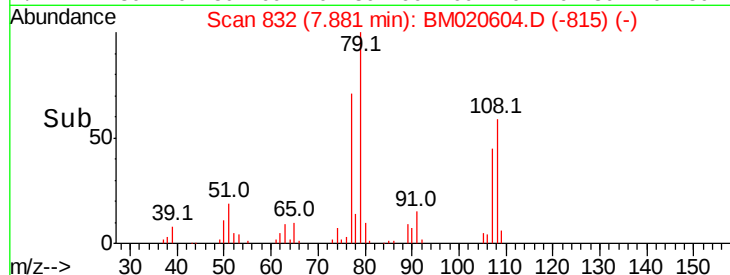
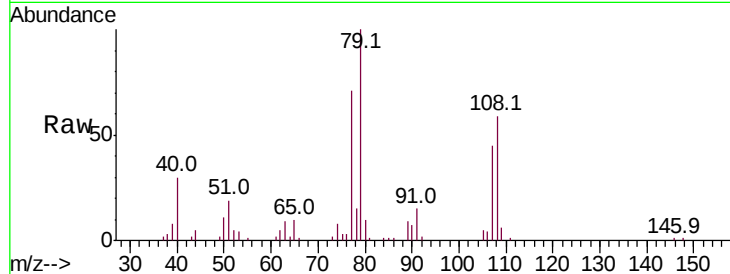
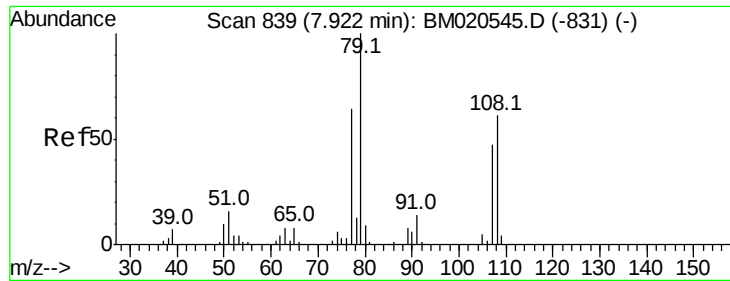
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#14
 1,2-Dichlorobenzene
 Concen: 33.260 ng
 RT: 7.97 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion:	146	Resp:	145082
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.2	76.8
111	46.9	35.2	52.8





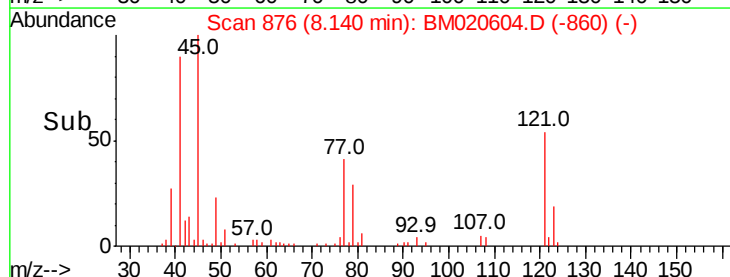
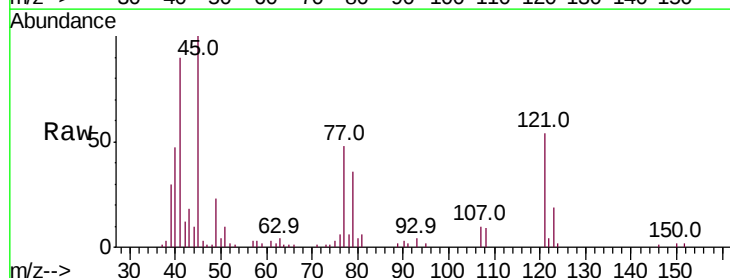
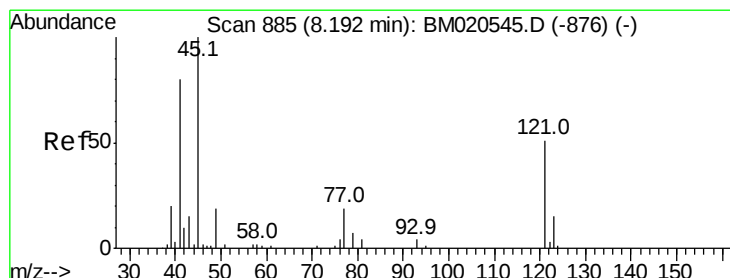
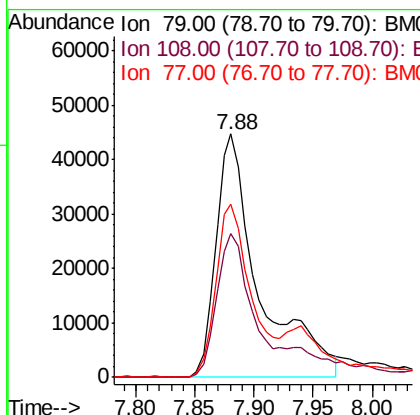
#15
Benzyl Alcohol
Concen: 29.337 ng m
RT: 7.88 min Scan# 832
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tot Ion	Ratio	Lower	Upper
79	100		
108	59.0	48.5	72.7
77	71.2	50.9	76.3

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

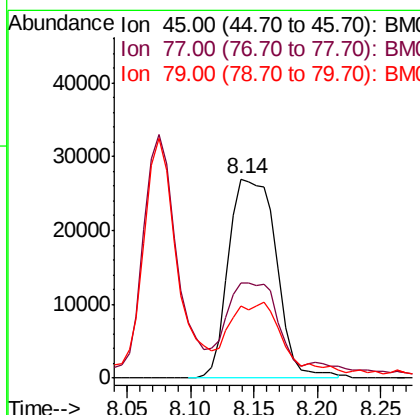
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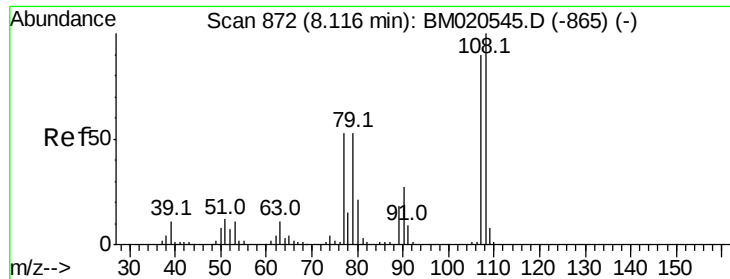
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.936 ng
RT: 8.14 min Scan# 876
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	48.0	25.0	65.0
79	36.3	13.1	53.1





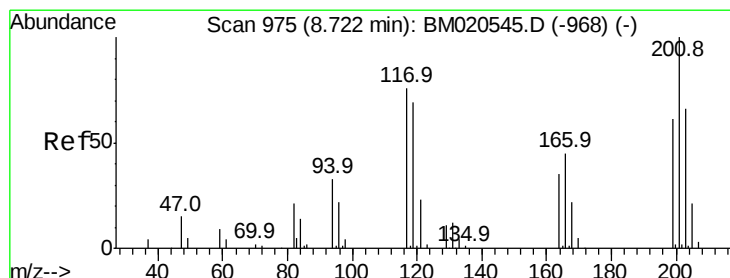
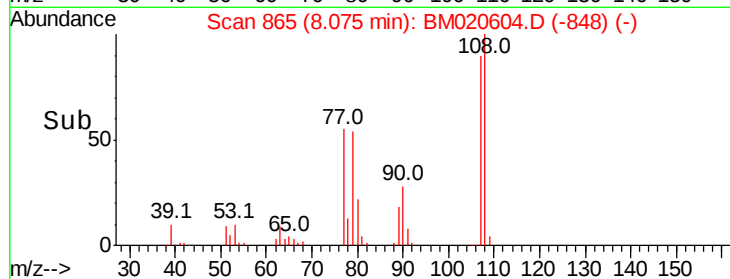
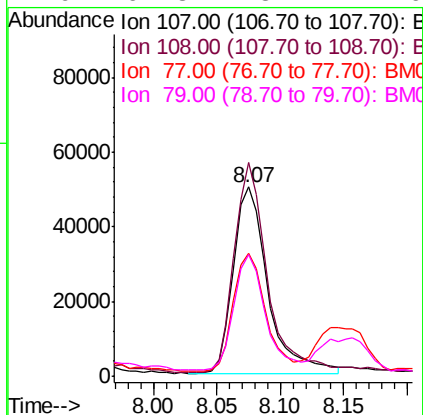
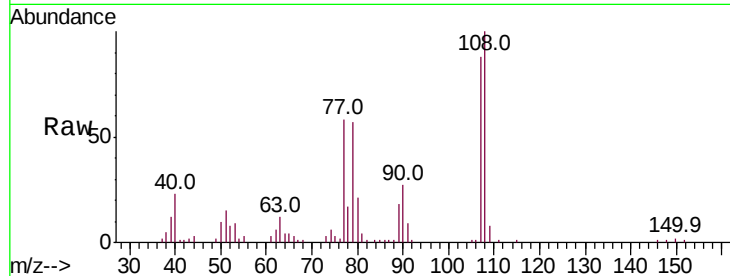
#17
2-Methylphenol
Concen: 31.890 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion:	107	Resp:	95383
Ion Ratio	Lower	Upper	
107	100		
108	113.0	89.4	134.2
77	65.2	48.2	72.4
79	64.3	48.4	72.6

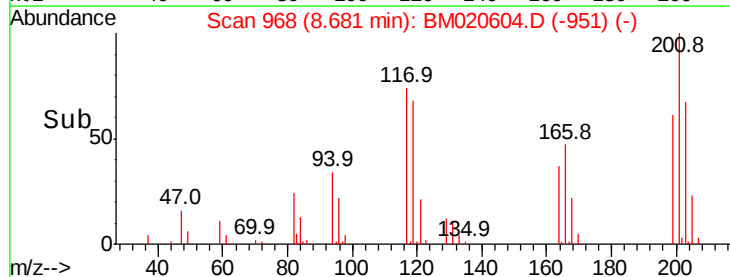
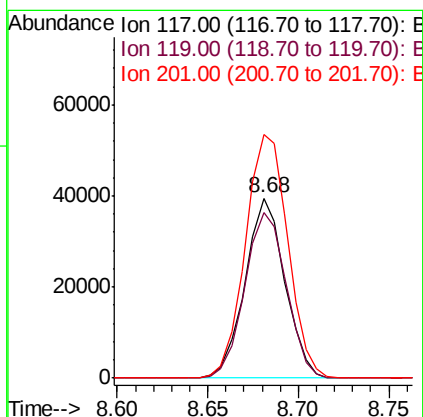
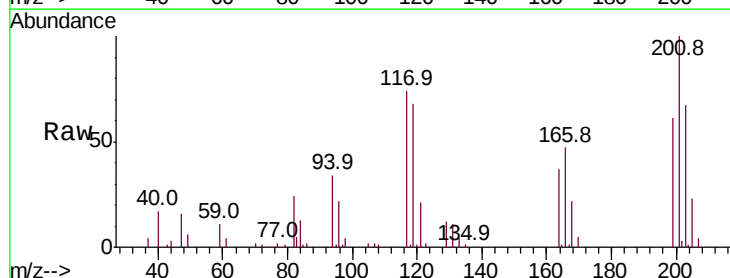
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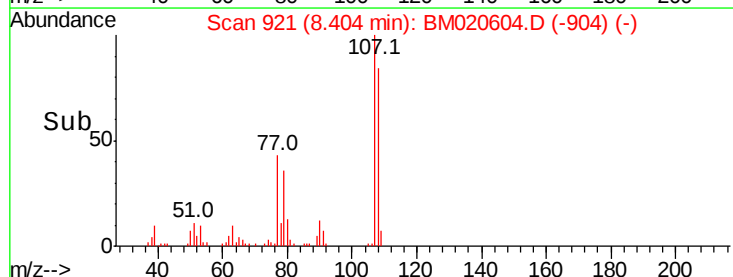
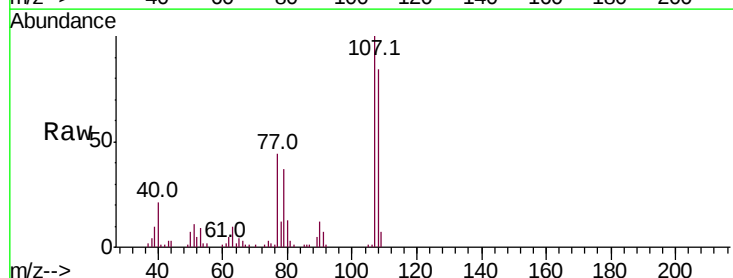
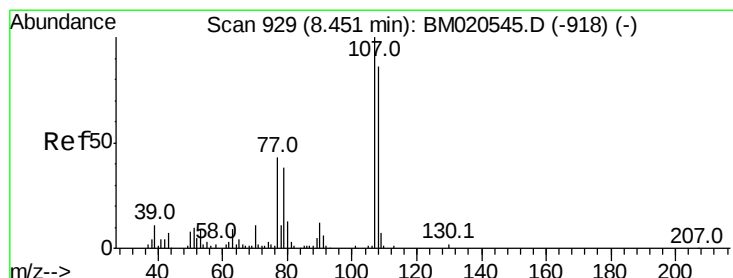
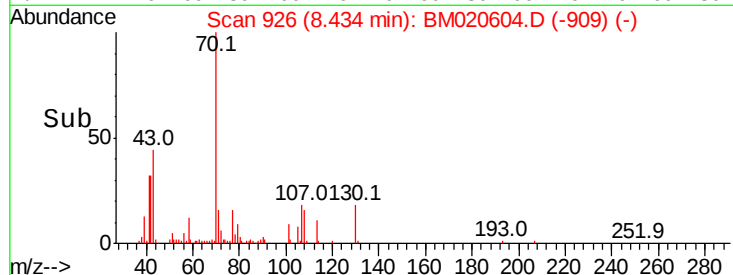
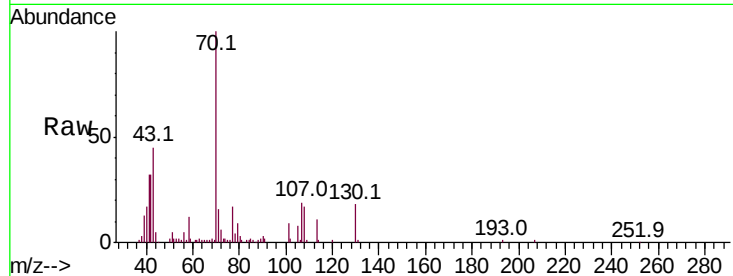
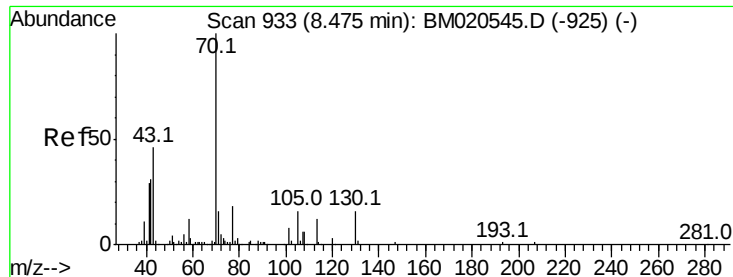
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#18
Hexachloroethane
Concen: 34.125 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion:	117	Resp:	60146
Ion Ratio	Lower	Upper	
117	100		
119	92.3	73.2	109.8
201	135.2	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 29.318 ng

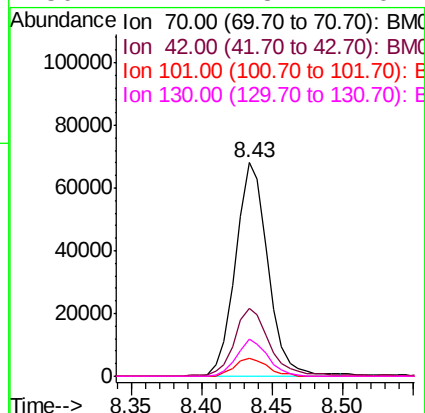
RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	31.8	24.7	37.1		
101	8.7	6.8	10.2		
130	17.7	13.1	19.7		



Instrument : BNA_M

ClientSampleId : PB120010BSD

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#20

3+4-Methylphenols

Concen: 30.898 ng

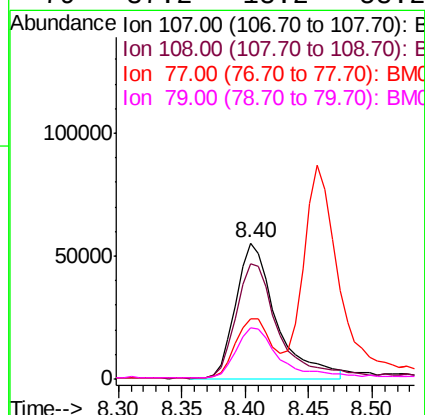
RT: 8.40 min Scan# 921

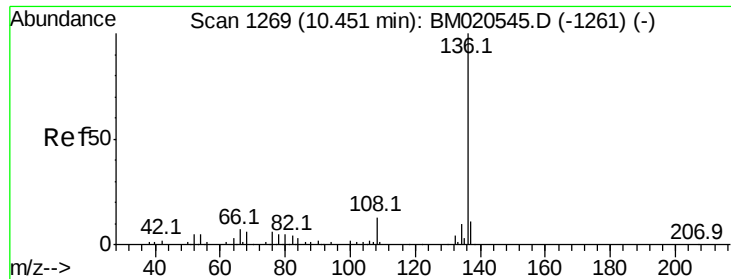
Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.4	66.5	106.5		
77	43.8	23.0	63.0		
79	37.2	18.2	58.2		





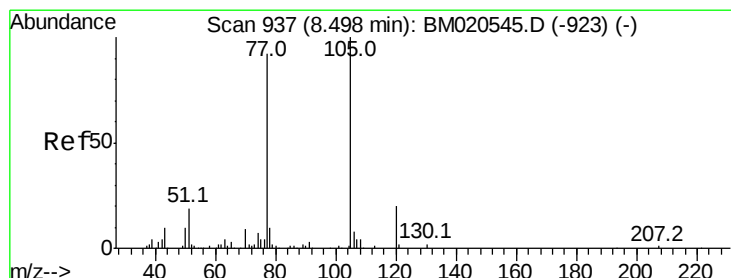
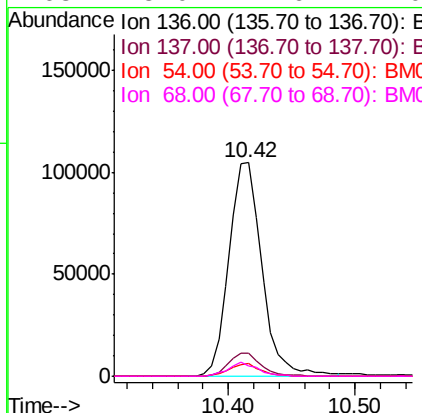
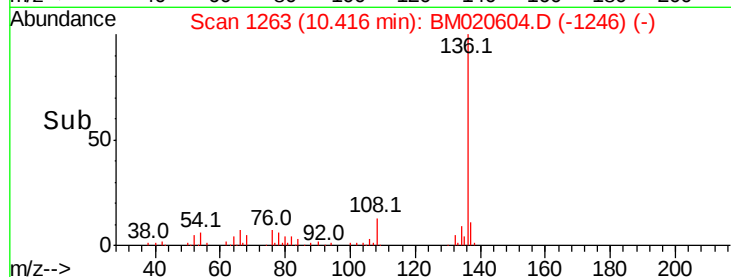
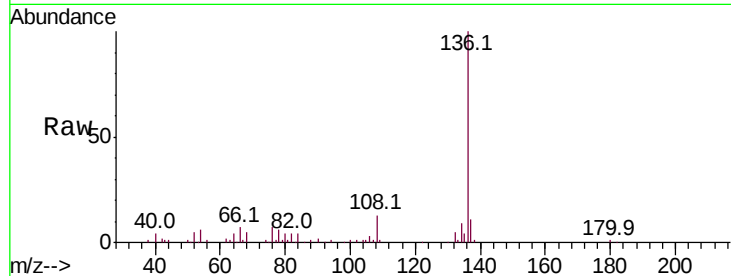
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	189327		
137	10.7		8.4	12.6
54	5.8		4.2	6.4
68	5.0		4.6	7.0

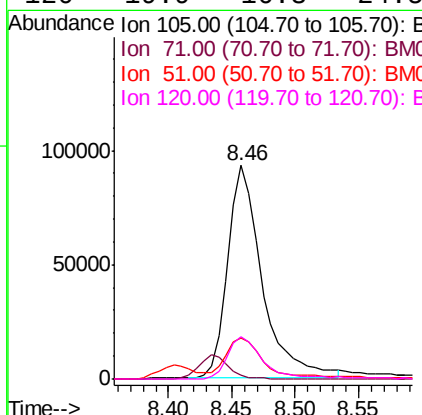
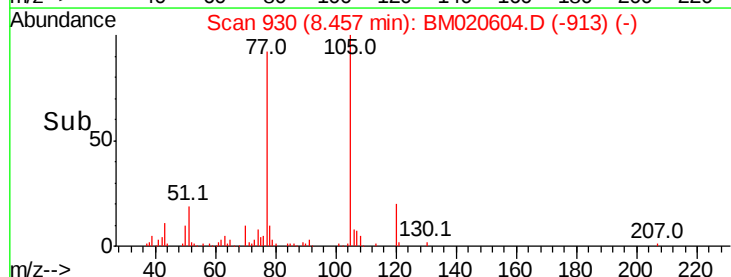
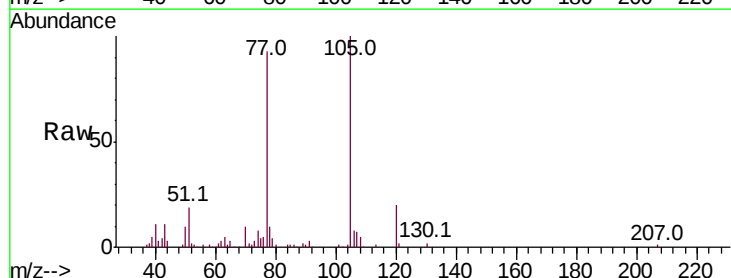
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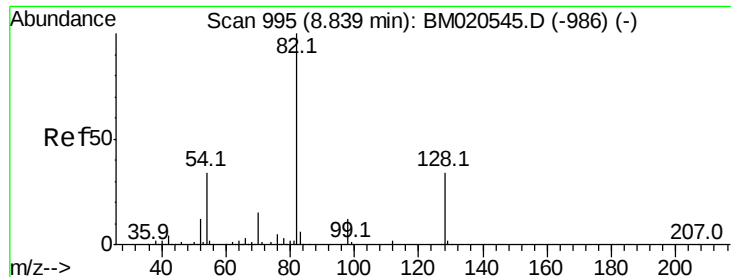
mohammad
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#22
Acetophenone
Concen: 33.924 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176862		
71	1.6		1.3	1.9
51	19.2		15.7	23.5
120	19.9		16.3	24.5





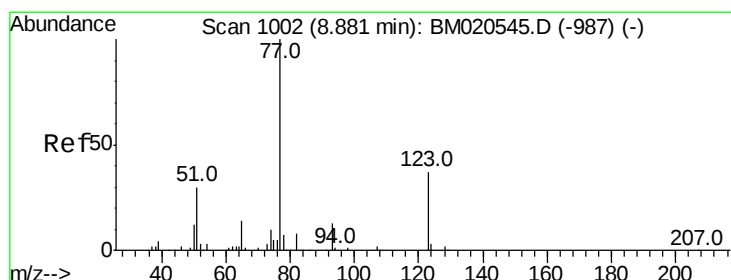
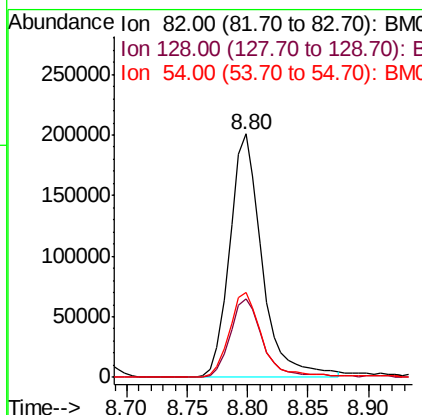
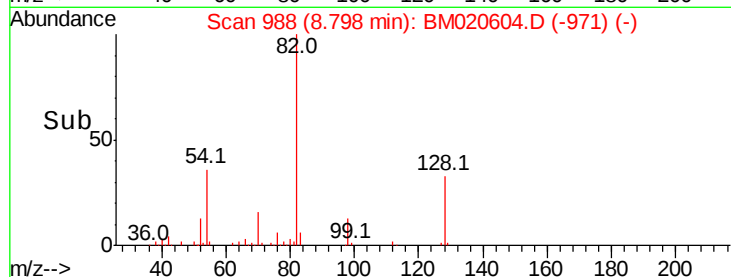
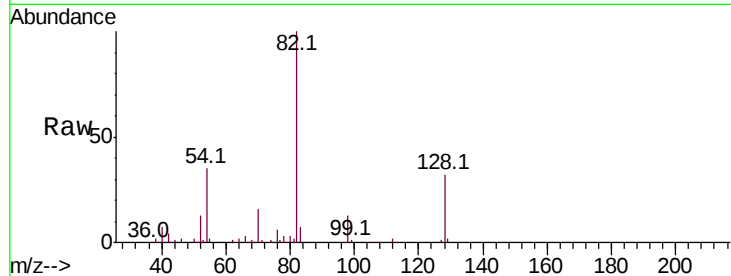
#23
Nitrobenzene-d5
Concen: 83.049 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampled :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.1	27.0	40.4	
54	35.0	27.4	41.2	

