

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022496.D
 Acq On : 03 Sep 2019 10:55
 Operator : HP/JU
 Sample : PB122730BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:52 AM

Quant Time: Sep 03 11:33:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	18755	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	75661	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	48488	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	94320	20.00	ng	0.00
76) Chrysene-d12	21.15	240	89809	20.00	ng	0.00
87) Perylene-d12	23.34	264	76965	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	142390	133.27	ng	0.00
7) Phenol-d6	6.71	99	175173	122.60	ng	0.00
23) Nitrobenzene-d5	8.68	82	124469	72.06	ng	0.00
42) 2,4,6-Tribromophenol	15.68	330	100572	101.36	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	290286	67.82	ng	0.00
79) Terphenyl-d14	19.58	244	465857	68.46	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.13	88	23551	47.767 ng	93
3) Pyridine	3.52	79	43510	36.687 ng	98
4) n-Nitrosodimethylamine	3.45	42	40912	50.035 ng	98
6) Aniline	6.86	93	73767	40.511 ng	98
8) 2-Chlorophenol	7.07	128	61261	49.813 ng	97
9) Benzaldehyde	6.68	77	44181	49.631 ng	98
10) Phenol	6.73	94	68158	47.484 ng	95
11) bis(2-Chloroethyl)ether	6.96	93	51770	47.791 ng	99
12) 1,3-Dichlorobenzene	7.39	146	67451	45.202 ng	96
13) 1,4-Dichlorobenzene	7.54	146	69456	45.938 ng	97
14) 1,2-Dichlorobenzene	7.85	146	66443	43.836 ng	98
15) Benzyl Alcohol	7.77	79	61557	45.412 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.03	45	64663	46.063 ng	97
17) 2-Methylphenol	7.96	107	48283	46.254 ng	99
18) Hexachloroethane	8.54	117	35028	49.968 ng	89
19) n-Nitroso-di-n-propylamine	8.32	70	47772	43.080 ng	92
20) 3+4-Methylphenols	8.29	107	64096	45.217 ng	94
22) Acetophenone	8.35	105	93374	44.692 ng	# 99
24) Nitrobenzene	8.72	77	79182	47.616 ng	96
25) Isophorone	9.24	82	123757	45.627 ng	97
26) 2-Nitrophenol	9.42	139	32683	49.065 ng	97
27) 2,4-Dimethylphenol	9.48	122	53319	53.661 ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	71939	45.838 ng	98
29) 2,4-Dichlorophenol	9.95	162	59195	45.533 ng	94
30) 1,2,4-Trichlorobenzene	10.14	180	73826	44.595 ng	99
31) Naphthalene	10.32	128	180602	45.891 ng	100
32) Benzoic acid	9.70	122	34869	44.554 ng	93
33) 4-Chloroaniline	10.48	127	35227	20.804 ng	96
34) Hexachlorobutadiene	10.57	225	77600	47.524 ng	98
35) Caprolactam	11.32	113	13105m	39.660 ng	
36) 4-Chloro-3-methylphenol	11.60	107	61337	44.764 ng	93
37) 2-Methylnaphthalene	11.95	142	132716	44.378 ng	96
38) 1-Methylnaphthalene	12.17	142	123912	42.928 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	110687	48.100 ng	98

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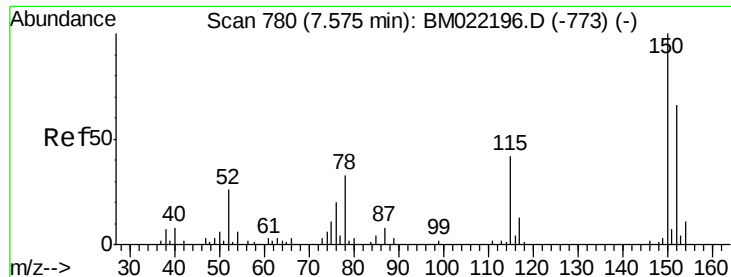
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	106517	108.436	nq	96
43) 2,4,6-Trichlorophenol	12.59	196	57437	46.242	nq	100
44) 2,4,5-Trichlorophenol	12.67	196	56739	46.068	nq	97
46) 1,1'-Biphenyl	12.99	154	177608	44.829	nq	99
47) 2-Chloronaphthalene	13.03	162	139993	44.501	nq	99
48) 2-Nitroaniline	13.28	65	43779	43.209	nq	99
49) Acenaphthylene	13.89	152	215626	45.415	nq	99
50) Dimethylphthalate	13.65	163	177179	42.013	nq	99
51) 2,6-Dinitrotoluene	13.79	165	35201	42.491	nq	93
52) Acenaphthene	14.23	154	121766	42.762	nq	98
53) 3-Nitroaniline	14.13	138	20104	25.274	nq	99
54) 2,4-Dinitrophenol	14.36	184	35084	71.430	nq	93
55) Dibenzofuran	14.57	168	208920	43.553	nq	96
56) 4-Nitrophenol	14.46	139	37193	70.291	nq	88
57) 2,4-Dinitrotoluene	14.60	165	47602	39.967	nq	# 96
58) Fluorene	15.23	166	177562	41.432	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.81	232	60813	43.813	nq	98
60) Diethylphthalate	15.02	149	181889	41.291	nq	100
61) 4-Chlorophenyl-phenylether	15.22	204	127193	43.160	nq	100
62) 4-Nitroaniline	15.32	138	26036	34.971	nq	98
63) Azobenzene	15.52	77	210732	47.924	nq	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	27060	48.079	nq	99
66) n-Nitrosodiphenylamine	15.45	169	139271	48.907	nq	99
67) 4-Bromophenyl-phenylether	16.12	248	72848	49.088	nq	96
68) Hexachlorobenzene	16.23	284	74244	44.167	nq	95
69) Atrazine	16.42	200	55424	45.714	nq	99
70) Pentachlorophenol	16.59	266	73916	98.307	nq	95
71) Phenanthrene	16.97	178	239184	43.505	nq	98
72) Anthracene	17.07	178	245011	45.295	nq	99
73) Carbazole	17.36	167	180211	40.304	nq	98
74) Di-n-butylphthalate	17.90	149	275542	45.447	nq	99
75) Fluoranthene	19.01	202	296948	40.558	nq	100
77) Benzidine	19.23	184	92785	61.355	nq	98
78) Pyrene	19.38	202	299294	48.900	nq	99
80) Butylbenzylphthalate	20.29	149	106100	49.673	nq	96
81) Benzo(a)anthracene	21.14	228	281630	43.690	nq	99
82) 3,3'-Dichlorobenzidine	21.09	252	73690	36.853	nq	97
83) Chrysene	21.19	228	268792	43.809	nq	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	155091	53.475	nq	97
85) Di-n-octyl phthalate	21.92	149	247691	53.176	nq	97
86) Indeno(1,2,3-cd)pyrene	25.51	276	245801	39.828	nq	99
88) Benzo(b)fluoranthene	22.69	252	239287	44.753	nq	99
89) Benzo(k)fluoranthene	22.73	252	241084	45.452	nq	99
90) Benzo(a)pyrene	23.25	252	222453	46.873	nq	99
91) Dibenzo(a,h)anthracene	25.51	278	199148	42.082	nq	99
92) Benzo(g,h,i)perylene	26.19	276	187973	45.576	nq	98

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



#1

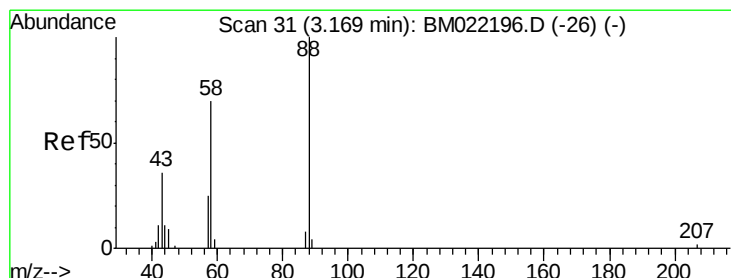
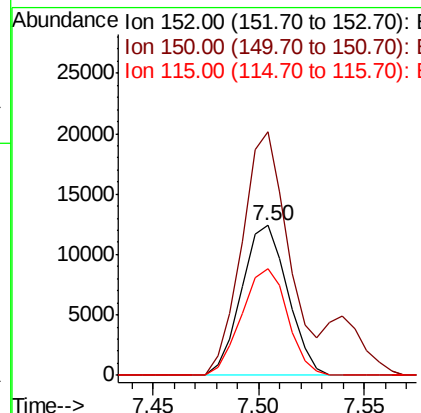
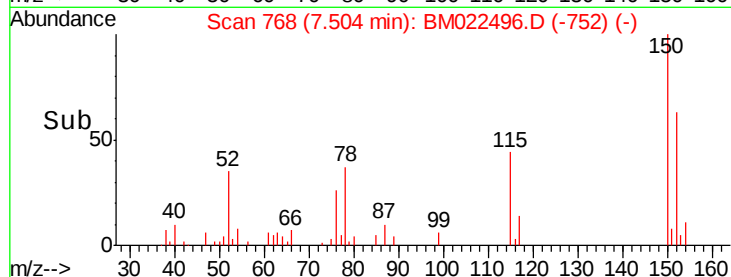
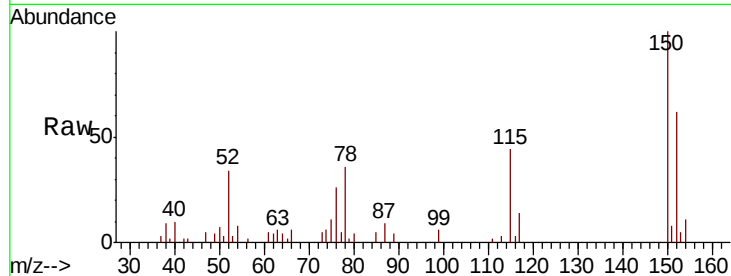
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleID :
PB122730BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	125.4	188.0
115	70.9	50.3	75.5

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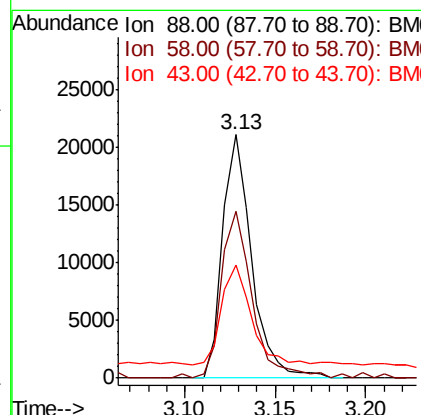
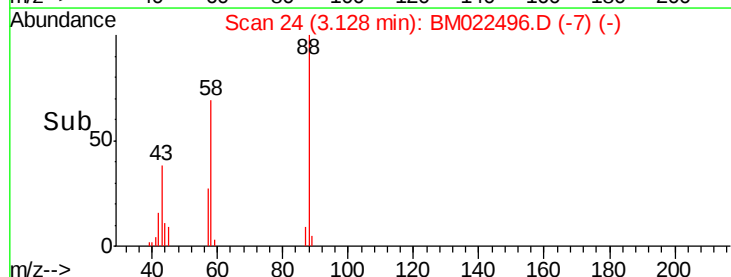
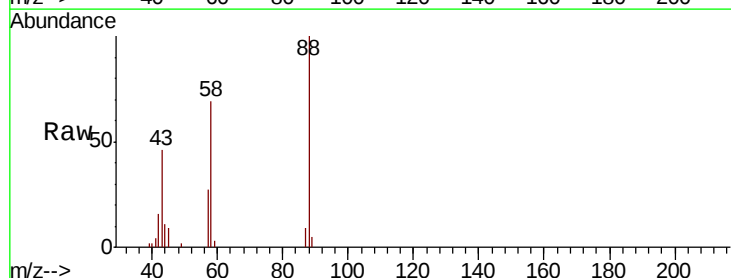
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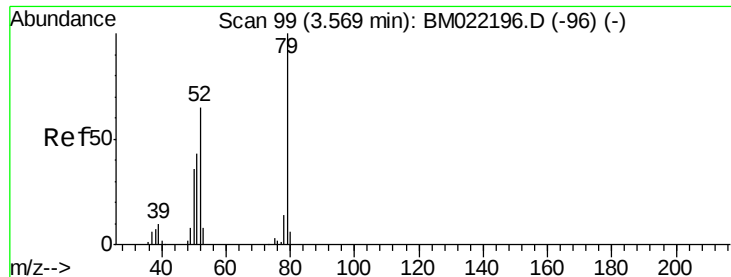


#2

1,4-Dioxane
Concen: 47.767 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	53.8	80.8
43	42.4	30.6	46.0





#3

Pvridine

Concen: 36.687 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

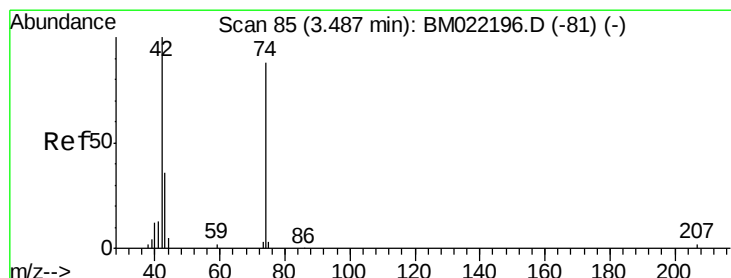
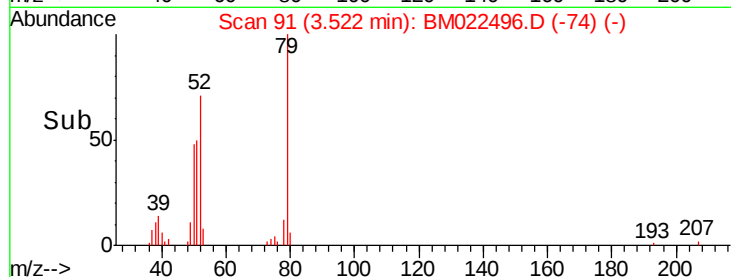
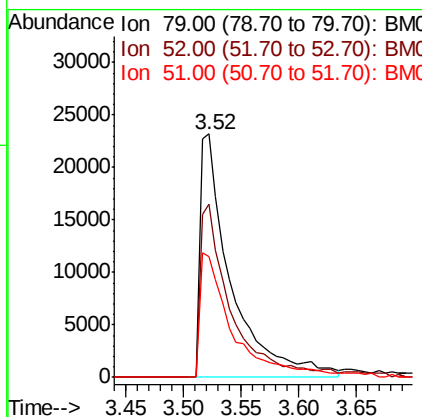
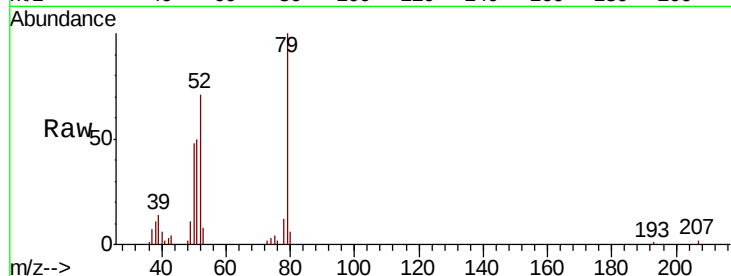
ClientSampleId :

PB122730BS

Tot Ion:	79	Resp:	43510
Ion	Ratio	Lower	Upper
79	100		
52	71.0	54.8	82.2
51	49.7	40.2	60.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.035 ng

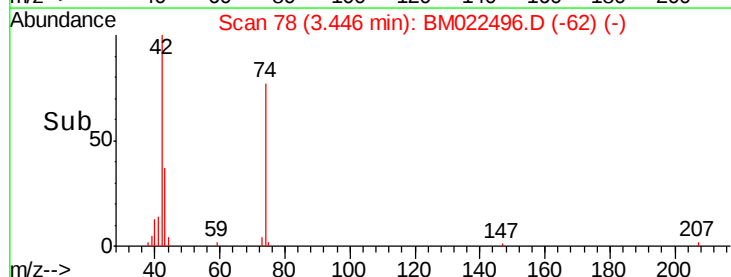
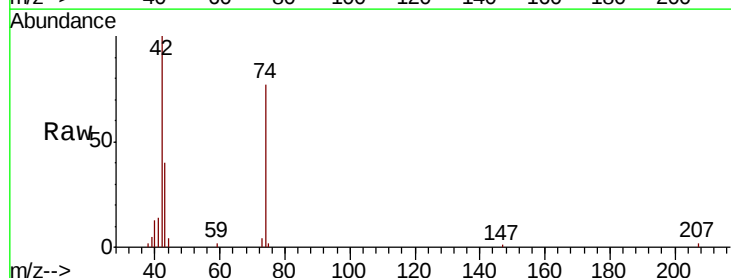
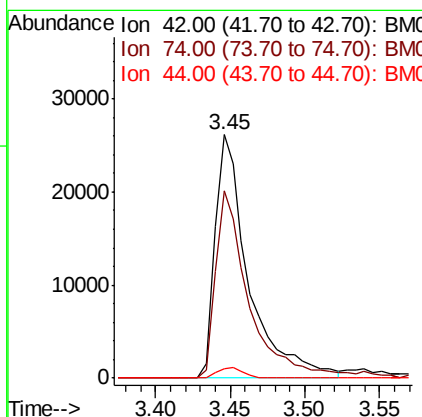
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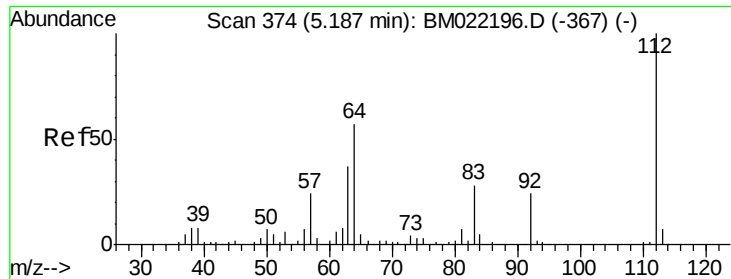
Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Tgt Ion:	42	Resp:	40912
Ion	Ratio	Lower	Upper
42	100		
74	77.2	63.0	94.6
44	3.8	3.0	4.6





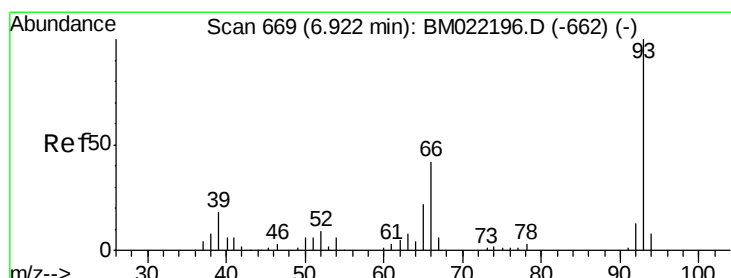
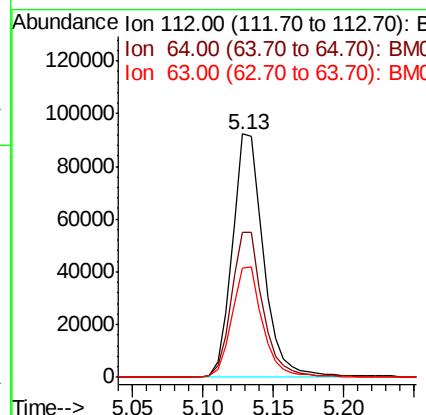
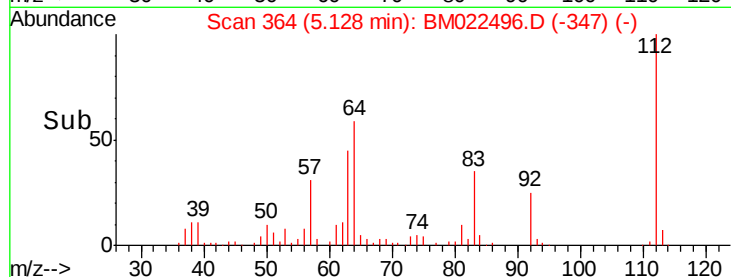
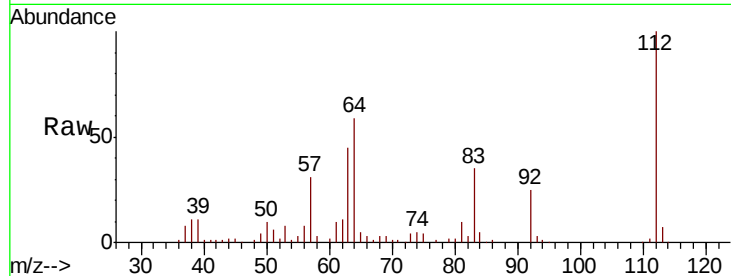
#5
2-Fluorophenol
Concen: 133.266 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.5	45.4	68.2
63	44.9	34.5	51.7

