

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020550.D
 Acq On : 24 May 2019 16:13
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052419

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:59:59 AM

Quant Time: May 24 17:00:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	62670	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	257690	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	186150	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	512177	20.00	ng	0.00
76) Chrysene-d12	21.27	240	614247	20.00	ng	0.00
87) Perylene-d12	23.51	264	651156	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	255391	79.95	ng	0.00
7) Phenol-d6	6.85	99	391116	81.12	ng	0.00
23) Nitrobenzene-d5	8.84	82	498579	81.21	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	298718	80.10	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1201310	80.98	ng	0.00
79) Terphenyl-d14	19.71	244	2777741	81.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	66820	39.972	ng	99
3) Pyridine	3.57	79	206675	41.906	ng	97
4) n-Nitrosodimethylamine	3.50	42	50646	42.722	ng	99
6) Aniline	7.00	93	279638	40.093	ng	99
8) 2-Chlorophenol	7.23	128	156516	40.068	ng	98
9) Benzaldehyde	6.82	77	127083	41.285	ng	99
10) Phenol	6.87	94	211423	40.607	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	157650	40.575	ng	98
12) 1,3-Dichlorobenzene	7.55	146	197820	39.544	ng	98
13) 1,4-Dichlorobenzene	7.70	146	199393	39.876	ng	98
14) 1,2-Dichlorobenzene	8.01	146	201848	40.265	ng	97
15) Benzyl Alcohol	7.92	79	178694	40.051	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	107815	39.813	ng	97
17) 2-Methylphenol	8.12	107	137759	40.077	ng	99
18) Hexachloroethane	8.72	117	79678	39.336	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	172706	40.339	ng	98
20) 3+4-Methylphenols	8.45	107	184741	40.077	ng	98
22) Acetophenone	8.50	105	287368	40.497	ng	# 100
24) Nitrobenzene	8.88	77	245153	40.432	ng	97
25) Isophorone	9.40	82	455037	39.832	ng	98
26) 2-Nitrophenol	9.59	139	90807	40.589	ng	95
27) 2,4-Dimethylphenol	9.64	122	133082	39.932	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	242823	40.833	ng	100
29) 2,4-Dichlorophenol	10.12	162	177746	40.100	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	243311	40.146	ng	97
31) Naphthalene	10.50	128	530983	39.907	ng	99
32) Benzoic acid	9.82	122	81907m	39.186	ng	
33) 4-Chloroaniline	10.64	127	215444	40.569	ng	99
34) Hexachlorobutadiene	10.76	225	181155	40.203	ng	98
35) Caprolactam	11.45	113	58738m	40.264	ng	
36) 4-Chloro-3-methylphenol	11.77	107	192059	39.817	ng	96
37) 2-Methylnaphthalene	12.12	142	408072	40.146	ng	99
38) 1-Methylnaphthalene	12.34	142	394285	40.034	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	318260	40.671	ng	99

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 ICBM052419

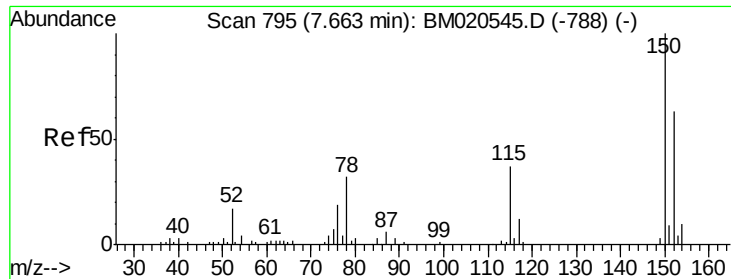
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	138862	40.755	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	196484	40.574	ng	96
44) 2,4,5-Trichlorophenol	12.83	196	182631	40.386	ng	98
46) 1,1'-Biphenyl	13.15	154	581613	40.568	ng	99
47) 2-Chloronaphthalene	13.19	162	489373	40.266	ng	99
48) 2-Nitroaniline	13.42	65	147465	39.773	ng	95
49) Acenaphthylene	14.04	152	743647	40.236	ng	99
50) Dimethylphthalate	13.79	163	661509	40.120	ng	100
51) 2,6-Dinitrotoluene	13.92	165	140050	40.753	ng	94
52) Acenaphthene	14.39	154	446453	40.085	ng	98
53) 3-Nitroaniline	14.26	138	115226	38.837	ng	98
54) 2,4-Dinitrophenol	14.48	184	73569	39.307	ng	93
55) Dibenzofuran	14.72	168	768715	39.885	ng	99
56) 4-Nitrophenol	14.59	139	76374	38.805	ng	94
57) 2,4-Dinitrotoluene	14.72	165	200979	40.499	ng	99
58) Fluorene	15.37	166	639810	39.963	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	213855	40.641	ng	98
60) Diethylphthalate	15.15	149	648243	39.904	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	409270	40.042	ng	98
62) 4-Nitroaniline	15.43	138	110136	38.127	ng	100
63) Azobenzene	15.66	77	640090	40.492	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	123012	39.245	ng	99
66) n-Nitrosodiphenylamine	15.59	169	554132	39.902	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	273243	40.047	ng	96
68) Hexachlorobenzene	16.37	284	333397	40.301	ng	99
69) Atrazine	16.55	200	240751	42.135	ng	98
70) Pentachlorophenol	16.73	266	171094	40.040	ng	98
71) Phenanthrene	17.12	178	1105947	39.748	ng	99
72) Anthracene	17.21	178	1072032	39.730	ng	100
73) Carbazole	17.49	167	910389	39.314	ng	99
74) Di-n-butylphthalate	18.03	149	1132503	39.757	ng	99
75) Fluoranthene	19.14	202	1520401	39.295	ng	100
77) Benzidine	19.34	184	485825	43.038	ng	100
78) Pyrene	19.51	202	1559581	40.443	ng	99
80) Butylbenzylphthalate	20.40	149	541481	39.963	ng	98
81) Benzo(a)anthracene	21.26	228	1688989	39.729	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	610929	39.372	ng	99
83) Chrysene	21.31	228	1623550	39.523	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	787257	39.865	ng	99
85) Di-n-octyl phthalate	22.05	149	1342407	39.102	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1805627	36.353	ng	100
88) Benzo(b)fluoranthene	22.84	252	1699266	39.871	ng	99
89) Benzo(k)fluoranthene	22.89	252	1682423	40.674	ng	100
90) Benzo(a)pyrene	23.42	252	1551221	39.553	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	1519047	37.838	ng	98
92) Benzo(g,h,i)perylene	26.49	276	1400481	37.633	ng	99

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



#1

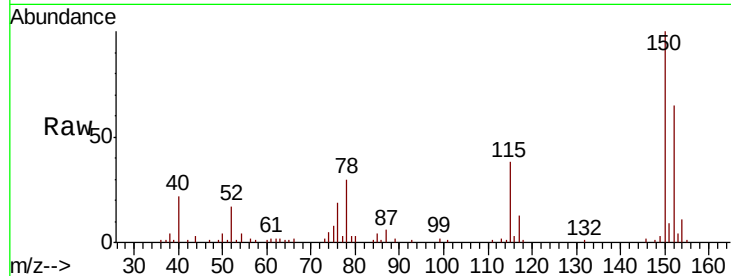
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	190.0
115	58.7	46.6	70.0

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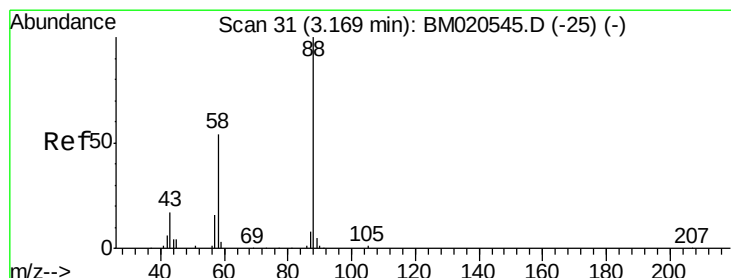
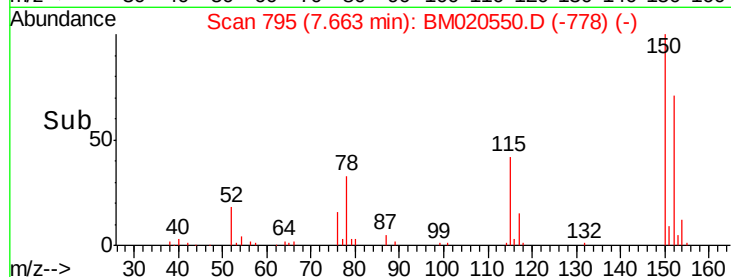
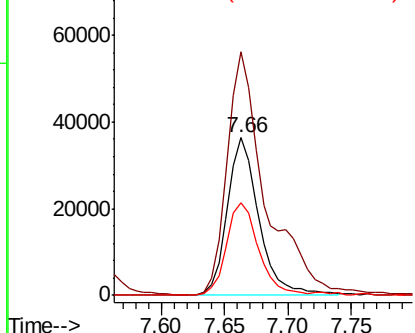


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

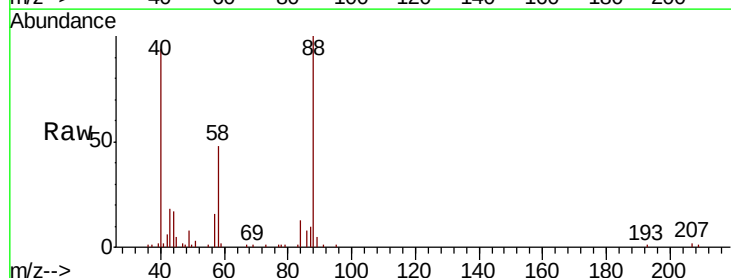
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.972 ng
RT: 3.17 min Scan# 31
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.7	42.3	63.5
43	20.6	16.0	24.0

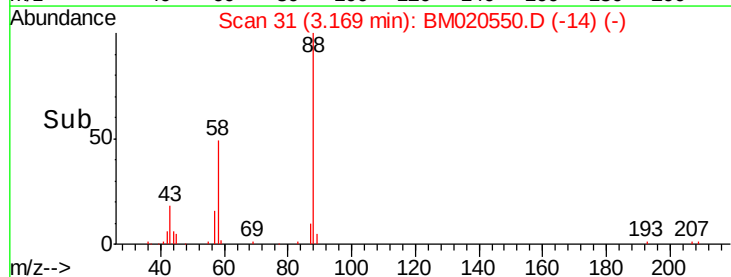
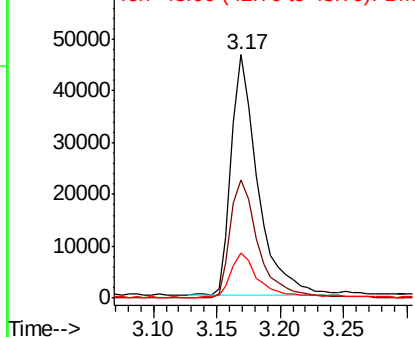


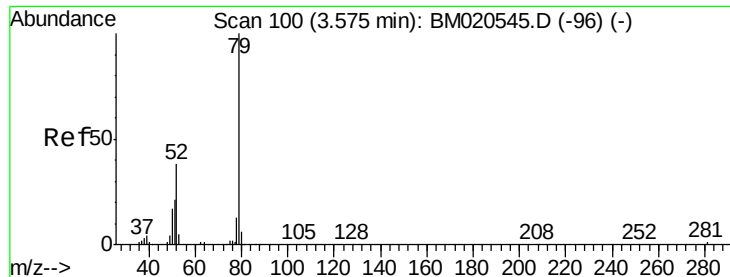
Abundance

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: 41.906 ng

RT: 3.57 min Scan# 100

Delta R.T. 0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

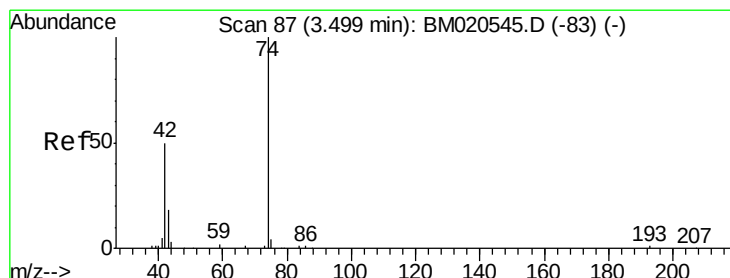
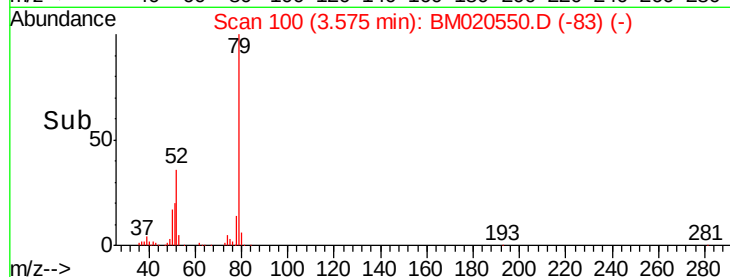
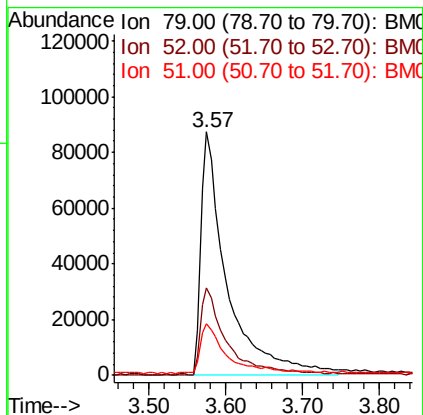
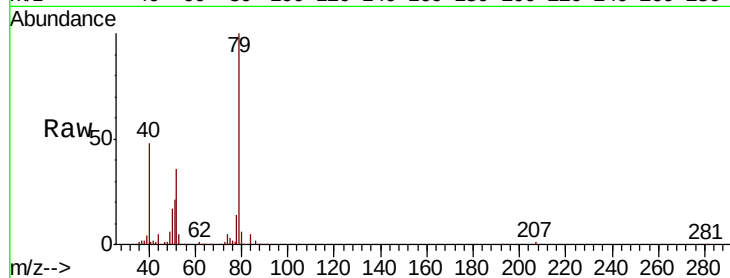
ClientSampleId :

ICVBM052419

Tot Ion:	79	Resp:	206675
Ion	Ratio	Lower	Upper
79	100		
52	35.9	30.1	45.1
51	21.2	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 42.722 ng

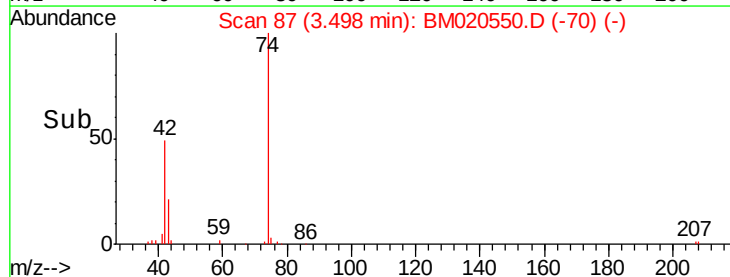
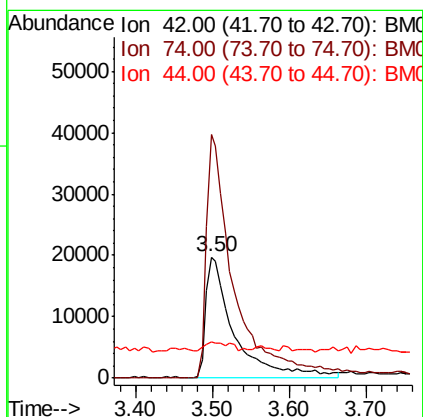
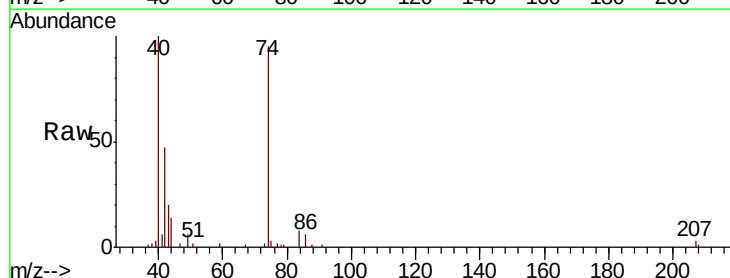
RT: 3.50 min Scan# 87

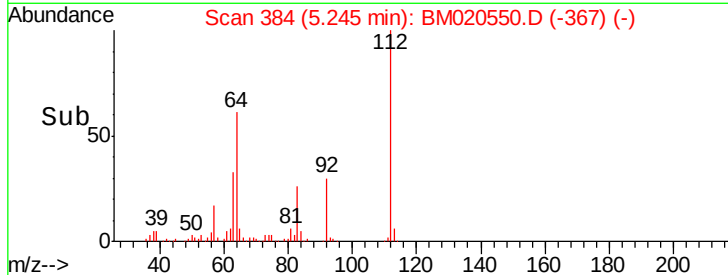
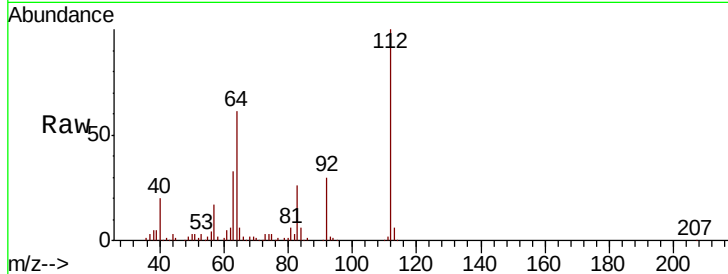
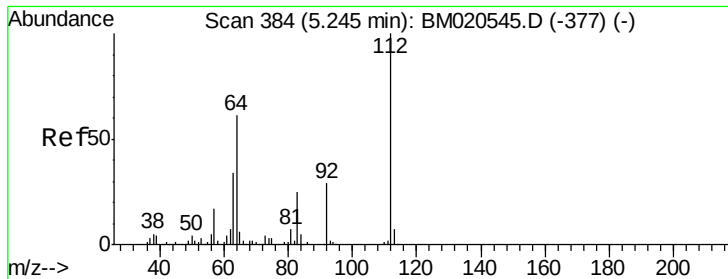
Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion:	42	Resp:	50646
Ion	Ratio	Lower	Upper
42	100		
74	200.9	161.1	241.7
44	29.8	20.9	31.3





#5

2-Fluorophenol

Concen: 79.947 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tot Ion	Ratio	Resp	Lower	Upper
112	100	255391		
64	60.6	48.6	73.0	
63	33.0	27.4	41.0	

Instrument :

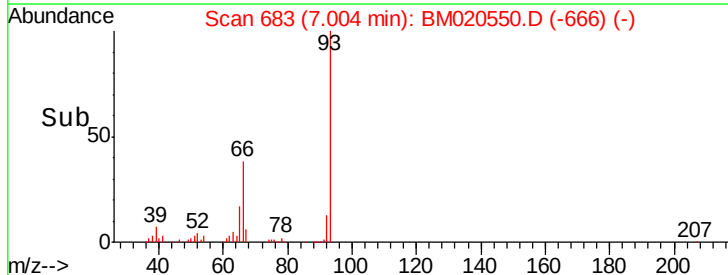
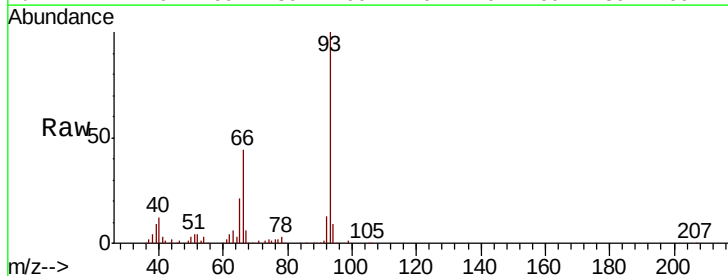
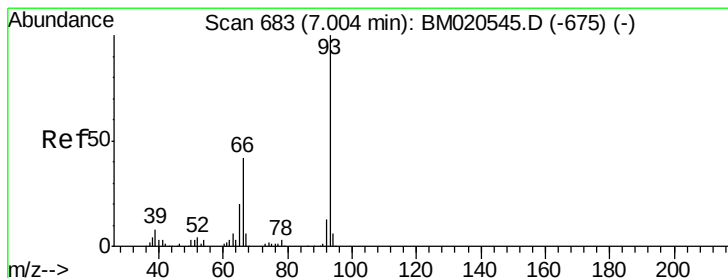
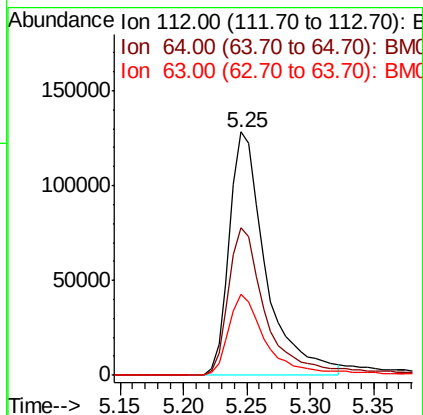
BNA_M

ClientSampleId :

ICVBM052419

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#6

Aniline

Concen: 40.093 ng

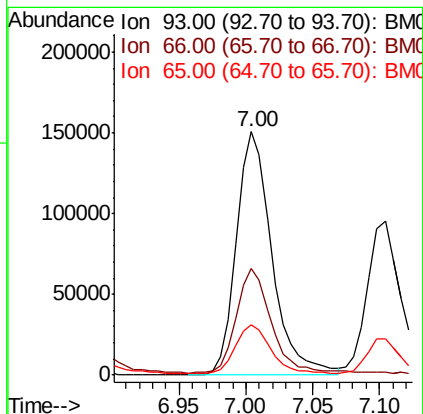
RT: 7.00 min Scan# 683

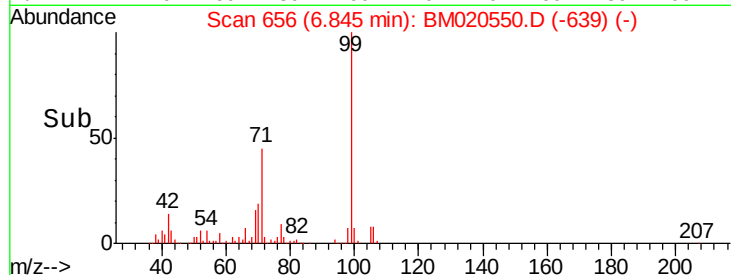
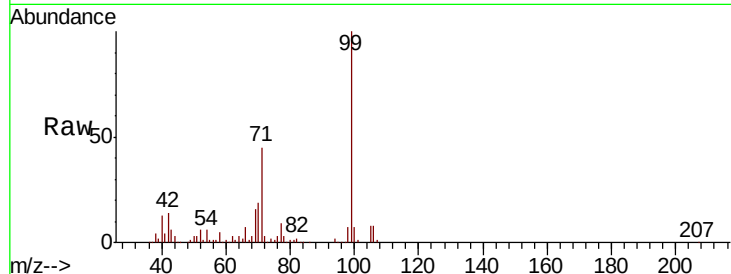
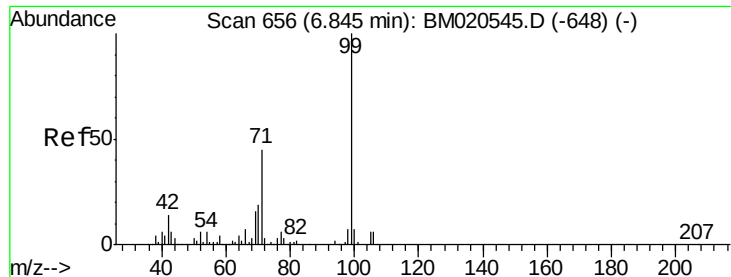
Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279638		
66	43.6	34.5	51.7	
65	20.6	16.2	24.2	





#7

Phenol-d6

Concen: 81.118 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tot Ion	Ratio	Resp	Lower	Upper
99	100	391116		
42	13.5	10.8	16.2	
71	45.1	36.3	54.5	

Instrument :

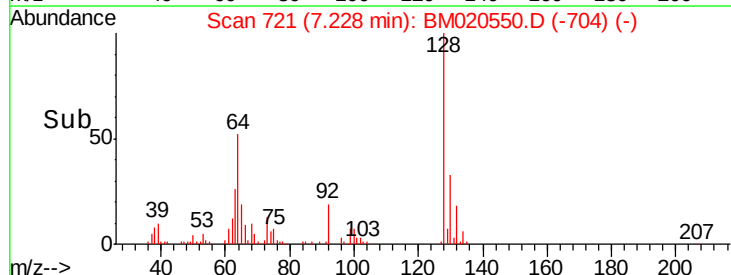
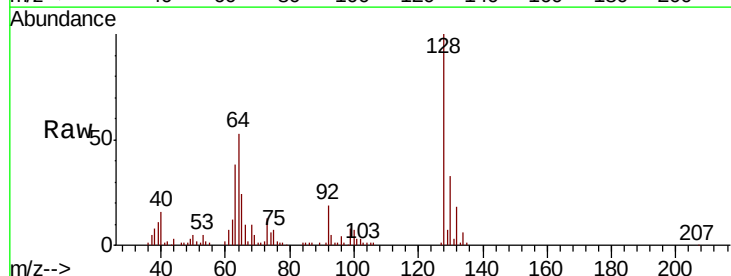
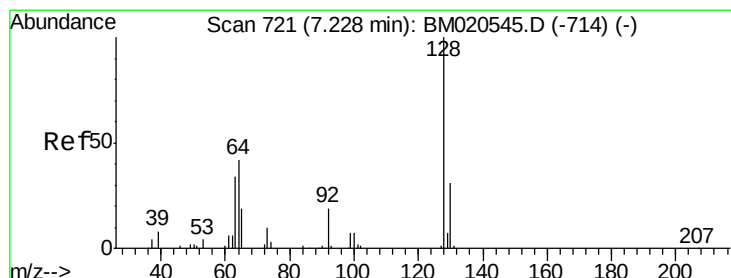
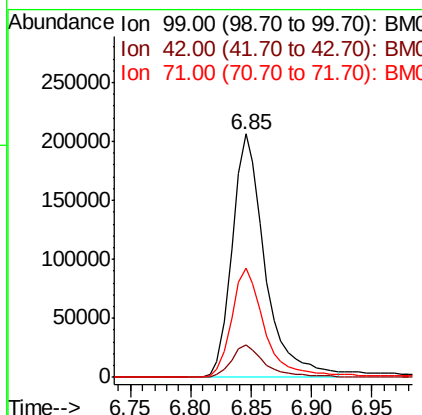
BNA_M

ClientSampled :

ICVBM052419

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#8

2-Chlorophenol

Concen: 40.068 ng

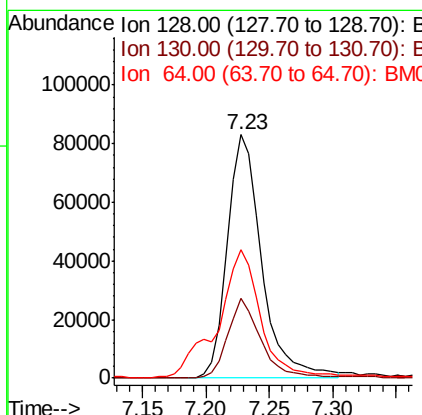
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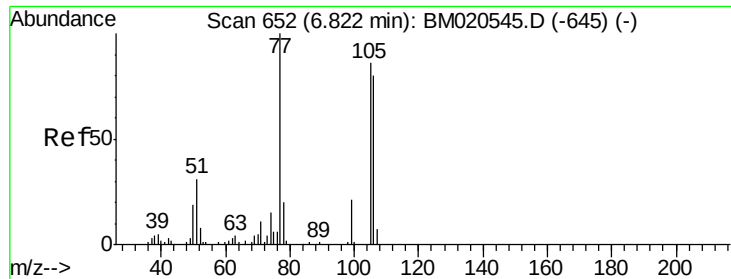
Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	156516		
130	32.6	11.2	51.2	
64	52.8	31.1	71.1	





#9

Benzaldehyde

Concen: 41.285 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

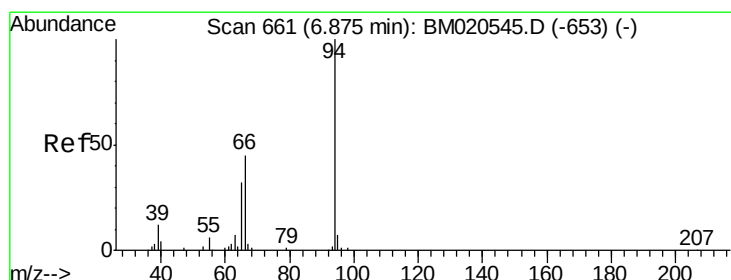
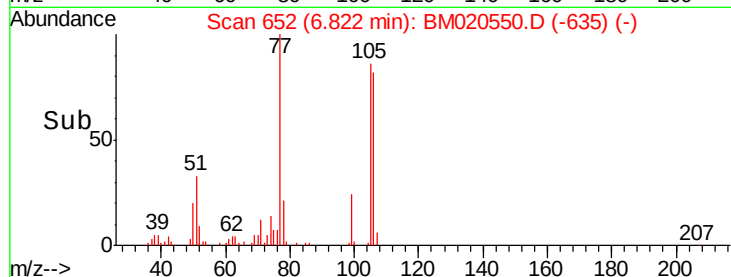
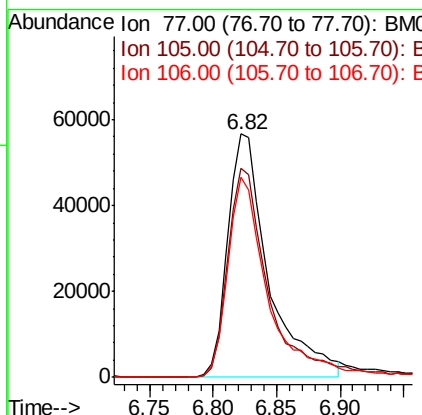
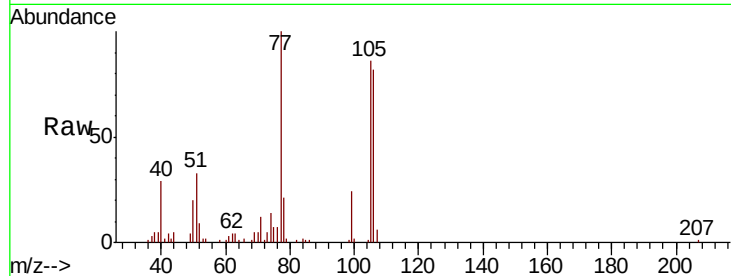
ClientSampleId :

ICVBM052419

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.7	66.1	106.1
106	82.0	60.0	100.0