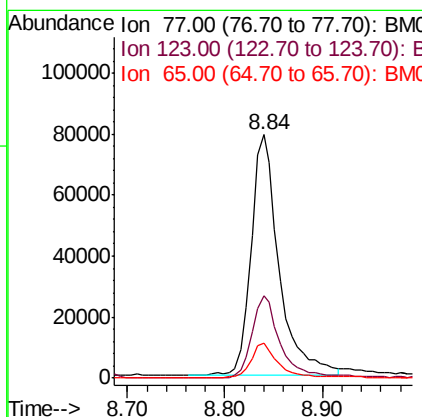
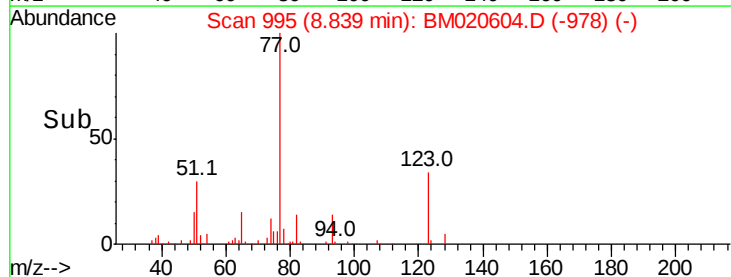
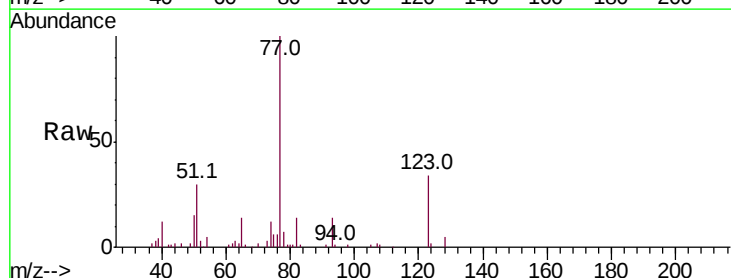
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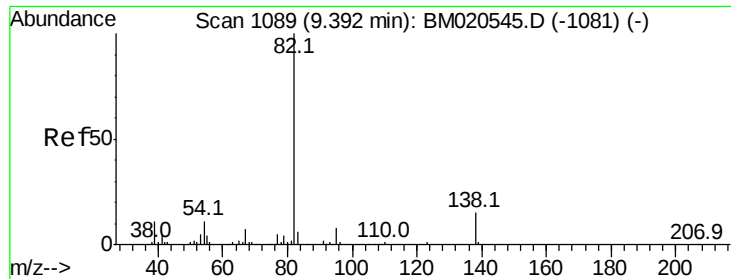
mohammad
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#24
Nitrobenzene
Concen: 36.102 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.1	29.4	44.2	
65	14.4	10.8	16.2	





#25

Isophorone

Concen: 34.580 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

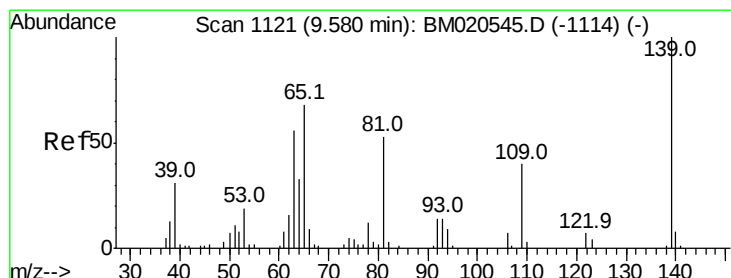
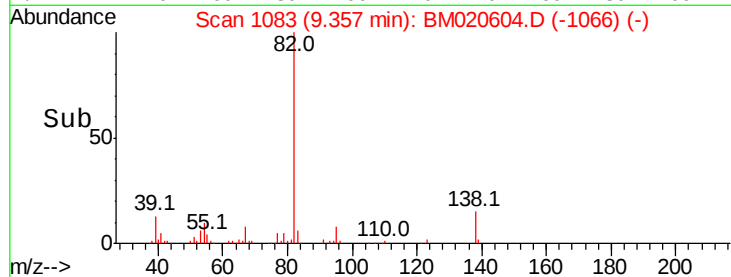
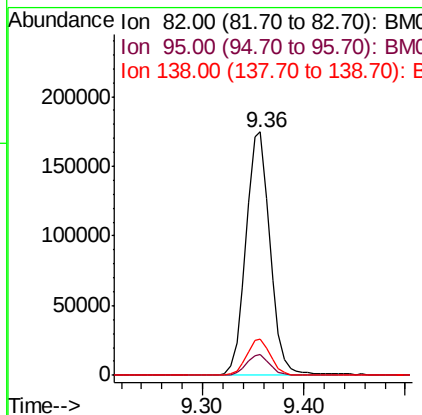
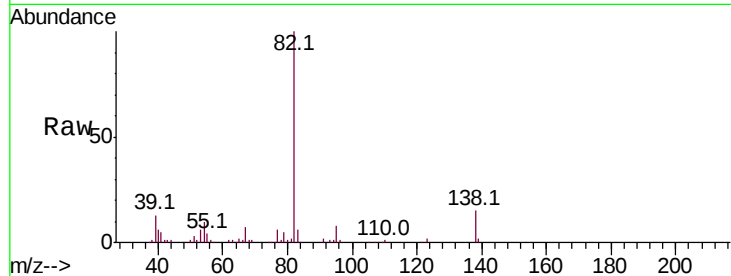
ClientSampleId :

PB120010BSD

Tot Ion:	82	Resp:	290239
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	15.1	12.0	18.0

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#26

2-Nitrophenol

Concen: 33.466 ng

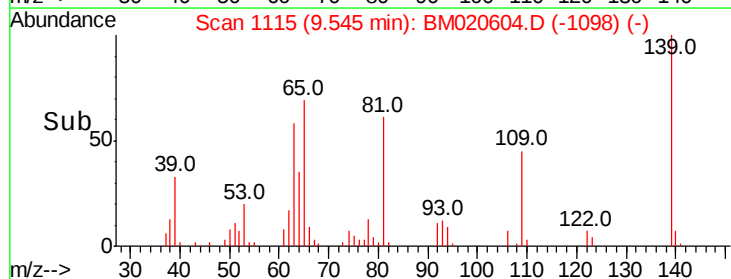
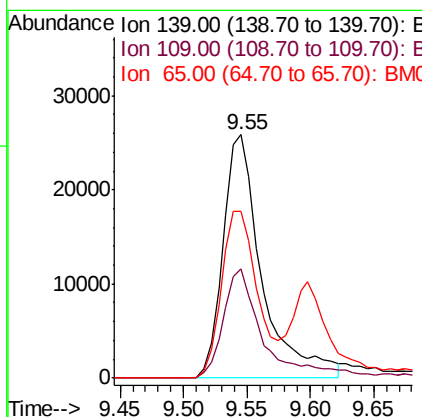
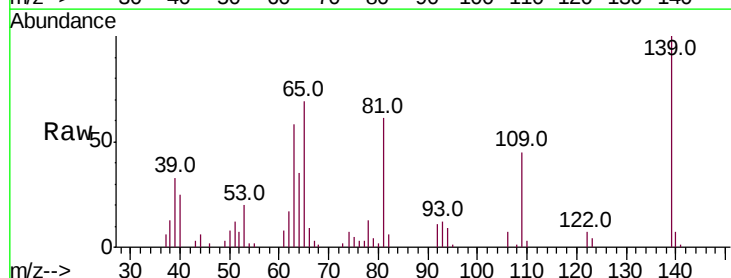
RT: 9.55 min Scan# 1115

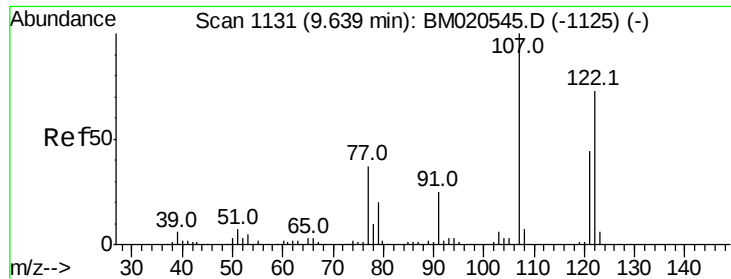
Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:	139	Resp:	55009
Ion Ratio	Lower	Upper	
139	100		
109	44.6	32.3	48.5
65	68.7	54.4	81.6





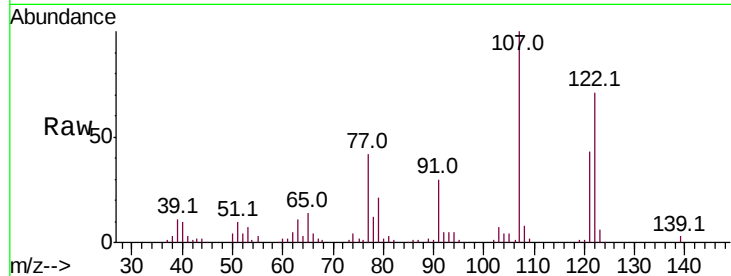
#27
2,4-Dimethylphenol
Concen: 38.643 ng
RT: 9.60 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampled :
PB120010BSD

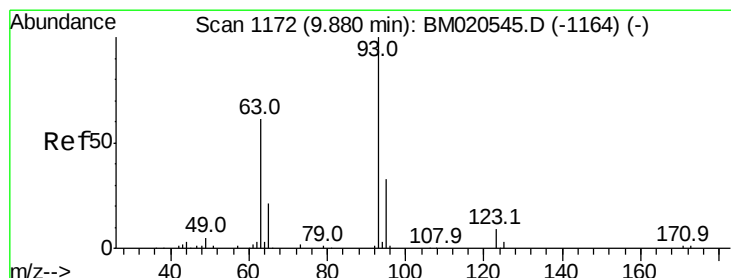
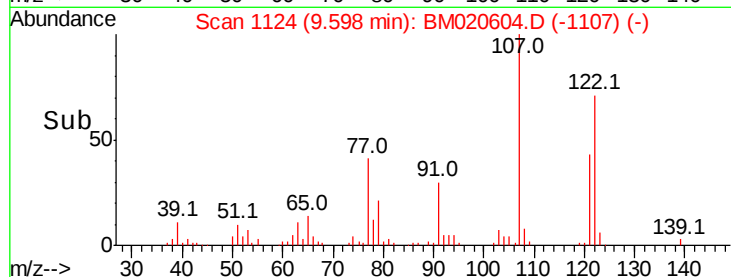
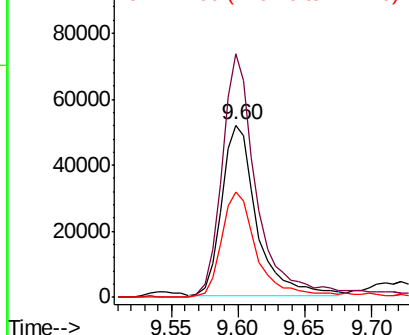
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.1	108.2	162.2
121	61.3	47.4	71.0

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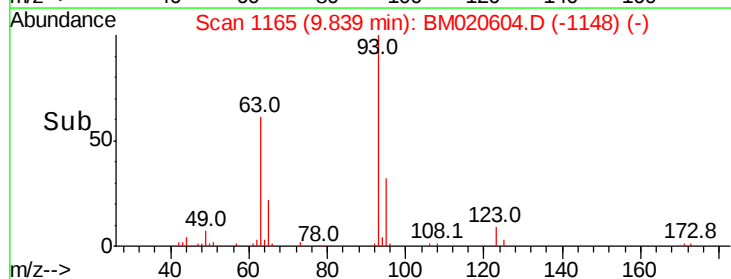
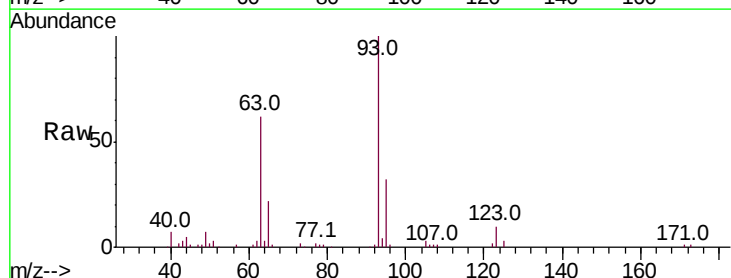
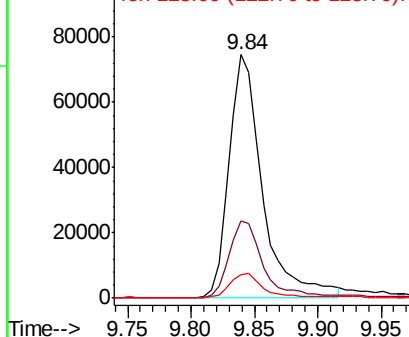
Abundance Ion 122.00 (121.70 to 122.70): E
100000 Ion 107.00 (106.70 to 107.70): E
80000 Ion 121.00 (120.70 to 121.70): E

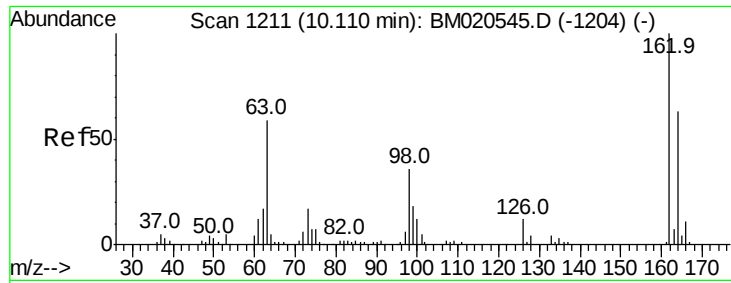


#28
bis(2-Chloroethoxy)methane
Concen: 31.379 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	9.9	8.1	12.1

Abundance Ion 93.00 (92.70 to 93.70): BM0
100000 Ion 95.00 (94.70 to 95.70): BM0
80000 Ion 123.00 (122.70 to 123.70): E





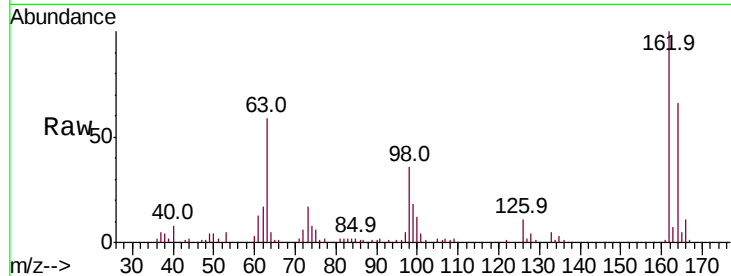
#29
 2,4-Dichlorophenol
 Concen: 36.049 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

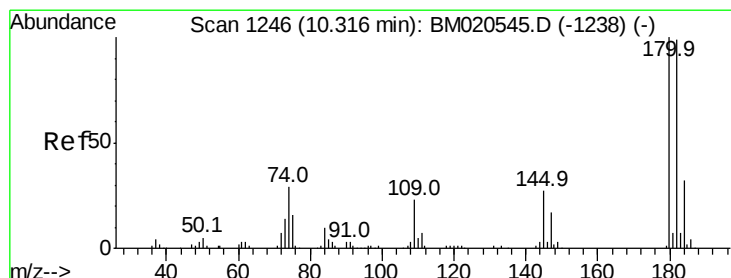
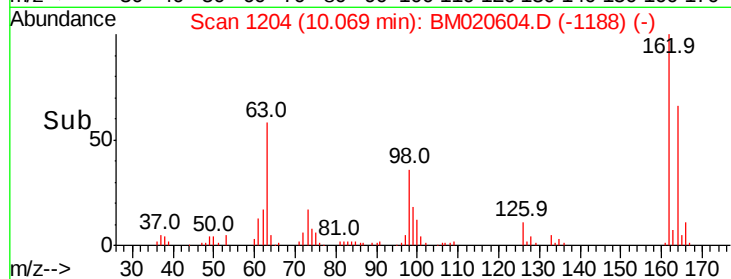
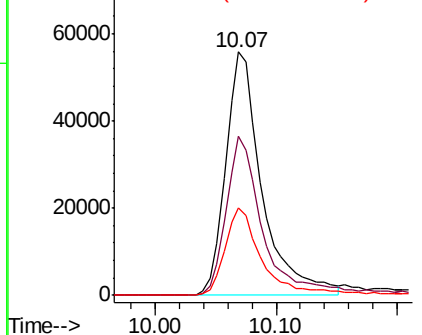
Tot Ion:	162	Resp:	117398
Ion Ratio	Lower	Upper	
162	100		
164	65.5	43.1	83.1
98	35.9	16.2	56.2

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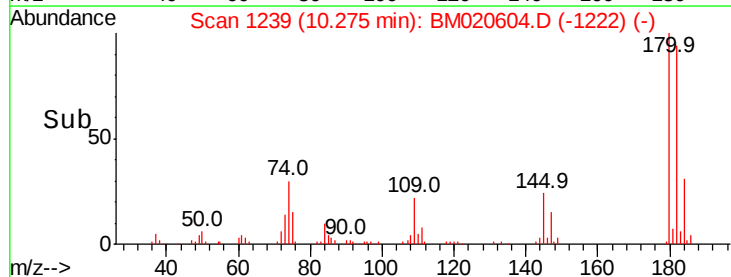
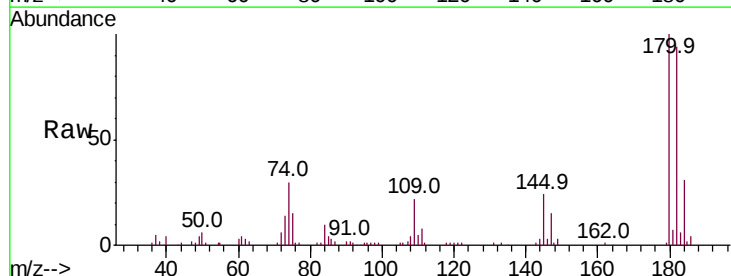
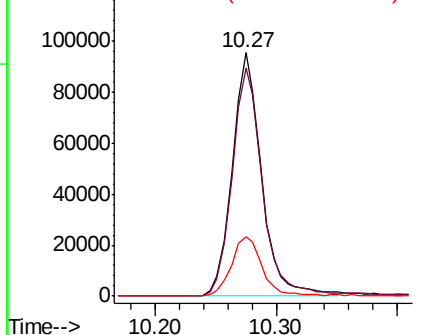
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

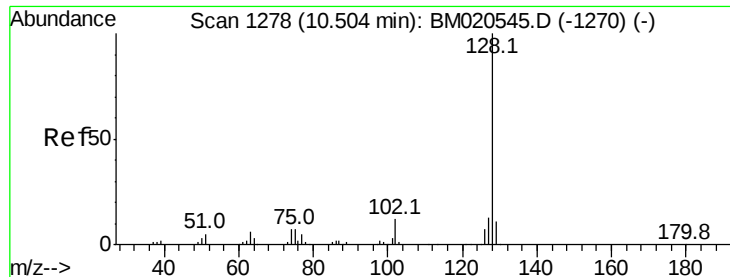


#30
 1,2,4-Trichlorobenzene
 Concen: 36.323 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion:	180	Resp:	161738
Ion Ratio	Lower	Upper	
180	100		
182	94.0	78.8	118.2
145	24.5	21.3	31.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





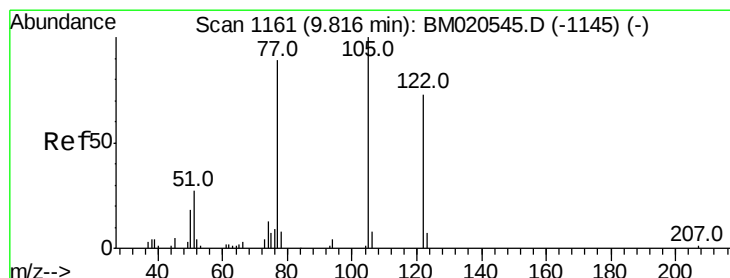
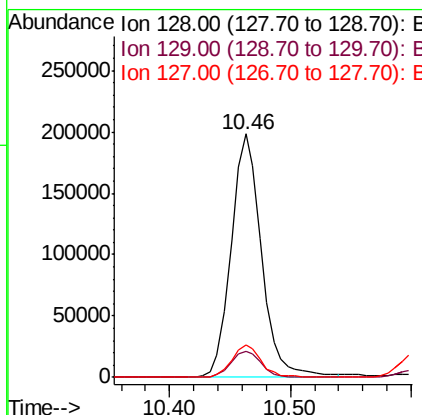
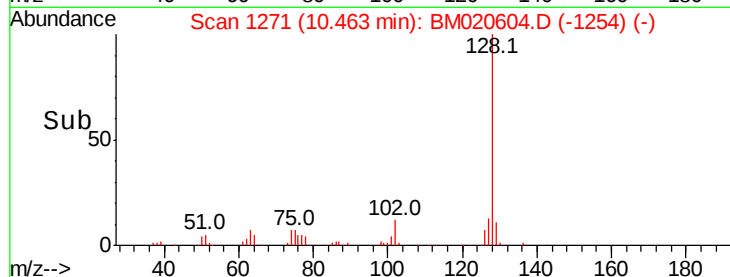
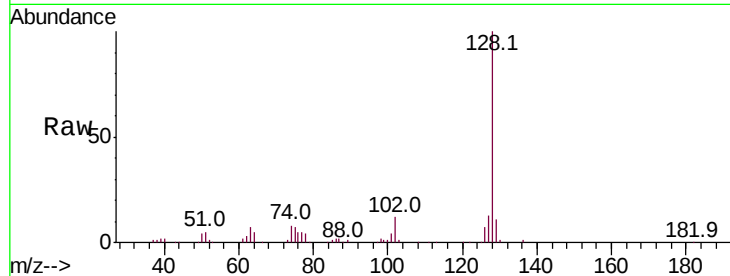
#31
Naphthalene
Concen: 35.591 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampled :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.0	13.6	
127	13.2	10.4	15.6	

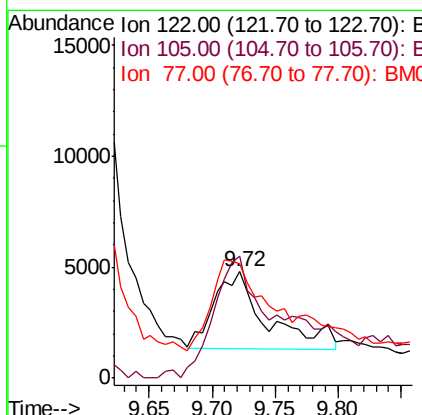
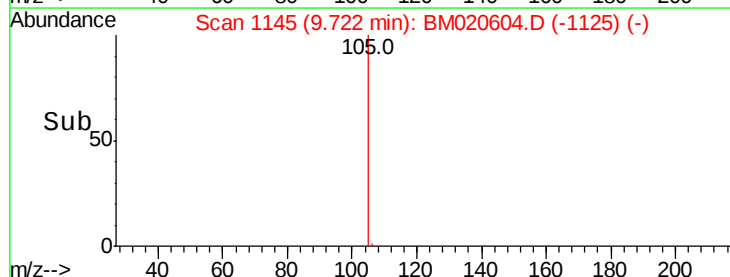
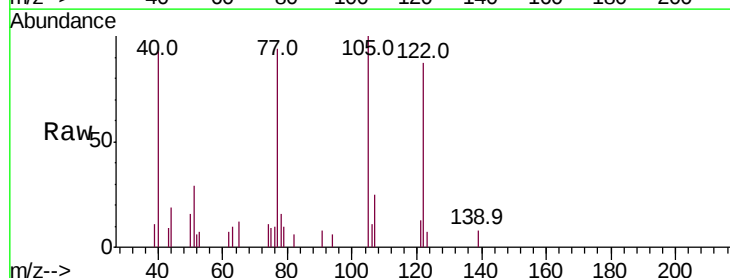
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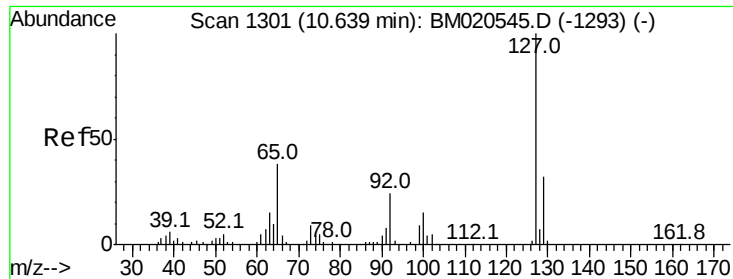
mohammad
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#32
Benzoic acid
Concen: 14.955 ng m
RT: 9.72 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	115.1	108.8	148.8	
77	107.8	97.8	137.8	





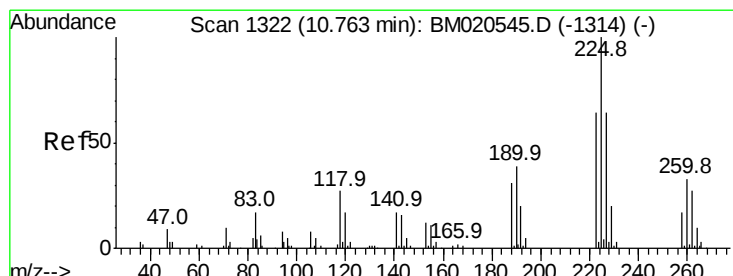
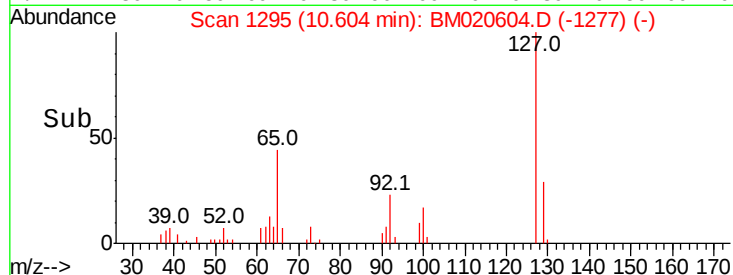
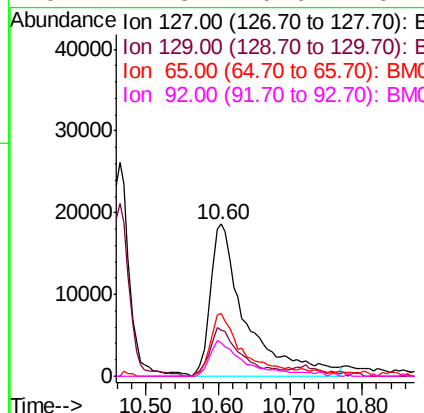
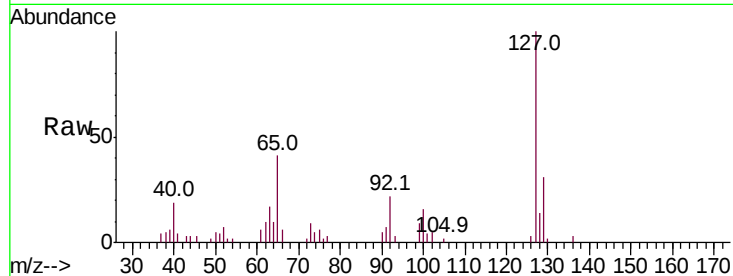
#33
4-Chloroaniline
Concen: 16.369 ng/mL
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	25.4	38.2		
65	41.0	30.6	45.8		
92	21.8	19.6	29.4		