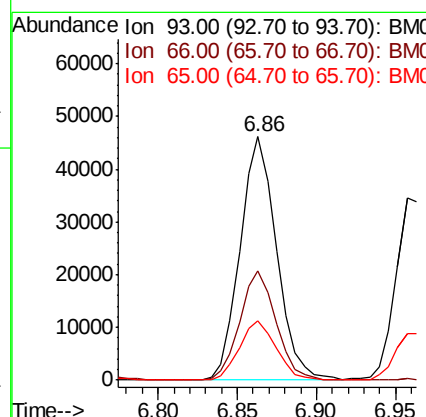
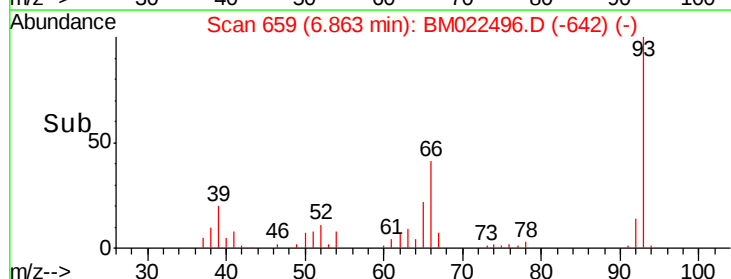
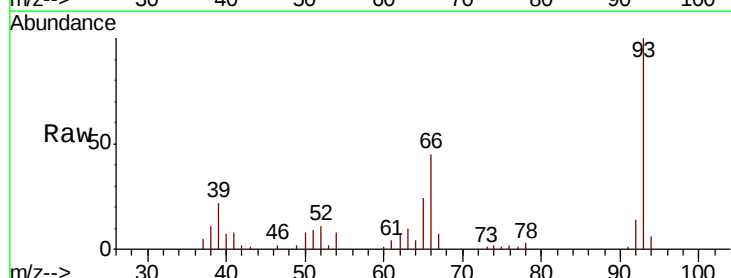
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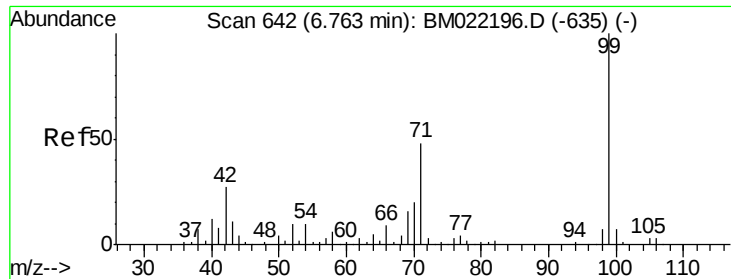
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#6
Aniline
Concen: 40.511 ng
RT: 6.86 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	44.7	34.7	52.1
65	24.2	18.8	28.2





#7

Phenol-d6

Concen: 122.600 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

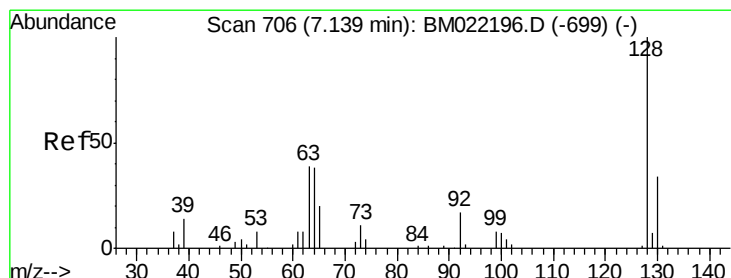
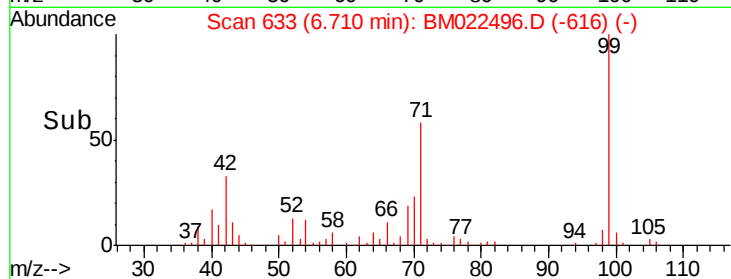
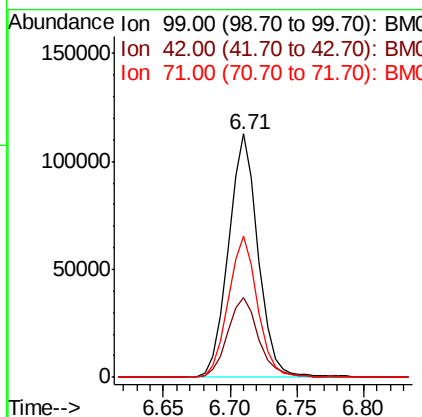
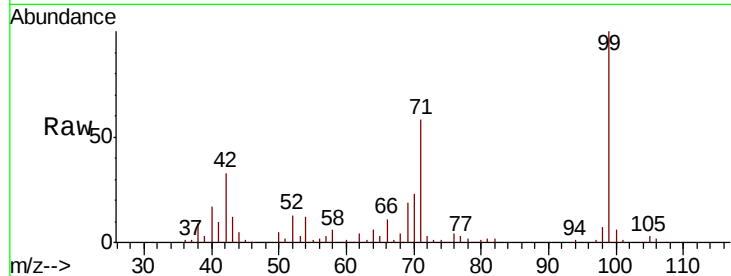
ClientSampleId :

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Tot Ion:	99	Resp:	175173
Ion Ratio	Lower	Upper	
99	100		
42	32.7	26.3	39.5
71	57.7	46.6	69.8

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#8

2-Chlorophenol

Concen: 49.813 ng

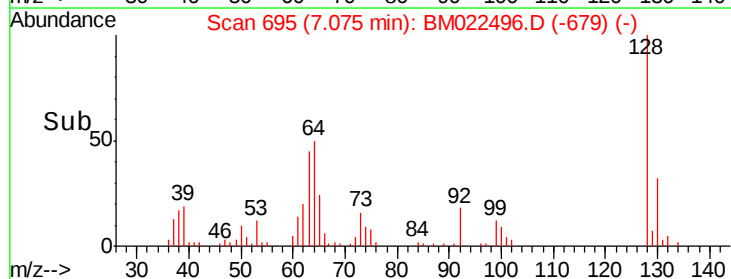
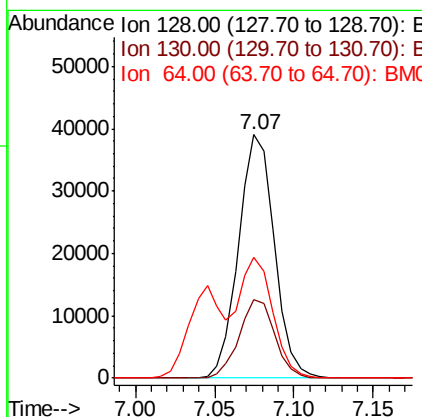
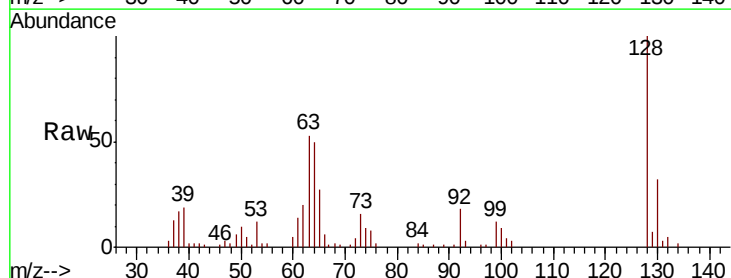
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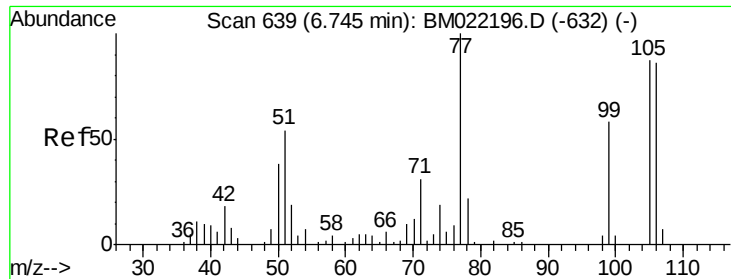
Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Tgt Ion:	128	Resp:	61261
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.5	51.5
64	49.7	26.7	66.7





#9

Benzaldehyde

Concen: 49.631 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

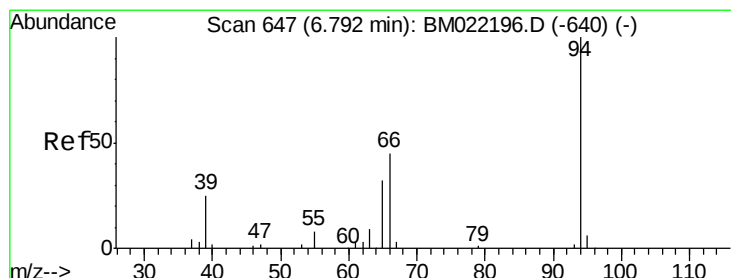
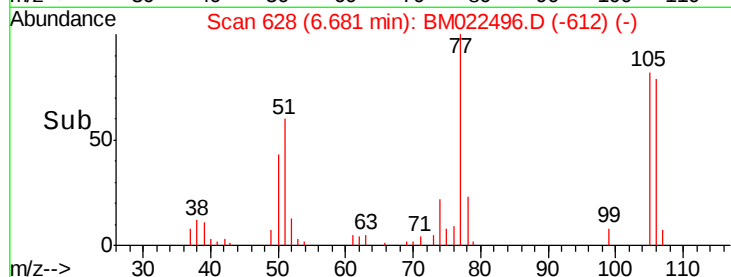
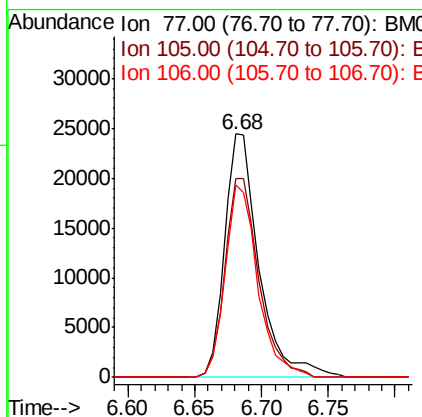
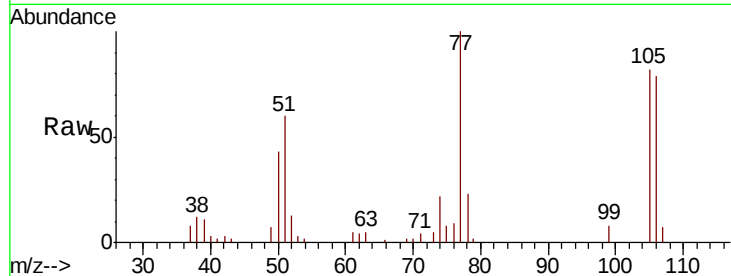
ClientSampleId :

PB122730BS

Tot Ion:	77	Resp:	44181
Ion	Ratio	Lower	Upper
77	100		
105	81.7	60.1	100.1
106	79.1	57.4	97.4

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#10

Phenol

Concen: 47.484 ng

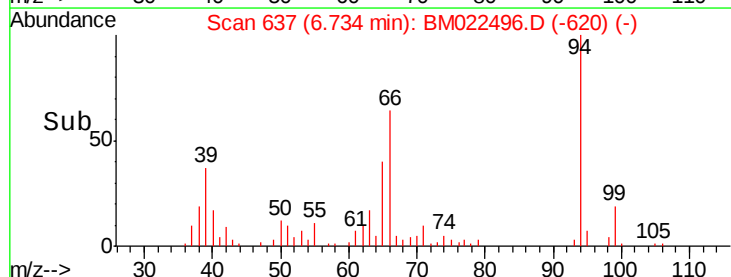
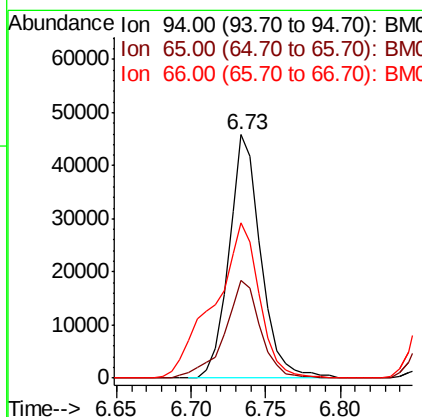
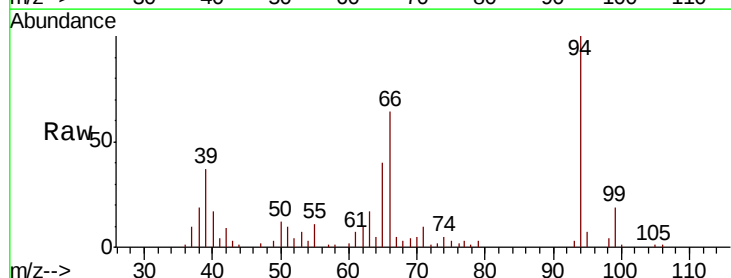
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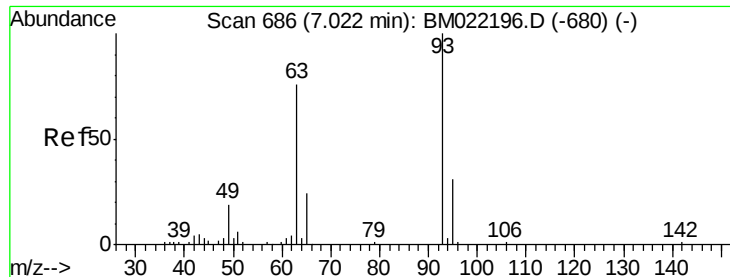
Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Tgt Ion:	94	Resp:	68158
Ion	Ratio	Lower	Upper
94	100		
65	39.9	17.7	57.7
66	63.9	39.6	79.6





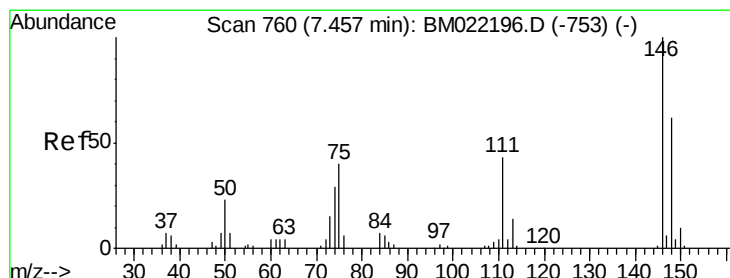
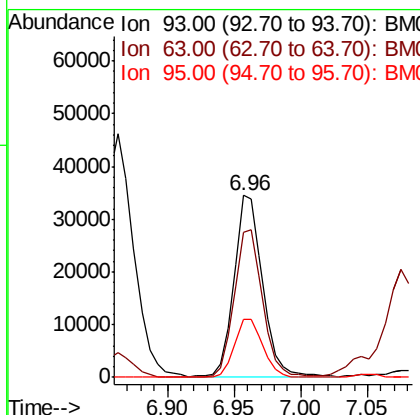
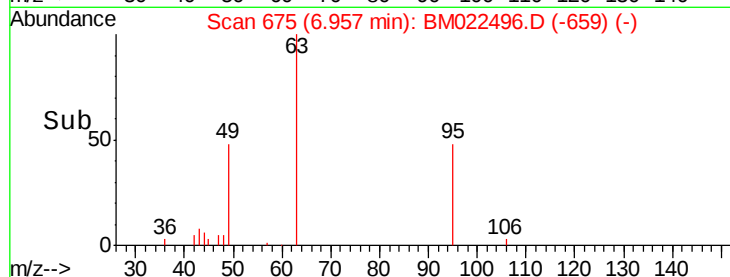
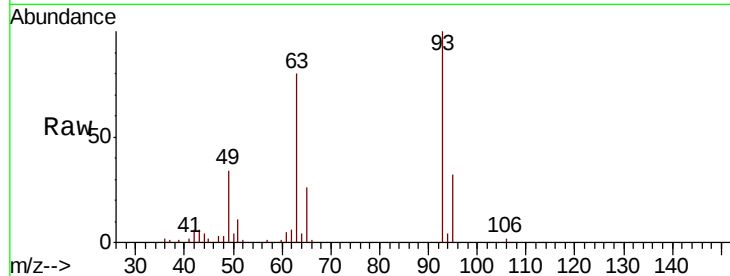
#11
bis(2-Chloroethyl)ether
Concen: 47.791 ng
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion:	93	Resp:	51770
Ion	Ratio	Lower	Upper
93	100		
63	79.9	59.1	99.1
95	31.7	12.0	52.0

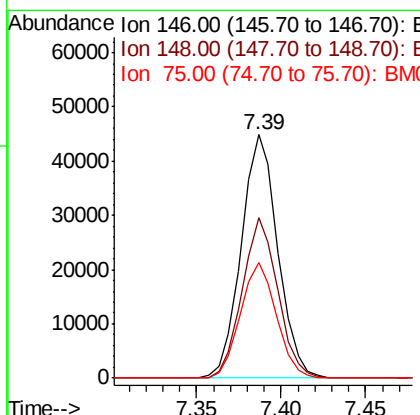
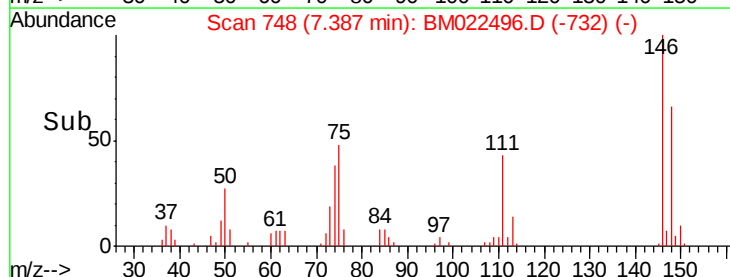
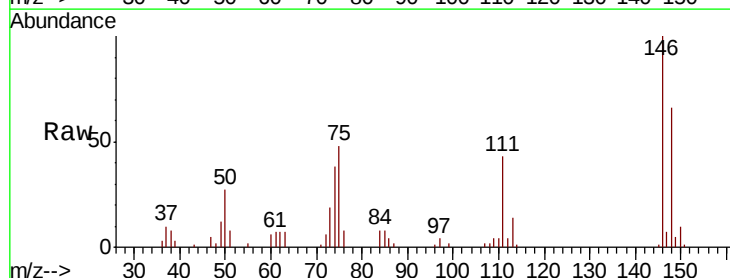
Manual Integrations
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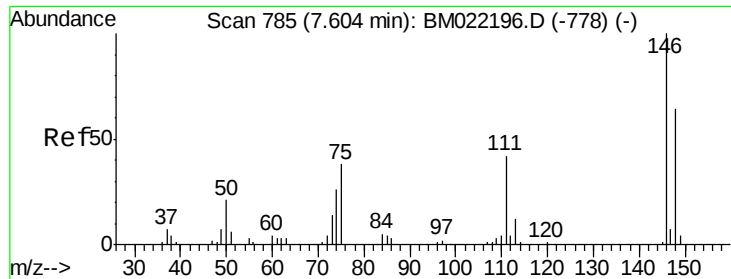
mohammad
9/6/2019 8:18:52 AM



#12
1,3-Dichlorobenzene
Concen: 45.202 ng
RT: 7.39 min Scan# 748
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:	146	Resp:	67451
Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.5	77.3
75	47.5	34.6	52.0





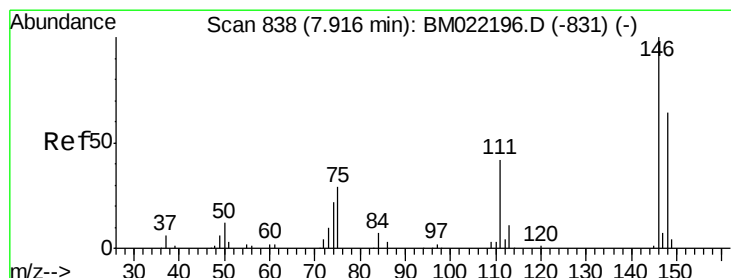
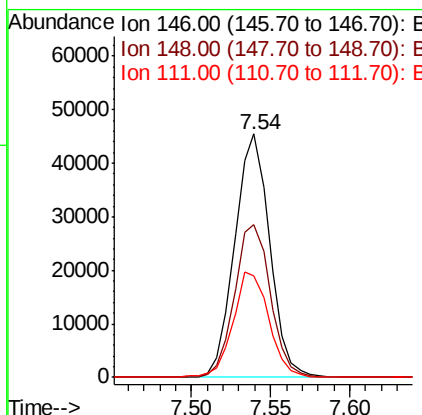
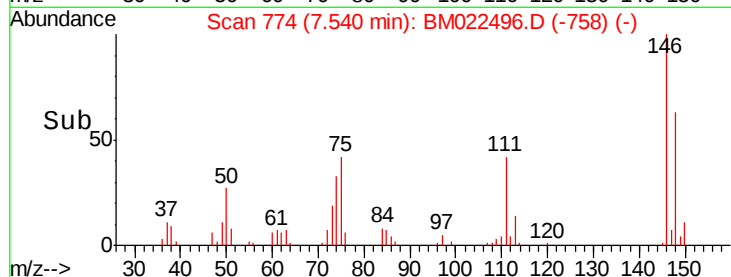
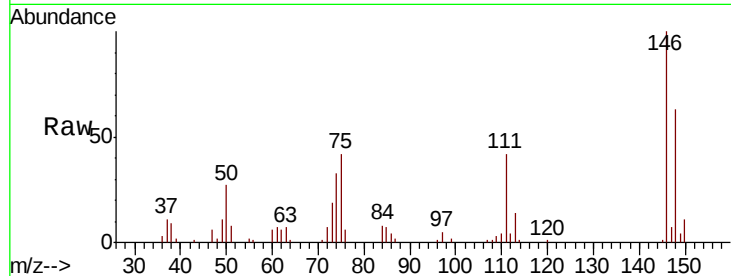
#13
 1,4-Dichlorobenzene
 Concen: 45.938 ng
 RT: 7.54 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.0
111	41.7	33.5	50.3