Manual Integrations
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#10

Phenol

Concen: 40.607 ng

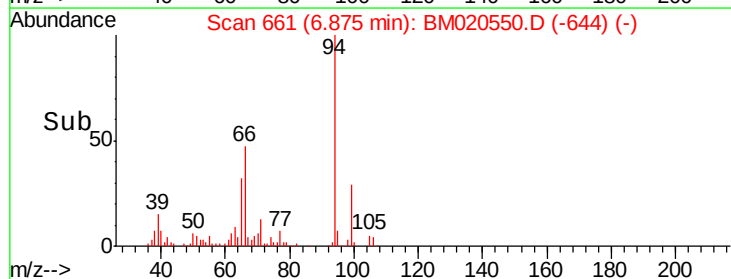
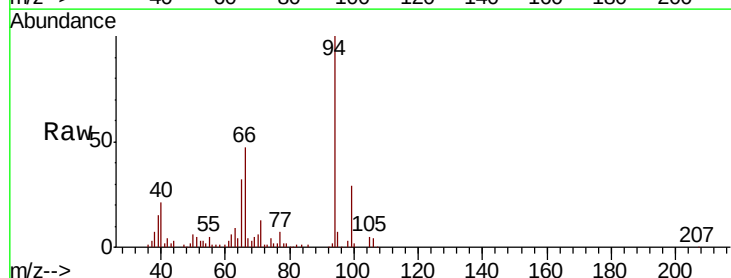
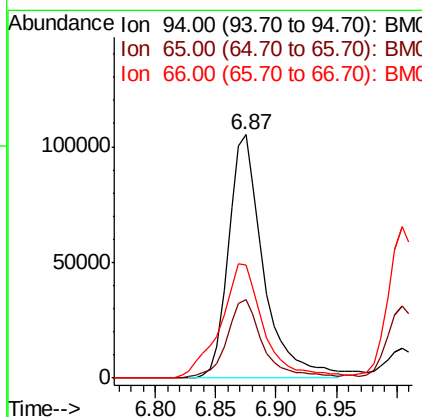
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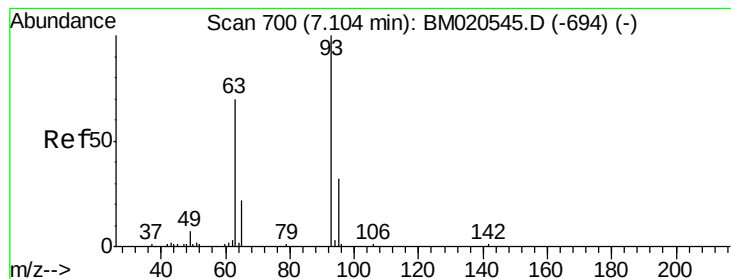
Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.4	52.4
66	46.6	27.4	67.4





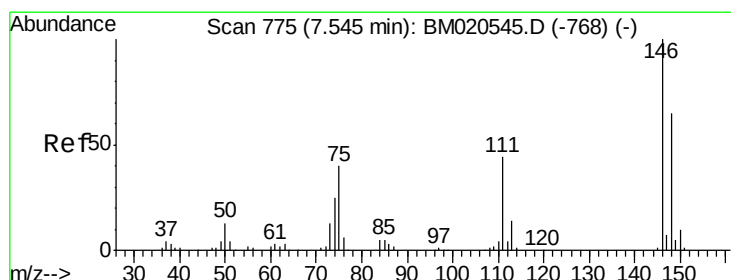
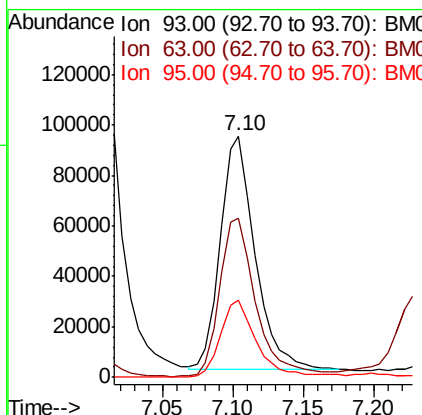
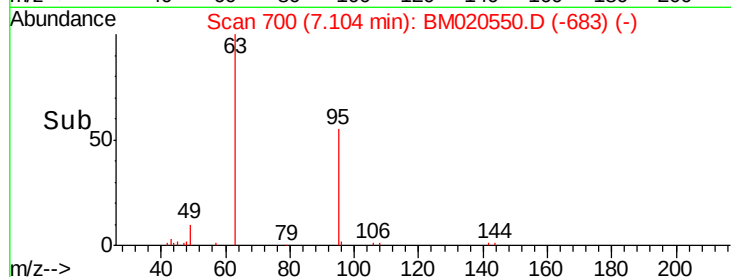
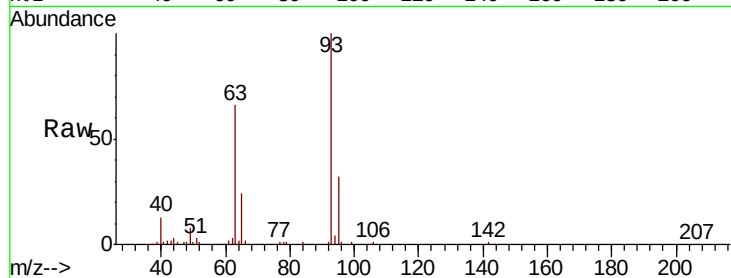
#11
bis(2-Chloroethyl)ether
Concen: 40.575 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	93	Resp	157650
Ion Ratio	Lower	Upper	
93	100		
63	66.0	47.6	87.6
95	31.8	10.9	50.9

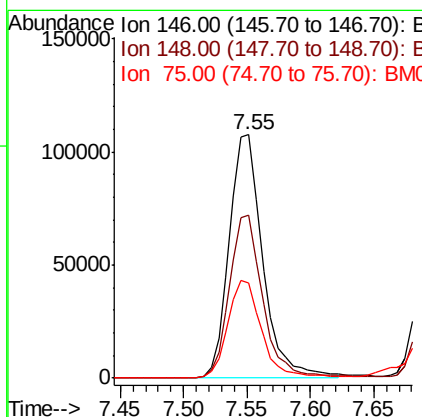
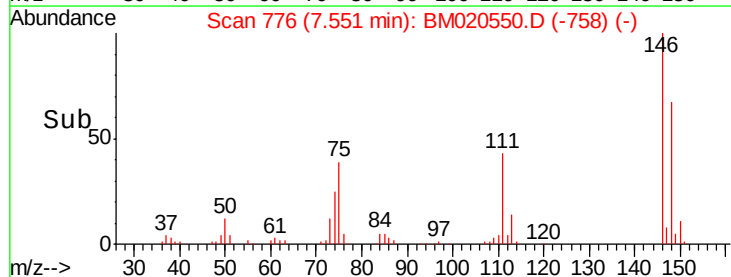
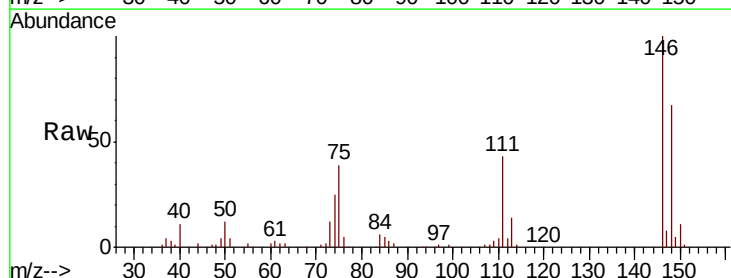
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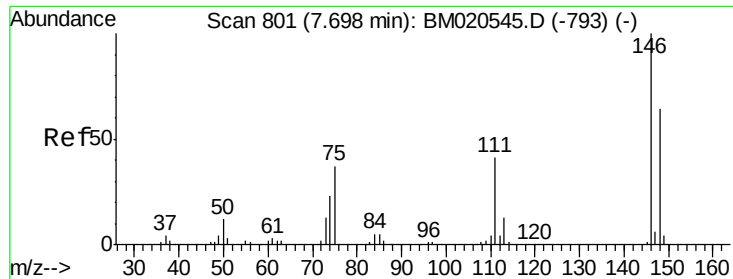
mohammad
5/27/2019 3:59:59 AM



#12
1,3-Dichlorobenzene
Concen: 39.544 ng
RT: 7.55 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	146	Resp	197820
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.9	77.9
75	38.9	31.6	47.4





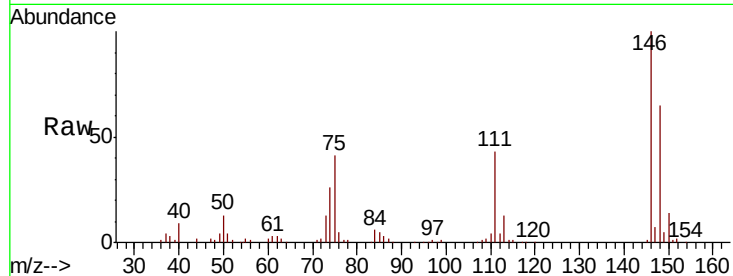
#13
1,4-Dichlorobenzene
Concen: 39.876 ng
RT: 7.70 min Scan# 801
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

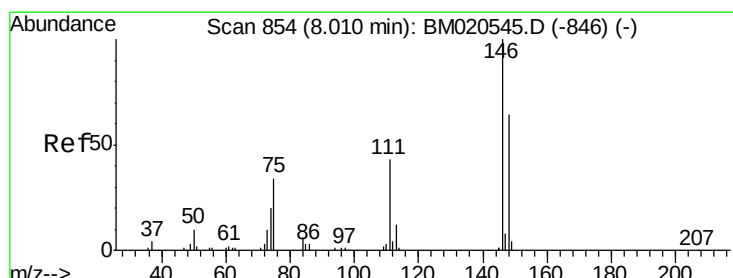
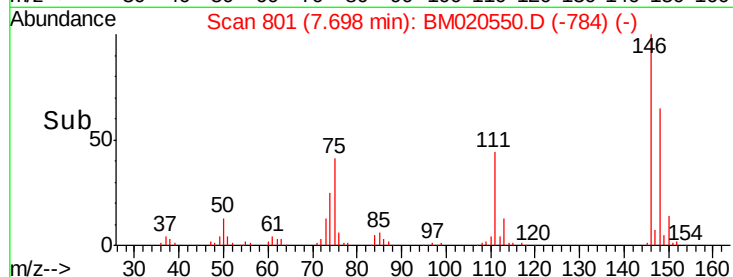
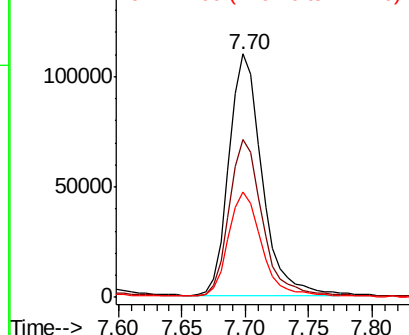
Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		199393		
148	64.7	51.1	76.7		
111	43.3	33.5	50.3		

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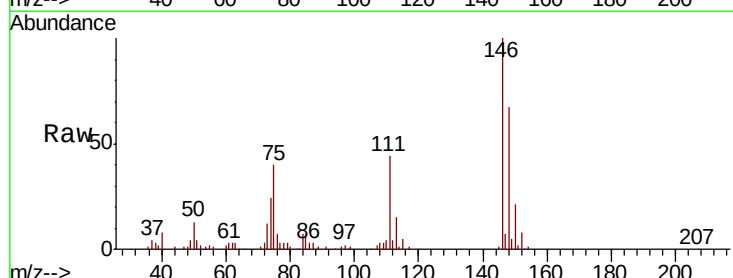


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

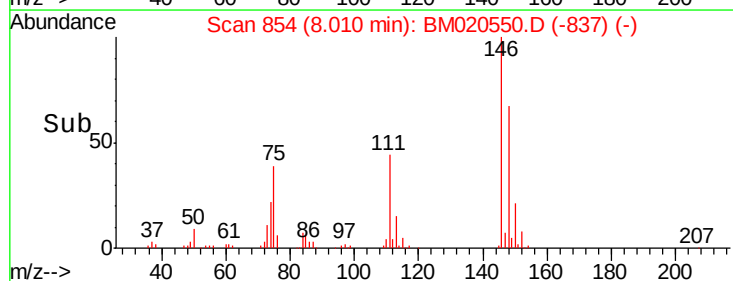
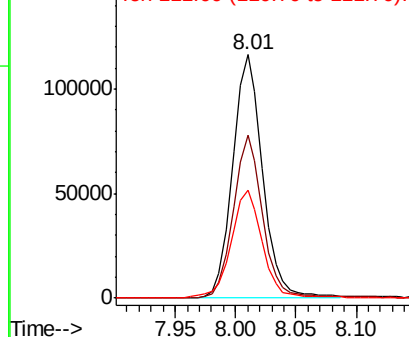


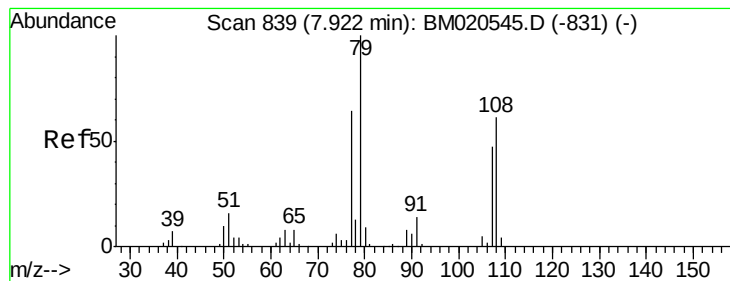
#14
1,2-Dichlorobenzene
Concen: 40.265 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		201848		
148	67.1	51.2	76.8		
111	44.3	35.2	52.8		



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





#15

Benzyl Alcohol

Concen: 40.051 ng

RT: 7.92 min Scan# 839

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

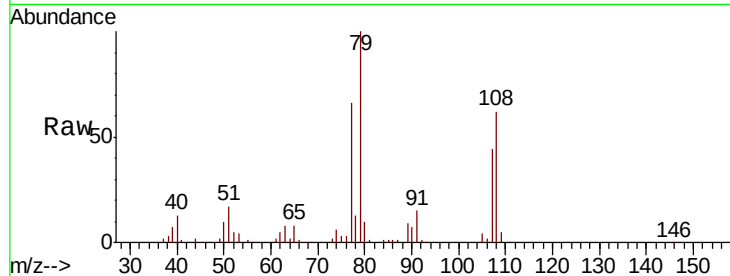
ClientSampleId :

ICVBM052419

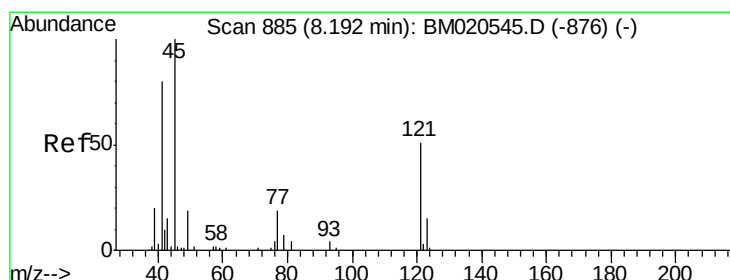
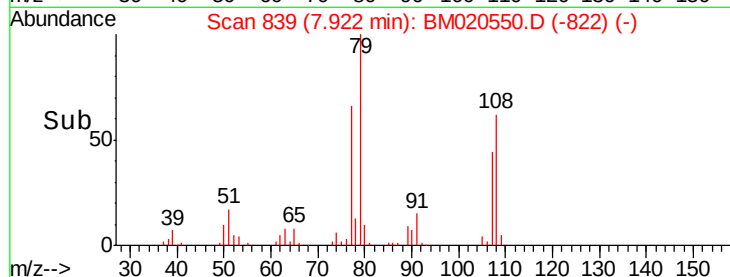
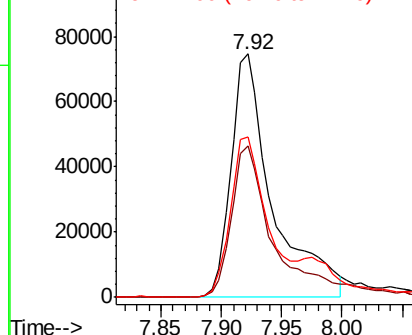
Tot Ion:	79	Resp:	178694
Ion	Ratio	Lower	Upper
79	100		
108	62.2	48.5	72.7
77	66.0	50.9	76.3

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Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.813 ng

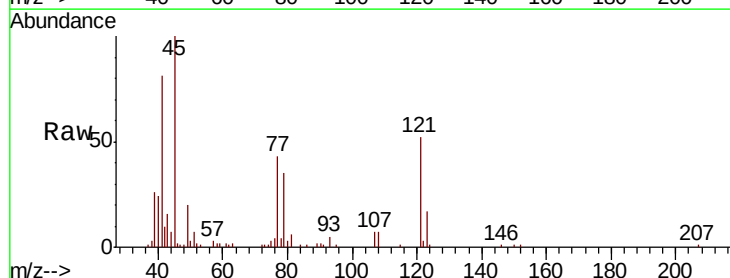
RT: 8.19 min Scan# 885

Delta R.T. -0.00 min

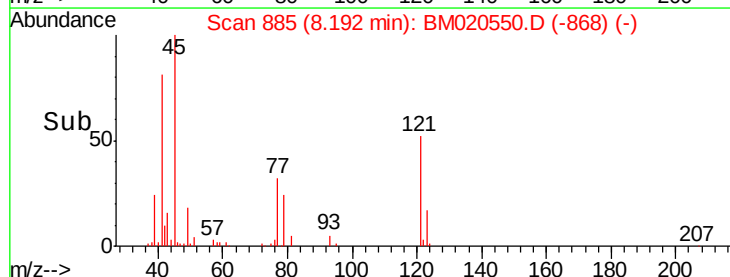
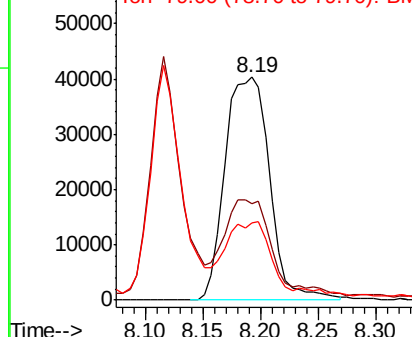
Lab File: BM020550.D

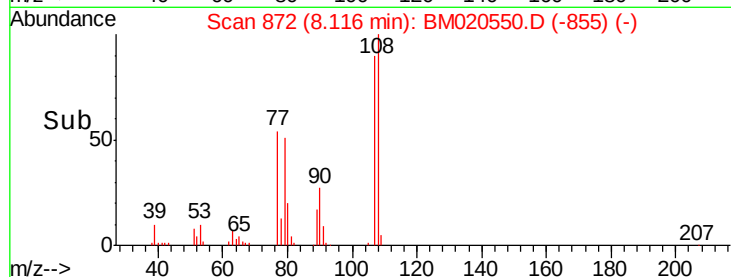
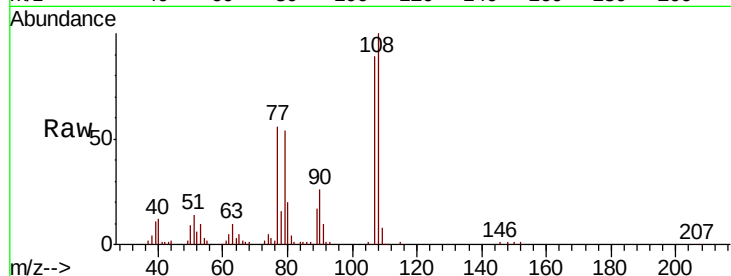
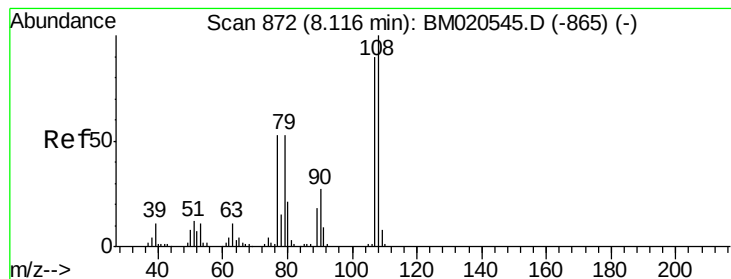
Acq: 24 May 2019 16:13

Tgt Ion:	45	Resp:	107815
Ion	Ratio	Lower	Upper
45	100		
77	43.4	25.0	65.0
79	34.8	13.1	53.1



Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0





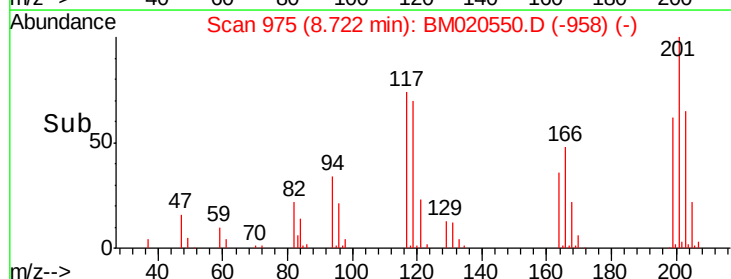
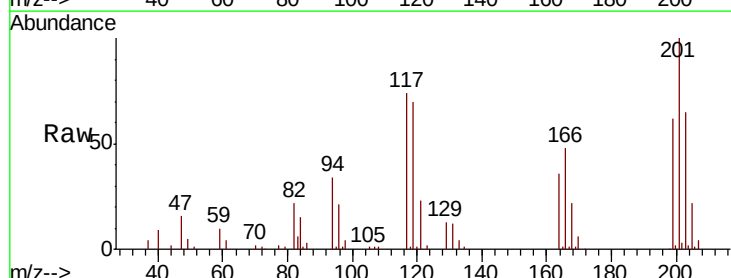
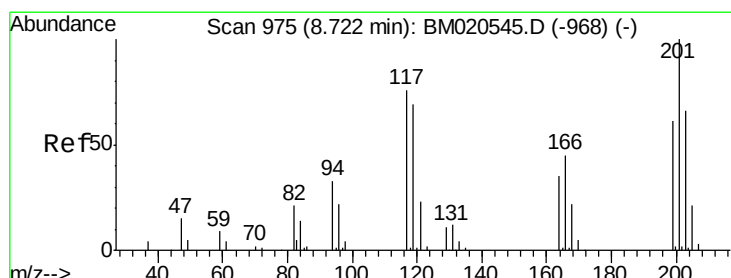
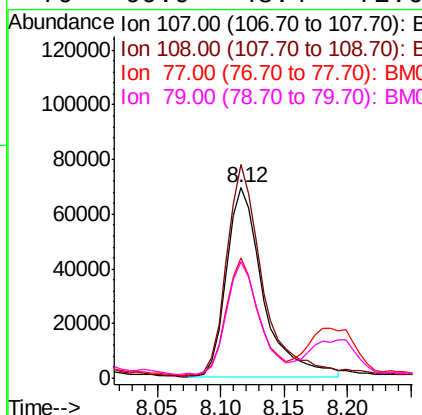
#17
2-Methylphenol
Concen: 40.077 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	89.4	134.2	
77	63.2	48.2	72.4	
79	60.9	48.4	72.6	

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

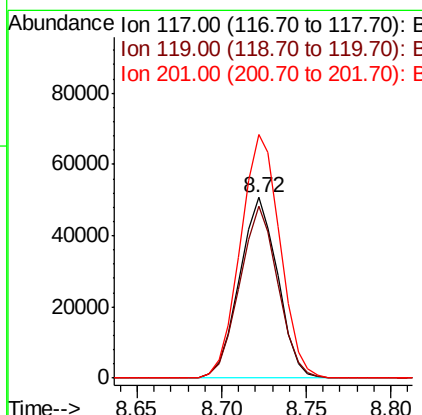
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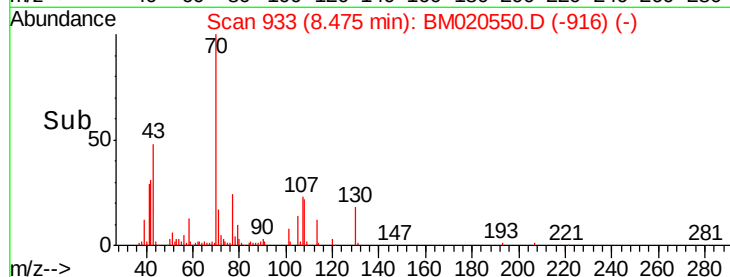
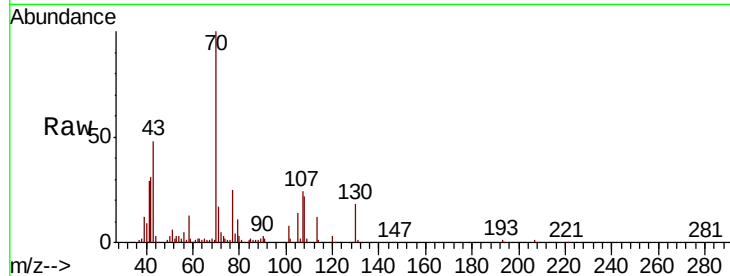
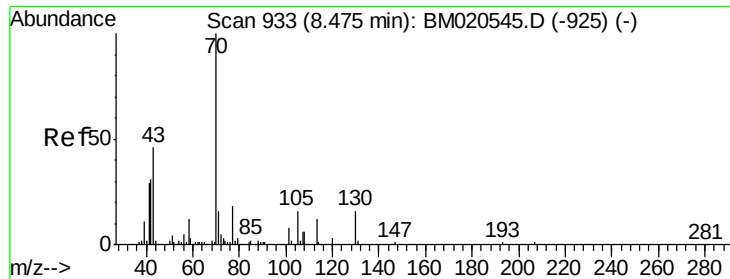
mohammad
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#18
Hexachloroethane
Concen: 39.336 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	73.2	109.8	
201	134.8	105.8	158.8	





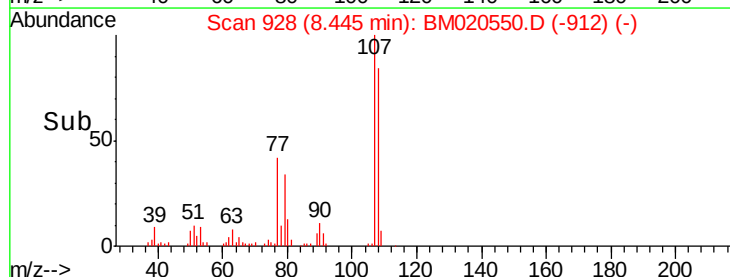
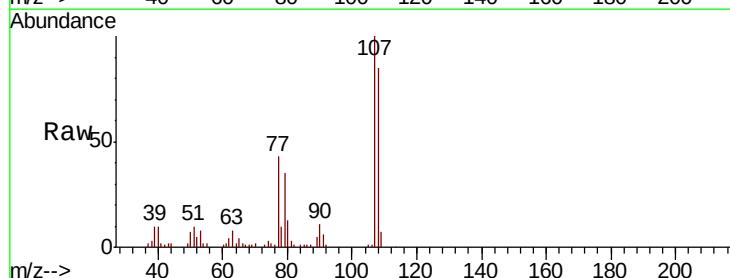
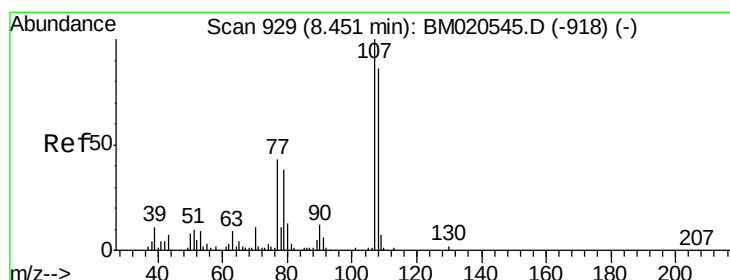
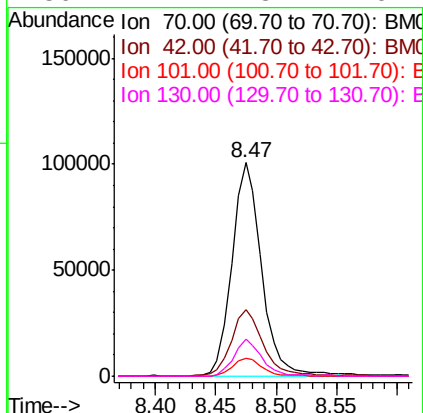
#19
n-Nitroso-di-n-propylamine
Concen: 40.339 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	31.5	24.7	37.1	
101	8.2	6.8	10.2	
130	17.7	13.1	19.7	

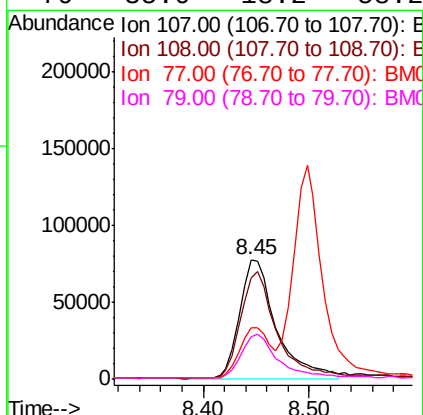
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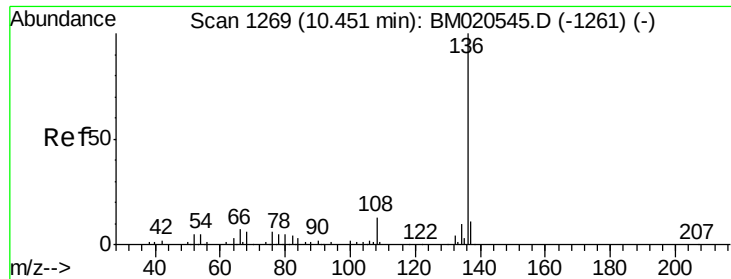
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#20
3+4-Methylphenols
Concen: 40.077 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.9	66.5	106.5	
77	42.6	23.0	63.0	
79	35.0	18.2	58.2	





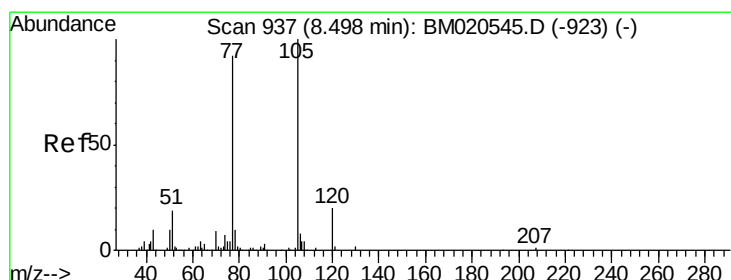
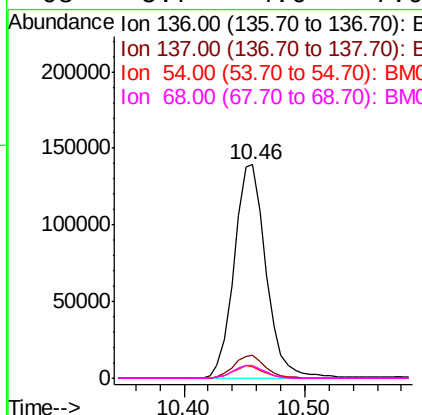
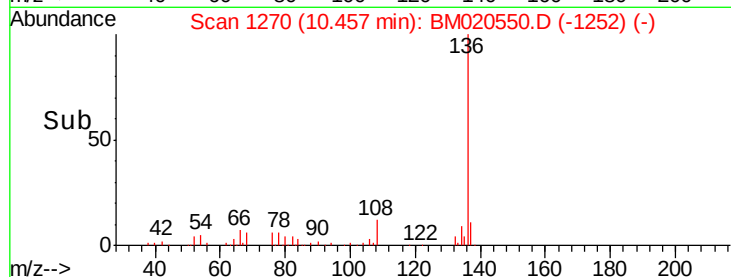
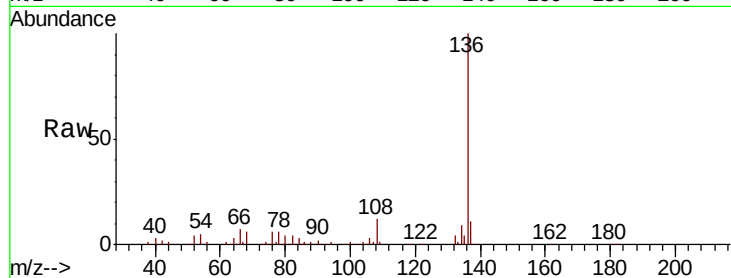
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Resp	Lower	Upper
136	100	257690		
137	10.7		8.4	12.6
54	5.2		4.2	6.4
68	5.7		4.6	7.0