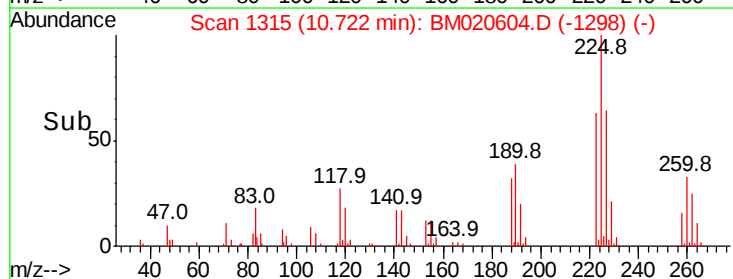
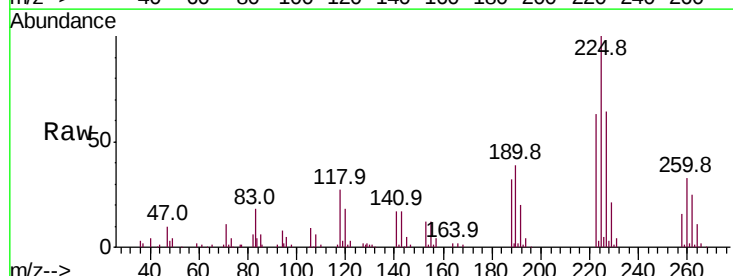
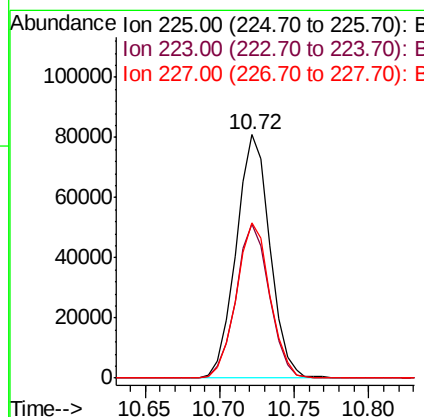
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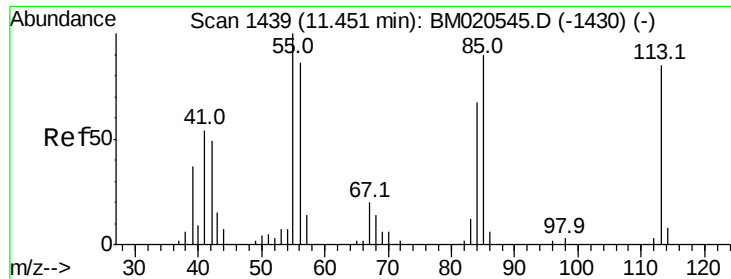
mohammad
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#34
Hexachlorobutadiene
Concen: 38.399 ng/mL
RT: 10.72 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.4	77.0		
227	63.9	51.0	76.6		





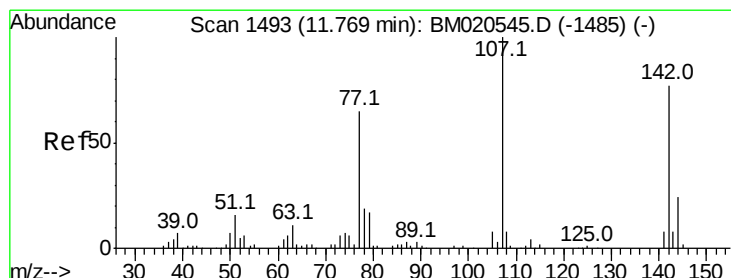
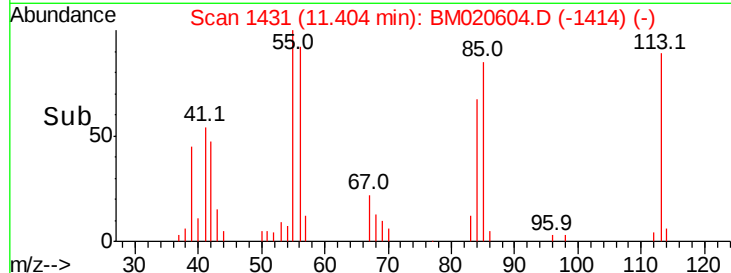
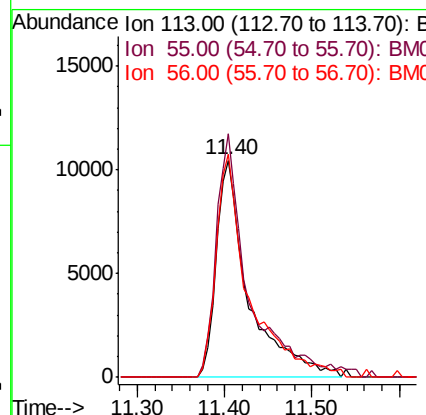
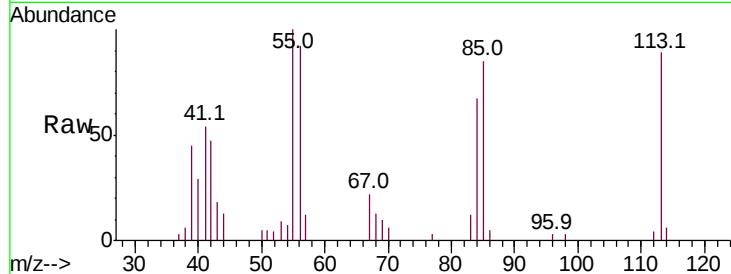
#35
Caprolactam
Concen: 25.229 ng/ml
RT: 11.40 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.2	97.6	137.6
56	102.7	81.6	121.6

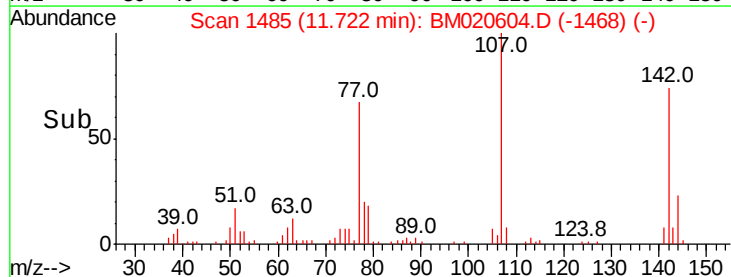
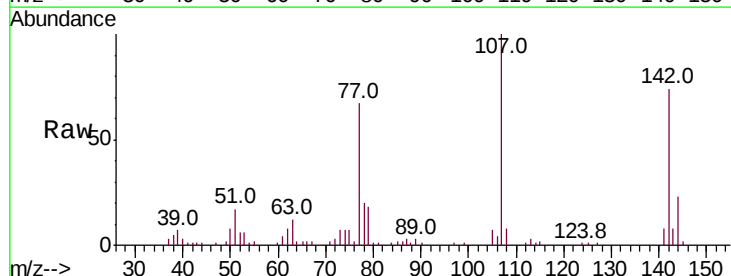
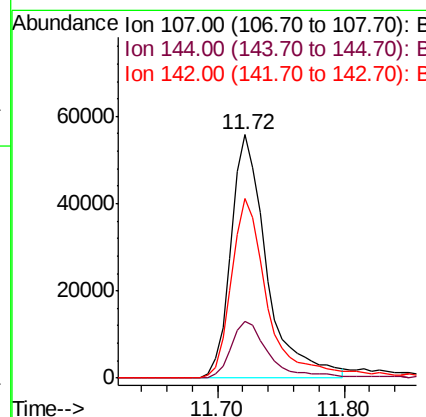
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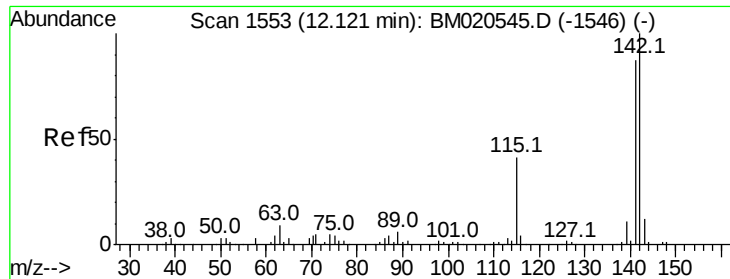
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 30.892 ng
RT: 11.72 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.0	28.6
142	74.0	61.3	91.9





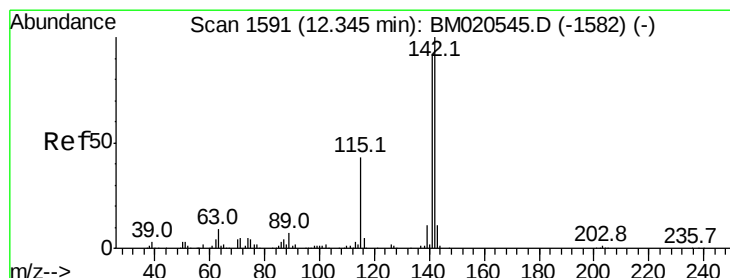
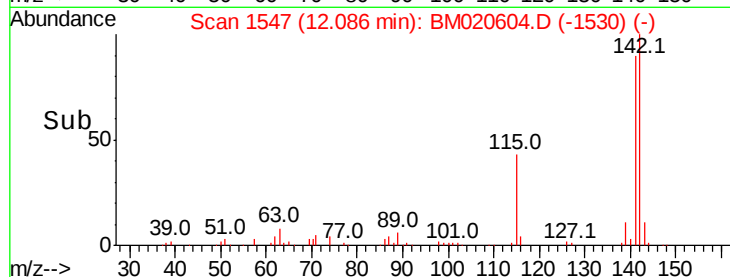
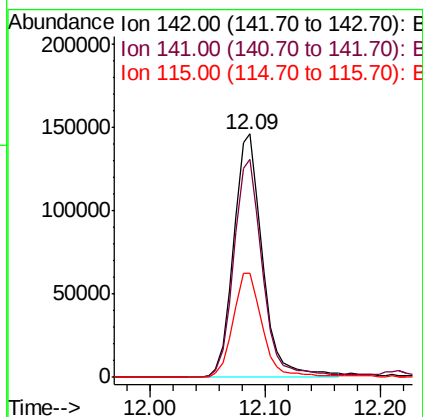
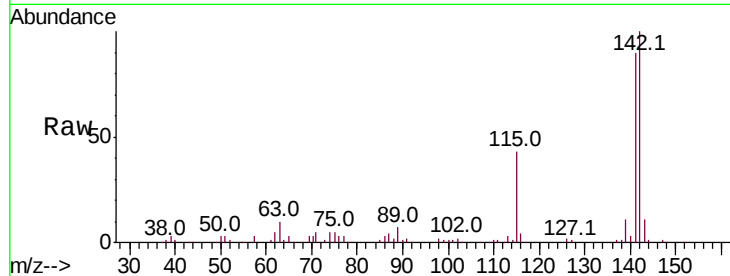
#37
2-Methylnaphthalene
Concen: 33.924 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.9	104.9
115	43.0	32.9	49.3

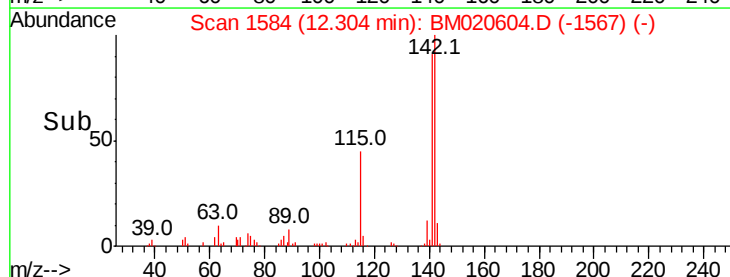
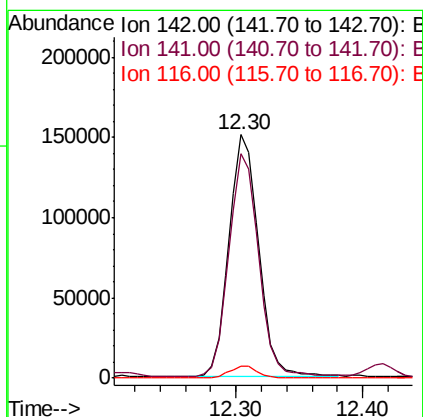
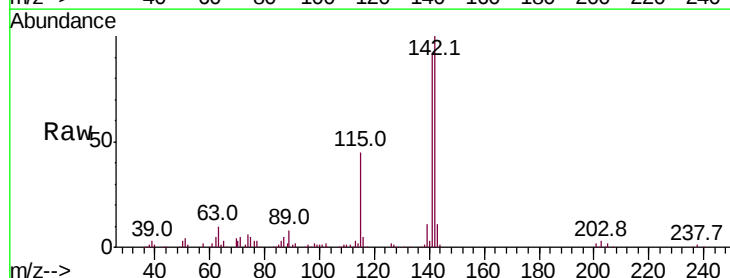
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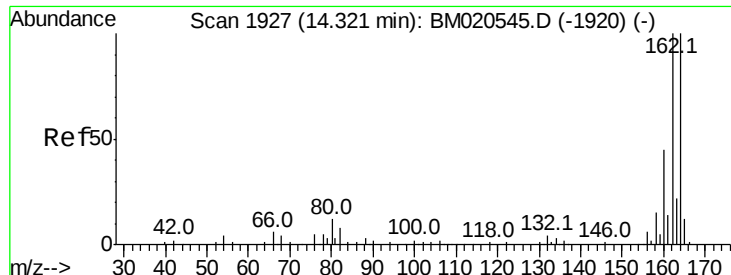
mohammad
5/30/2019 8:16:27 AM



#38
1-Methylnaphthalene
Concen: 33.591 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	5.0	3.7	5.5





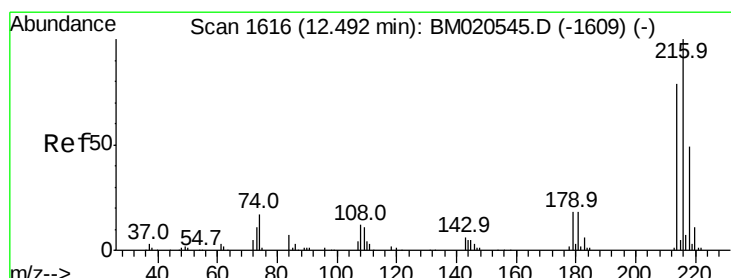
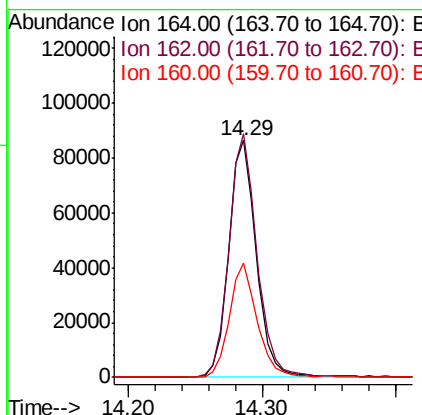
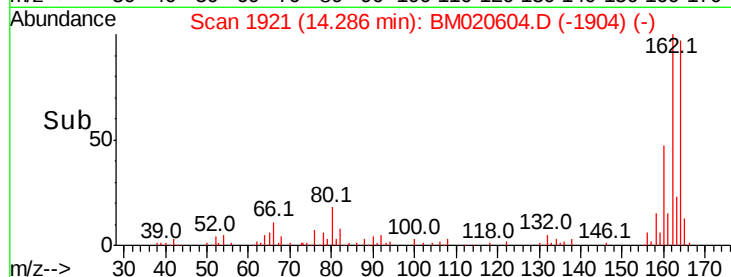
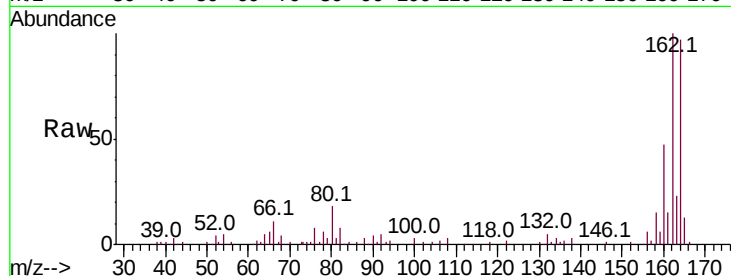
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.8	119.8
160	48.5	35.9	53.9

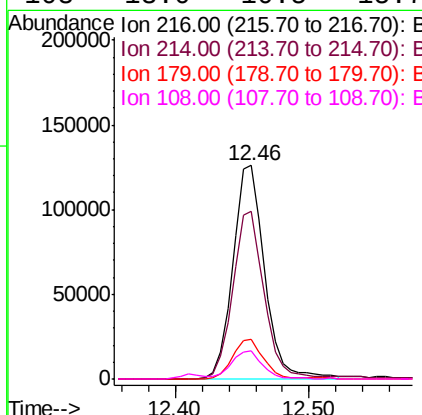
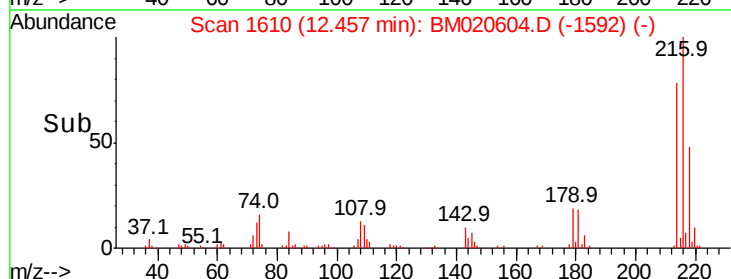
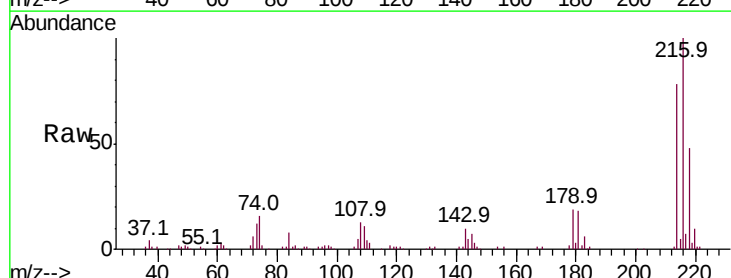
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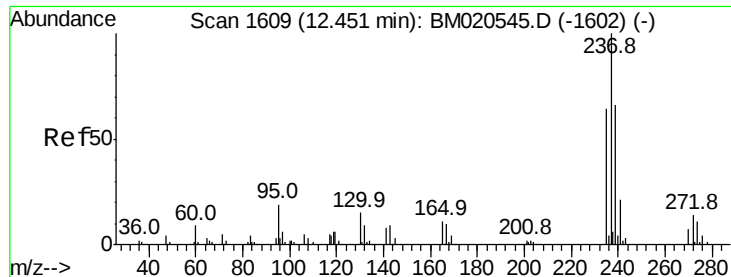
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.723 ng
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.6
179	18.5	14.8	22.2
108	13.0	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 54.665 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

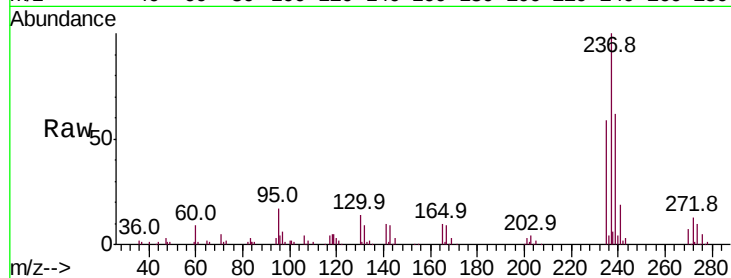
ClientSampleId :

PB120010BSD

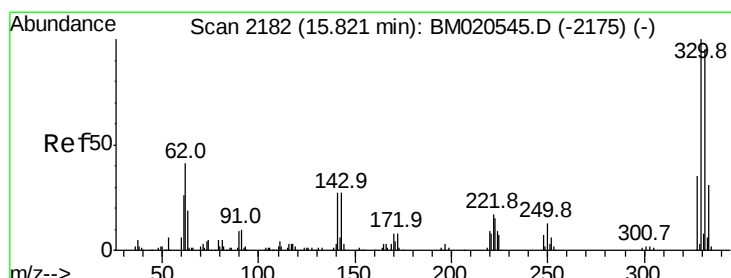
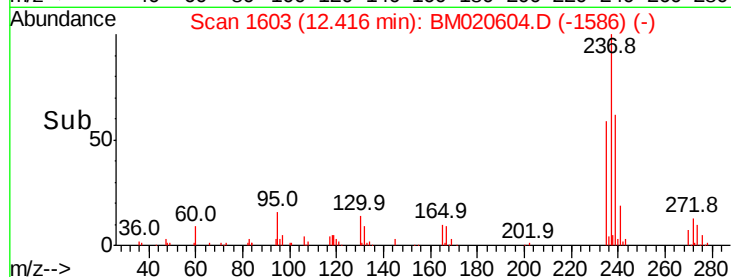
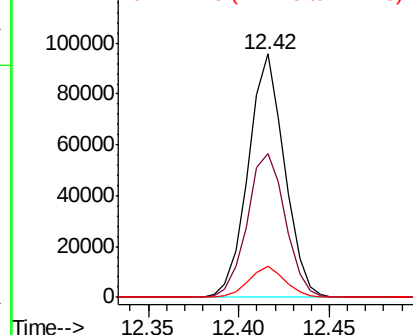
Tot Ion:	237	Resp:	133069
Ion Ratio	Lower	Upper	
237	100		
235	59.1	43.5	83.5
272	12.8	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 106.660 ng

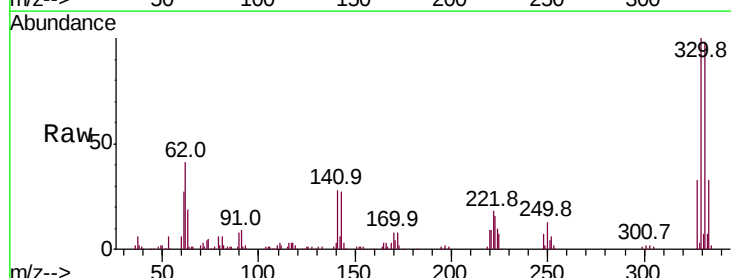
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

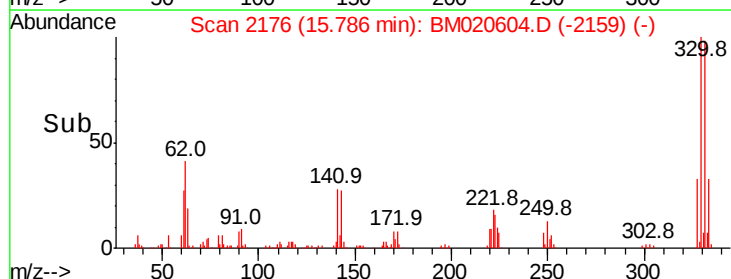
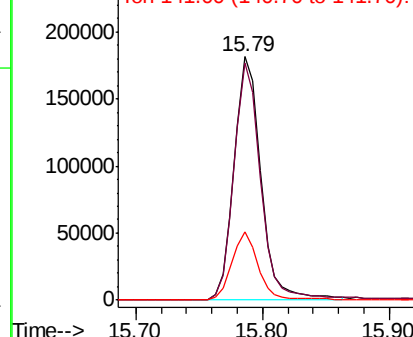
Lab File: BM020604.D

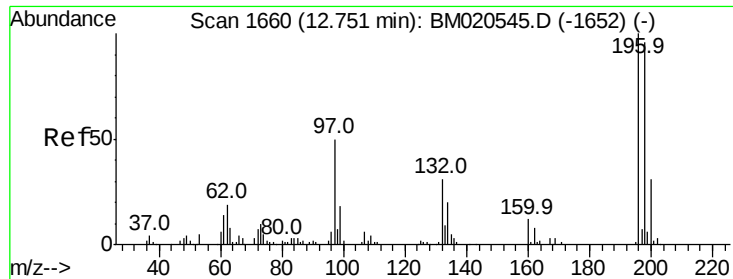
Acq: 29 May 2019 17:59

Tgt Ion:	330	Resp:	266764
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.5	116.3
141	27.7	21.7	32.5



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





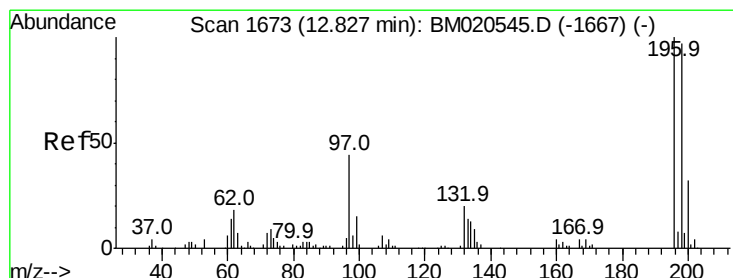
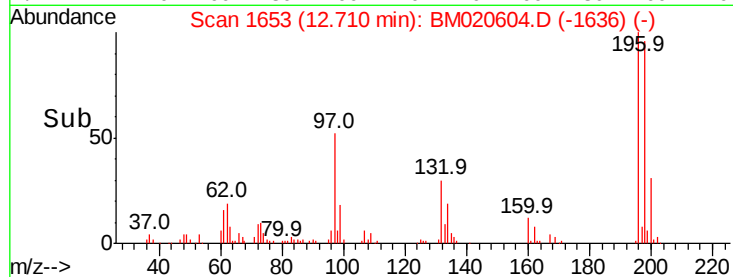
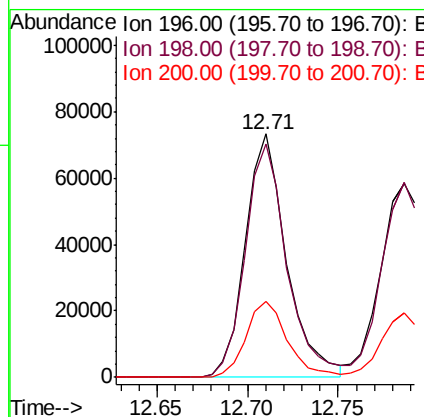
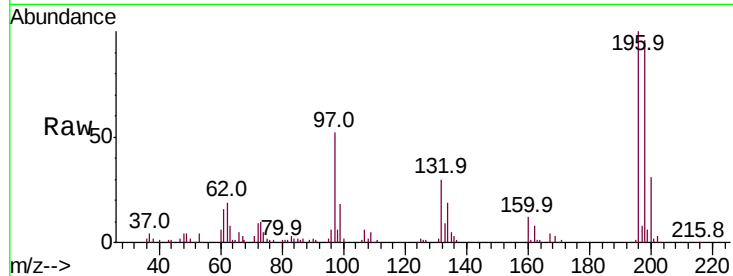
#43
 2,4,6-Trichlorophenol
 Concen: 35.750 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116102		
198	96.0	76.4	114.6	
200	31.4	25.0	37.4	