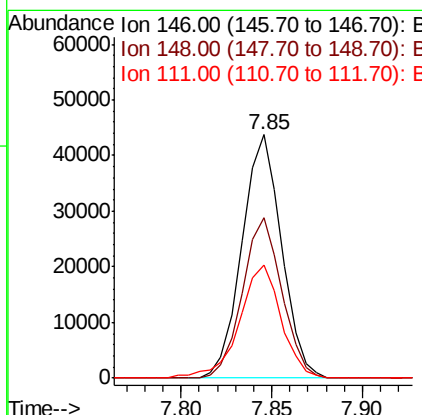
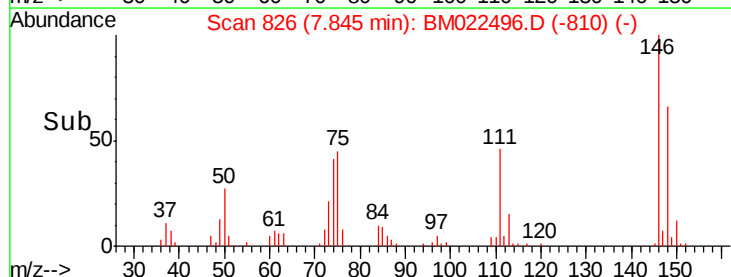
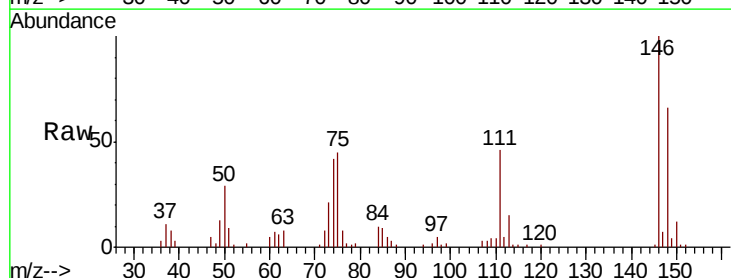
Manual Integrations
 APPROVED

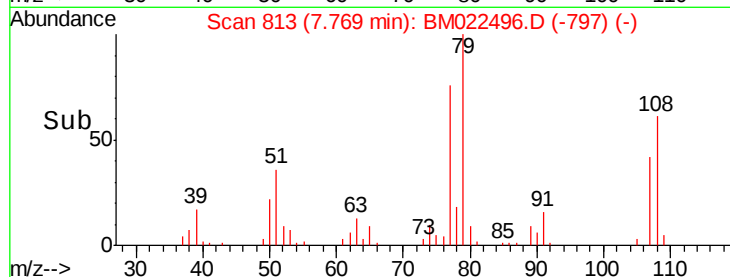
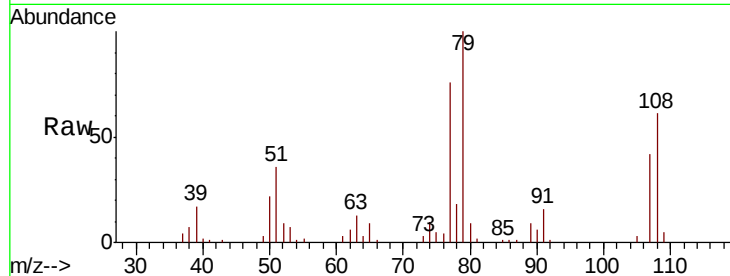
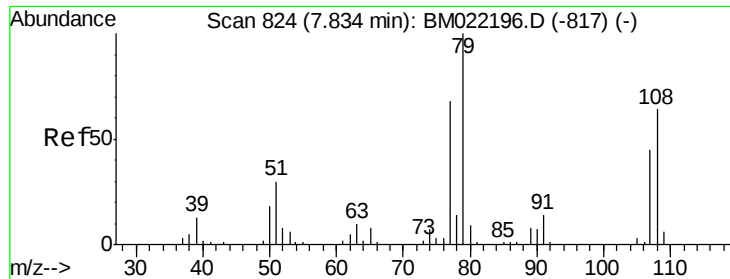
mohammad
 9/6/2019 8:18:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.836 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.7	82.1
111	46.3	36.7	55.1





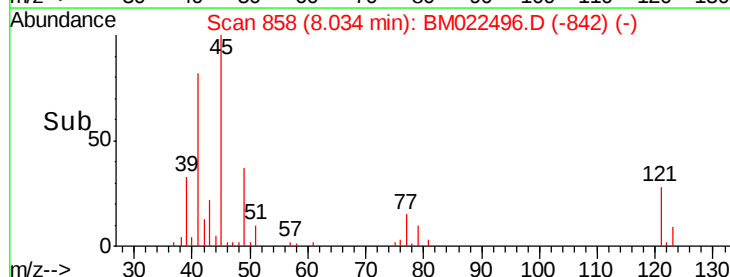
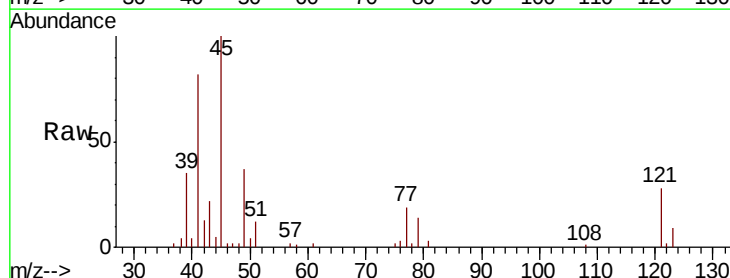
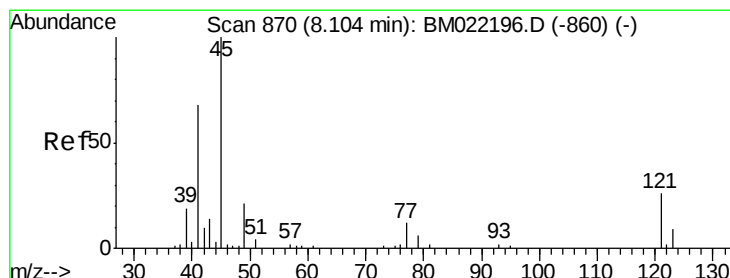
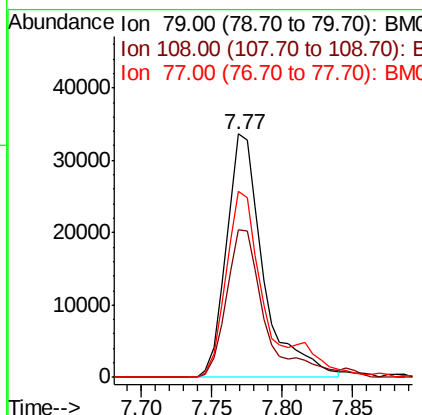
#15
Benzyl Alcohol
Concen: 45.412 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.5	48.2	72.4
77	76.3	56.6	85.0

Instrument :
BNA_M
ClientSampleID :
PB122730BS

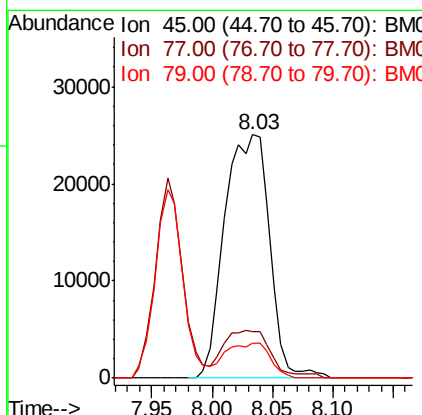
Manual Integrations
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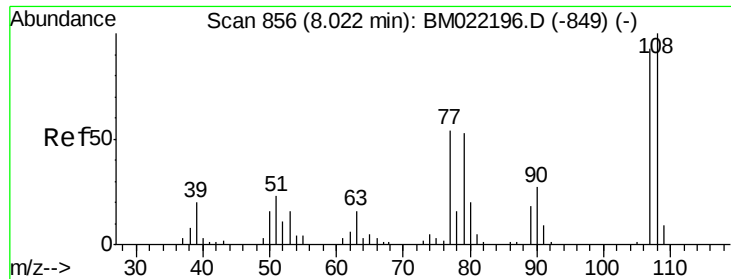
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.063 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.4	40.4
79	14.2	0.0	35.6





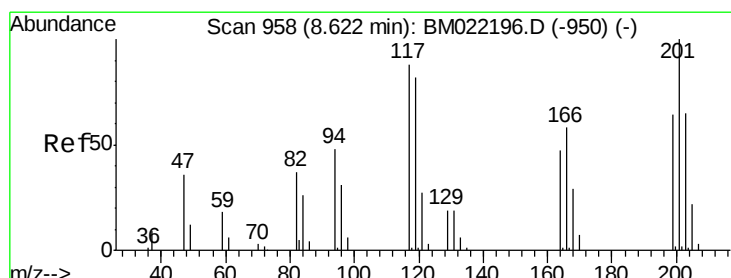
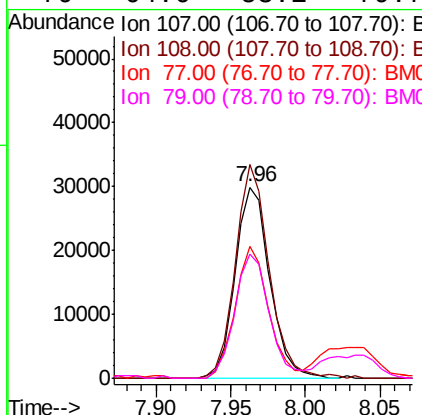
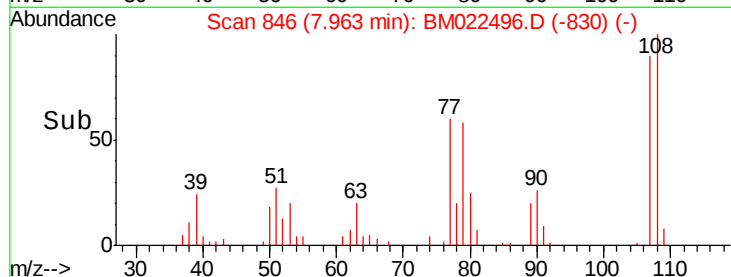
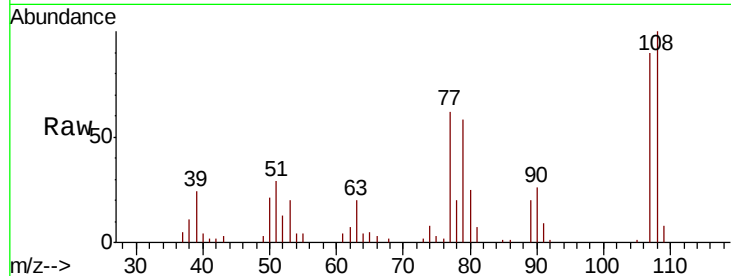
#17
2-Methylphenol
Concen: 46.254 ng
RT: 7.96 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampled :
PB122730BS

Tot Ion:	107	Resp:	48283
Ion Ratio	Lower	Upper	
107	100		
108	111.6	89.6	134.4
77	68.9	55.3	82.9
79	64.6	53.1	79.7

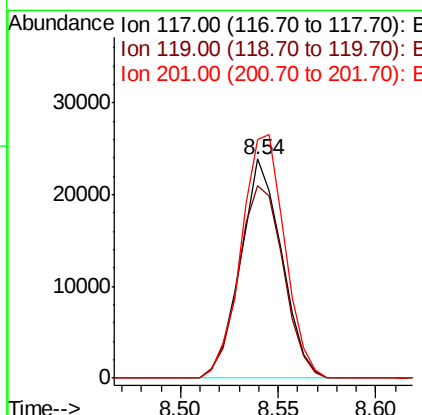
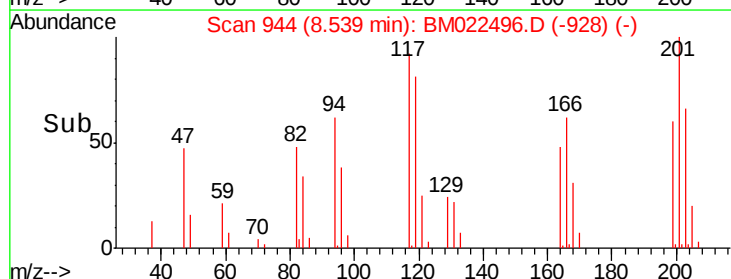
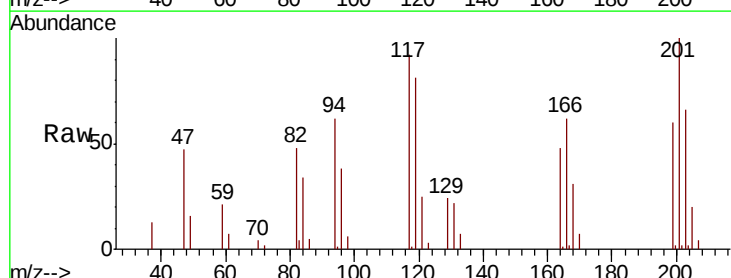
Manual Integrations
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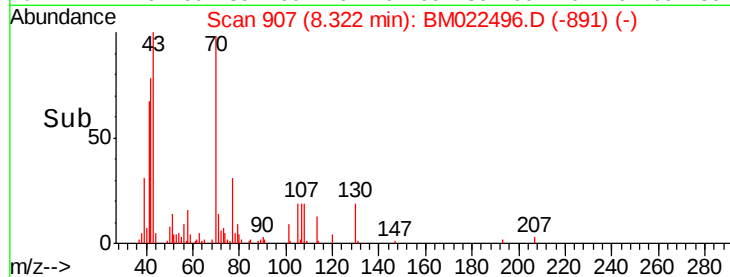
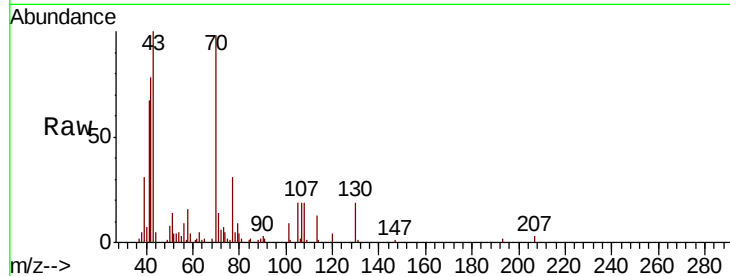
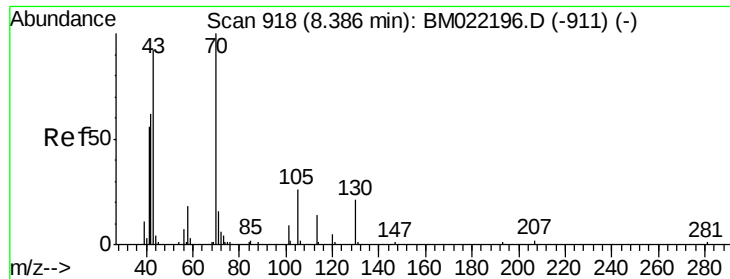
mohammad
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#18
Hexachloroethane
Concen: 49.968 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:	117	Resp:	35028
Ion Ratio	Lower	Upper	
117	100		
119	88.0	77.4	116.0
201	109.2	99.6	149.4





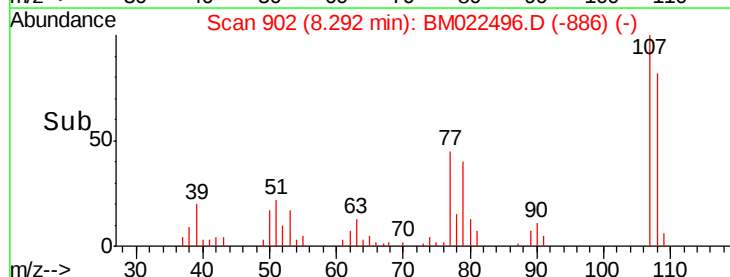
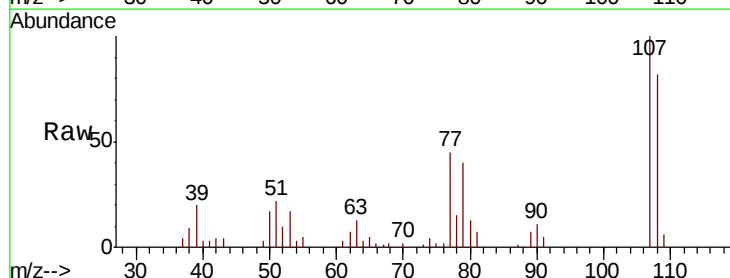
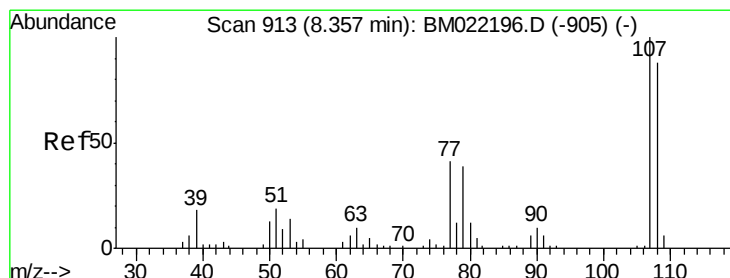
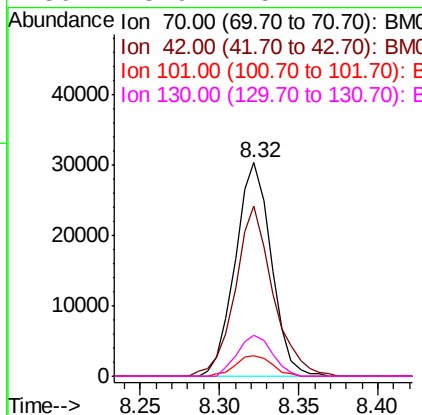
#19
n-Nitroso-di-n-propylamine
Concen: 43.080 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	79.6	56.2	84.4	
101	9.4	7.6	11.4	
130	18.9	15.1	22.7	

Instrument :
BNA_M
ClientSampleId :
PB122730BS

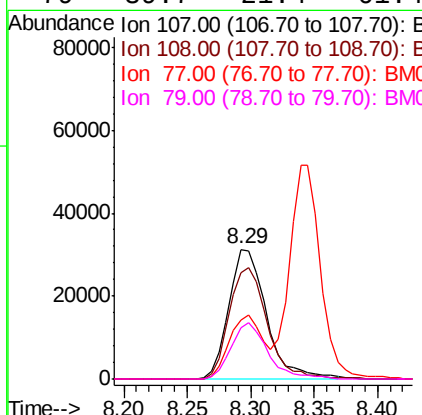
Manual Integrations
APPROVED

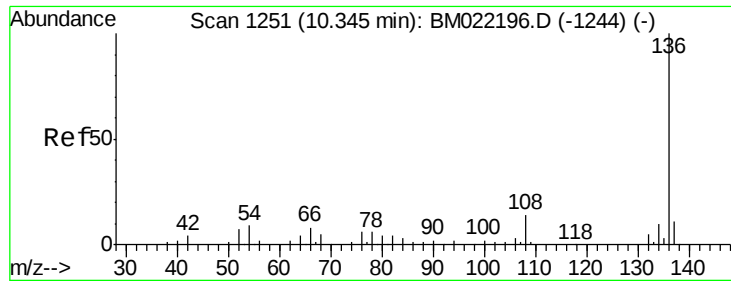
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#20
3+4-Methylphenols
Concen: 45.217 ng
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.1	68.5	108.5	
77	45.2	29.0	69.0	
79	39.7	21.4	61.4	





