

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020607.D
 Acq On : 29 May 2019 19:48
 Operator : JU/SJ
 Sample : K2746-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Manual Integrations
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mohammad
 5/30/2019 8:16:35 AM

Quant Time: May 30 02:30:00 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	59594	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	205699	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	142904	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	365329	20.00	ng	0.00
76) Chrysene-d12	21.24	240	449559	20.00	ng	0.00
87) Perylene-d12	23.46	264	497182	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	408497	134.48	ng	0.00
7) Phenol-d6	6.80	99	546344	119.16	ng	0.00
23) Nitrobenzene-d5	8.80	82	379876	77.51	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	336987	117.70	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	830209	72.90	ng	0.00
79) Terphenyl-d14	19.67	244	1679659	67.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	59504	37.433	ng	97
3) Pyridine	3.53	79	140688	30.344	ng	97
4) n-Nitrosodimethylamine	3.46	42	44423	39.407	ng	90
6) Aniline	6.97	93	114183	17.216	ng	98
8) 2-Chlorophenol	7.19	128	145567	39.189	ng	95
9) Benzaldehyde	6.79	77	46724m	15.963	ng	
10) Phenol	6.83	94	199919	40.379	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	126409	34.213	ng	97
12) 1,3-Dichlorobenzene	7.51	146	165623	34.817	ng	97
13) 1,4-Dichlorobenzene	7.66	146	164013	34.494	ng	99
14) 1,2-Dichlorobenzene	7.97	146	167686	35.177	ng	100
15) Benzyl Alcohol	7.88	79	133997	31.583	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	83038	32.246	ng	93
17) 2-Methylphenol	8.07	107	112932	34.550	ng	96
18) Hexachloroethane	8.68	117	69940	36.311	ng	94
19) n-Nitroso-di-n-propylamine	8.43	70	131961	32.413	ng	98
20) 3+4-Methylphenols	8.40	107	146428	33.405	ng	95
22) Acetophenone	8.46	105	212541	37.523	ng	100
24) Nitrobenzene	8.84	77	195190	40.329	ng	95
25) Isophorone	9.36	82	353711	38.789	ng	98
26) 2-Nitrophenol	9.54	139	66664	37.329	ng	96
27) 2,4-Dimethylphenol	9.60	122	110170	41.413	ng	99
28) bis(2-Chloroethoxy)methane	9.84	93	167935	35.377	ng	99
29) 2,4-Dichlorophenol	10.07	162	142309	40.220	ng	96
30) 1,2,4-Trichlorobenzene	10.27	180	193182	39.931	ng	97
31) Naphthalene	10.46	128	417194	39.280	ng	99
32) Benzoic acid	9.72	122	14093m	16.330	ng	
33) 4-Chloroaniline	10.60	127	68044m	16.051	ng	
34) Hexachlorobutadiene	10.72	225	150866	41.943	ng	98
35) Caprolactam	11.41	113	35769m	30.716	ng	
36) 4-Chloro-3-methylphenol	11.72	107	139313	36.182	ng	99
37) 2-Methylnaphthalene	12.09	142	305750	37.682	ng	98
38) 1-Methylnaphthalene	12.30	142	296234	37.681	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	253460	42.192	ng	98

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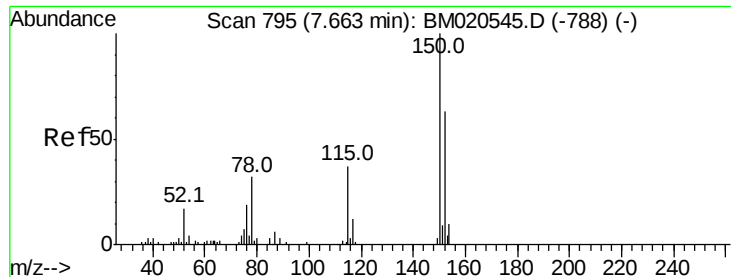
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	105903	40.542	ng	98
43) 2,4,6-Trichlorophenol	12.71	196	146725	39.468	ng	98
44) 2,4,5-Trichlorophenol	12.79	196	140527	40.479	ng	98
46) 1,1'-Biphenyl	13.11	154	422778	38.413	ng	98
47) 2-Chloronaphthalene	13.16	162	351717	37.698	ng	98
48) 2-Nitroaniline	13.39	65	85246	31.289	ng	93
49) Acenaphthylene	14.01	152	526861	37.133	ng	99
50) Dimethylphthalate	13.76	163	534310	42.212	ng	100
51) 2,6-Dinitrotoluene	13.89	165	97987	37.142	ng	94
52) Acenaphthene	14.35	154	316762	37.047	ng	98
53) 3-Nitroaniline	14.23	138	42403	21.517	ng	94
54) 2,4-Dinitrophenol	14.45	184	51447	36.779	ng	97
55) Dibenzofuran	14.69	168	564803	38.173	ng	99
56) 4-Nitrophenol	14.55	139	104928	62.297	ng	97
57) 2,4-Dinitrotoluene	14.68	165	134502	35.305	ng	91
58) Fluorene	15.34	166	445502	36.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	168420	41.693	ng	98
60) Diethylphthalate	15.12	149	444318	35.628	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	290220	36.987	ng	100
62) 4-Nitroaniline	15.40	138	56180m	25.334	ng	
63) Azobenzene	15.63	77	453422	37.364	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	62117	29.633	ng	96
66) n-Nitrosodiphenylamine	15.56	169	388589	39.229	ng	99
67) 4-Bromophenyl-phenylether	16.23	248	184618	37.934	ng	98
68) Hexachlorobenzene	16.33	284	228413	38.709	ng	99
69) Atrazine	16.52	200	149694	36.729	ng	99
70) Pentachlorophenol	16.69	266	277415	91.017	ng	98
71) Phenanthrene	17.09	178	739493	37.260	ng	100
72) Anthracene	17.17	178	693557	36.035	ng	99
73) Carbazole	17.46	167	588319	35.618	ng	99
74) Di-n-butylphthalate	18.00	149	730664	35.960	ng	99
75) Fluoranthene	19.10	202	1030805	37.350	ng	100
77) Benzidine	19.32	184	116980m	14.159	ng	
78) Pyrene	19.47	202	1041728	36.910	ng	99
80) Butylbenzylphthalate	20.37	149	340594	34.346	ng	100
81) Benzo(a)anthracene	21.23	228	1105428	35.528	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	336244	29.608	ng	100
83) Chrysene	21.28	228	1129405	37.565	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	506905	35.072	ng	98
85) Di-n-octyl phthalate	22.02	149	894625	35.605	ng	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	1516135	41.707	ng	99
88) Benzo(b)fluoranthene	22.80	252	1203869	36.995	ng	99
89) Benzo(k)fluoranthene	22.84	252	1266544	40.103	ng	99
90) Benzo(a)pyrene	23.37	252	1183955	39.538	ng	99
91) Dibenzo(a,h)anthracene	25.73	278	1292667	42.171	ng	98
92) Benzo(g,h,i)perylene	26.41	276	1248879	43.952	ng	99

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



#1

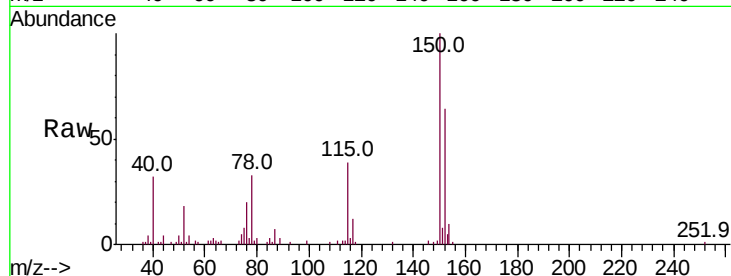
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	190.0
115	61.2	46.6	70.0

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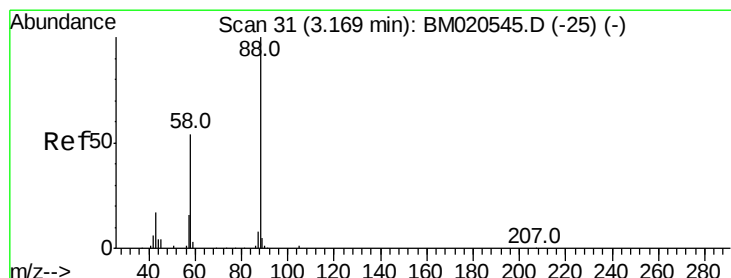
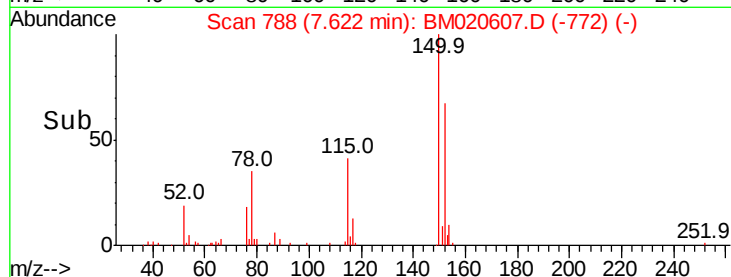
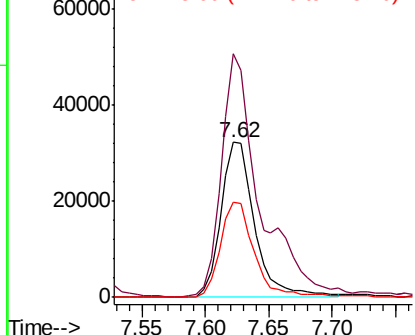


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

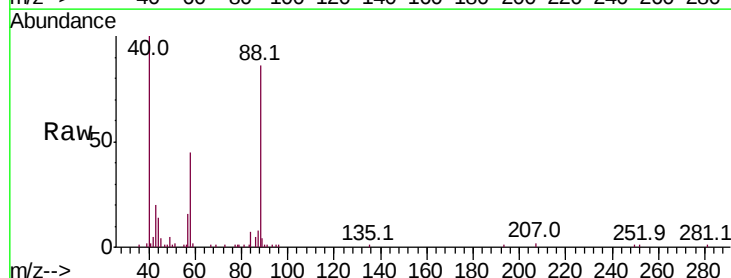
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.433 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.1	42.3	63.5
43	18.2	16.0	24.0

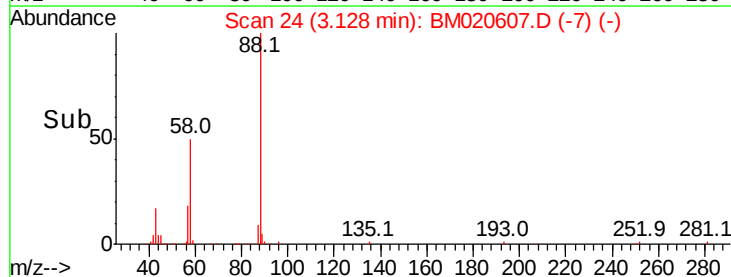
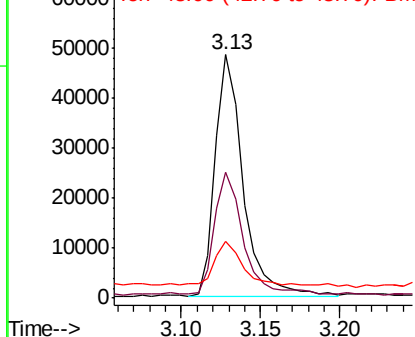


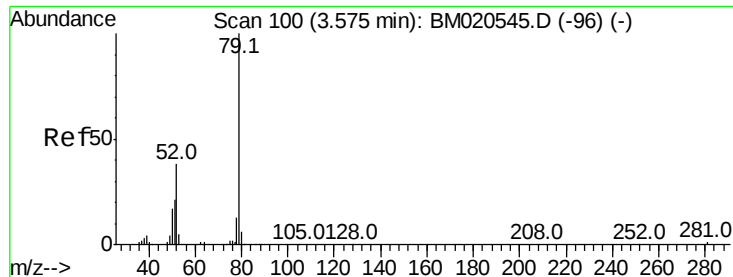
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





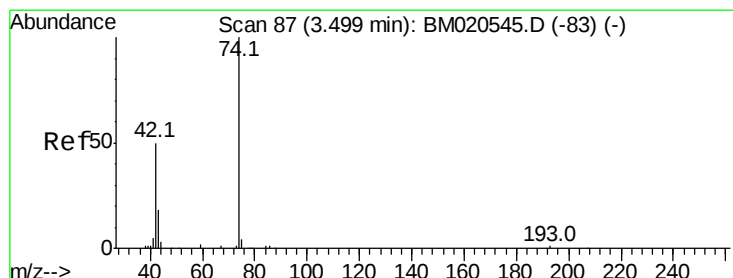
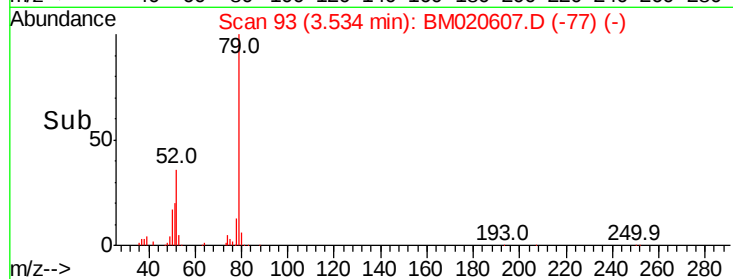
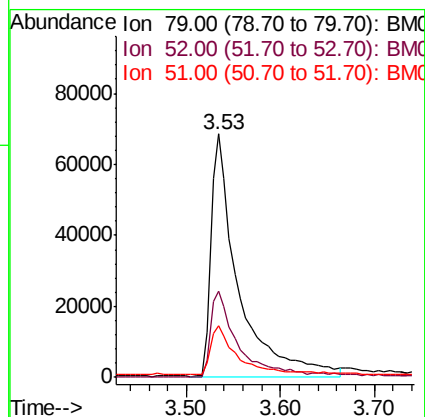
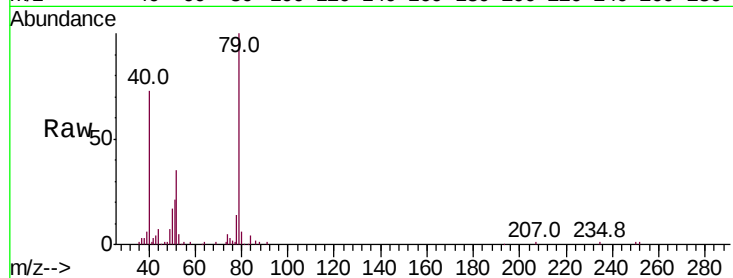
#3
 Pvridine
 Concen: 30.344 ng
 RT: 3.53 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

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Tot Ion:	79	Resp:	140688
Ion	Ratio	Lower	Upper
79	100		
52	35.5	30.1	45.1
51	21.0	17.8	26.8

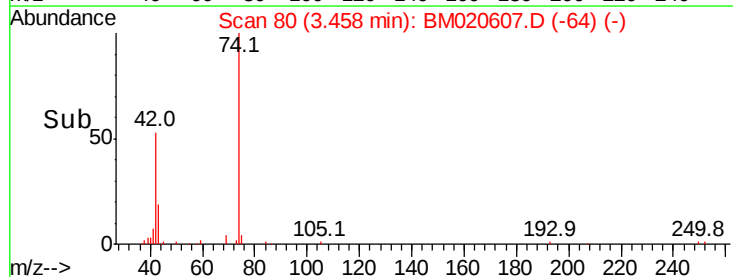
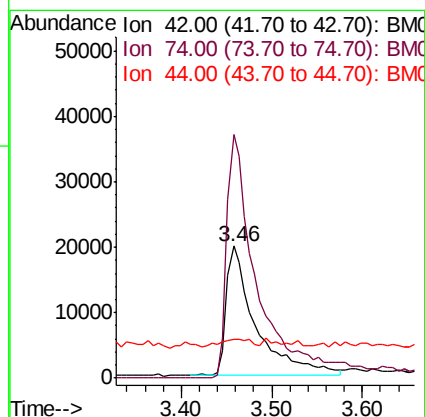
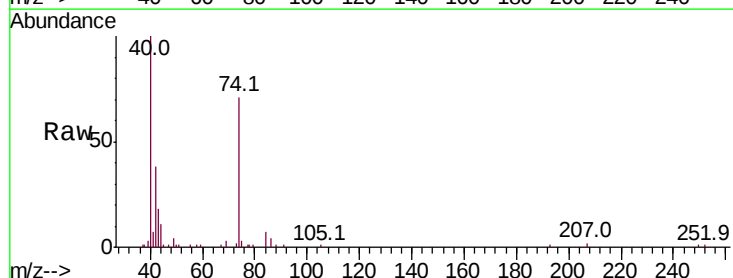
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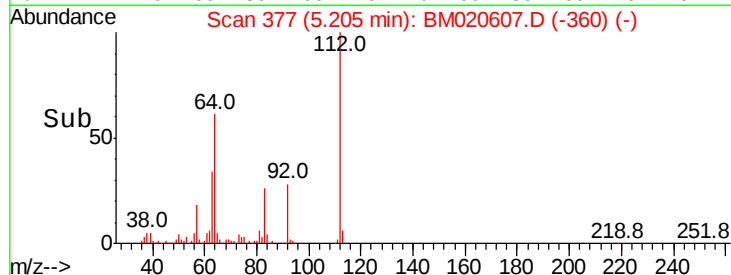
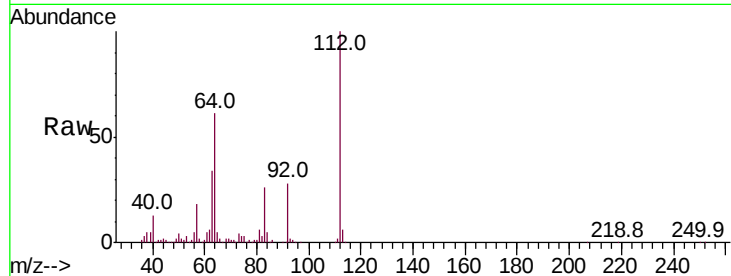
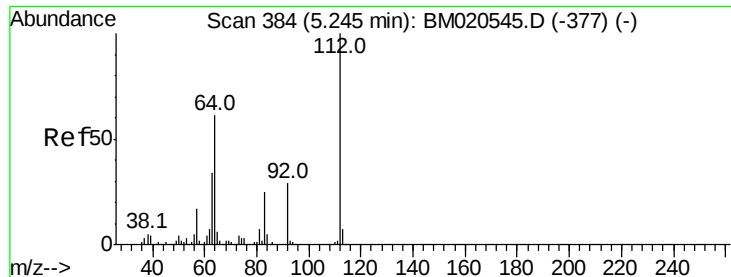
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#4
 n-Nitrosodimethylamine
 Concen: 39.407 ng
 RT: 3.46 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion:	42	Resp:	44423
Ion	Ratio	Lower	Upper
42	100		
74	184.9	161.1	241.7
44	29.4	20.9	31.3





#5

2-Fluorophenol

Concen: 134.476 ng

RT: 5.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tot Ion:	112	Resp:	408497
Ion Ratio	Lower	Upper	
112	100		
64	60.7	48.6	73.0
63	34.5	27.4	41.0

Instrument :

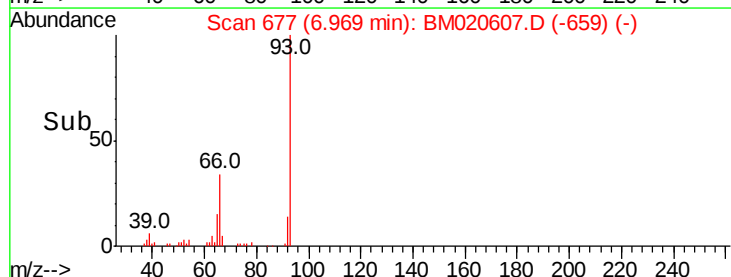
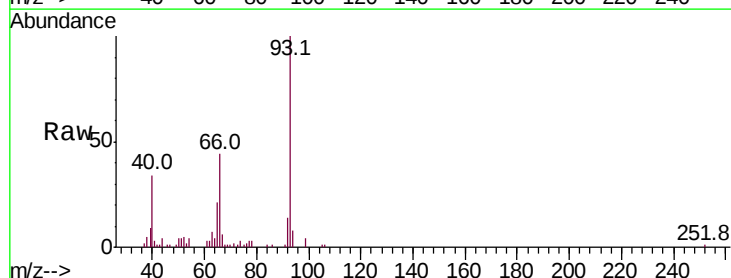
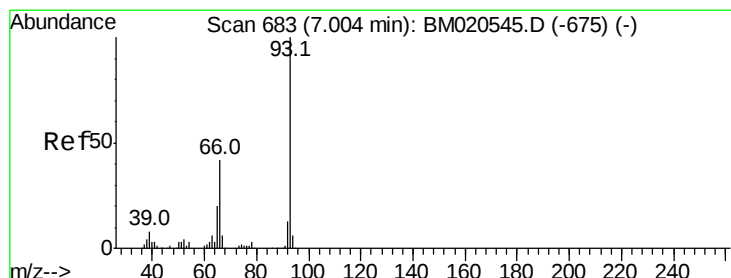
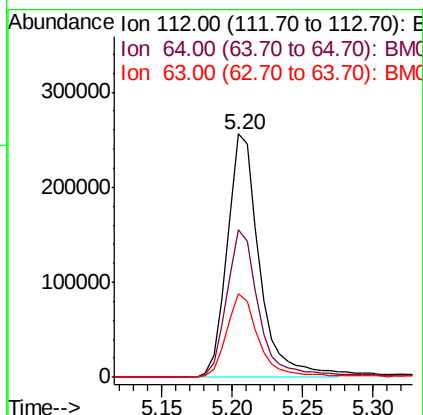
BNA_M

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#6

Aniline

Concen: 17.216 ng

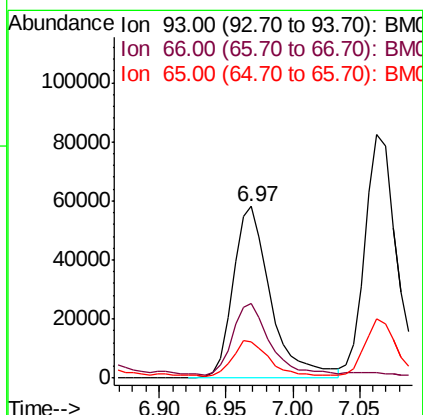
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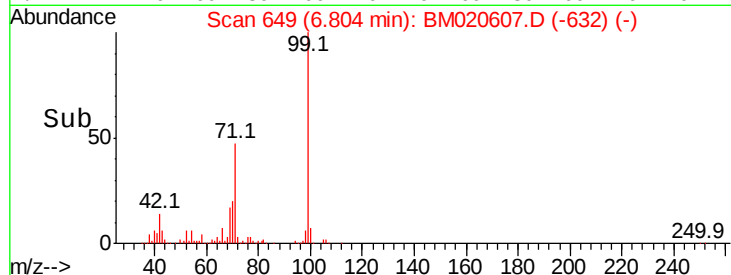
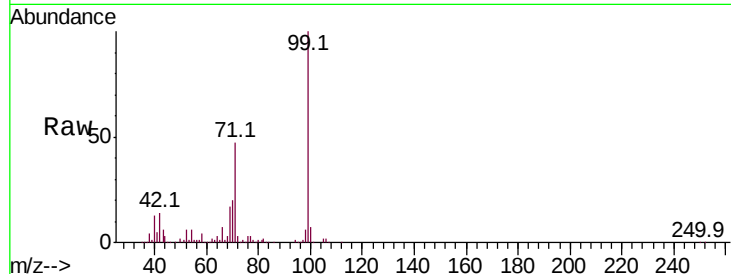
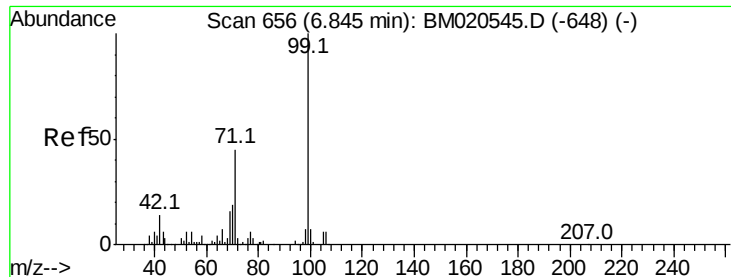
Delta R.T. 0.01 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	93	Resp:	114183
Ion Ratio	Lower	Upper	
93	100		
66	43.9	34.5	51.7
65	21.3	16.2	24.2





#7

Phenol-d6

Concen: 119.161 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tot Ion:	99	Resp:	546344
Ion Ratio	Lower	Upper	
99	100		
42	14.0	10.8	16.2
71	46.9	36.3	54.5

Instrument :

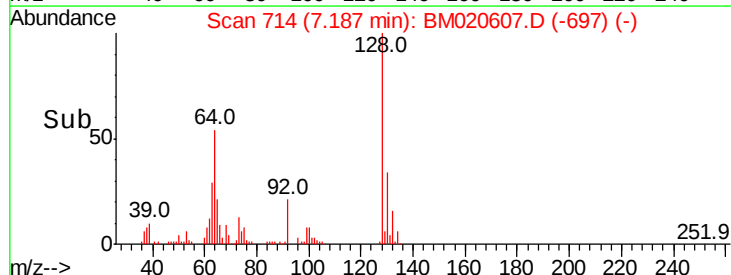
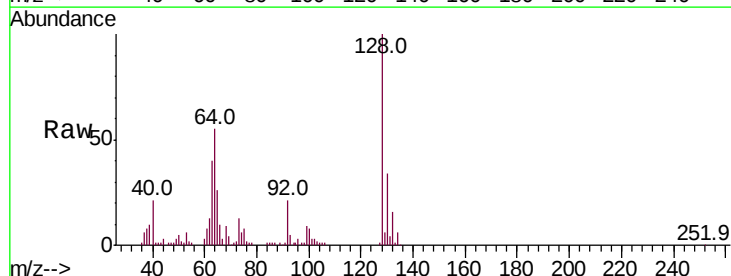
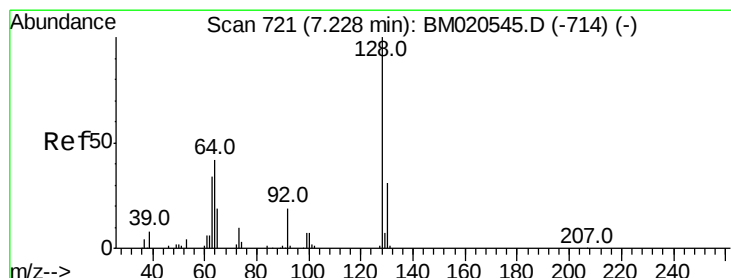
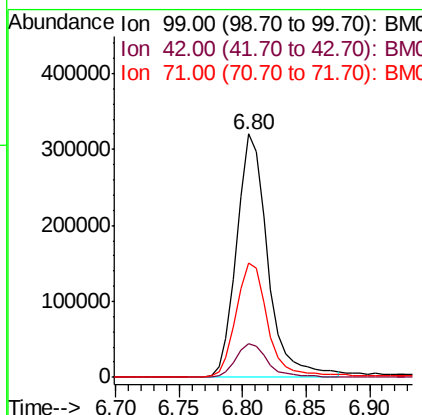
BNA_M

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#8

2-Chlorophenol

Concen: 39.189 ng

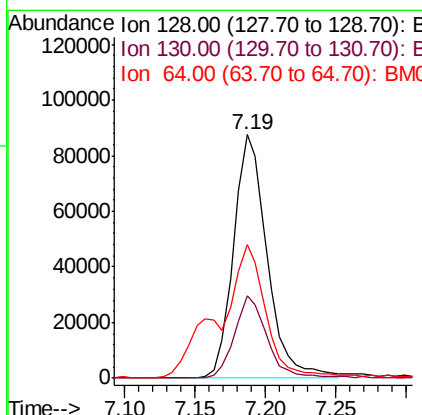
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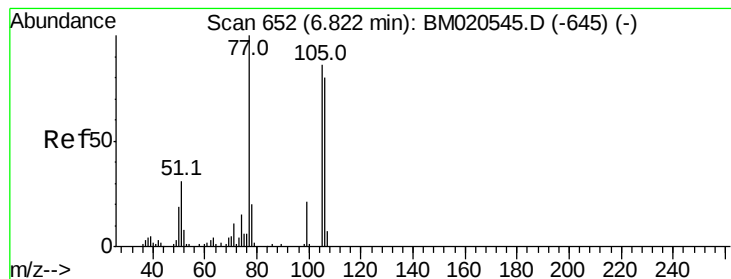
Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	128	Resp:	145567
Ion Ratio	Lower	Upper	
128	100		
130	33.6	11.2	51.2
64	54.6	31.1	71.1





#9

Benzaldehyde

Concen: 15.963 ng/mL

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

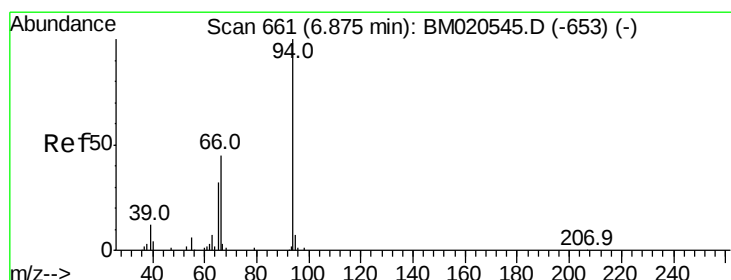
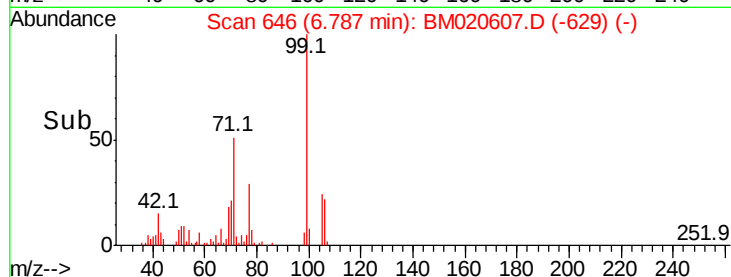
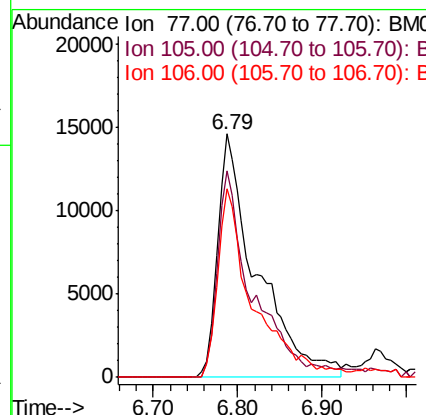
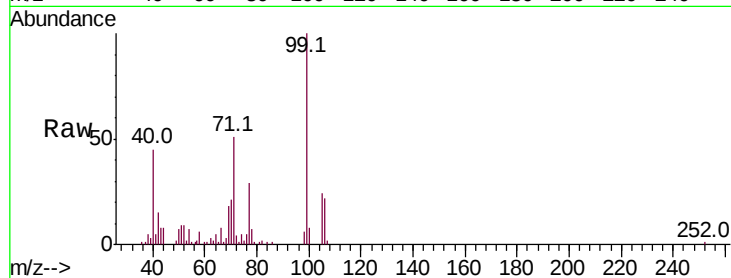
ClientSampleId :

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Tot Ion:	77	Resp:	46724
Ion	Ratio	Lower	Upper
77	100		
105	84.9	66.1	106.1
106	77.7	60.0	100.0