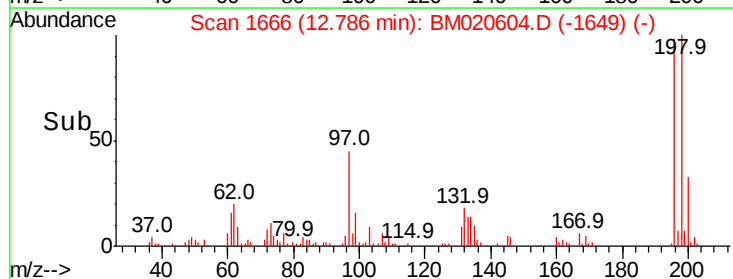
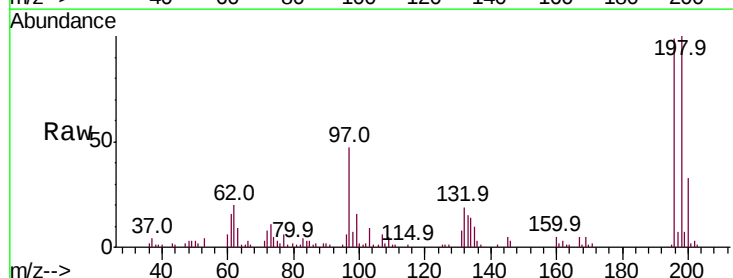
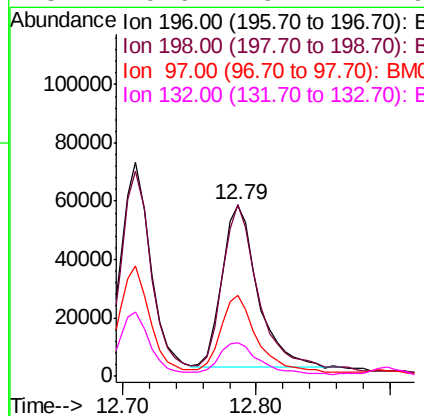
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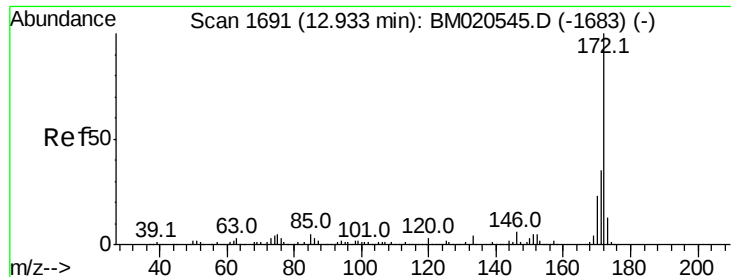
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#44
 2,4,5-Trichlorophenol
 Concen: 34.736 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105344		
198	100.7	77.6	116.4	
97	47.4	35.4	53.0	
132	19.6	16.4	24.6	





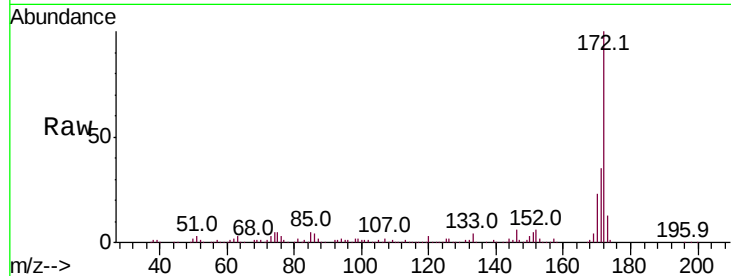
#45
2-Fluorobiphenyl
Concen: 85.003 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

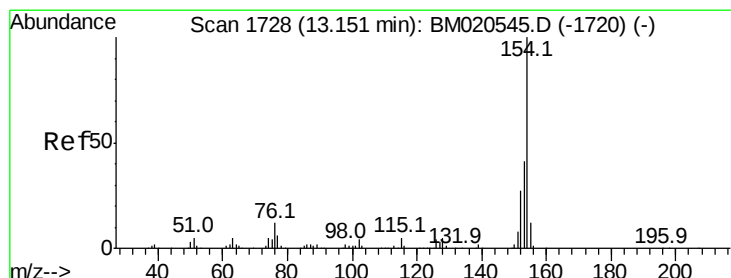
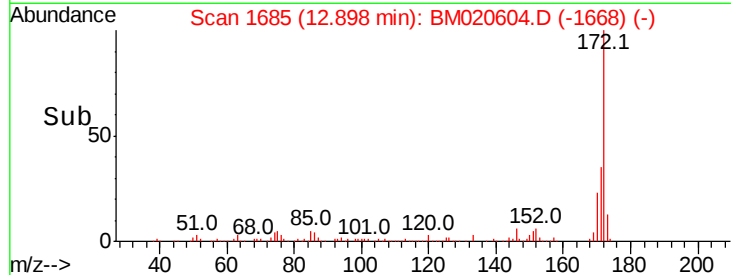
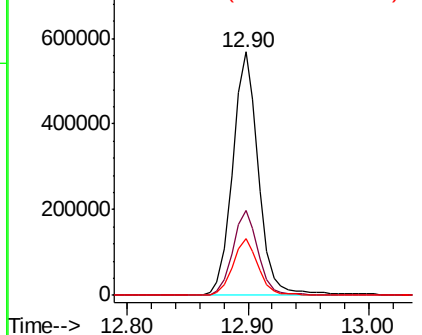
Tot Ion	Ratio	Resp	Lower	Upper
172	100	845671		
171	34.6		27.9	41.9
170	23.1		18.2	27.4

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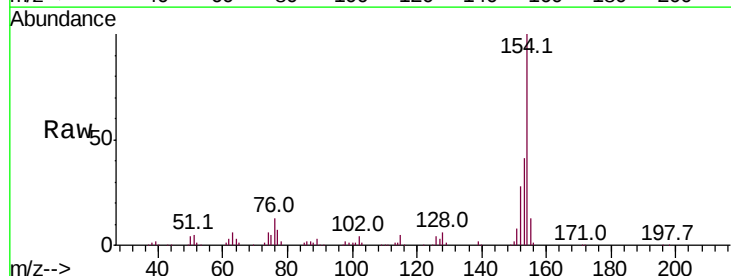


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

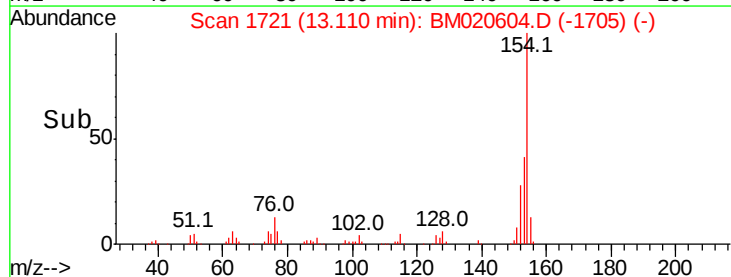
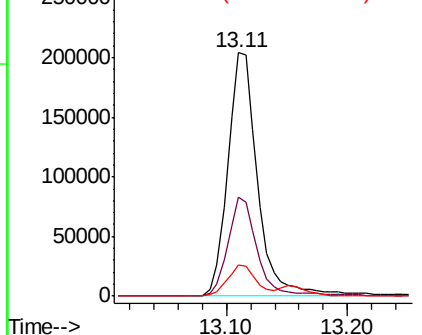


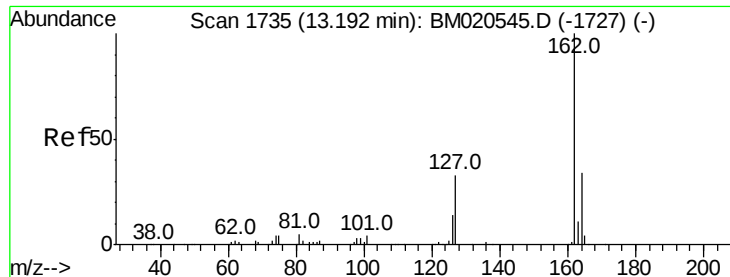
#46
1,1'-Biphenyl
Concen: 36.248 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	348512		
153	40.6		20.6	60.6
76	12.8		0.0	32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 34.863 ng

RT: 13.16 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

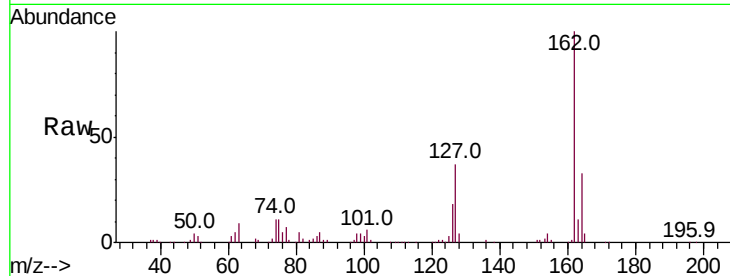
ClientSampleId :

PB120010BSD

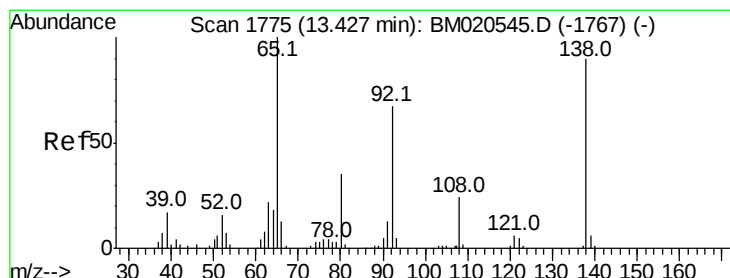
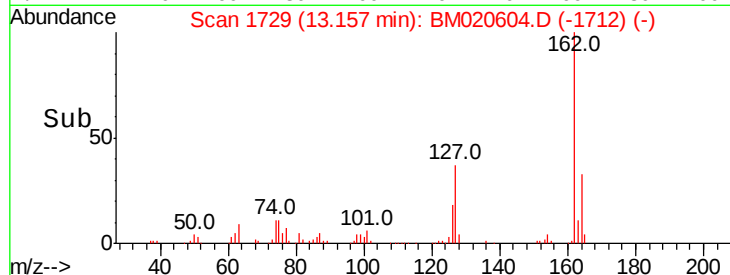
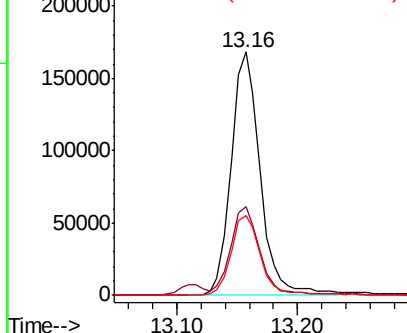
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	29.2	43.8
164	32.6	27.4	41.2

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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: 27.202 ng

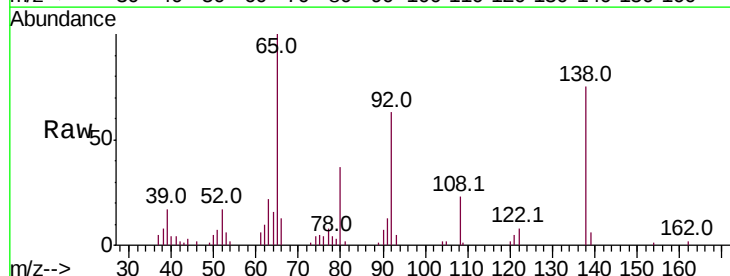
RT: 13.39 min Scan# 1768

Delta R.T. -0.01 min

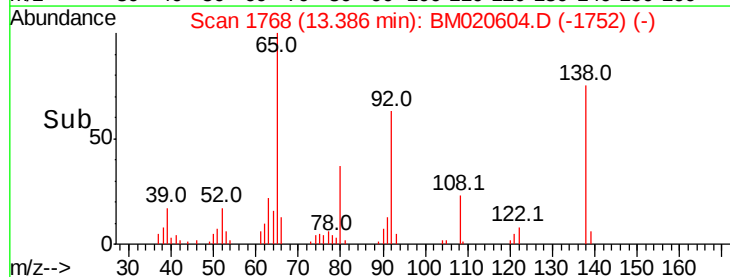
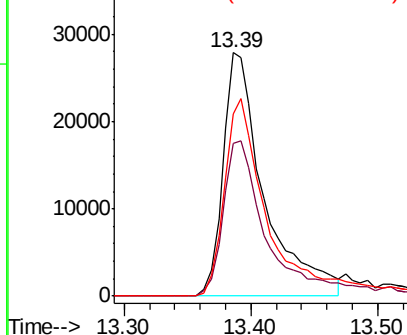
Lab File: BM020604.D

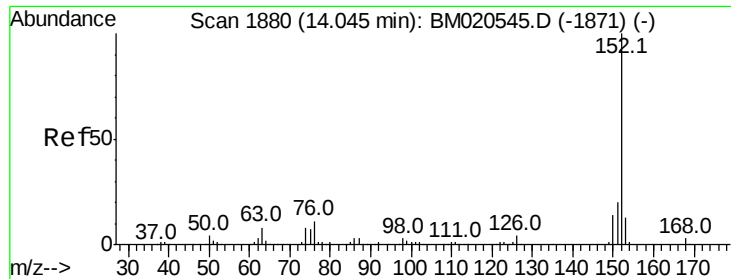
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	53.6	80.4
138	74.8	72.0	108.0



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: 34.805 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

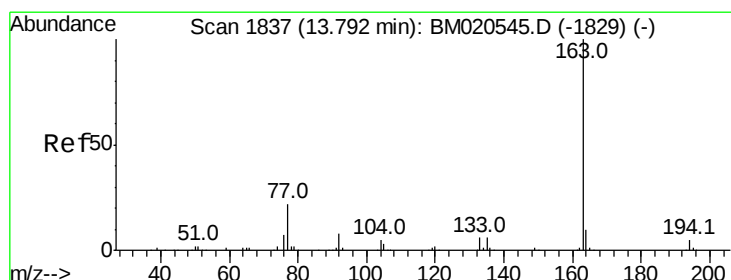
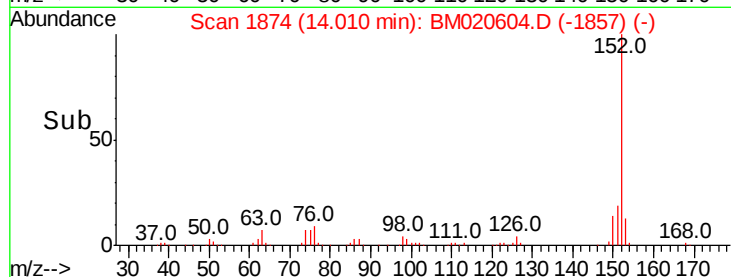
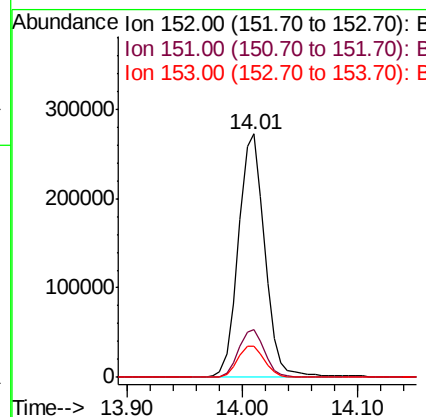
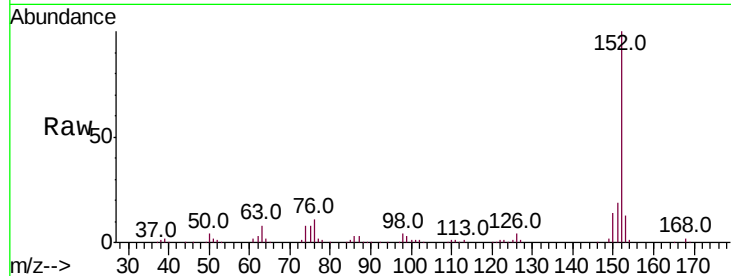
ClientSampleId :

PB120010BSD

Tot Ion:	152	Resp:	431395
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.7	23.5
153	12.7	10.2	15.2

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#50

Dimethylphthalate

Concen: 32.800 ng

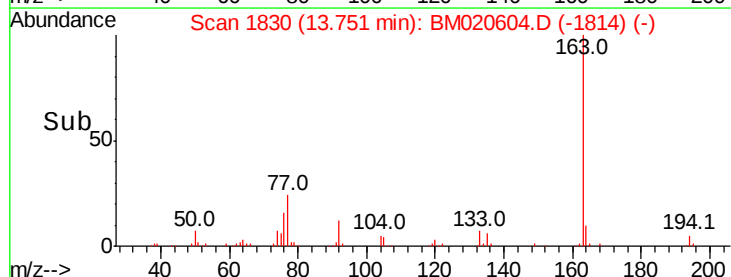
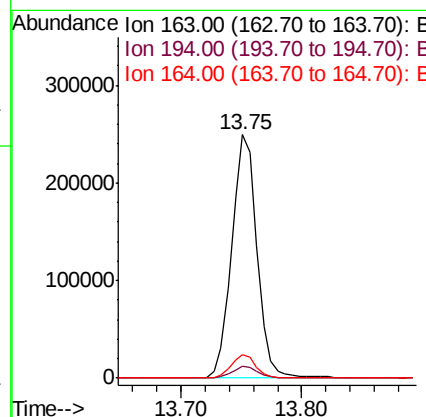
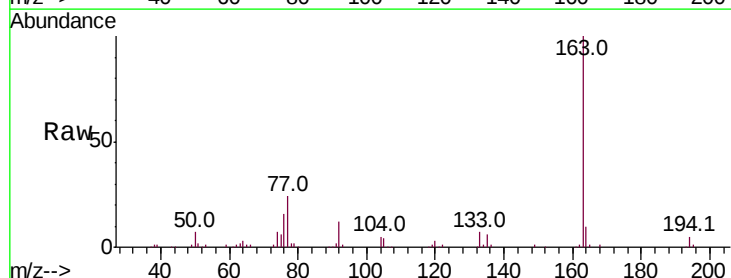
RT: 13.75 min Scan# 1830

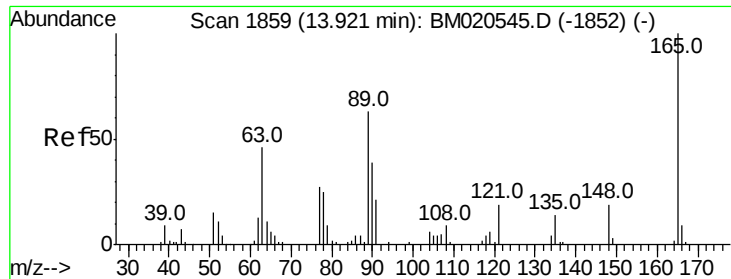
Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:	163	Resp:	362683
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.9	5.9
164	9.8	8.0	12.0





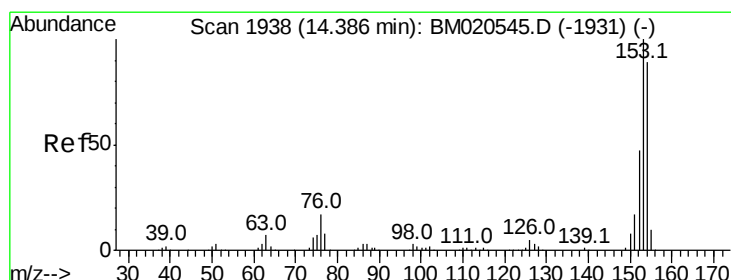
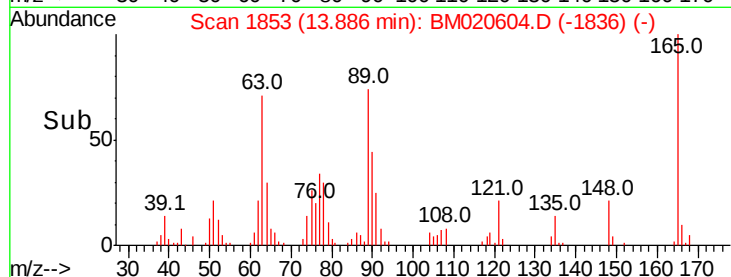
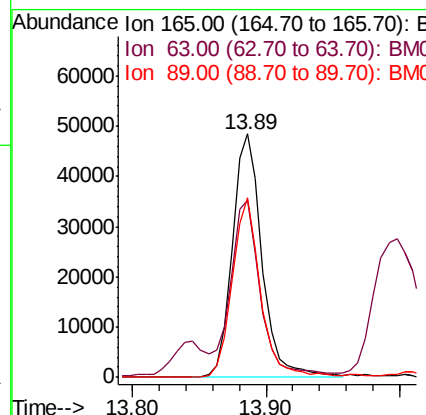
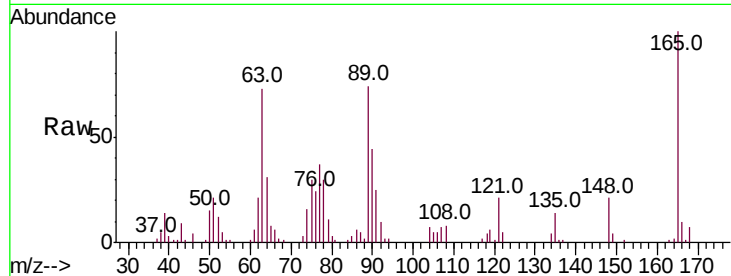
#51
 2,6-Dinitrotoluene
 Concen: 32.604 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	72.5	49.6	74.4
89	73.8	50.8	76.2

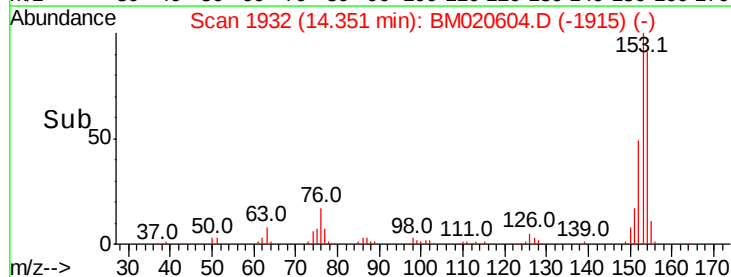
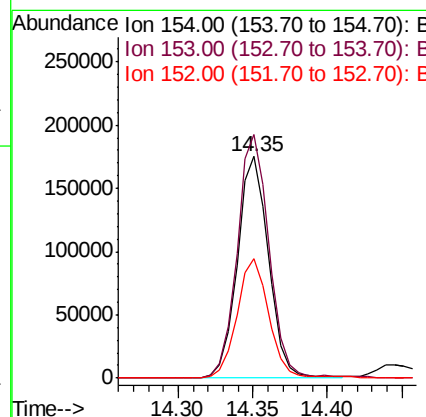
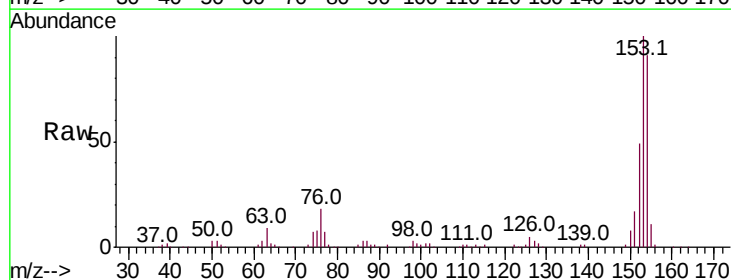
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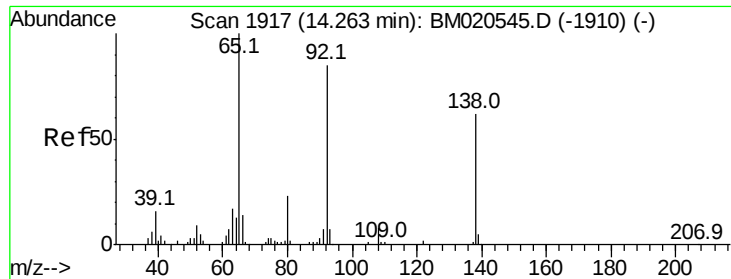
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#52
 Acenaphthene
 Concen: 34.247 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.2	135.4
152	53.7	42.0	63.0