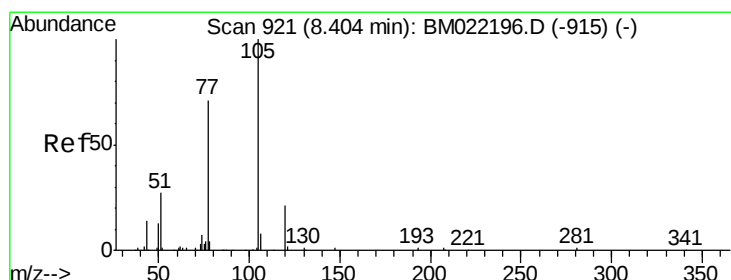
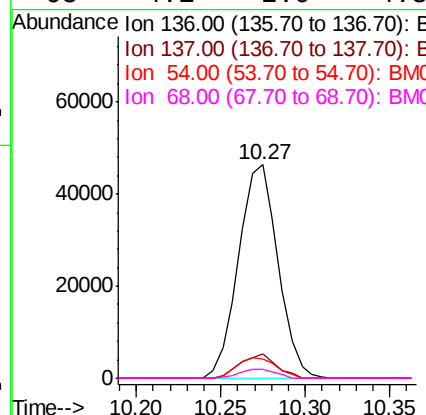
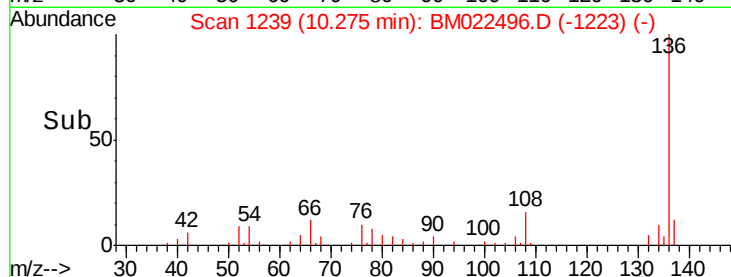
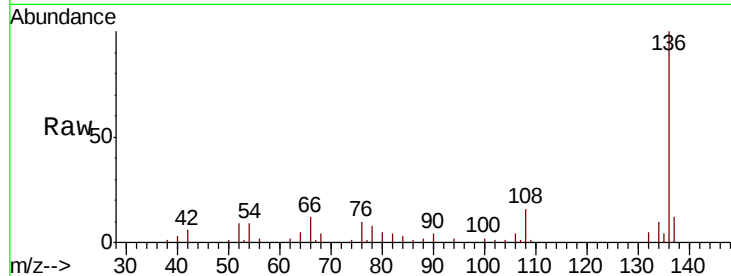
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	9.0	7.0	10.6
68	4.1	2.9	4.3

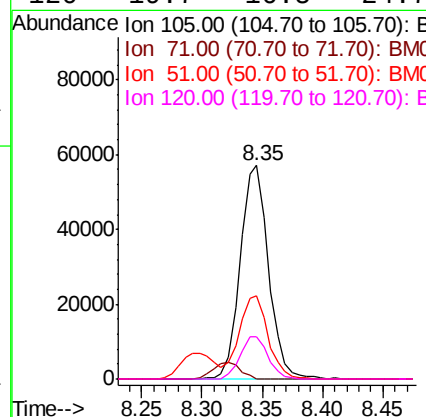
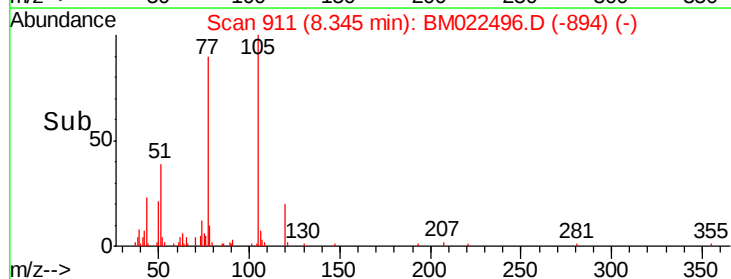
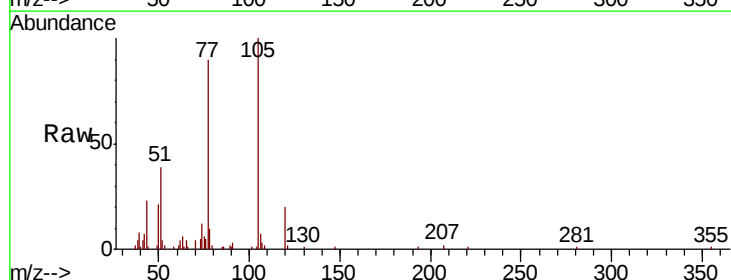
Manual Integrations
APPROVED

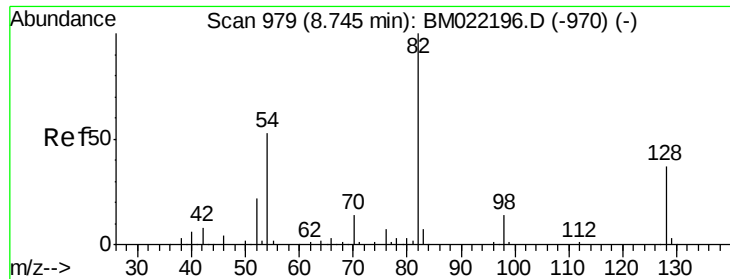
mohammad
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#22
Acetophenone
Concen: 44.692 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	38.9	30.6	46.0
120	19.7	16.5	24.7





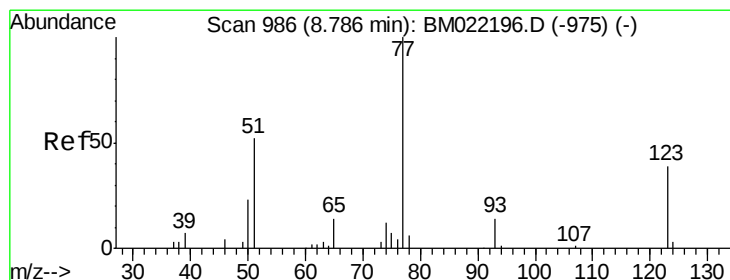
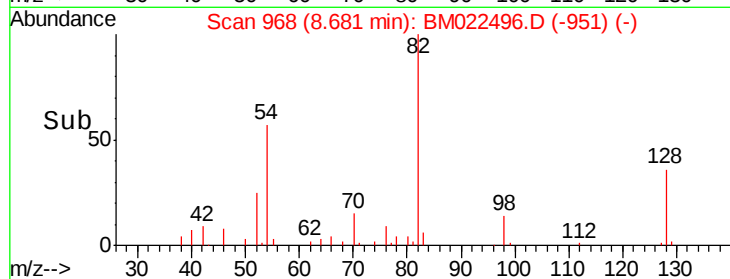
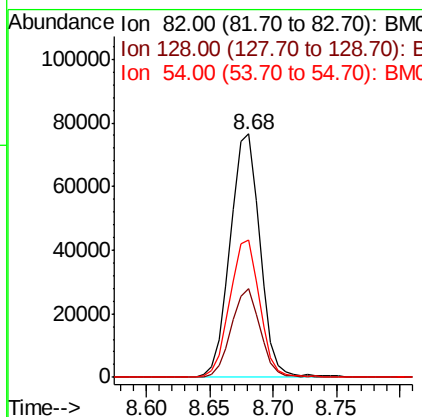
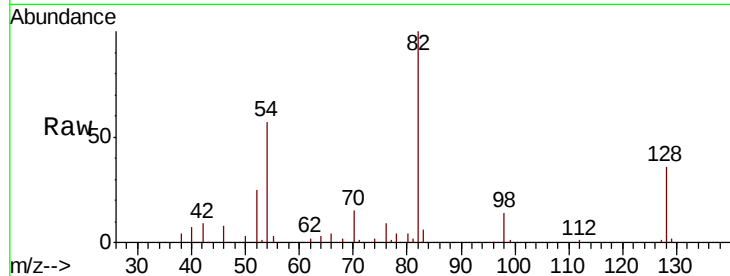
#23
 Nitrobenzene-d5
 Concen: 72.056 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleID :
 PB122730BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	27.9	41.9
54	56.6	45.2	67.8

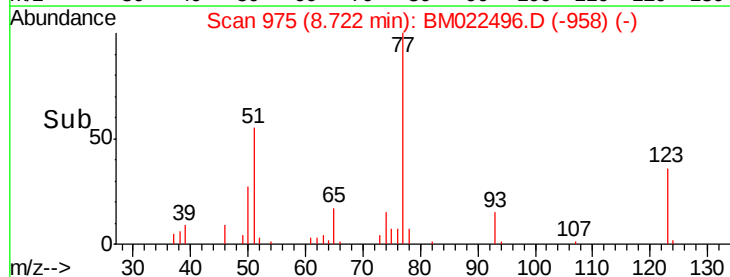
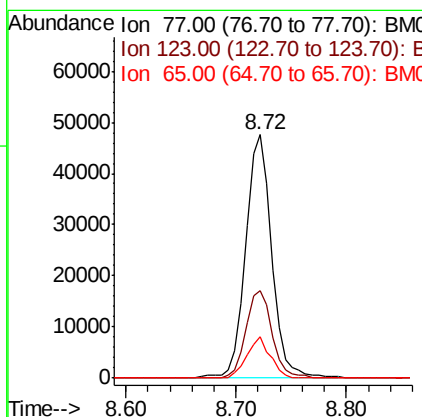
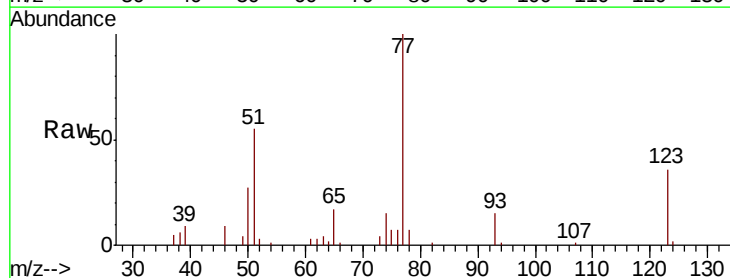
Manual Integrations
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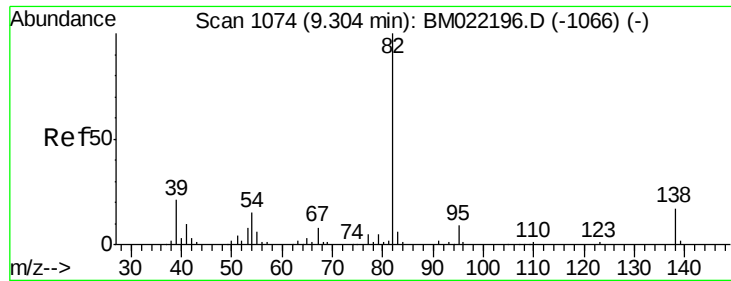
mohammad
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#24
 Nitrobenzene
 Concen: 47.616 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	30.0	45.0
65	17.0	11.5	17.3





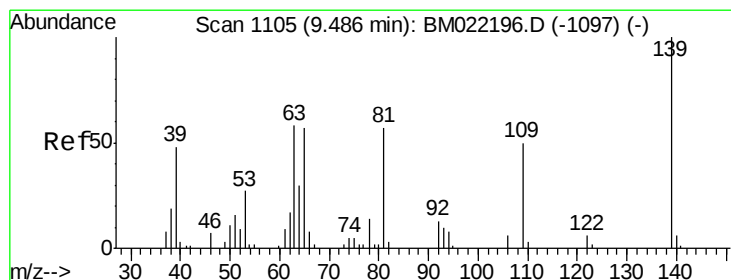
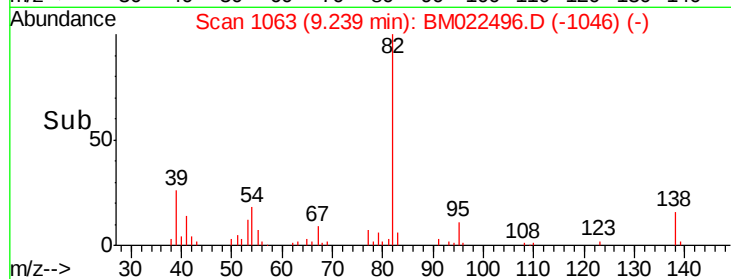
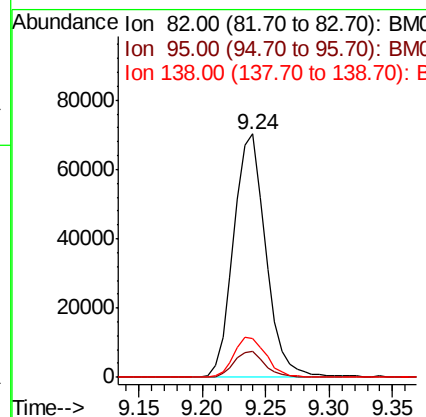
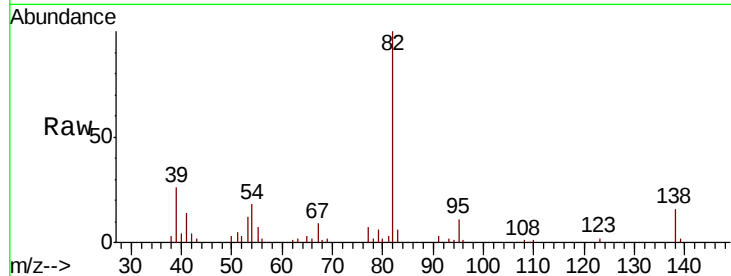
#25
Isophorone
Concen: 45.627 ng
RT: 9.24 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	82	Resp	123757
Ion Ratio	Lower	Upper	
82	100		
95	10.6	8.6	13.0
138	15.8	14.4	21.6

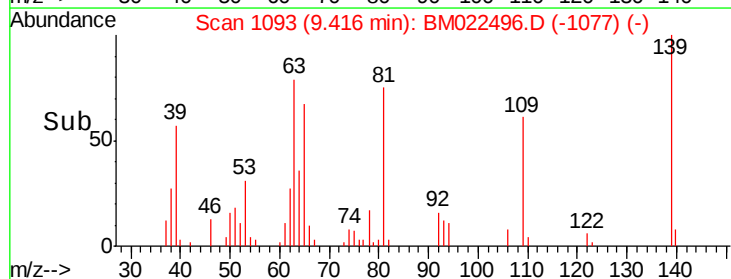
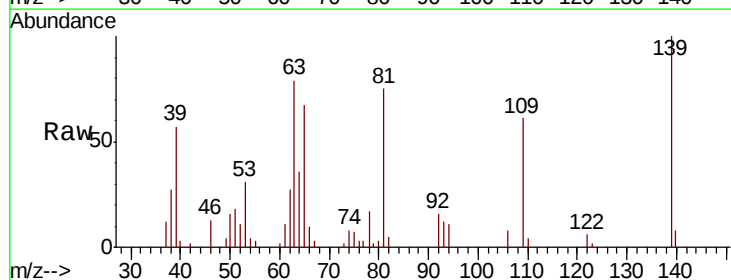
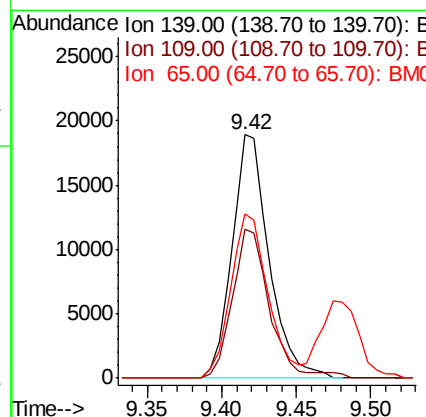
Manual Integrations
APPROVED

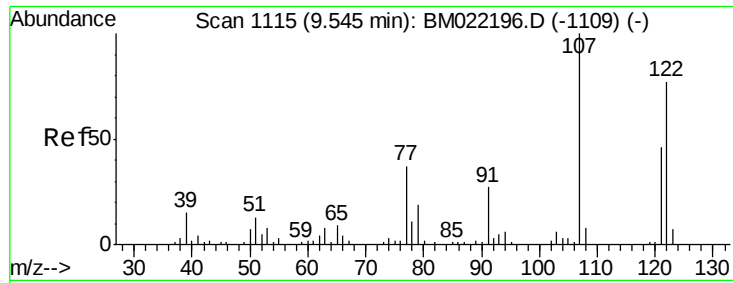
mohammad
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#26
2-Nitrophenol
Concen: 49.065 ng
RT: 9.42 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	139	Resp	32683
Ion Ratio	Lower	Upper	
139	100		
109	60.9	47.0	70.4
65	67.5	52.3	78.5





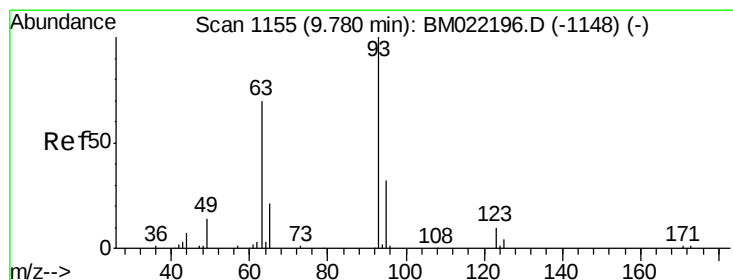
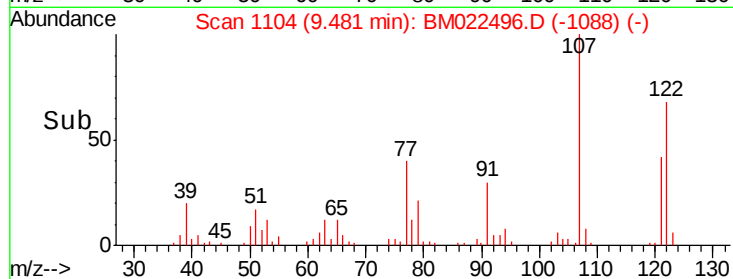
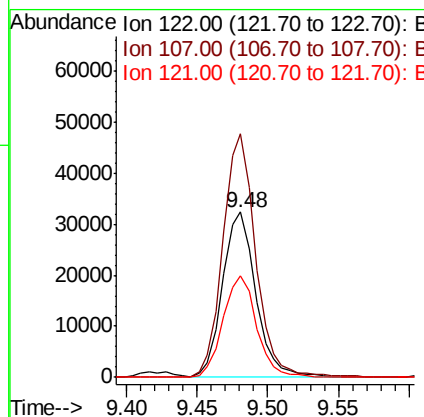
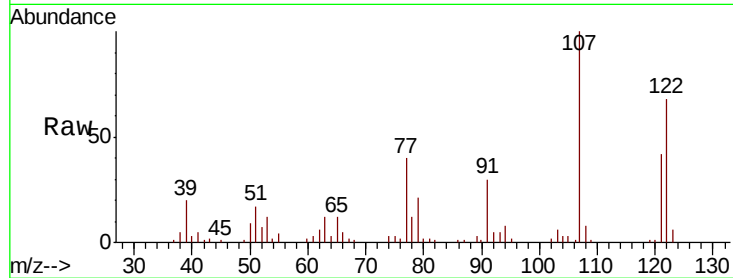
#27
 2,4-Dimethylphenol
 Concen: 53.661 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	147.5	116.2	174.4
121	61.3	49.1	73.7

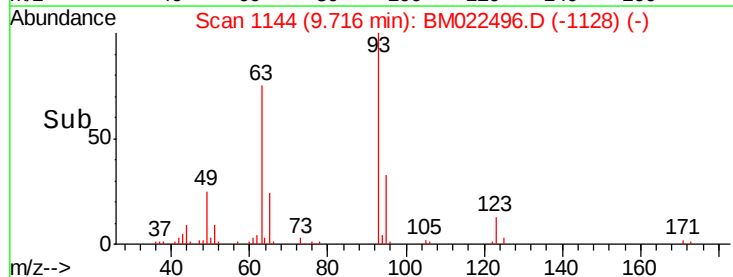
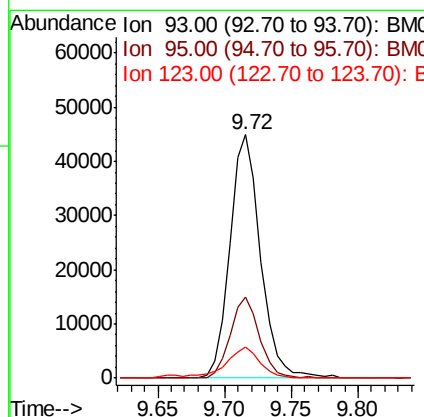
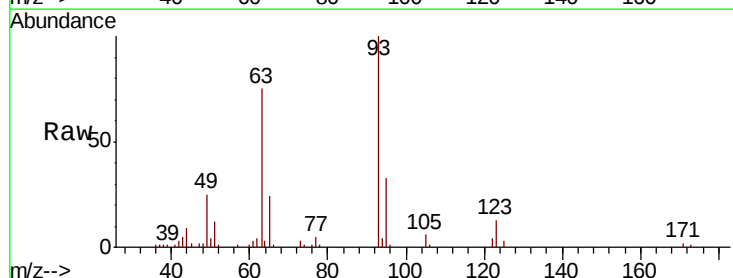
Manual Integrations
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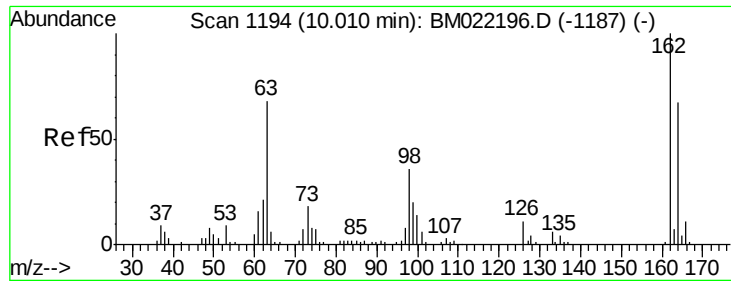
mohammad
 9/6/2019 8:18:52 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.838 ng
 RT: 9.72 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.5	41.3
123	12.7	9.6	14.4