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#10

Phenol

Concen: 40.379 ng/mL

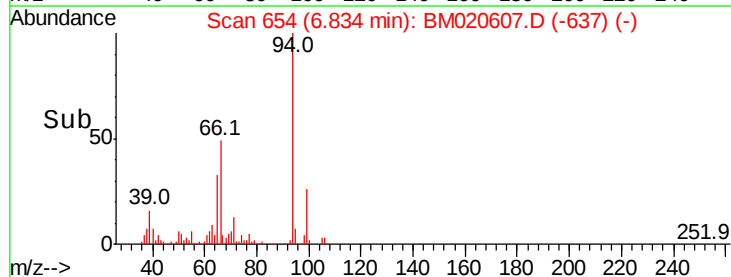
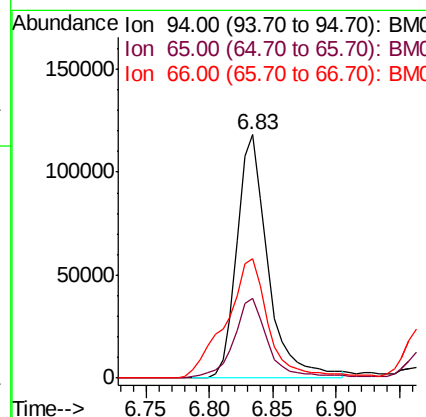
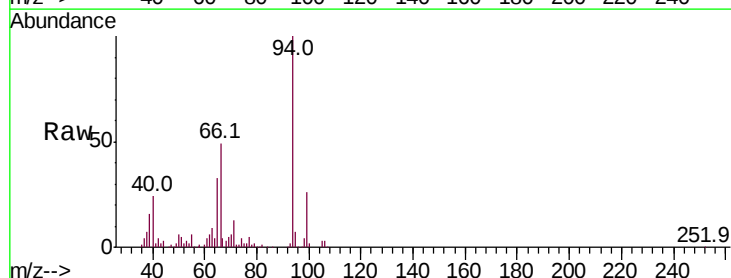
RT: 6.83 min Scan# 654

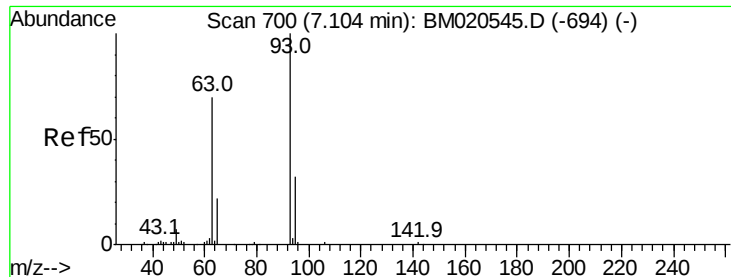
Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	94	Resp:	199919
Ion	Ratio	Lower	Upper
94	100		
65	33.0	12.4	52.4
66	49.1	27.4	67.4





#11

bis(2-Chloroethyl)ether

Concen: 34.213 ng

RT: 7.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

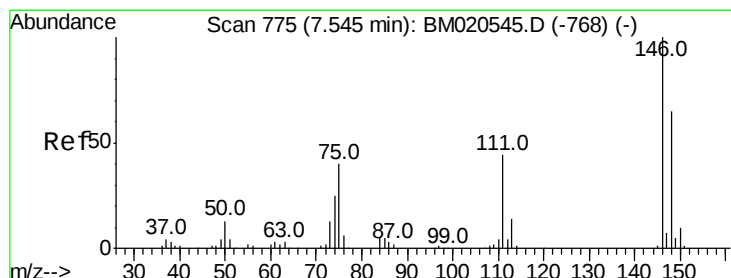
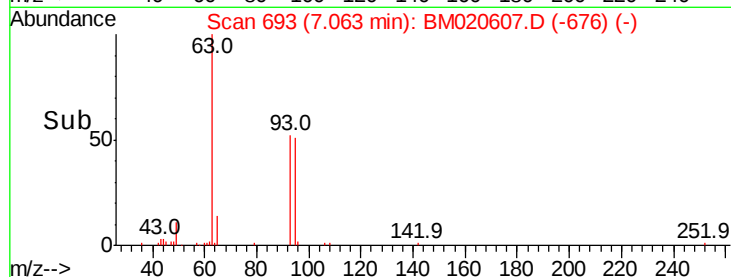
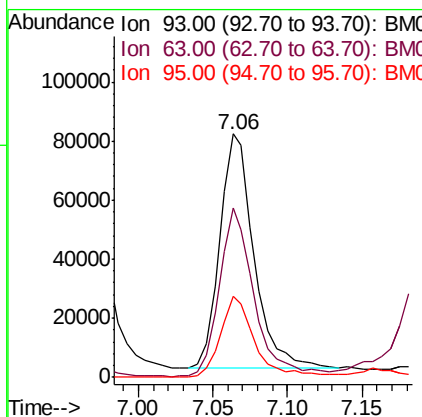
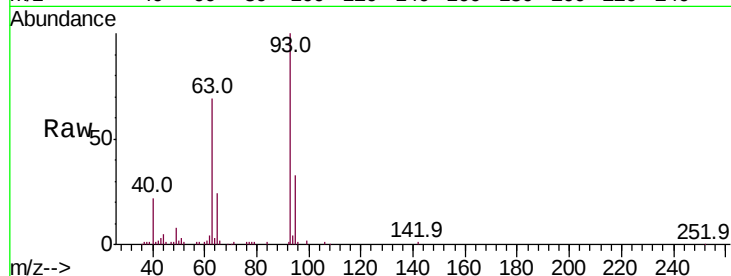
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	93	Resp:	126409
Ion	Ratio	Lower	Upper
93	100		
63	69.3	47.6	87.6
95	33.2	10.9	50.9

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#12

1,3-Dichlorobenzene

Concen: 34.817 ng

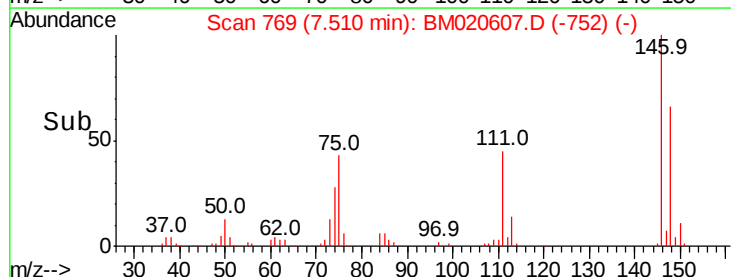
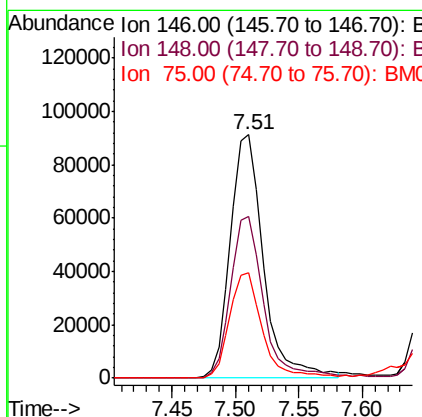
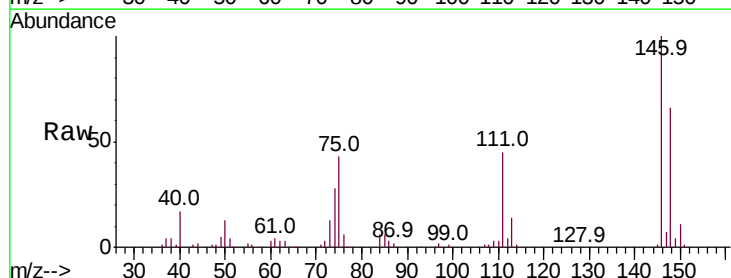
RT: 7.51 min Scan# 769

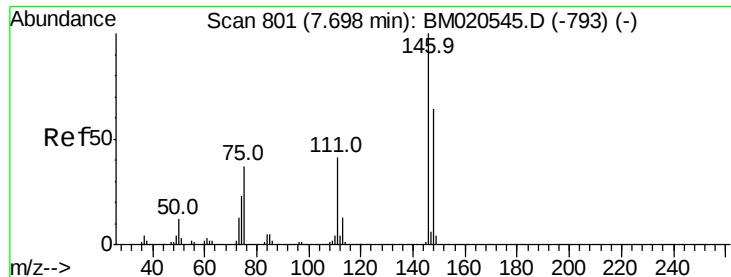
Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	146	Resp:	165623
Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.9	77.9
75	43.1	31.6	47.4





#13

1,4-Dichlorobenzene

Concen: 34.494 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

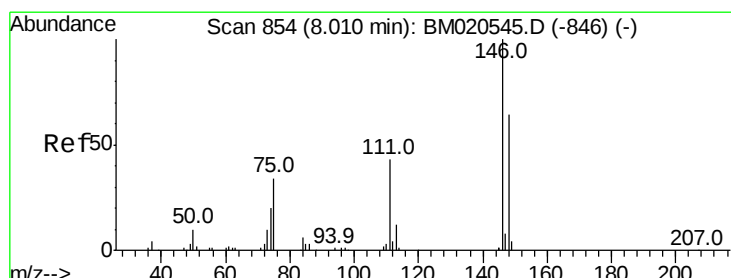
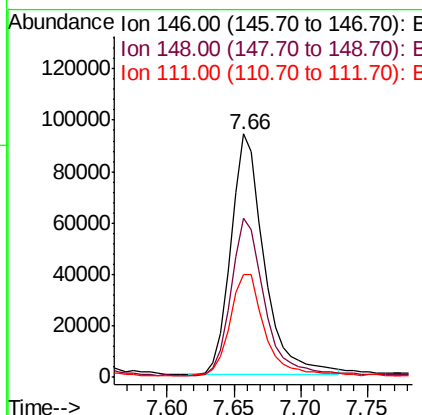
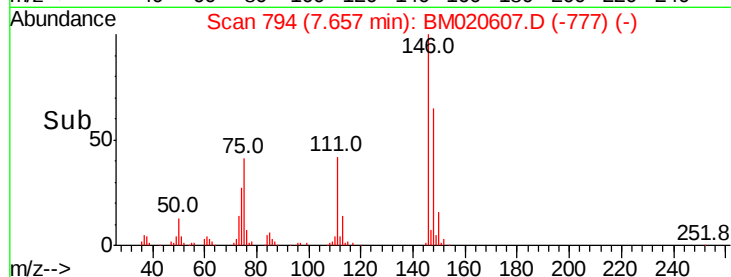
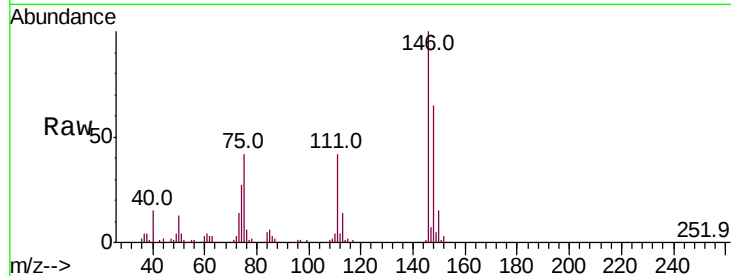
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	146	Resp:	164013
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.1	76.7
111	42.1	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 35.177 ng

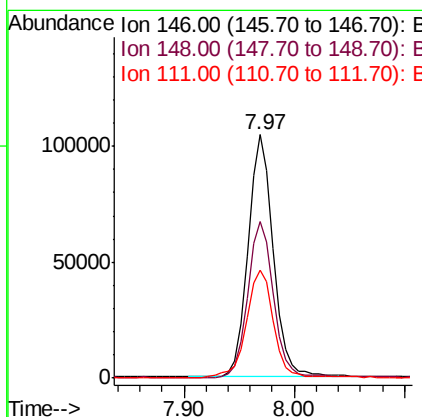
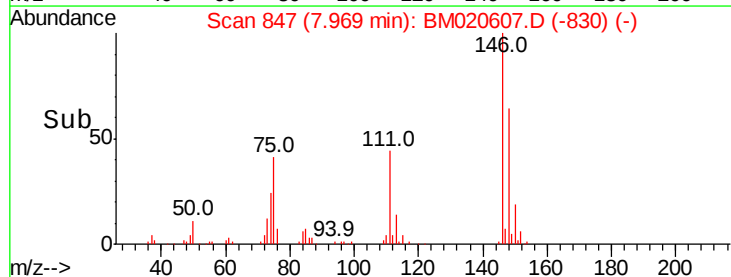
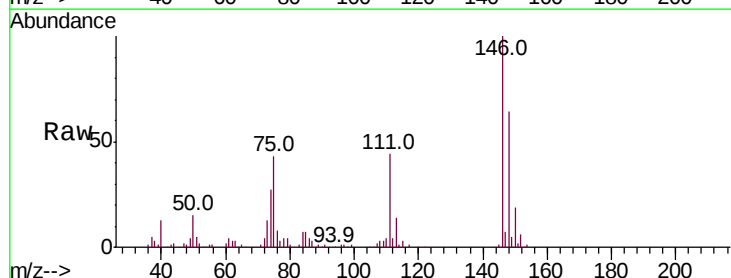
RT: 7.97 min Scan# 847

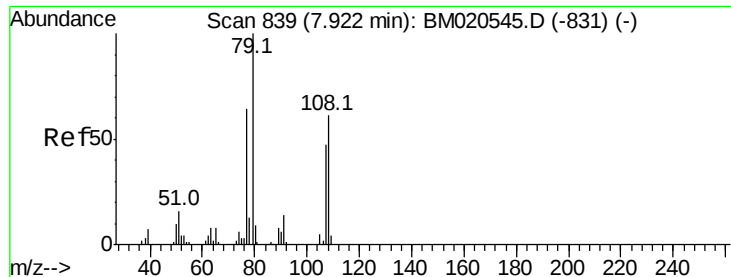
Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	146	Resp:	167686
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.2	76.8
111	44.2	35.2	52.8





#15

Benzyl Alcohol

Concen: 31.583 ng

RT: 7.88 min Scan# 832

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

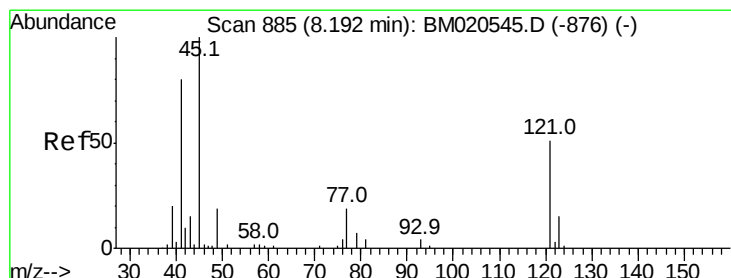
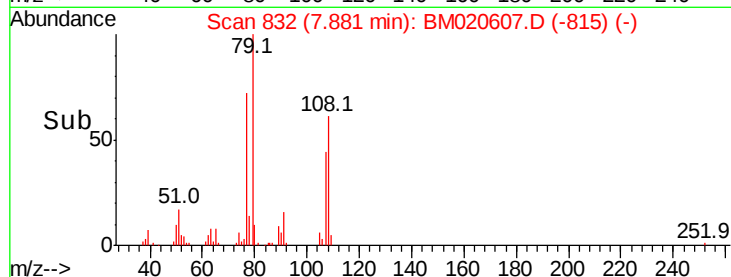
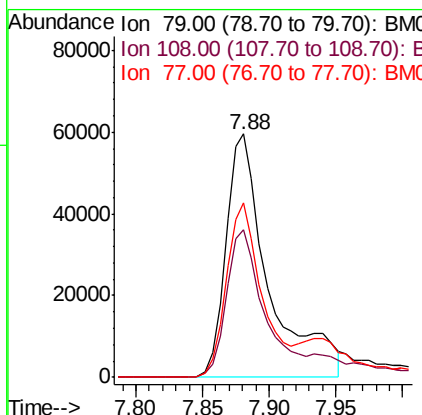
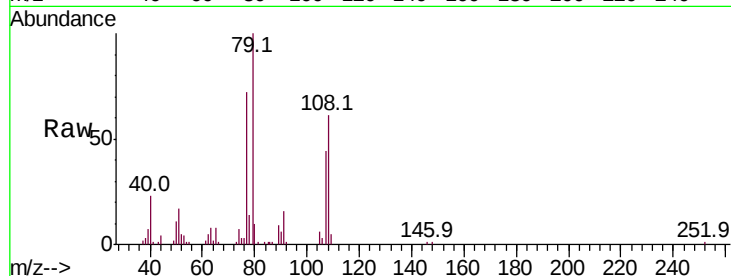
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	79	Resp:	133997
Ion Ratio	Lower	Upper	
79	100		
108	60.6	48.5	72.7
77	71.5	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.246 ng

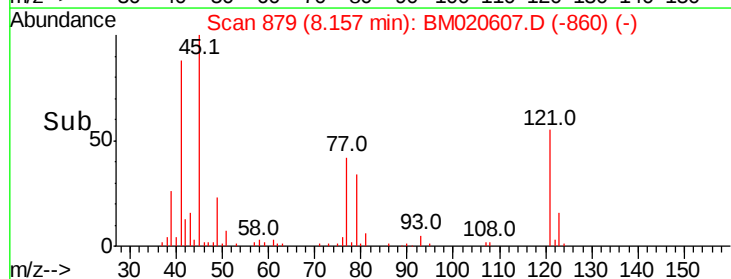
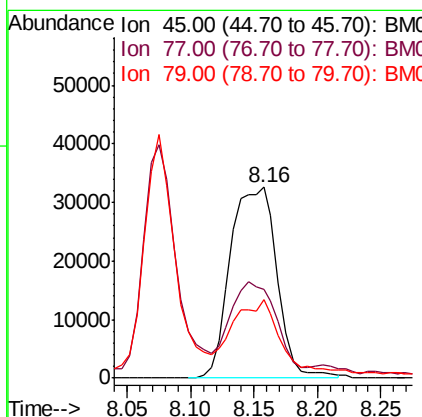
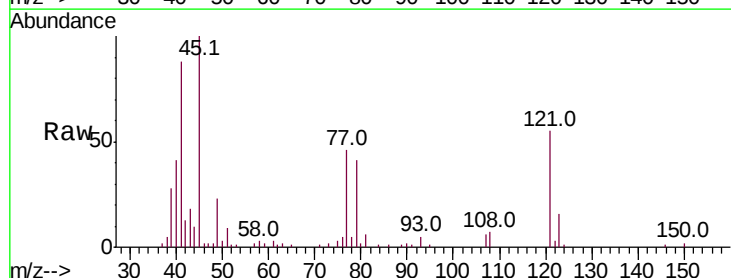
RT: 8.16 min Scan# 879

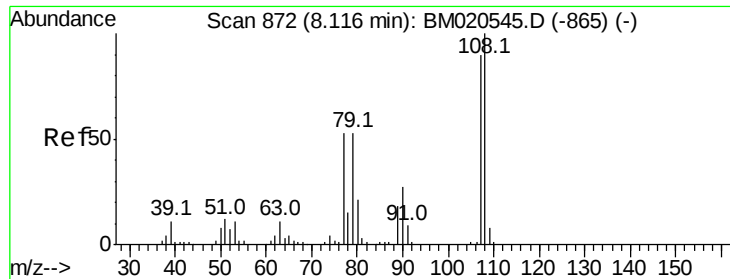
Delta R.T. 0.01 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	45	Resp:	83038
Ion Ratio	Lower	Upper	
45	100		
77	46.4	25.0	65.0
79	40.8	13.1	53.1





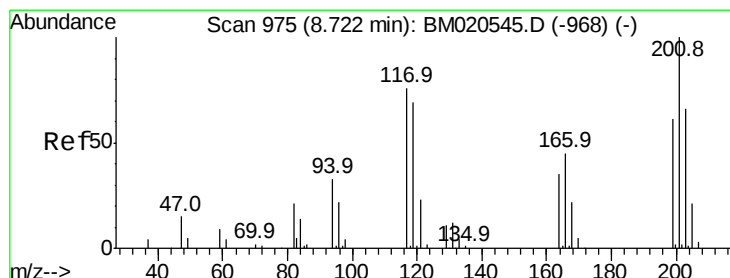
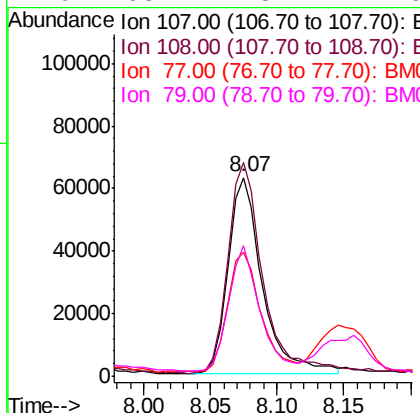
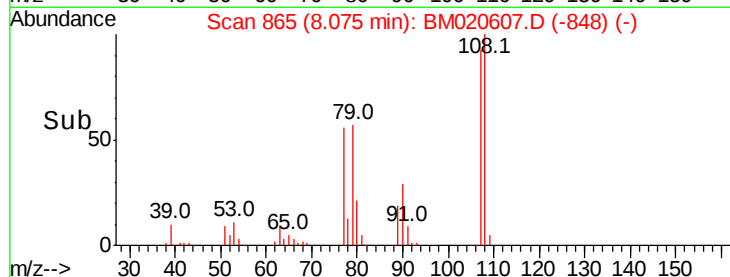
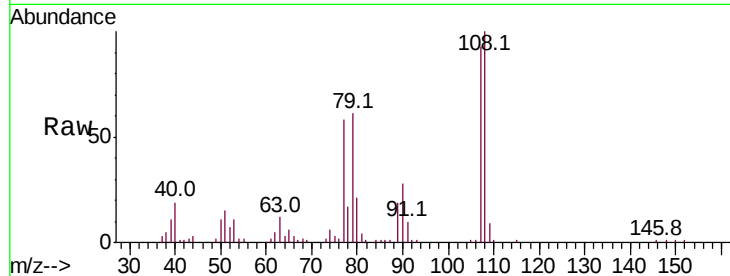
#17
2-Methylphenol
Concen: 34.550 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampled :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.4	89.4	134.2	
77	62.5	48.2	72.4	
79	65.4	48.4	72.6	

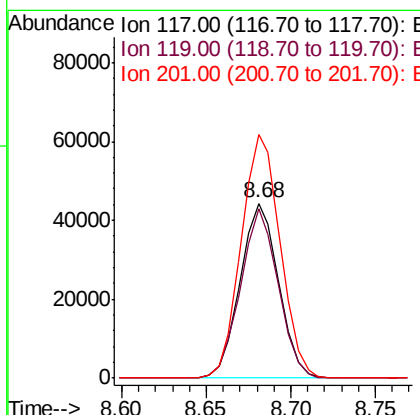
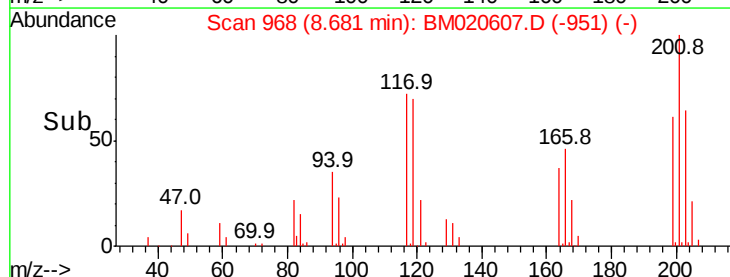
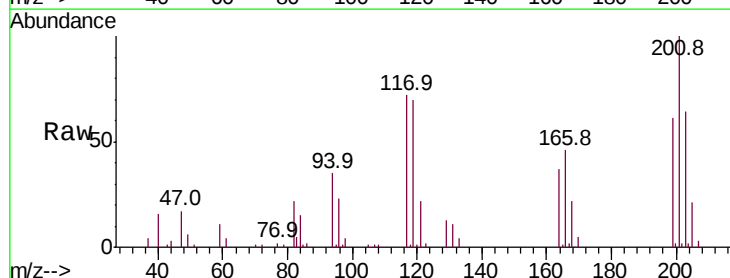
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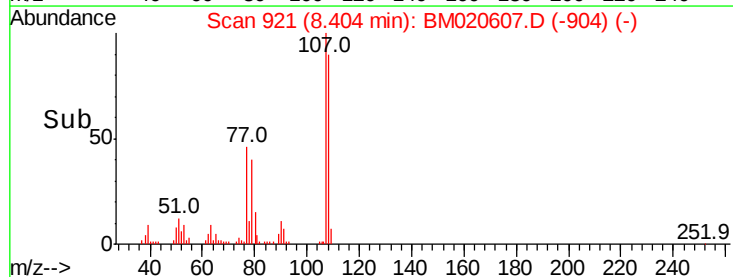
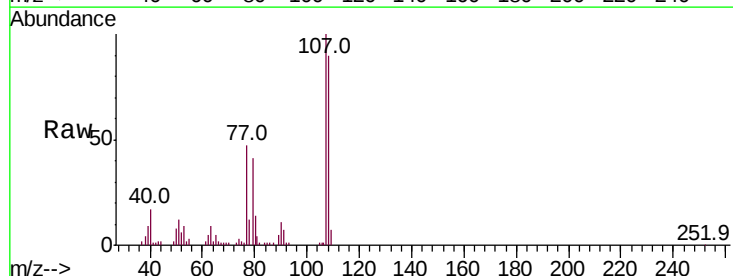
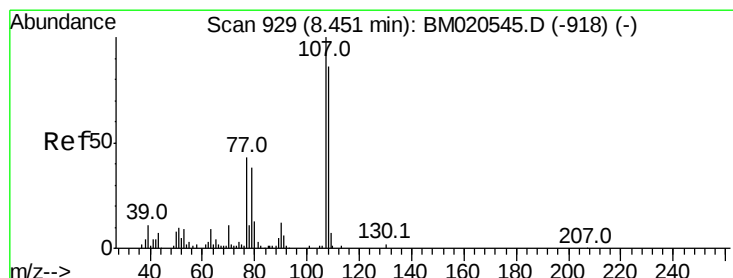
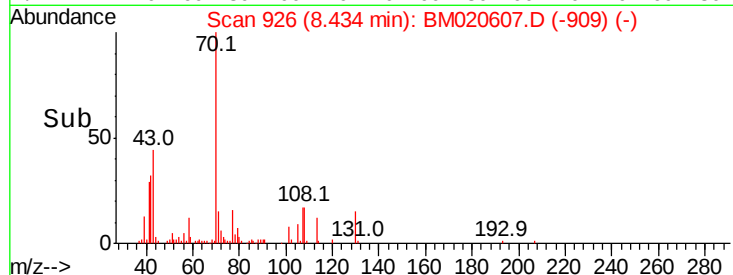
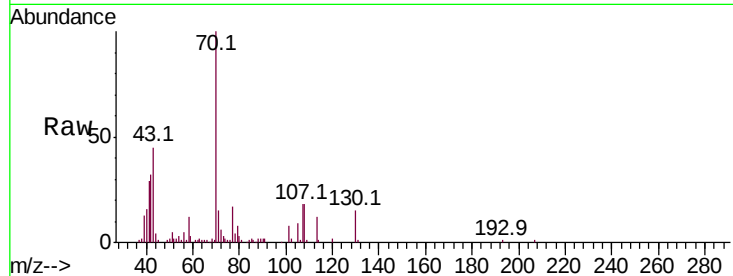
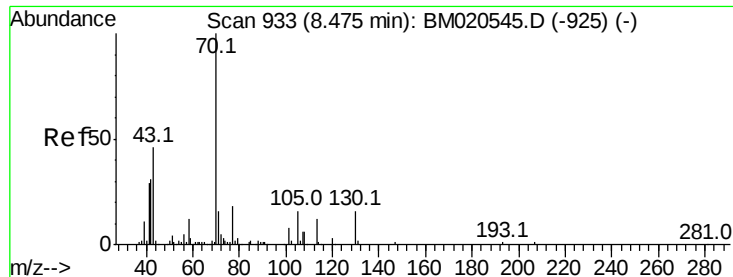
mohammad
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#18
Hexachloroethane
Concen: 36.311 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	73.2	109.8	
201	139.2	105.8	158.8	





#19

n-Nitroso-di-n-propylamine

Concen: 32.413 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM020607.D

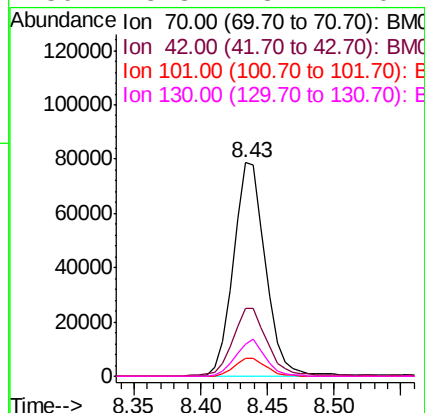
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	31.6	24.7	37.1
101	8.1	6.8	10.2
130	15.3	13.1	19.7

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#20

3+4-Methylphenols

Concen: 33.405 ng

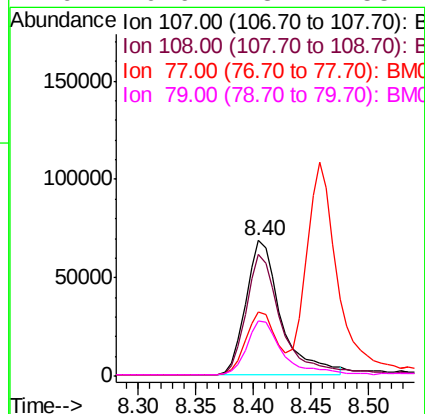
RT: 8.40 min Scan# 921

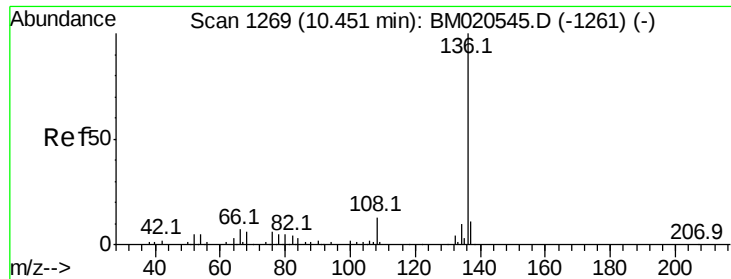
Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	66.5	106.5
77	47.2	23.0	63.0
79	40.6	18.2	58.2





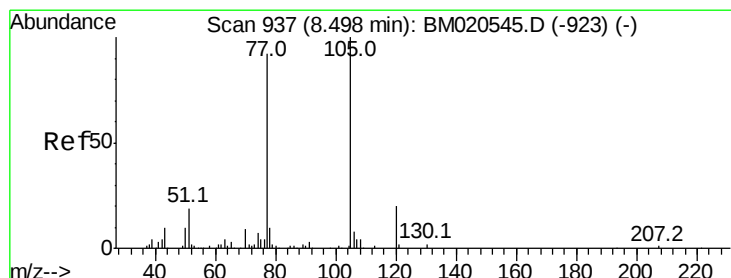
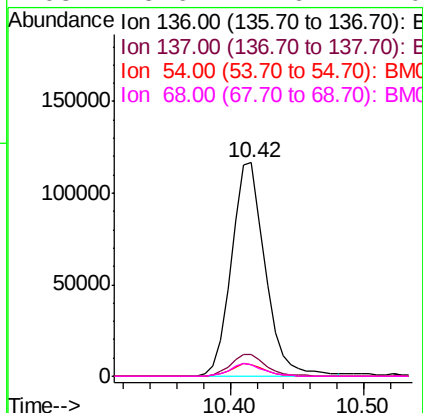
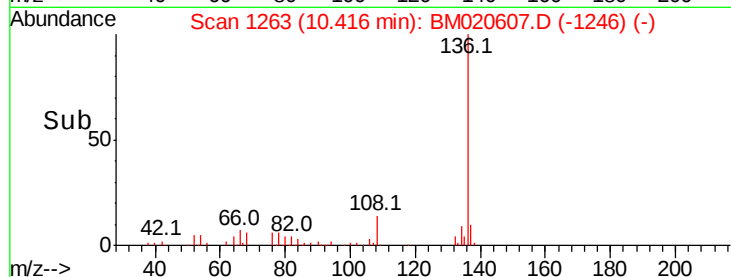
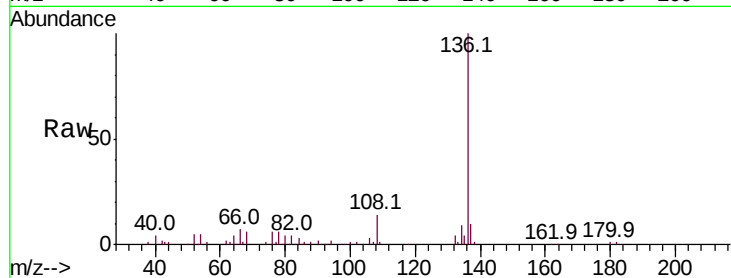
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	205699		
137	10.1		8.4	12.6
54	5.4		4.2	6.4
68	5.6		4.6	7.0