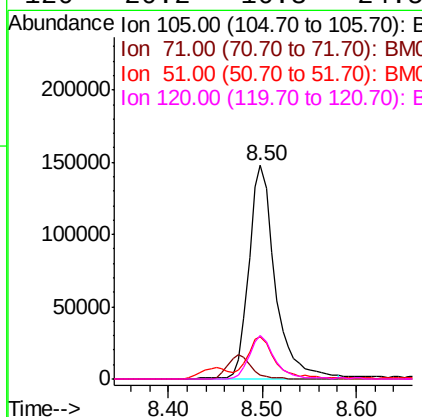
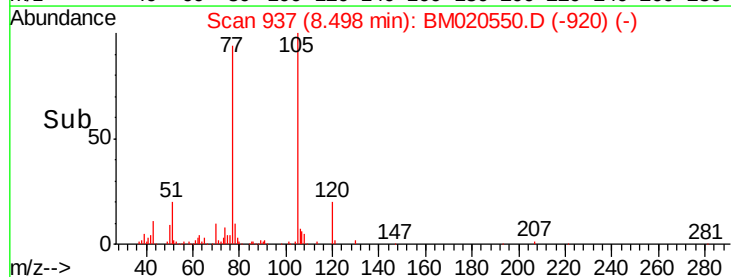
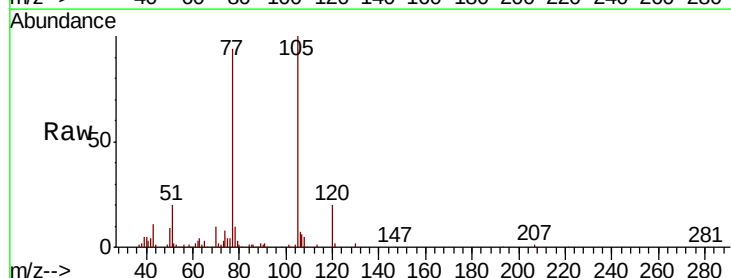
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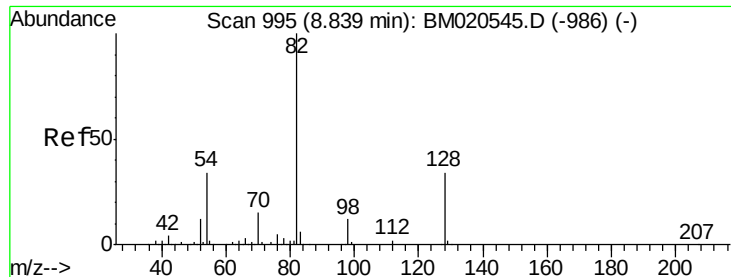
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#22
Acetophenone
Concen: 40.497 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	287368		
71	2.0		1.3	1.9#
51	19.6		15.7	23.5
120	20.2		16.3	24.5





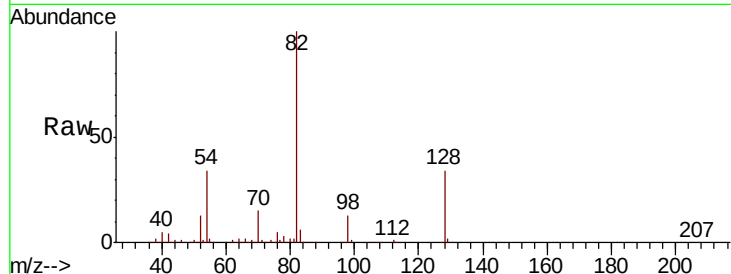
#23
Nitrobenzene-d5
Concen: 81.209 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.5	27.0	40.4	
54	34.1	27.4	41.2	

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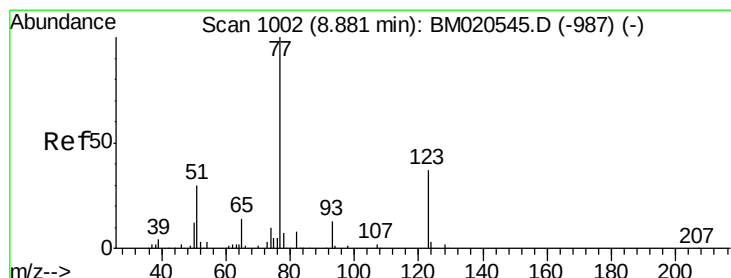
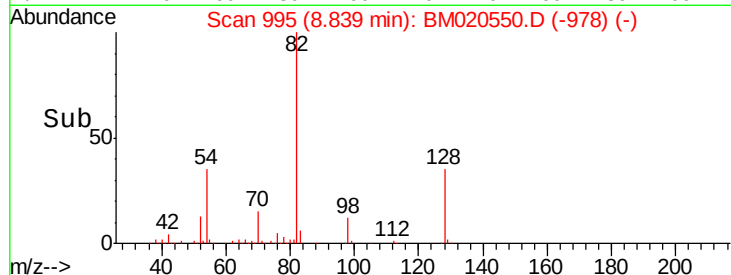
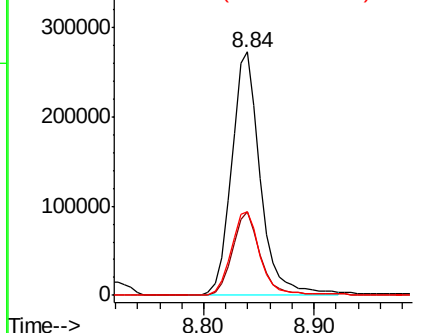


Abundance

Ion 82.00 (81.70 to 82.70): BM020550.D (-978) (-)

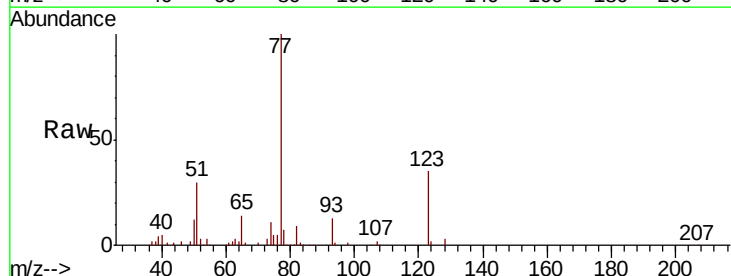
Ion 128.00 (127.70 to 128.70): BM020550.D (-978) (-)

Ion 54.00 (53.70 to 54.70): BM020550.D (-978) (-)



#24
Nitrobenzene
Concen: 40.432 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.9	29.4	44.2	
65	13.8	10.8	16.2	

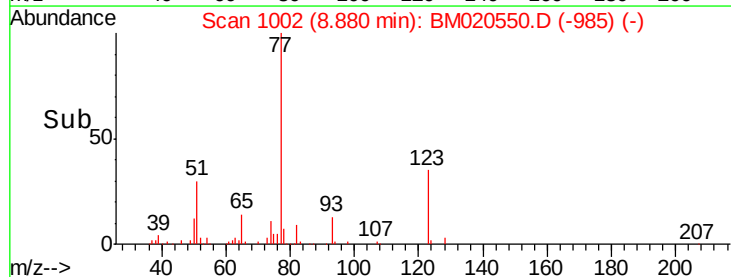
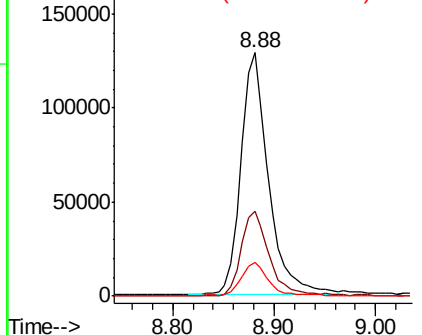


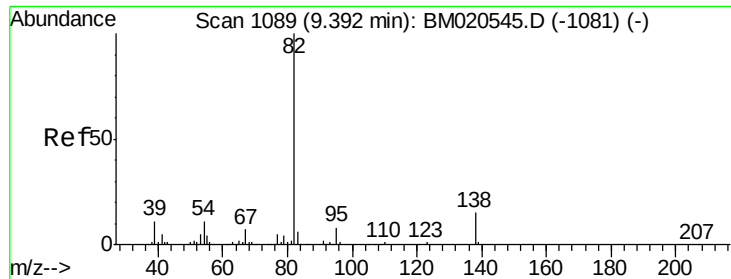
Abundance

Ion 77.00 (76.70 to 77.70): BM020550.D (-985) (-)

Ion 123.00 (122.70 to 123.70): BM020550.D (-985) (-)

Ion 65.00 (64.70 to 65.70): BM020550.D (-985) (-)





#25

Isophorone

Concen: 39.832 ng

RT: 9.40 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

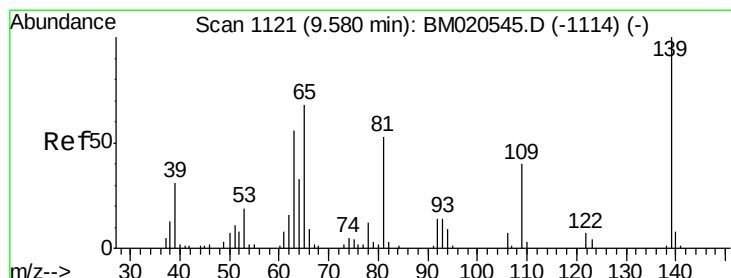
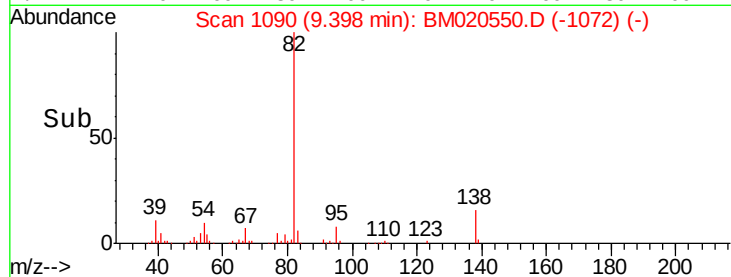
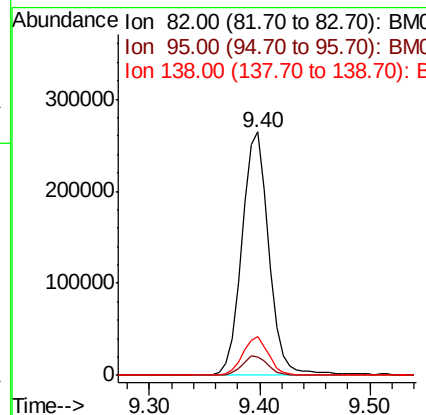
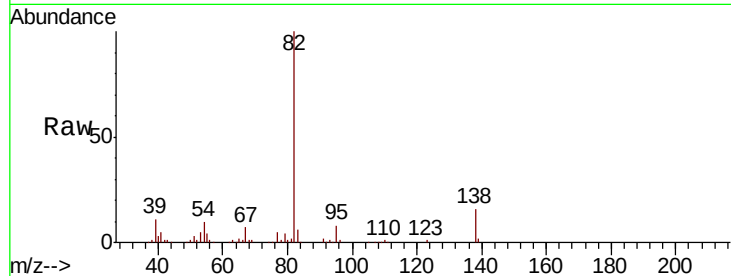
ClientSampleId :

ICVBM052419

Tot Ion:	82	Resp:	455037
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.7	10.1
138	15.7	12.0	18.0

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#26

2-Nitrophenol

Concen: 40.589 ng

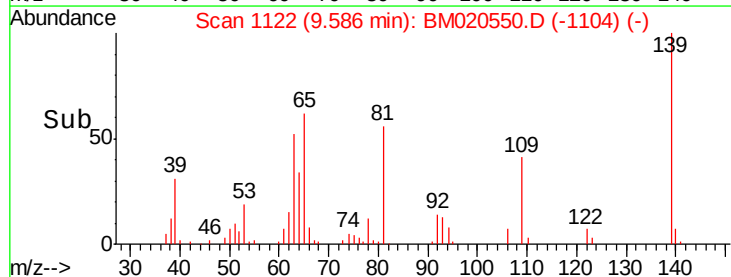
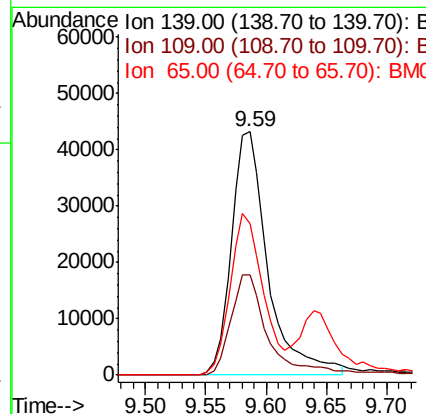
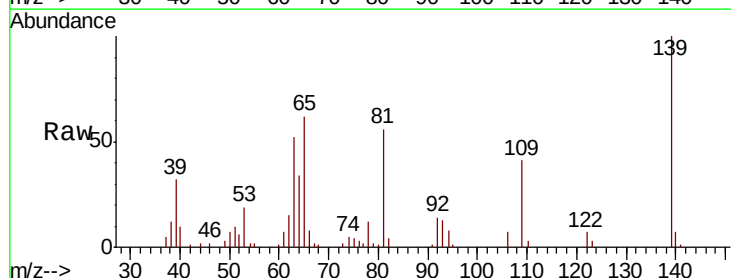
RT: 9.59 min Scan# 1122

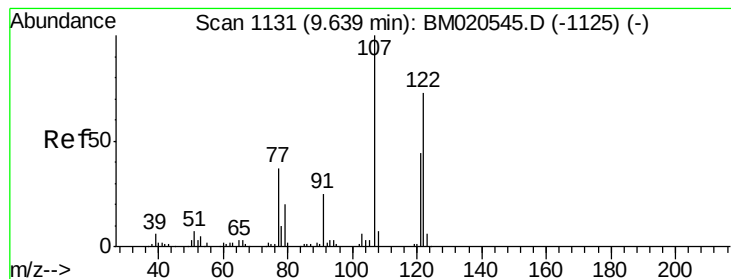
Delta R.T. 0.01 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion:	139	Resp:	90807
Ion Ratio	Lower	Upper	
139	100		
109	41.1	32.3	48.5
65	62.5	54.4	81.6





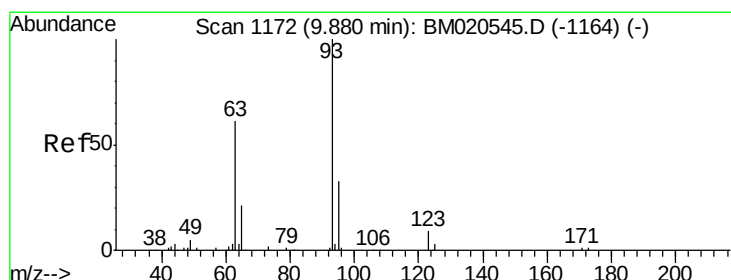
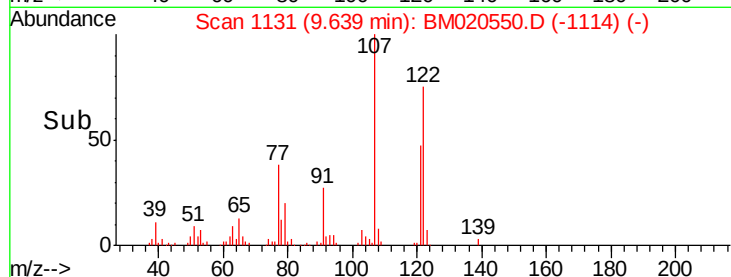
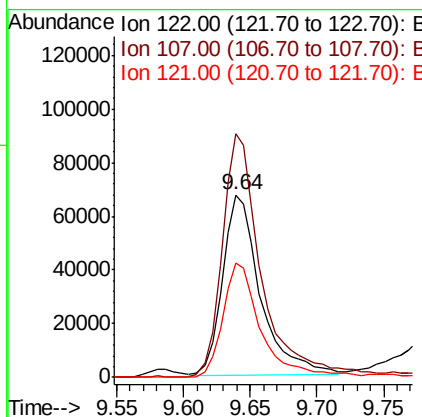
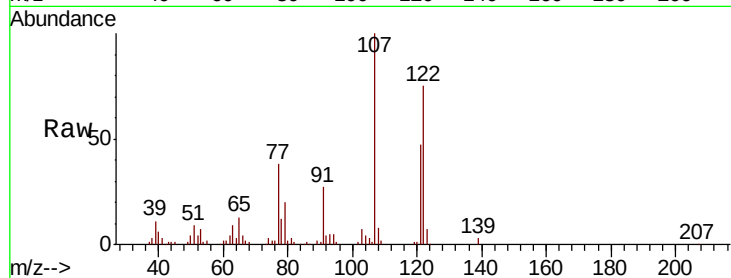
#27
2,4-Dimethylphenol
Concen: 39.932 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.2	108.2	162.2
121	62.4	47.4	71.0

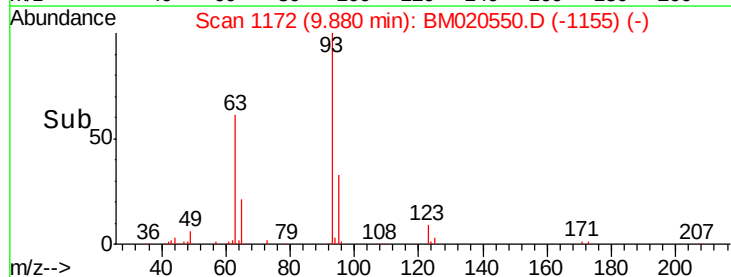
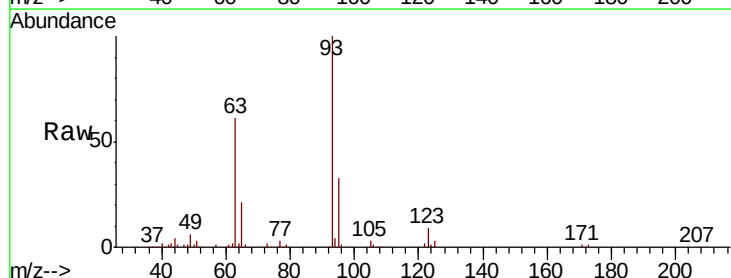
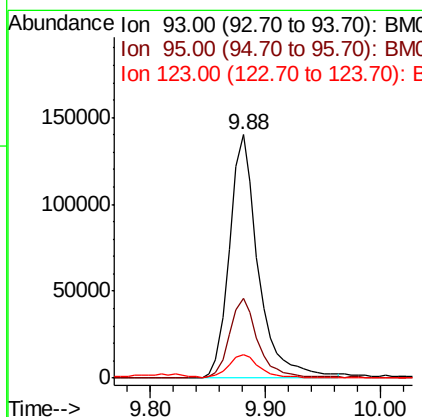
Manual Integrations
APPROVED

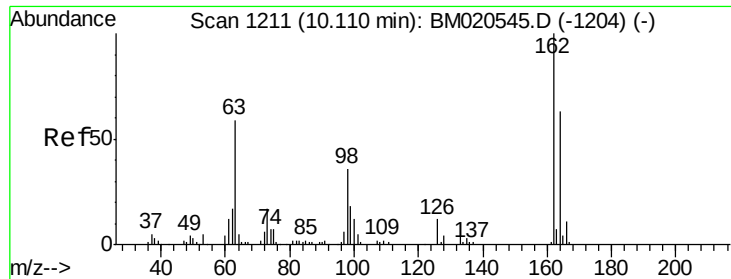
mohammad
5/27/2019 3:59:59 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.833 ng
RT: 9.88 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	9.4	8.1	12.1





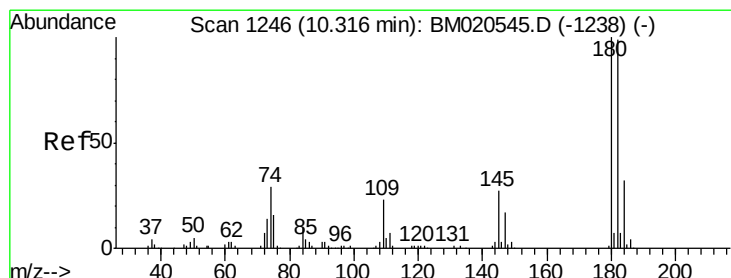
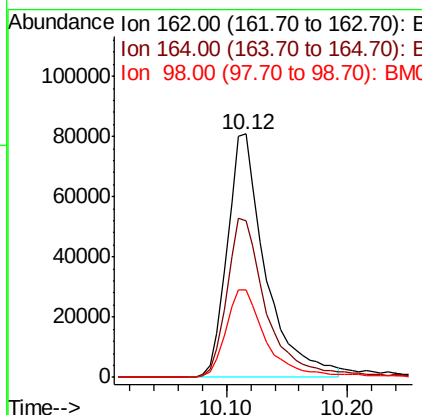
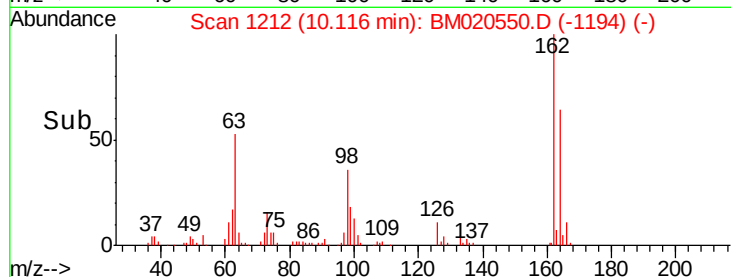
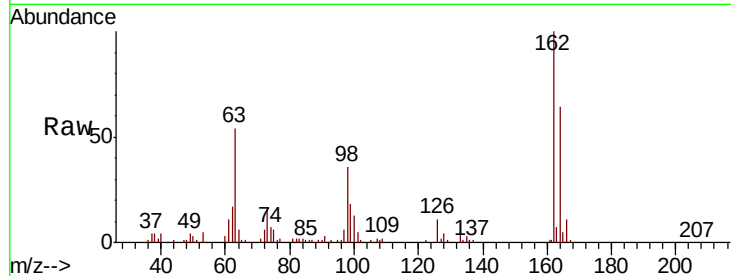
#29
2,4-Dichlorophenol
Concen: 40.100 ng
RT: 10.12 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampled :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.1	83.1
98	35.8	16.2	56.2

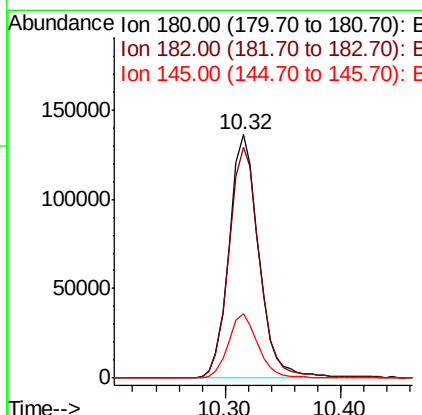
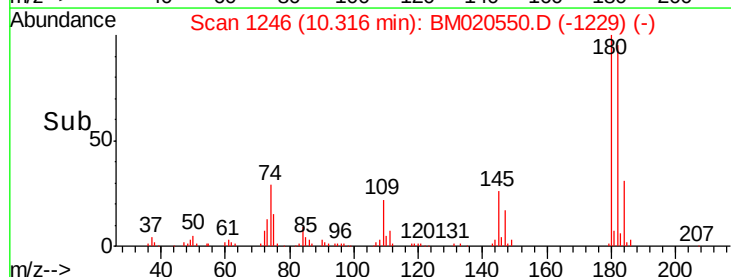
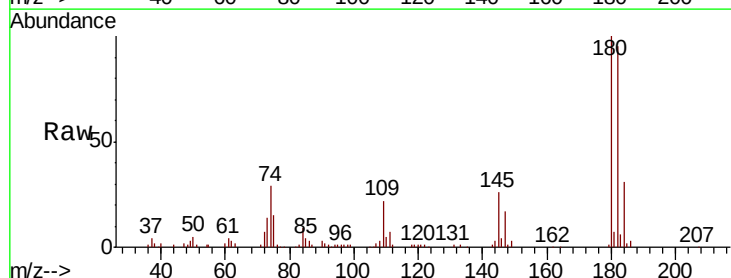
Manual Integrations
APPROVED

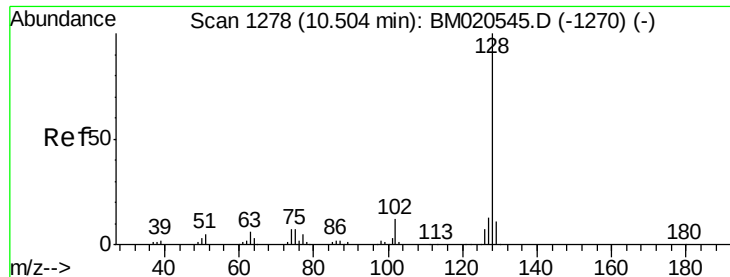
mohammad
5/27/2019 3:59:59 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.146 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.8	118.2
145	26.4	21.3	31.9





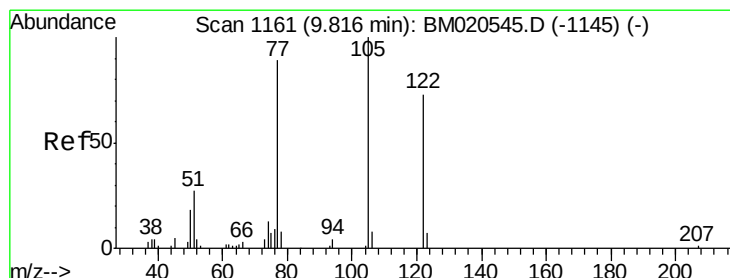
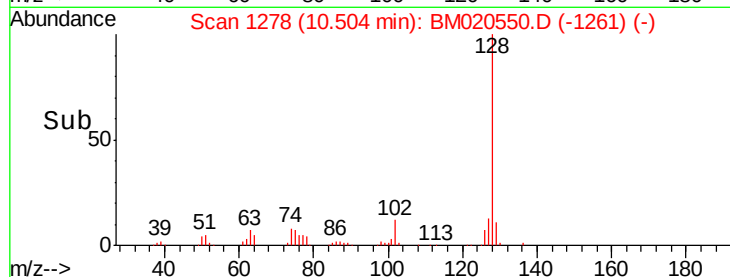
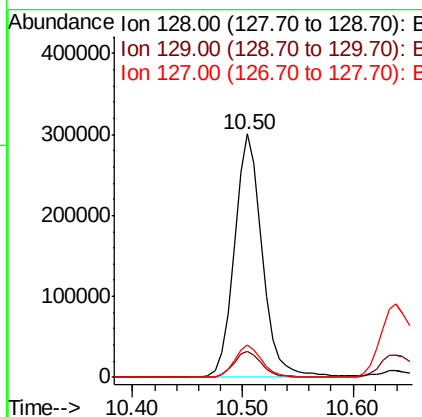
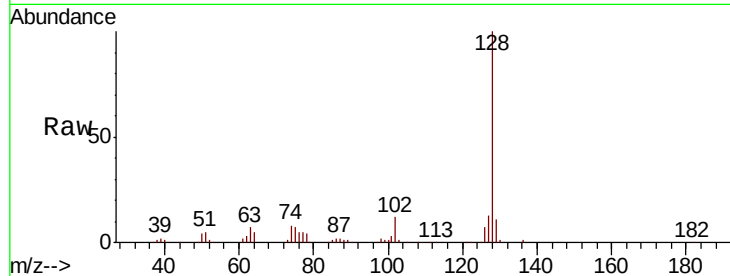
#31
Naphthalene
Concen: 39.907 ng
RT: 10.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Resp	Lower	Upper
128	100	530983		
129	10.9		9.0	13.6
127	13.1		10.4	15.6

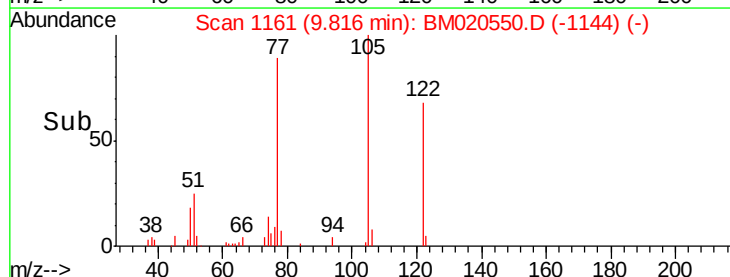
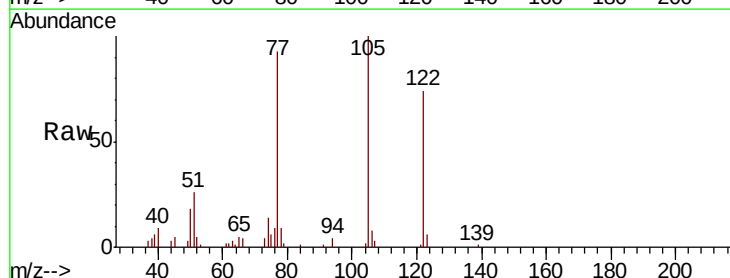
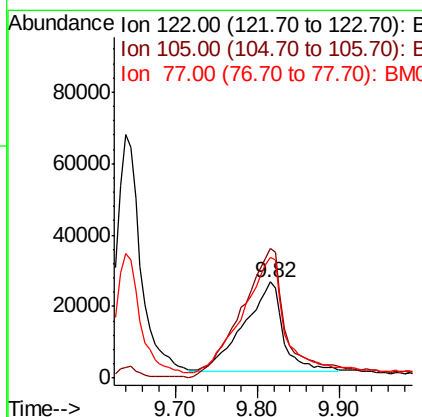
Manual Integrations
APPROVED

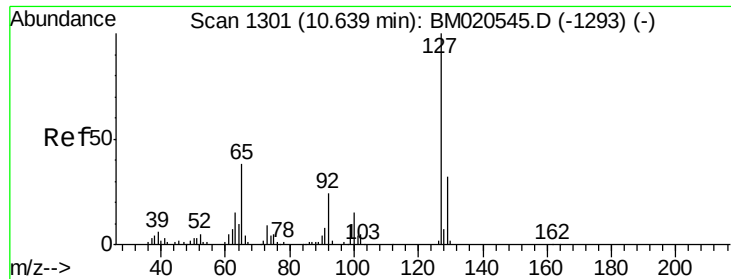
mohammad
5/27/2019 3:59:59 AM



#32
Benzoic acid
Concen: 39.186 ng m
RT: 9.82 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	81907		
105	135.1		108.8	148.8
77	126.3		97.8	137.8





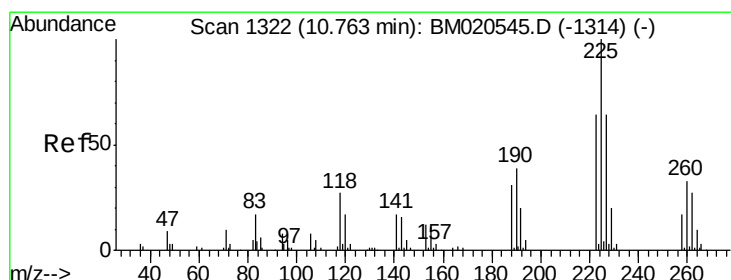
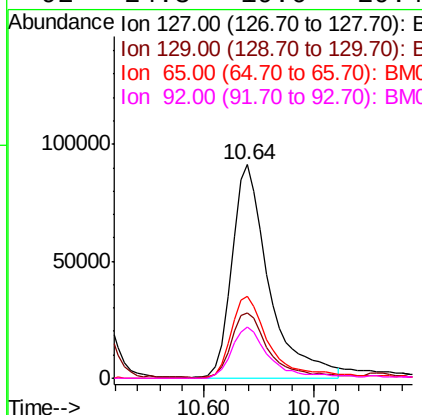
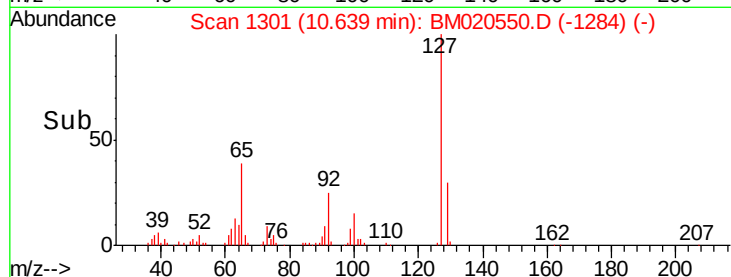
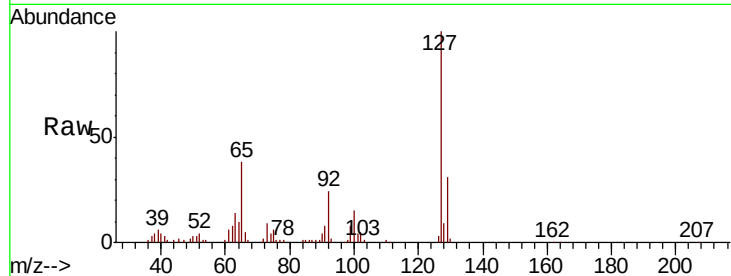
#33
4-Chloroaniline
Concen: 40.569 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampled :
ICVBM052419