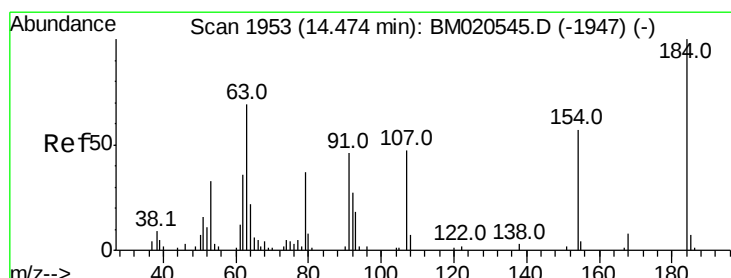
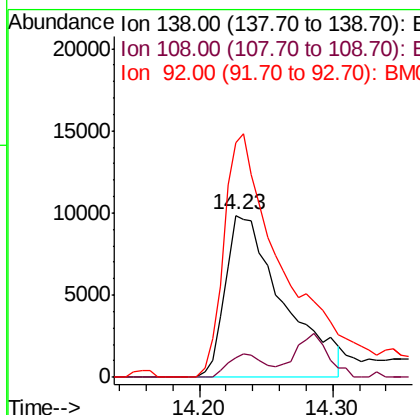
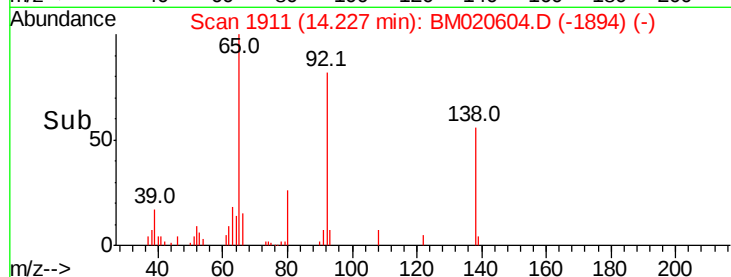
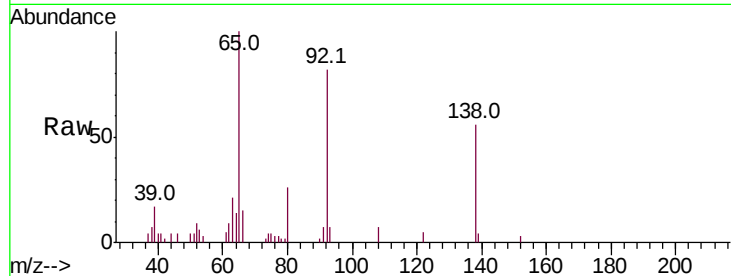
#53
3-Nitroaniline
Concen: 18.416 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	10.1	15.1
92	144.7	109.5	164.3

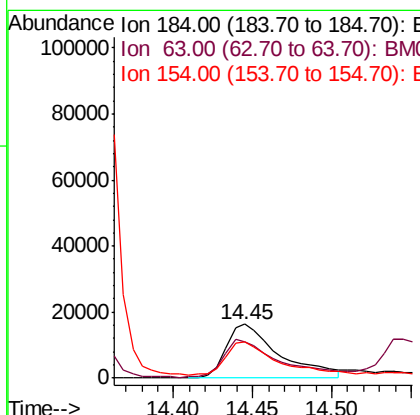
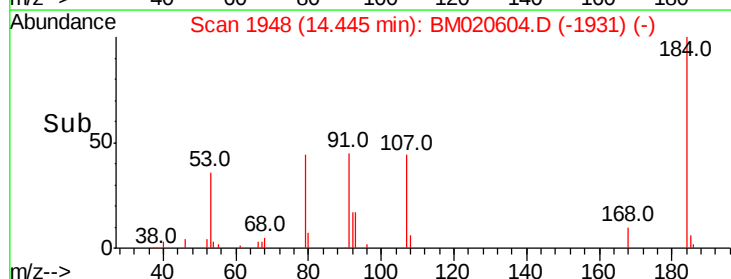
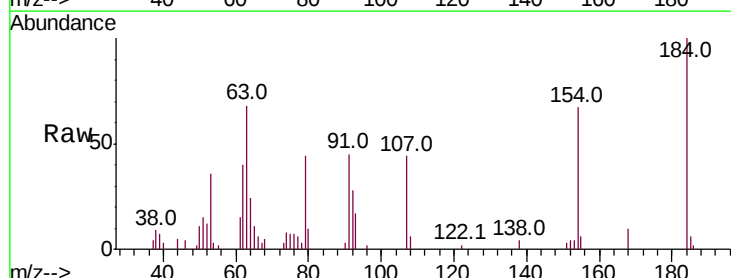
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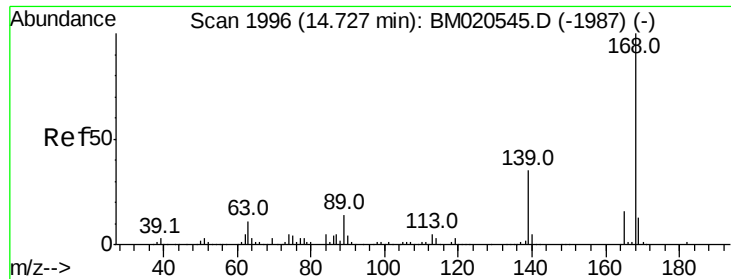
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#54
2,4-Dinitrophenol
Concen: 32.788 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	56.3	84.5
154	67.5	49.0	73.6





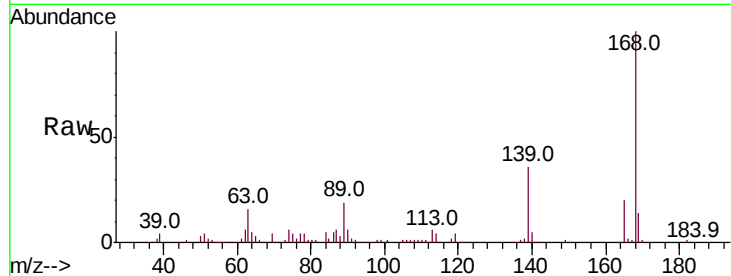
#55
Dibenzenofuran
Concen: 34.605 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	447273		
139	36.4	28.2	42.4	
169	14.2	10.6	16.0	

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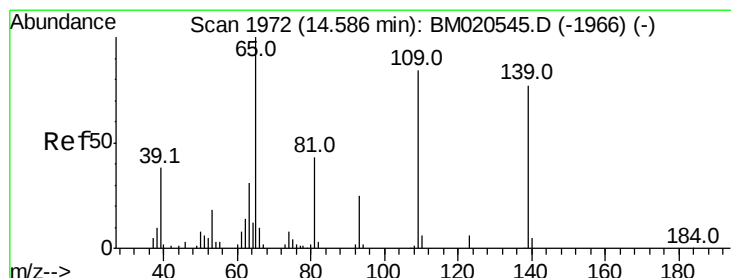
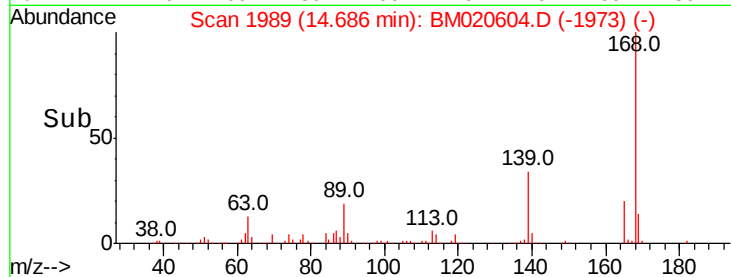
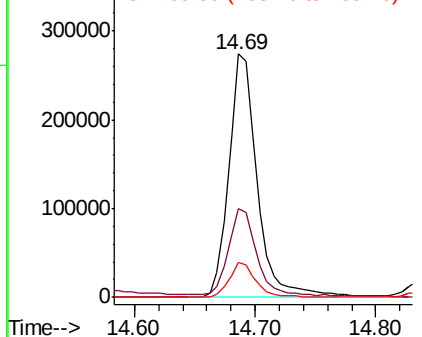


Abundance

Ion 168.00 (167.70 to 168.70): E

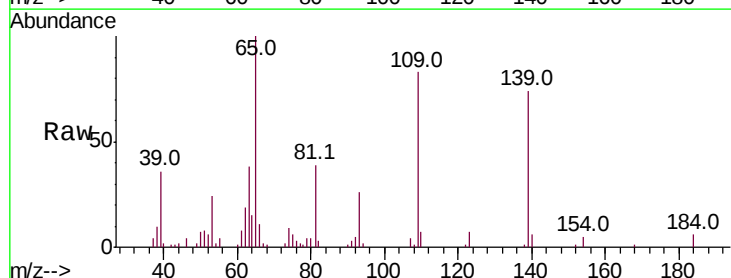
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 48.495 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67900		
109	112.2	89.4	129.4	
65	135.1	113.3	153.3	

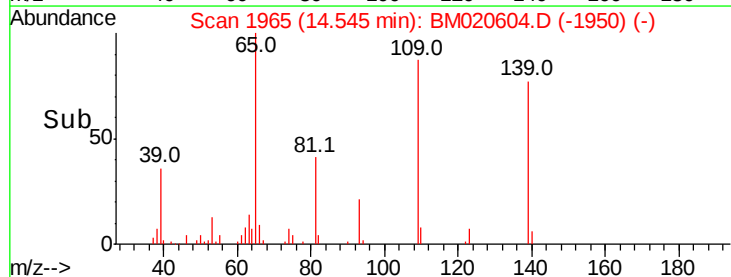
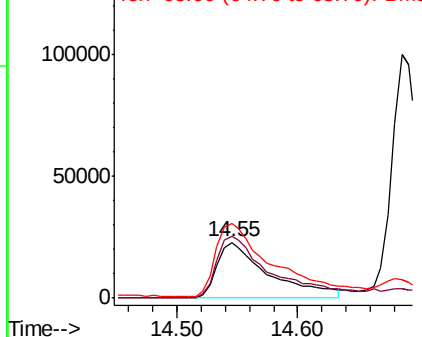


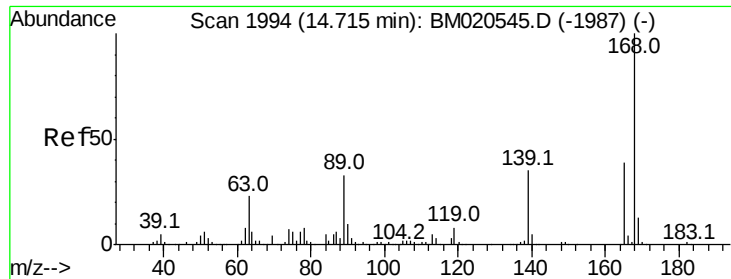
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





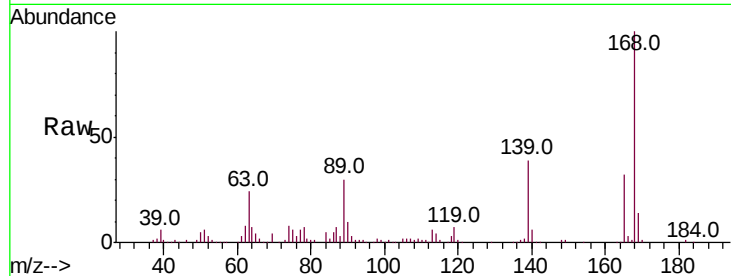
#57
2,4-Dinitrotoluene
Concen: 29.654 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

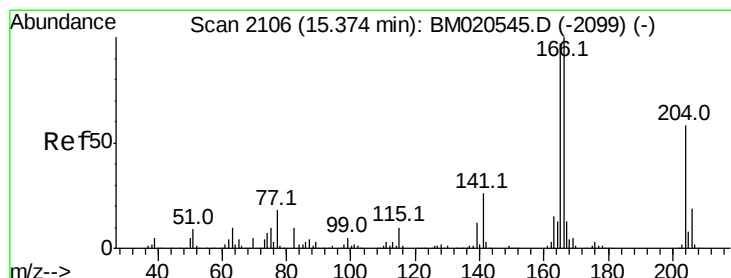
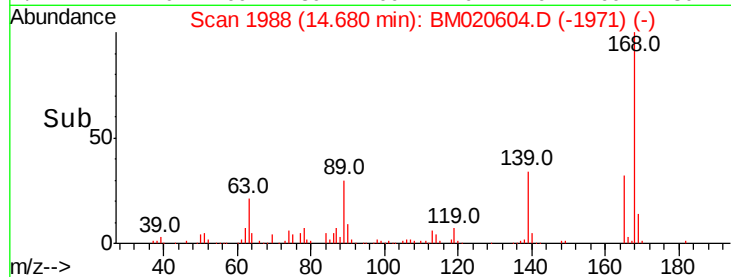
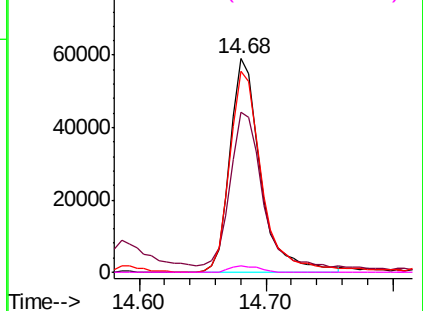
Tot Ion	Ratio	Lower	Upper
165	100		
63	75.0	48.7	73.1#
89	94.3	68.8	103.2
182	3.2	2.6	4.0

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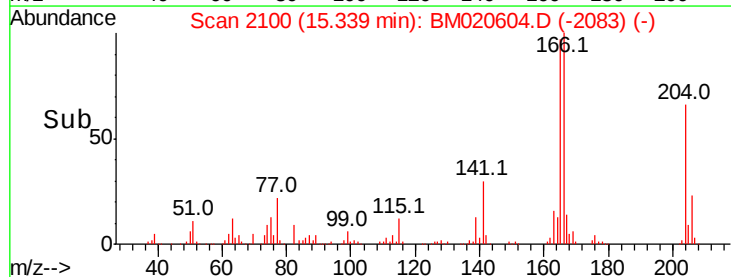
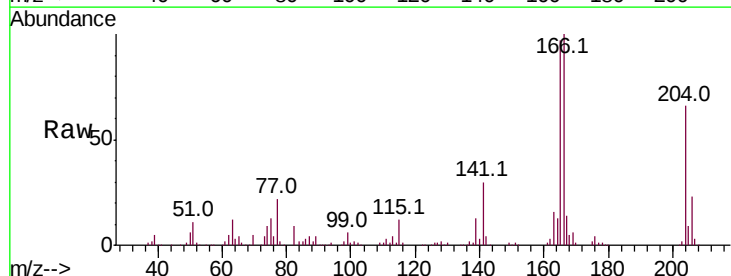
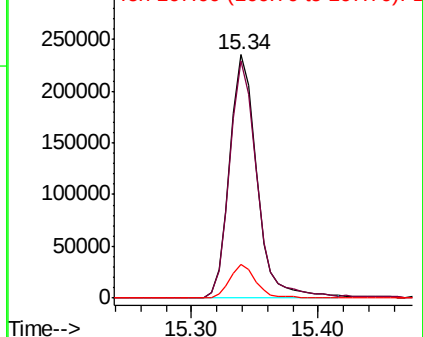
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

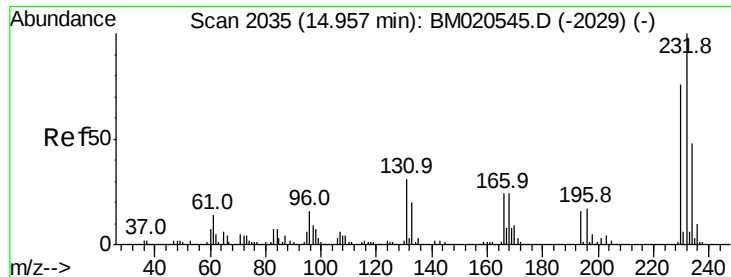


#58
Fluorene
Concen: 32.756 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.4	116.0
167	13.9	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





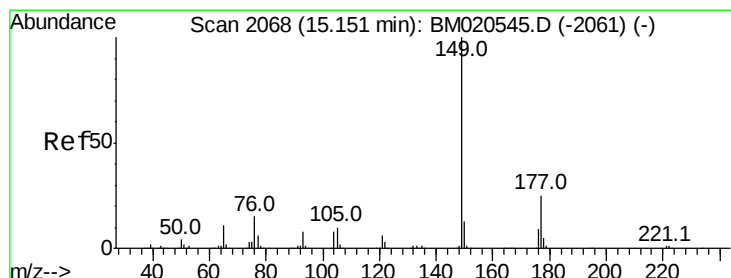
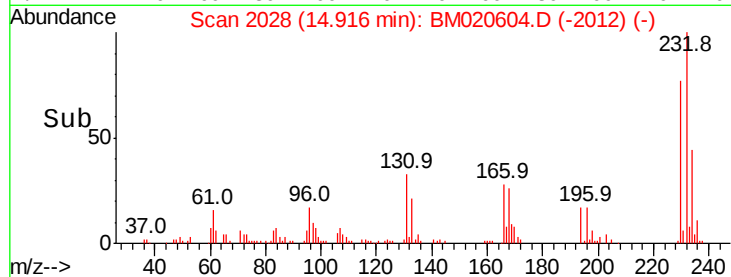
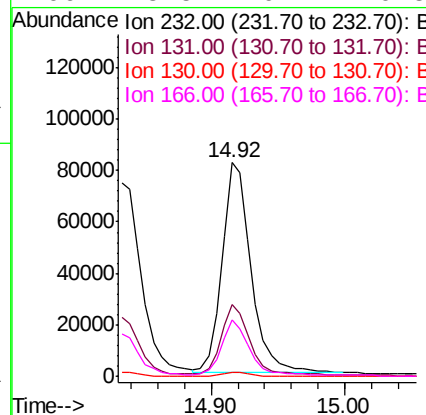
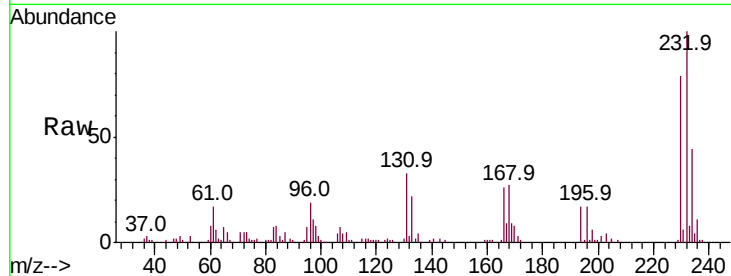
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.892 ng
 RT: 14.92 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	123127		
131	32.8	25.4	38.0	
130	1.9	1.5	2.3	
166	25.5	19.7	29.5	

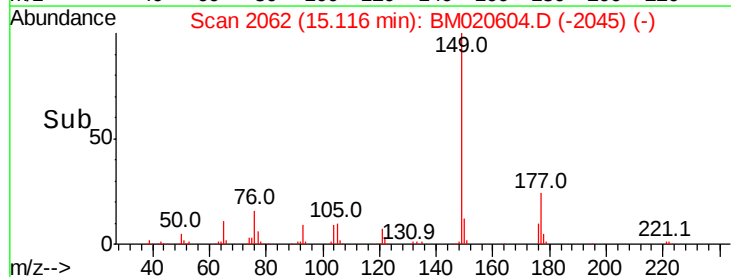
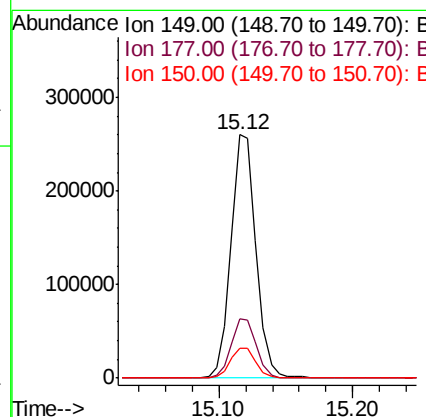
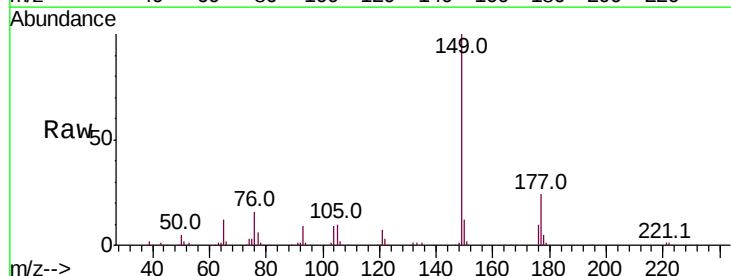
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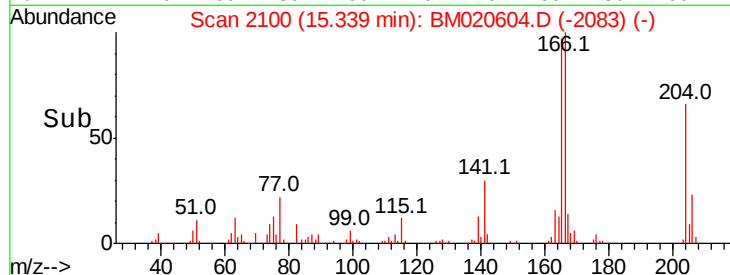
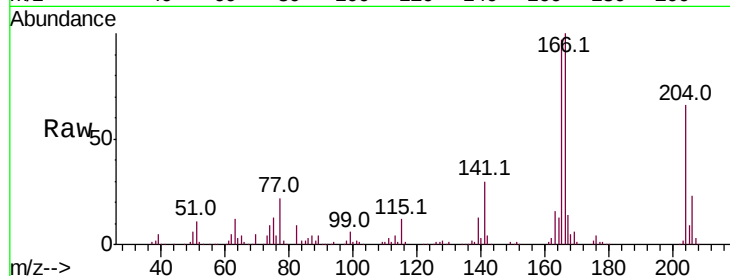
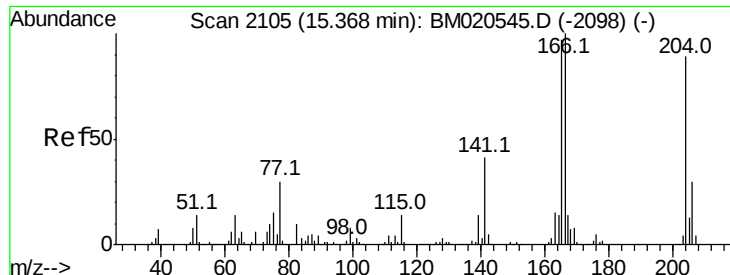
mohammad
 5/30/2019 8:16:27 AM



#60
 Diethylphthalate
 Concen: 31.601 ng
 RT: 15.12 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	344274		
177	24.1	19.8	29.8	
150	12.4	10.2	15.2	





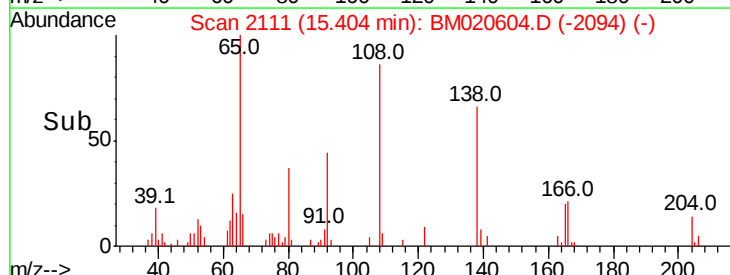
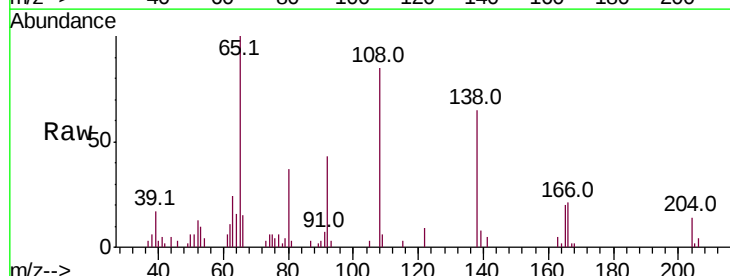
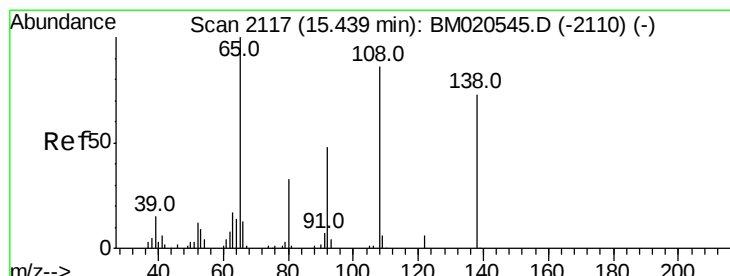
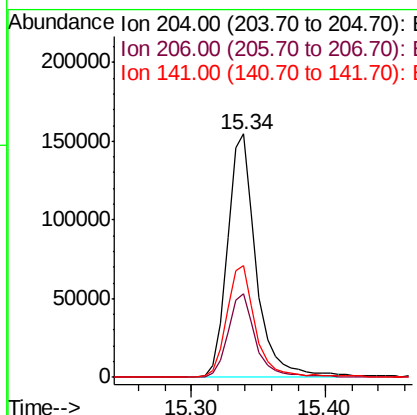
#61
4-Chlorophenyl-phenylether
Concen: 33.839 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	231953		
206	34.3	26.6	40.0	
141	46.1	36.9	55.3	

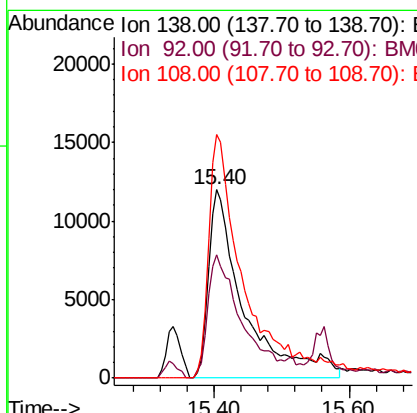
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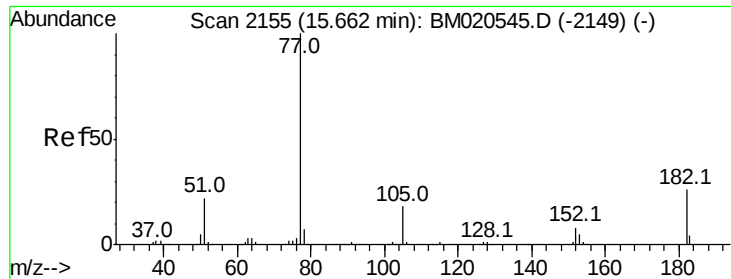
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#62
4-Nitroaniline
Concen: 22.572 ng m
RT: 15.40 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	43728		
92	65.7	44.5	84.5	
108	129.4	95.9	135.9	