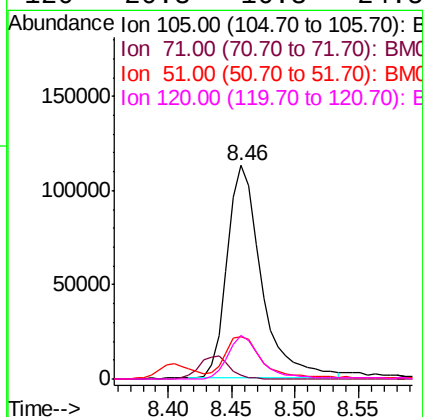
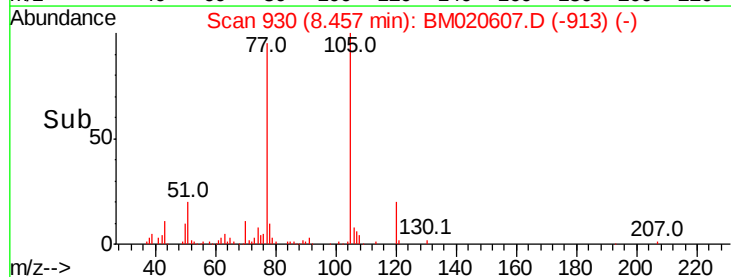
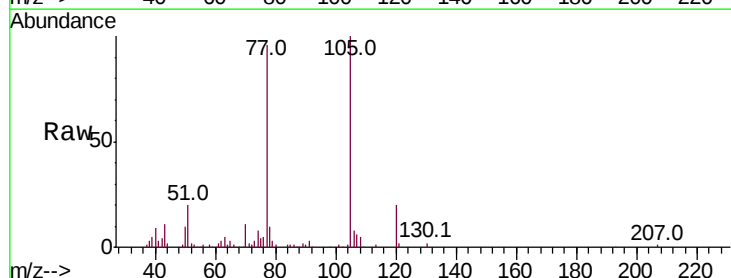
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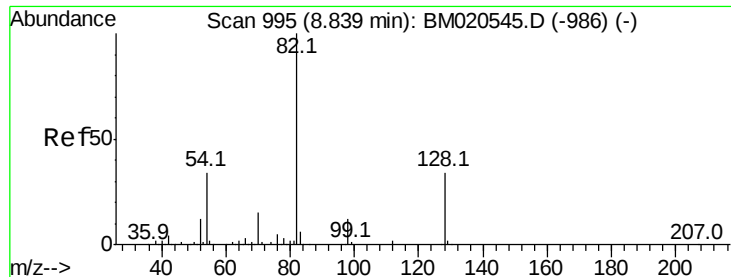
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#22
Acetophenone
Concen: 37.523 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212541		
71	1.8		1.3	1.9
51	19.8		15.7	23.5
120	20.3		16.3	24.5





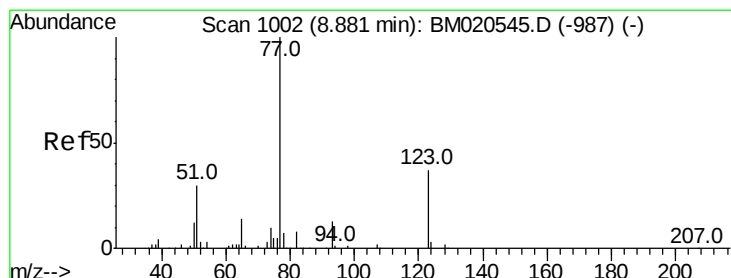
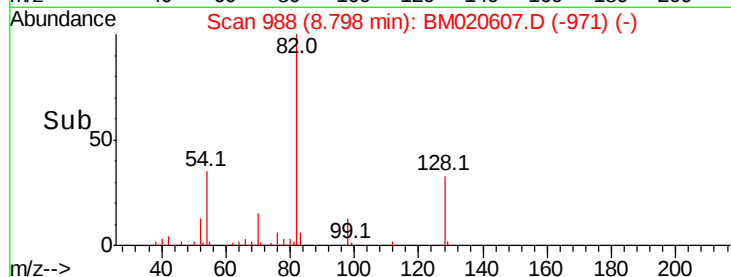
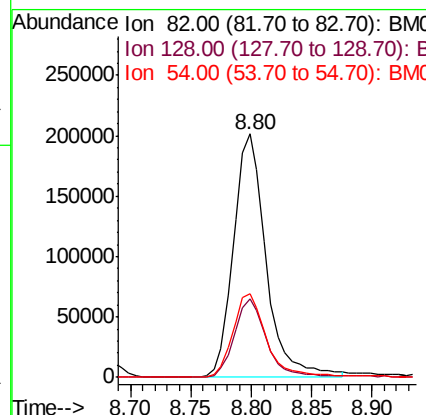
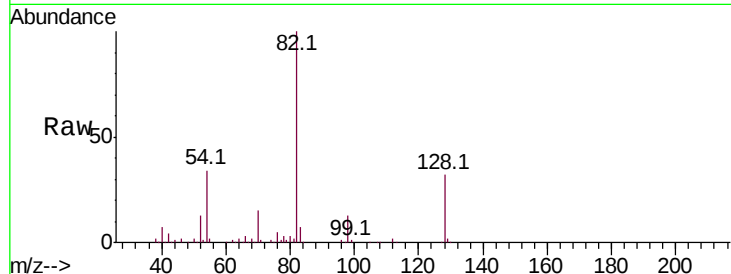
#23
Nitrobenzene-d5
Concen: 77.514 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampled :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	27.0	40.4
54	34.1	27.4	41.2

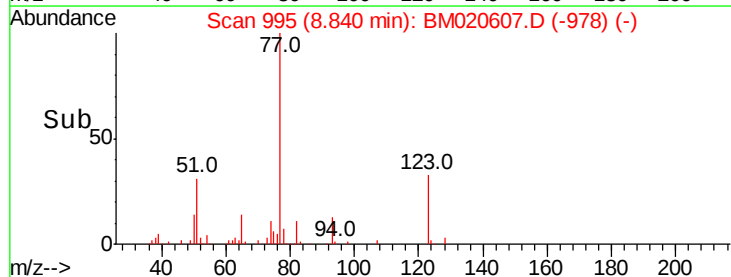
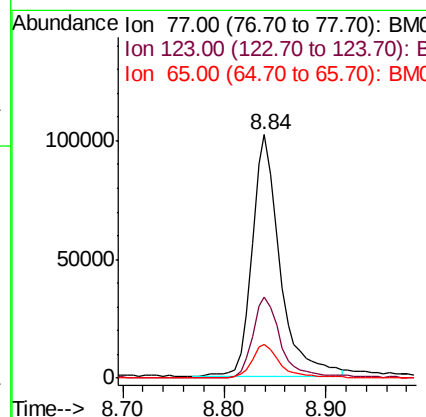
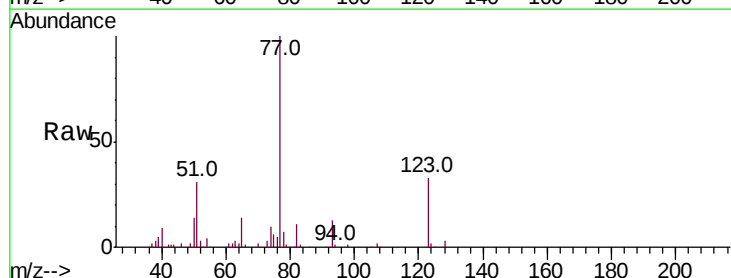
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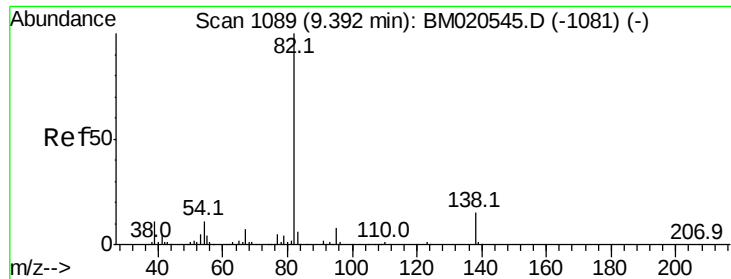
mohammad
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#24
Nitrobenzene
Concen: 40.329 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.2	29.4	44.2
65	13.7	10.8	16.2





#25

Isophorone

Concen: 38.789 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

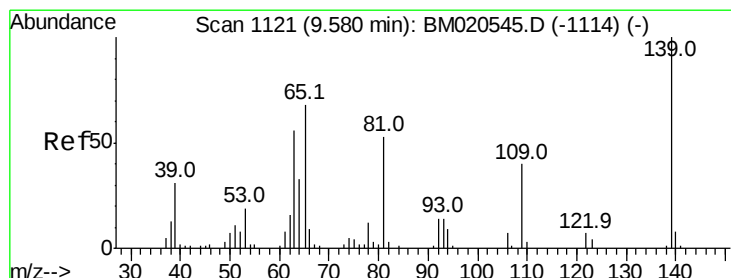
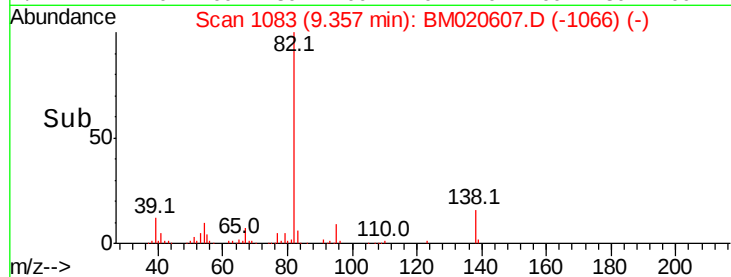
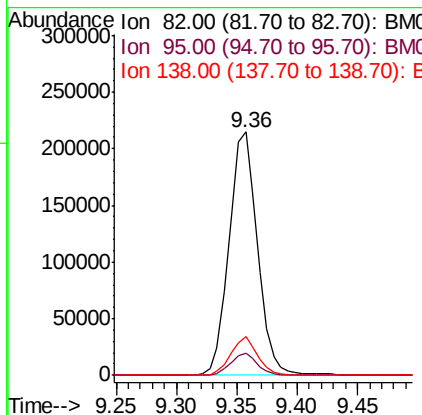
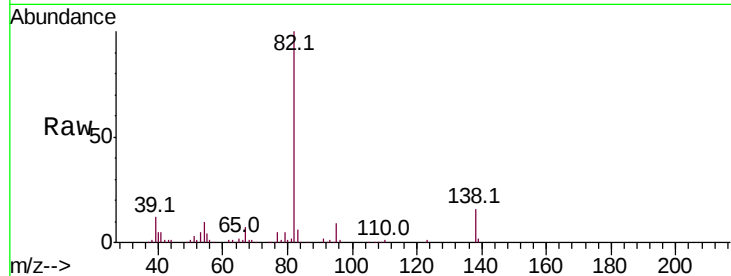
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	82	Resp:	353711
Ion Ratio	Lower	Upper	
82	100		
95	9.2	6.7	10.1
138	16.0	12.0	18.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.329 ng

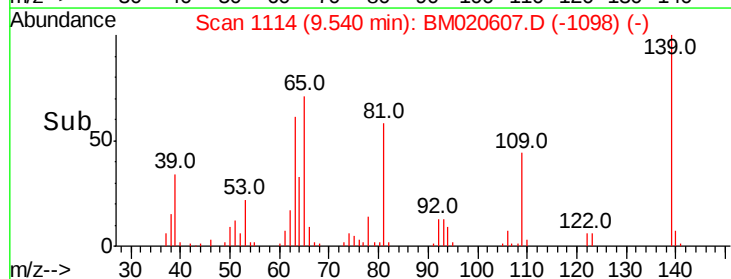
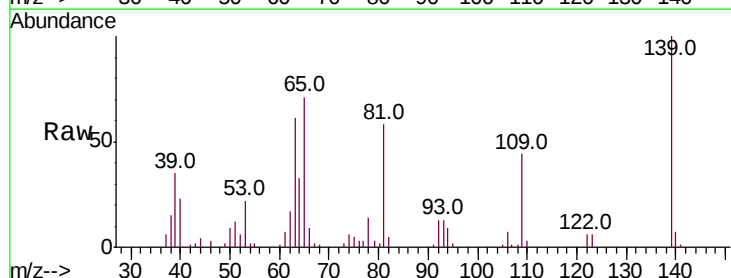
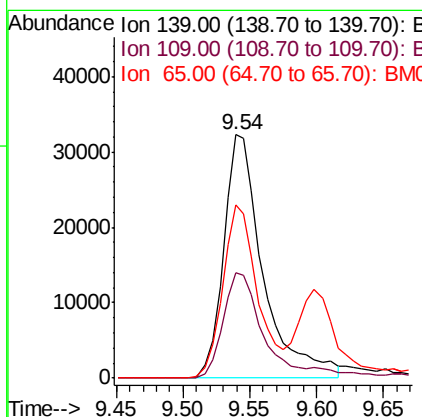
RT: 9.54 min Scan# 1114

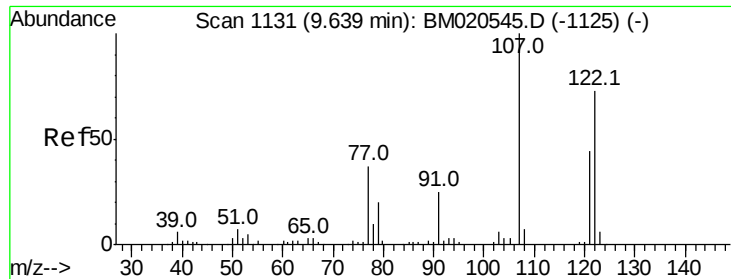
Delta R.T. -0.01 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	139	Resp:	66664
Ion Ratio	Lower	Upper	
139	100		
109	43.5	32.3	48.5
65	71.2	54.4	81.6





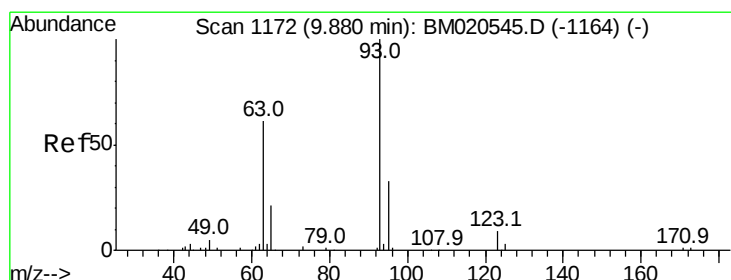
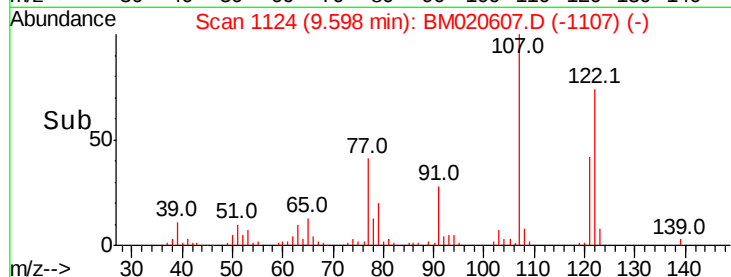
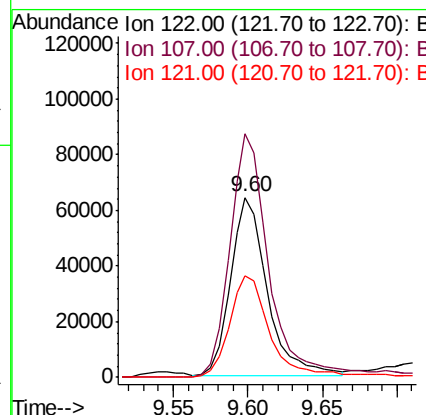
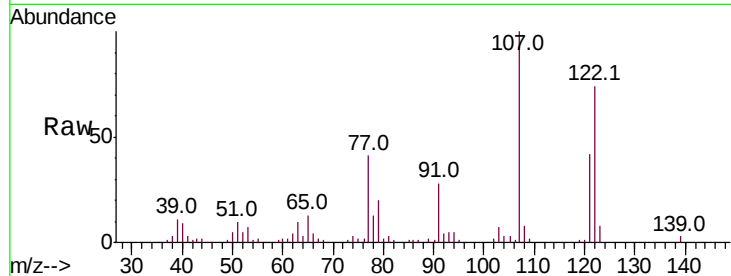
#27
 2,4-Dimethylphenol
 Concen: 41.413 ng
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.1	108.2	162.2
121	56.5	47.4	71.0

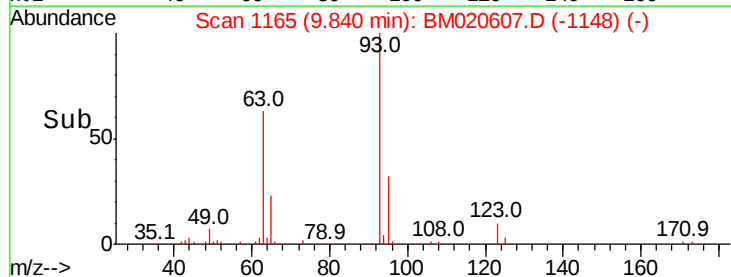
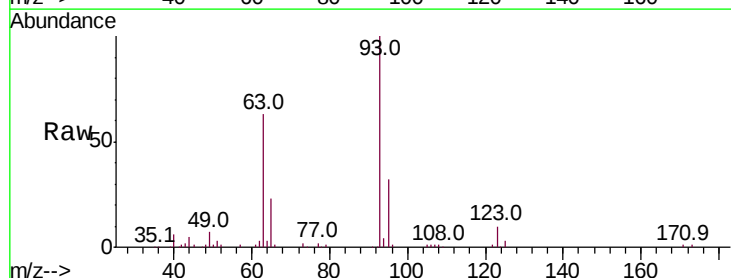
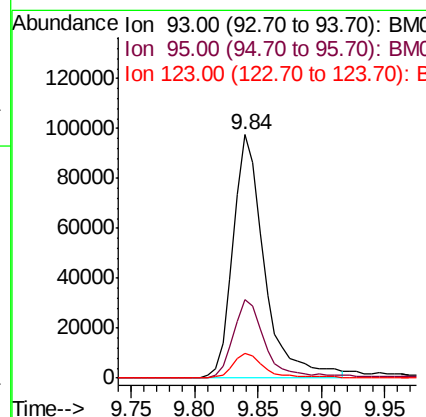
Manual Integrations
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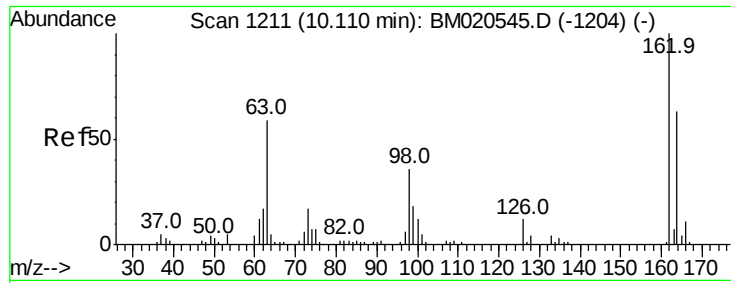
mohammad
 5/30/2019 8:16:35 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.377 ng
 RT: 9.84 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	9.9	8.1	12.1





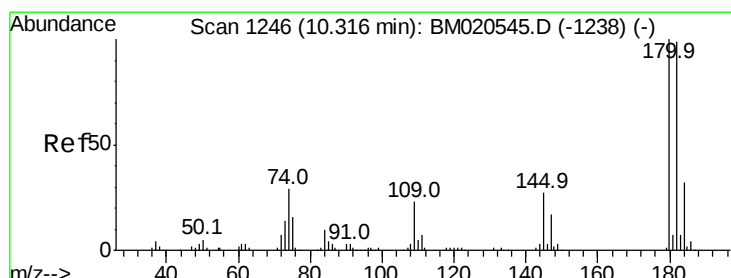
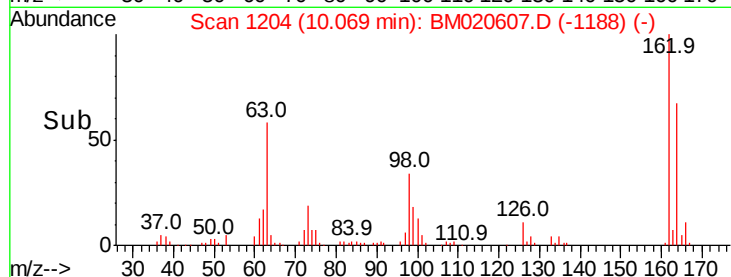
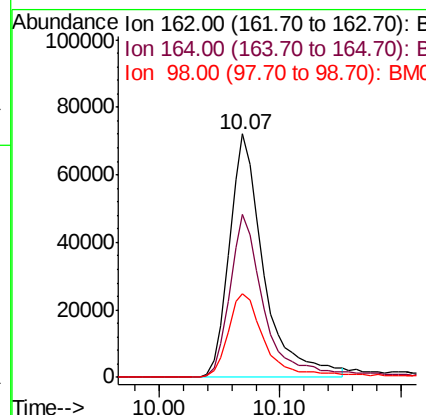
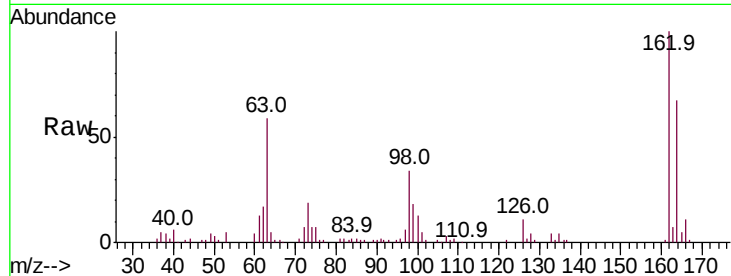
#29
2,4-Dichlorophenol
Concen: 40.220 ng
RT: 10.07 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	142309		
164	66.7	43.1	83.1	
98	34.2	16.2	56.2	

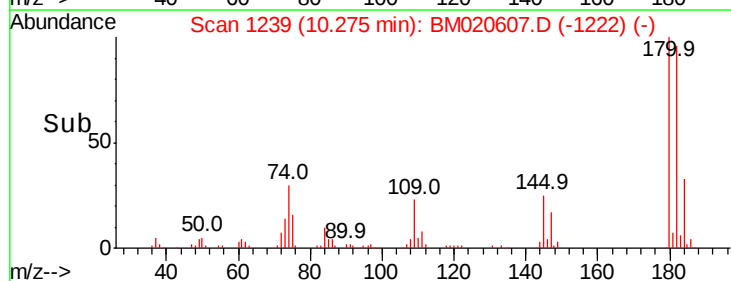
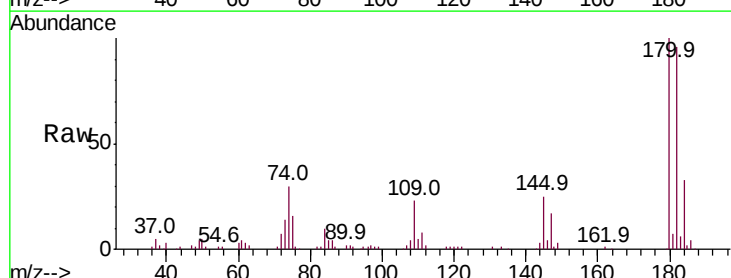
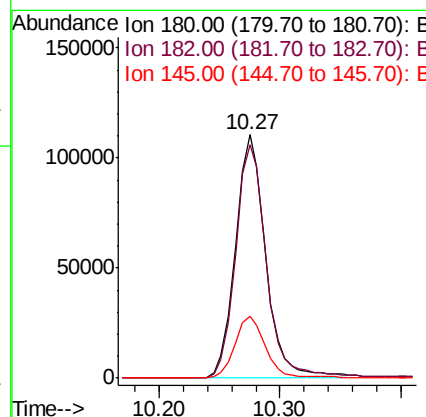
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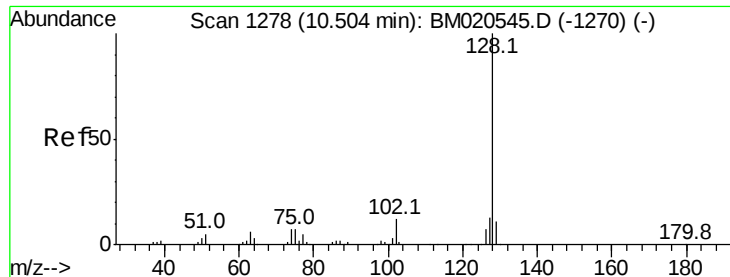
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.931 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193182		
182	95.7	78.8	118.2	
145	25.2	21.3	31.9	





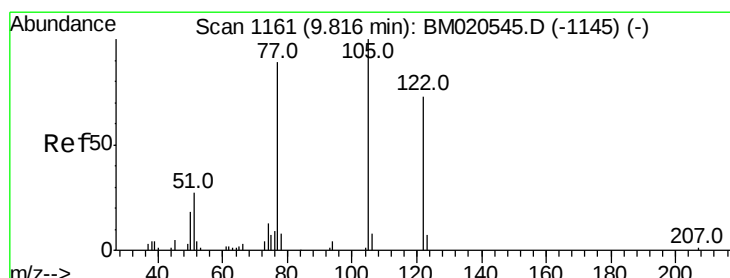
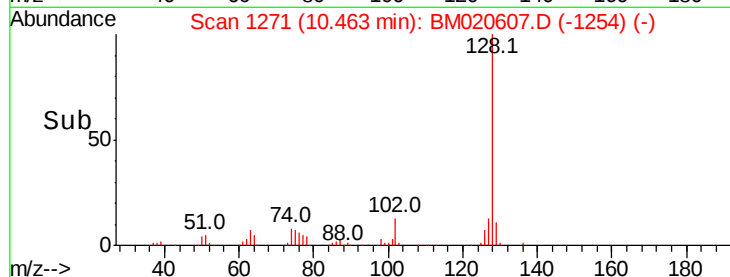
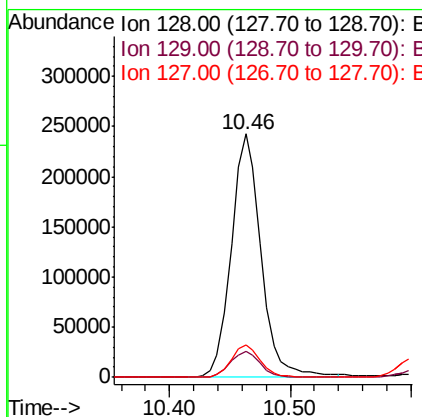
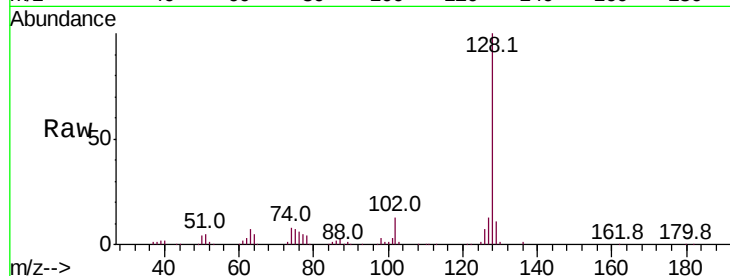
#31
Naphthalene
Concen: 39.280 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.3	10.4	15.6

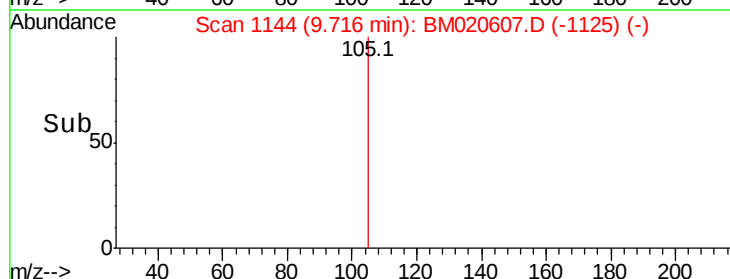
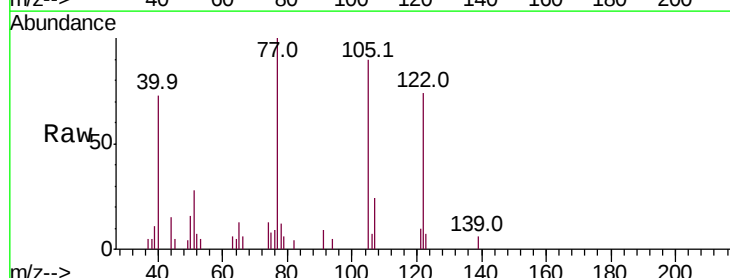
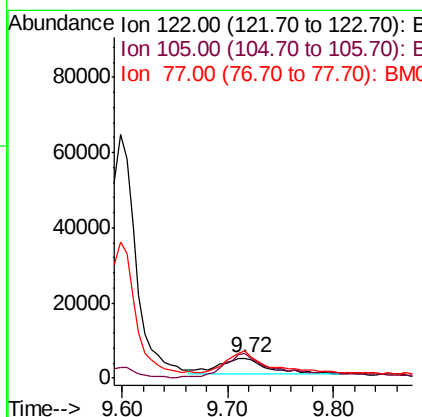
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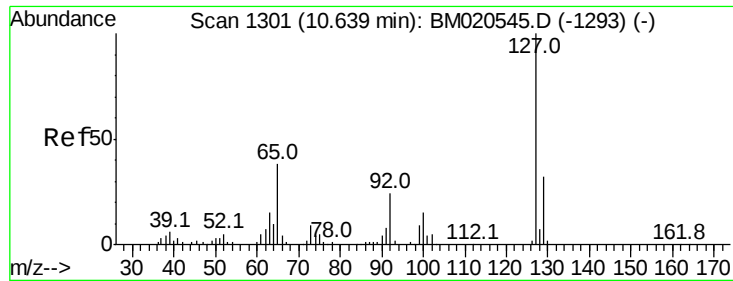
mohammad
5/30/2019 8:16:35 AM



#32
Benzoic acid
Concen: 16.330 ng m
RT: 9.72 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	108.8	148.8
77	134.6	97.8	137.8