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.8	25.4	38.2		
65	38.3	30.6	45.8		
92	24.3	19.6	29.4		

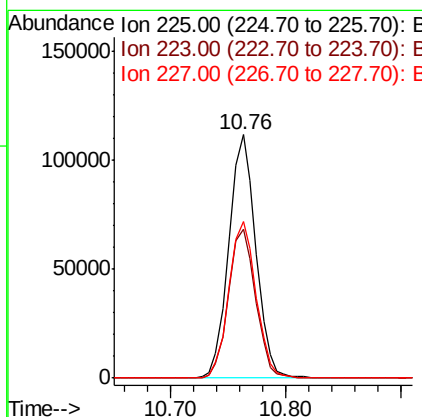
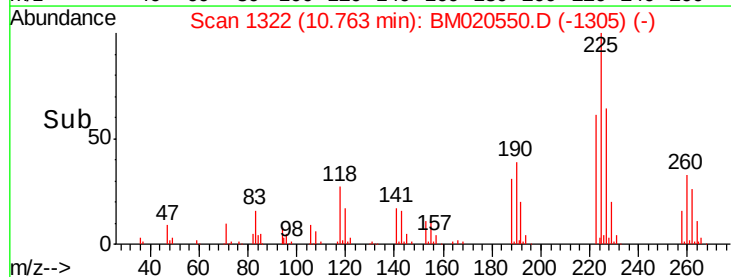
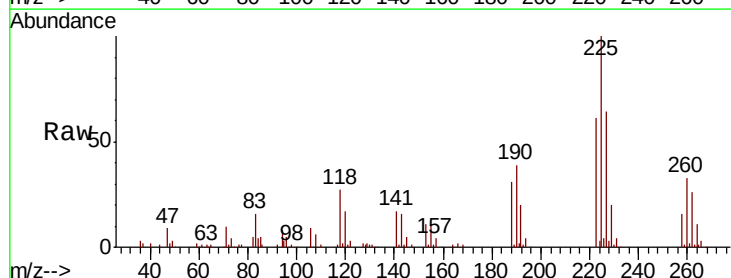
Manual Integrations
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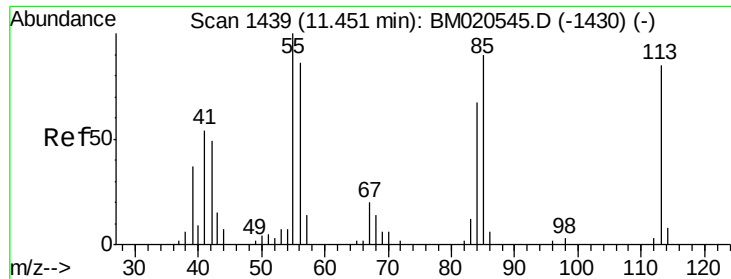
mohammad
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#34
Hexachlorobutadiene
Concen: 40.203 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	51.4	77.0		
227	64.3	51.0	76.6		





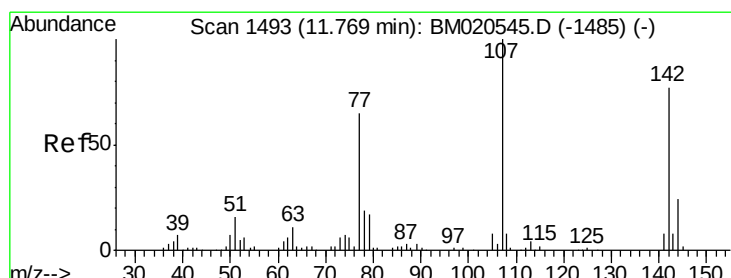
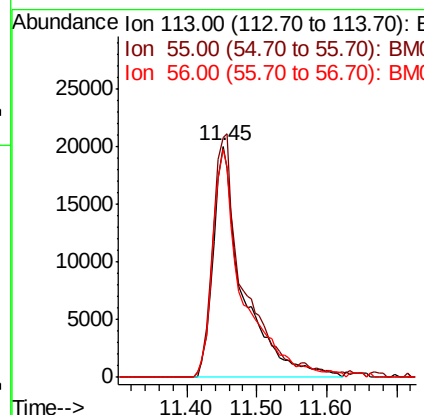
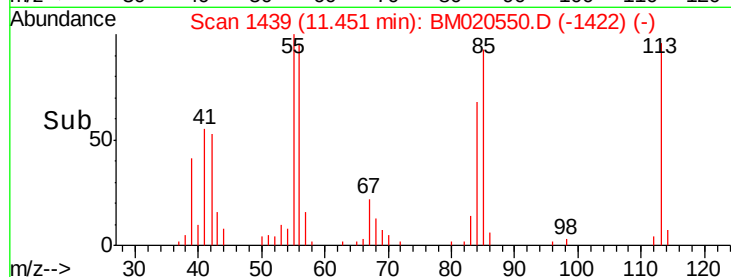
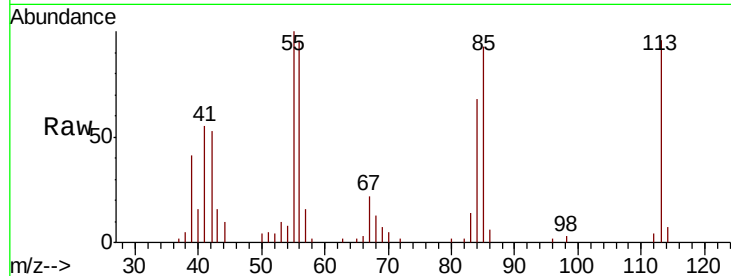
#35
Caprolactam
Concen: 40.264 ng/ml
RT: 11.45 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
113	100		
55	103.7	97.6	137.6
56	98.5	81.6	121.6

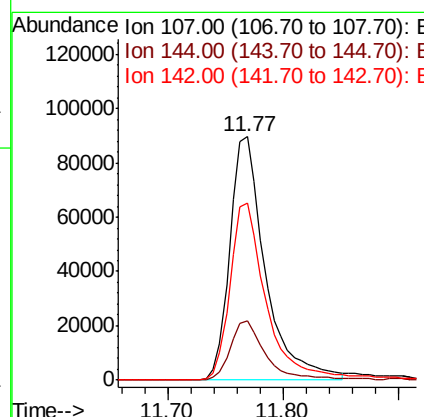
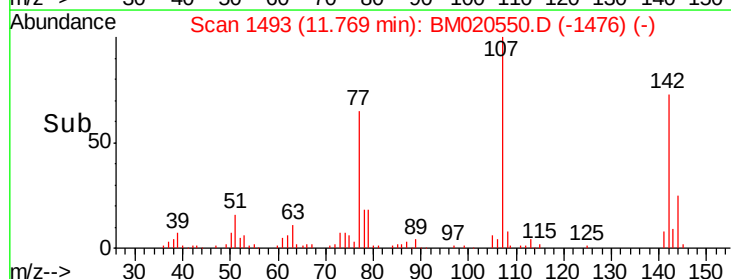
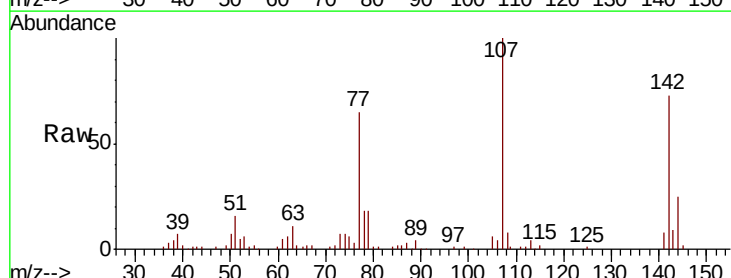
Manual Integrations
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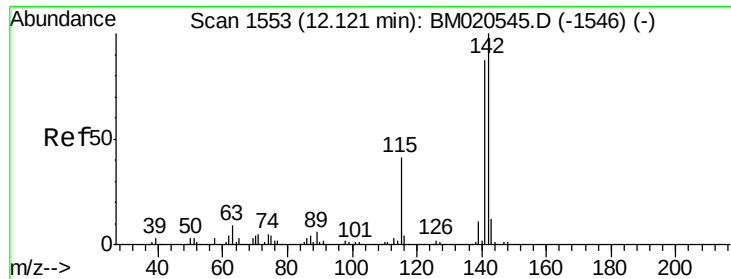
mohammad
5/27/2019 3:59:59 AM



#36
4-Chloro-3-methylphenol
Concen: 39.817 ng/ml
RT: 11.77 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.0	28.6
142	72.7	61.3	91.9





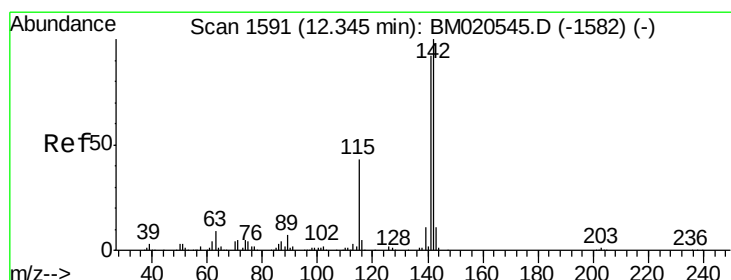
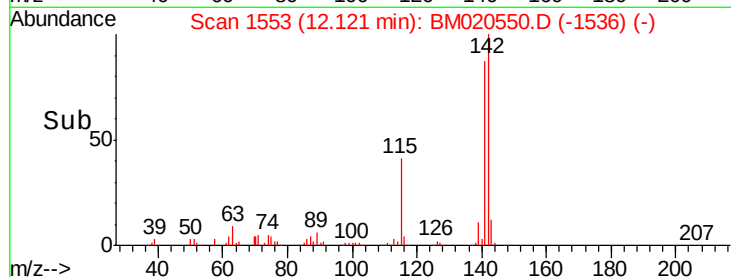
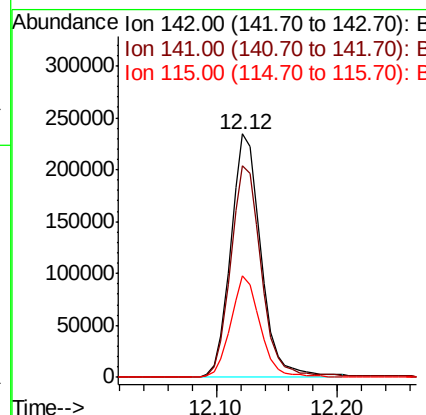
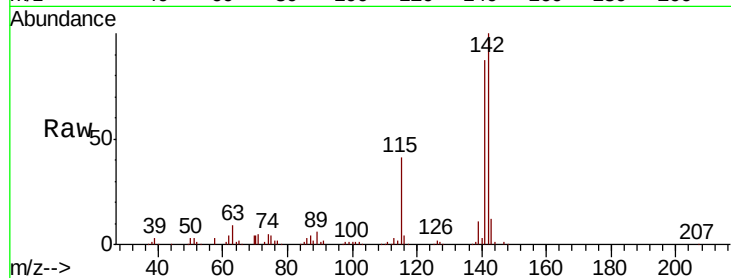
#37
2-Methylnaphthalene
Concen: 40.146 ng
RT: 12.12 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.9	104.9
115	41.5	32.9	49.3

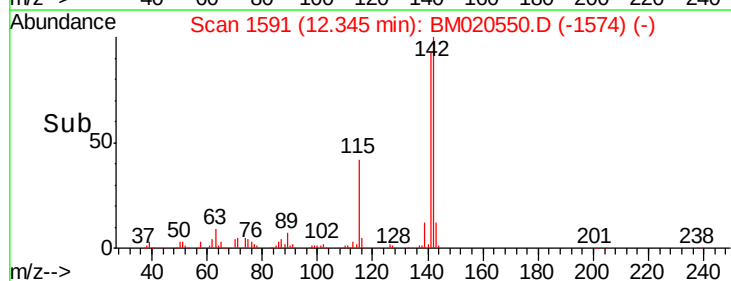
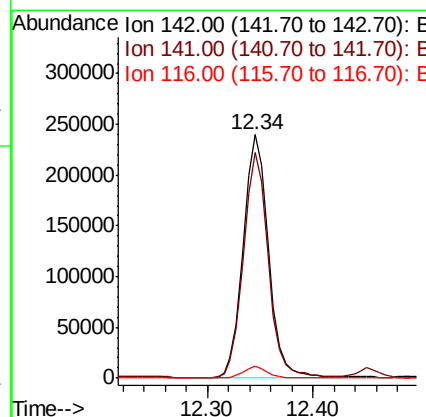
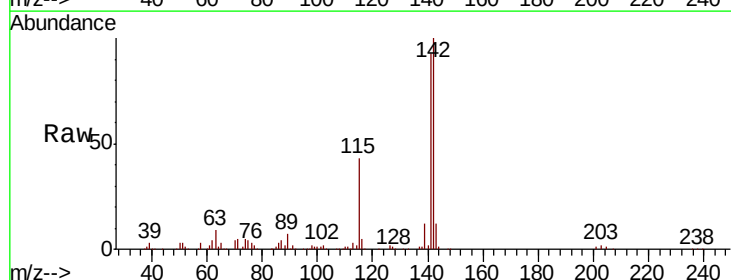
Manual Integrations
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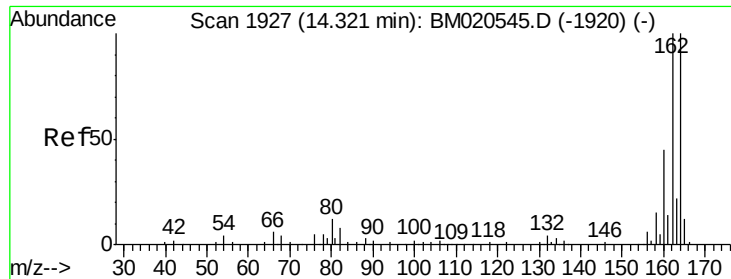
mohammad
5/27/2019 3:59:59 AM



#38
1-Methylnaphthalene
Concen: 40.034 ng
RT: 12.34 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.7	110.5
116	4.6	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

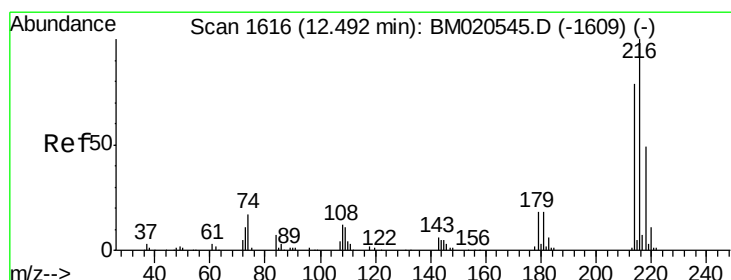
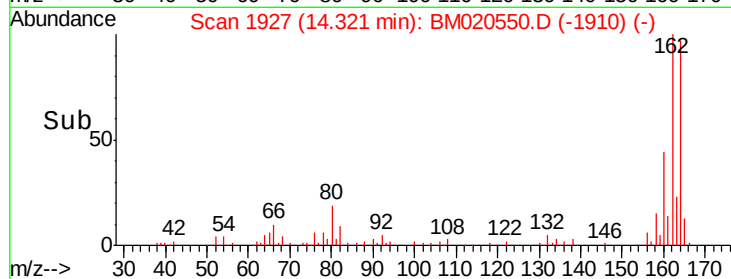
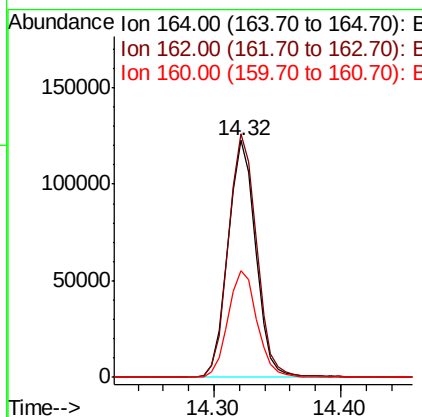
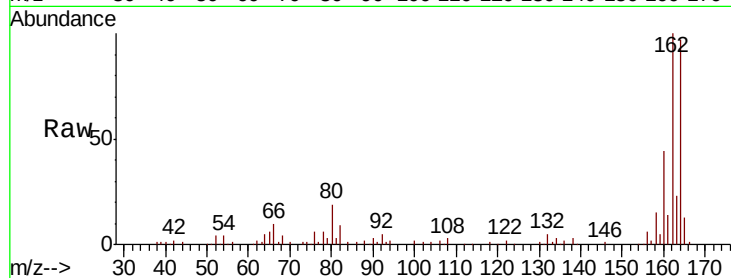
ClientSampleId :

ICVBM052419

Tot Ion:	164	Resp:	186150
Ion Ratio	Lower	Upper	
164	100		
162	102.7	79.8	119.8
160	44.8	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.671 ng

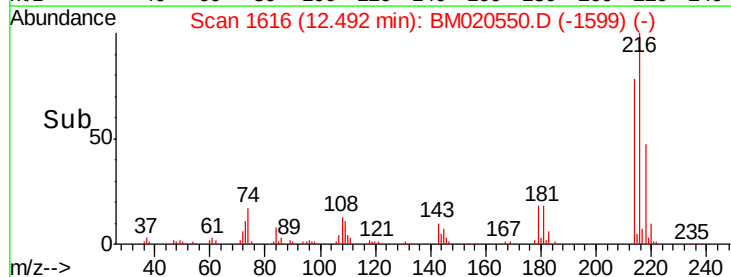
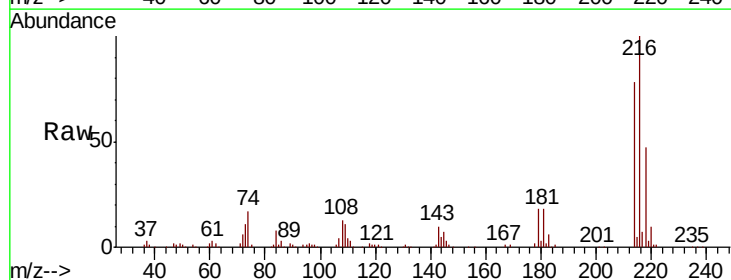
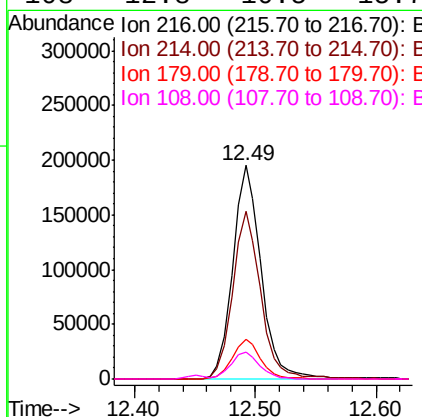
RT: 12.49 min Scan# 1616

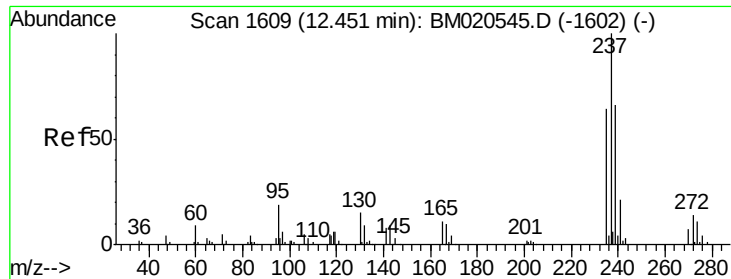
Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion:	216	Resp:	318260
Ion Ratio	Lower	Upper	
216	100		
214	77.7	63.0	94.6
179	18.6	14.8	22.2
108	12.8	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 40.755 ng

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

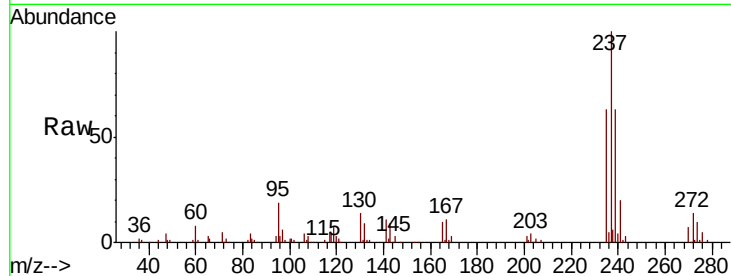
ClientSampleId :

ICVBM052419

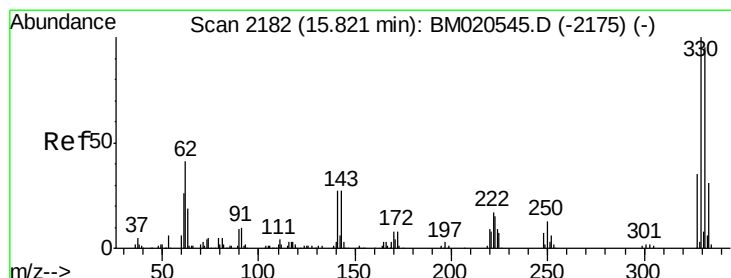
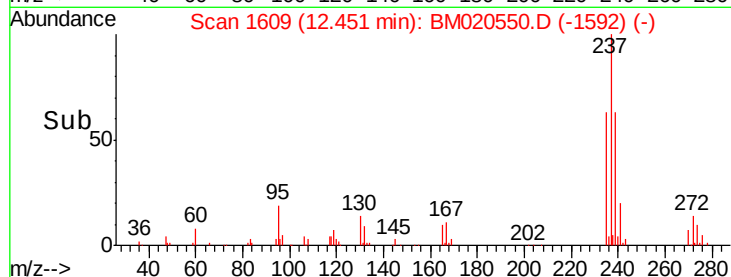
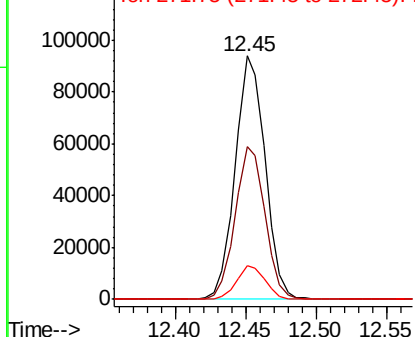
Tot Ion:	237	Resp:	138862
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.5	83.5
272	14.0	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 80.097 ng

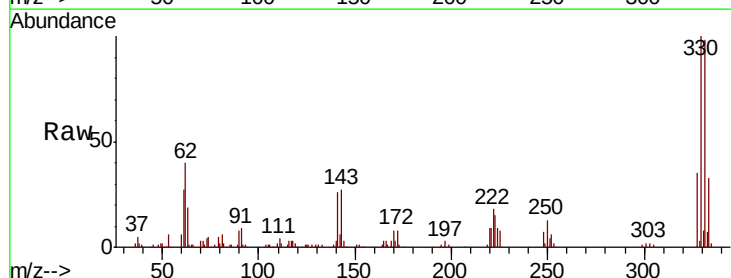
RT: 15.82 min Scan# 2182

Delta R.T. -0.00 min

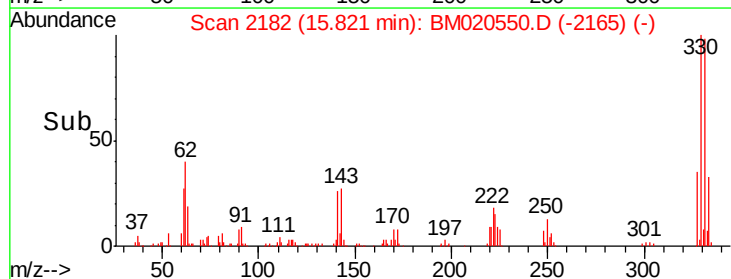
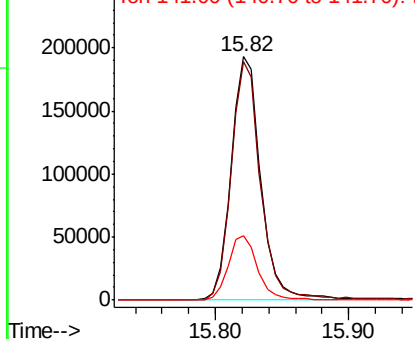
Lab File: BM020550.D

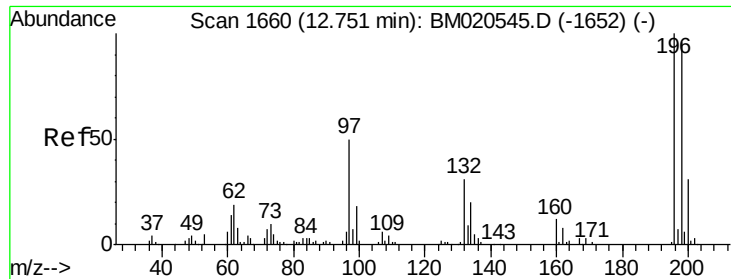
Acq: 24 May 2019 16:13

Tgt Ion:	330	Resp:	298718
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.5	116.3
141	26.7	21.7	32.5



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





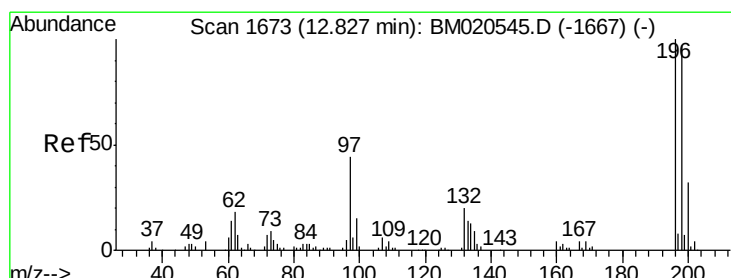
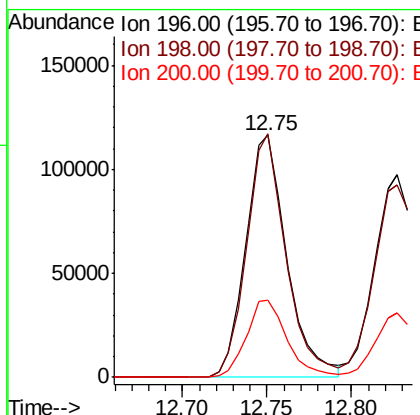
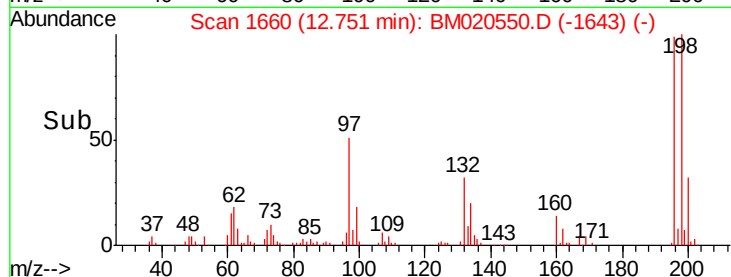
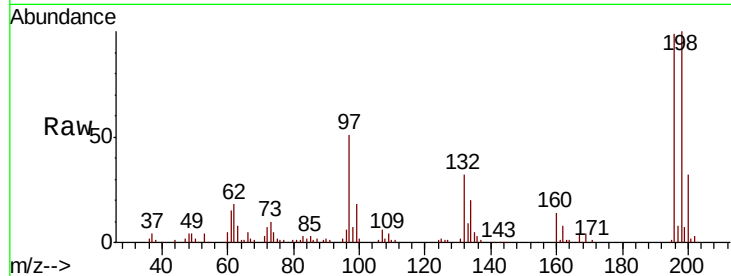
#43
 2,4,6-Trichlorophenol
 Concen: 40.574 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052419

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196484		
198	100.7	76.4	114.6	
200	31.9	25.0	37.4	

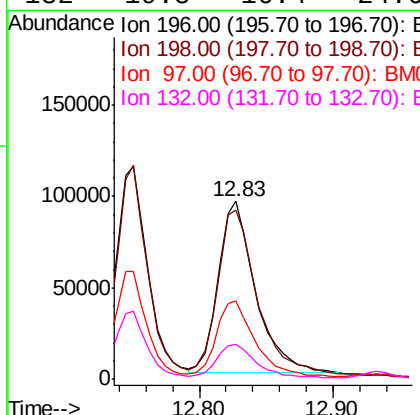
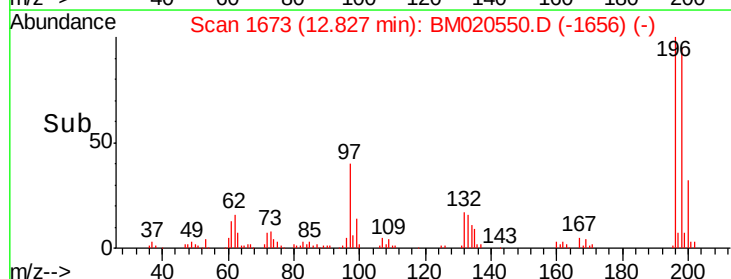
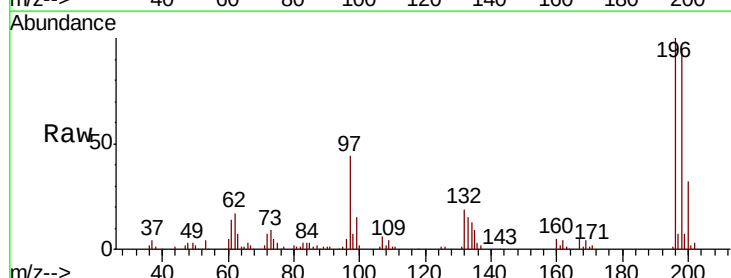
Manual Integrations
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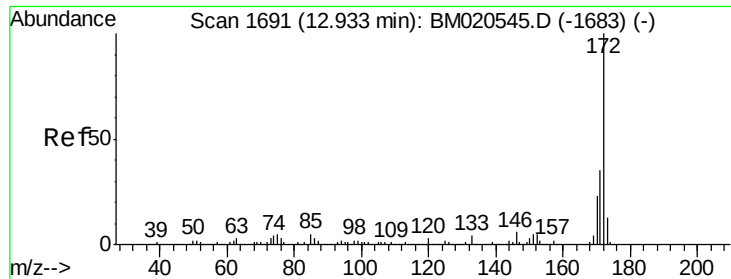
mohammad
 5/27/2019 3:59:59 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.386 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182631		
198	95.0	77.6	116.4	
97	43.9	35.4	53.0	
132	19.5	16.4	24.6	