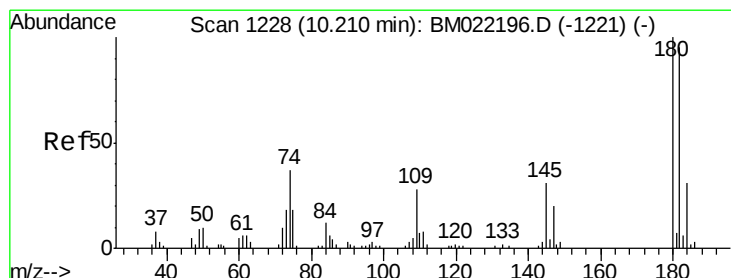
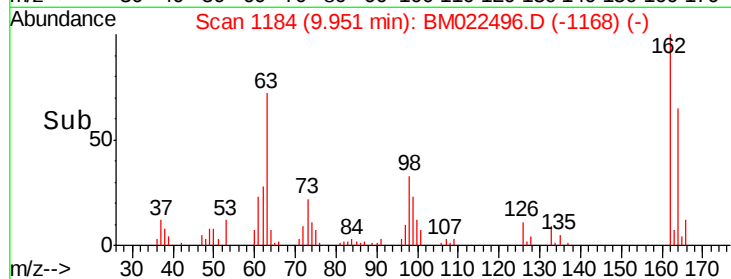
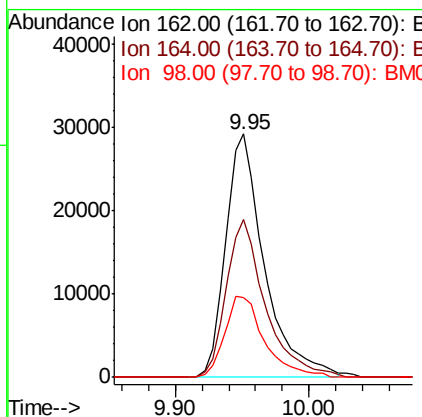
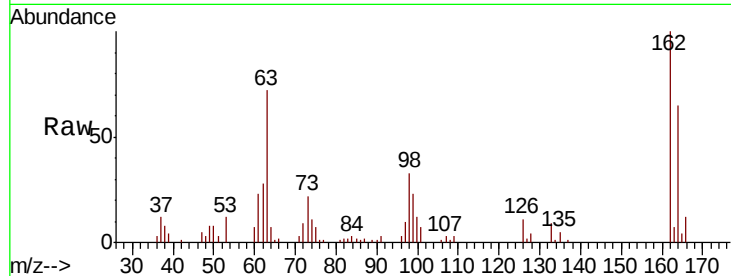
#29
 2,4-Dichlorophenol
 Concen: 45.533 ng
 RT: 9.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	59195		
164	64.6	51.2	91.2	
98	32.6	14.1	54.1	

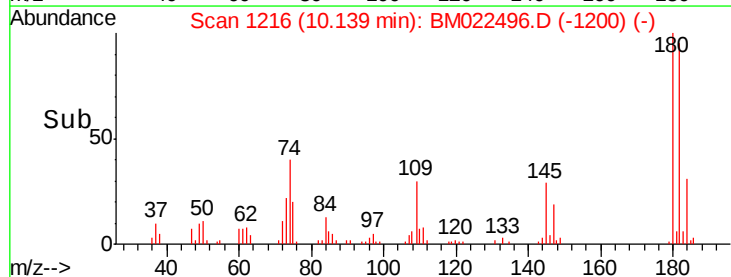
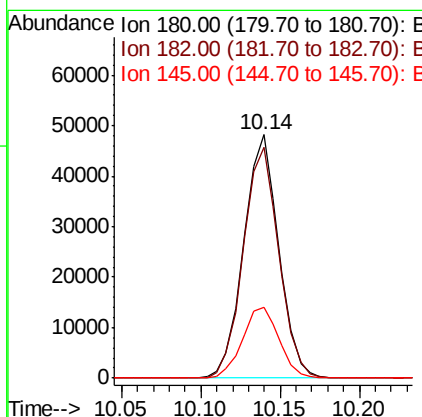
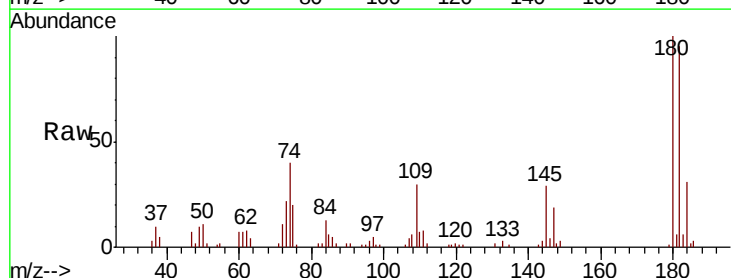
Manual Integrations
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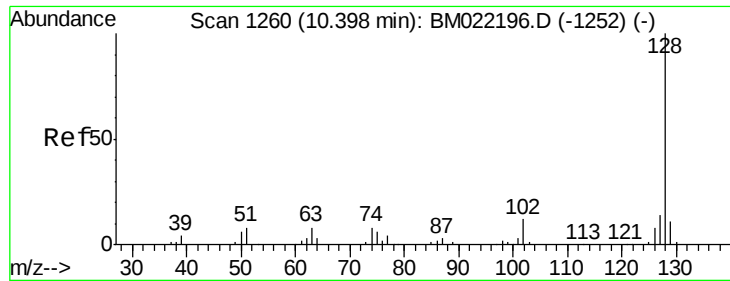
mohammad
 9/6/2019 8:18:52 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.595 ng
 RT: 10.14 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	73826		
182	95.0	77.0	115.4	
145	29.1	23.0	34.6	





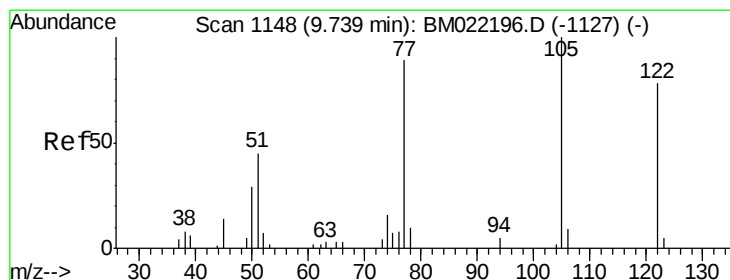
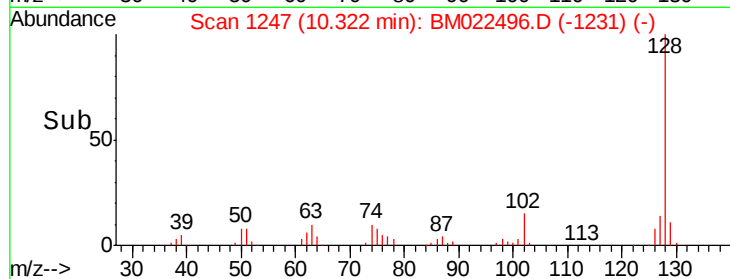
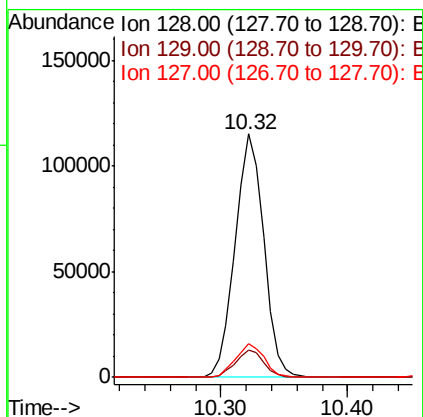
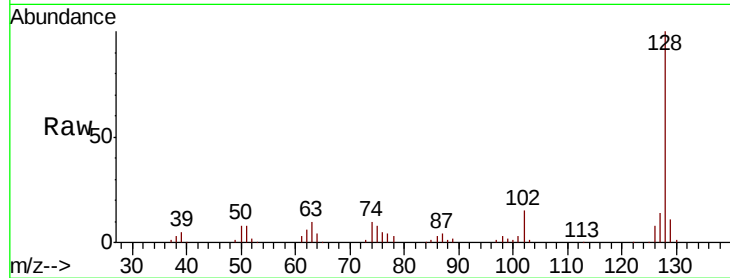
#31
Naphthalene
Concen: 45.891 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.9	11.0	16.4

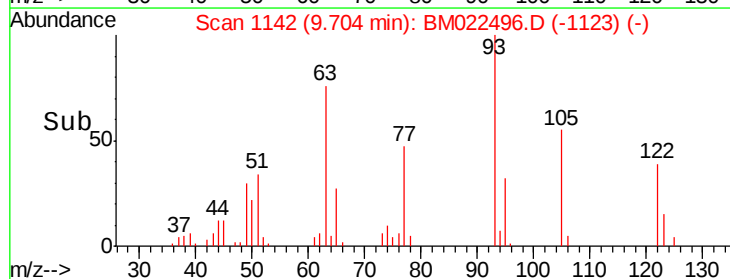
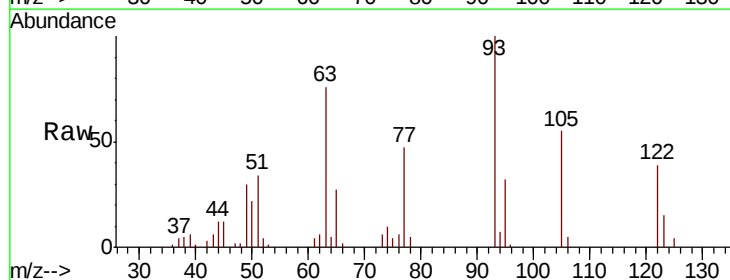
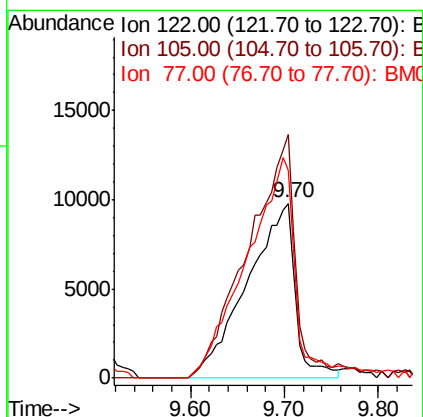
Manual Integrations
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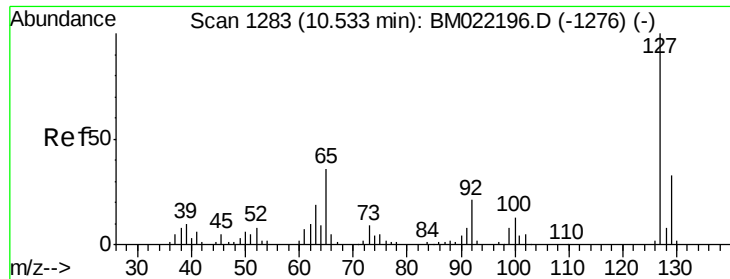
mohammad
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#32
Benzoic acid
Concen: 44.554 ng
RT: 9.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.1	109.3	149.3
77	119.1	105.5	145.5





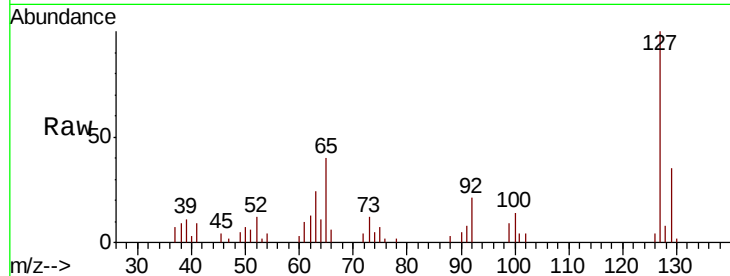
#33
4-Chloroaniline
Concen: 20.804 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampled :
PB122730BS

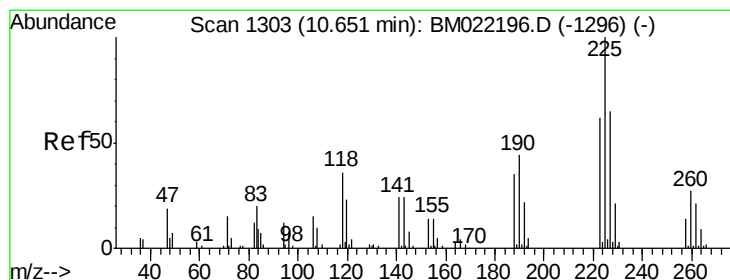
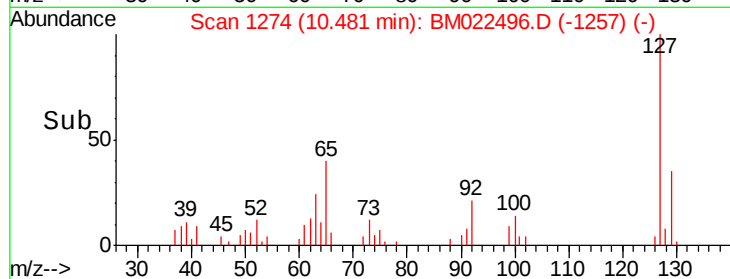
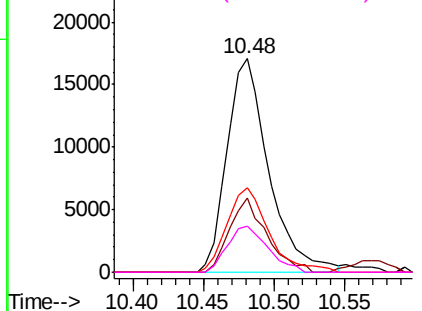
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.7	24.2	36.2		
65	39.6	31.0	46.4		
92	21.5	16.4	24.6		

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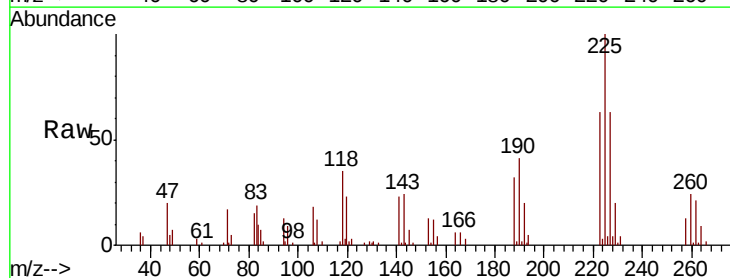


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

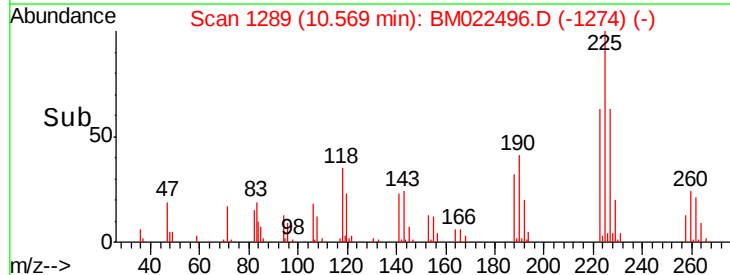
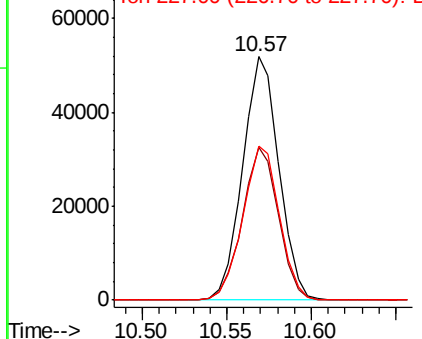


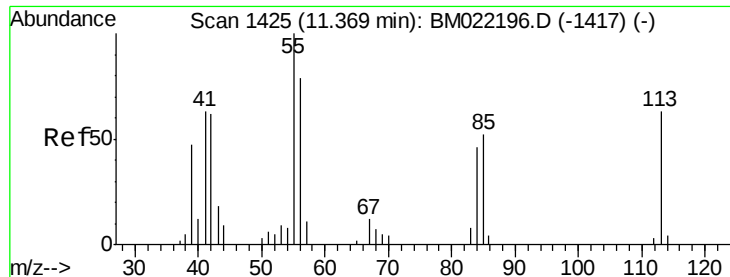
#34
Hexachlorobutadiene
Concen: 47.524 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	49.3	73.9		
227	63.4	52.6	79.0		



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





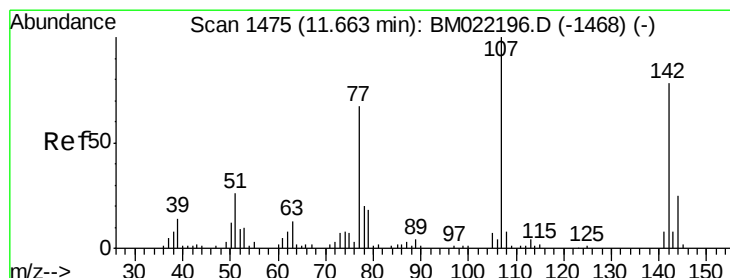
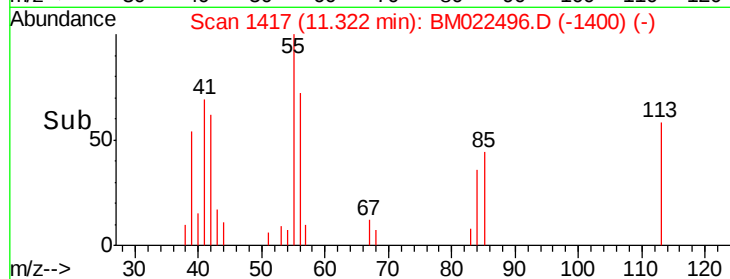
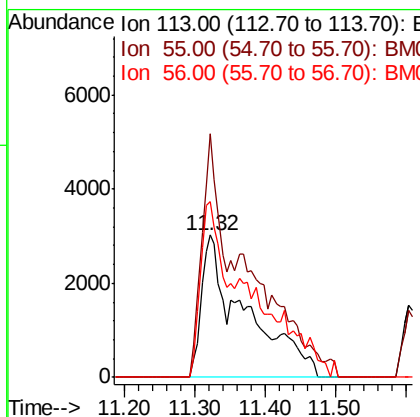
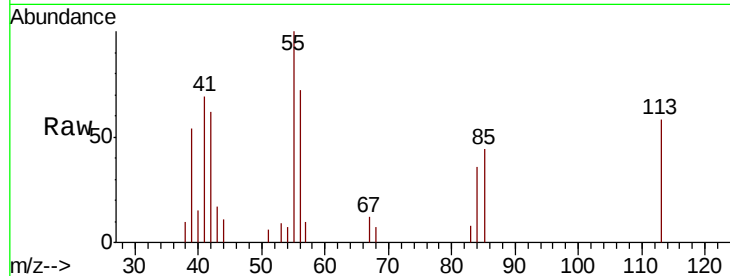
#35
 Caprolactam
 Concen: 39.660 ng/ml
 RT: 11.32 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleID :
 PB122730BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.4	140.0	180.0
56	123.9	117.6	157.6

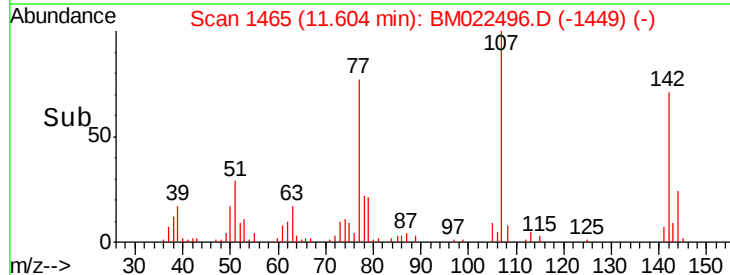
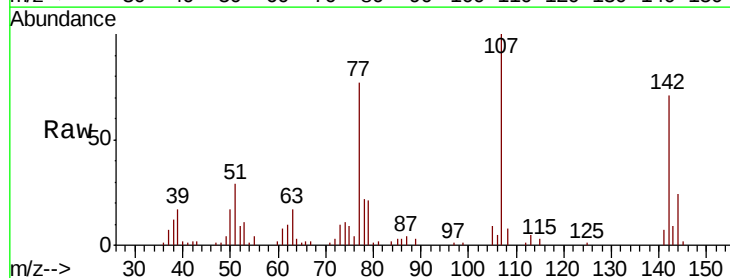
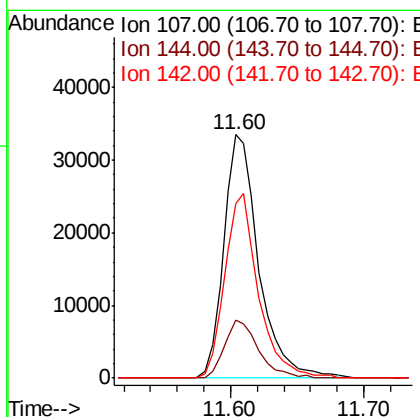
Manual Integrations
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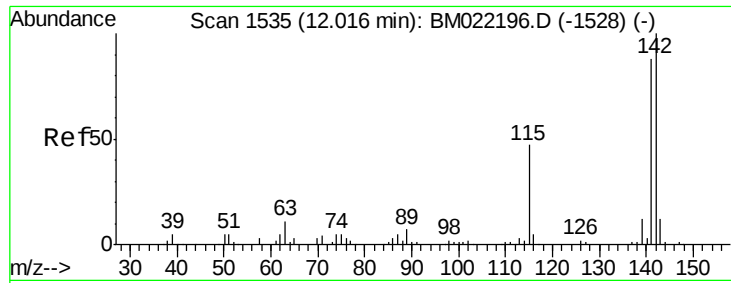
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.764 ng/ml
 RT: 11.60 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.8	29.6
142	71.4	63.1	94.7