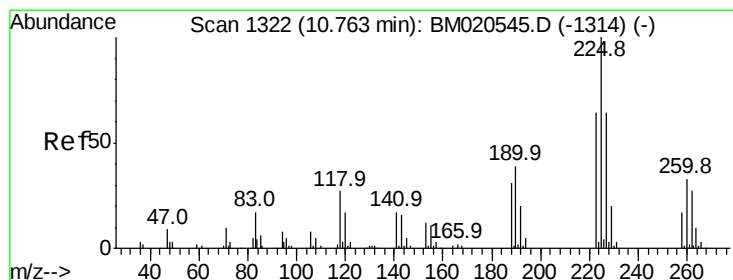
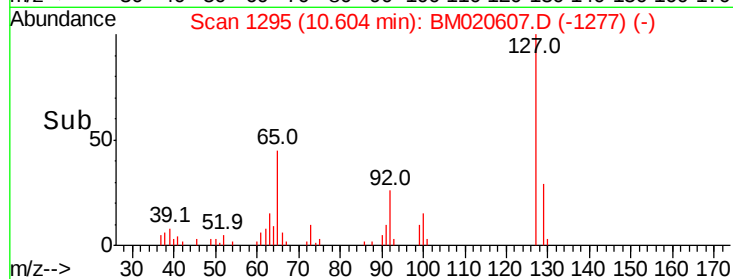
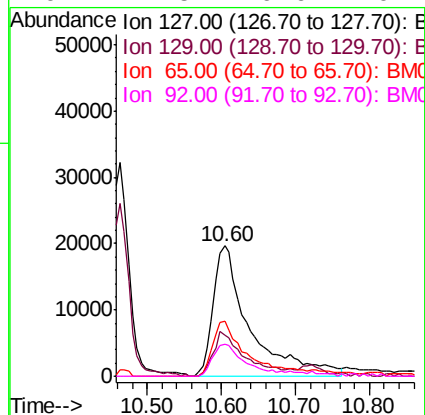
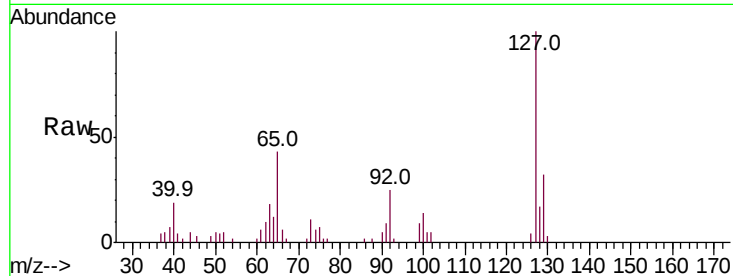
#33
4-Chloroaniline
Concen: 16.051 ng/mL
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	42.6	30.6	45.8
92	24.5	19.6	29.4

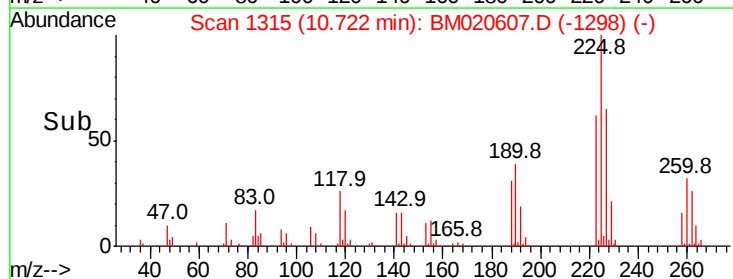
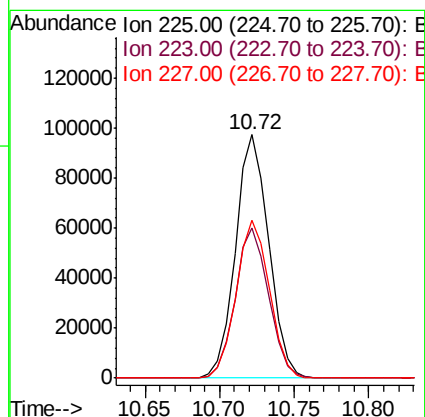
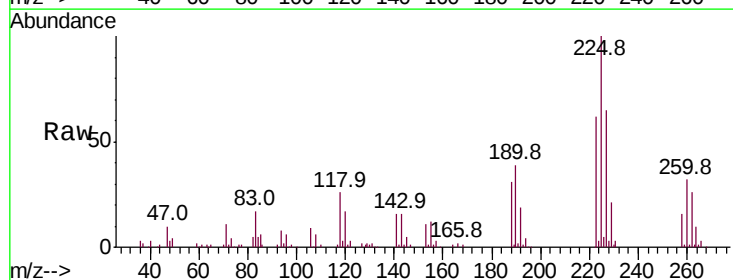
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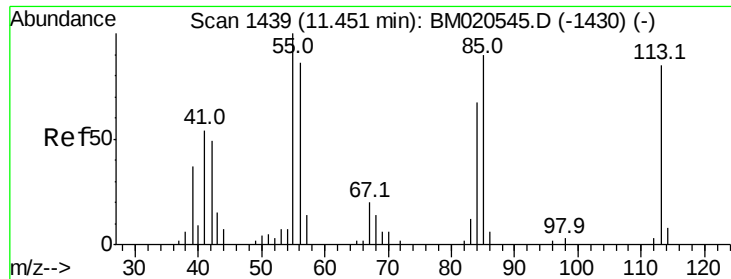
mohammad
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#34
Hexachlorobutadiene
Concen: 41.943 ng/mL
RT: 10.72 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.4	77.0
227	64.9	51.0	76.6





#35

Caprolactam

Concen: 30.716 ng/mL

RT: 11.41 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

ClientSampled :

COMP-5.8.19MS

Tot Ion:113 Resp: 35769

Ion Ratio Lower Upper

113 100

55 119.1 97.6 137.6

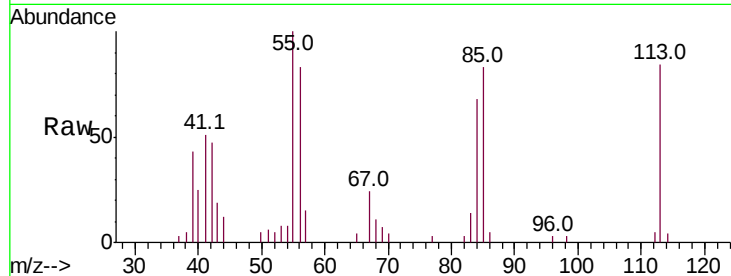
56 99.3 81.6 121.6

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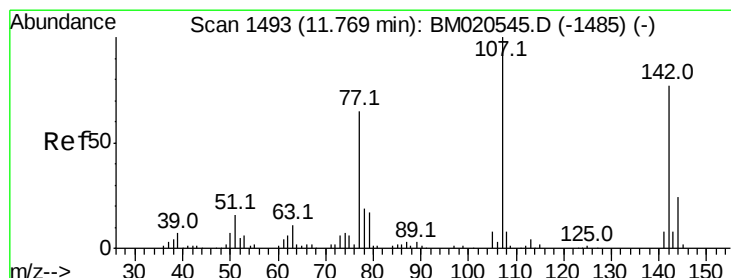
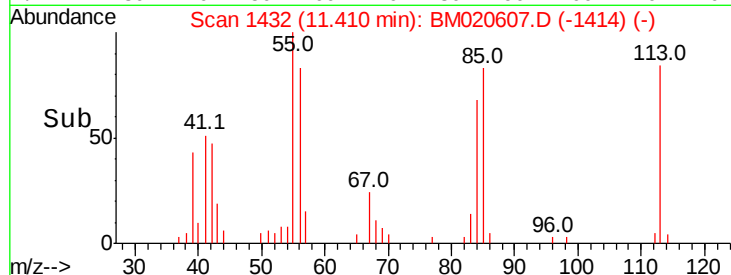
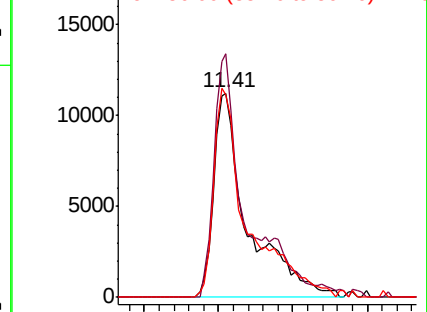
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 36.182 ng/mL

RT: 11.72 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

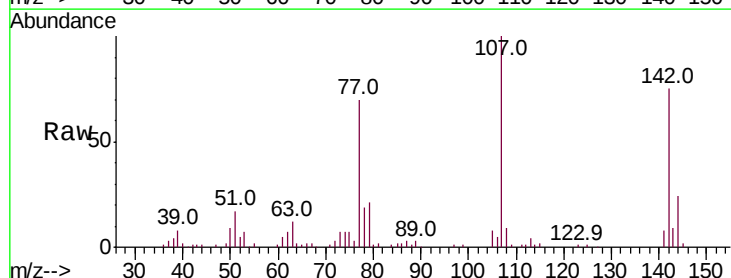
Tgt Ion:107 Resp: 139313

Ion Ratio Lower Upper

107 100

144 24.2 19.0 28.6

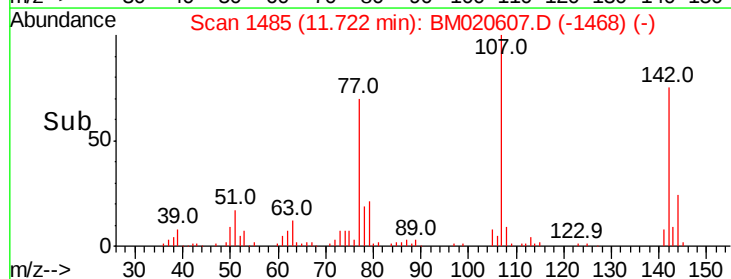
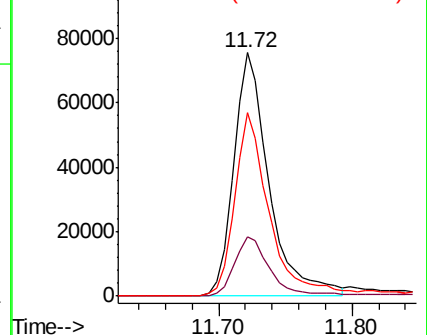
142 75.4 61.3 91.9

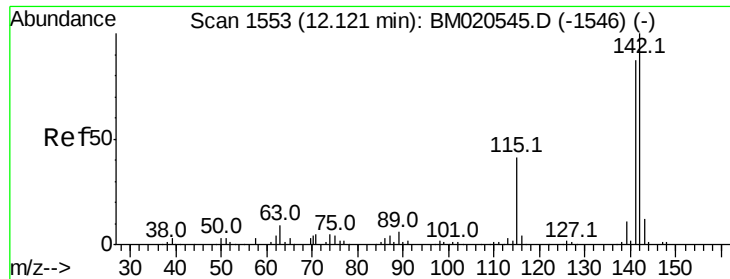


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





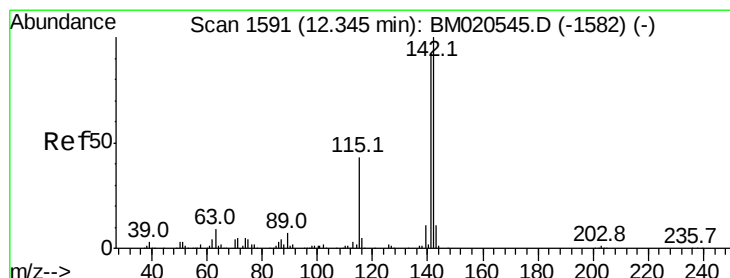
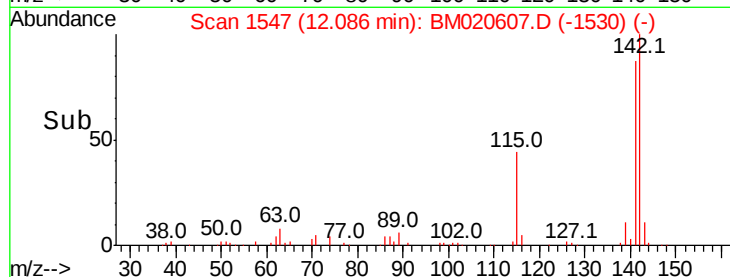
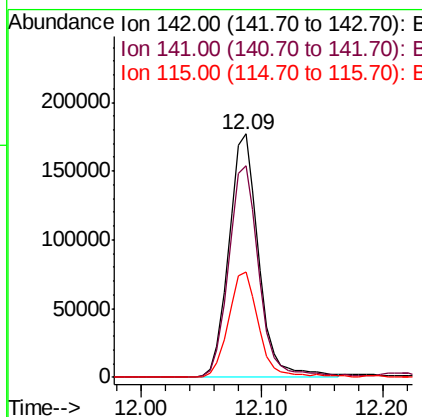
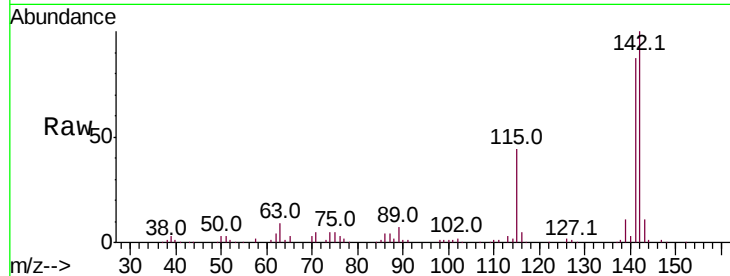
#37
2-Methylnaphthalene
Concen: 37.682 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.9	104.9
115	43.5	32.9	49.3

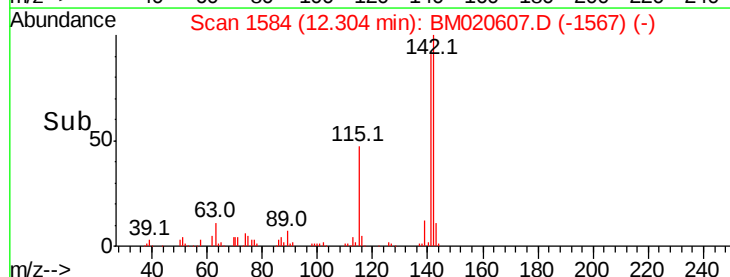
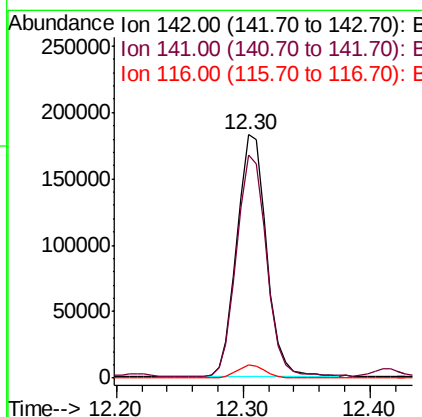
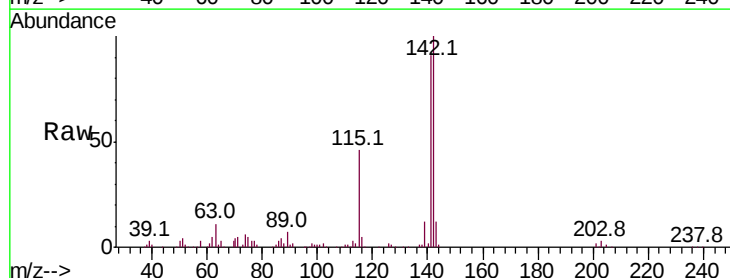
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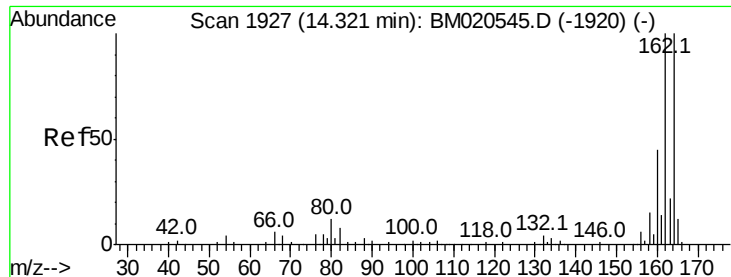
mohammad
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#38
1-Methylnaphthalene
Concen: 37.681 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	5.2	3.7	5.5





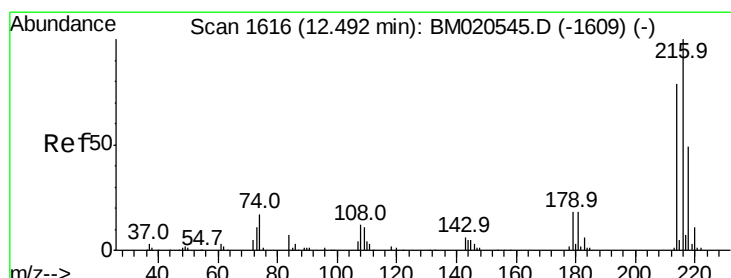
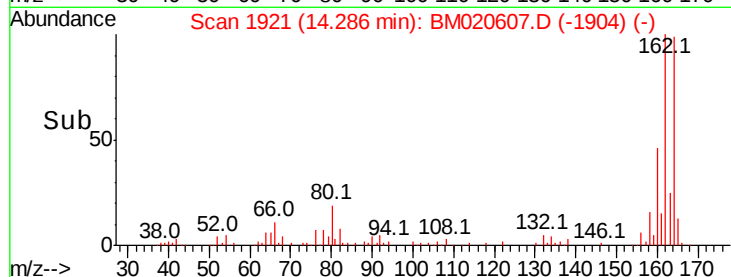
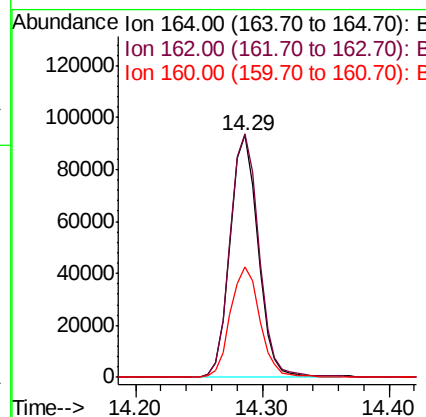
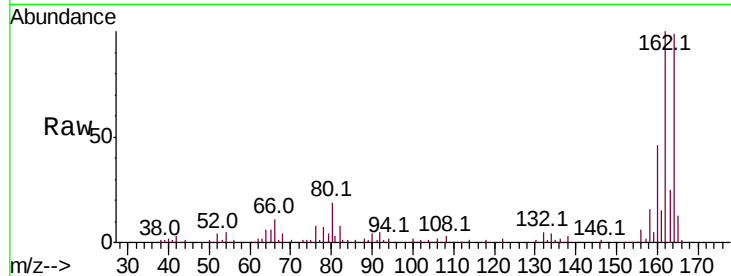
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.8
160	45.9	35.9	53.9

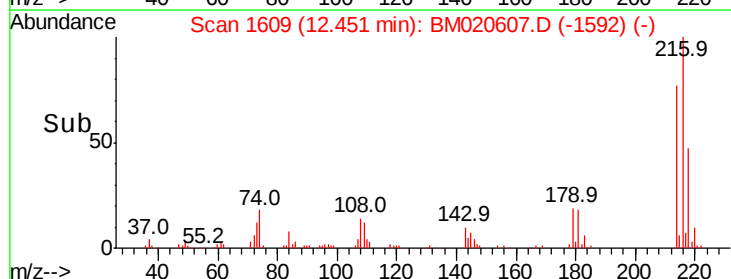
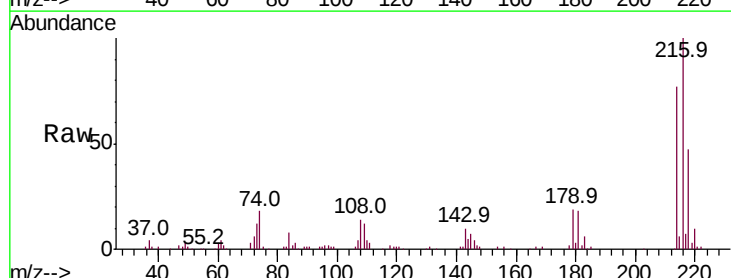
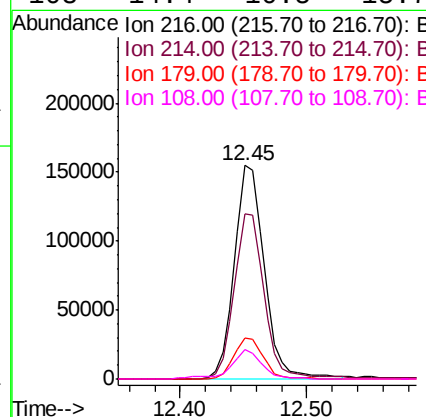
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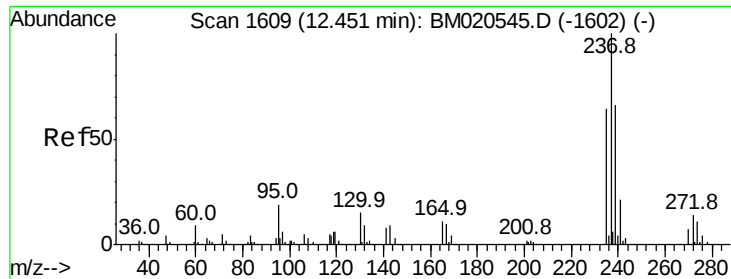
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.192 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.0	94.6
179	19.1	14.8	22.2
108	14.4	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 40.542 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

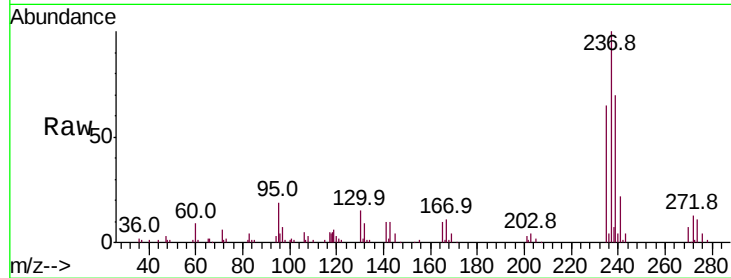
ClientSampleId :

COMP-5.8.19MS

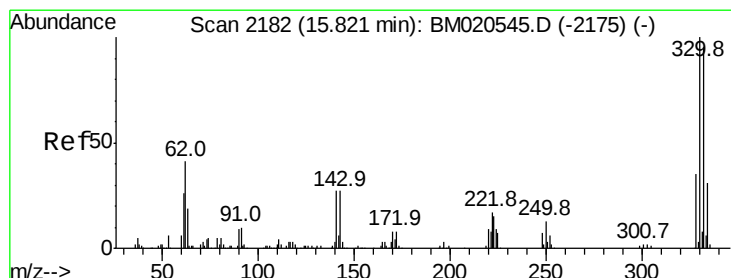
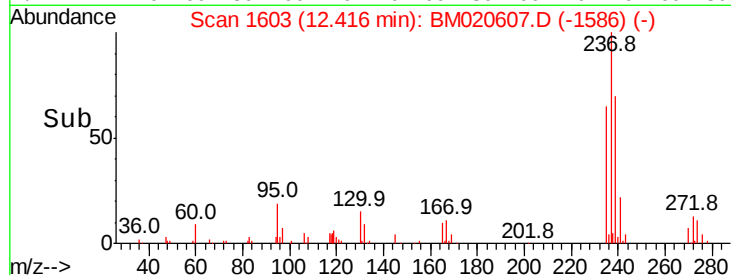
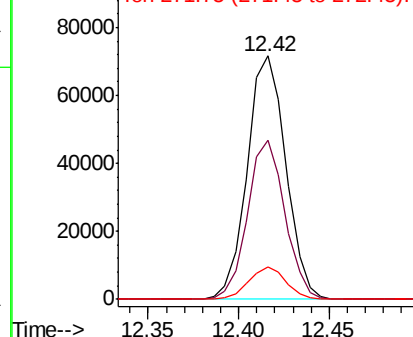
Tot Ion:	237	Resp:	105903
Ion Ratio	Lower	Upper	
237	100		
235	65.3	43.5	83.5
272	13.4	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 117.703 ng

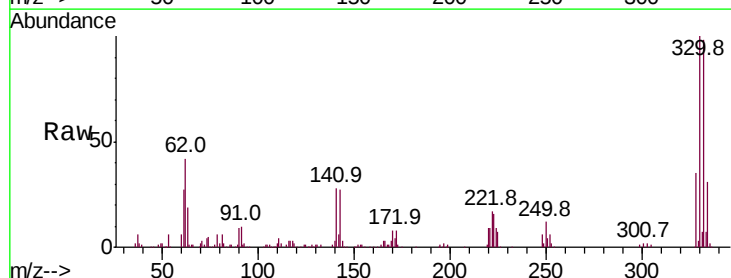
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

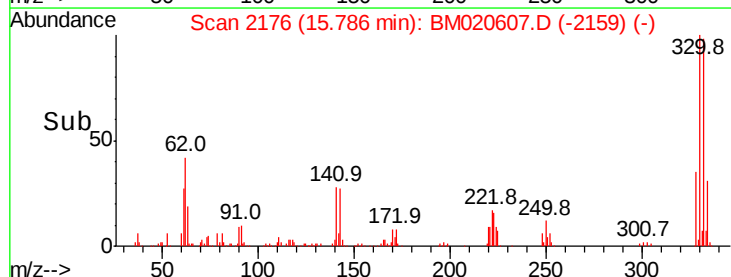
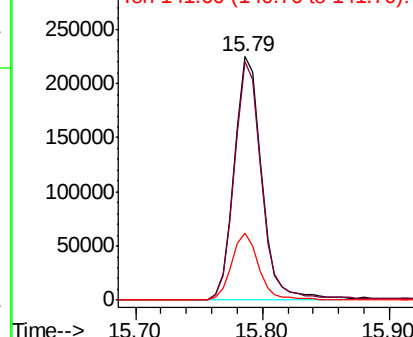
Lab File: BM020607.D

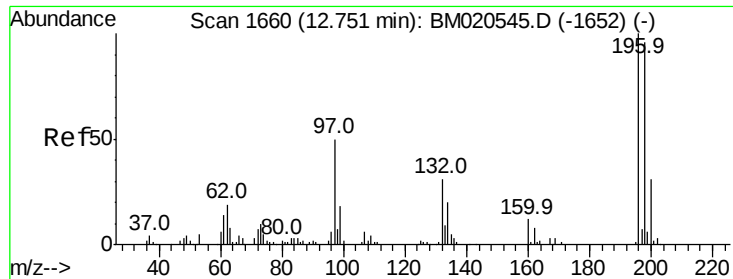
Acq: 29 May 2019 19:48

Tgt Ion:	330	Resp:	336987
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.5	116.3
141	27.3	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





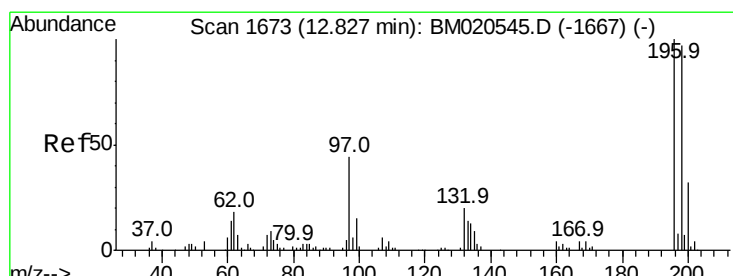
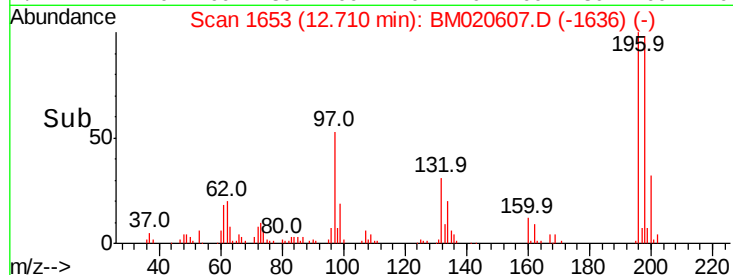
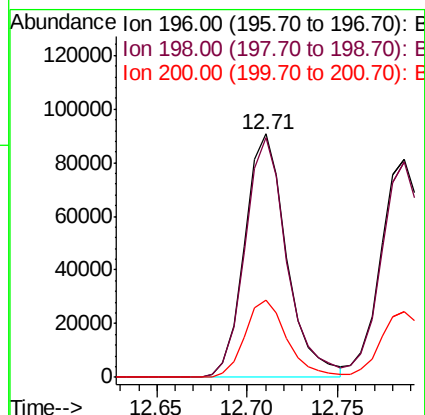
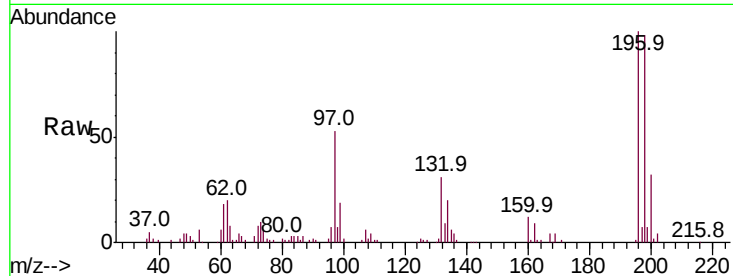
#43
 2,4,6-Trichlorophenol
 Concen: 39.468 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	146725		
198	98.3	76.4	114.6	
200	31.8	25.0	37.4	

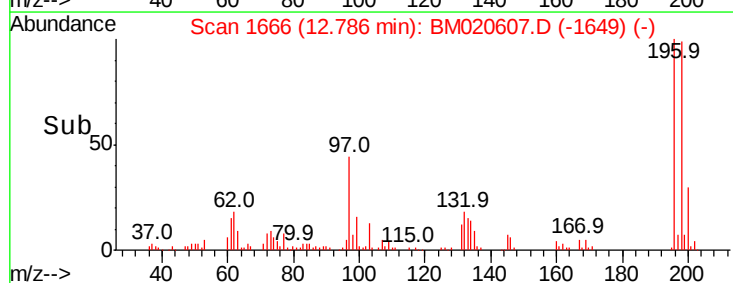
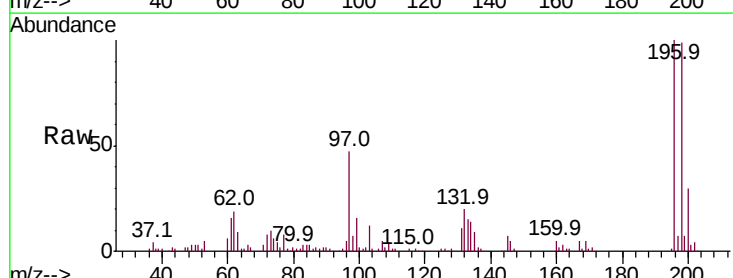
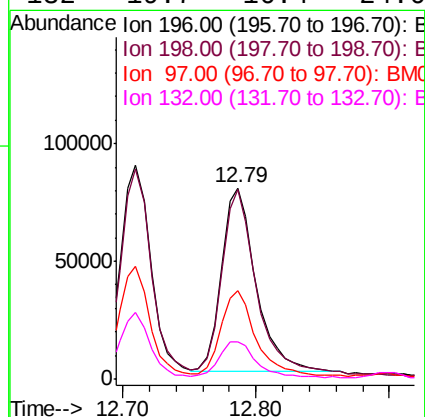
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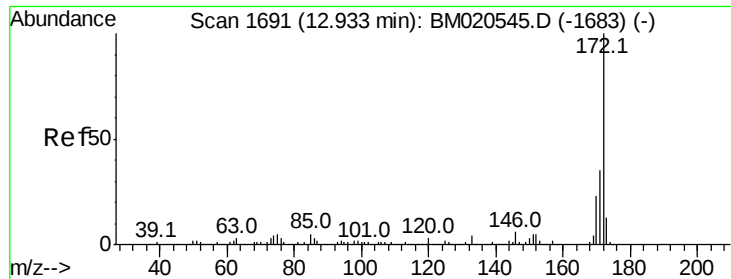
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#44
 2,4,5-Trichlorophenol
 Concen: 40.479 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140527		
198	99.0	77.6	116.4	
97	46.6	35.4	53.0	
132	19.7	16.4	24.6	