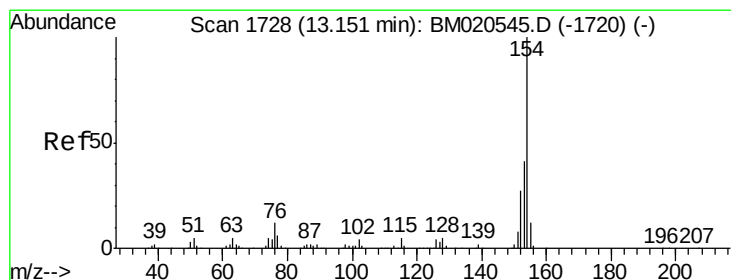
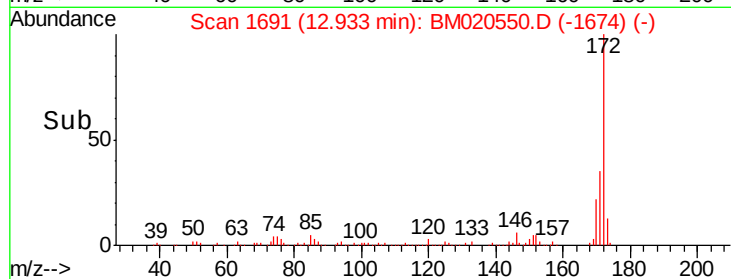
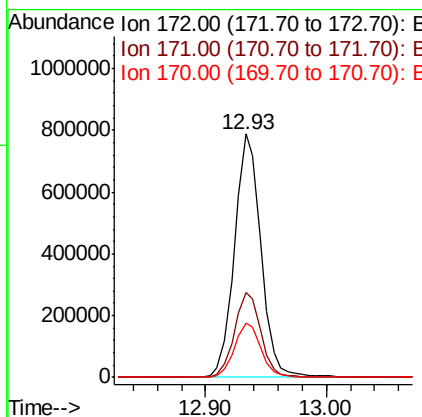
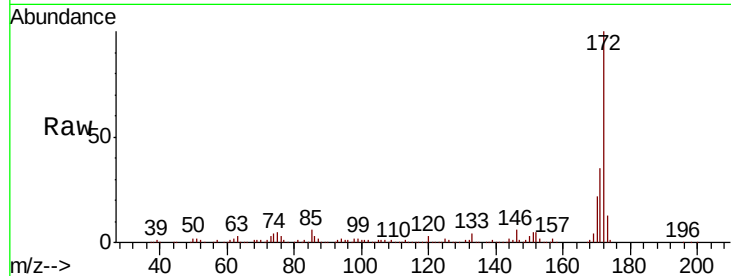
#45
2-Fluorobiphenyl
Concen: 80.978 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	22.2	18.2	27.4

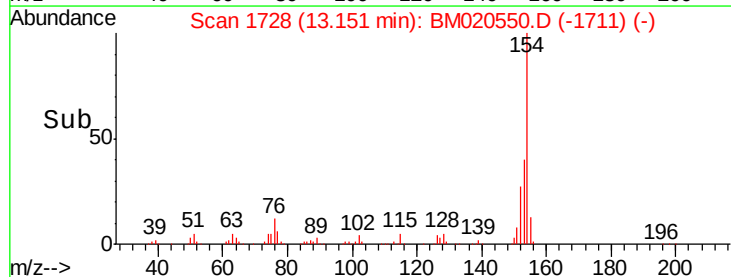
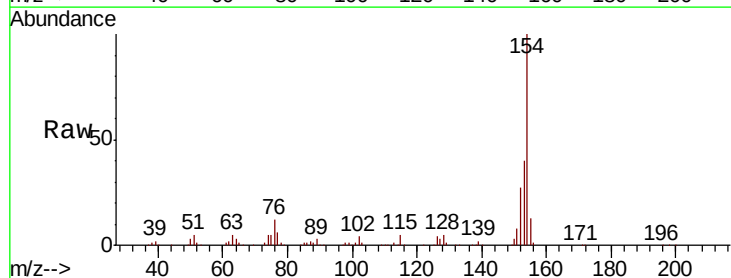
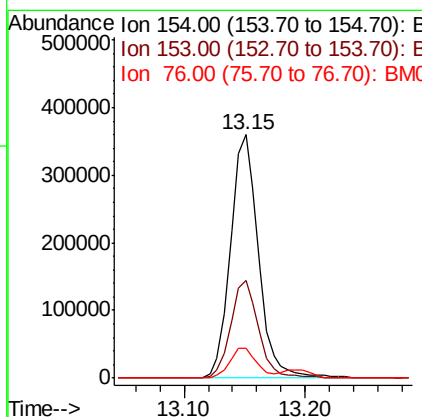
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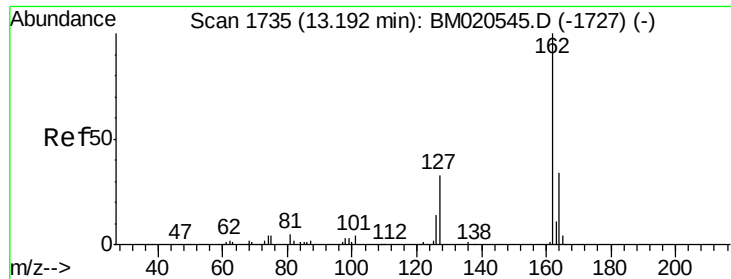
mohammad
5/27/2019 3:59:59 AM



#46
1,1'-Biphenyl
Concen: 40.568 ng
RT: 13.15 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	12.2	0.0	32.2





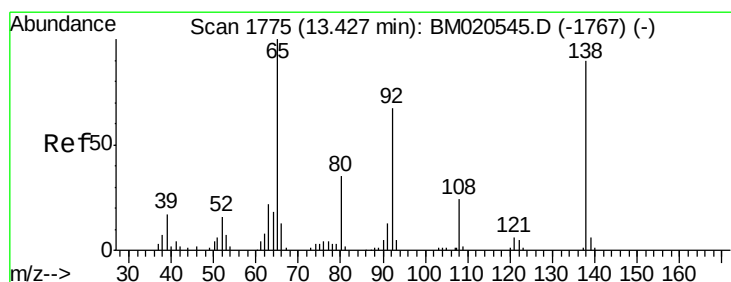
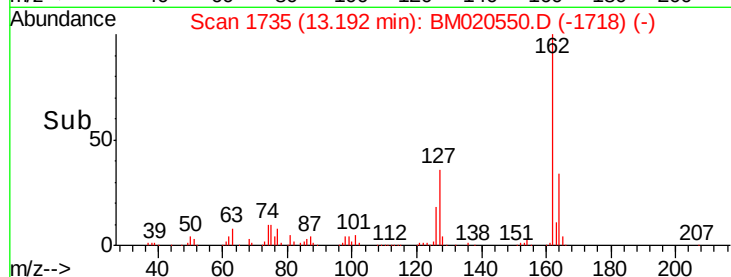
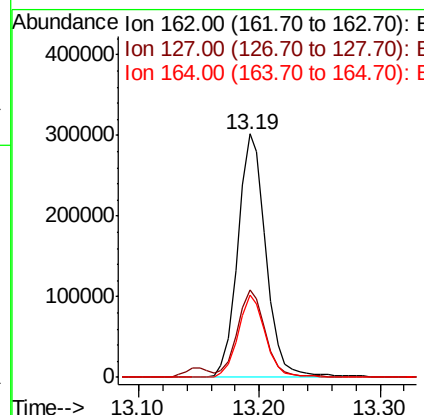
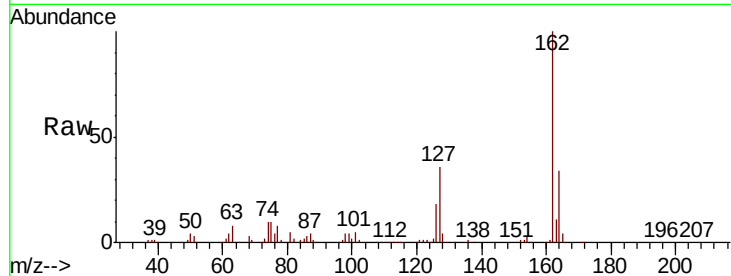
#47
2-Chloronaphthalene
Concen: 40.266 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	29.2	43.8
164	34.0	27.4	41.2

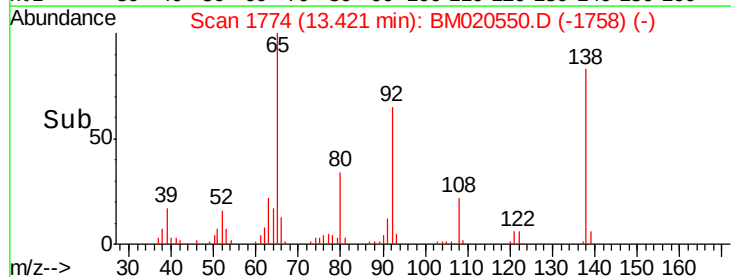
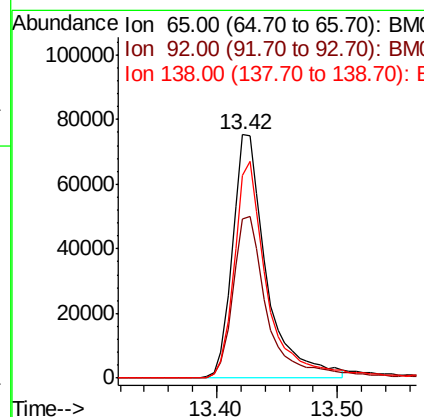
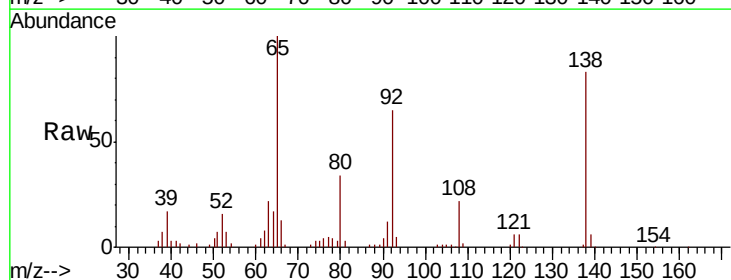
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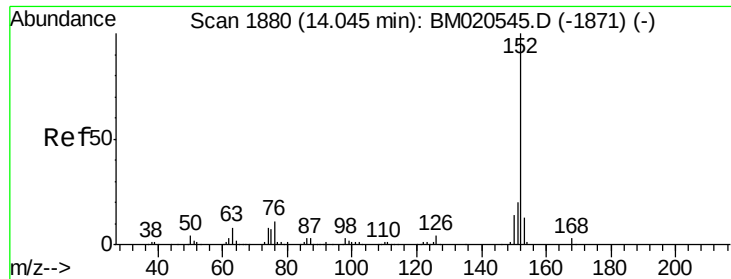
mohammad
5/27/2019 3:59:59 AM



#48
2-Nitroaniline
Concen: 39.773 ng
RT: 13.42 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.6	80.4
138	83.2	72.0	108.0





#49

Acenaphthylene

Concen: 40.236 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

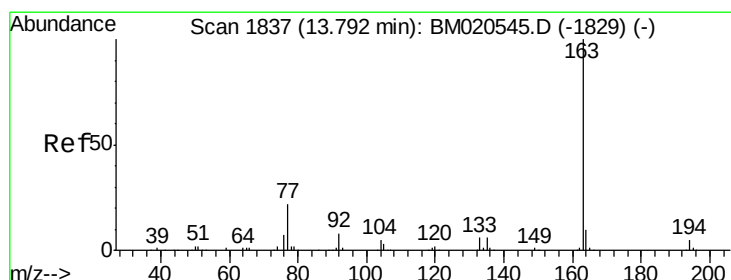
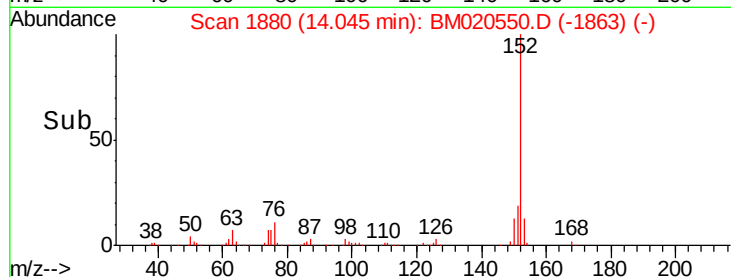
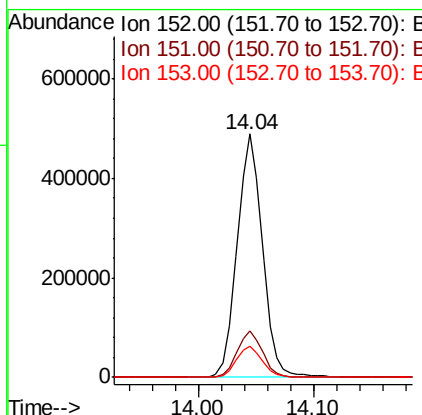
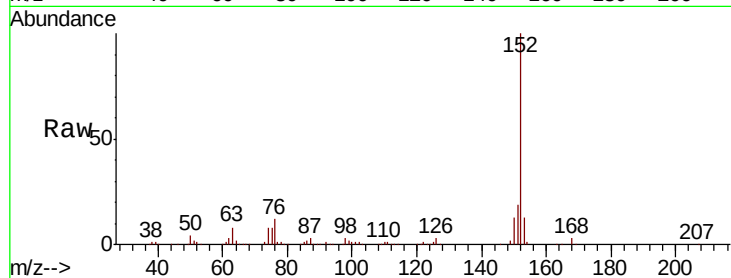
ClientSampleId :

ICVBM052419

Tot Ion:	152	Resp:	743647
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.7	23.5
153	12.9	10.2	15.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.120 ng

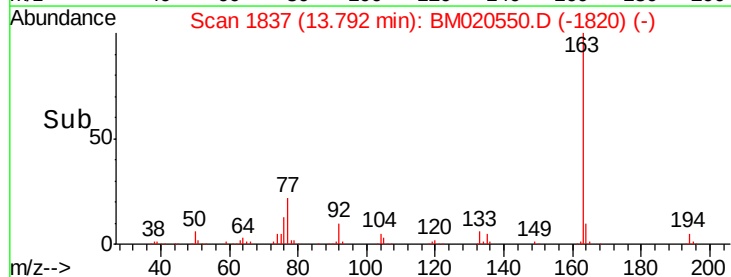
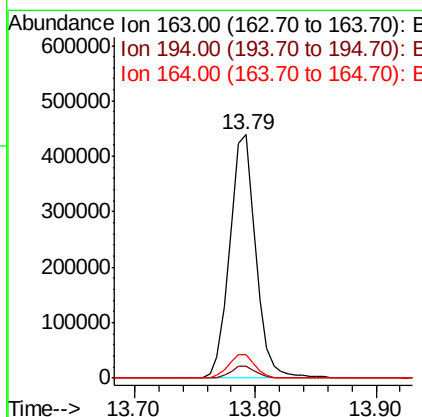
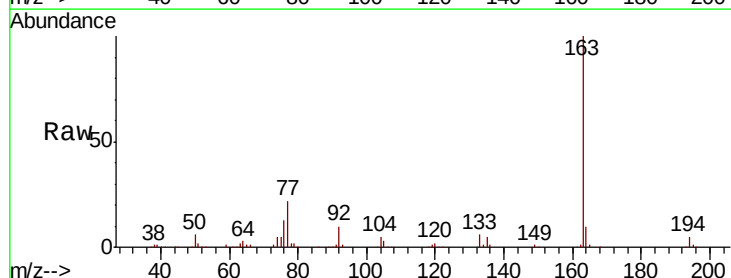
RT: 13.79 min Scan# 1837

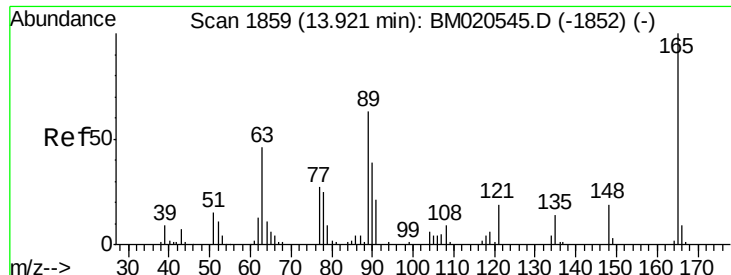
Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion:	163	Resp:	661509
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	9.9	8.0	12.0





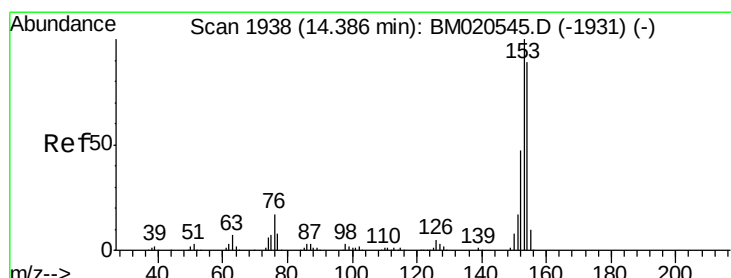
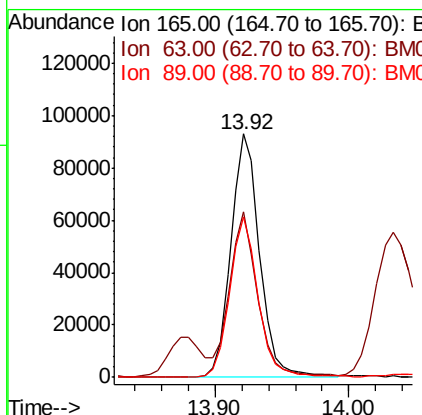
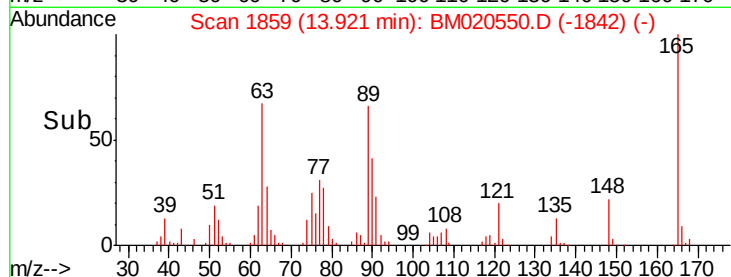
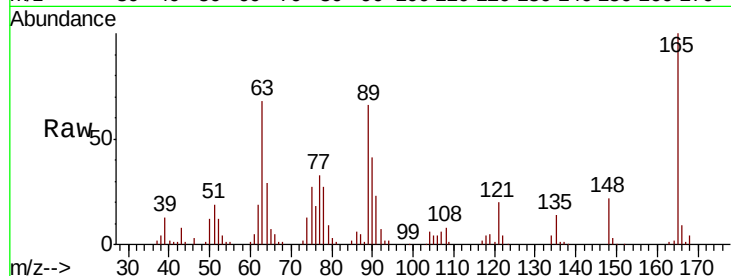
#51
2,6-Dinitrotoluene
Concen: 40.753 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Resp	Lower	Upper
165	100	140050		
63	68.0	49.6	74.4	
89	66.1	50.8	76.2	

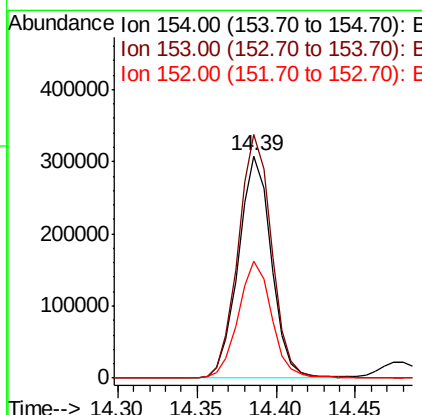
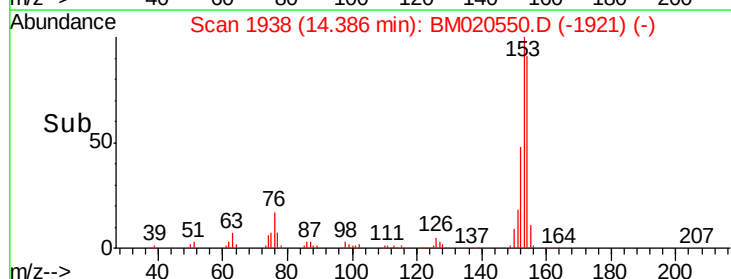
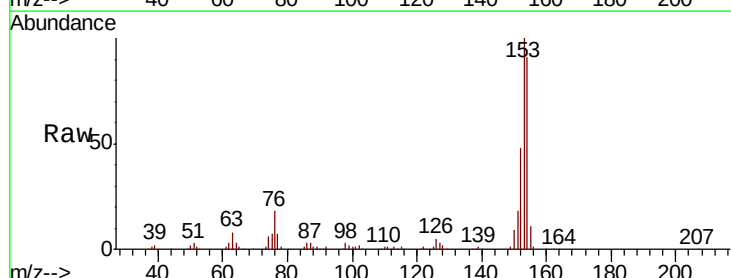
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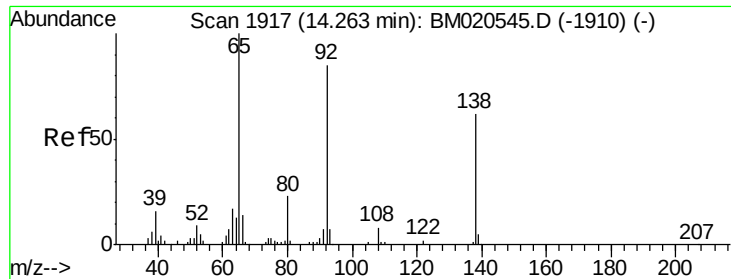
mohammad
5/27/2019 3:59:59 AM



#52
Acenaphthene
Concen: 40.085 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	446453		
153	109.6	90.2	135.4	
152	52.8	42.0	63.0	





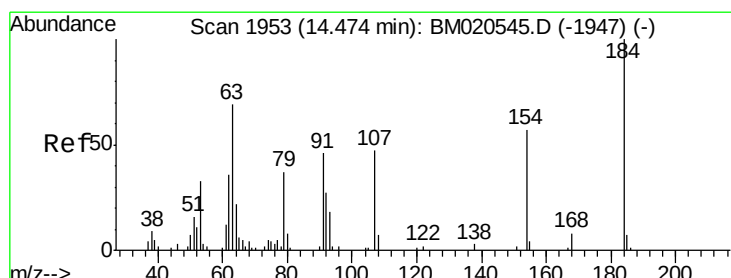
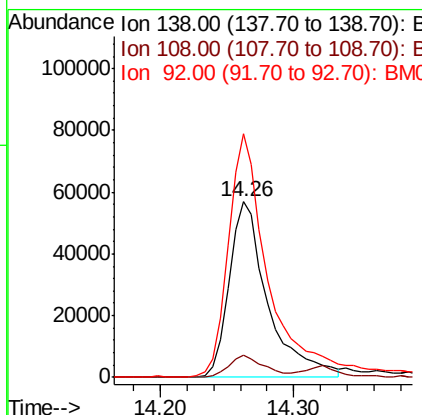
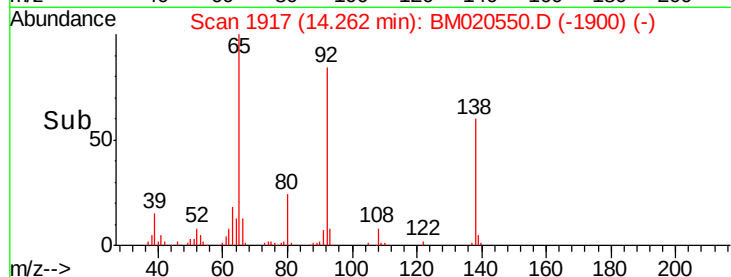
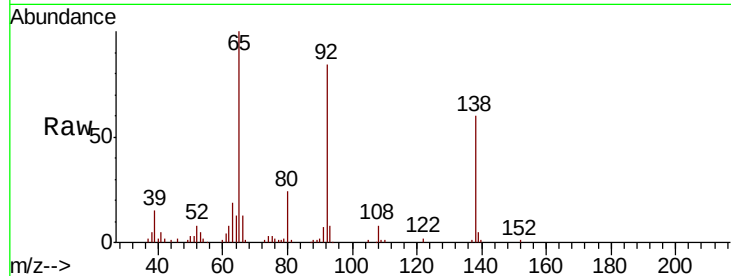
#53
3-Nitroaniline
Concen: 38.837 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampled :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.1	15.1
92	138.9	109.5	164.3

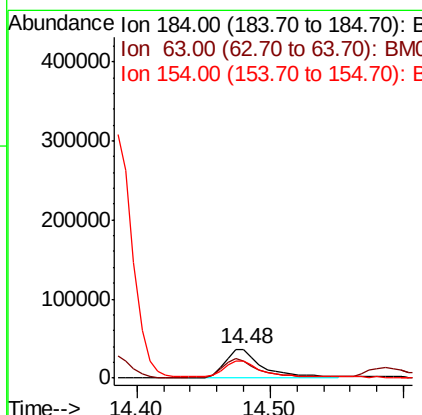
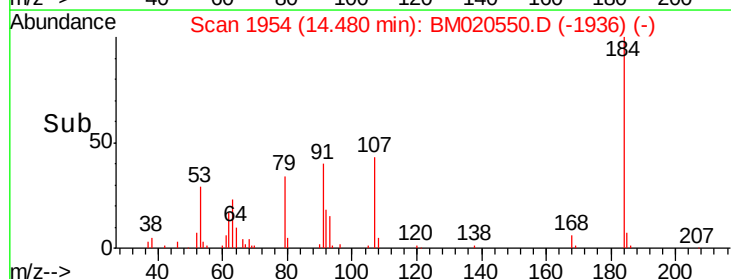
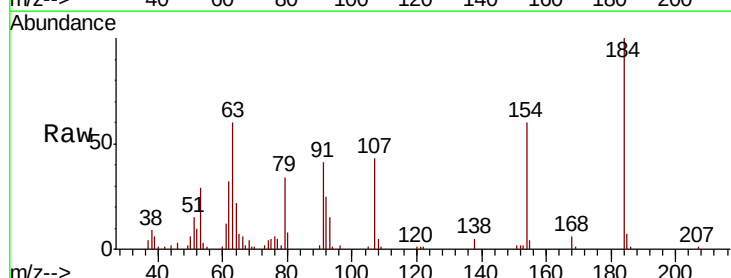
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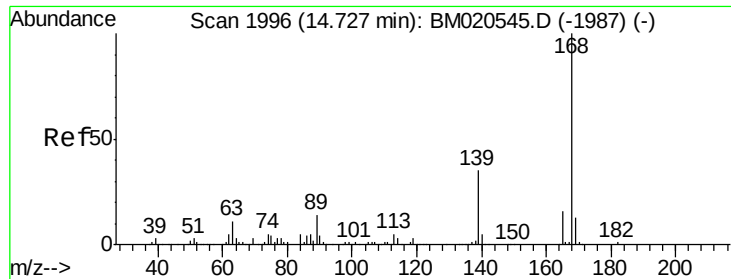
mohammad
5/27/2019 3:59:59 AM



#54
2,4-Dinitrophenol
Concen: 39.307 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	56.3	84.5
154	60.4	49.0	73.6





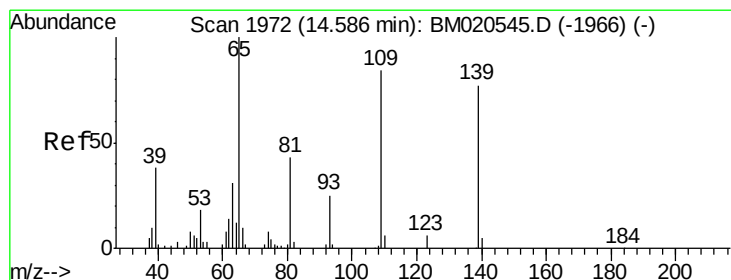
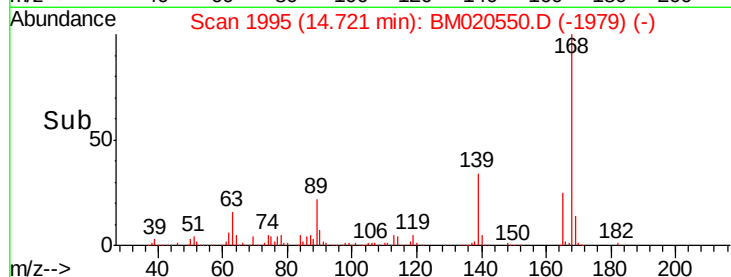
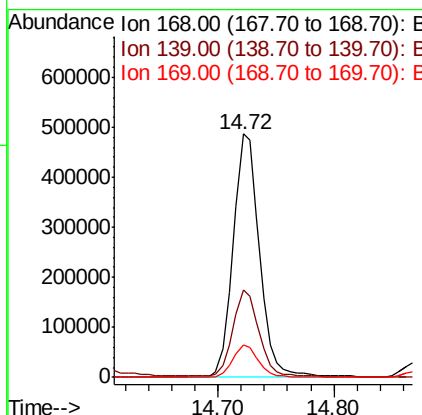
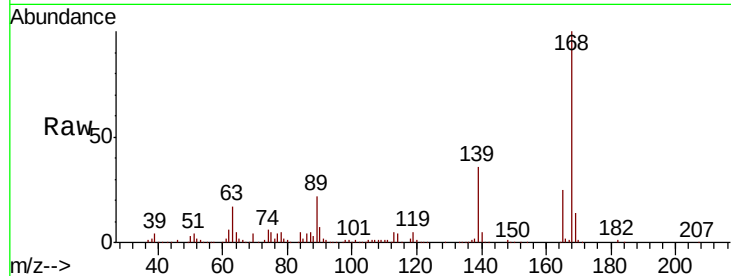
#55
Dibenzofuran
Concen: 39.885 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.2	42.4
169	13.6	10.6	16.0

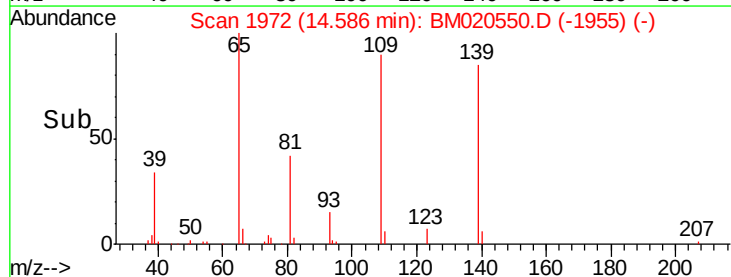
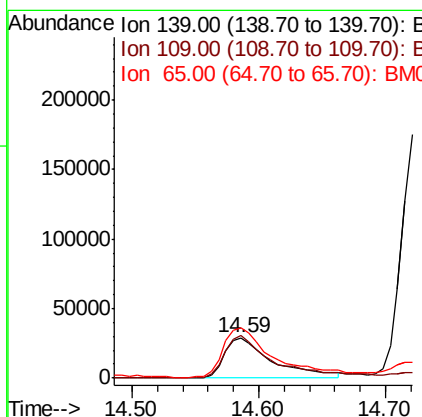
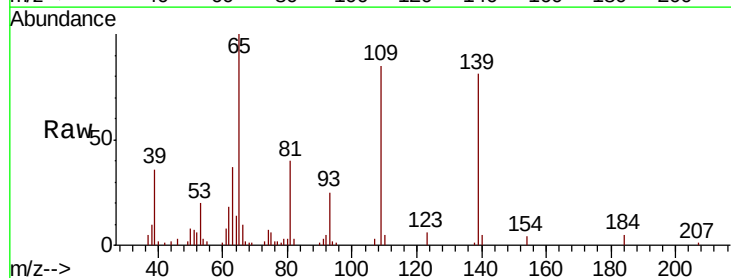
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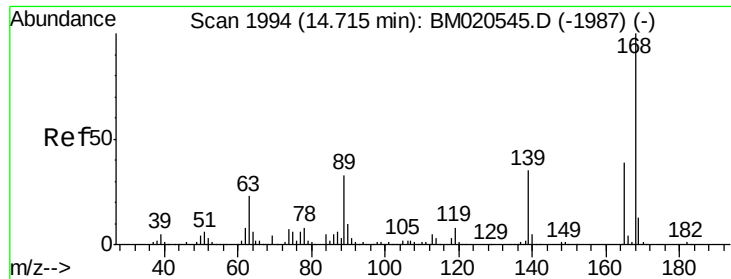
mohammad
5/27/2019 3:59:59 AM