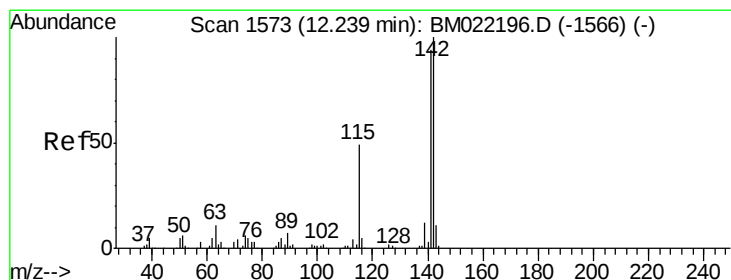
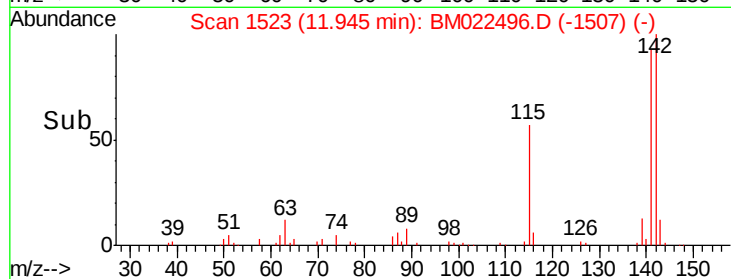
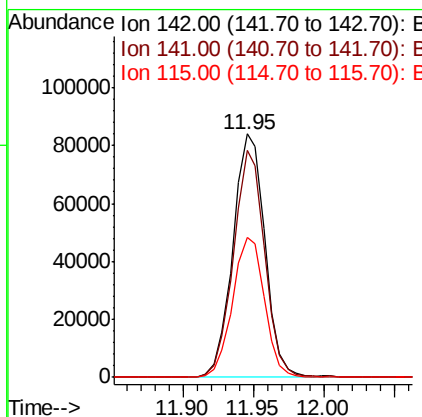
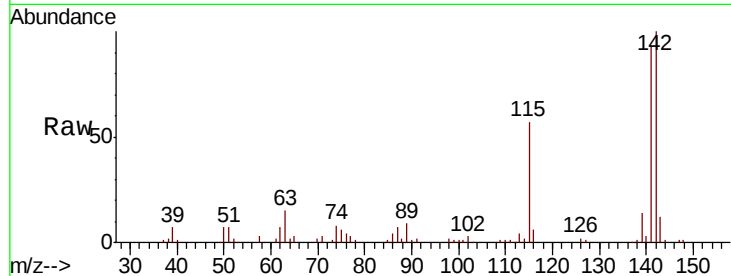
#37
2-Methylnaphthalene
Concen: 44.378 ng
RT: 11.95 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.2	108.2
115	57.4	43.2	64.8

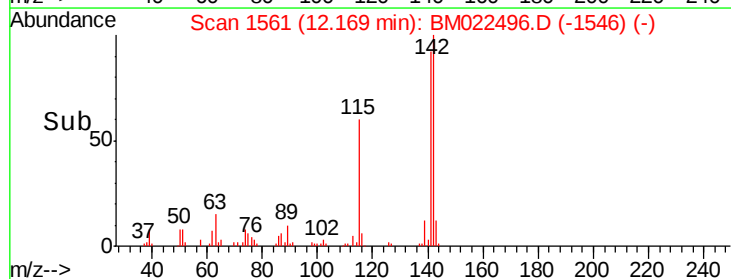
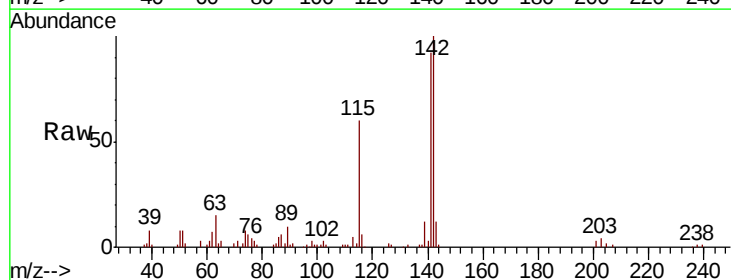
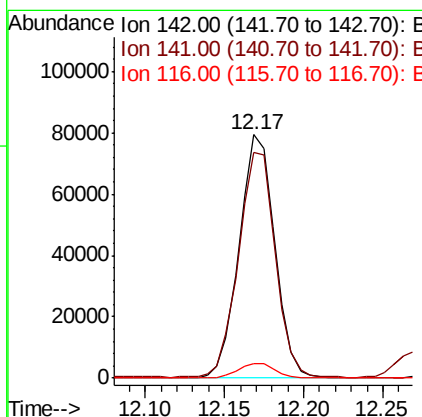
Manual Integrations
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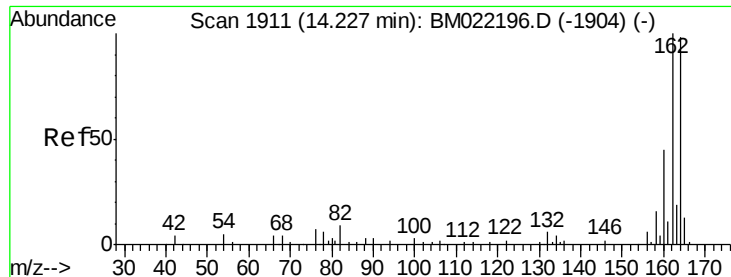
mohammad
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#38
1-Methylnaphthalene
Concen: 42.928 ng
RT: 12.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	77.3	115.9
116	6.1	4.9	7.3





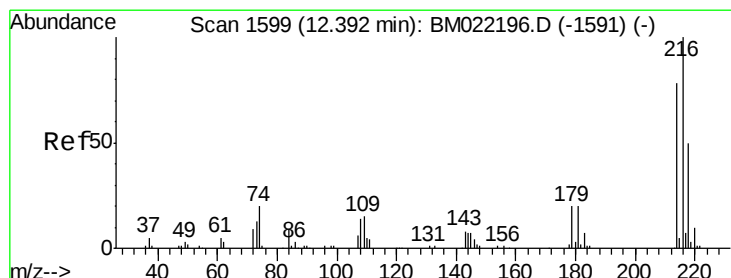
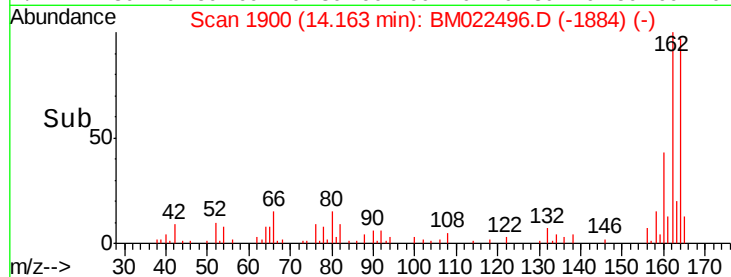
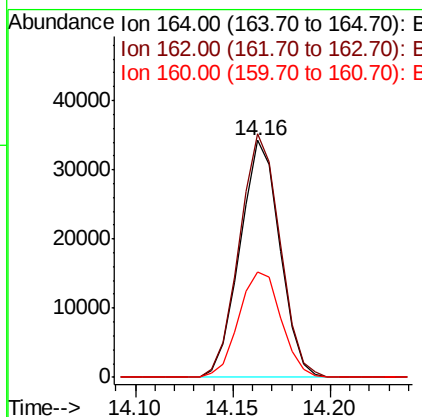
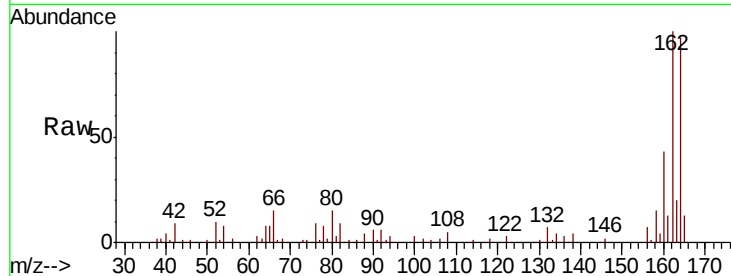
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	121.0
160	44.3	37.3	55.9

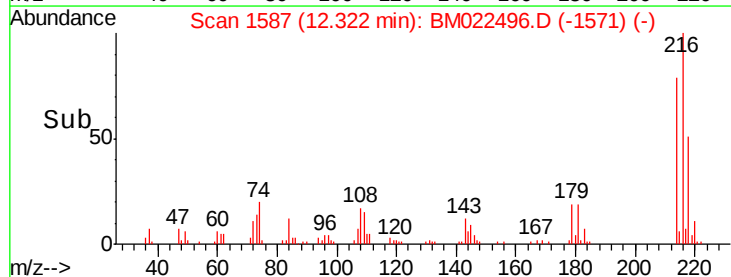
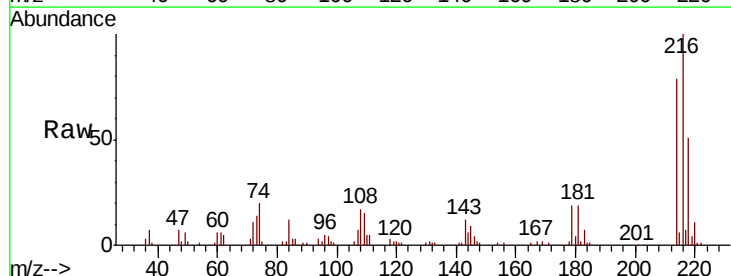
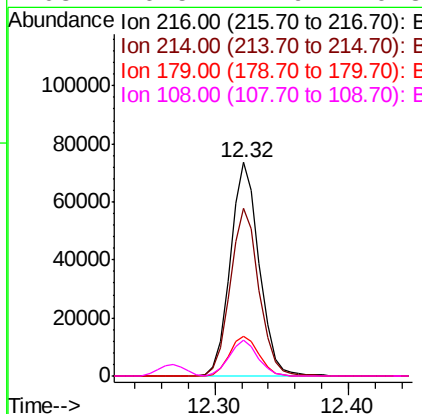
Manual Integrations
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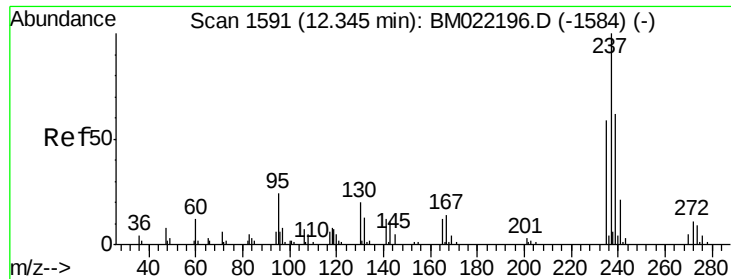
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.100 ng
RT: 12.32 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	61.0	91.4
179	19.1	15.2	22.8
108	16.5	12.9	19.3





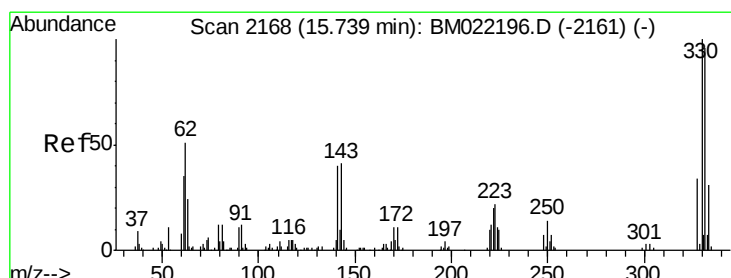
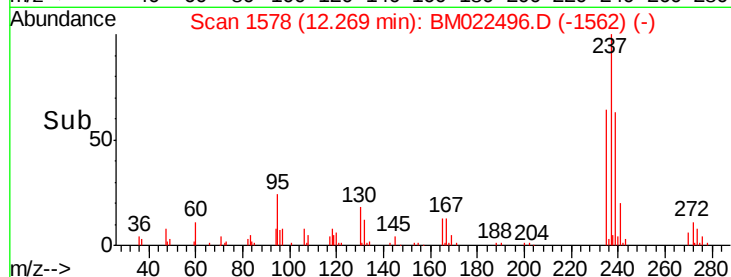
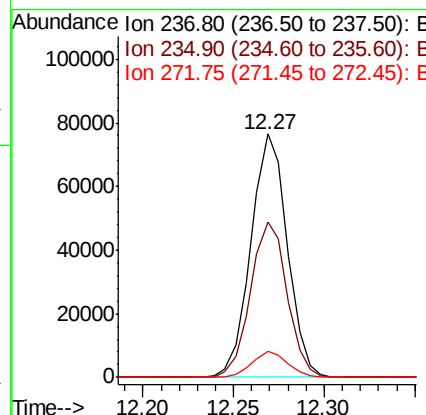
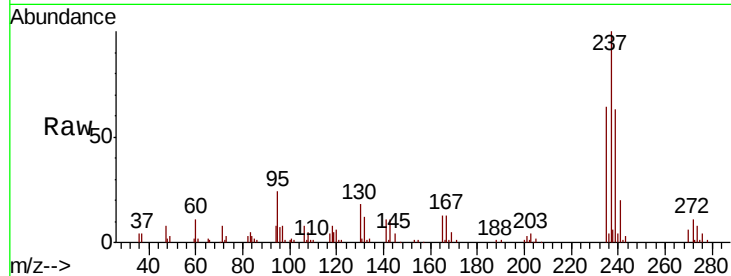
#41
Hexachlorocyclopentadiene
Concen: 108.436 ng
RT: 12.27 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	40.5	80.5
272	10.7	0.0	30.8

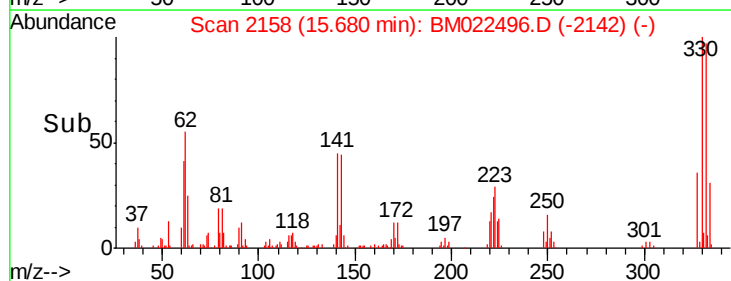
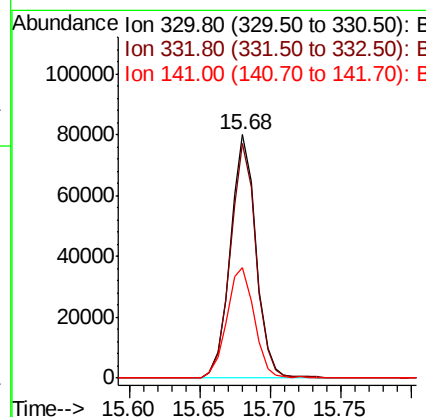
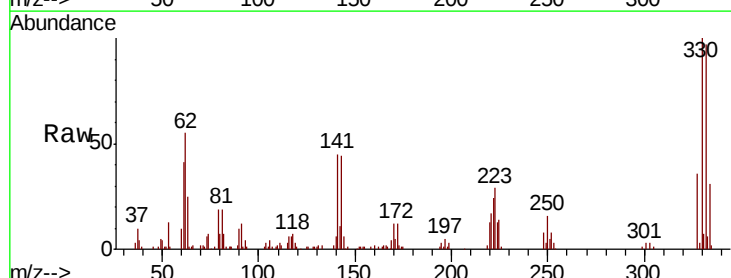
Manual Integrations
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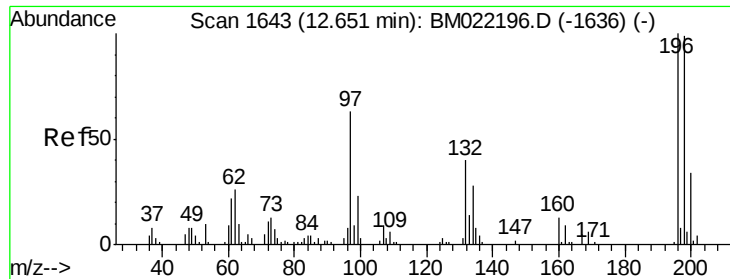
mohammad
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#42
2,4,6-Tribromophenol
Concen: 101.363 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	77.8	116.8
141	48.7	35.6	53.4





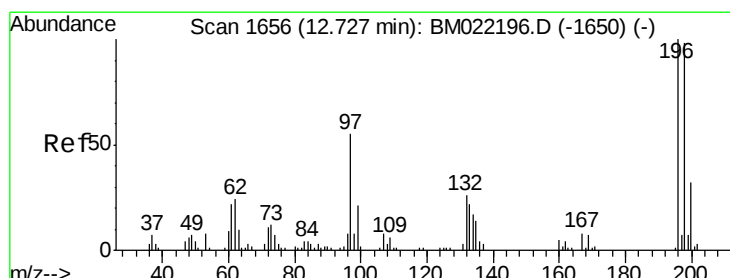
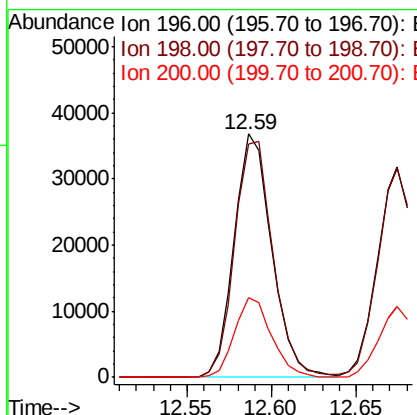
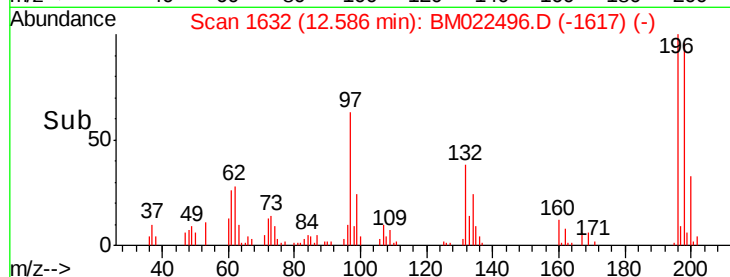
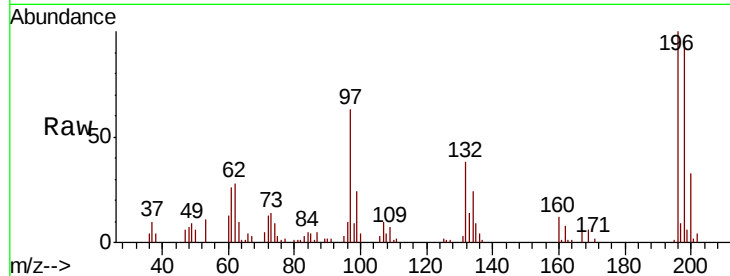
#43
 2,4,6-Trichlorophenol
 Concen: 46.242 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleID :
 PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	57437		
198	95.8	77.0	115.6	
200	32.6	26.3	39.5	

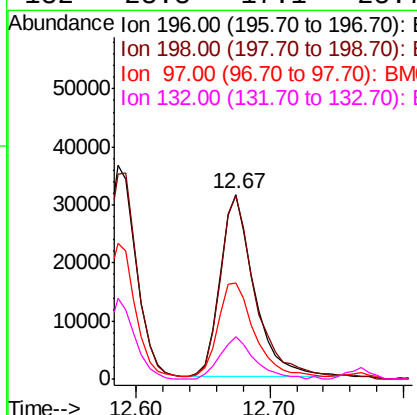
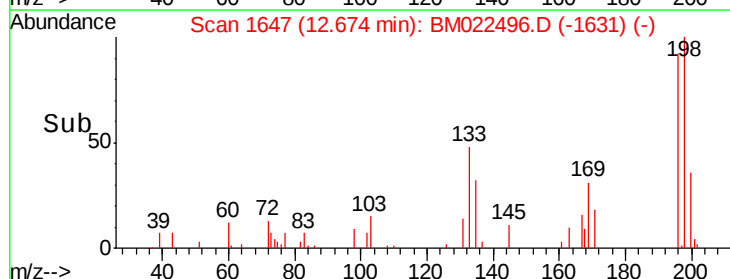
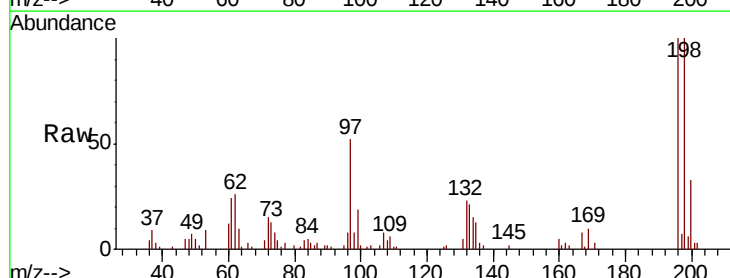
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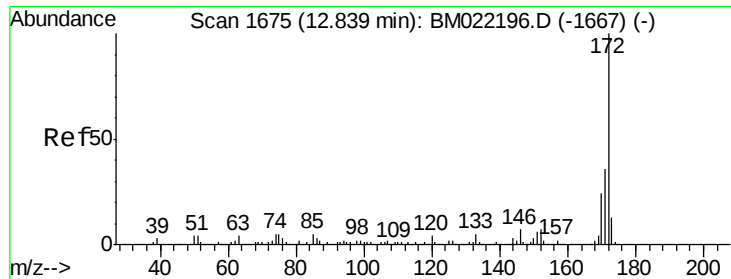
mohammad
 9/6/2019 8:18:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.068 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	56739		
198	99.6	76.6	115.0	
97	52.2	41.7	62.5	
132	23.3	17.1	25.7	