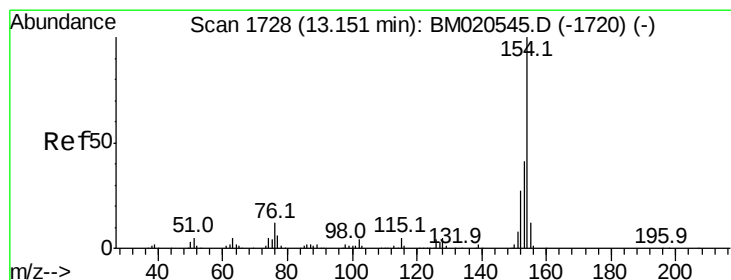
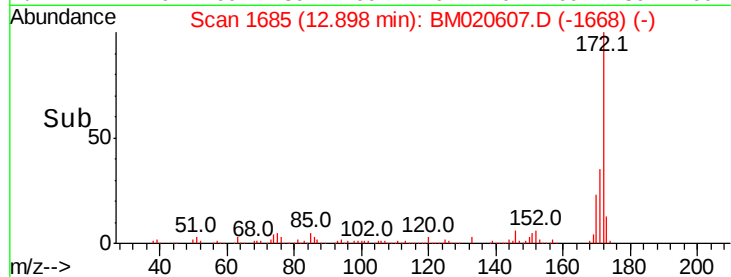
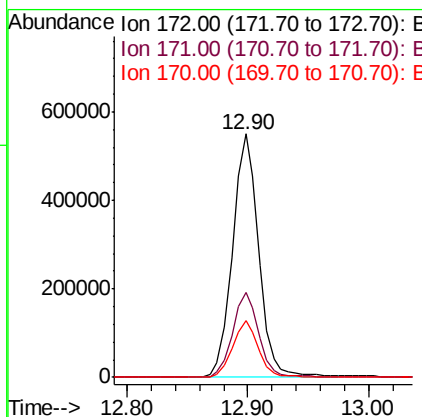
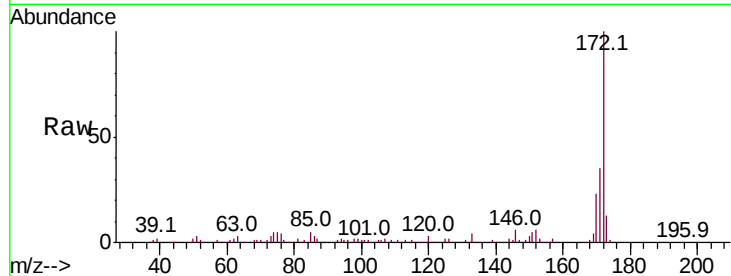
#45
2-Fluorobiphenyl
Concen: 72.899 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.3	18.2	27.4

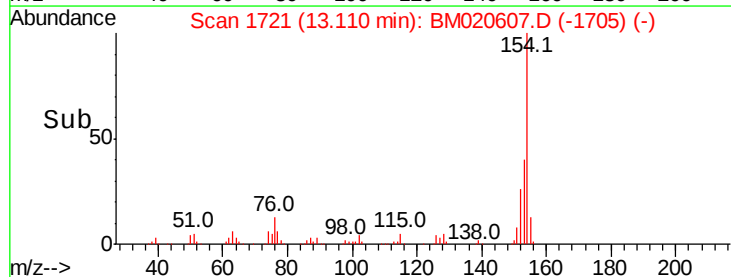
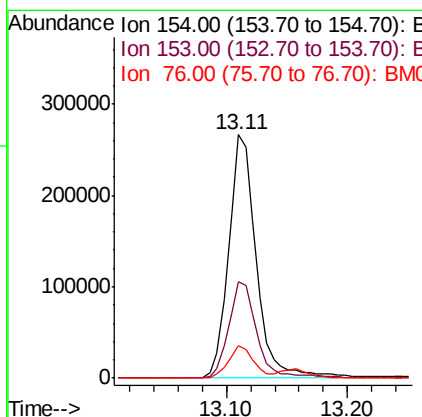
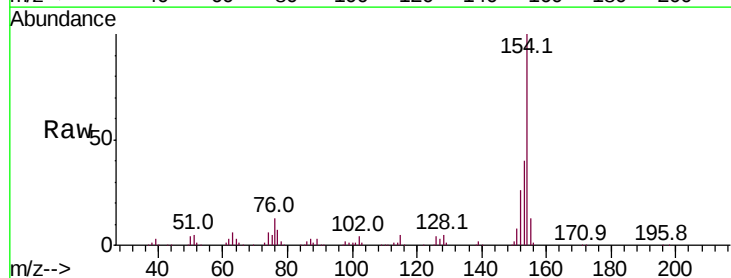
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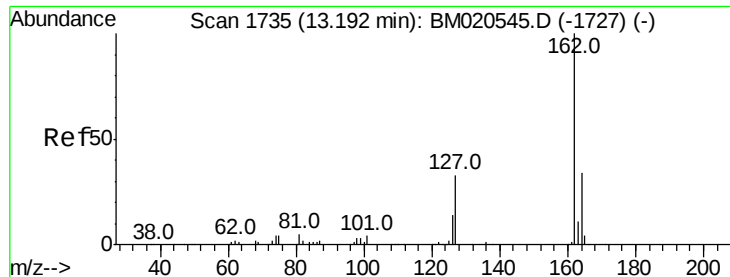
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#46
1,1'-Biphenyl
Concen: 38.413 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.6	60.6
76	13.2	0.0	32.2





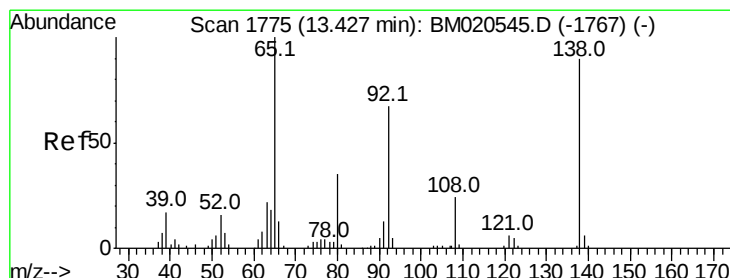
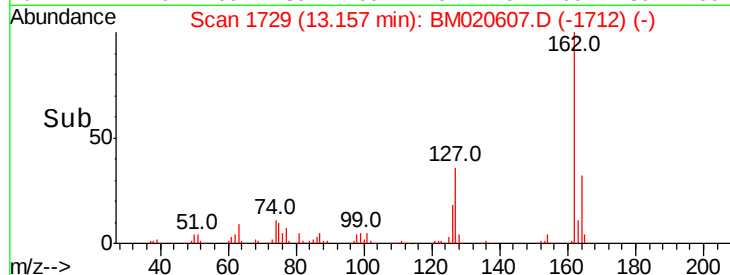
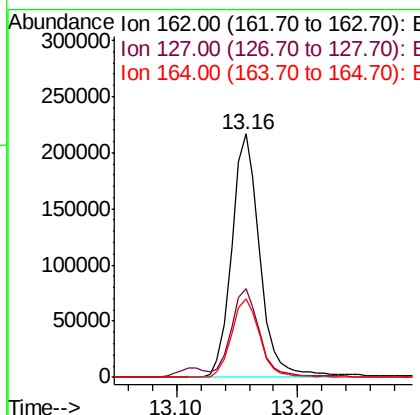
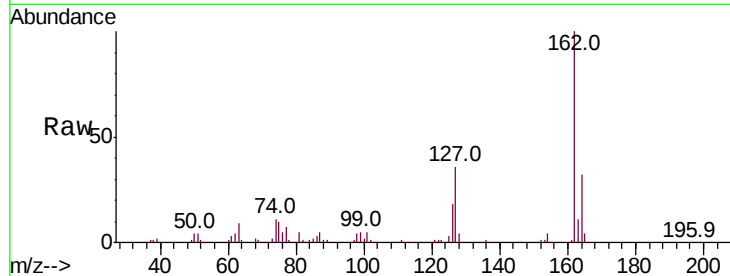
#47
 2-Chloronaphthalene
 Concen: 37.698 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	29.2	43.8
164	32.4	27.4	41.2

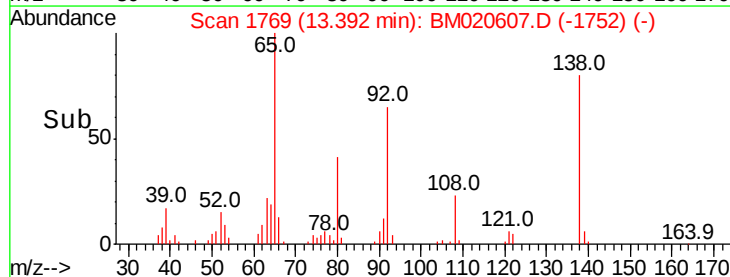
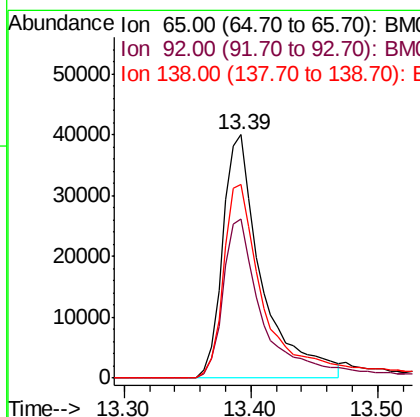
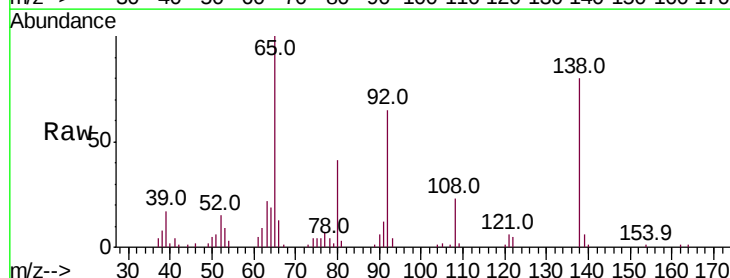
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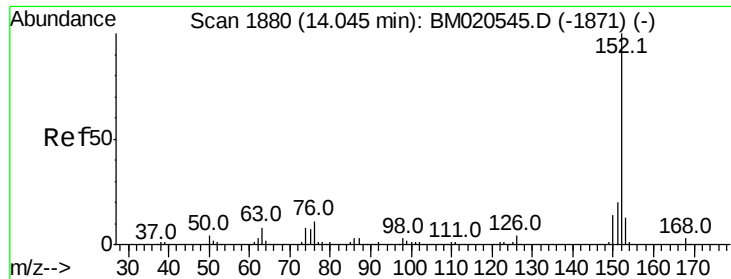
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#48
 2-Nitroaniline
 Concen: 31.289 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.6	80.4
138	79.8	72.0	108.0





#49

Acenaphthylene

Concen: 37.133 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

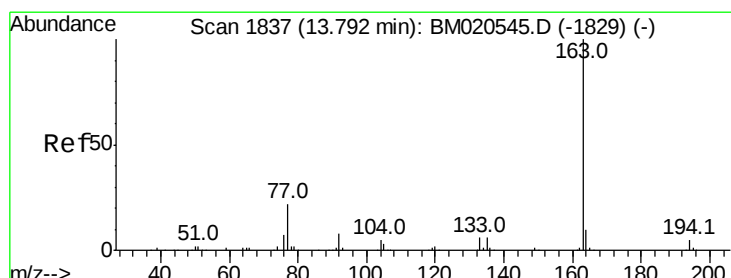
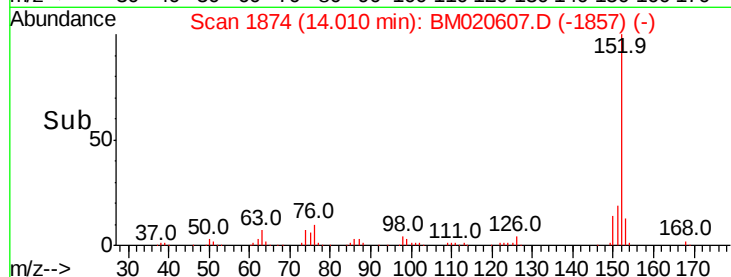
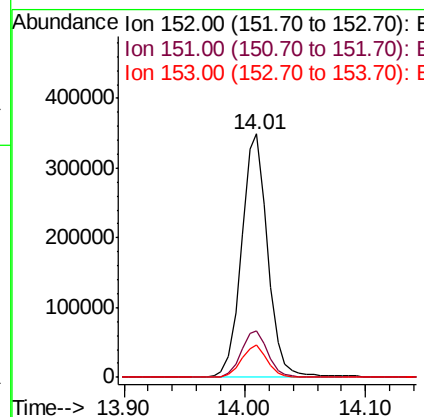
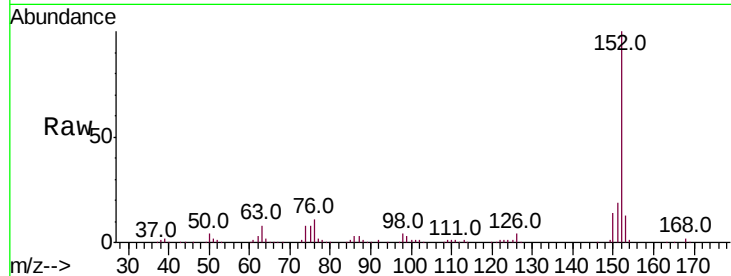
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	152	Resp:	526861
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.7	23.5
153	13.1	10.2	15.2

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#50

Dimethylphthalate

Concen: 42.212 ng

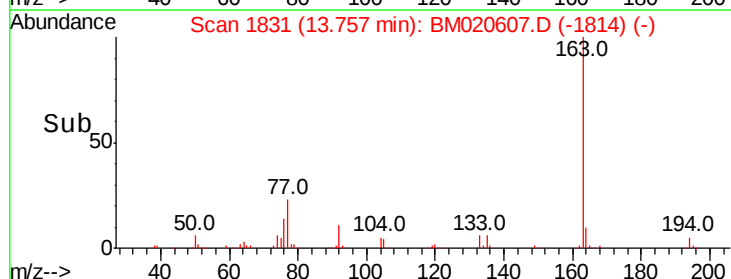
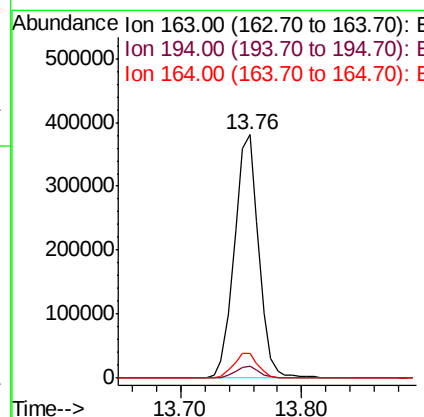
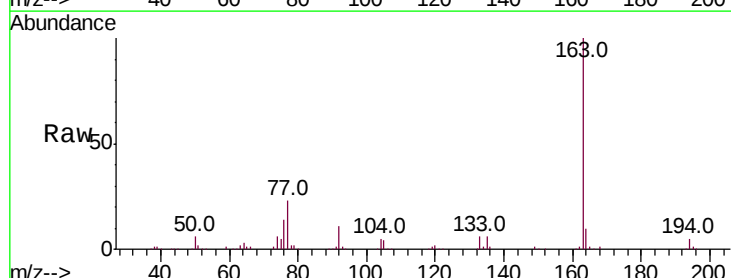
RT: 13.76 min Scan# 1831

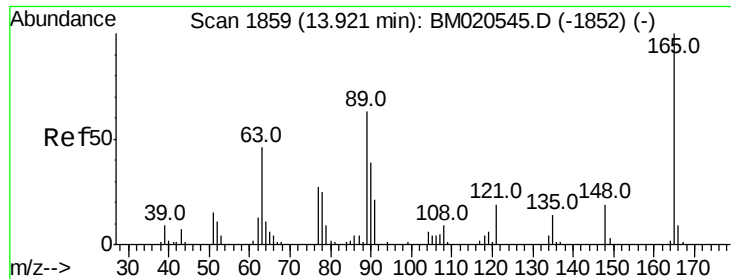
Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	163	Resp:	534310
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.9	5.9
164	10.2	8.0	12.0





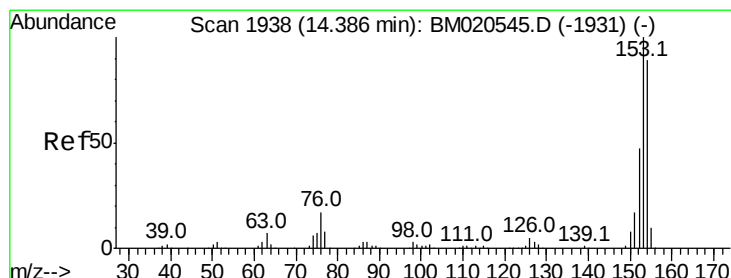
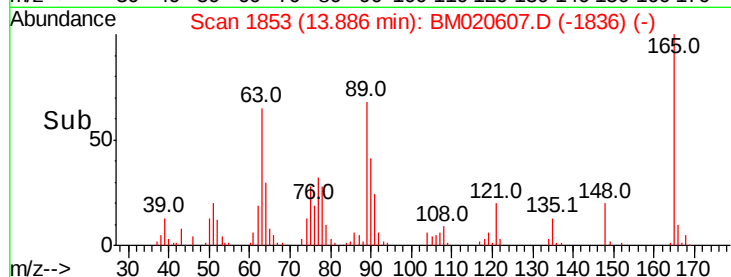
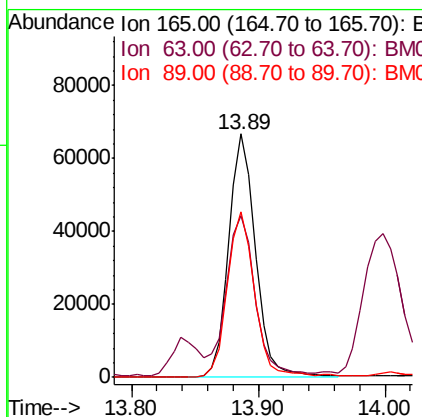
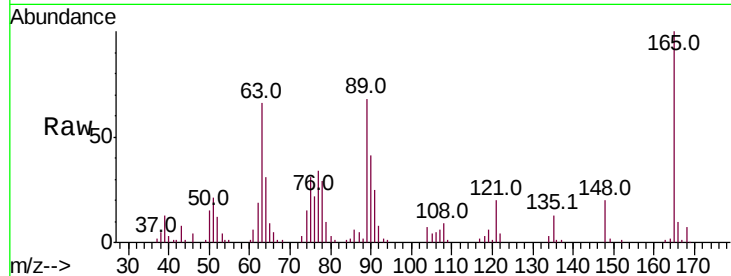
#51
 2,6-Dinitrotoluene
 Concen: 37.142 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion:	165	Resp:	97987
Ion Ratio	Lower	Upper	
165	100		
63	66.5	49.6	74.4
89	67.9	50.8	76.2

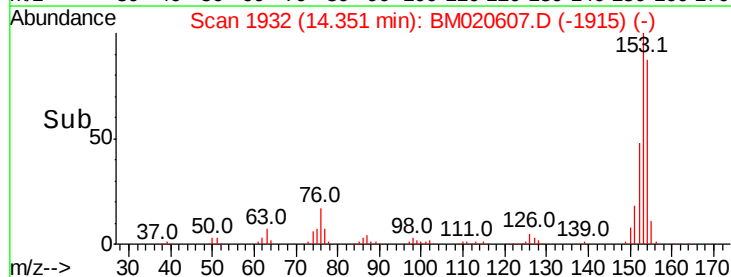
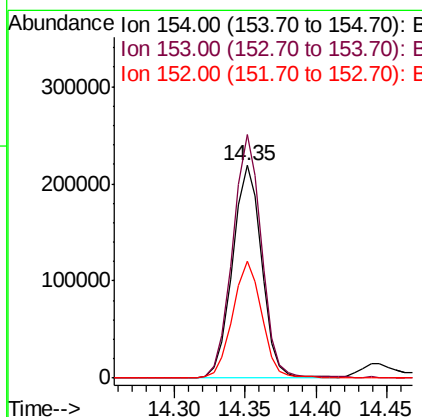
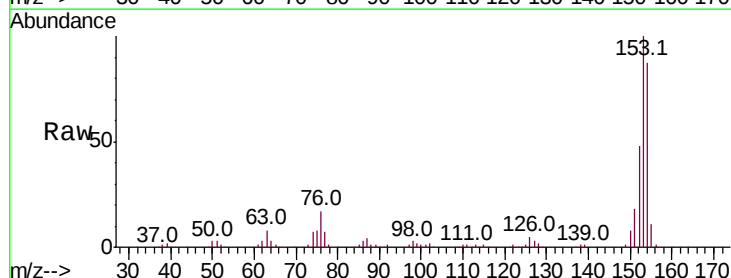
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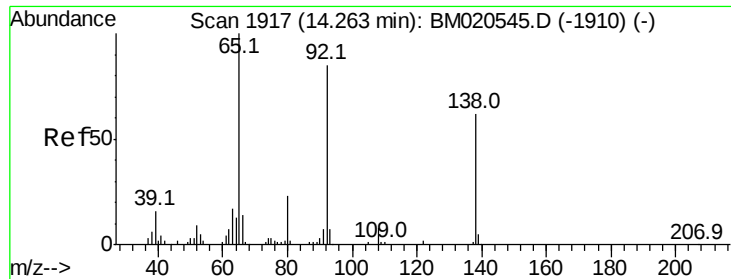
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#52
 Acenaphthene
 Concen: 37.047 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion:	154	Resp:	316762
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.2	135.4
152	55.2	42.0	63.0





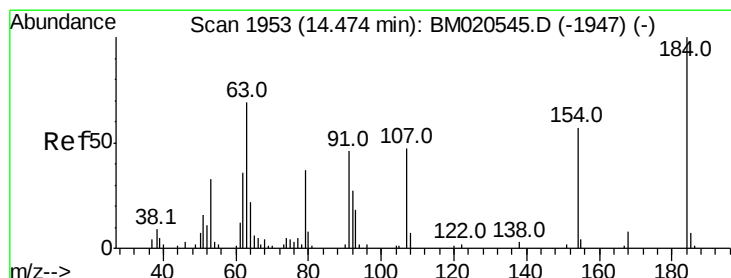
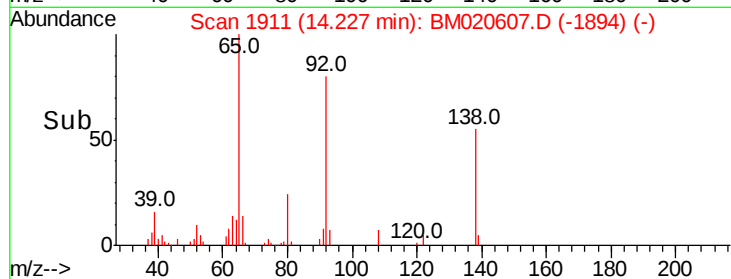
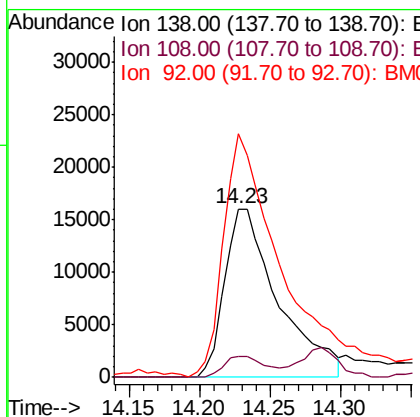
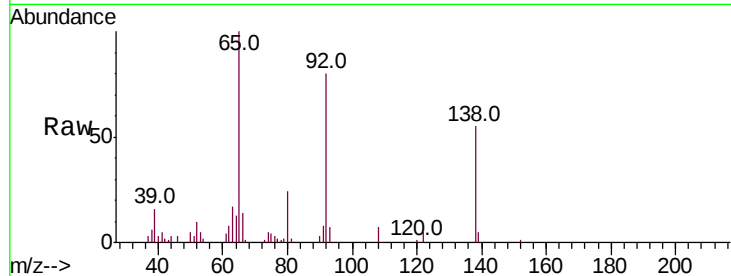
#53
3-Nitroaniline
Concen: 21.517 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:138 Resp: 42403
Ion Ratio Lower Upper
138 100
108 12.6 10.1 15.1
92 144.4 109.5 164.3

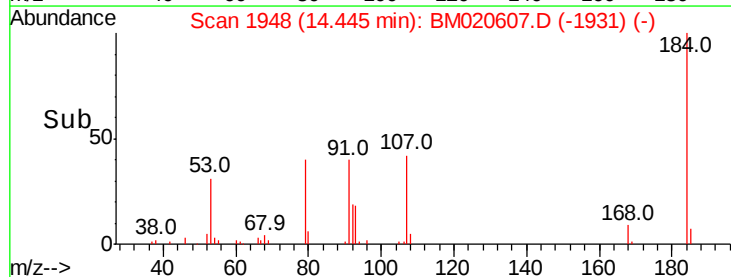
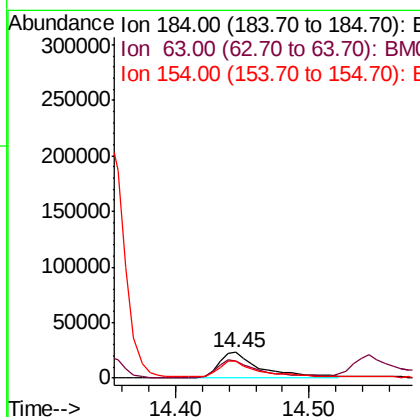
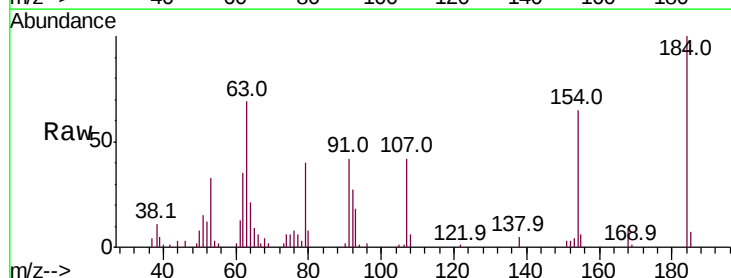
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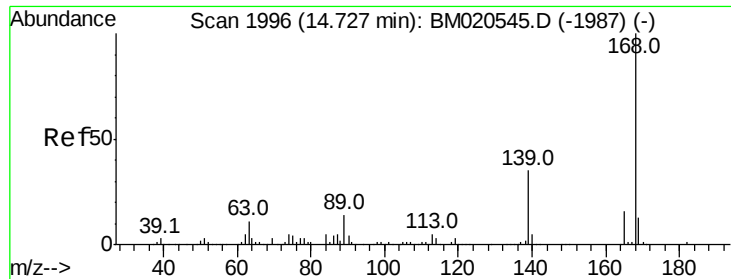
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#54
2,4-Dinitrophenol
Concen: 36.779 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion:184 Resp: 51447
Ion Ratio Lower Upper
184 100
63 69.0 56.3 84.5
154 65.4 49.0 73.6





#55

Dibenzofuran

Concen: 38.173 ng

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

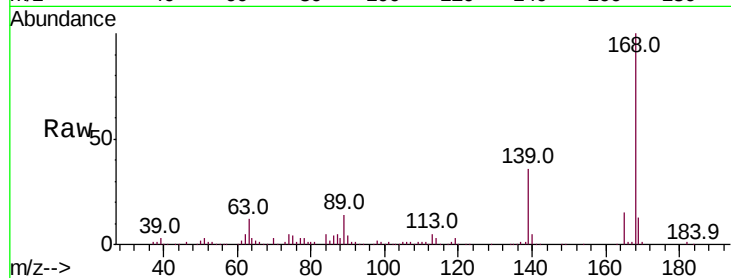
ClientSampleId :

COMP-5.8.19MS

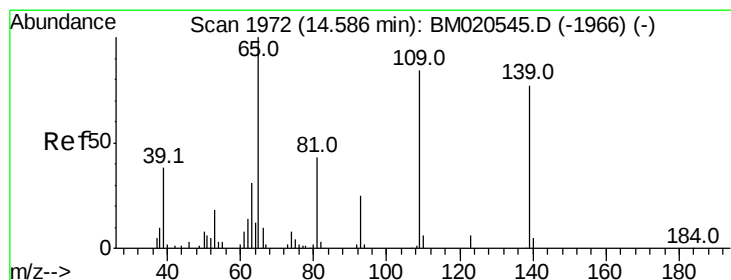
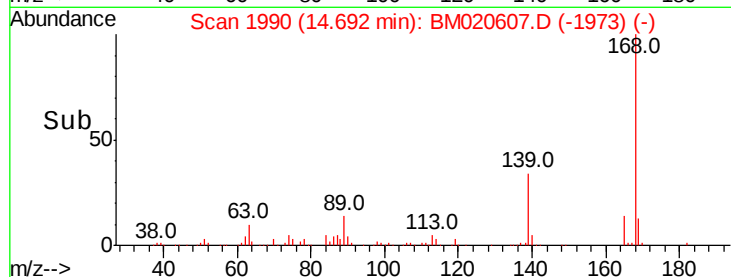
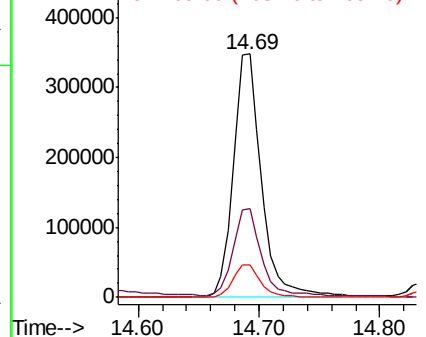
Tot Ion:	168	Resp:	564803
Ion Ratio	Lower	Upper	
168	100		
139	36.3	28.2	42.4
169	13.4	10.6	16.0

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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: 62.297 ng

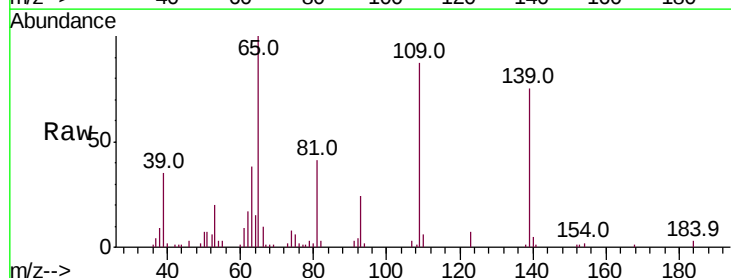
RT: 14.55 min Scan# 1965

Delta R.T. -0.01 min

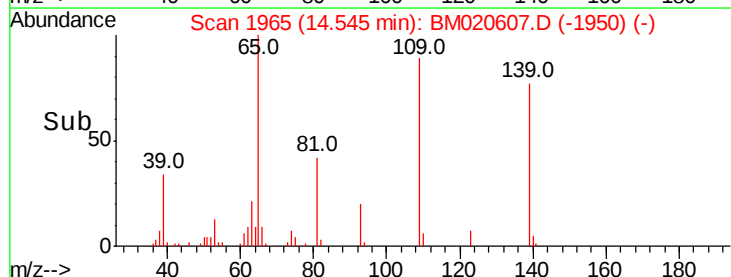
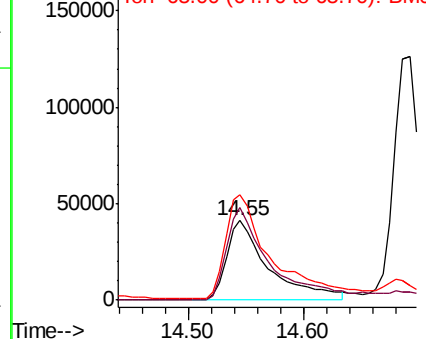
Lab File: BM020607.D