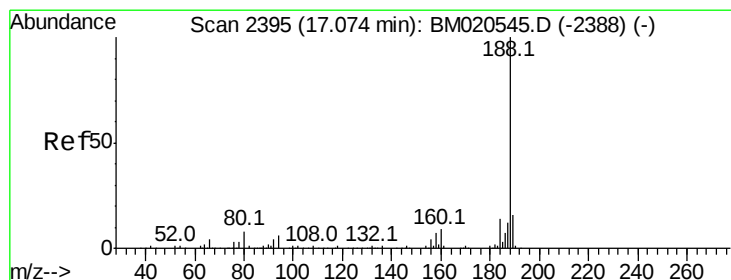
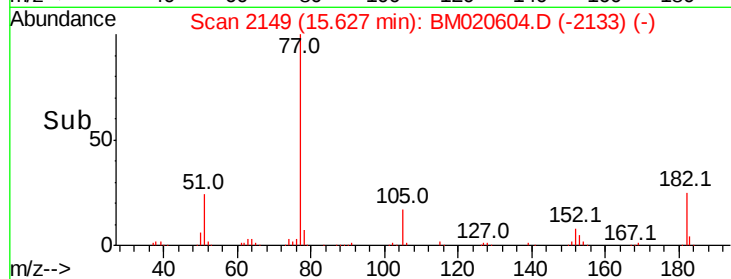
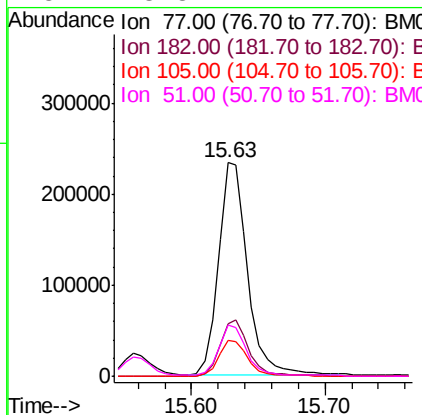
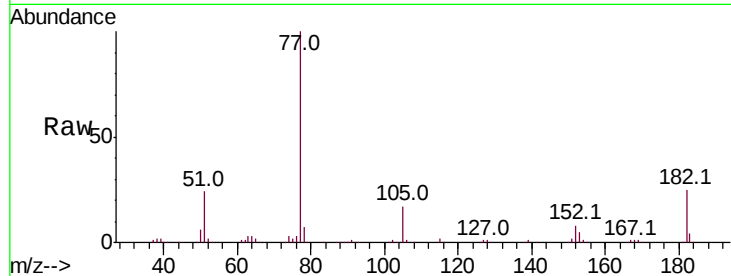
#63
Azobenzene
Concen: 33.601 ng
RT: 15.63 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.7	45.7
105	17.0	0.0	37.6
51	23.8	1.7	41.7

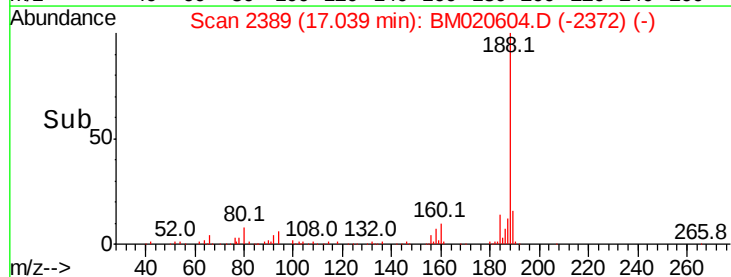
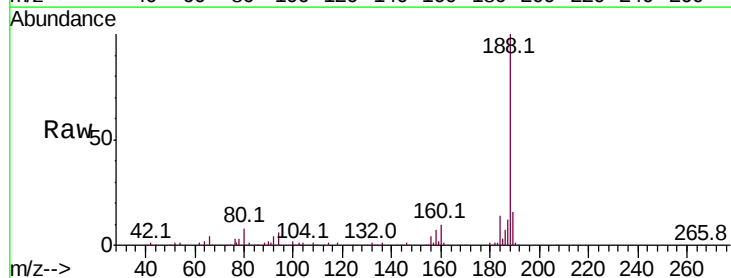
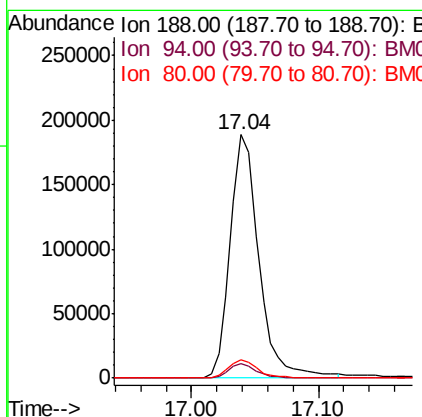
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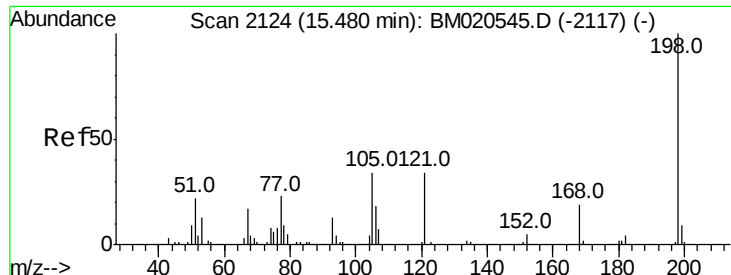
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	7.6	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 25.194 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

Tot Ion:198 Resp: 40920

Ion Ratio Lower Upper

198 100

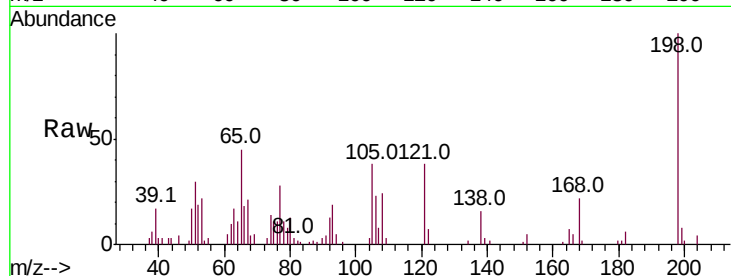
51 30.1 6.4 46.4

105 38.3 15.1 55.1

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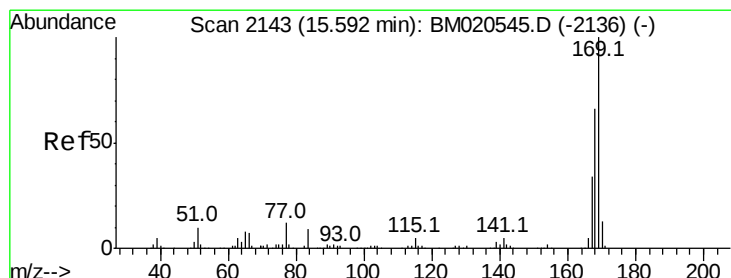
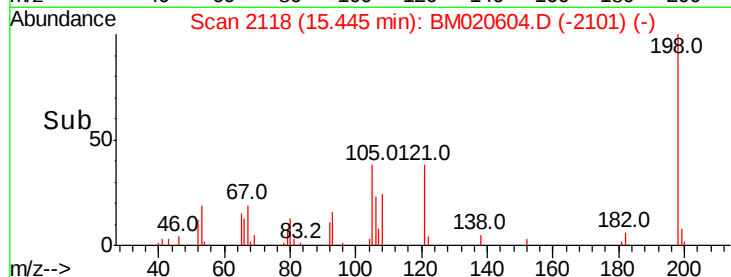
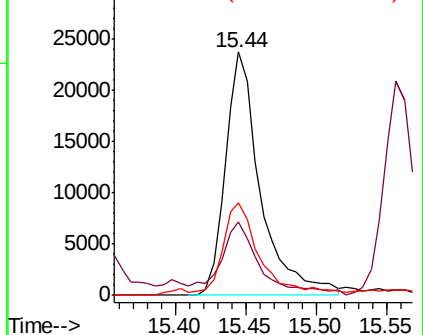
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.658 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

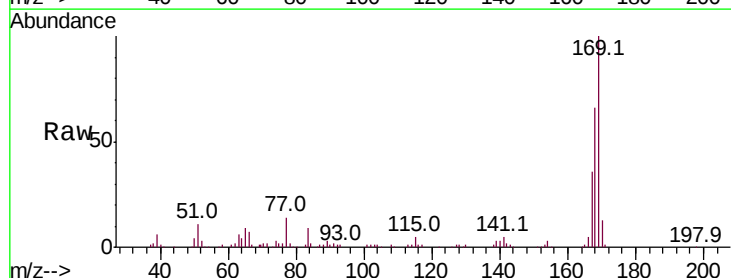
Tgt Ion:169 Resp: 295516

Ion Ratio Lower Upper

169 100

168 66.1 52.5 78.7

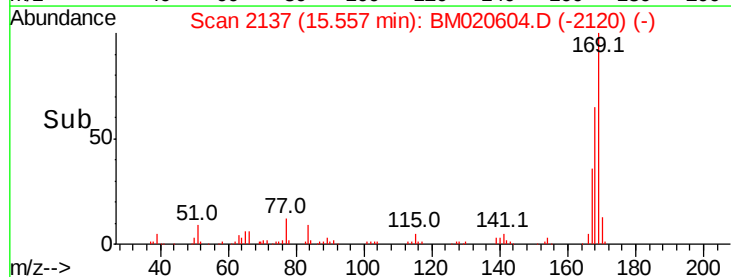
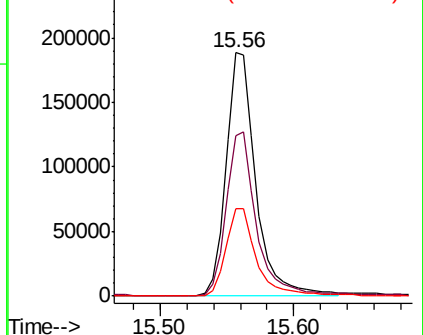
167 35.8 27.5 41.3

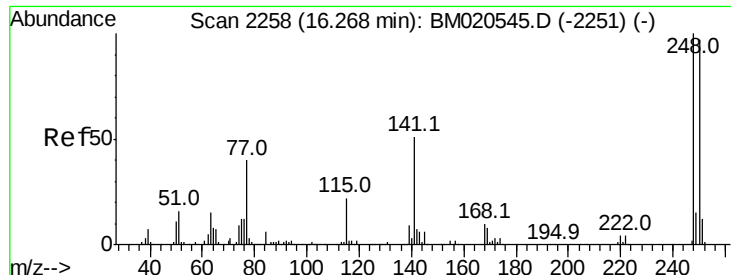


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





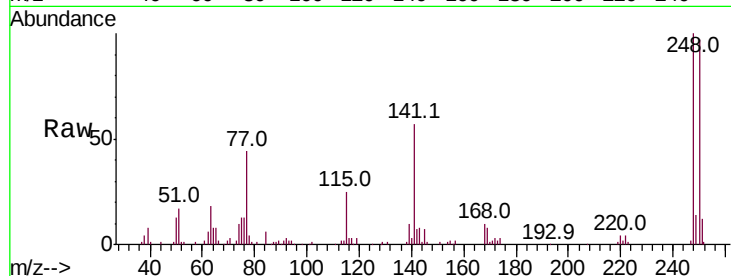
#67
 4-Bromophenyl-phenylether
 Concen: 36.357 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.6
141	56.9	41.0	61.6

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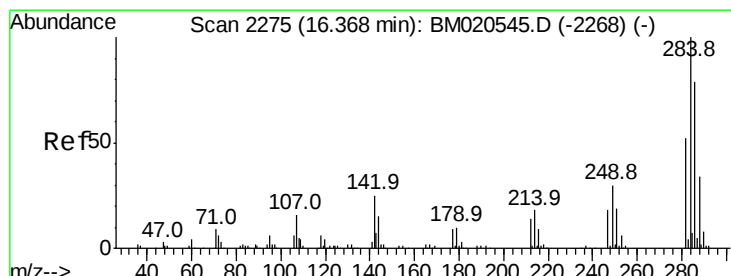
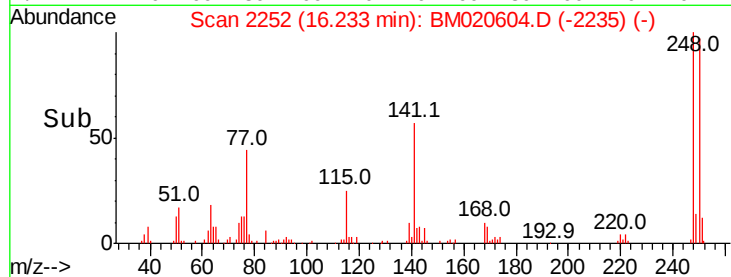
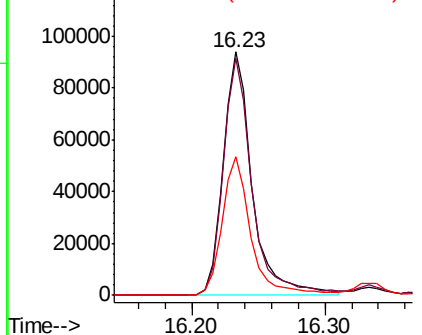


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.130 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

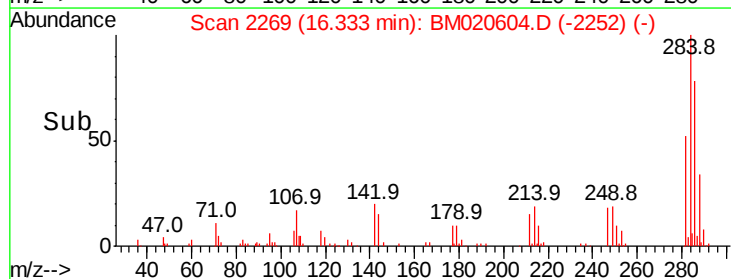
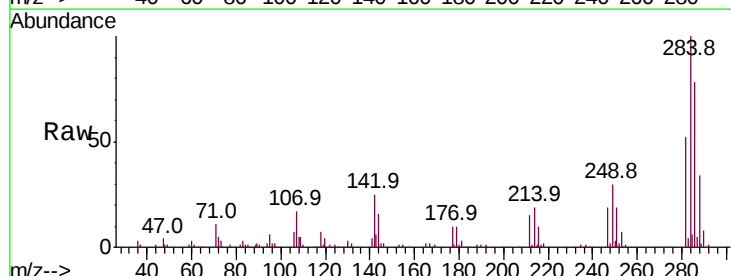
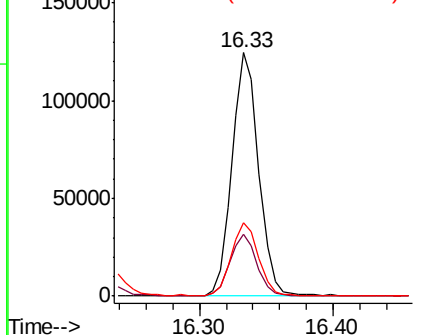
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	20.2	30.2
249	29.9	23.9	35.9

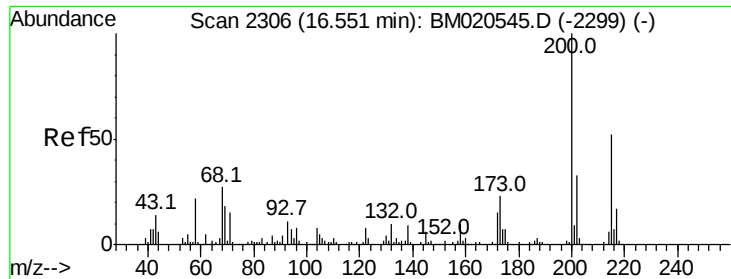
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





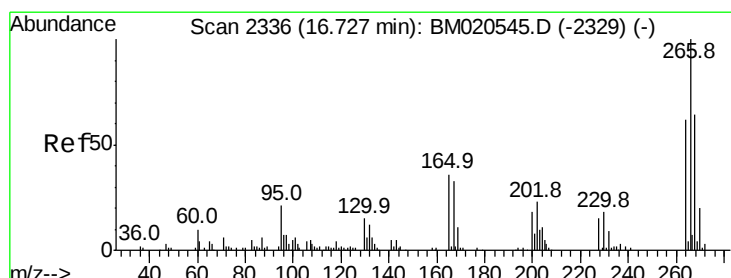
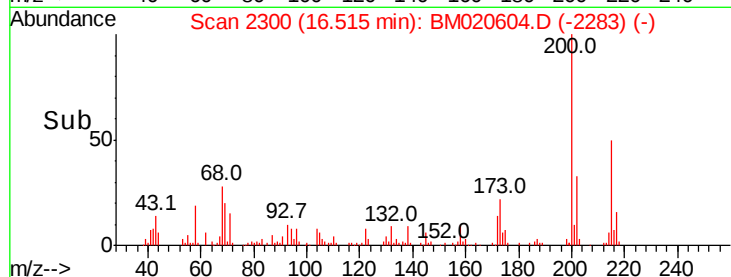
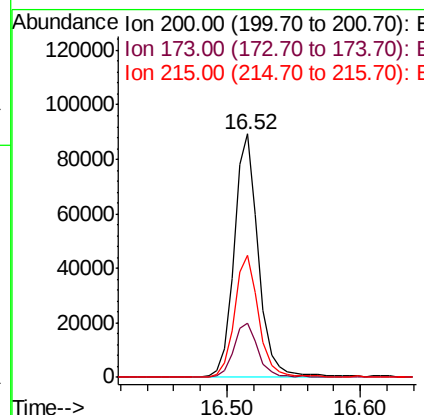
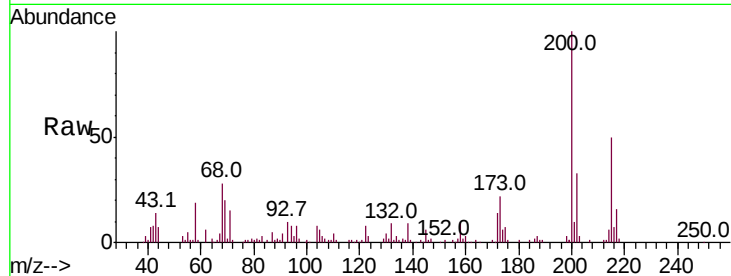
#69
 Atrazine
 Concen: 34.360 ng
 RT: 16.52 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.1	3.2	43.2
215	50.1	31.7	71.7

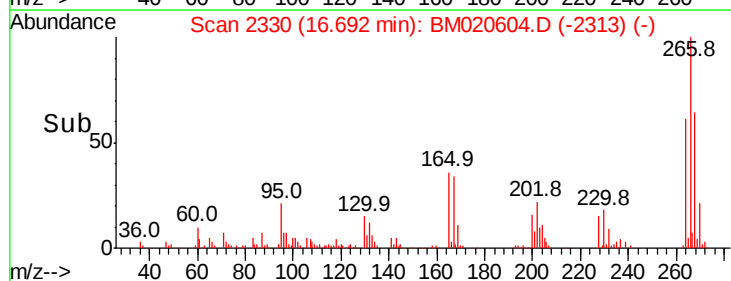
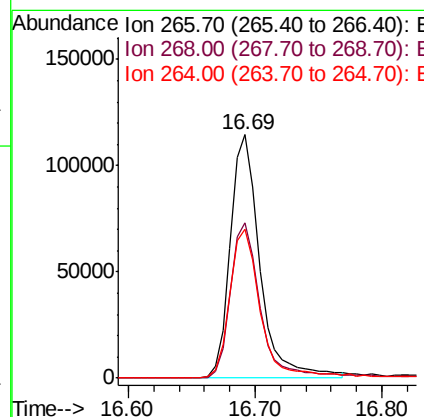
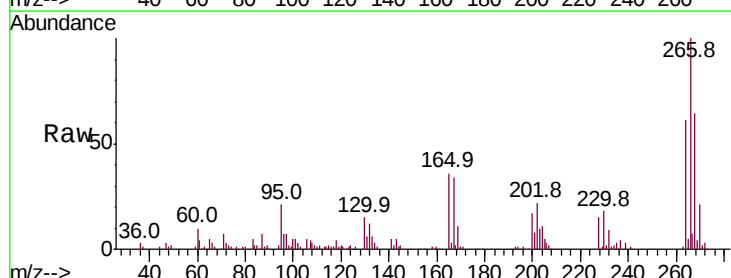
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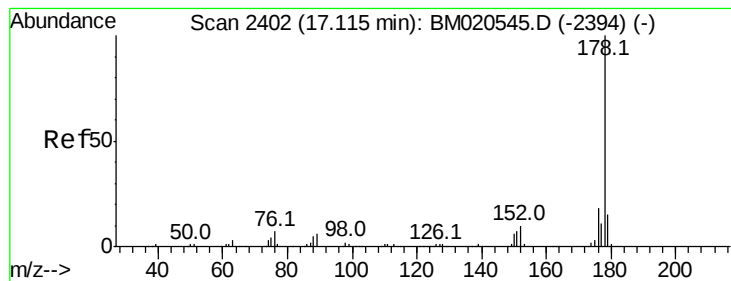
mohammad
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#70
 Pentachlorophenol
 Concen: 74.704 ng
 RT: 16.69 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.0	76.4
264	60.9	49.8	74.8





#71

Phenanthrene

Concen: 33.927 ng

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

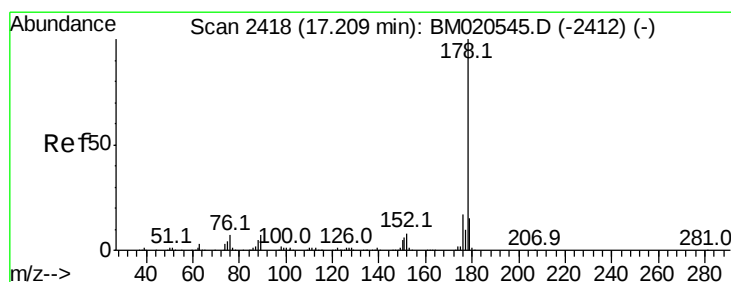
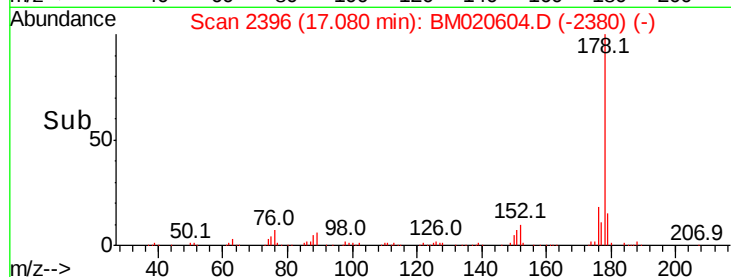
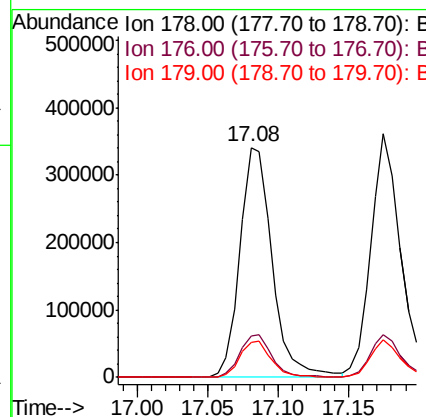
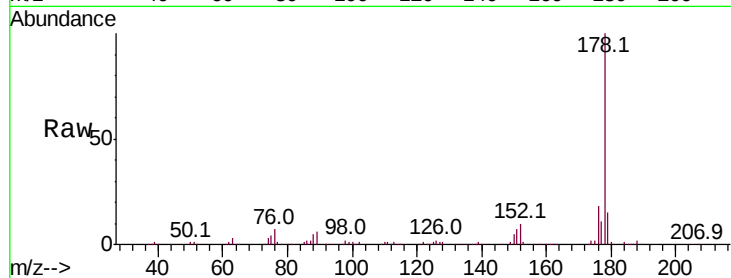
ClientSampleId :

PB120010BSD

Tot Ion:178	Resp:	547979
Ion Ratio	Lower	Upper
178	100	
176	18.2	14.7 22.1
179	15.3	12.2 18.2

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#72

Anthracene

Concen: 33.117 ng

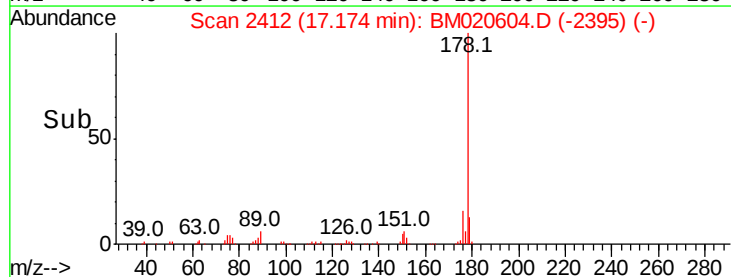
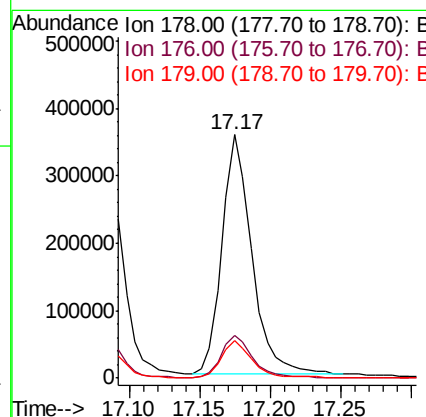
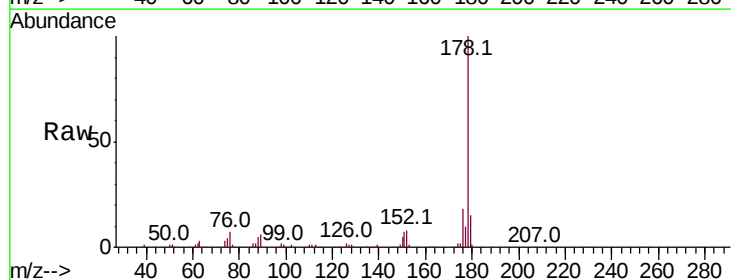
RT: 17.17 min Scan# 2412