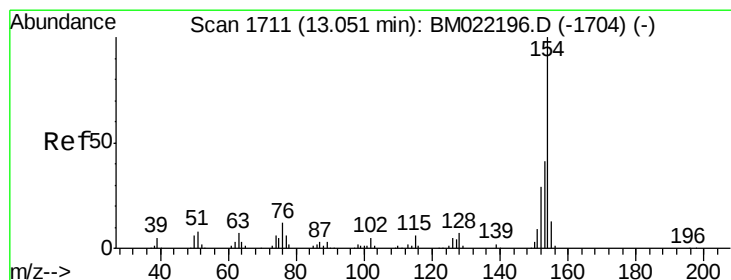
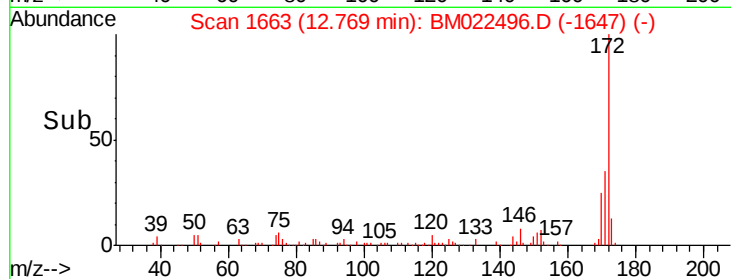
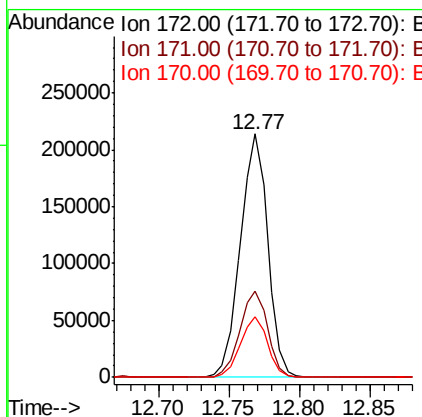
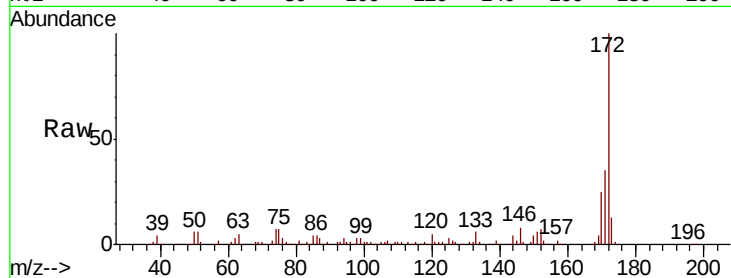
#45
2-Fluorobiphenyl
Concen: 67.821 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampled :
PB122730BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.8	18.9	28.3

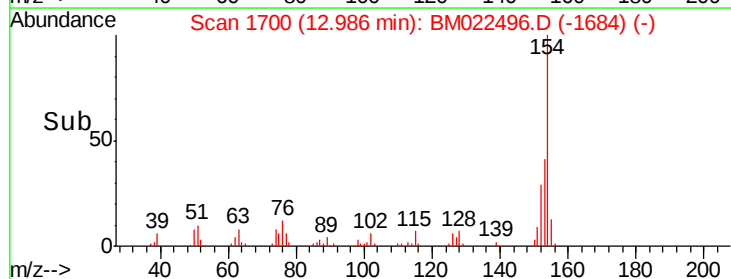
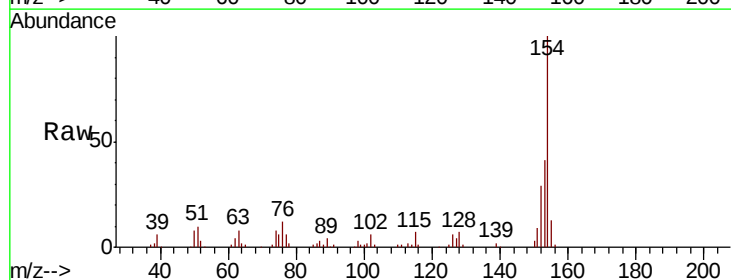
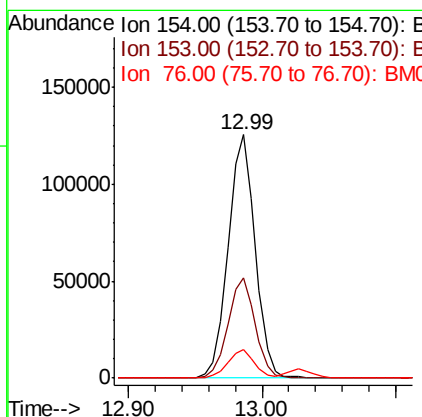
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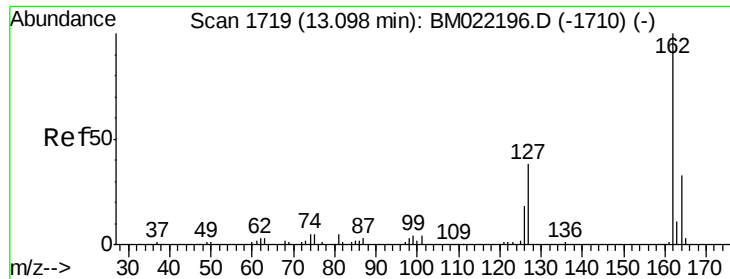
mohammad
9/6/2019 8:18:52 AM



#46
1,1'-Biphenyl
Concen: 44.829 ng
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.6	0.0	30.9





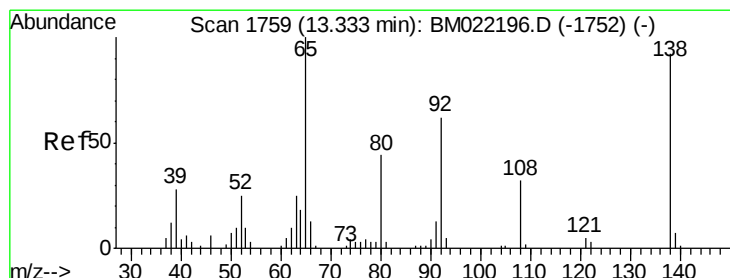
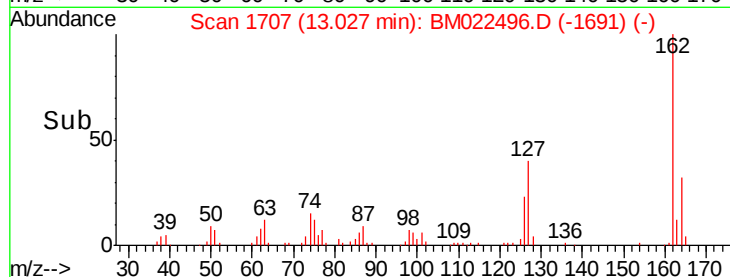
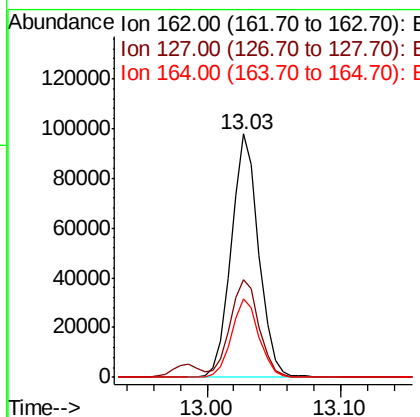
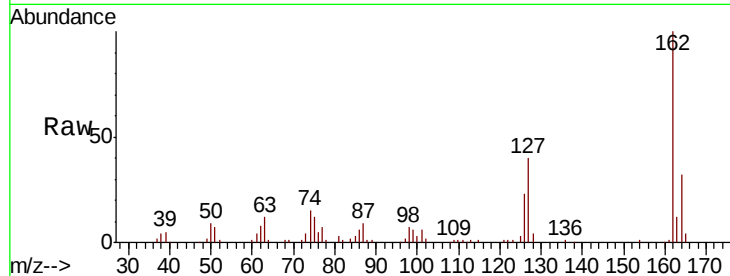
#47
2-Chloronaphthalene
Concen: 44.501 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	139993		
127	40.4		32.6	49.0
164	32.2		26.2	39.4

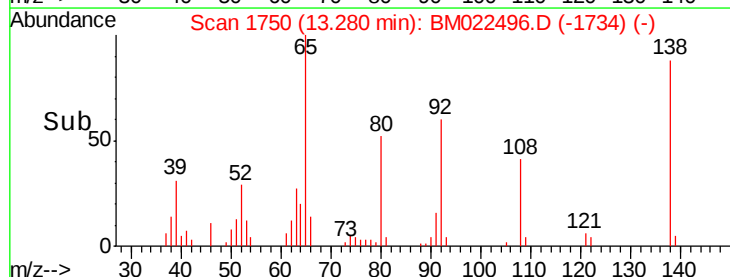
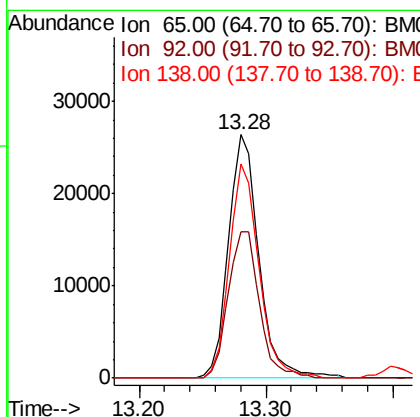
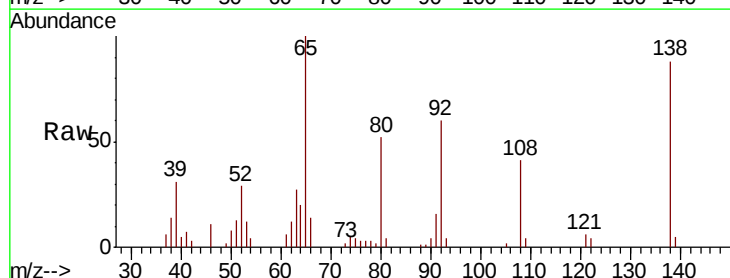
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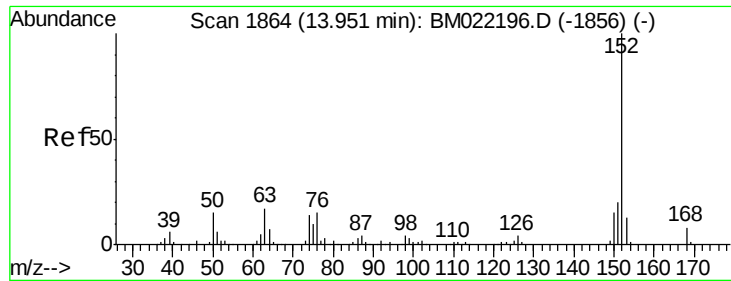
mohammad
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#48
2-Nitroaniline
Concen: 43.209 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	43779		
92	60.1		49.1	73.7
138	88.1		70.4	105.6





#49

Acenaphthylene

Concen: 45.415 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

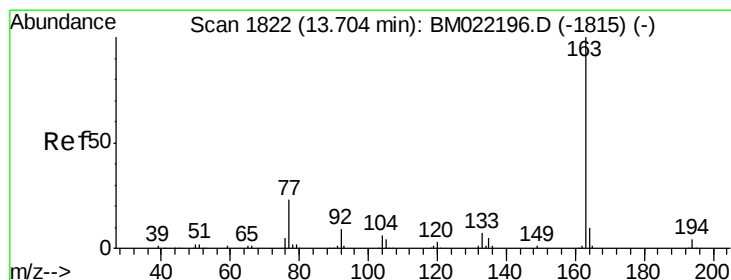
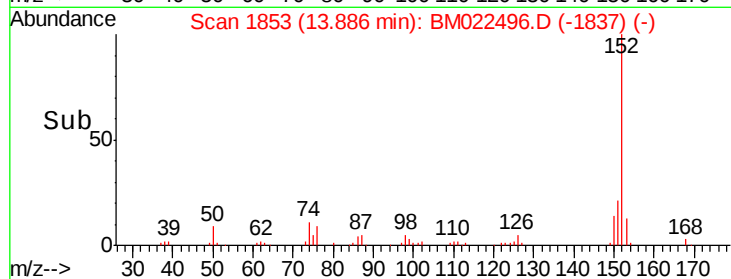
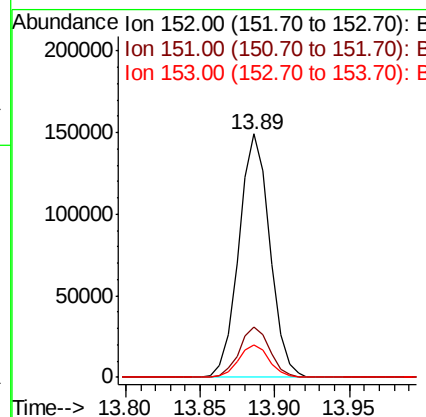
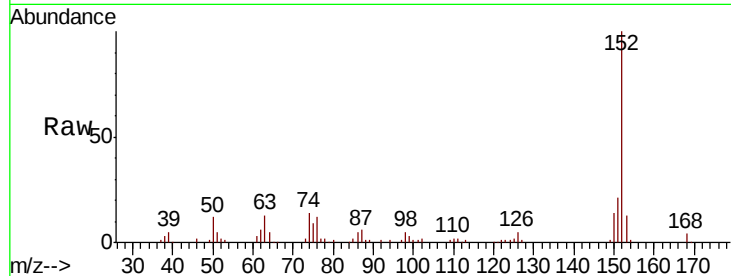
ClientSampleId :

PB122730BS

Tot Ion:	152	Resp:	215626
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.013 ng

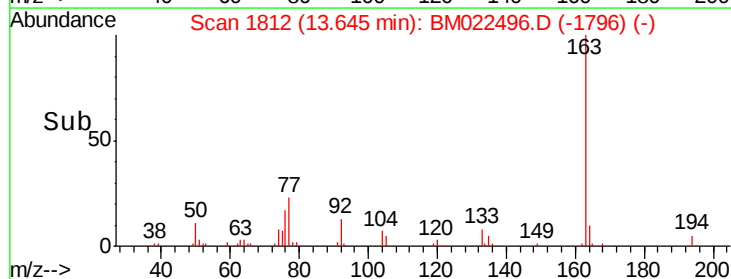
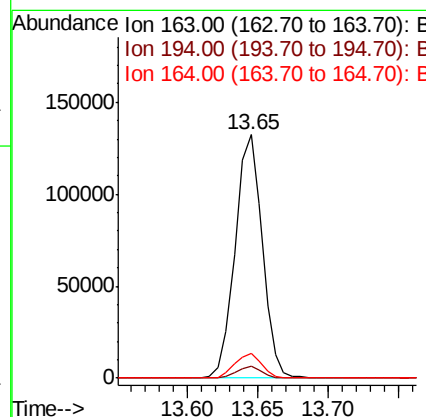
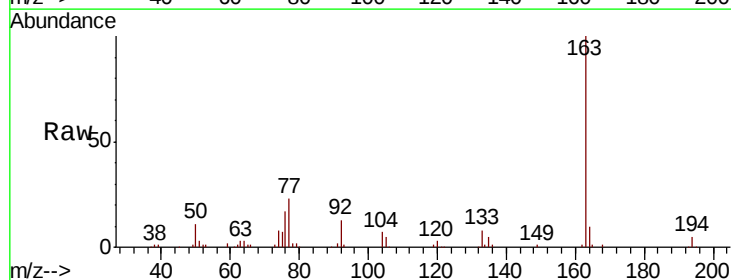
RT: 13.65 min Scan# 1812

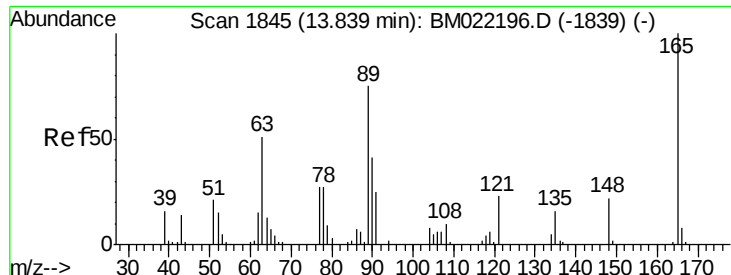
Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Tgt Ion:	163	Resp:	177179
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	9.9	8.2	12.2





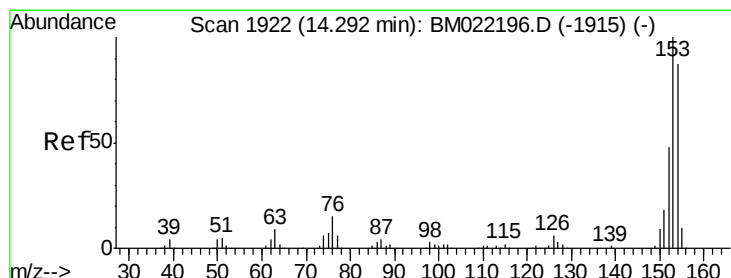
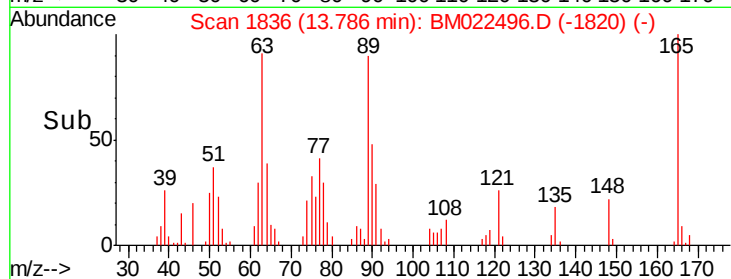
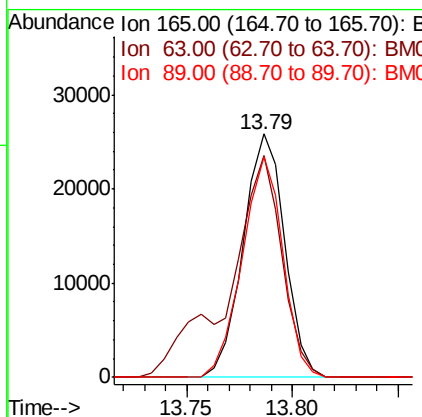
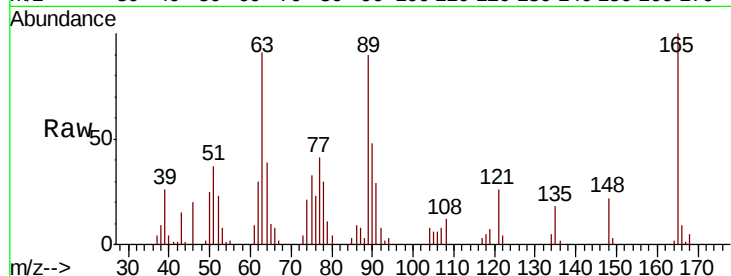
#51
 2,6-Dinitrotoluene
 Concen: 42.491 ng
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	35201		
63	91.3	65.4	98.2	
89	90.5	69.0	103.6	