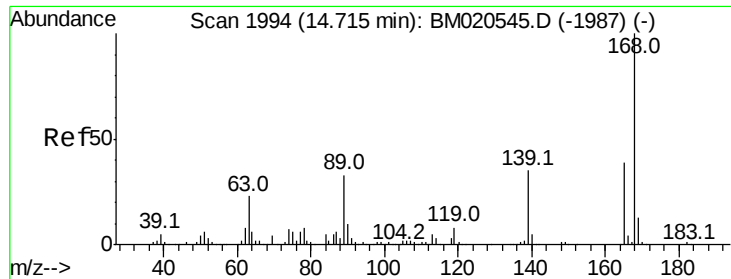
Acq: 29 May 2019 19:48

Tgt Ion:	139	Resp:	104928
Ion Ratio	Lower	Upper	
139	100		
109	115.9	89.4	129.4
65	133.4	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): BM0





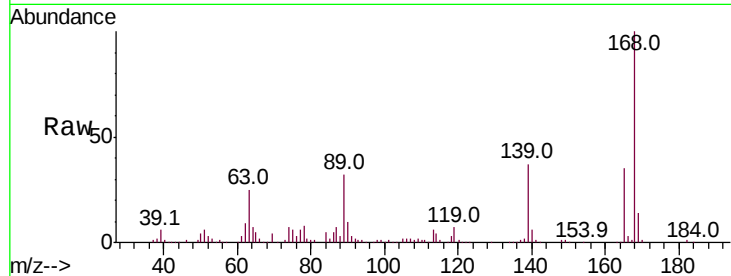
#57
 2,4-Dinitrotoluene
 Concen: 35.305 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

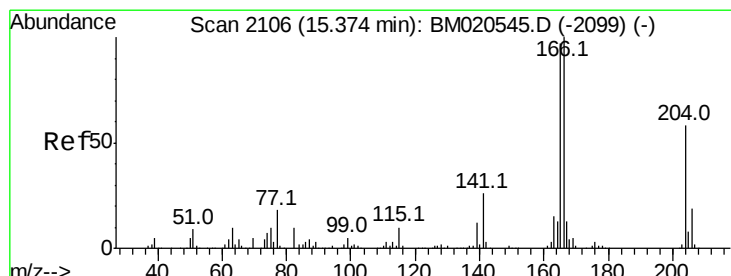
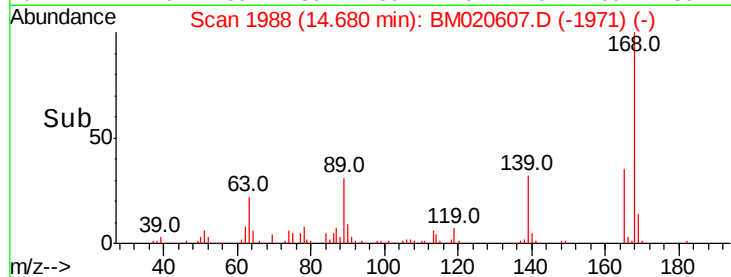
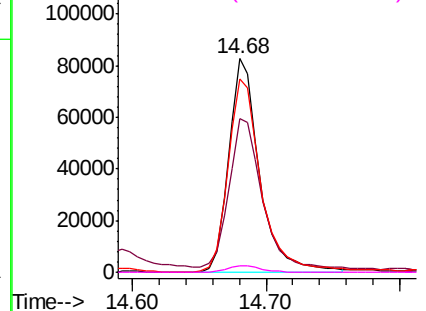
Tot Ion	Ratio	Resp	Lower	Upper
165	100	134502		
63	72.0	48.7	73.1	
89	90.2	68.8	103.2	
182	3.2	2.6	4.0	

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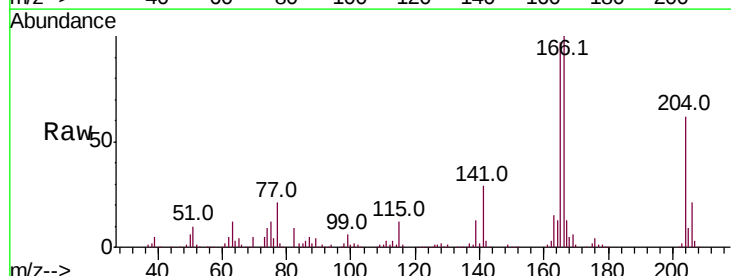


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

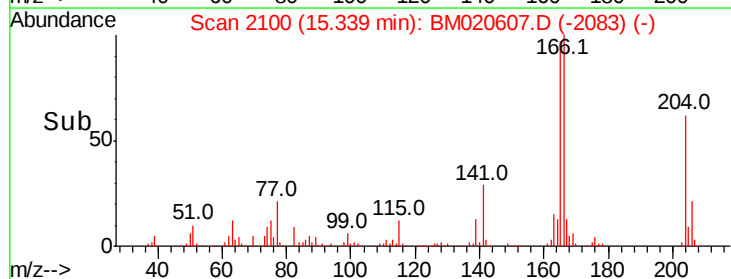
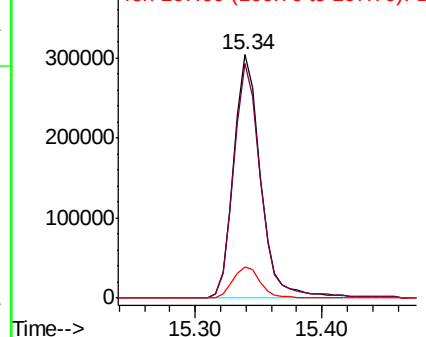


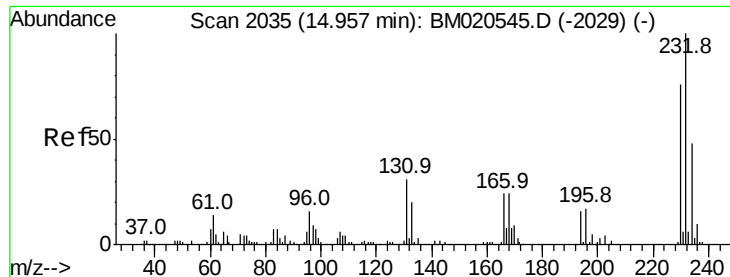
#58
 Fluorene
 Concen: 36.247 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	445502		
165	96.6	77.4	116.0	
167	12.8	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





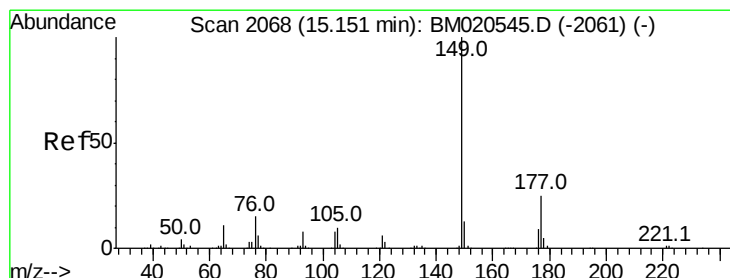
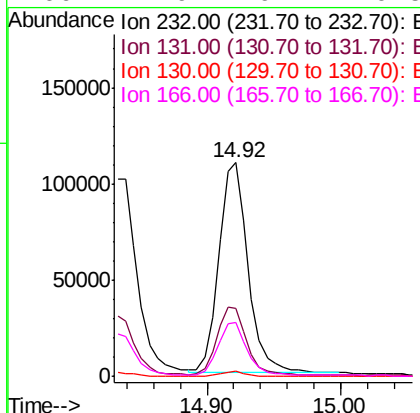
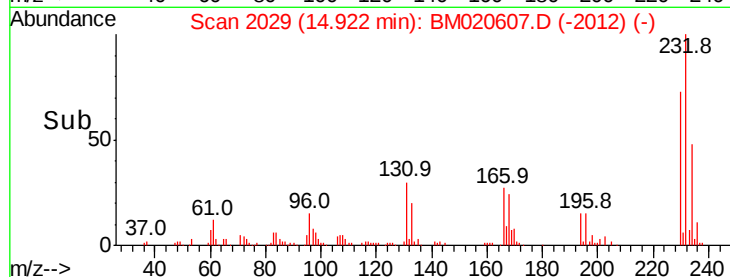
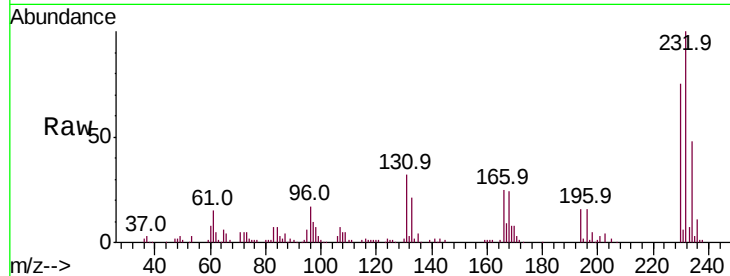
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.693 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	168420		
131	33.0	25.4	38.0	
130	1.9	1.5	2.3	
166	24.9	19.7	29.5	

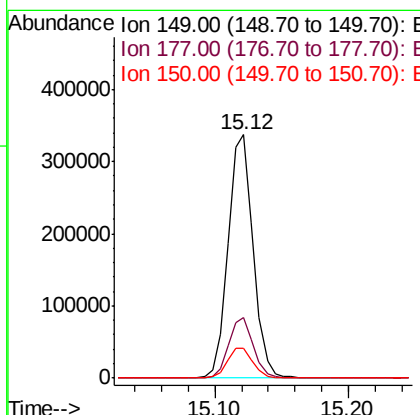
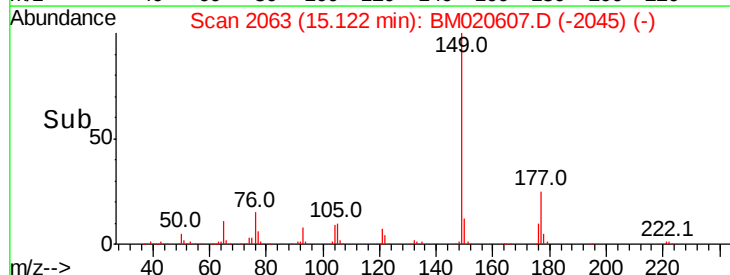
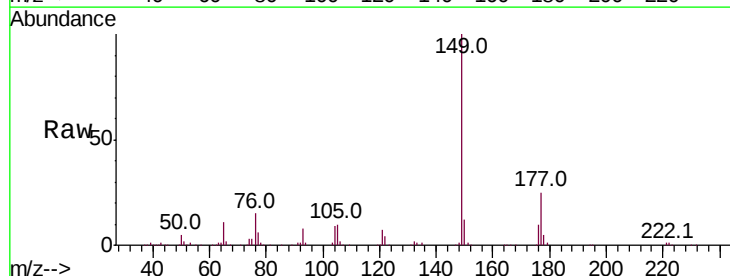
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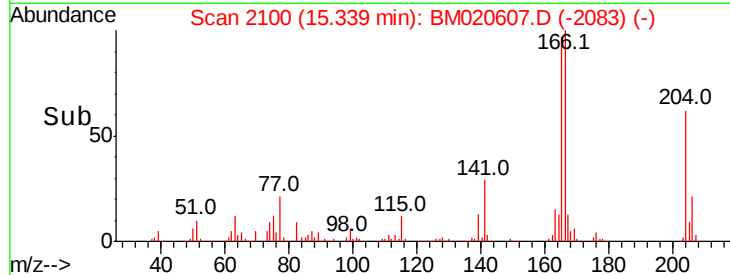
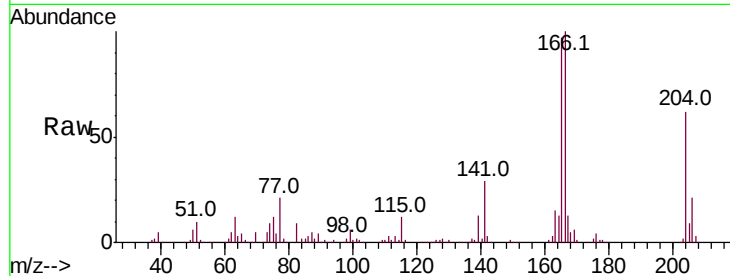
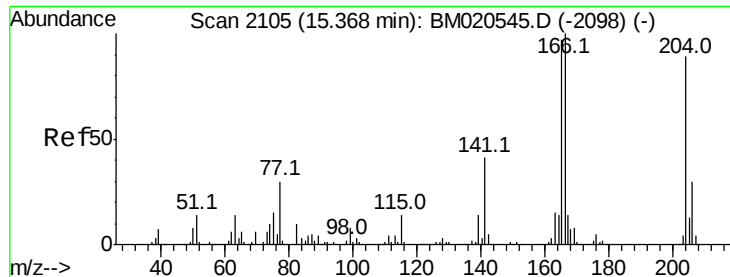
mohammad
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#60
 Diethylphthalate
 Concen: 35.628 ng
 RT: 15.12 min Scan# 2063
 Delta R.T. 0.01 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	444318		
177	24.9	19.8	29.8	
150	12.5	10.2	15.2	





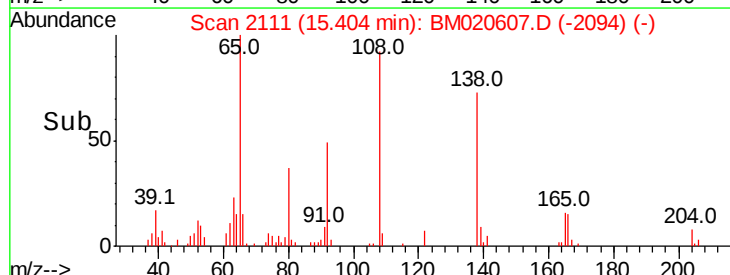
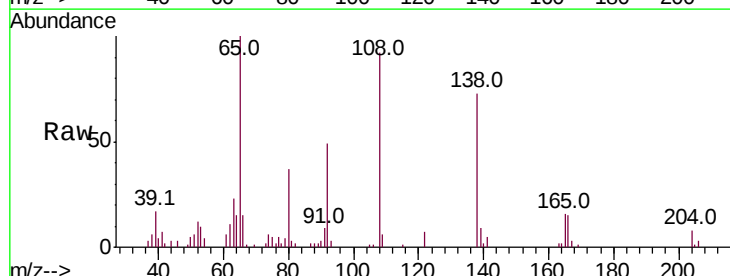
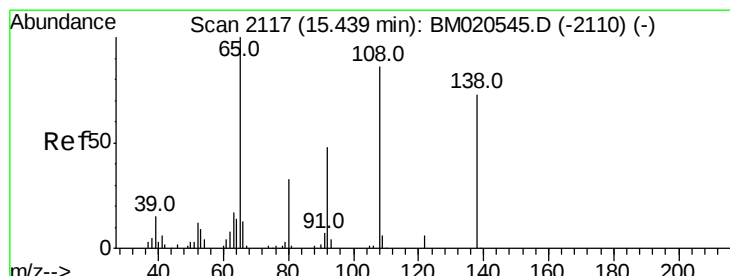
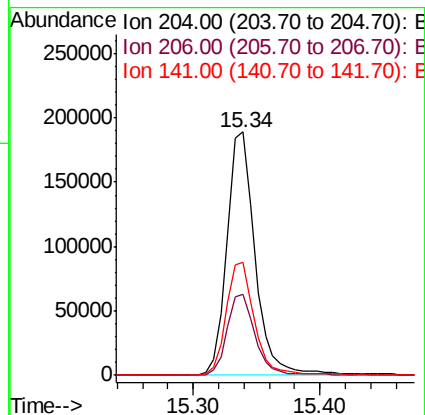
#61
4-Chlorophenyl-phenylether
Concen: 36.987 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:	204	Resp:	290220
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.6	40.0
141	46.5	36.9	55.3

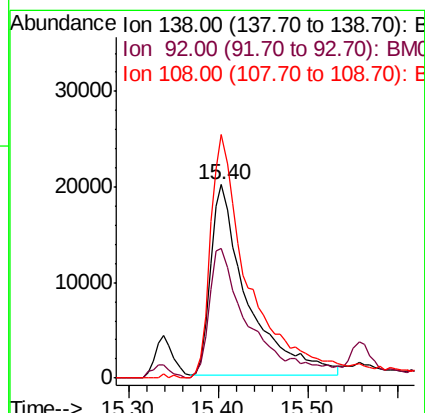
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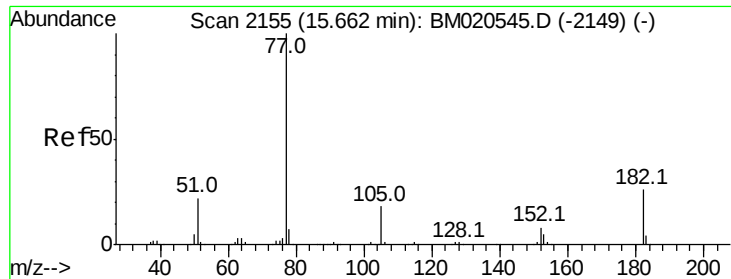
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#62
4-Nitroaniline
Concen: 25.334 ng m
RT: 15.40 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion:	138	Resp:	56180
Ion Ratio	Lower	Upper	
138	100		
92	67.1	44.5	84.5
108	125.8	95.9	135.9





#63

Azobenzene

Concen: 37.364 ng

RT: 15.63 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

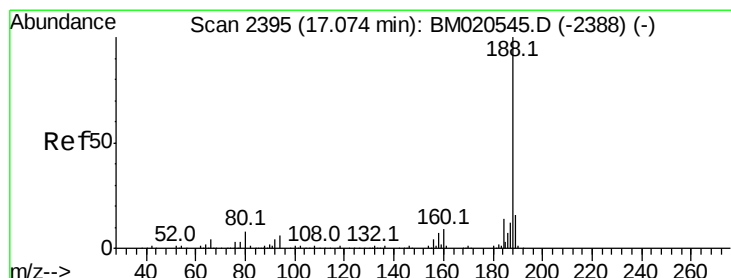
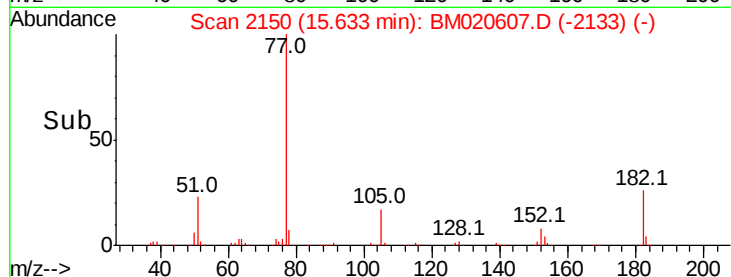
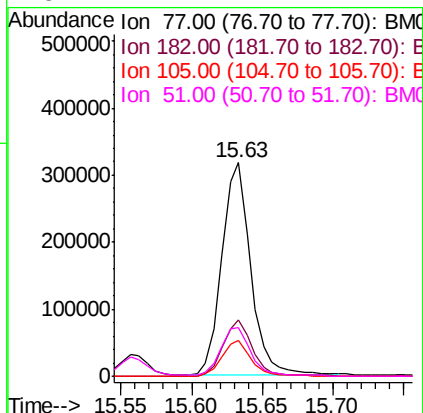
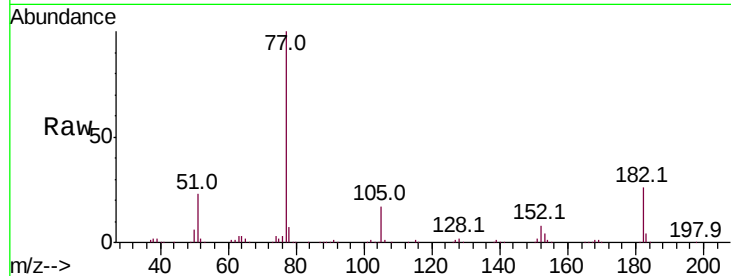
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	77	Resp:	453422
Ion Ratio	Lower	Upper	
77	100		
182	26.1	5.7	45.7
105	16.7	0.0	37.6
51	22.7	1.7	41.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

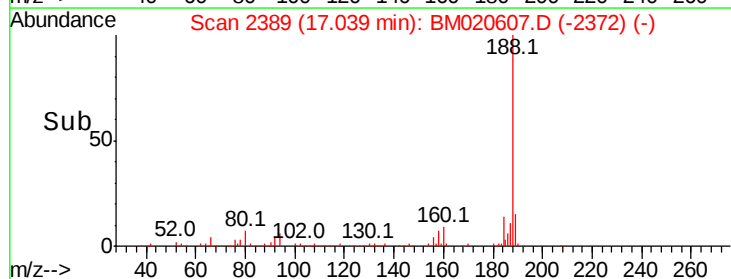
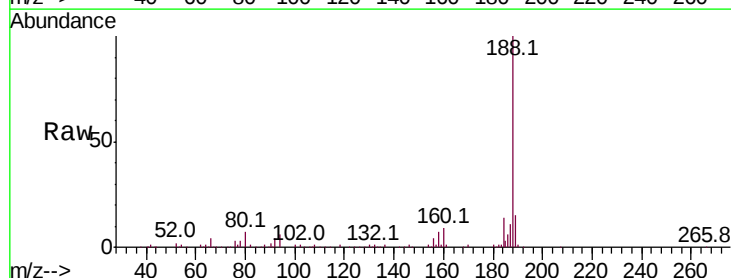
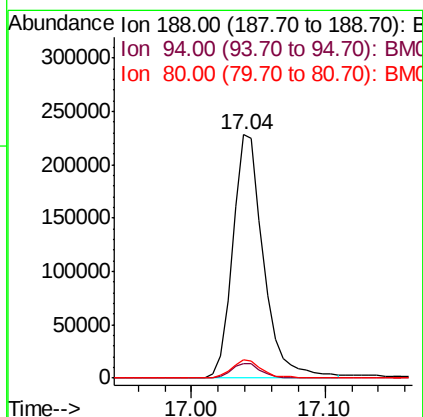
RT: 17.04 min Scan# 2389

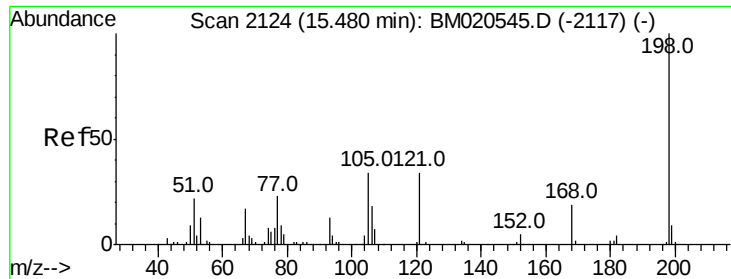
Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Tgt Ion:	188	Resp:	365329
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.0	7.4
80	7.5	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 29.633 ng

RT: 15.45 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

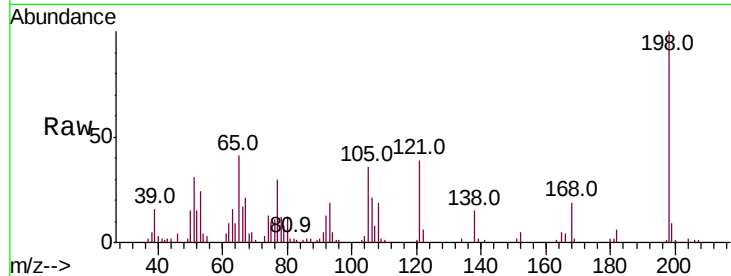
ClientSampleId :

COMP-5.8.19MS

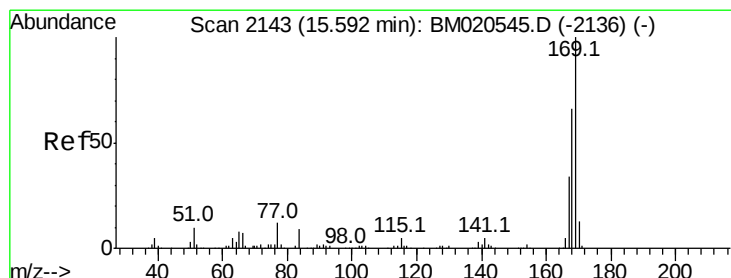
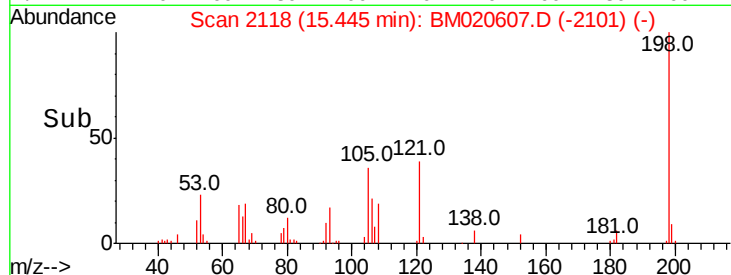
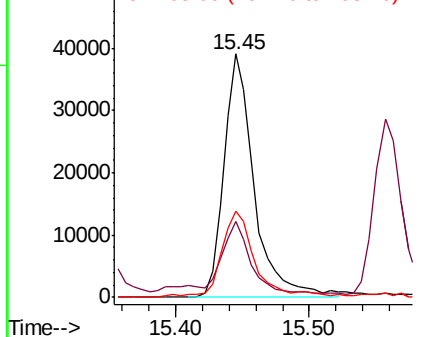
Tot Ion:	198	Resp:	62117
Ion Ratio	Lower	Upper	
198	100		
51	31.0	6.4	46.4
105	35.6	15.1	55.1

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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: 39.229 ng

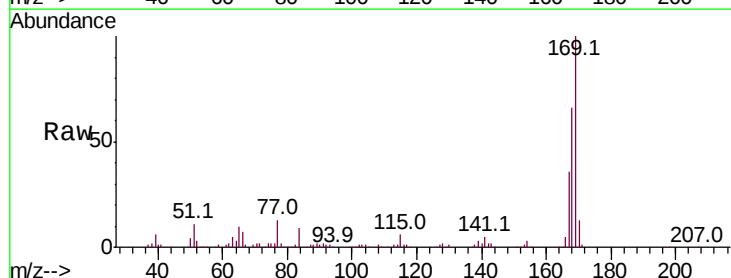
RT: 15.56 min Scan# 2137

Delta R.T. -0.00 min

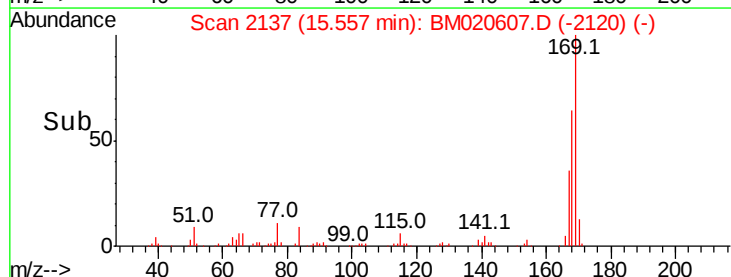
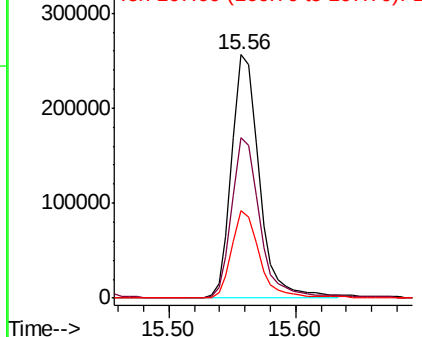
Lab File: BM020607.D

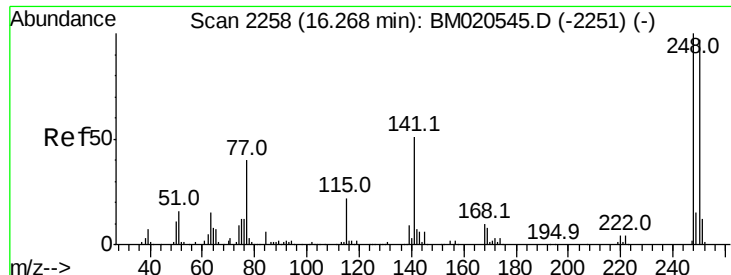
Acq: 29 May 2019 19:48

Tgt Ion:	169	Resp:	388589
Ion Ratio	Lower	Upper	
169	100		
168	66.0	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





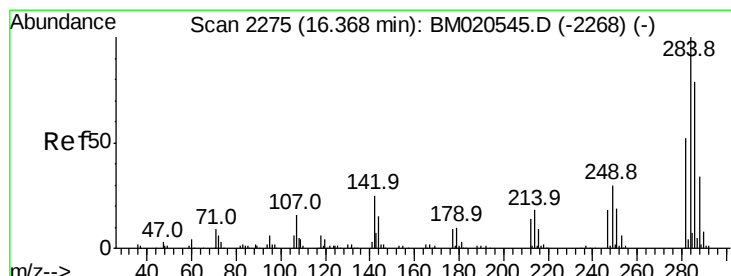
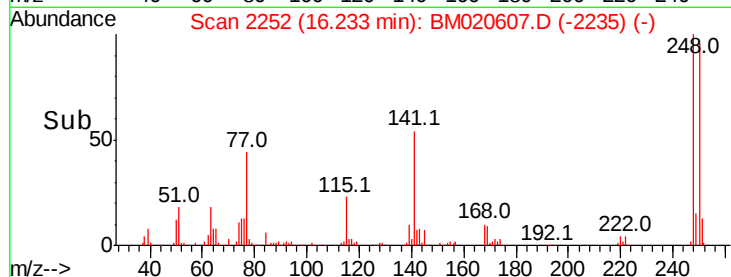
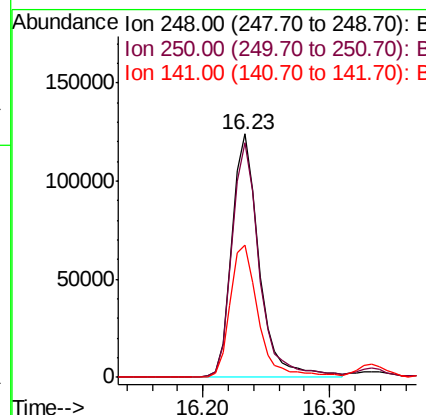
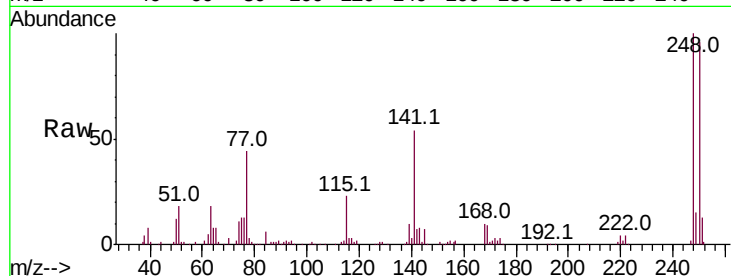
#67
 4-Bromophenyl-phenylether
 Concen: 37.934 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.8	116.6
141	54.2	41.0	61.6