#56
4-Nitrophenol
Concen: 38.805 ng
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.1	89.4	129.4
65	124.1	113.3	153.3





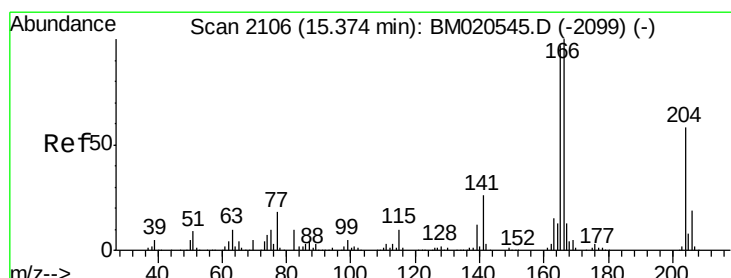
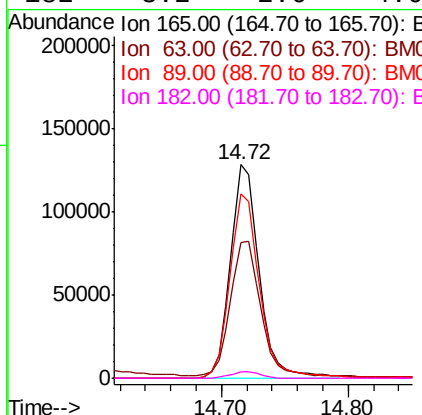
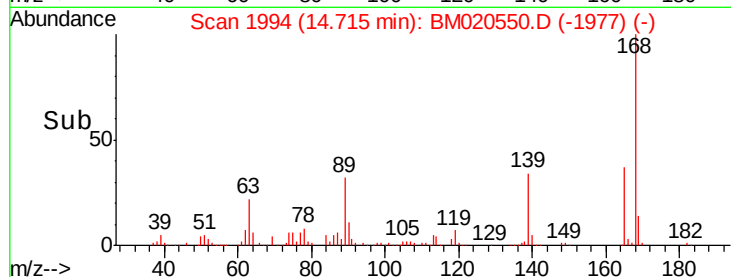
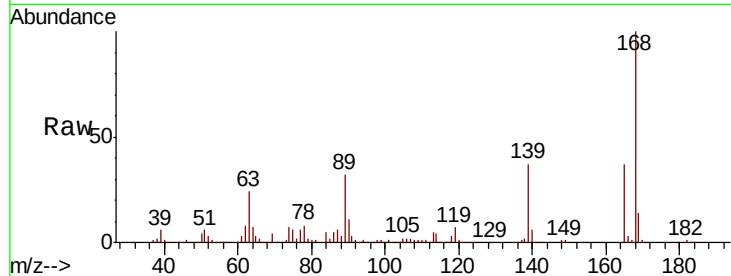
#57
2,4-Dinitrotoluene
Concen: 40.499 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200979		
63	63.5	48.7	73.1	
89	86.0	68.8	103.2	
182	3.2	2.6	4.0	

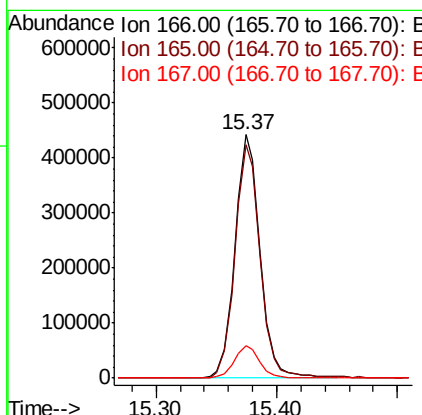
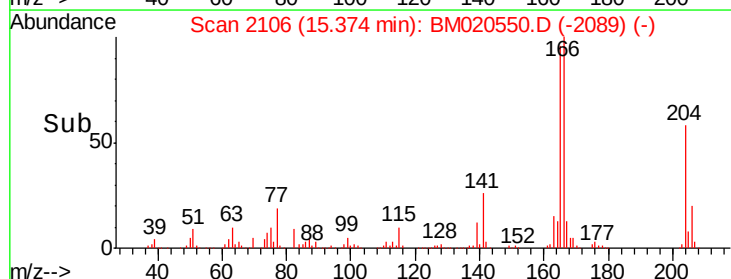
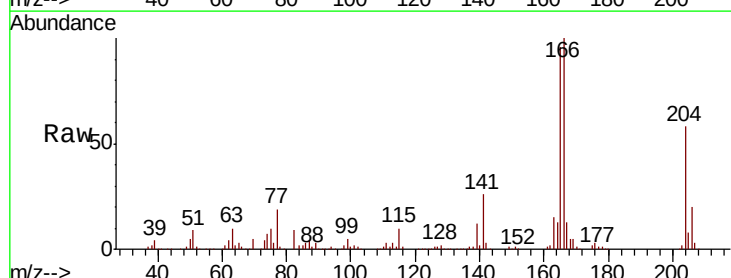
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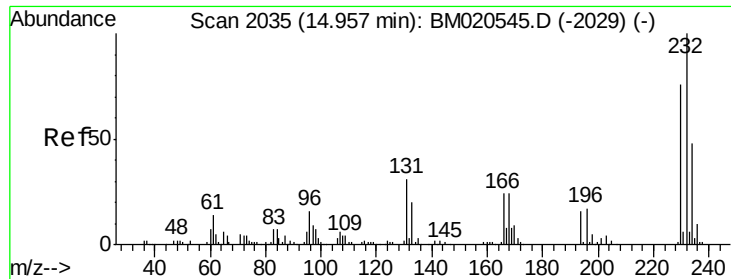
mohammad
5/27/2019 3:59:59 AM



#58
Fluorene
Concen: 39.963 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	639810		
165	95.6	77.4	116.0	
167	13.1	10.6	16.0	





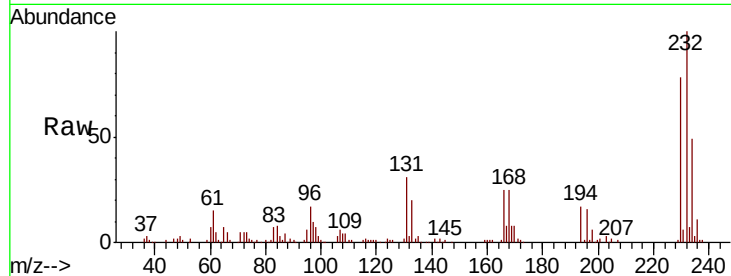
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.641 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052419

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		213855		
131	32.4	25.4	38.0		
130	1.9	1.5	2.3		
166	25.7	19.7	29.5		

Manual Integrations
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mohammad
 5/27/2019 3:59:59 AM



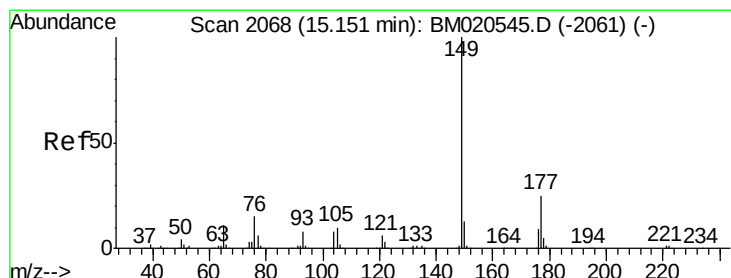
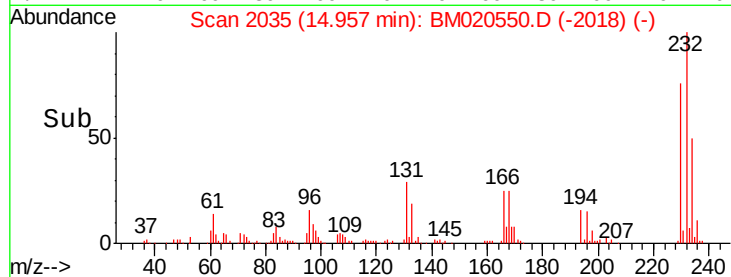
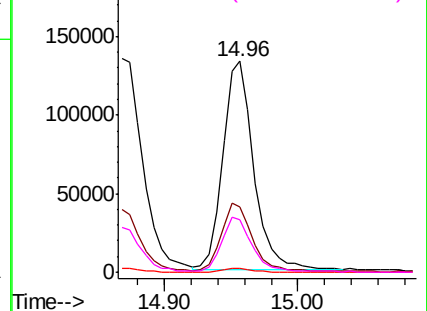
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

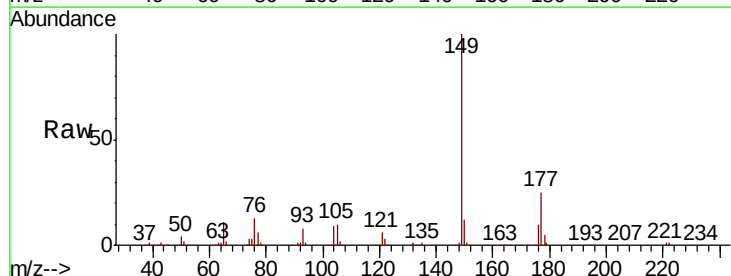
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.904 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		648243		
177	24.7	19.8	29.8		
150	12.1	10.2	15.2		

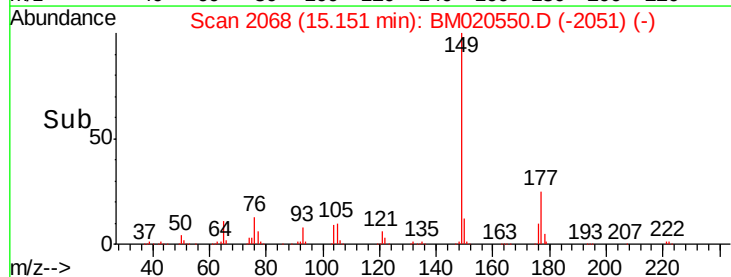
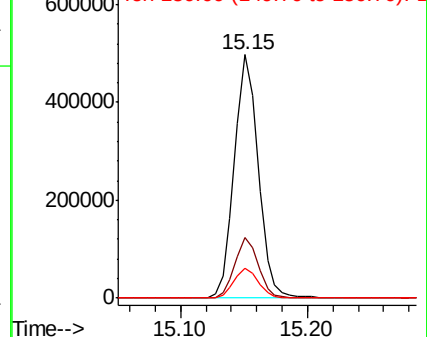


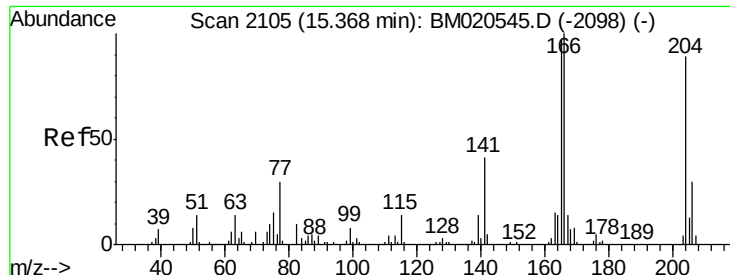
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





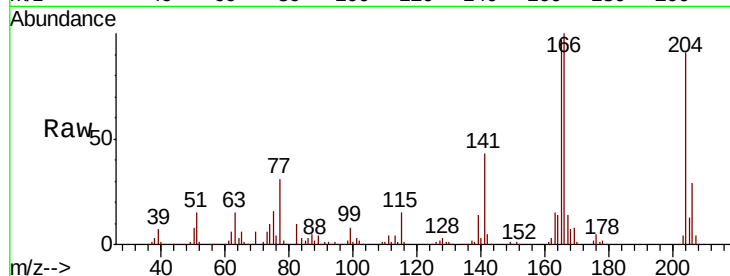
#61
 4-Chlorophenyl-phenylether
 Concen: 40.042 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052419

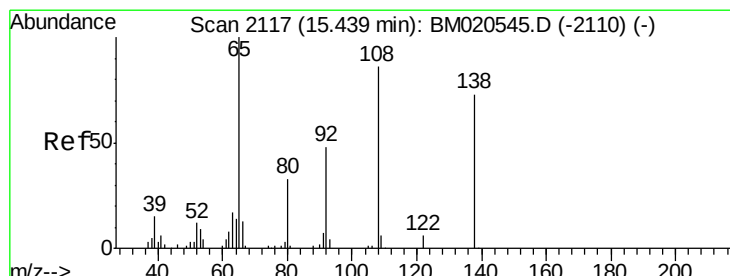
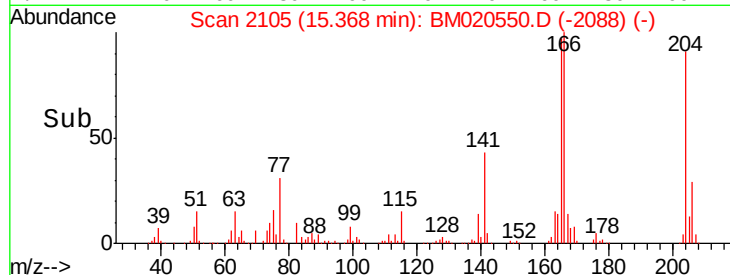
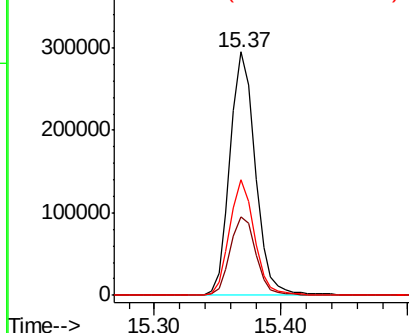
Tot Ion:	204	Resp:	409270
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.6	40.0
141	47.4	36.9	55.3

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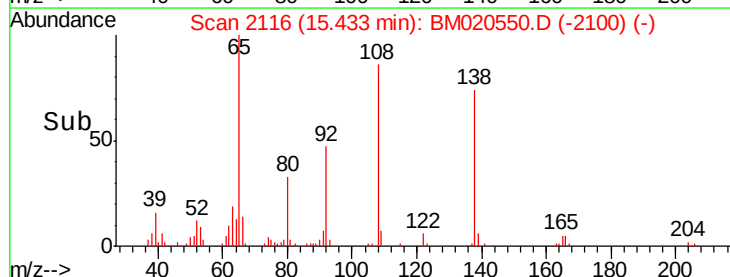
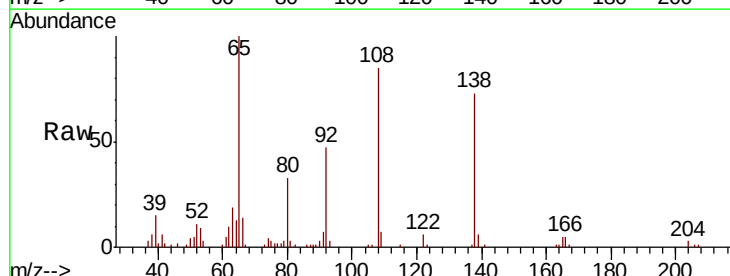
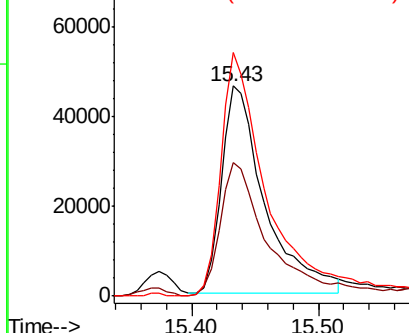
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

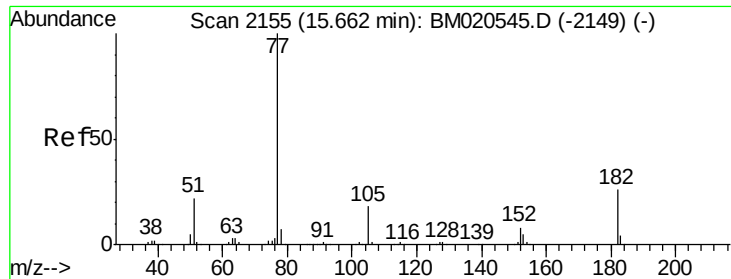


#62
 4-Nitroaniline
 Concen: 38.127 ng
 RT: 15.43 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Tgt Ion:	138	Resp:	110136
Ion Ratio	Lower	Upper	
138	100		
92	63.7	44.5	84.5
108	116.1	95.9	135.9

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





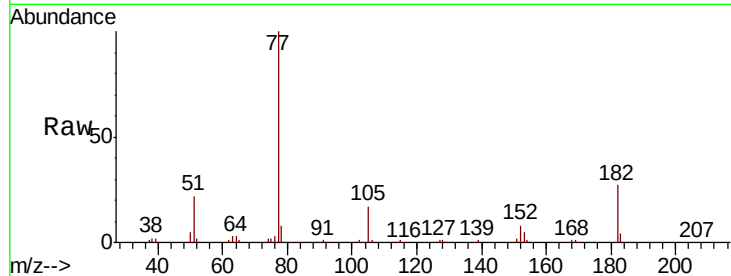
#63
Azobenzene
Concen: 40.492 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	5.7	45.7	
105	16.9	0.0	37.6	
51	21.9	1.7	41.7	

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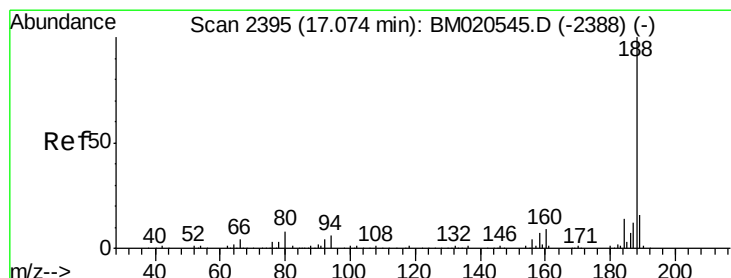
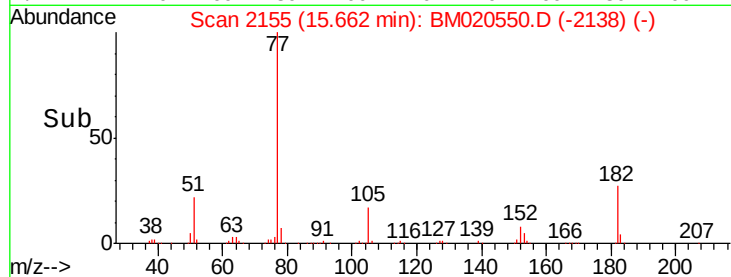
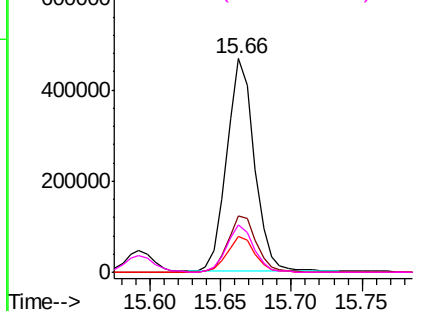


Abundance Ion 77.00 (76.70 to 77.70): BM020550.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM020550.D (-2138) (-)

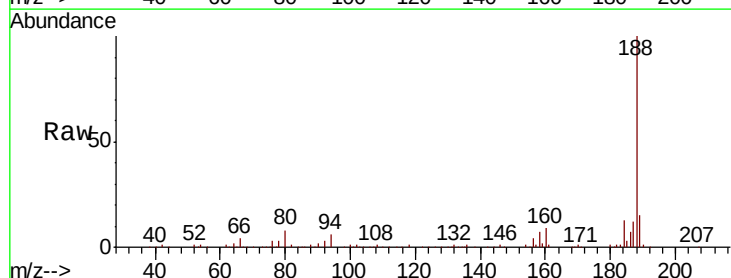
Ion 105.00 (104.70 to 105.70): BM020550.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM020550.D (-2138) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

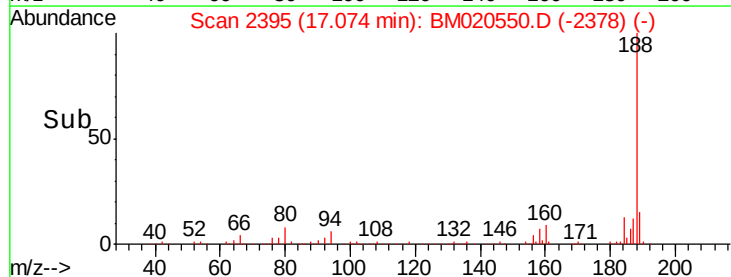
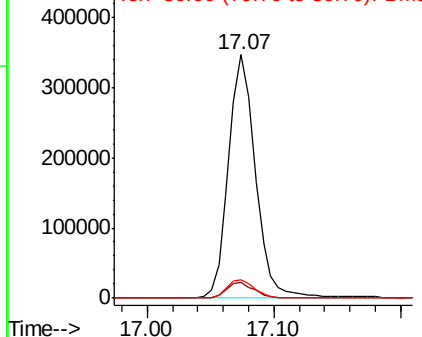
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	5.0	7.4	
80	7.6	6.5	9.7	

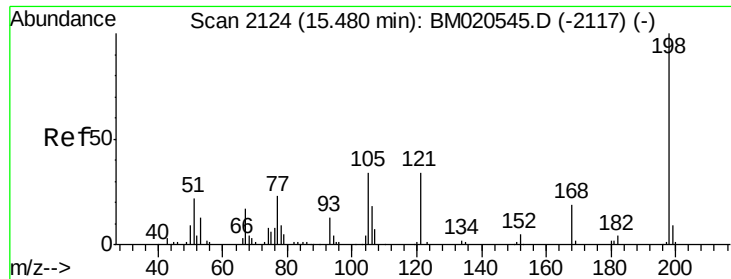


Abundance Ion 188.00 (187.70 to 188.70): BM020550.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM020550.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM020550.D (-2378) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.245 ng

RT: 15.48 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

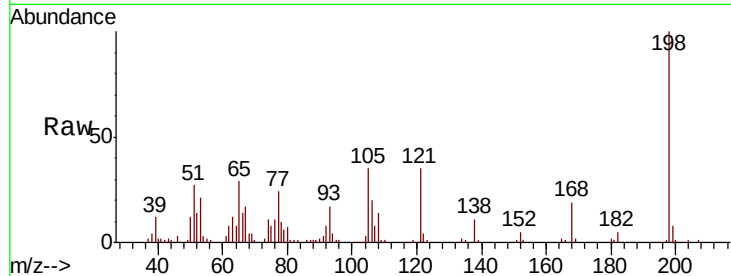
ClientSampled :

ICVBM052419

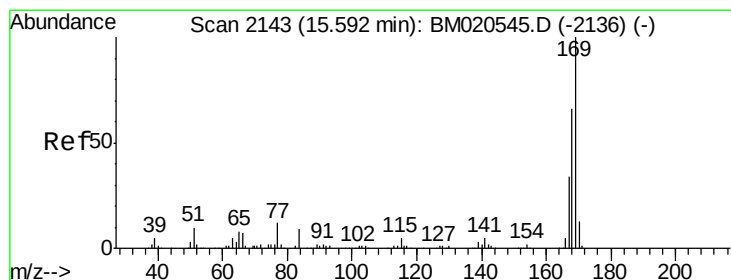
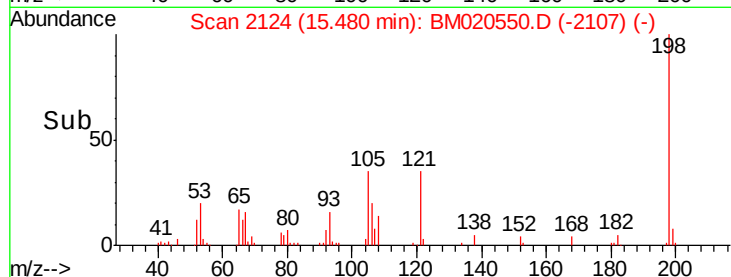
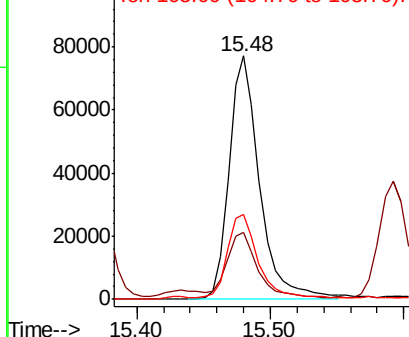
Tot Ion:	198	Resp:	123012
Ion Ratio	Lower	Upper	
198	100		
51	27.3	6.4	46.4
105	34.8	15.1	55.1

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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: 39.902 ng

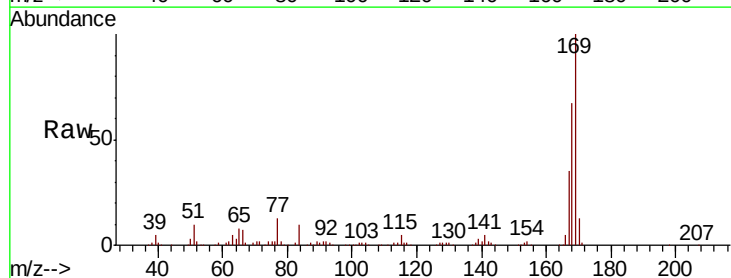
RT: 15.59 min Scan# 2143

Delta R.T. -0.00 min

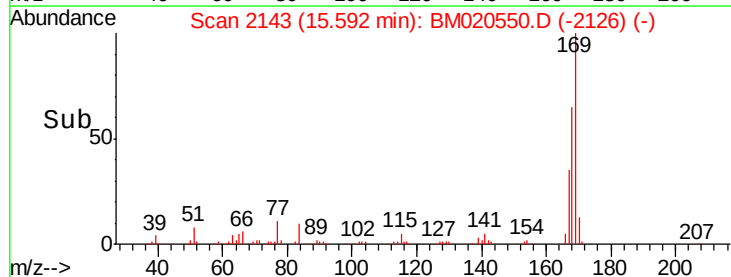
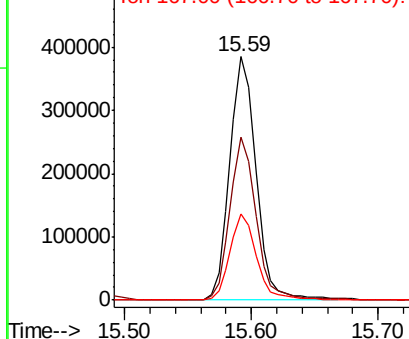
Lab File: BM020550.D

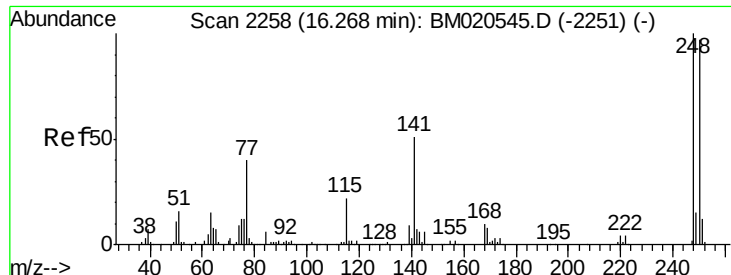
Acq: 24 May 2019 16:13

Tgt Ion:	169	Resp:	554132
Ion Ratio	Lower	Upper	
169	100		
168	66.8	52.5	78.7
167	35.2	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: 40.047 ng

RT: 16.26 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

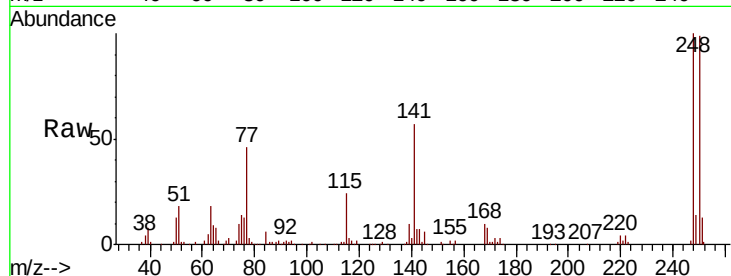
ClientSampled :

ICVBM052419

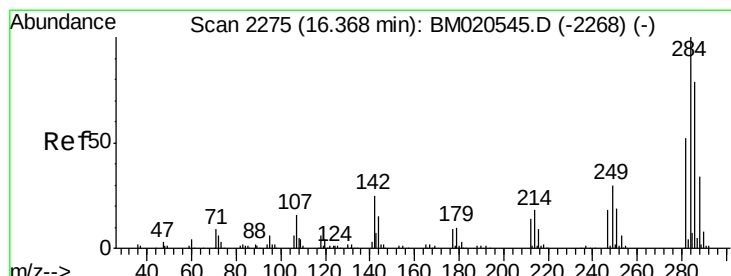
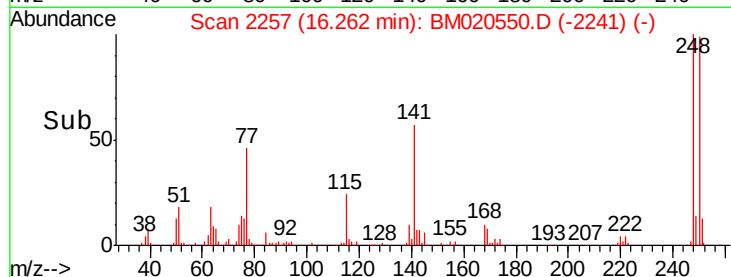
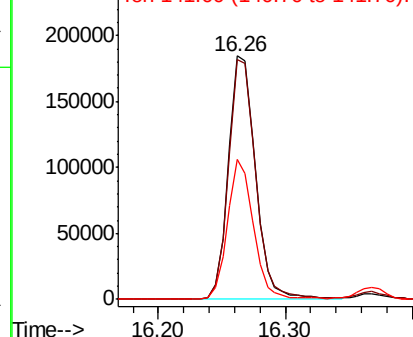
Tot Ion:	248	Resp:	273243
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.8	116.6
141	57.3	41.0	61.6

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.301 ng

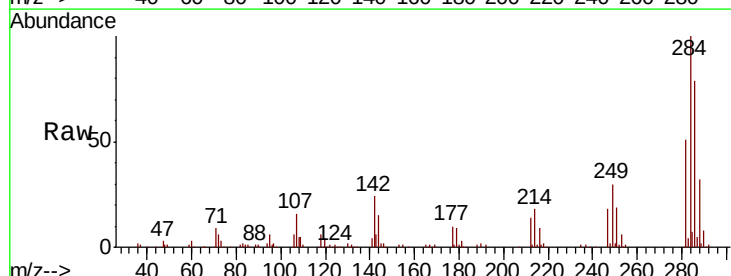
RT: 16.37 min Scan# 2275

Delta R.T. -0.00 min

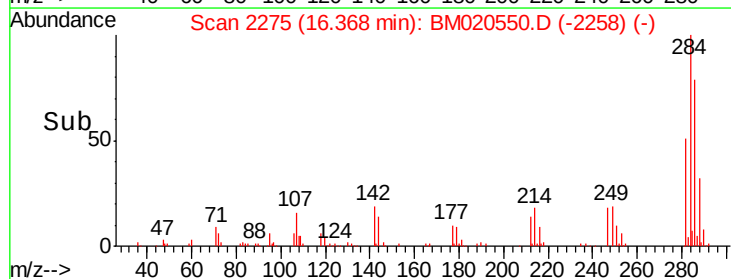
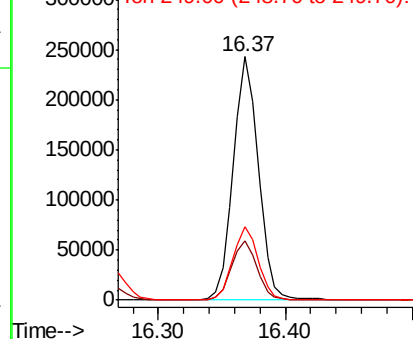
Lab File: BM020550.D