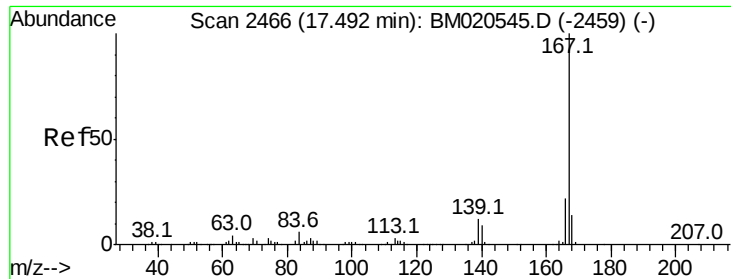
Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:178	Resp:	518718
Ion Ratio	Lower	Upper
178	100	
176	17.6	14.0 21.0
179	15.3	12.4 18.6





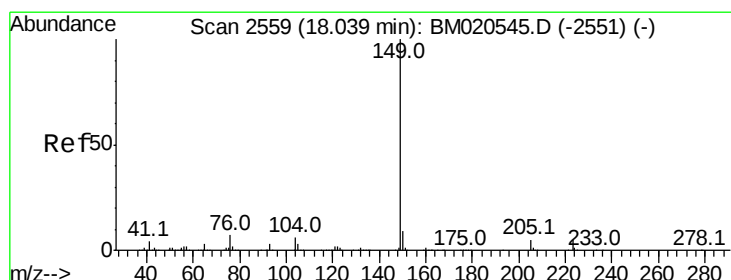
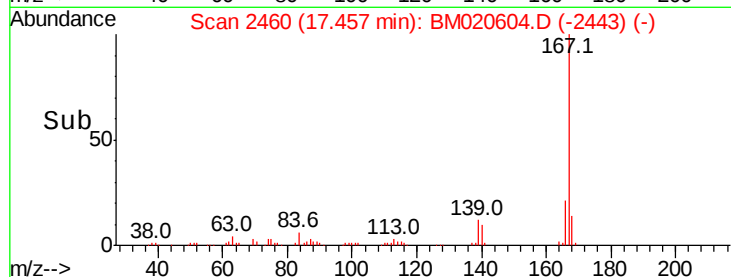
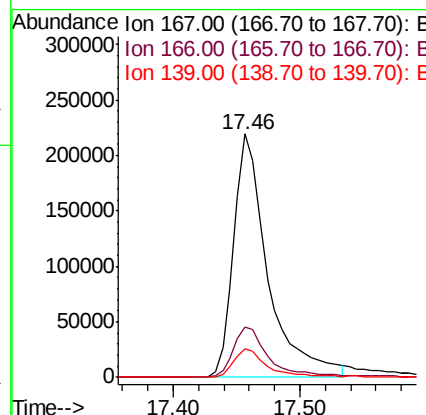
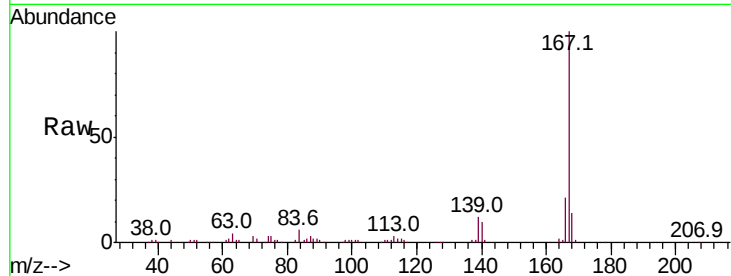
#73
 Carbazole
 Concen: 30.557 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	11.7	9.3	13.9

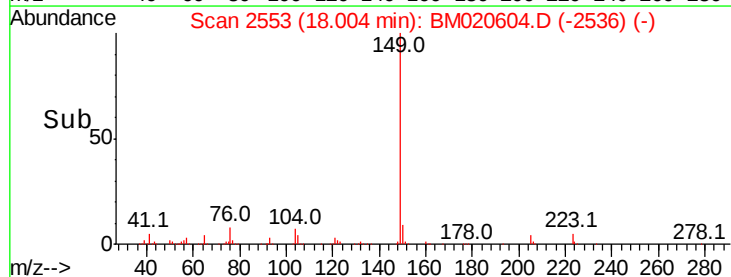
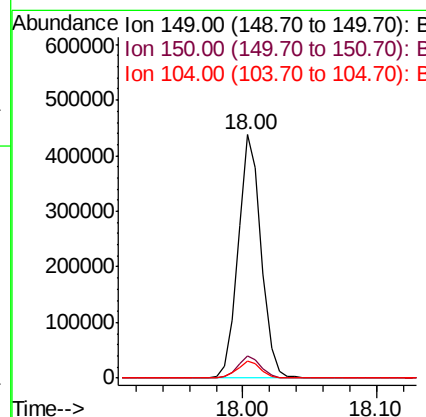
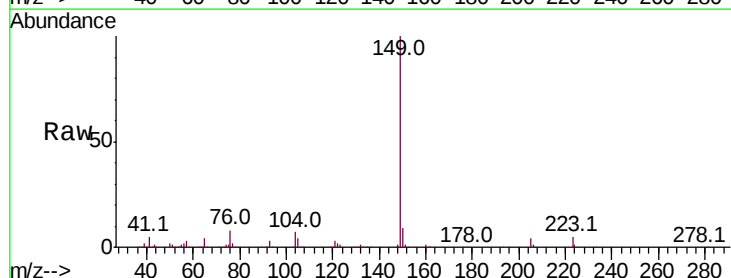
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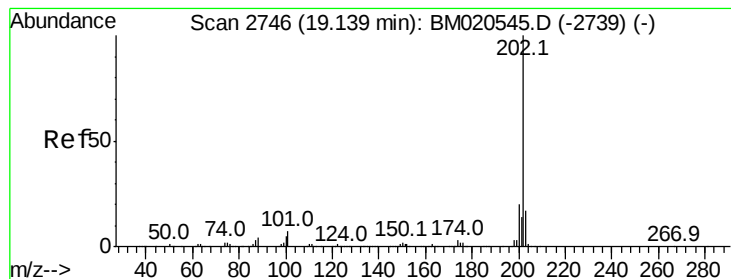
mohammad
 5/30/2019 8:16:27 AM



#74
 Di-n-butylphthalate
 Concen: 31.709 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	7.1	5.0	7.4





#75

Fluoranthene

Concen: 30.925 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

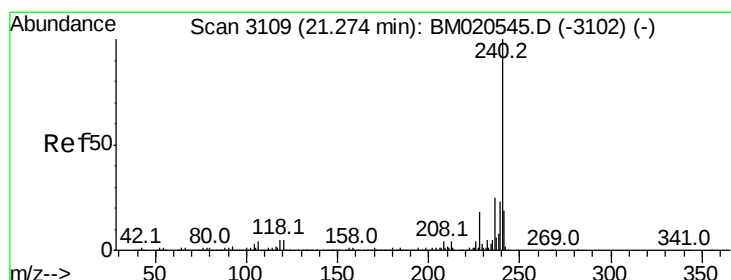
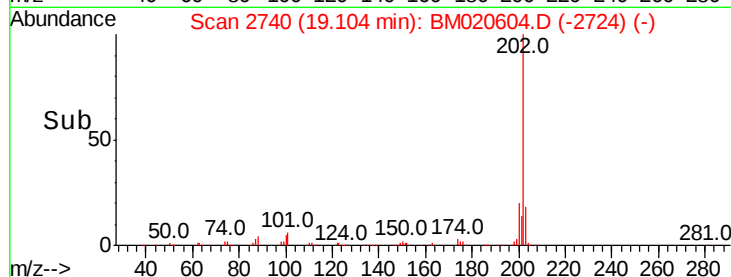
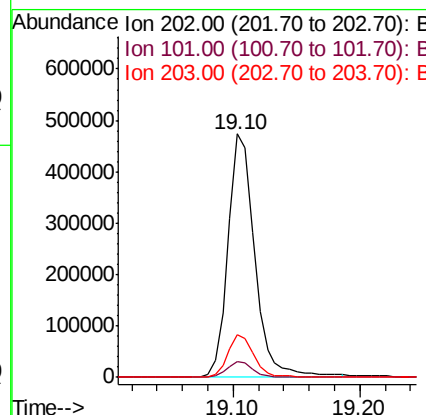
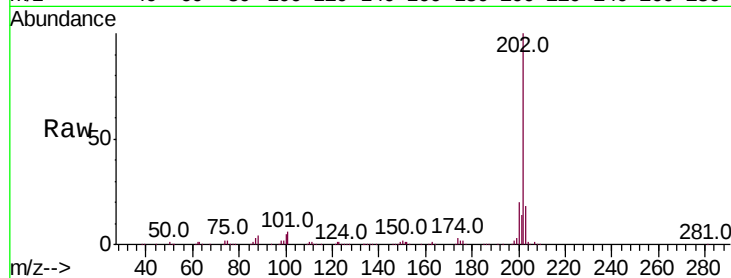
ClientSampleId :

PB120010BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	26.7
203	17.6	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

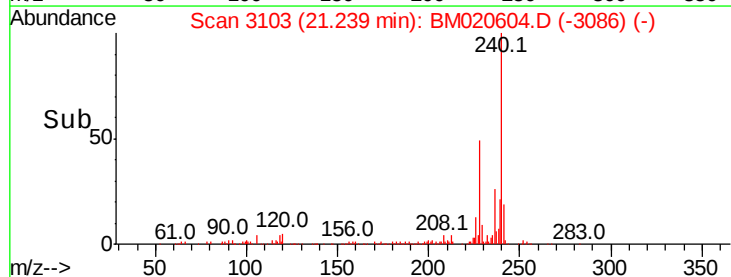
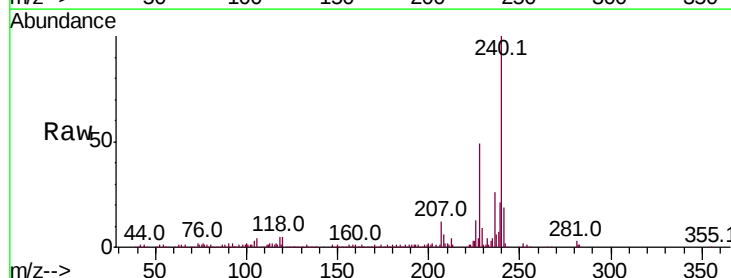
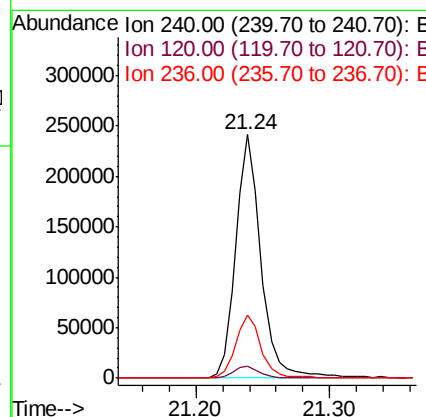
RT: 21.24 min Scan# 3103

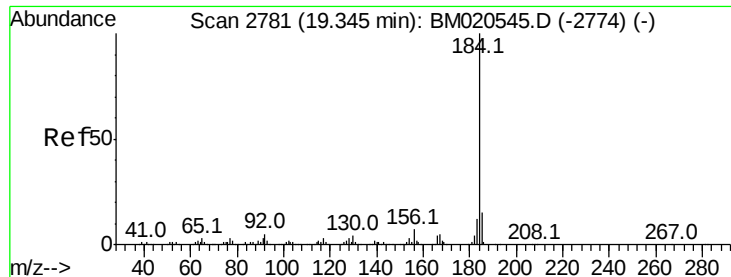
Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.1	4.1	6.1
236	25.9	20.2	30.4





#77

Benzidine

Concen: 80.288 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

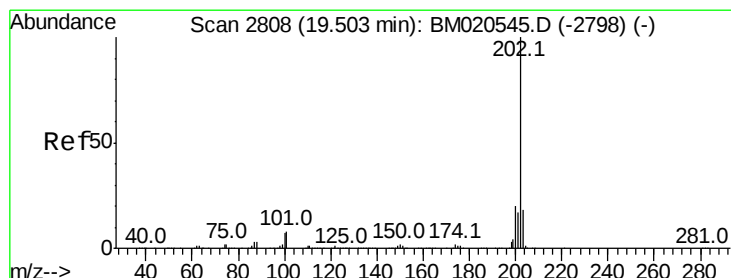
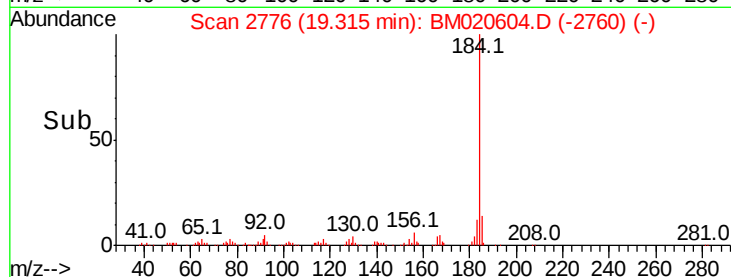
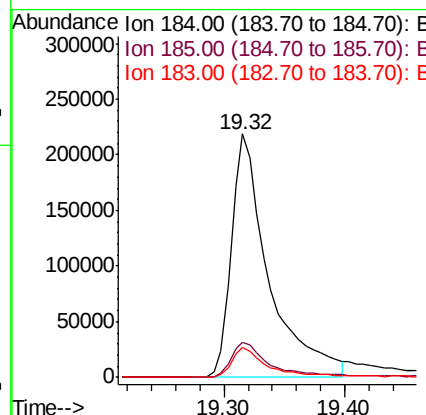
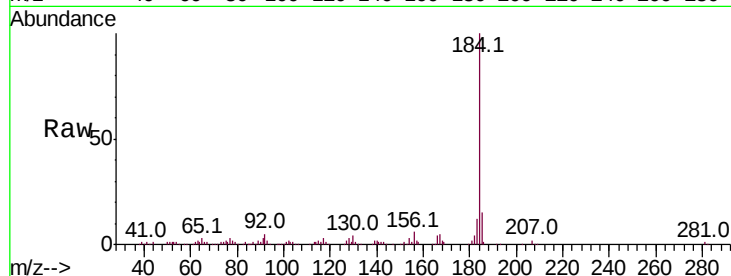
ClientSampleId :

PB120010BSD

Tot Ion:	184	Resp:	471393
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.8
183	12.1	9.7	14.5

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#78

Pyrene

Concen: 35.329 ng

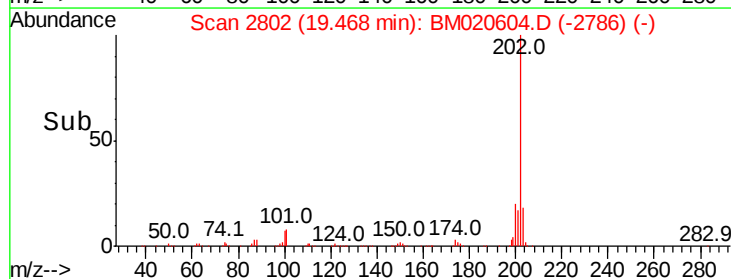
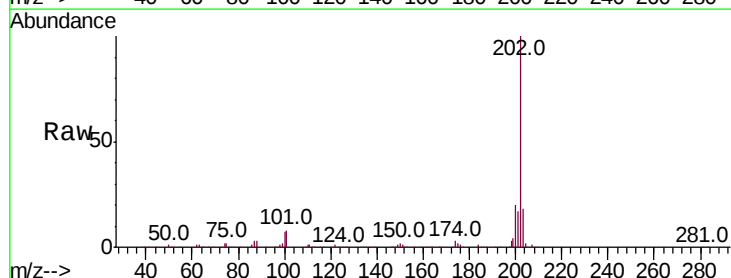
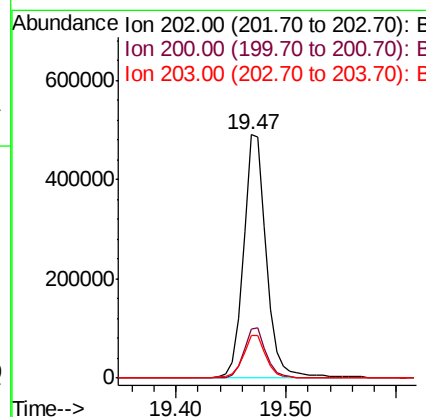
RT: 19.47 min Scan# 2802

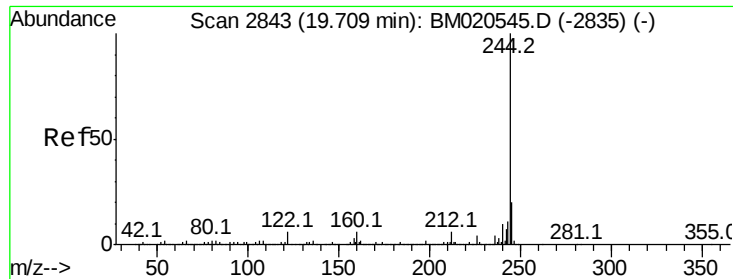
Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:	202	Resp:	708604
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.0	24.0
203	17.6	14.1	21.1





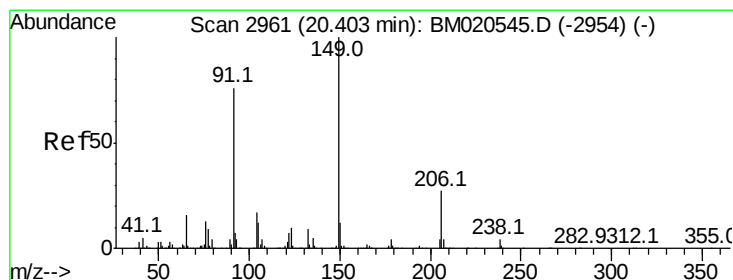
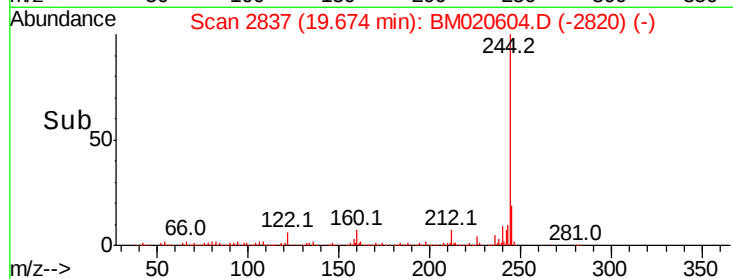
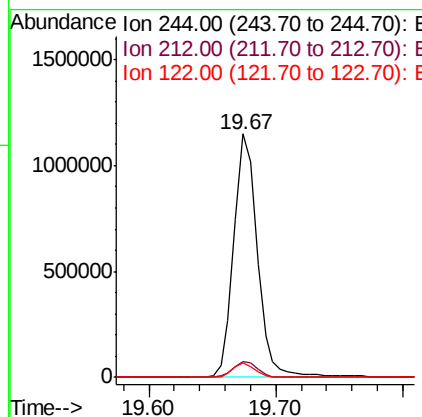
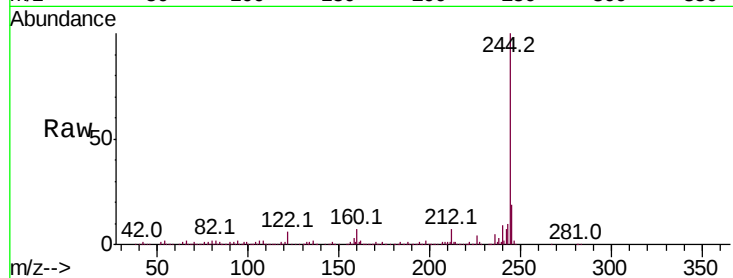
#79
Terphenyl-d14
Concen: 83.817 ng
RT: 19.67 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	5.8	4.6	7.0

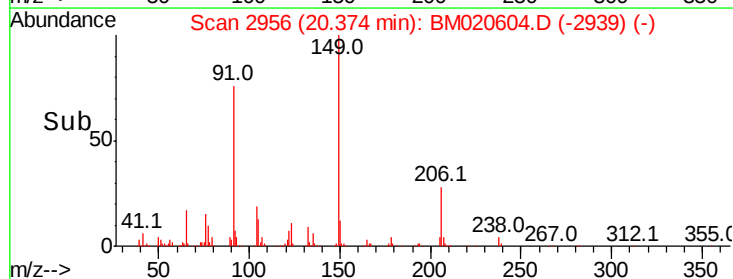
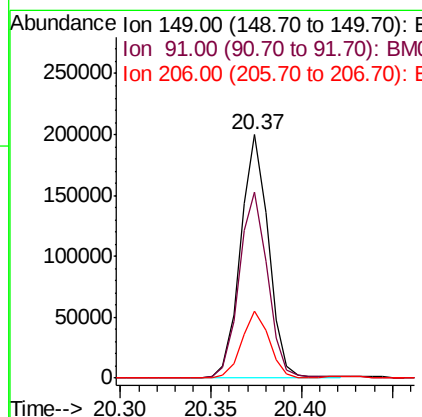
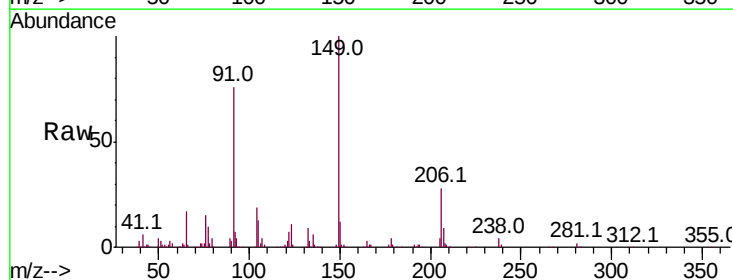
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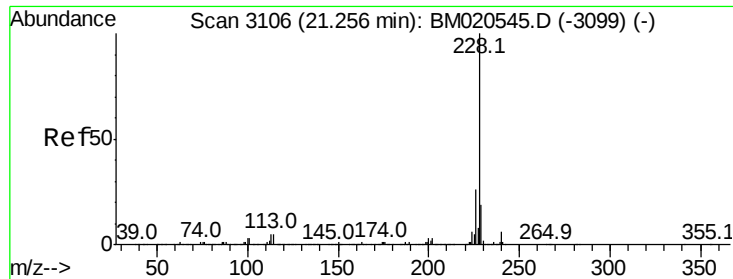
mohammad
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#80
Butylbenzylphthalate
Concen: 30.469 ng
RT: 20.37 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	60.9	91.3
206	27.7	21.6	32.4





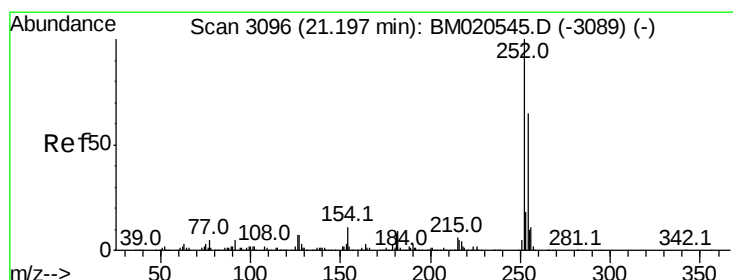
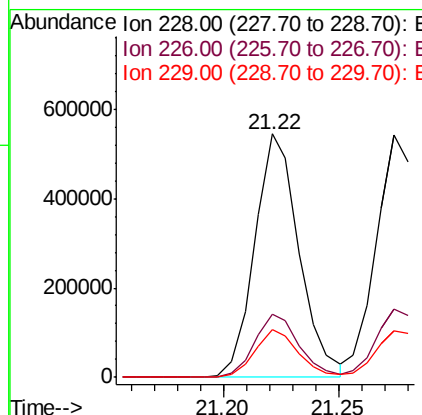
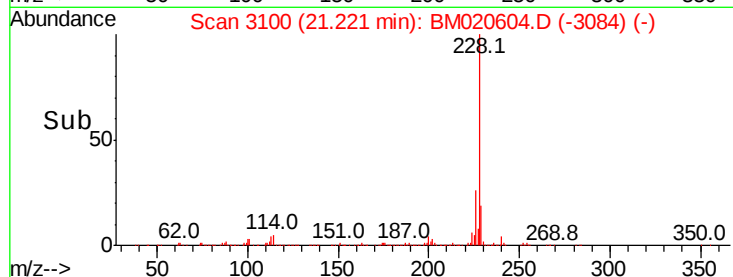
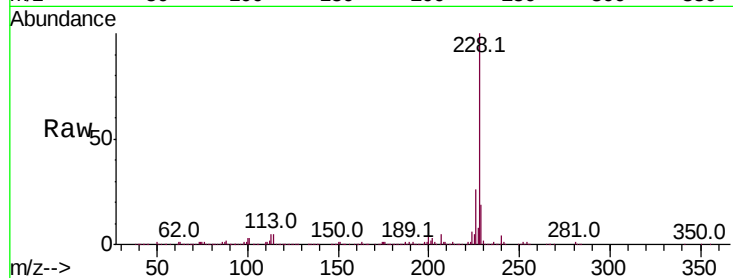
#81
Benzo(a)anthracene
Concen: 32.867 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.7	31.1
229	19.4	15.5	23.3