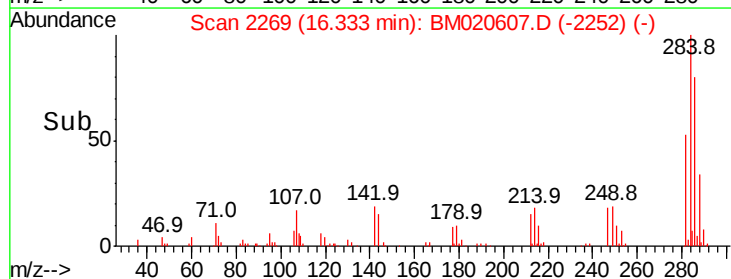
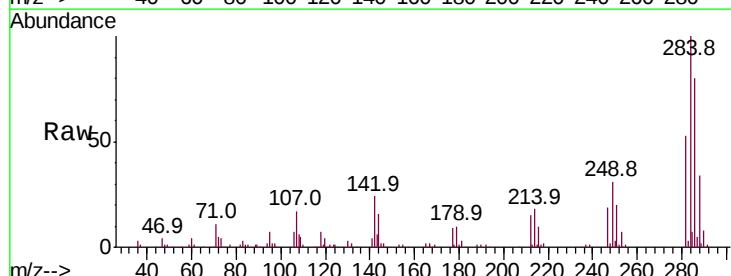
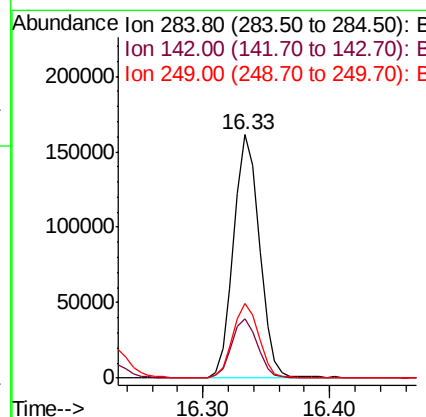
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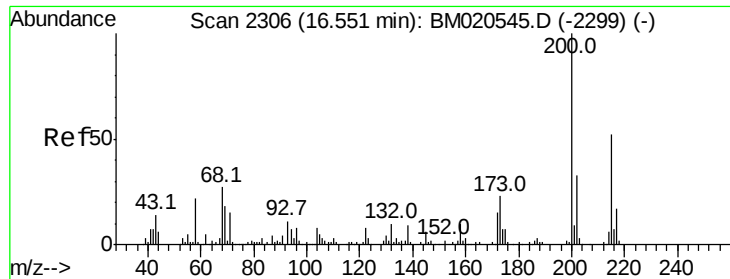
mohammad
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#68
 Hexachlorobenzene
 Concen: 38.709 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	20.2	30.2
249	30.6	23.9	35.9





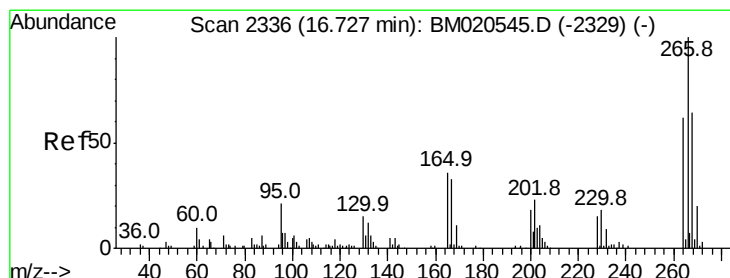
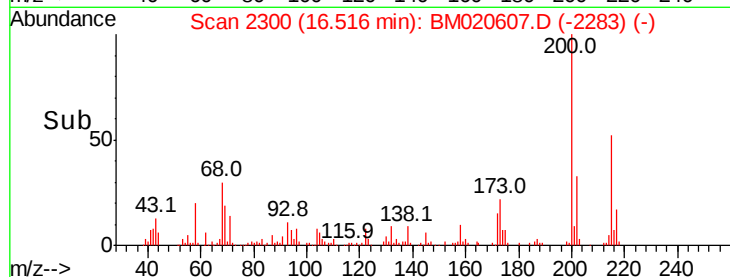
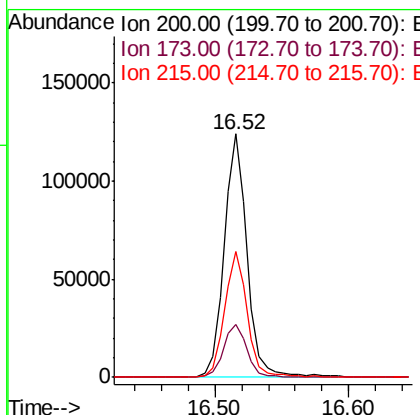
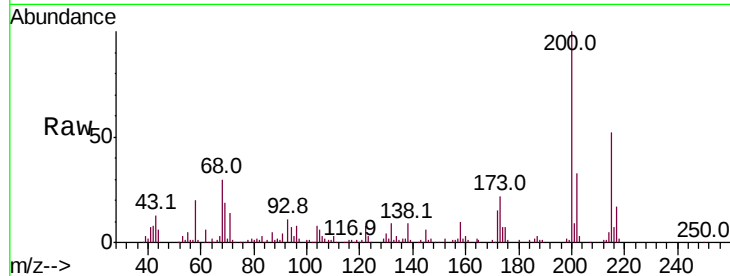
#69
 Atrazine
 Concen: 36.729 ng
 RT: 16.52 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.9	3.2	43.2
215	51.9	31.7	71.7

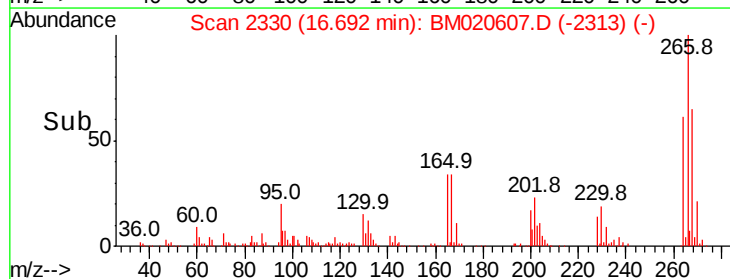
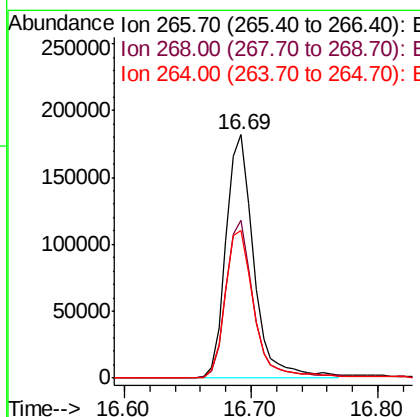
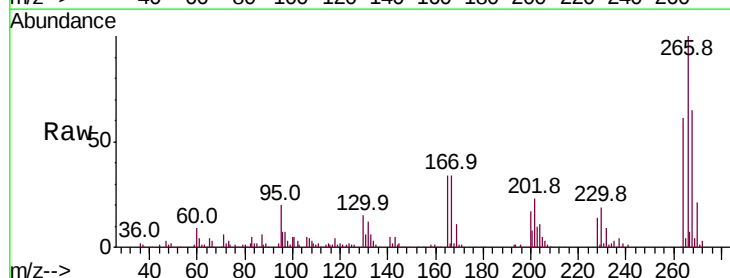
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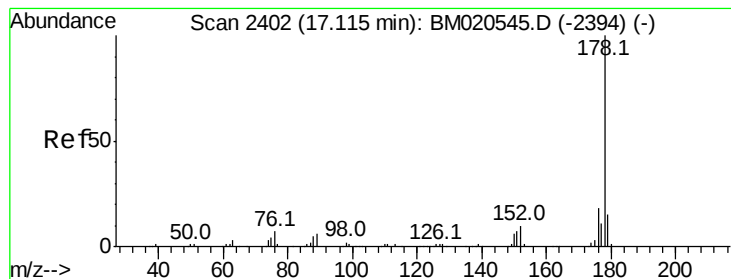
mohammad
 5/30/2019 8:16:35 AM



#70
 Pentachlorophenol
 Concen: 91.017 ng
 RT: 16.69 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.0	76.4
264	60.6	49.8	74.8





#71

Phenanthrene

Concen: 37.260 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

Tot Ion:178 Resp: 739493

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

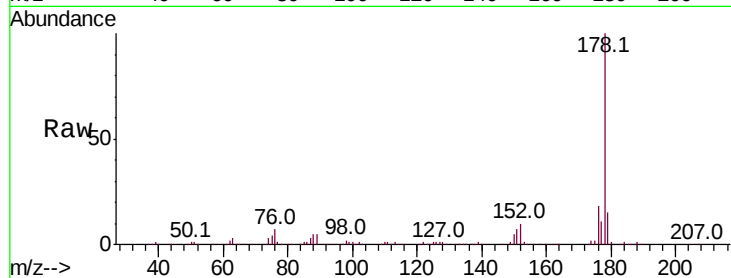
179 15.4 12.2 18.2

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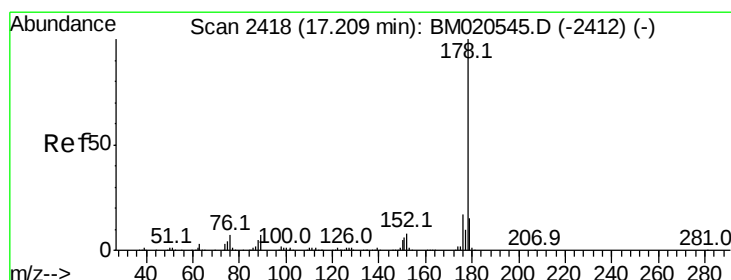
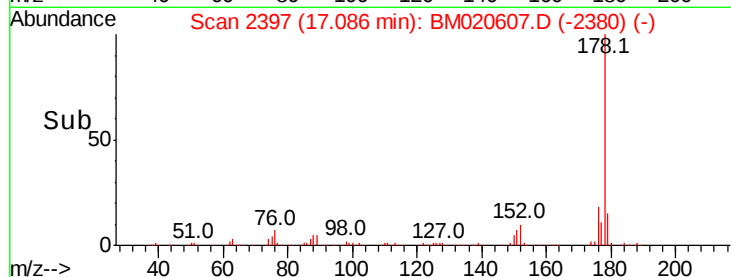
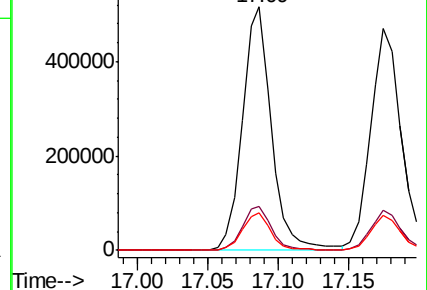
5/30/2019 8:16:35 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.035 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

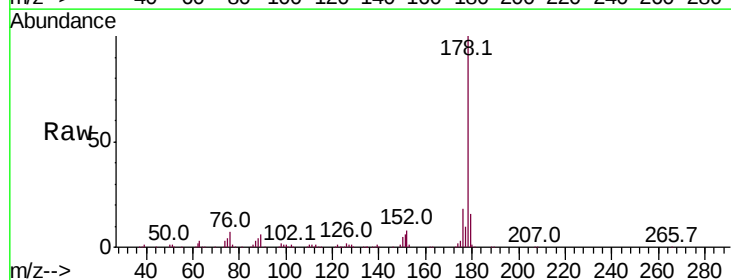
Tgt Ion:178 Resp: 693557

Ion Ratio Lower Upper

178 100

176 17.9 14.0 21.0

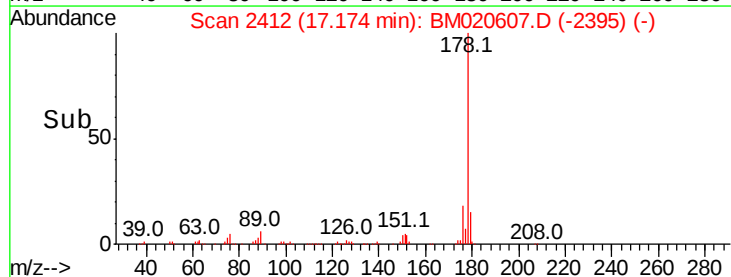
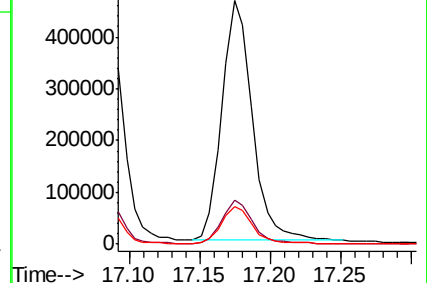
179 15.6 12.4 18.6

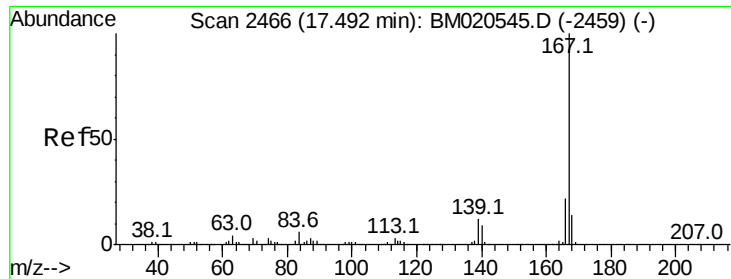


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





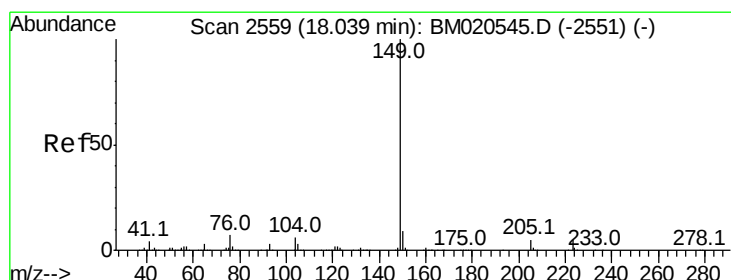
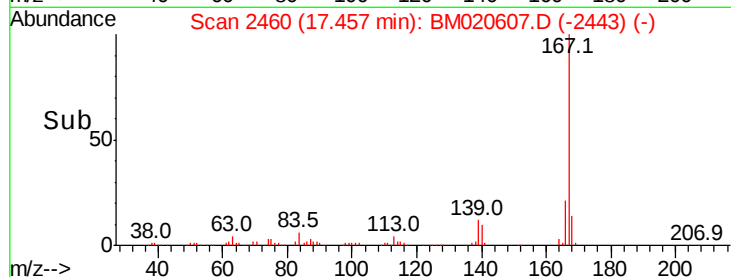
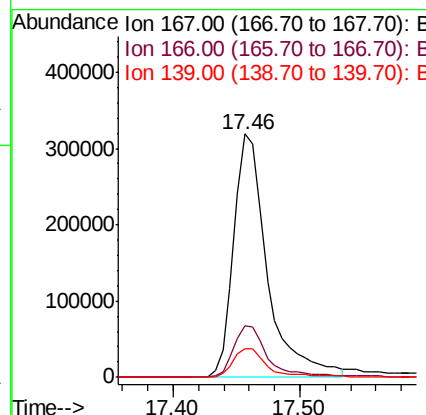
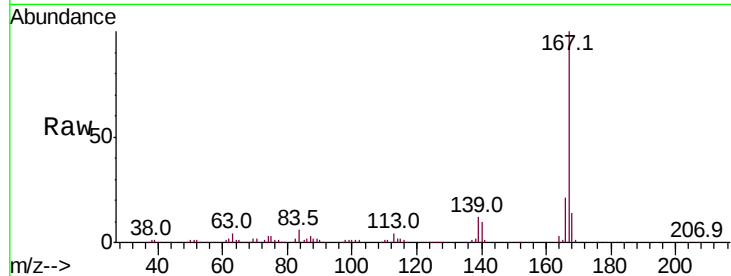
#73
 Carbazole
 Concen: 35.618 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.0	9.3	13.9

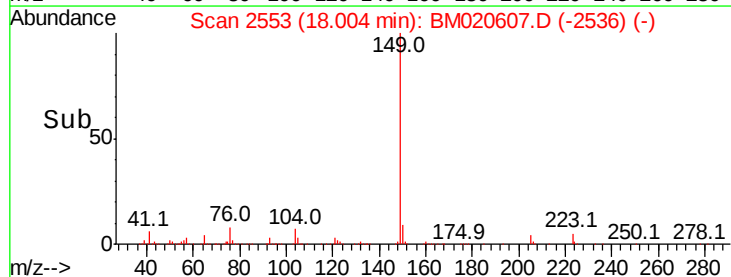
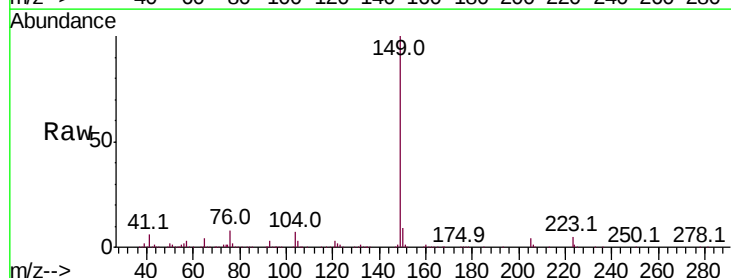
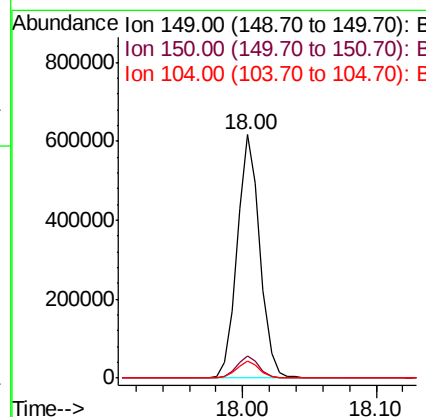
Manual Integrations
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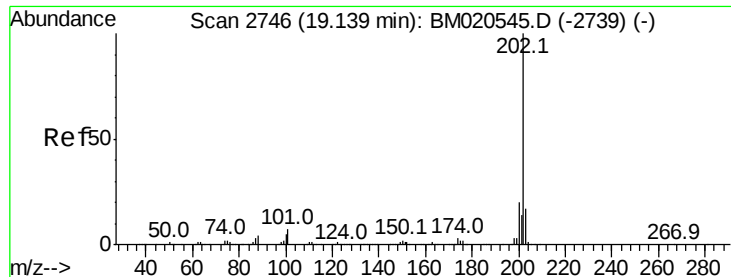
mohammad
 5/30/2019 8:16:35 AM



#74
 Di-n-butylphthalate
 Concen: 35.960 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 37.350 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

Tot Ion:202 Resp: 1030805

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.7

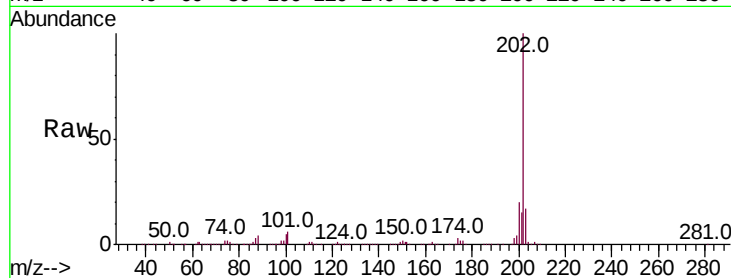
203 17.3 0.0 37.4

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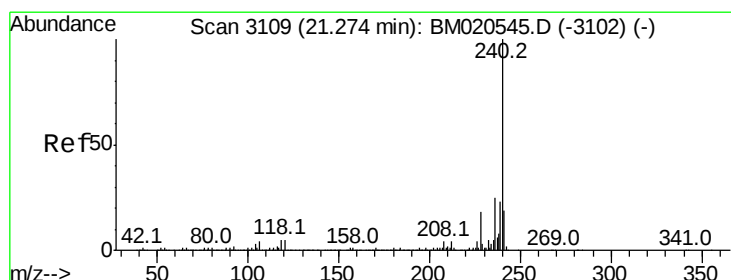
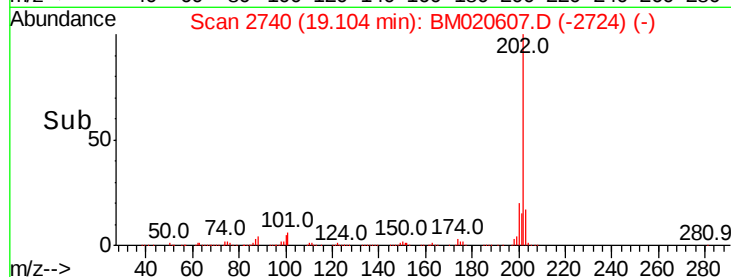
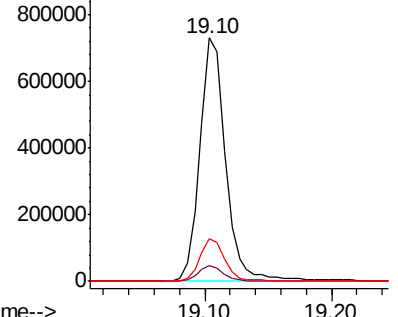
5/30/2019 8:16:35 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

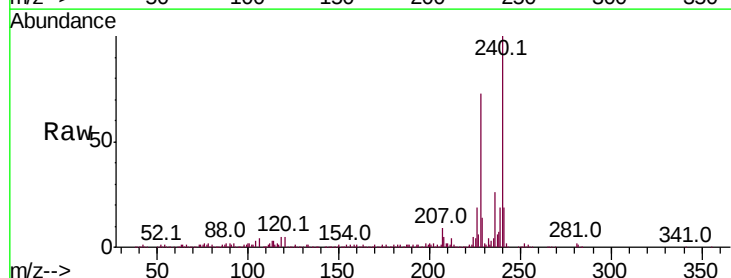
Tgt Ion:240 Resp: 449559

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

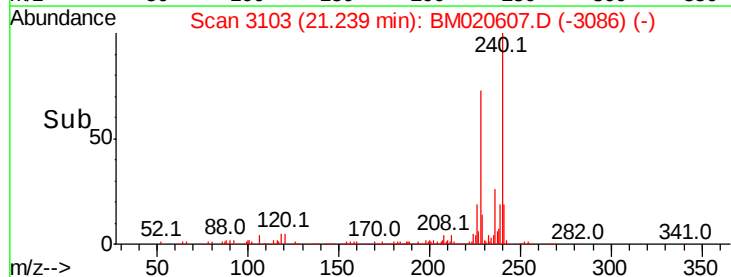
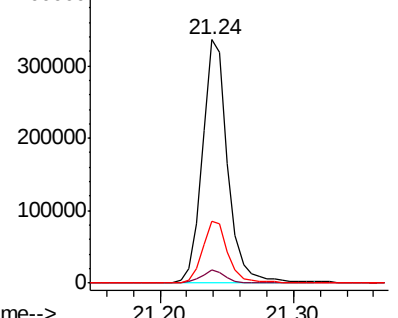
236 25.5 20.2 30.4

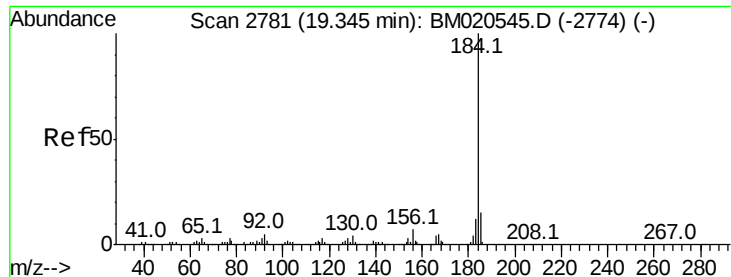


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.159 ng/mL

RT: 19.32 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

Instrument :

BNA_M

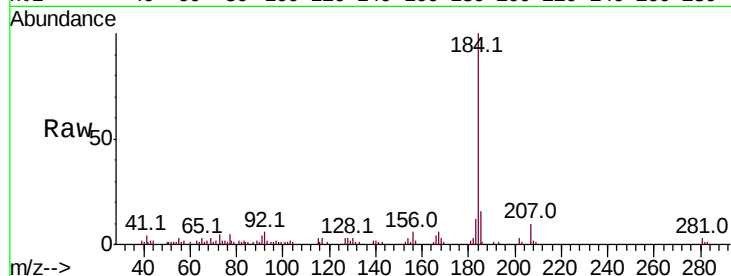
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	184	Resp:	116980
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.8	17.8
183	12.0	9.7	14.5

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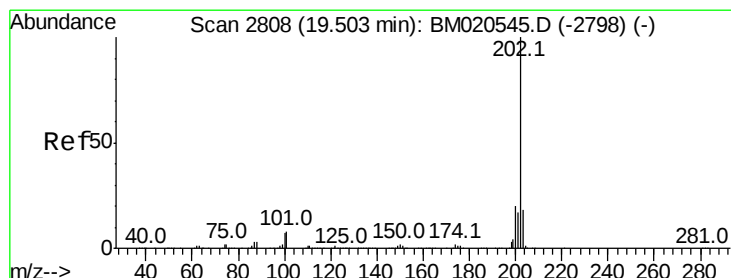
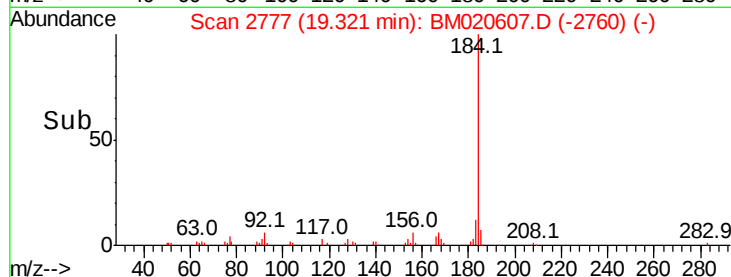
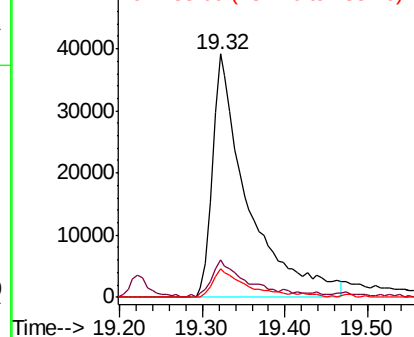


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.910 ng/mL

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BM020607.D

Acq: 29 May 2019 19:48

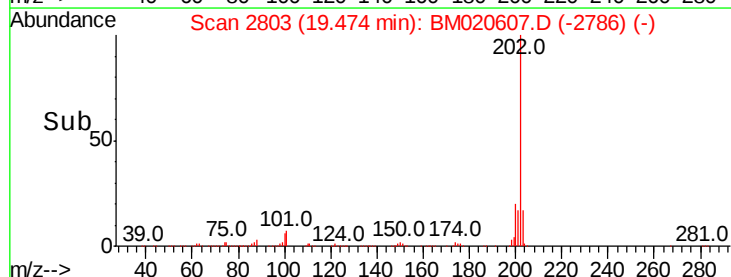
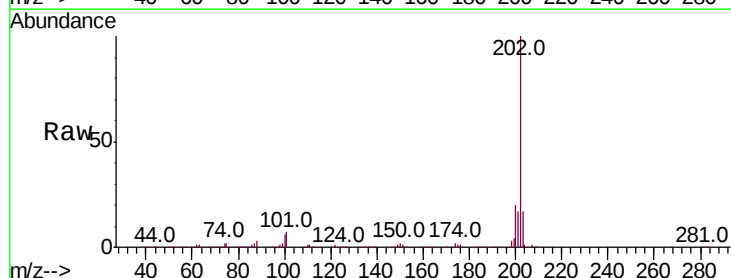
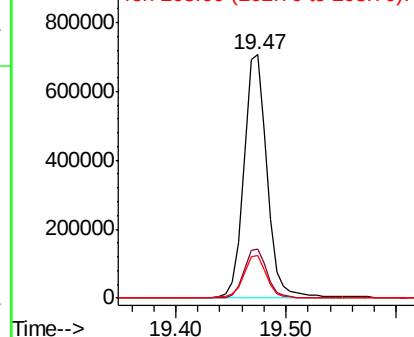
Tgt Ion:	202	Resp:	1041728
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.0	24.0
203	17.3	14.1	21.1

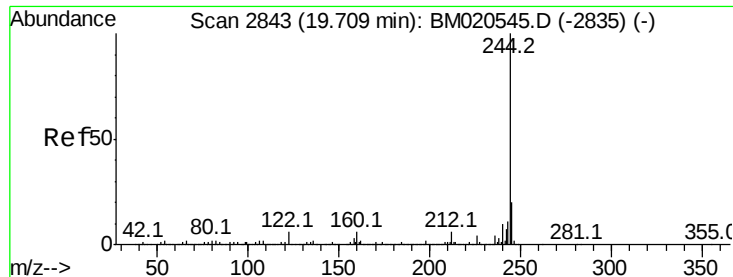
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





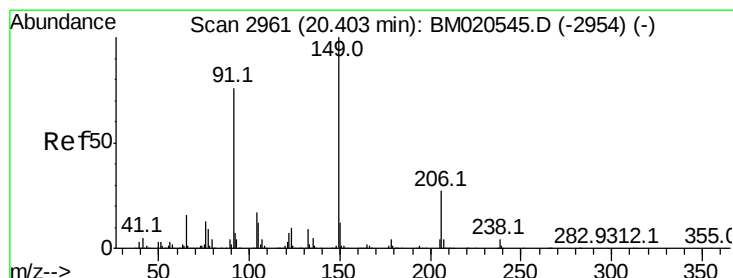
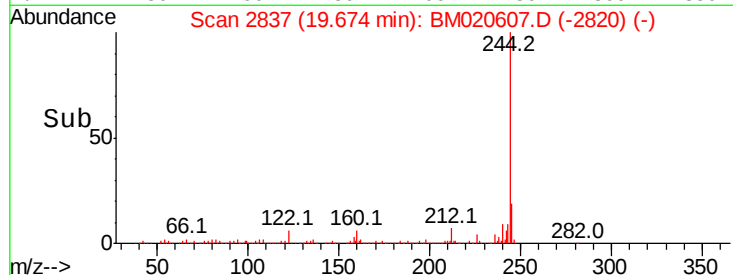
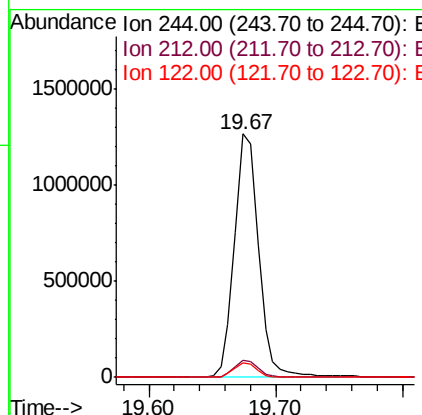
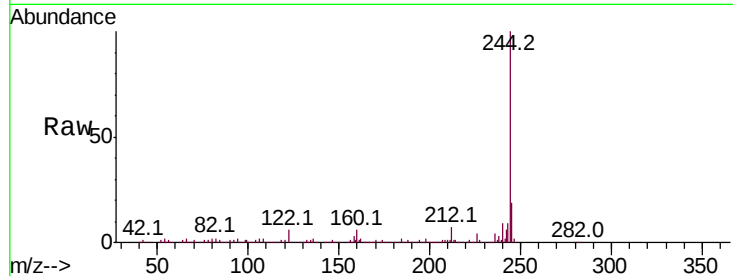
#79
Terphenyl-d14
Concen: 67.543 ng
RT: 19.67 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.6
122	6.1	4.6	7.0