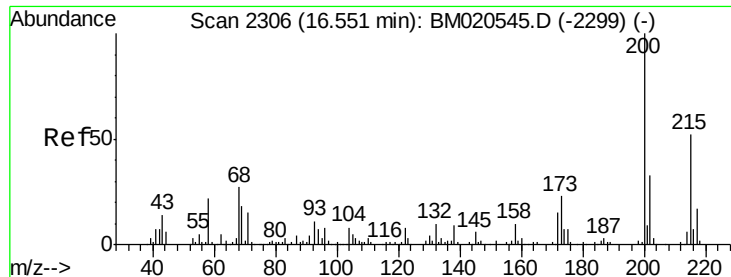
Acq: 24 May 2019 16:13

Tgt Ion:	284	Resp:	333397
Ion Ratio	Lower	Upper	
284	100		
142	24.2	20.2	30.2
249	30.2	23.9	35.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





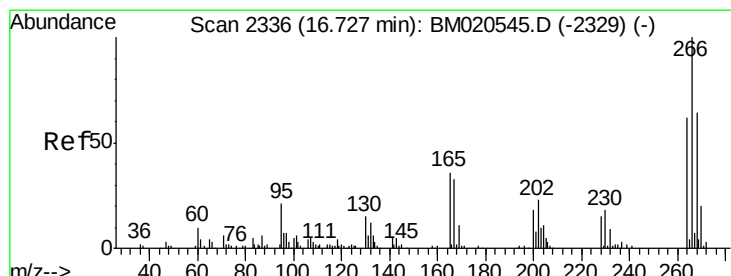
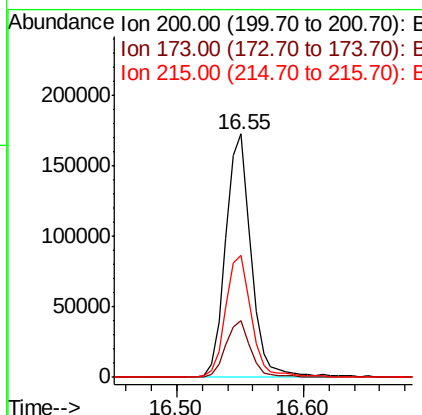
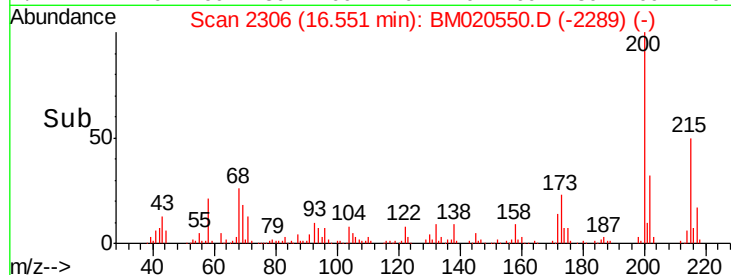
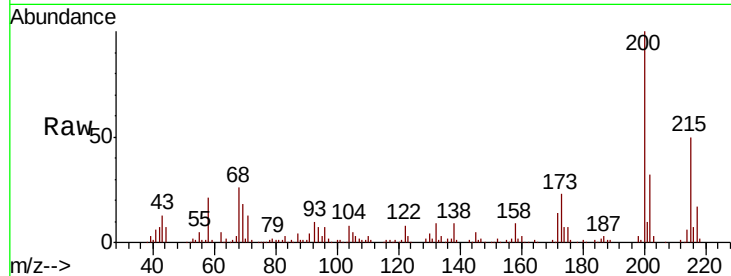
#69
Atrazine
Concen: 42.135 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	3.2	43.2
215	50.1	31.7	71.7

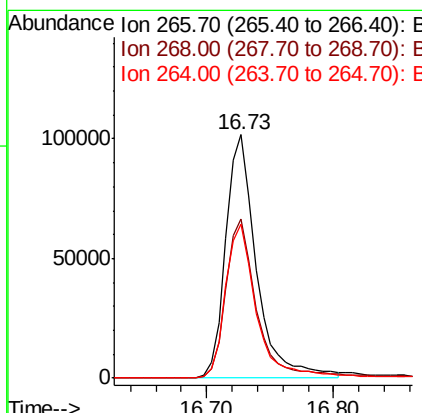
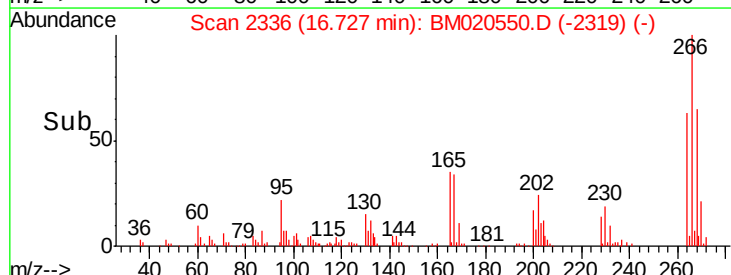
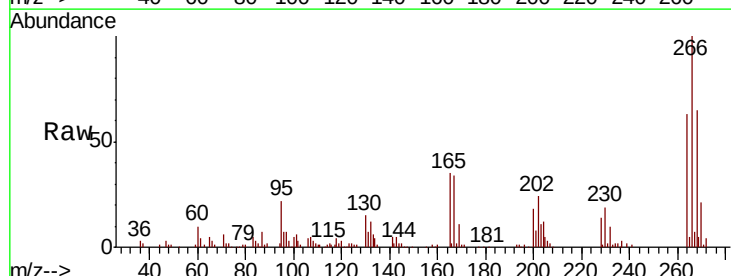
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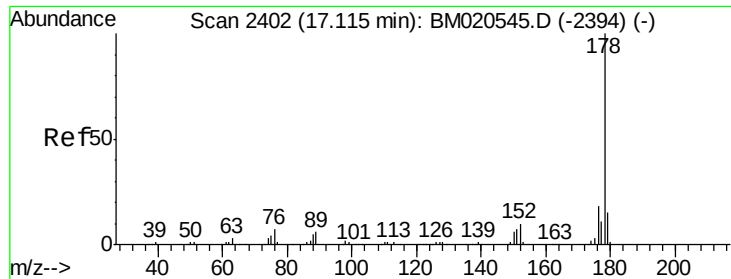
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#70
Pentachlorophenol
Concen: 40.040 ng
RT: 16.73 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.4	51.0	76.4
264	63.5	49.8	74.8





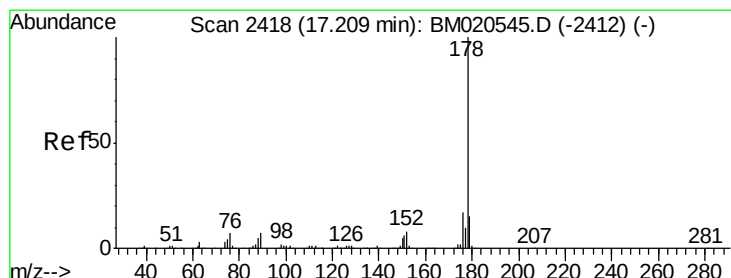
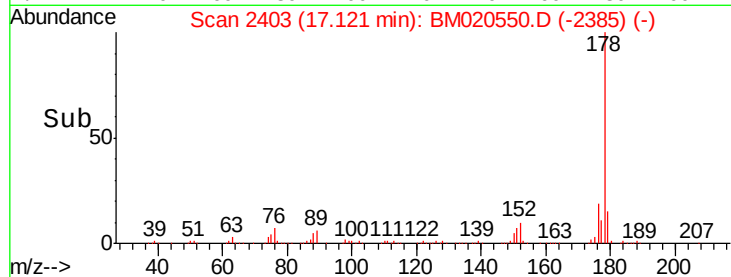
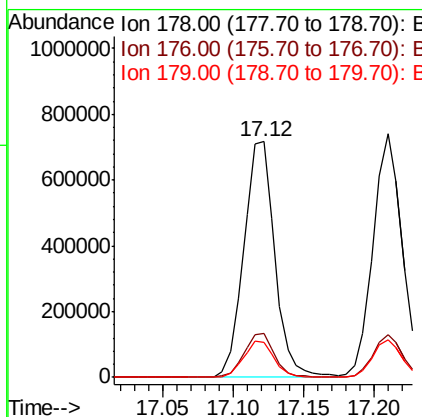
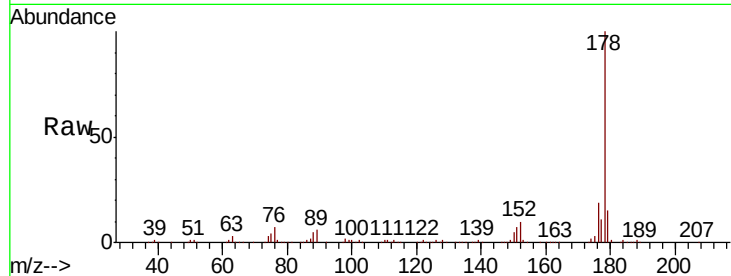
#71
Phenanthrene
Concen: 39.748 ng
RT: 17.12 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion:178 Resp: 1105947
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.0 12.2 18.2

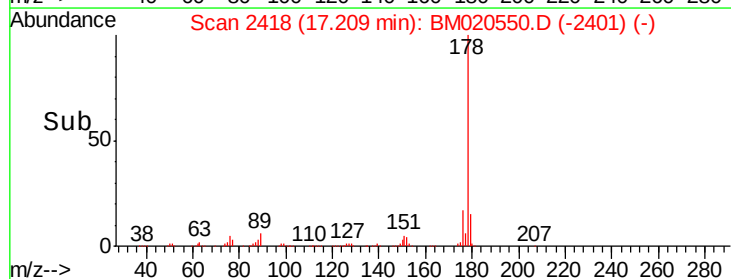
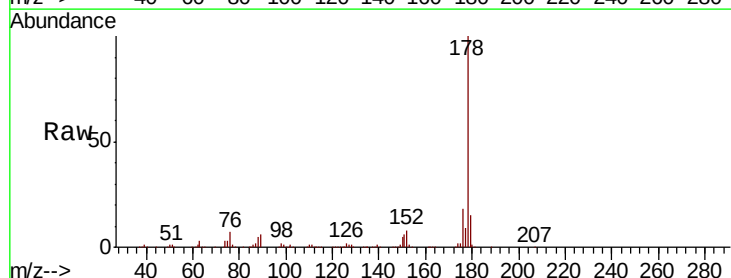
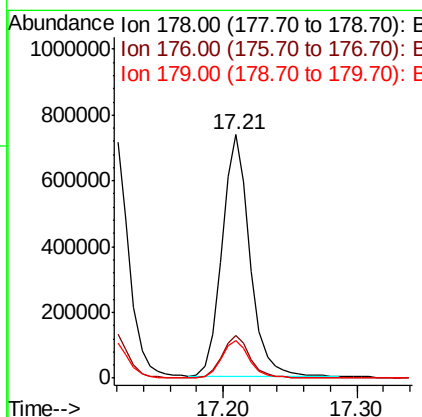
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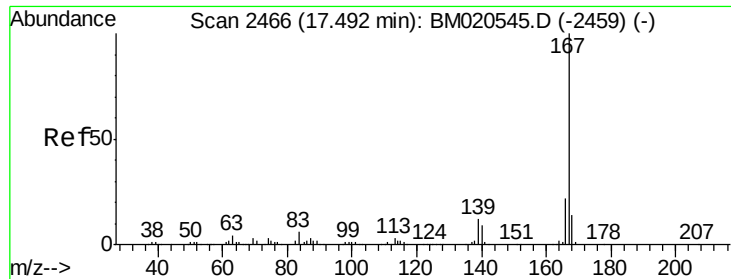
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#72
Anthracene
Concen: 39.730 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion:178 Resp: 1072032
Ion Ratio Lower Upper
178 100
176 17.6 14.0 21.0
179 15.2 12.4 18.6





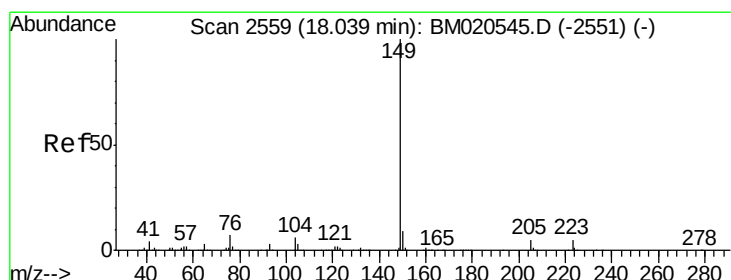
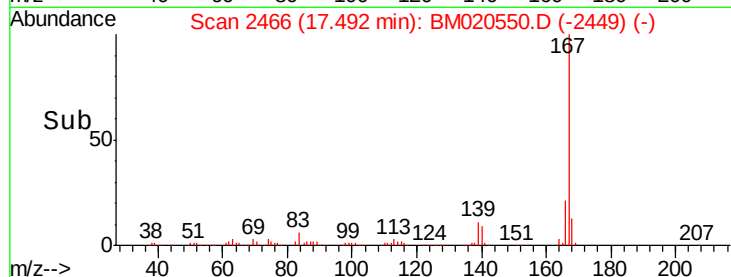
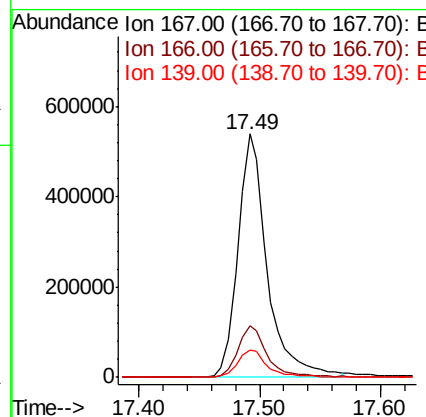
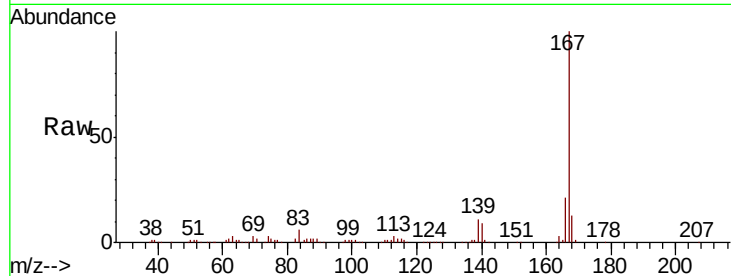
#73
 Carbazole
 Concen: 39.314 ng
 RT: 17.49 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052419

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	11.4	9.3	13.9

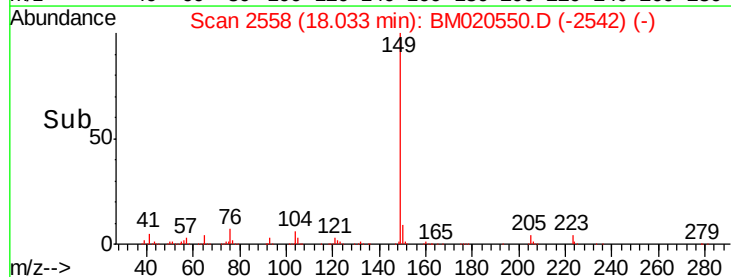
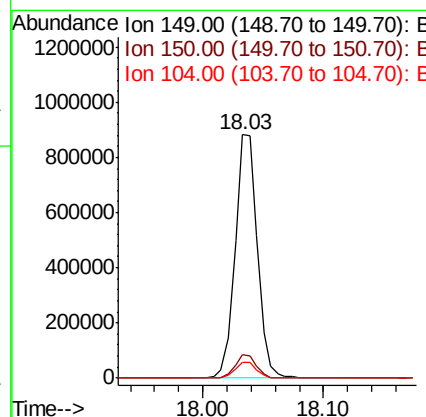
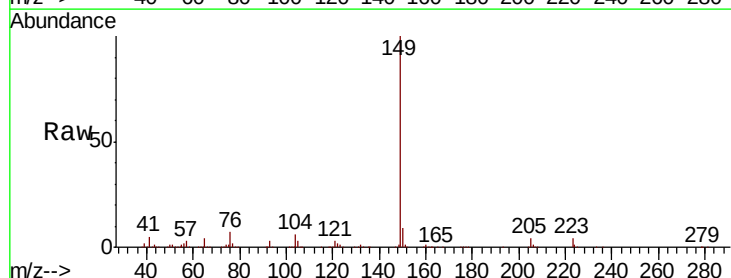
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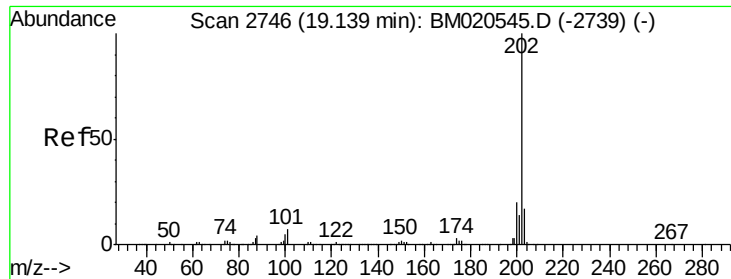
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#74
 Di-n-butylphthalate
 Concen: 39.757 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 39.295 ng

RT: 19.14 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

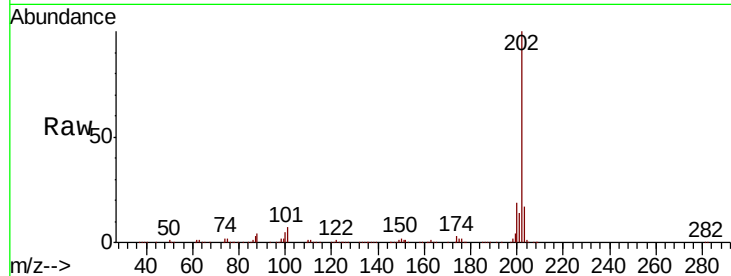
ClientSampled :

ICVBM052419

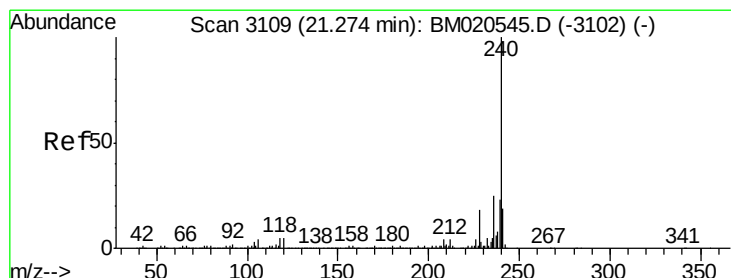
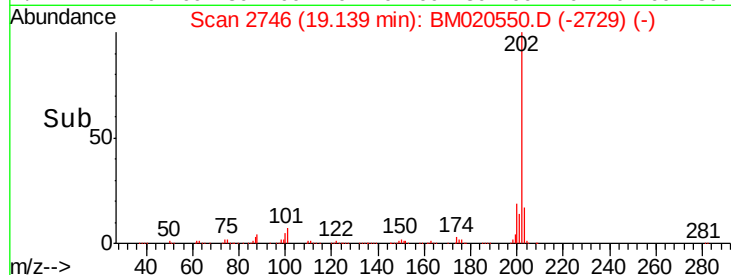
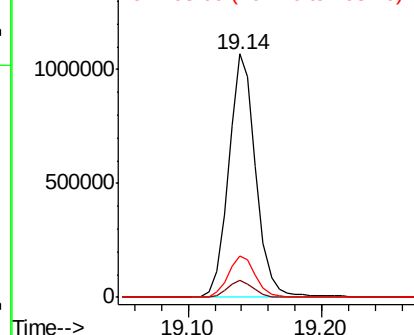
Tot Ion:	202	Resp:	1520401
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	26.7
203	17.2	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

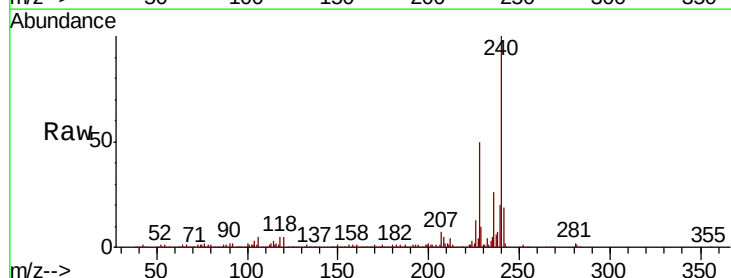
RT: 21.27 min Scan# 3109

Delta R.T. -0.00 min

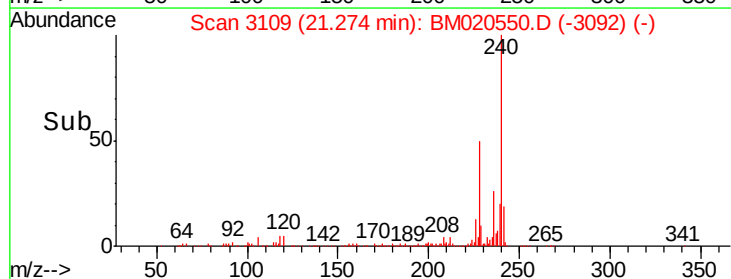
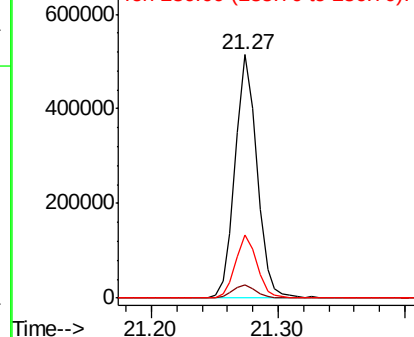
Lab File: BM020550.D

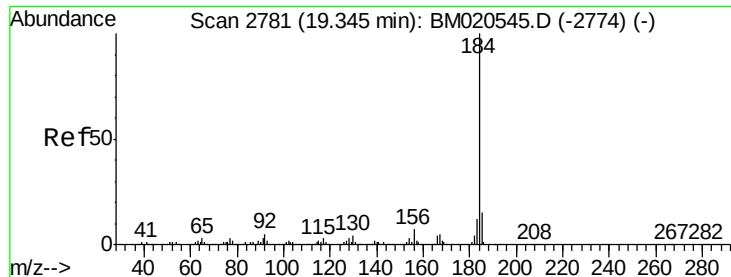
Acq: 24 May 2019 16:13

Tgt Ion:	240	Resp:	614247
Ion Ratio	Lower	Upper	
240	100		
120	5.5	4.1	6.1
236	25.9	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: 43.038 ng

RT: 19.34 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

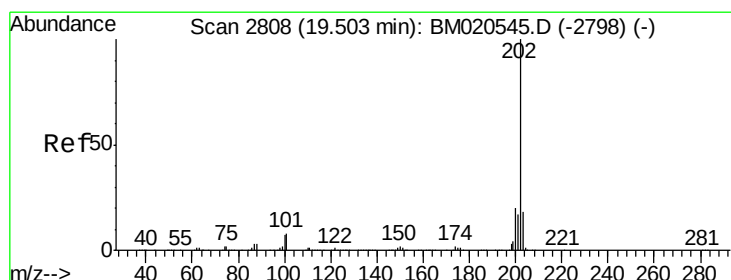
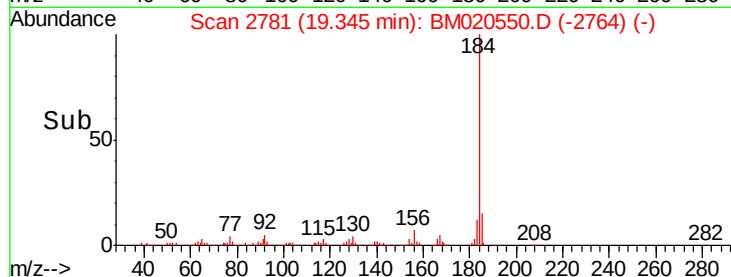
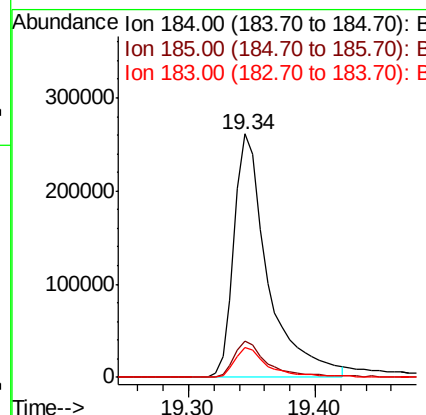
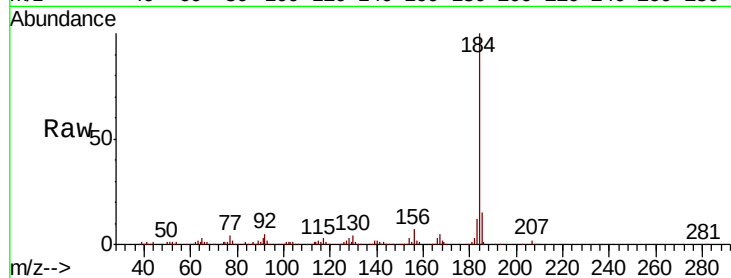
ClientSampleId :

ICVBM052419

Tot Ion:	184	Resp:	485825
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.8
183	12.1	9.7	14.5

Manual Integrations
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mohammad
5/27/2019 3:59:59 AM



#78

Pyrene

Concen: 40.443 ng

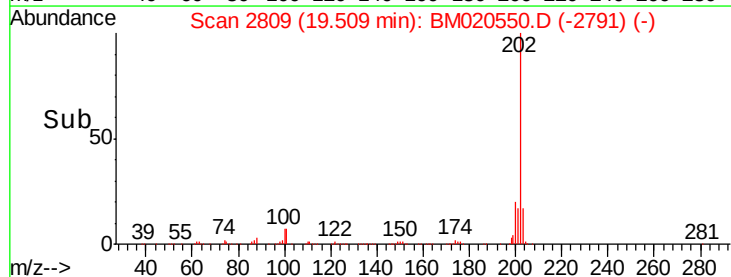
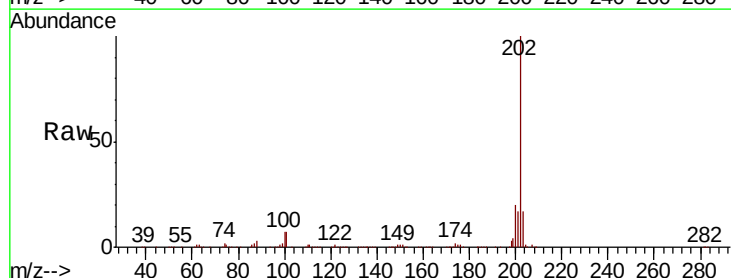
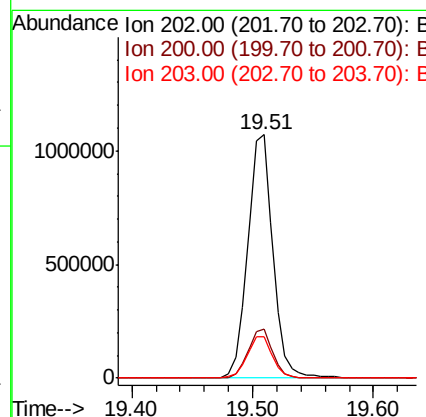
RT: 19.51 min Scan# 2809

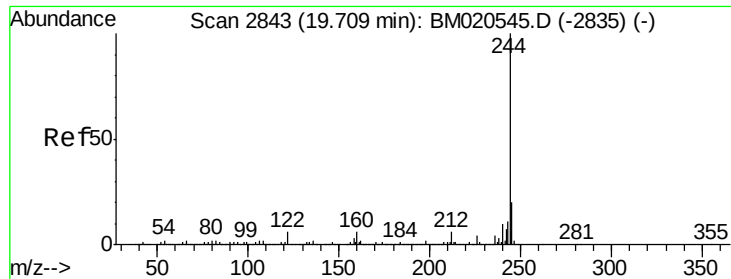
Delta R.T. 0.01 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion:	202	Resp:	1559581
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.0	24.0
203	16.9	14.1	21.1





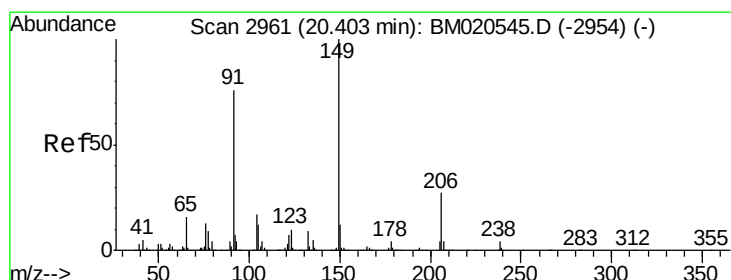
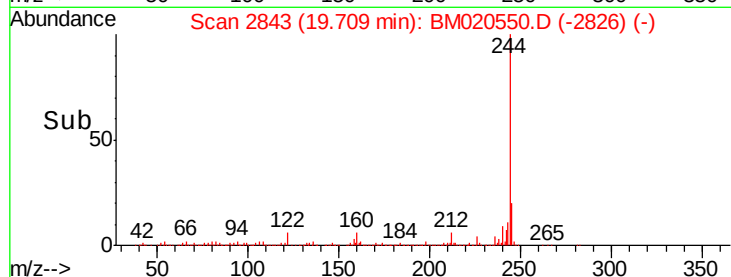
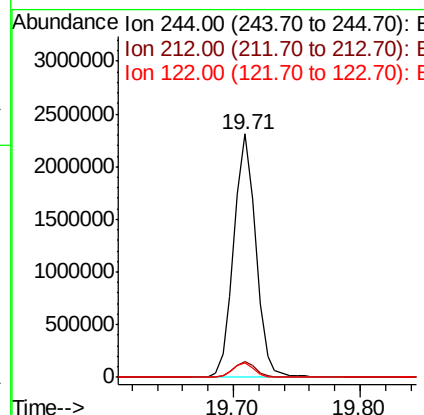
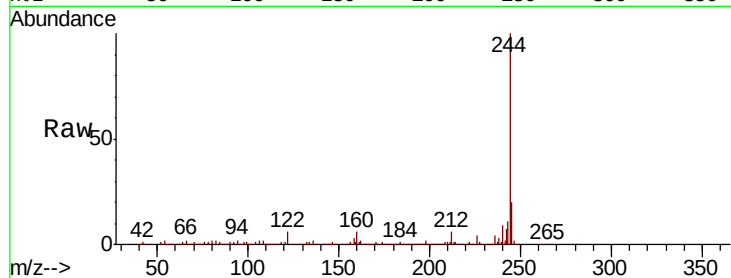
#79
 Terphenyl-d14
 Concen: 81.751 ng
 RT: 19.71 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052419