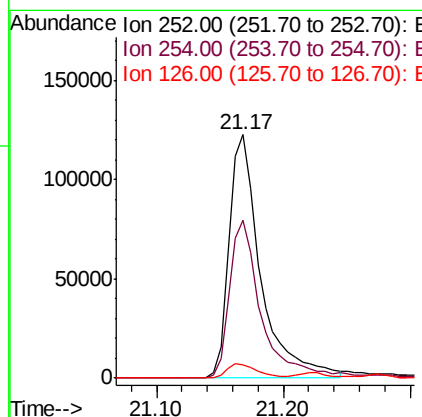
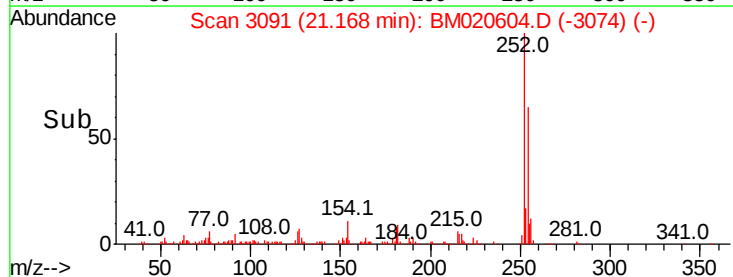
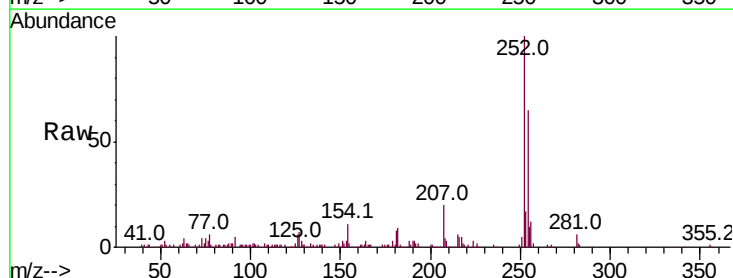
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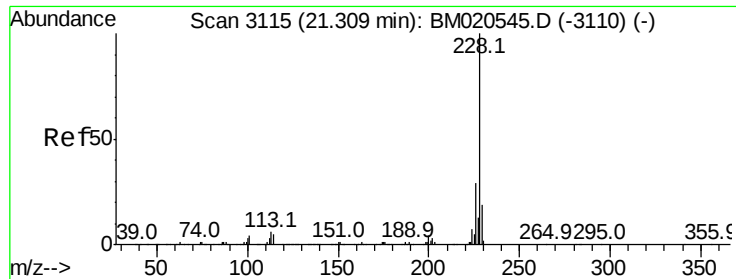
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.261 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	5.6	5.2	7.8





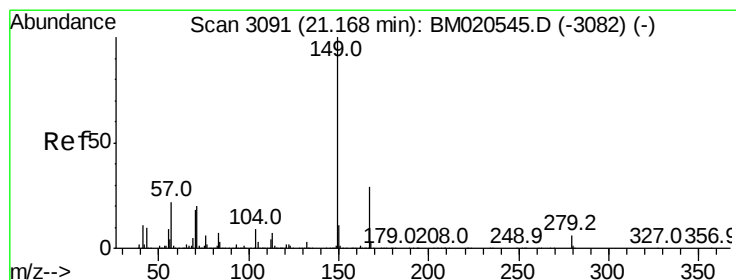
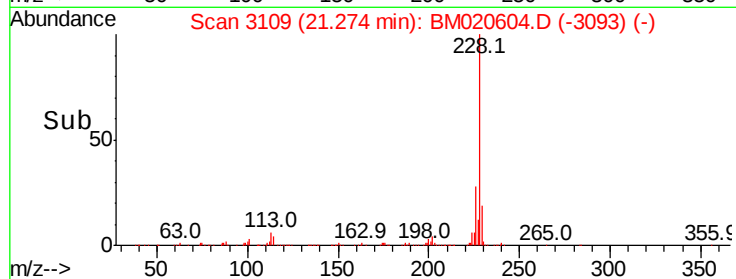
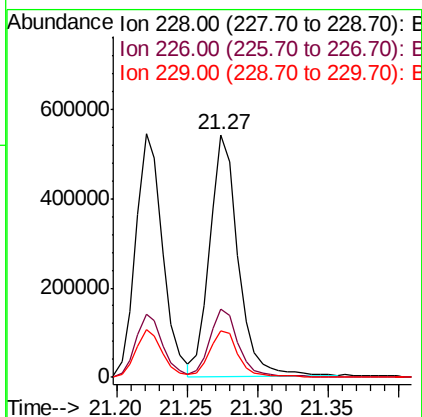
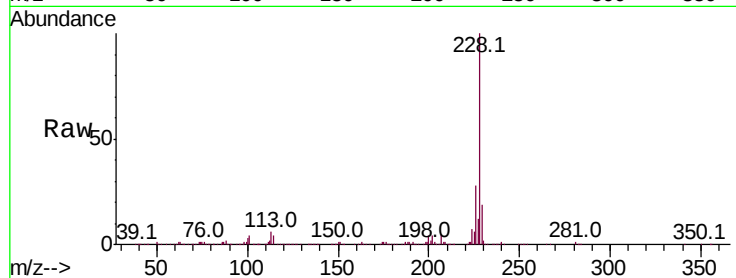
#83
 Chrysene
 Concen: 35.035 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.9	34.3
229	19.2	15.4	23.2

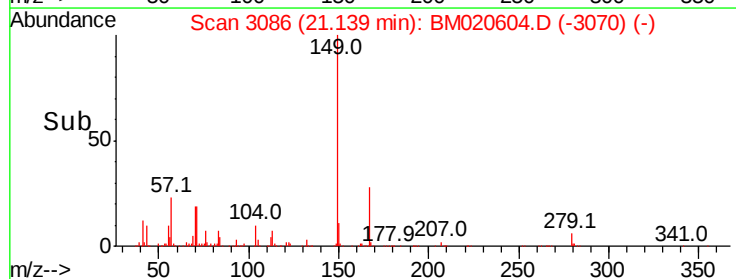
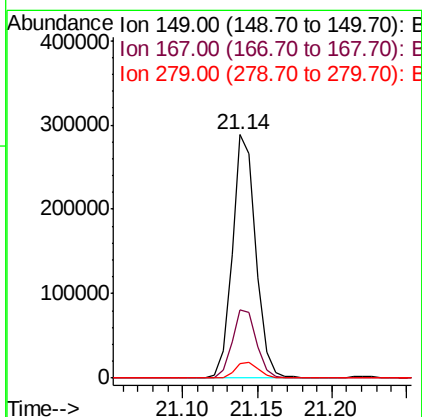
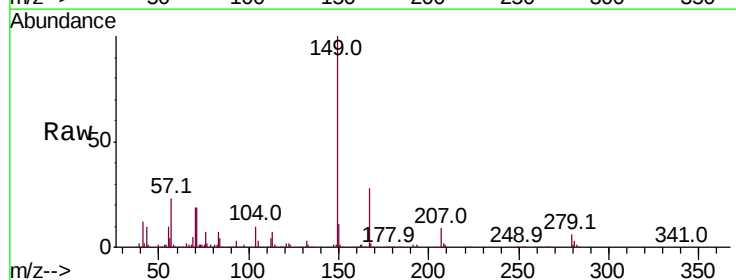
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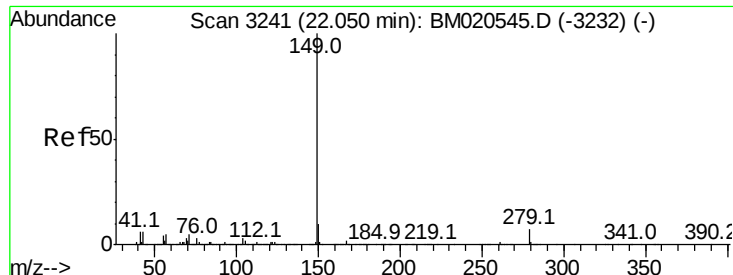
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.075 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM020604.D
 Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	5.8	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 32.032 ng

RT: 22.02 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

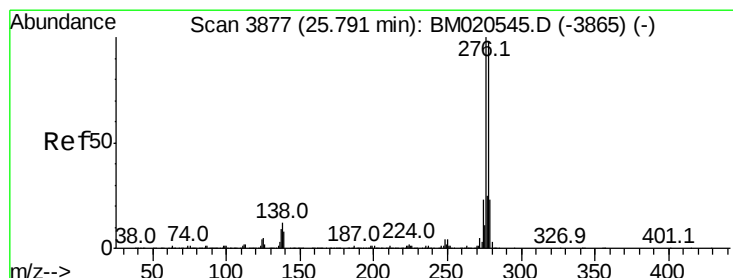
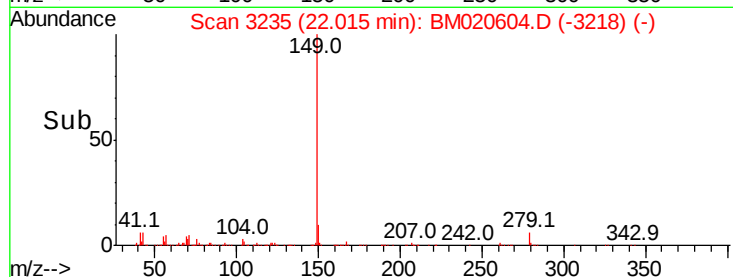
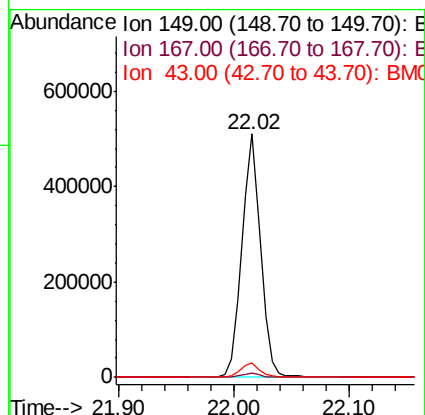
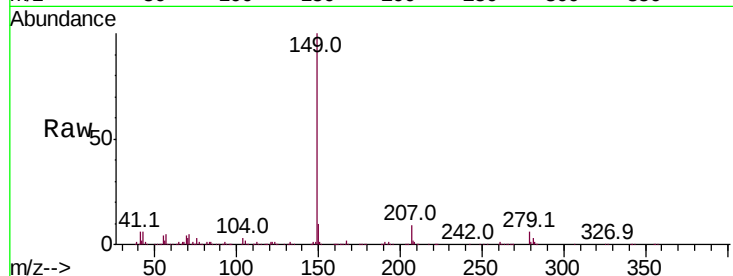
ClientSampleId :

PB120010BSD

Tot Ion:	149	Resp:	571959
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	6.0	4.8	7.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.401 ng

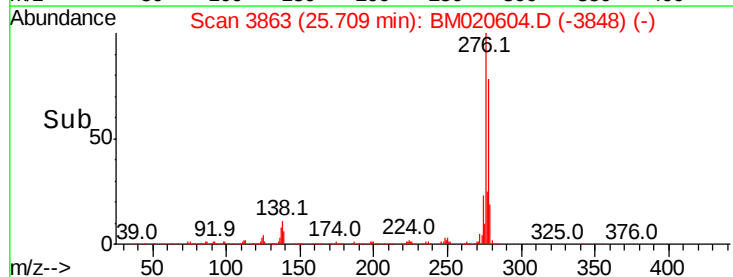
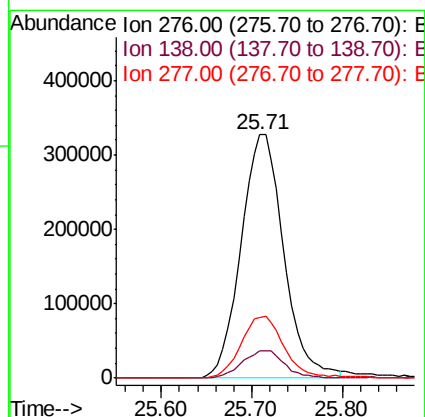
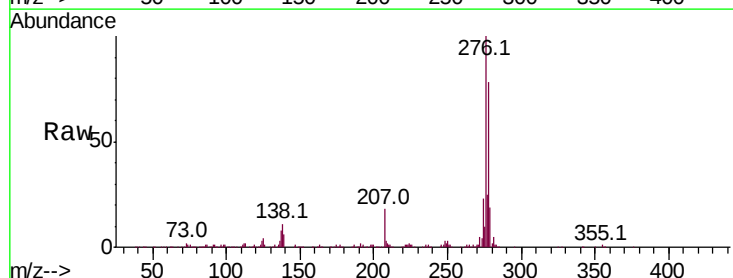
RT: 25.71 min Scan# 3863

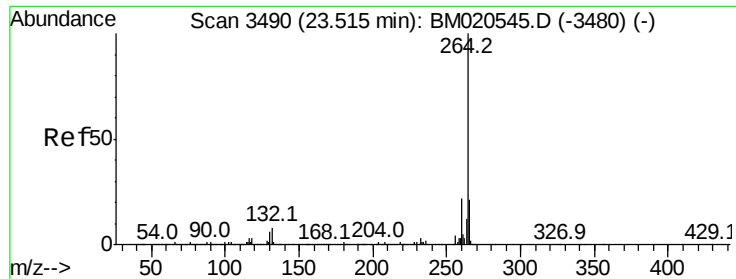
Delta R.T. -0.01 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:	276	Resp:	1069551
Ion Ratio	Lower	Upper	
276	100		
138	11.3	9.7	14.5
277	25.6	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM020604.D

Acq: 29 May 2019 17:59

Instrument :

BNA_M

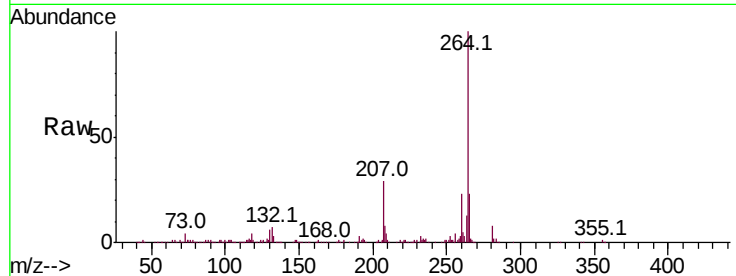
ClientSampleId :

PB120010BSD

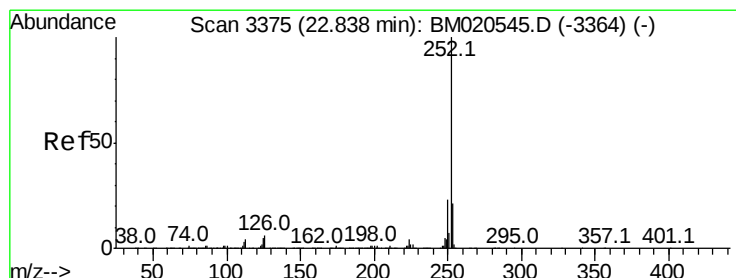
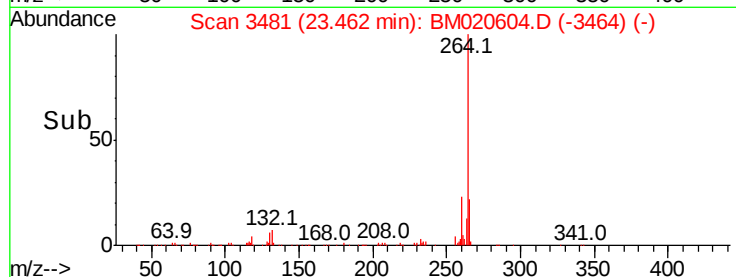
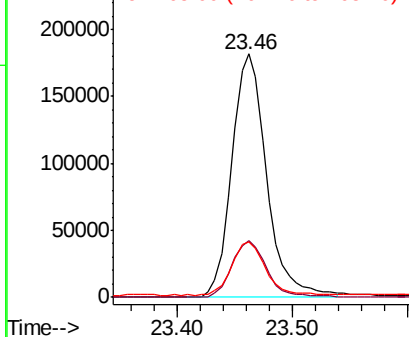
Tot Ion:	264	Resp:	379749
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.7	26.5
265	22.7	17.4	26.2

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



#88

Benzo(b)fluoranthene

Concen: 34.065 ng

RT: 22.79 min Scan# 3367

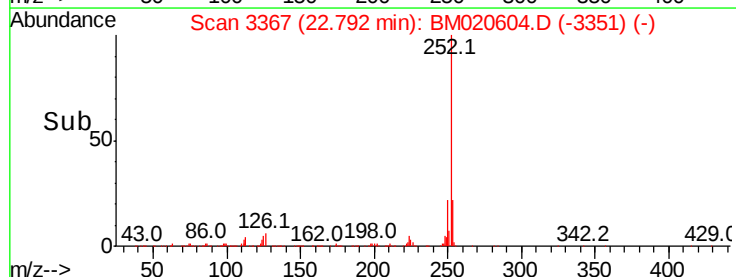
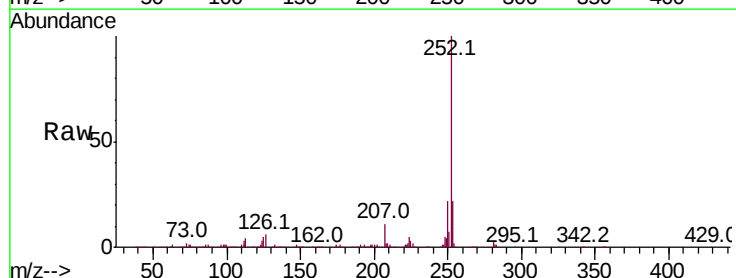
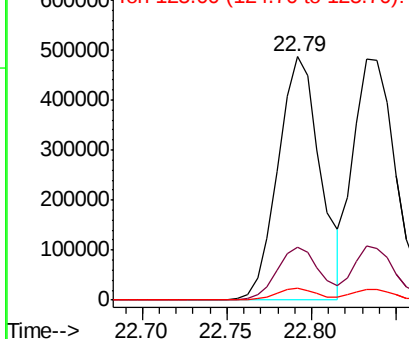
Delta R.T. -0.01 min

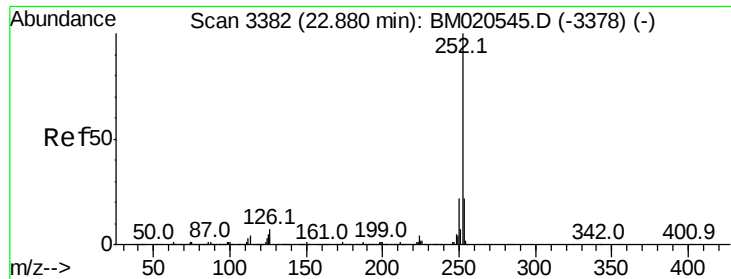
Lab File: BM020604.D

Acq: 29 May 2019 17:59

Tgt Ion:	252	Resp:	846682
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	4.7	3.8	5.8

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





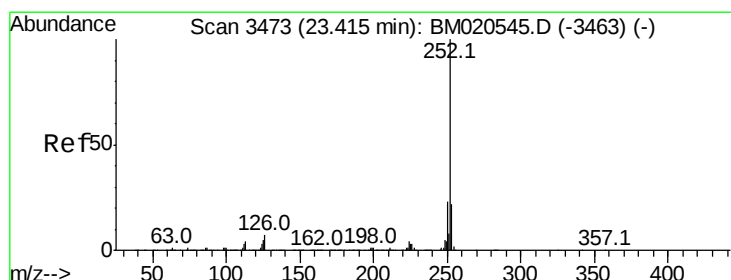
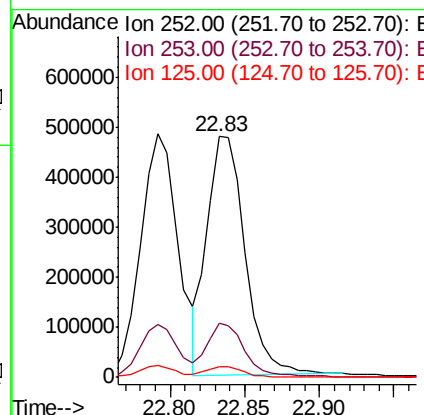
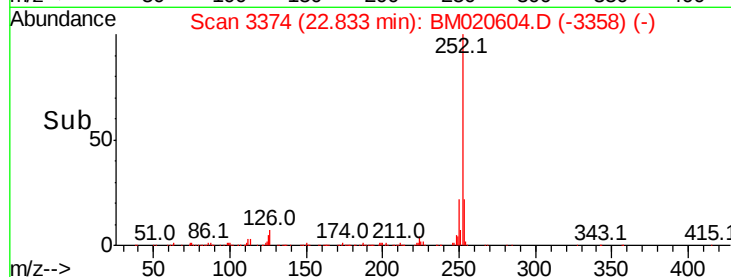
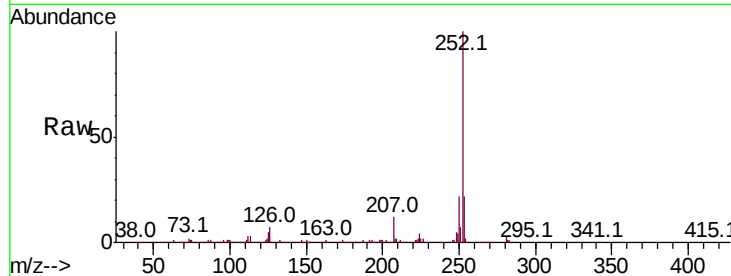
#89
Benzo(k)fluoranthene
Concen: 35.187 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	4.6	4.2	6.4

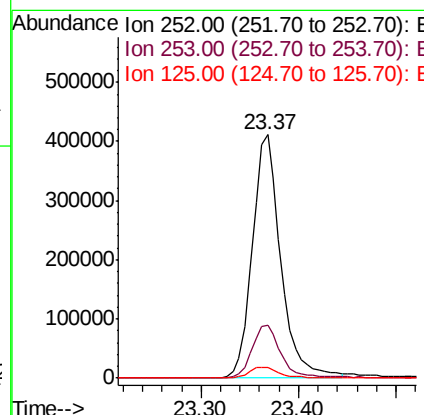
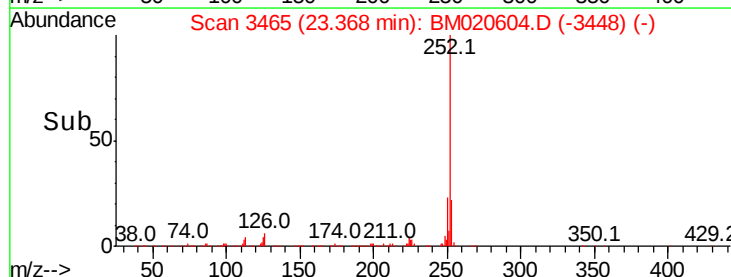
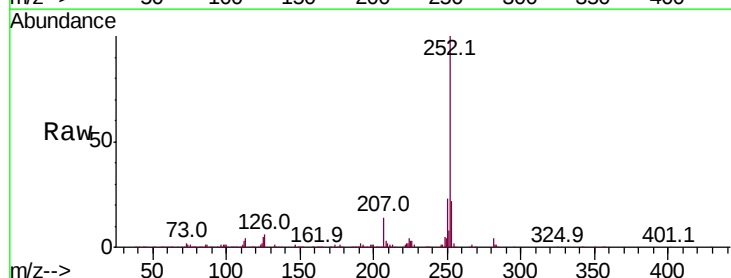
Manual Integrations
APPROVED

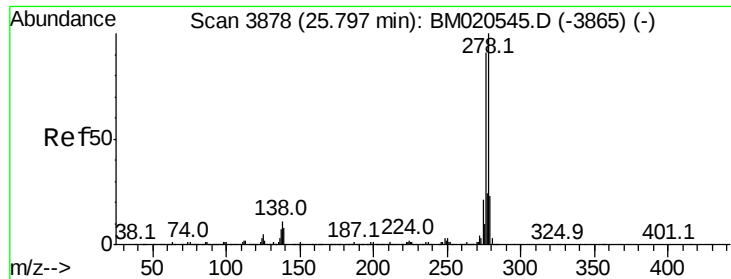
mohammad
5/30/2019 8:16:27 AM



#90
Benzo(a)pyrene
Concen: 36.691 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	4.6	4.2	6.4





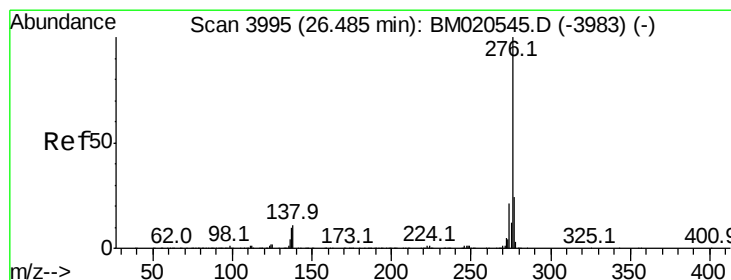
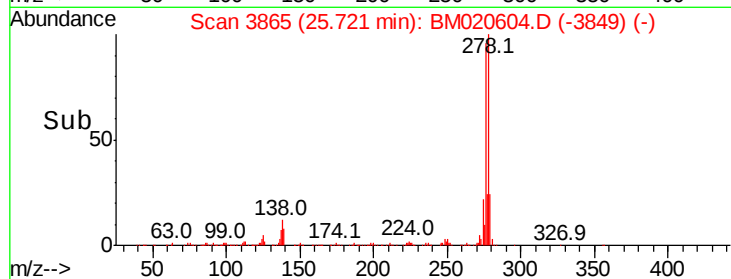
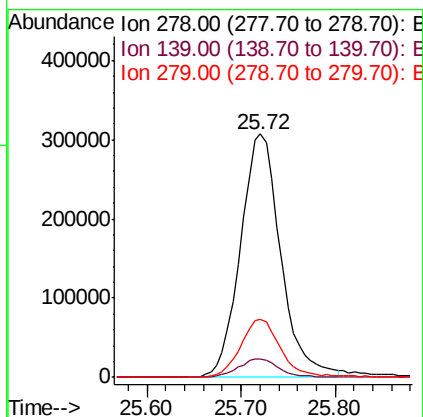
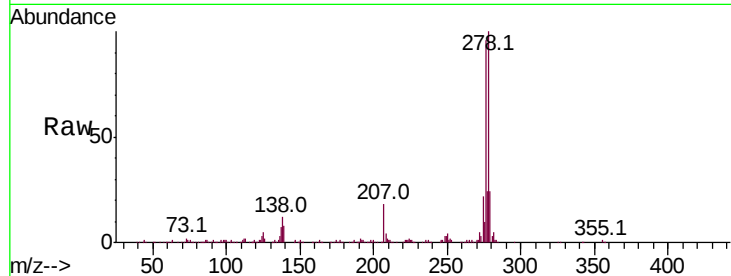
#91
Dibenzo(a,h)anthracene
Concen: 39.007 ng
RT: 25.72 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.6	6.3	9.5
279	23.8	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:27 AM



#92
Benzo(g,h,i)perylene
Concen: 41.029 ng
RT: 26.40 min Scan# 3981
Delta R.T. -0.00 min
Lab File: BM020604.D
Acq: 29 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	9.0	8.6	12.8