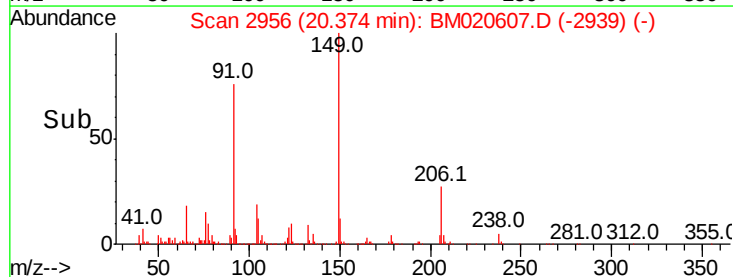
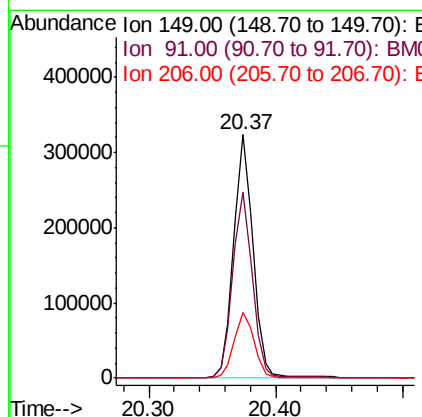
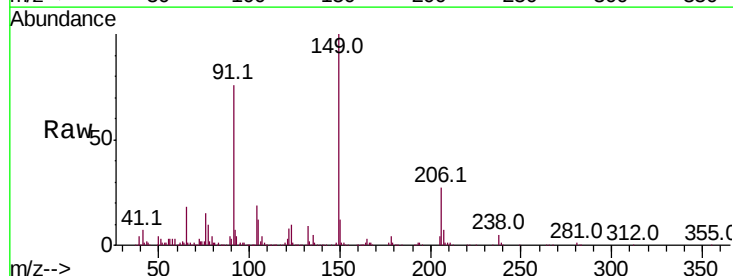
Manual Integrations
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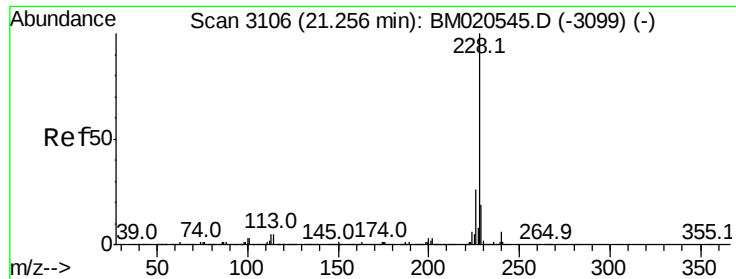
mohammad
5/30/2019 8:16:35 AM



#80
Butylbenzylphthalate
Concen: 34.346 ng
RT: 20.37 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	60.9	91.3
206	27.0	21.6	32.4





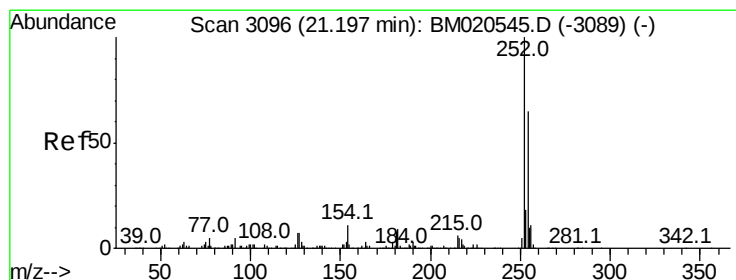
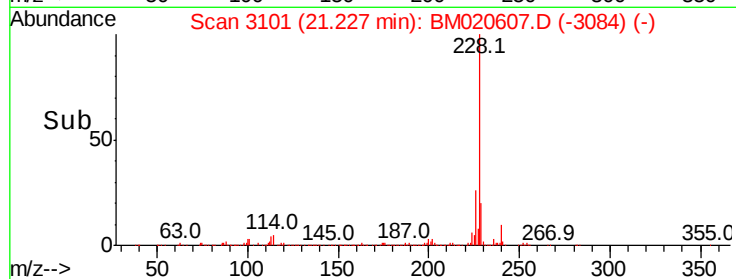
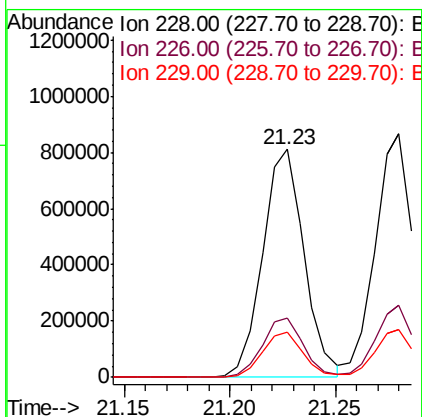
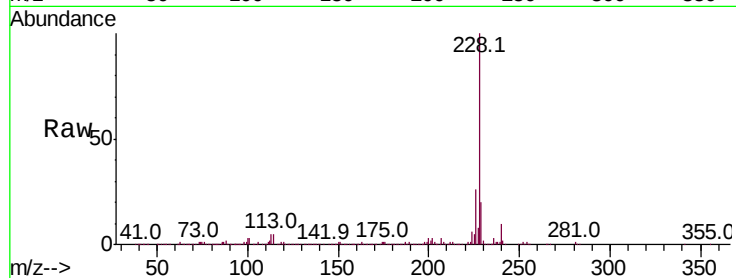
#81
Benzo(a)anthracene
Concen: 35.528 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.7	31.1
229	19.6	15.5	23.3

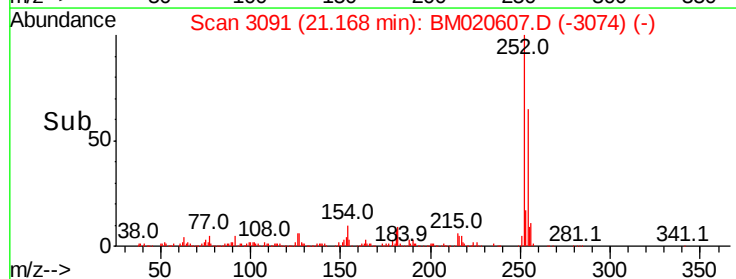
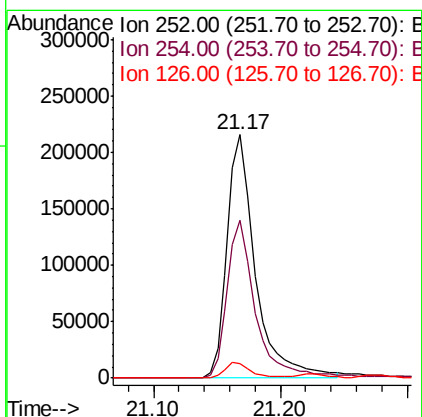
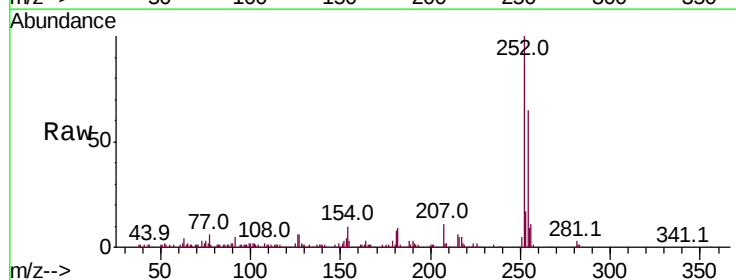
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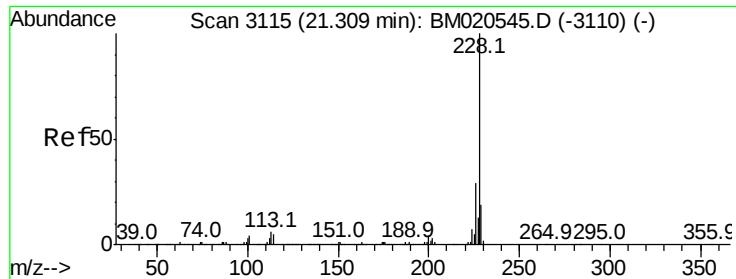
mohammad
5/30/2019 8:16:35 AM



#82
3,3'-Dichlorobenzidine
Concen: 29.608 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	6.2	5.2	7.8





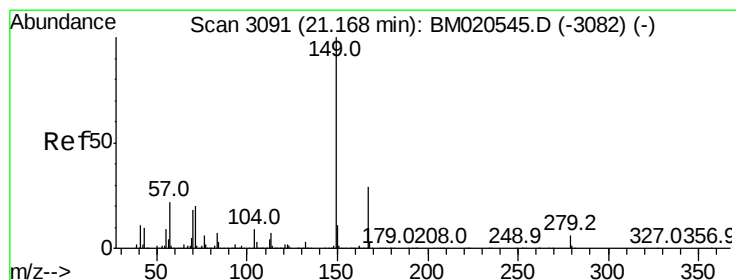
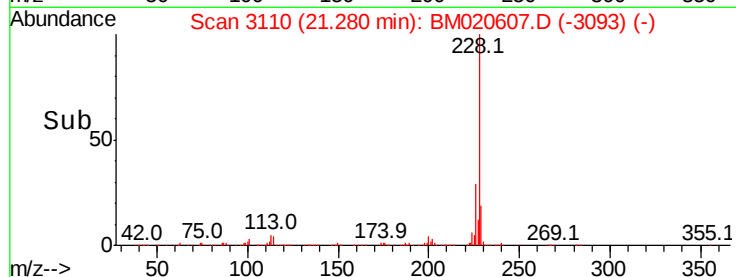
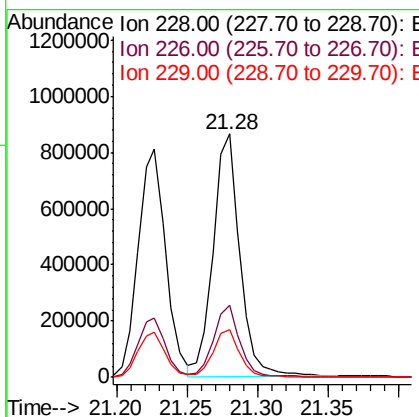
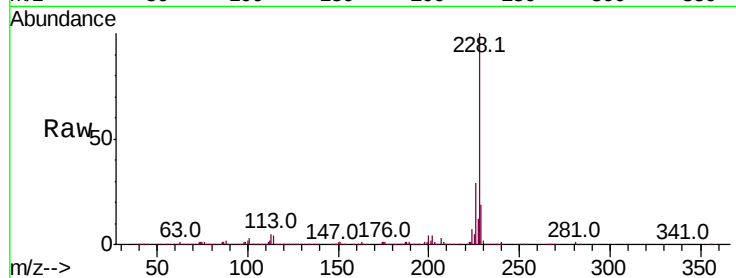
#83
 Chrysene
 Concen: 37.565 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	19.5	15.4	23.2

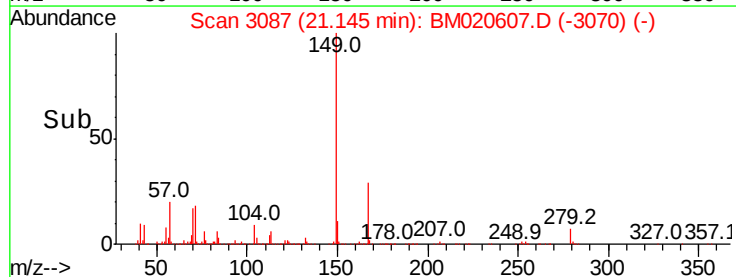
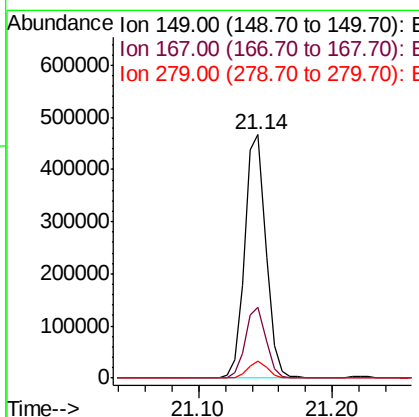
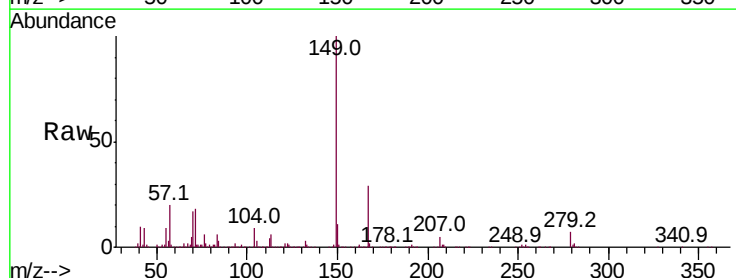
Manual Integrations
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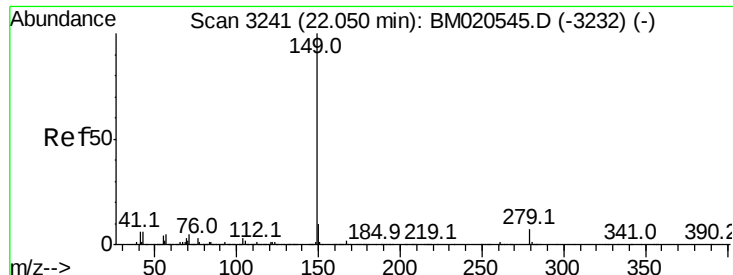
mohammad
 5/30/2019 8:16:35 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.072 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BM020607.D
 Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.9	34.3
279	7.3	4.9	7.3





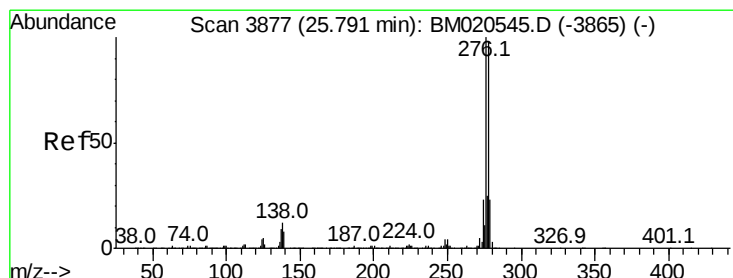
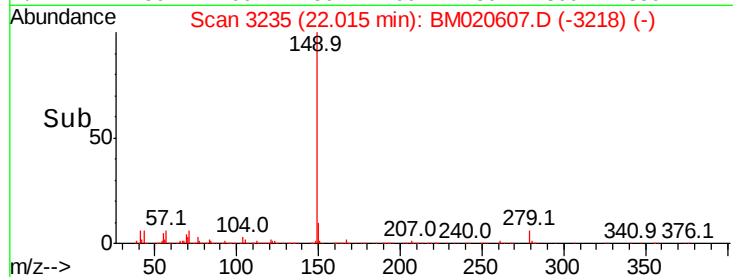
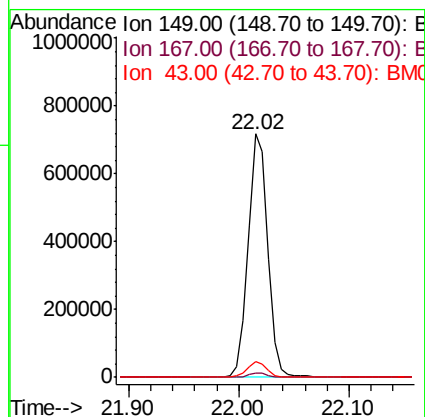
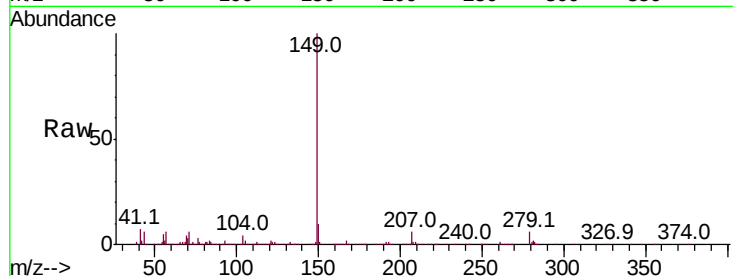
#85
Di-n-octyl phthalate
Concen: 35.605 ng
RT: 22.02 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:	149	Resp:	894625
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	6.3	4.8	7.2

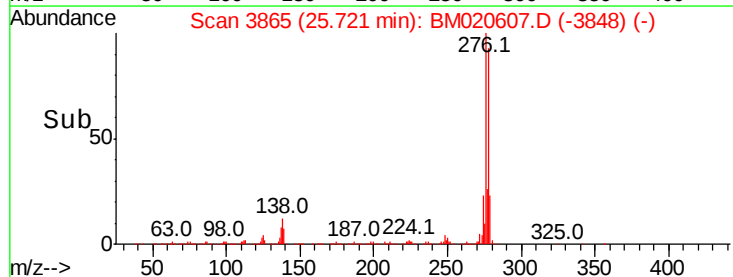
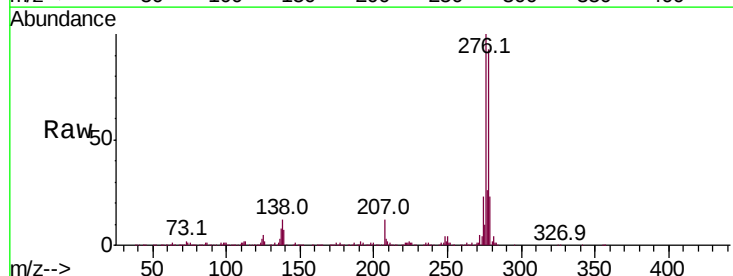
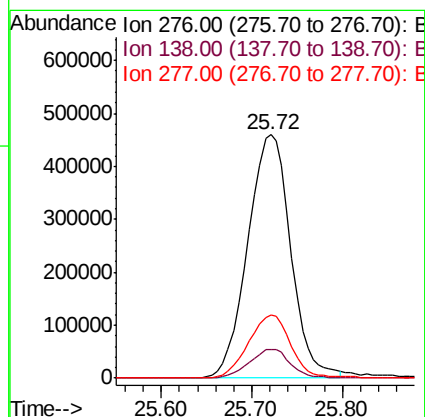
Manual Integrations
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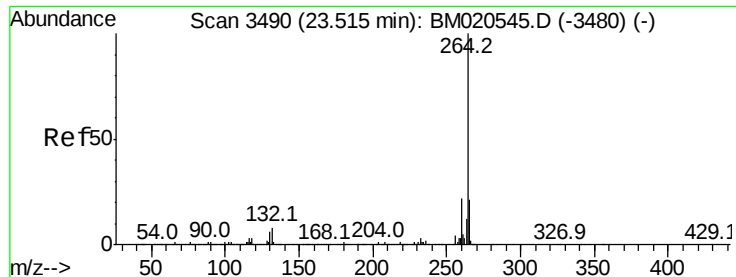
mohammad
5/30/2019 8:16:35 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.707 ng
RT: 25.72 min Scan# 3865
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion:	276	Resp:	1516135
Ion Ratio	Lower	Upper	
276	100		
138	11.3	9.7	14.5
277	25.5	20.4	30.6





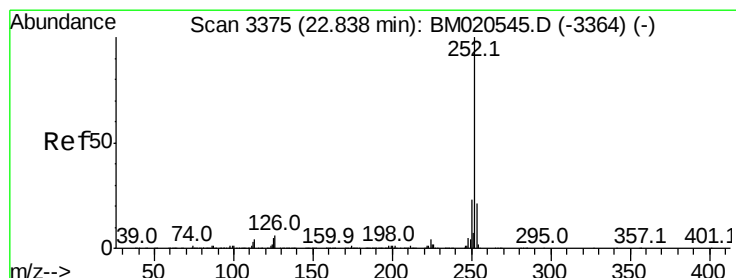
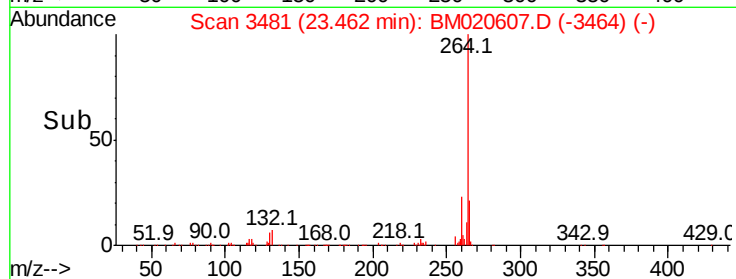
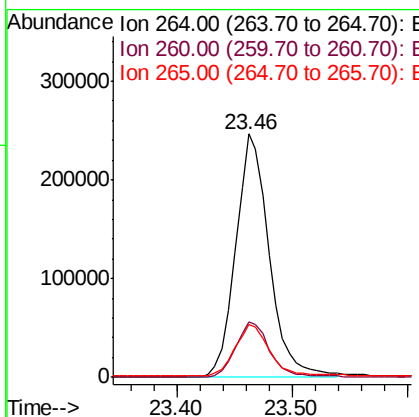
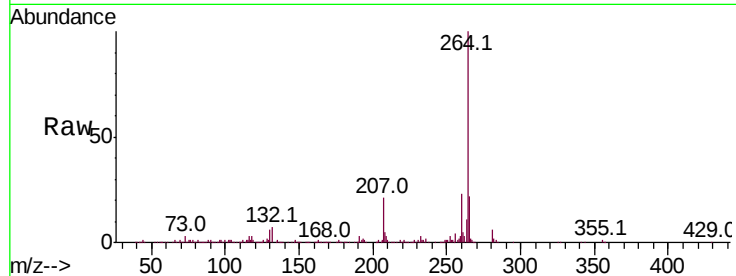
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:	264	Resp:	497182
Ion Ratio	Lower	Upper	
264	100		
260	22.8	17.7	26.5
265	21.8	17.4	26.2

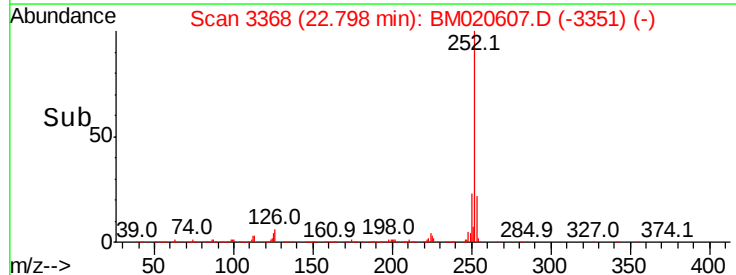
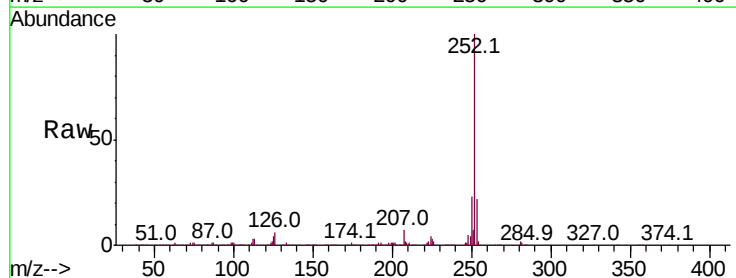
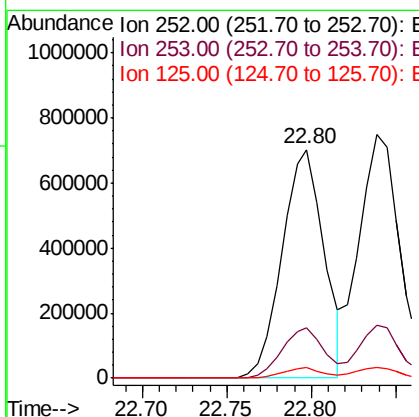
Manual Integrations
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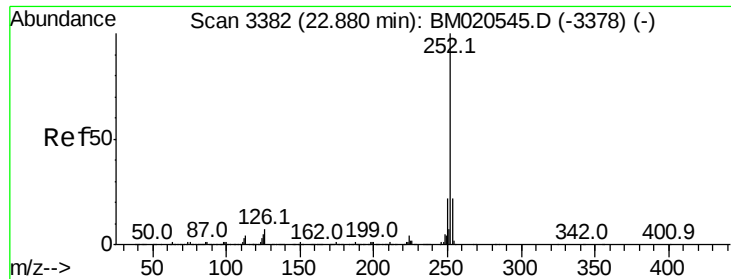
mohammad
5/30/2019 8:16:35 AM



#88
Benzo(b)fluoranthene
Concen: 36.995 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion:	252	Resp:	1203869
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	4.4	3.8	5.8





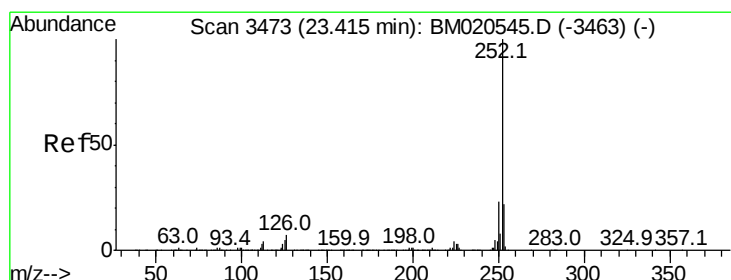
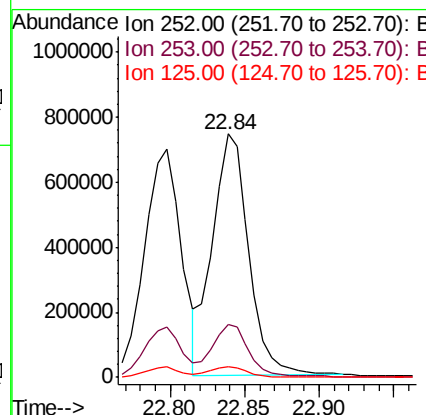
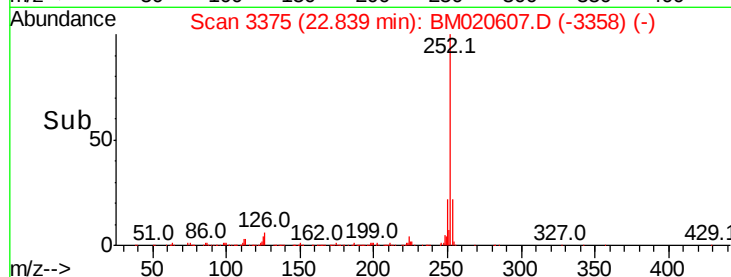
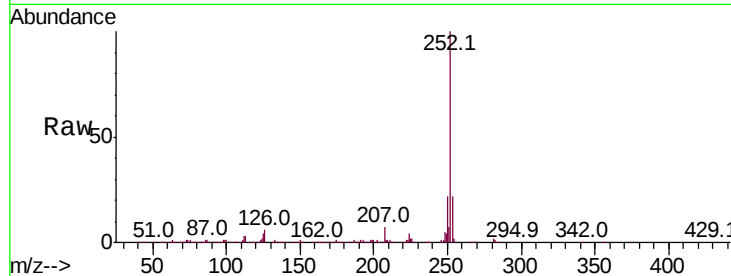
#89
Benzo(k)fluoranthene
Concen: 40.103 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	4.4	4.2	6.4

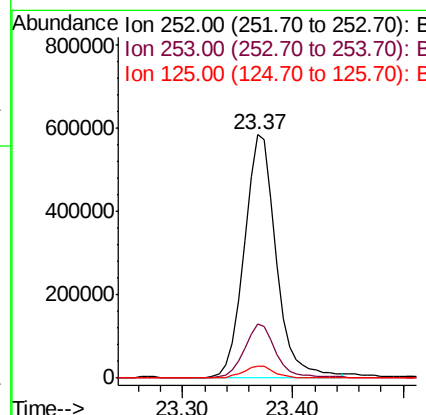
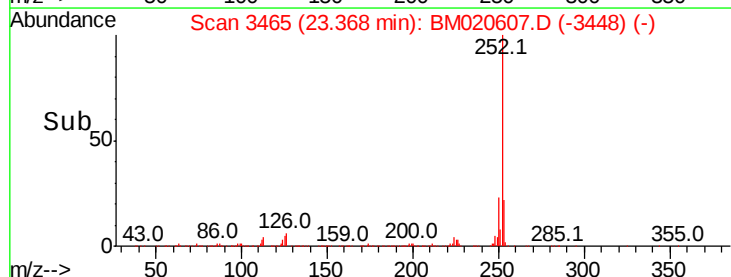
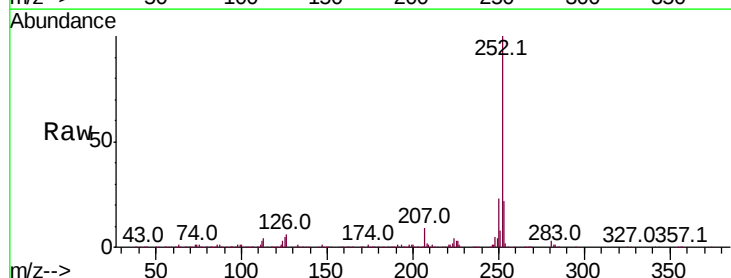
Manual Integrations
APPROVED

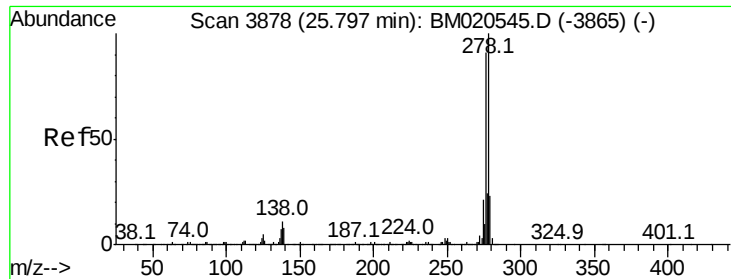
mohammad
5/30/2019 8:16:35 AM



#90
Benzo(a)pyrene
Concen: 39.538 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	4.8	4.2	6.4





#91
Dibenzo(a,h)anthracene
Concen: 42.171 ng
RT: 25.73 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

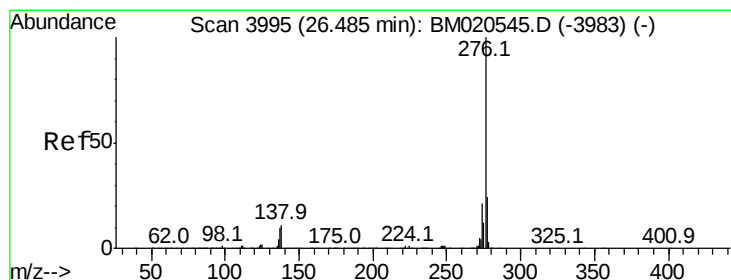
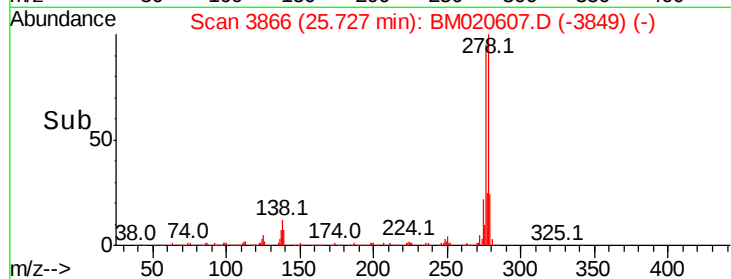
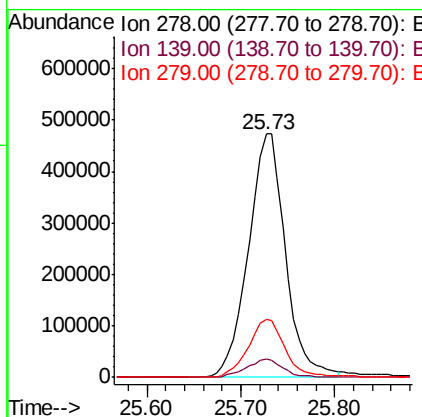
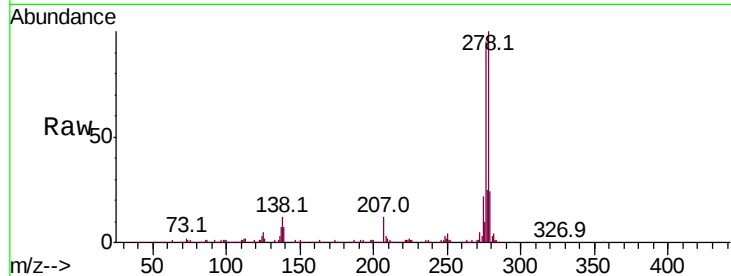
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:278 Resp: 1292667

Ion	Ratio	Lower	Upper
278	100		
139	7.4	6.3	9.5
279	23.8	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:35 AM



#92
Benzo(g,h,i)perylene
Concen: 43.952 ng
RT: 26.41 min Scan# 3982
Delta R.T. 0.01 min
Lab File: BM020607.D
Acq: 29 May 2019 19:48

Tgt Ion:276 Resp: 1248879

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	9.3	8.6	12.8