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.6
122	6.1	4.6	7.0

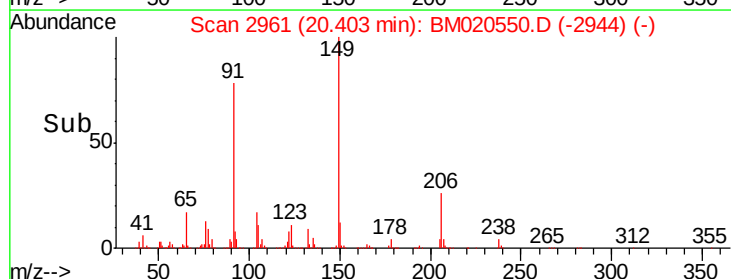
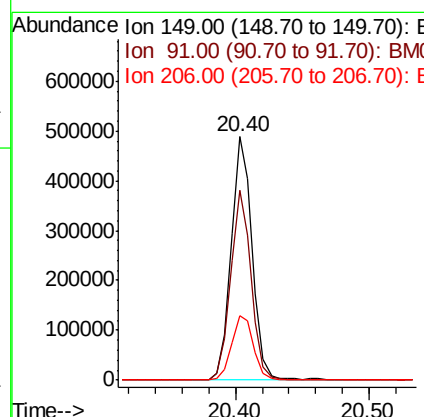
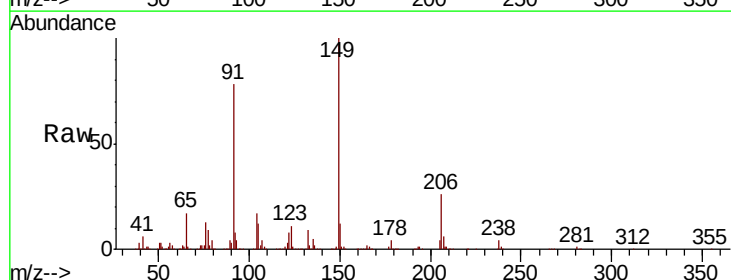
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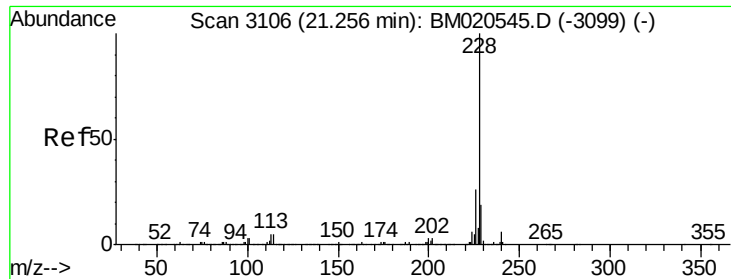
mohammad
 5/27/2019 3:59:59 AM



#80
 Butylbenzylphthalate
 Concen: 39.963 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.00 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	60.9	91.3
206	26.4	21.6	32.4





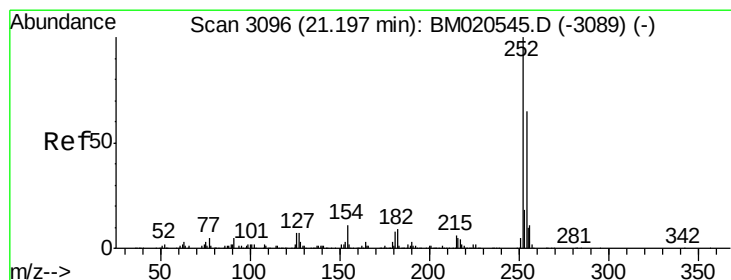
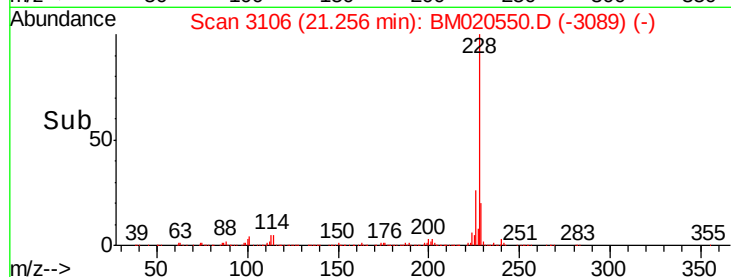
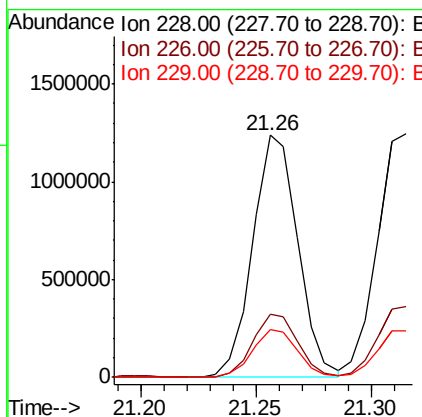
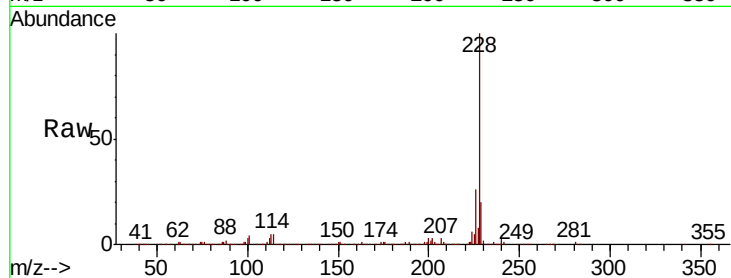
#81
Benzo(a)anthracene
Concen: 39.729 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

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

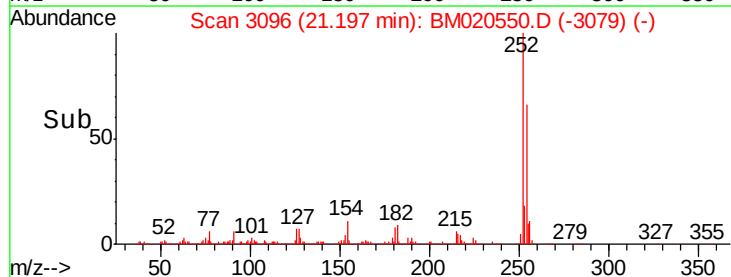
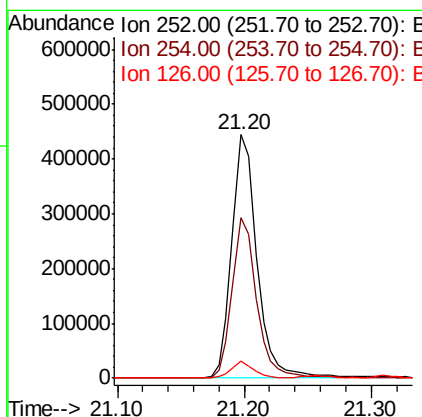
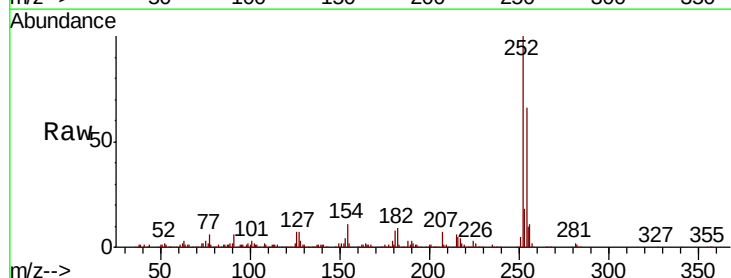
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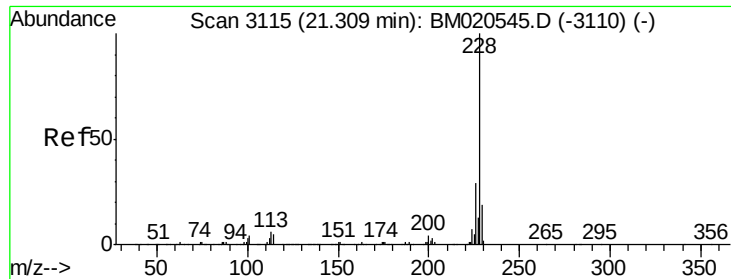
mohammad
5/27/2019 3:59:59 AM



#82
3,3'-Dichlorobenzidine
Concen: 39.372 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.8	77.6
126	7.0	5.2	7.8





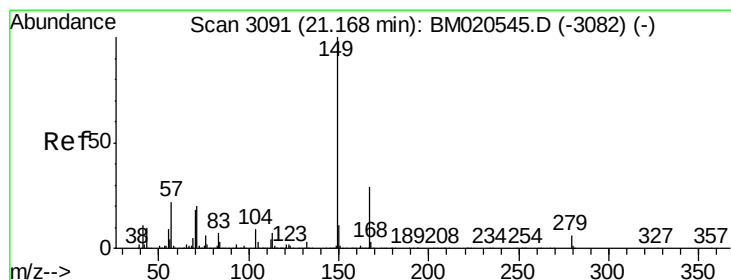
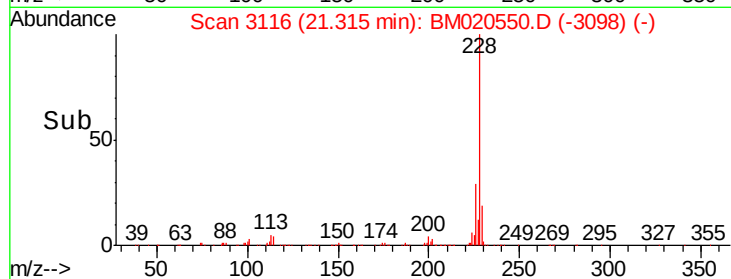
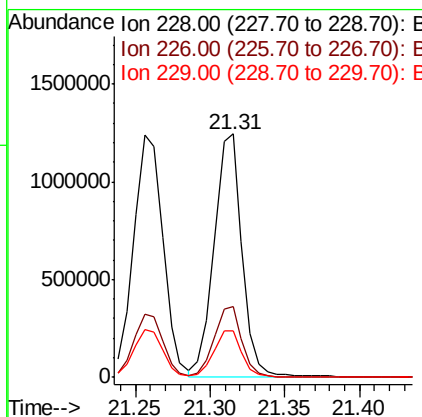
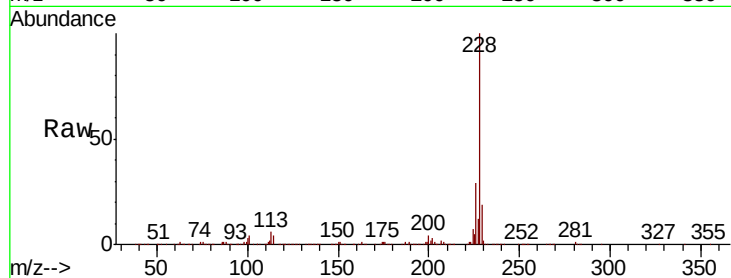
#83
 Chrysene
 Concen: 39.523 ng
 RT: 21.31 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052419

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	19.4	15.4	23.2

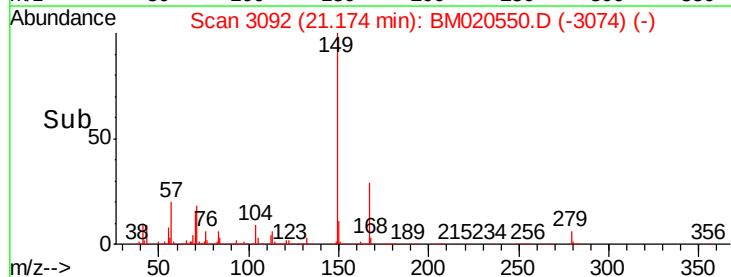
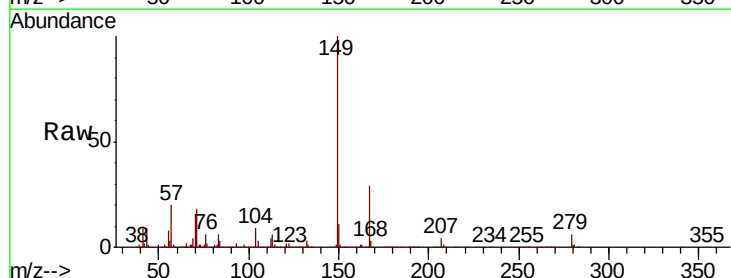
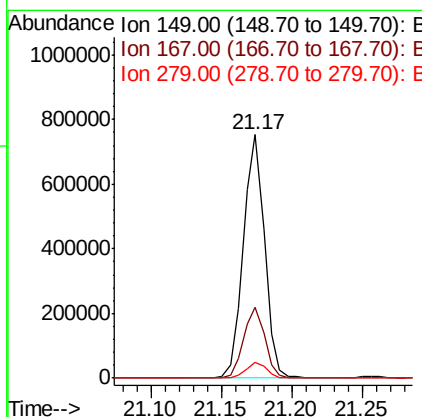
Manual Integrations
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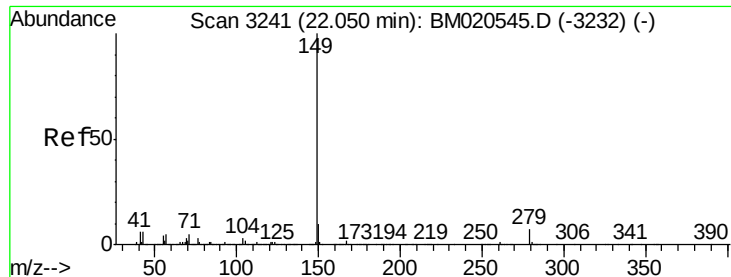
mohammad
 5/27/2019 3:59:59 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.865 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BM020550.D
 Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	6.5	4.9	7.3





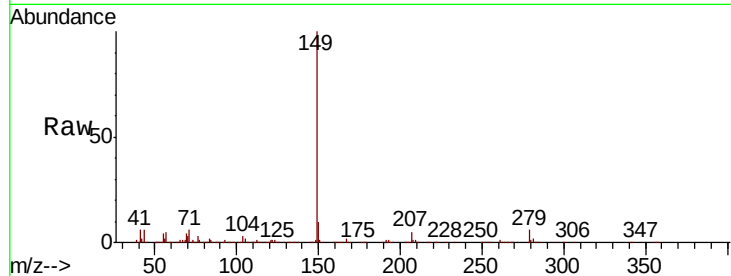
#85
Di-n-octyl phthalate
Concen: 39.102 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampled :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	5.8	4.8	7.2

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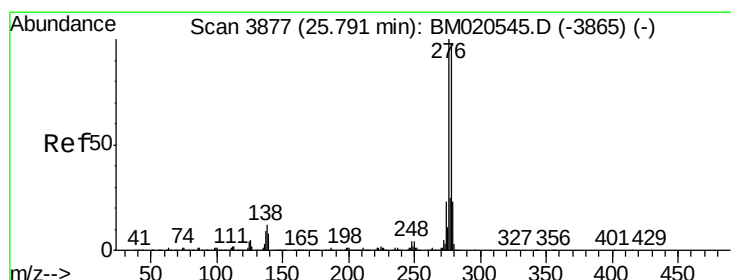
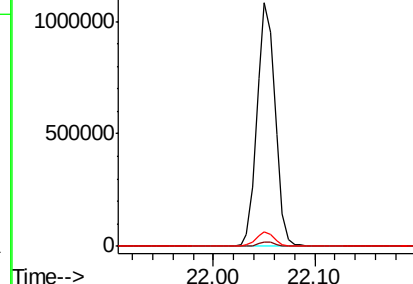
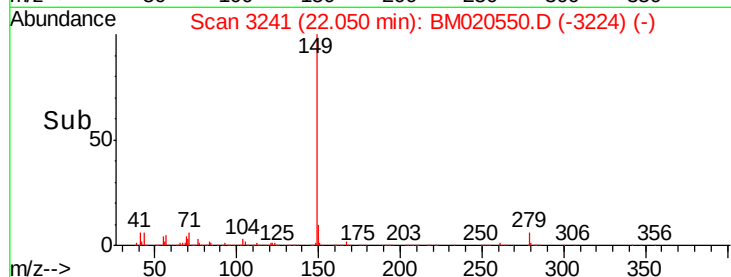


Abundance

Ion 149.00 (148.70 to 149.70): E

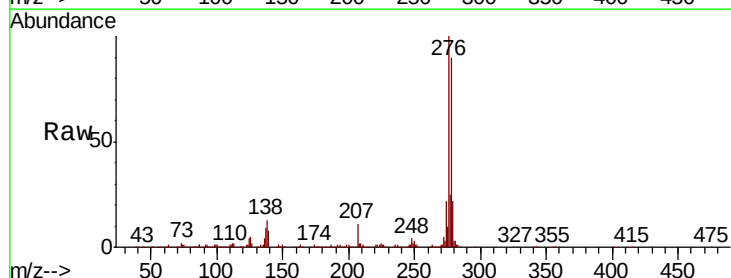
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.353 ng
RT: 25.79 min Scan# 3877
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	9.7	14.5
277	25.3	20.4	30.6

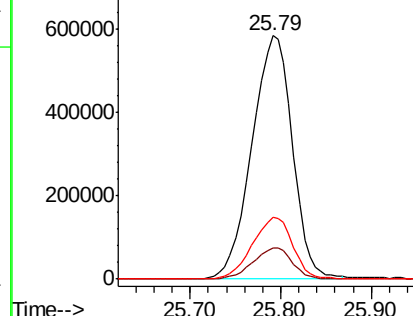
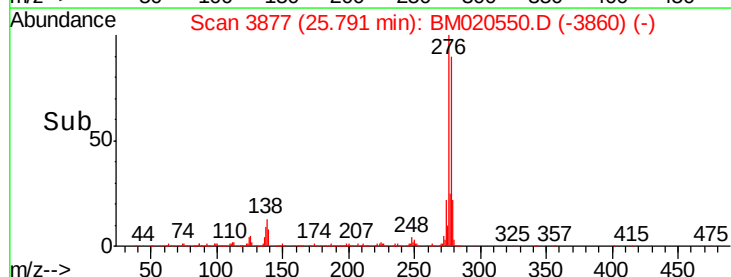


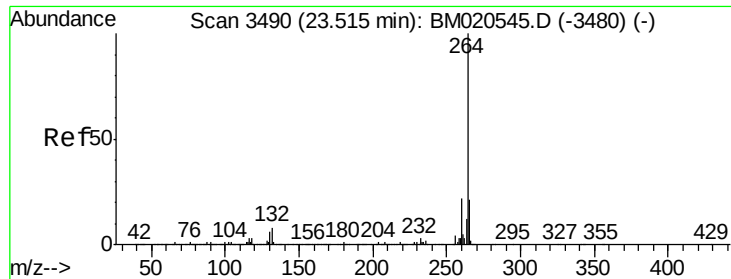
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

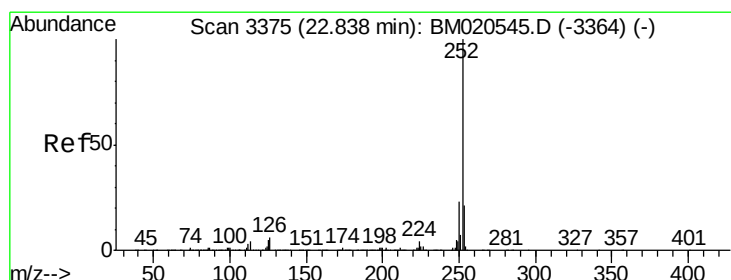
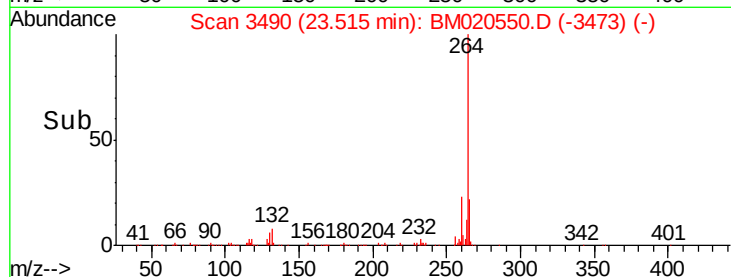
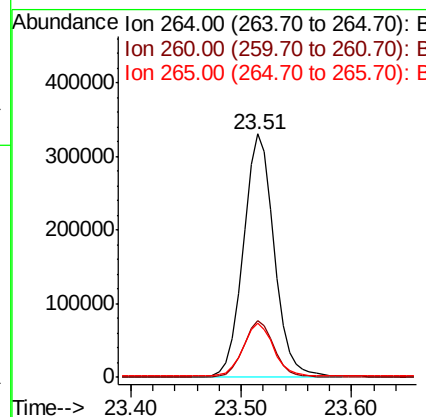
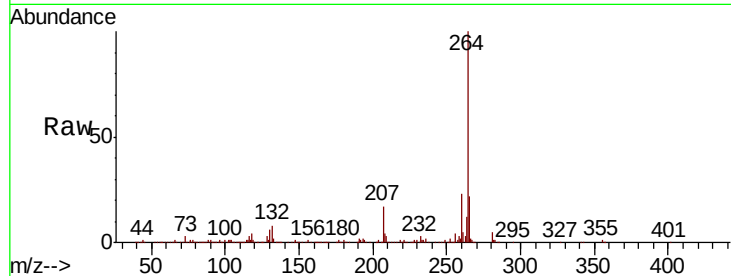
ClientSampleId :

ICVBM052419

Tot Ion:	264	Resp:	651156
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.7	26.5
265	22.4	17.4	26.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 39.871 ng

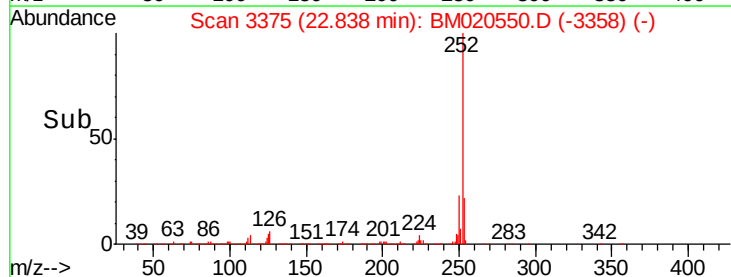
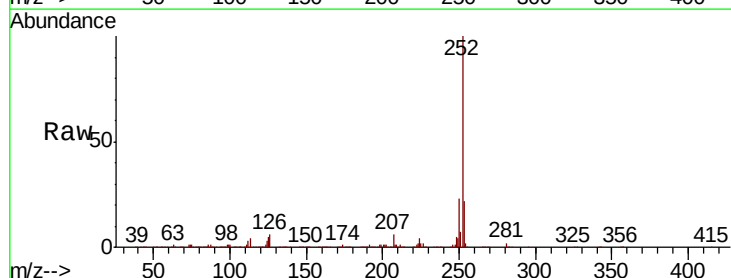
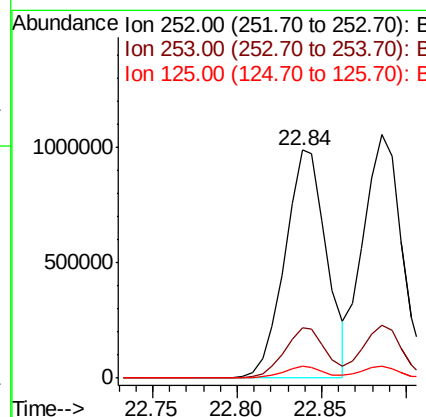
RT: 22.84 min Scan# 3375

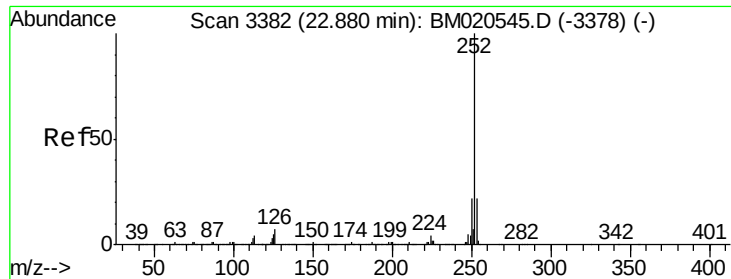
Delta R.T. -0.00 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion:	252	Resp:	1699266
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	5.2	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 40.674 ng

RT: 22.89 min Scan# 3383

Delta R.T. 0.01 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Instrument :

BNA_M

ClientSampled :

ICVBM052419

Tot Ion:252 Resp: 1682423

Ion Ratio Lower Upper

252 100

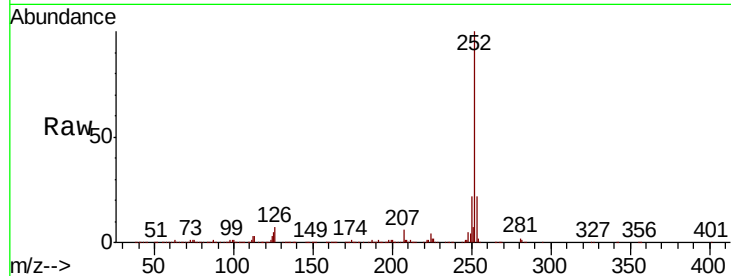
253 21.8 17.6 26.4

125 5.1 4.2 6.4

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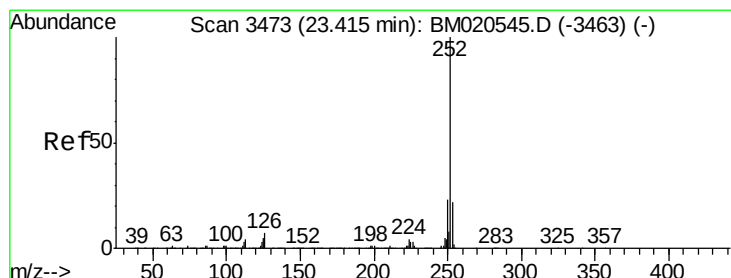
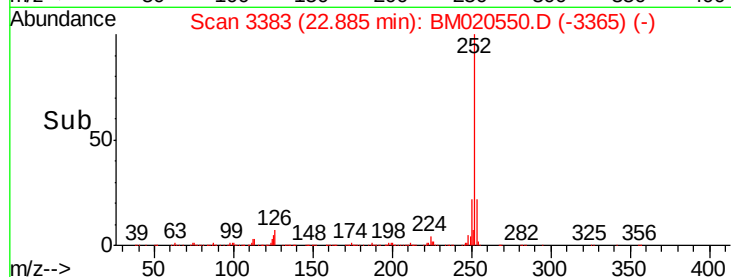
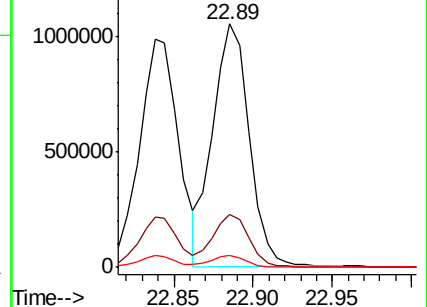
5/27/2019 3:59:59 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.553 ng

RT: 23.42 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BM020550.D

Acq: 24 May 2019 16:13

Tgt Ion:252 Resp: 1551221

Ion Ratio Lower Upper

252 100

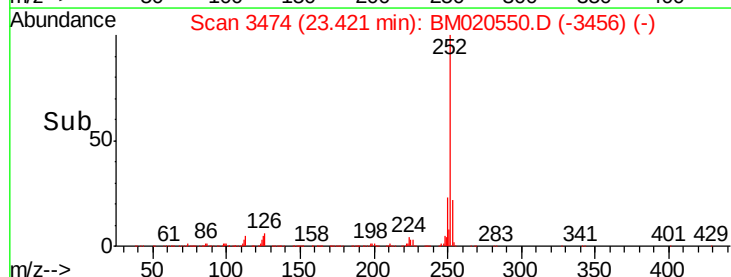
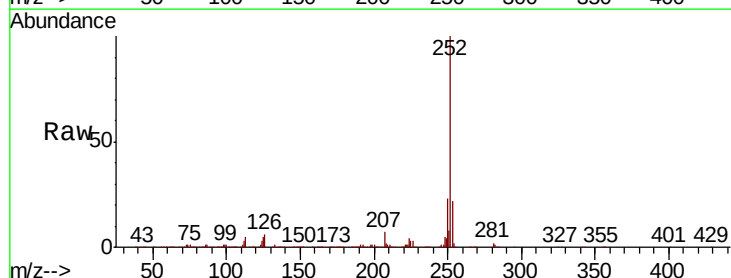
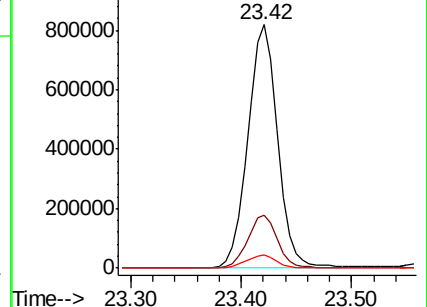
253 21.8 17.4 26.2

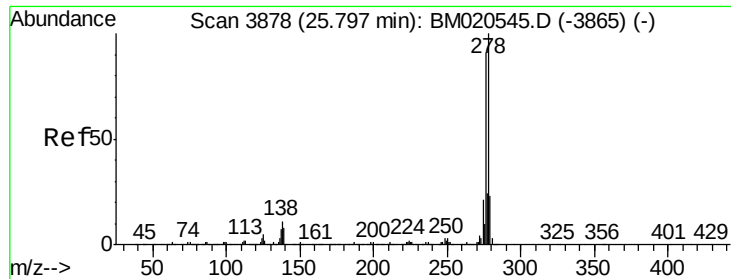
125 5.3 4.2 6.4

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





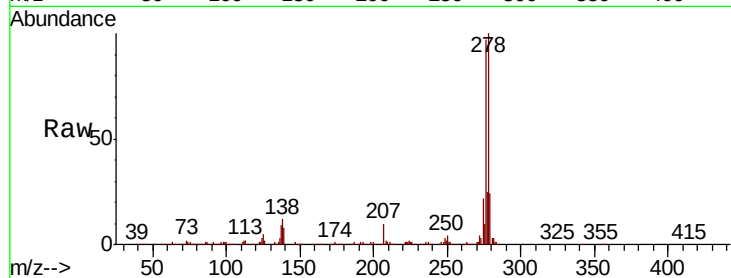
#91
Dibenzo(a,h)anthracene
Concen: 37.838 ng
RT: 25.80 min Scan# 3878
Delta R.T. -0.00 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.3	6.3	9.5
279	23.7	18.3	27.5

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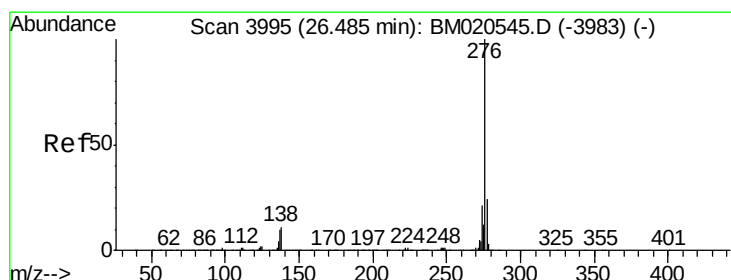
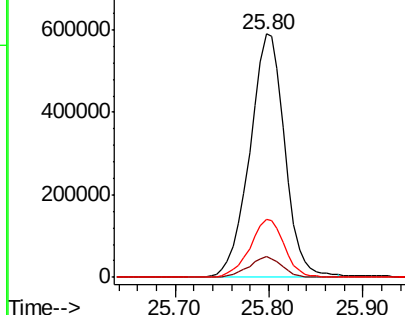
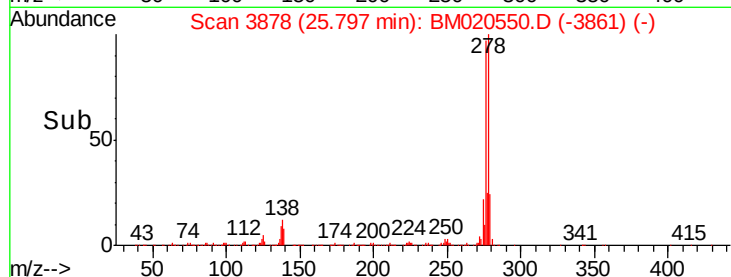


Abundance

Ion 278.00 (277.70 to 278.70): E

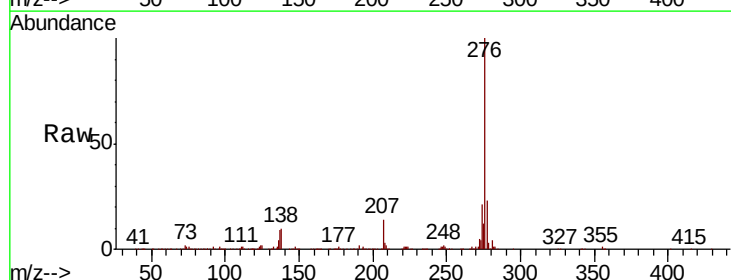
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.633 ng
RT: 26.49 min Scan# 3996
Delta R.T. 0.01 min
Lab File: BM020550.D
Acq: 24 May 2019 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	10.1	8.6	12.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