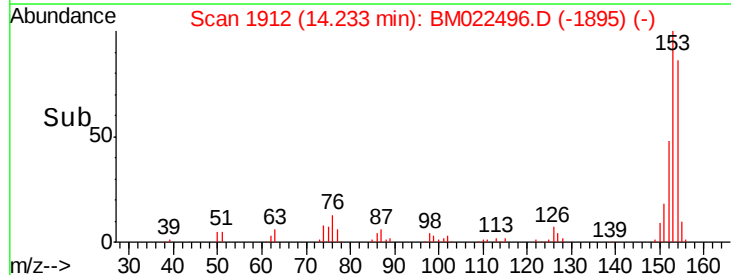
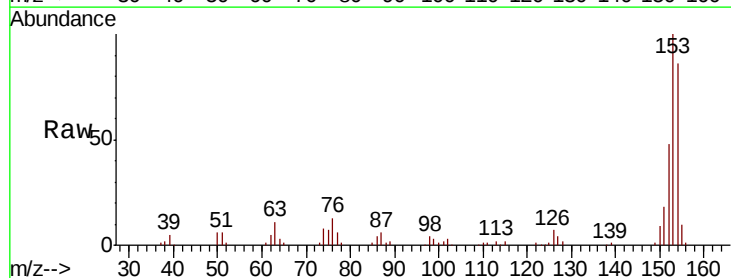
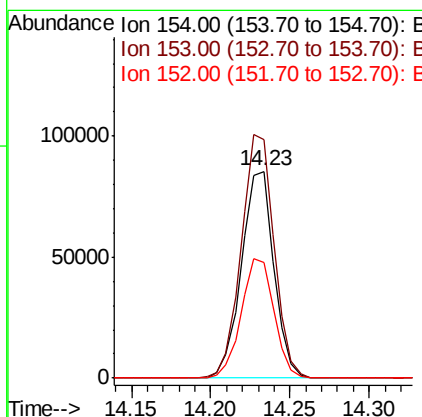
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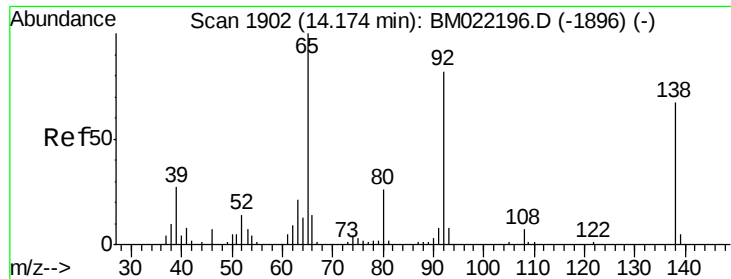
mohammad
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#52
 Acenaphthene
 Concen: 42.762 ng
 RT: 14.23 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	121766		
153	115.6	94.3	141.5	
152	55.8	45.4	68.2	





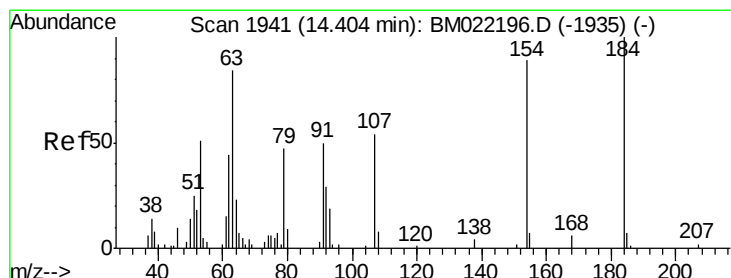
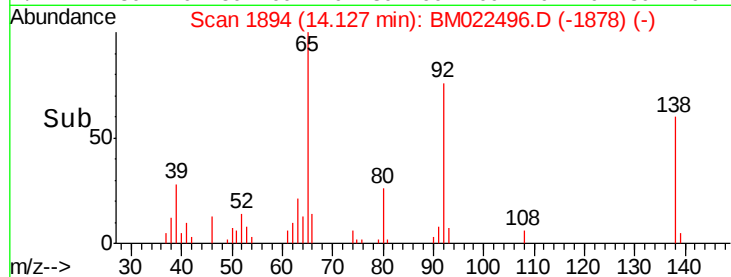
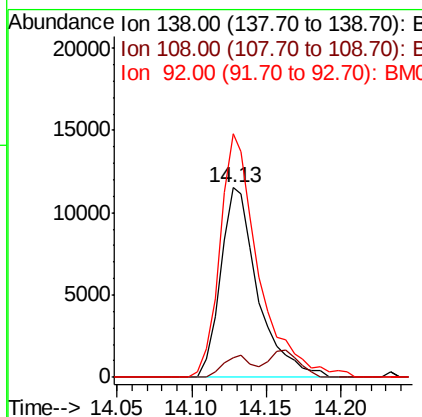
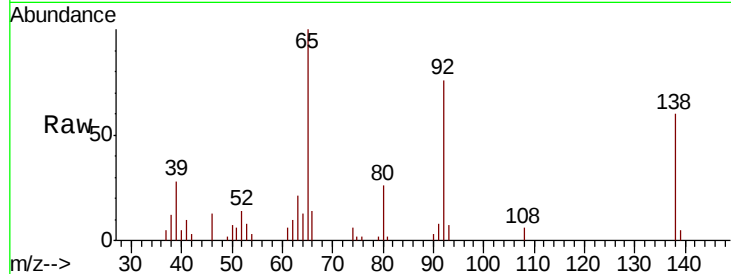
#53
 3-Nitroaniline
 Concen: 25.274 ng
 RT: 14.13 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	128.5	103.3	154.9

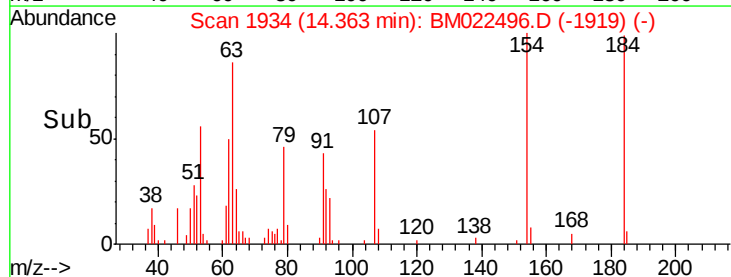
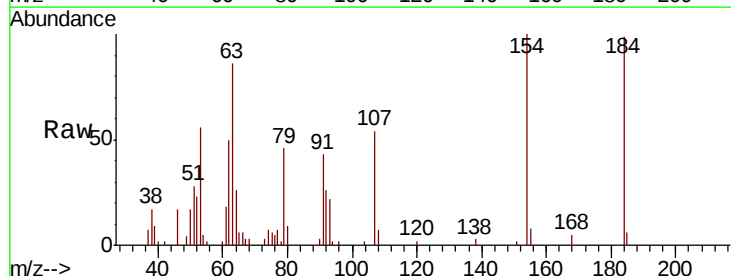
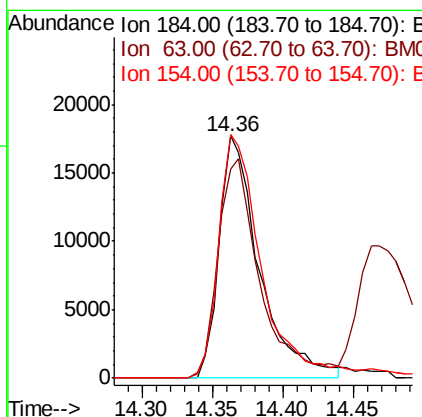
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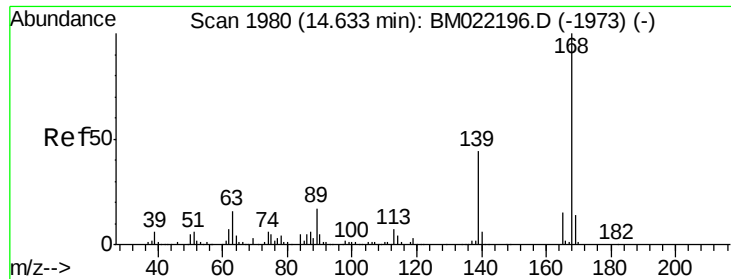
mohammad
 9/6/2019 8:18:52 AM



#54
 2,4-Dinitrophenol
 Concen: 71.430 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.3	63.8	95.8
154	100.7	75.0	112.6





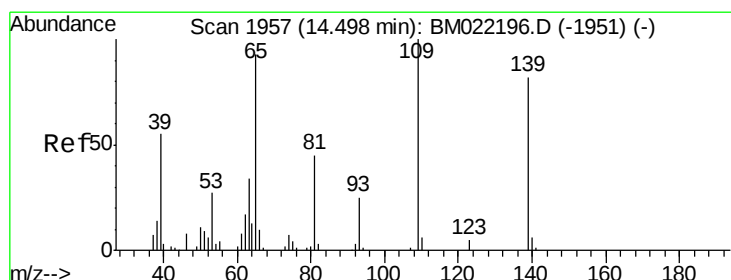
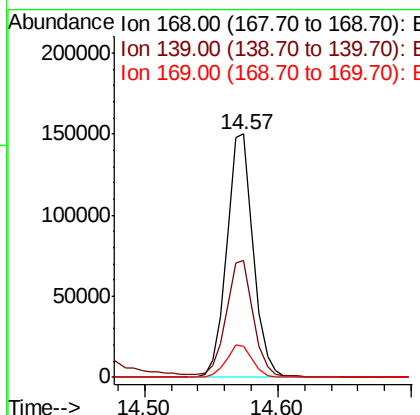
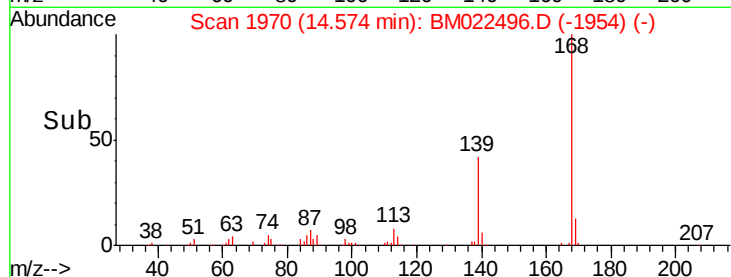
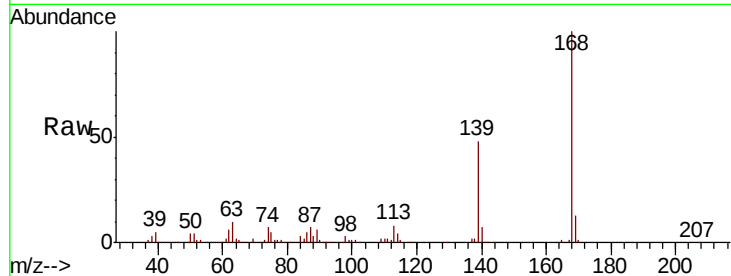
#55
Dibenzofuran
Concen: 43.553 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	208920		
139	48.1		36.1	54.1
169	12.7		10.4	15.6

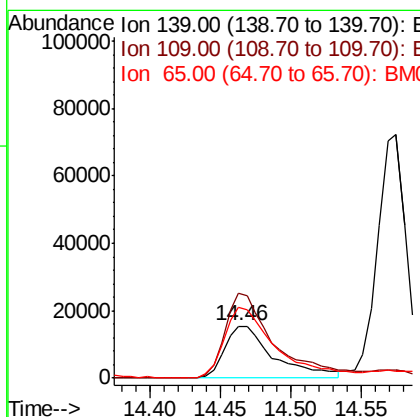
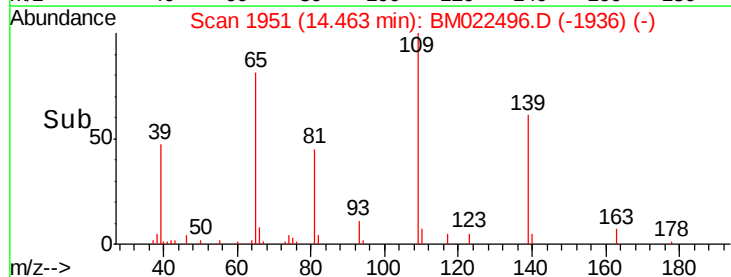
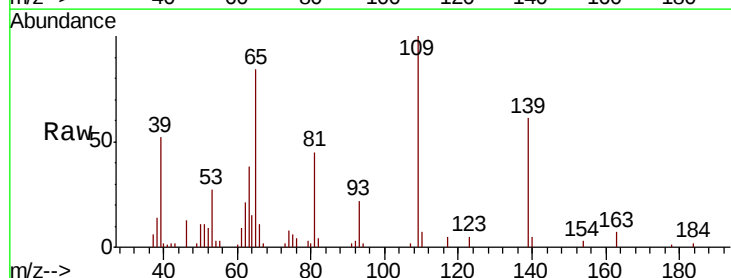
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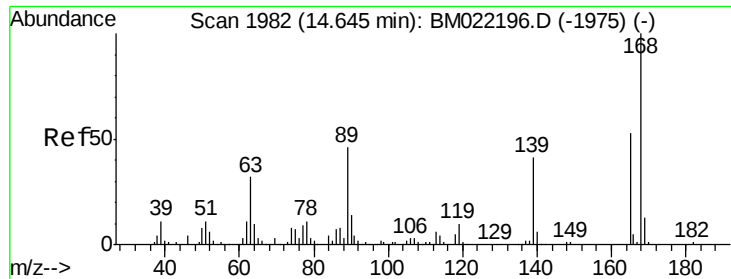
mohammad
9/6/2019 8:18:52 AM



#56
4-Nitrophenol
Concen: 70.291 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	37193		
109	163.7		128.0	168.0
65	137.0		104.3	144.3





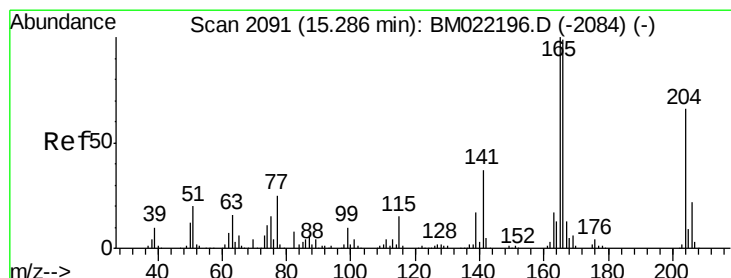
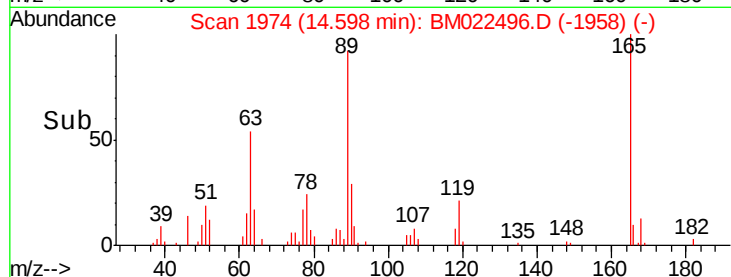
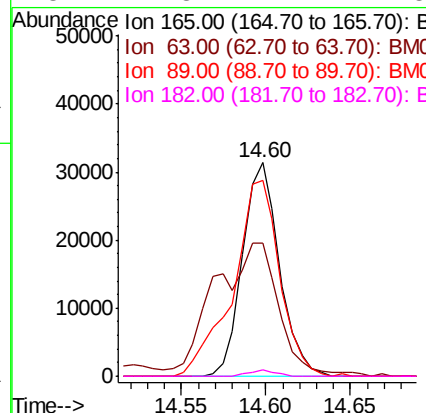
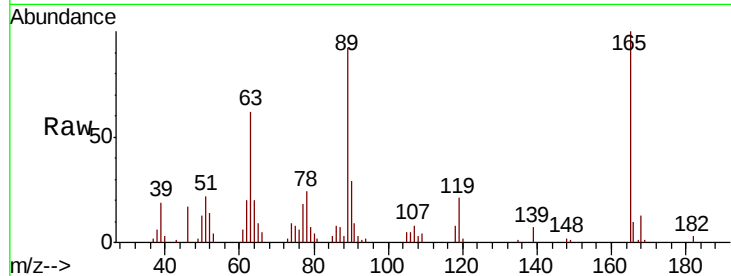
#57
 2,4-Dinitrotoluene
 Concen: 39.967 ng
 RT: 14.60 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	47602		
63	62.5	54.6	82.0	
89	91.9	74.5	111.7	
182	2.8	1.7	2.5#	

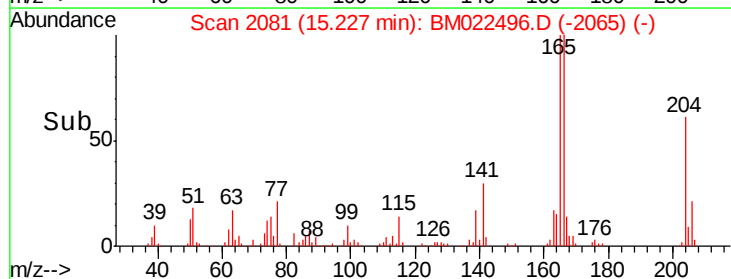
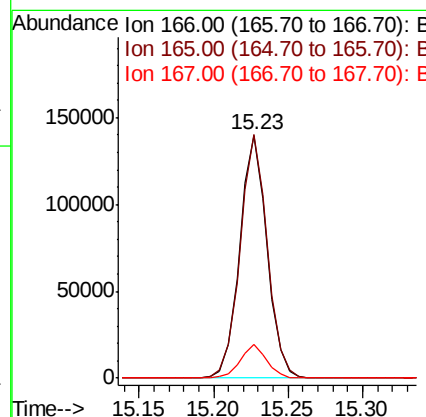
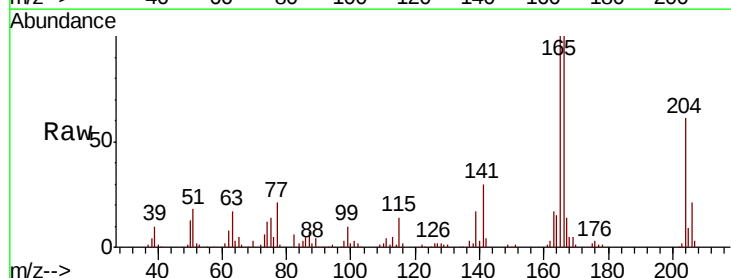
Manual Integrations
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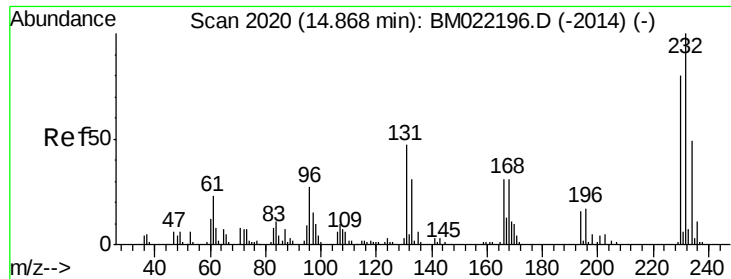
mohammad
 9/6/2019 8:18:52 AM



#58
 Fluorene
 Concen: 41.432 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	177562		
165	100.5	81.1	121.7	
167	13.7	11.1	16.7	





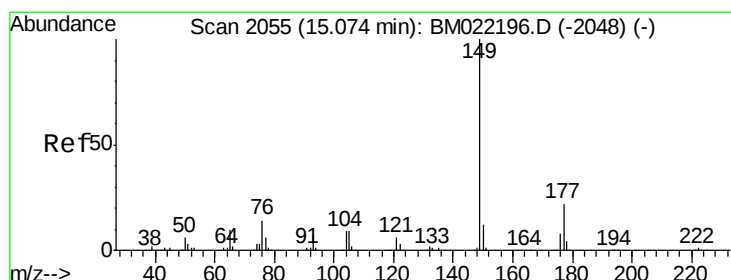
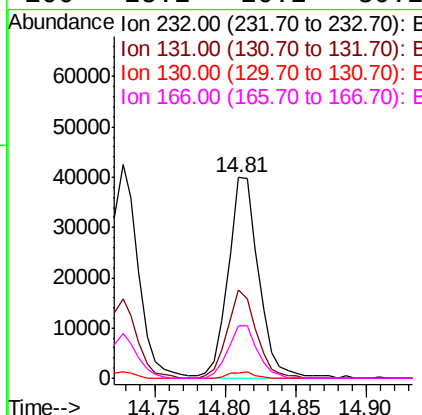
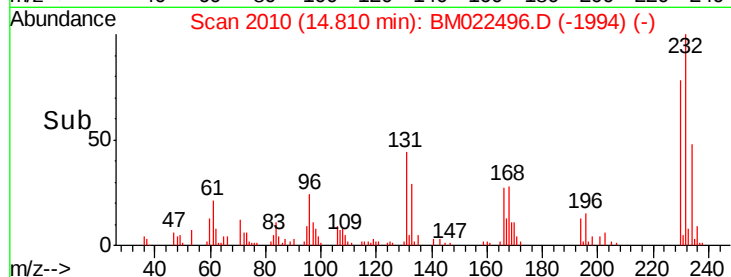
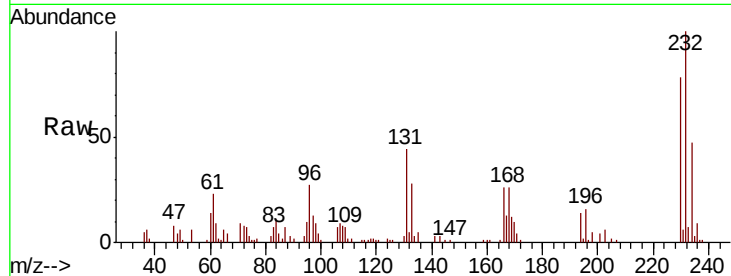
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.813 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	60813		
131	41.8		32.0	48.0
130	2.7		2.4	3.6
166	25.2		20.2	30.2

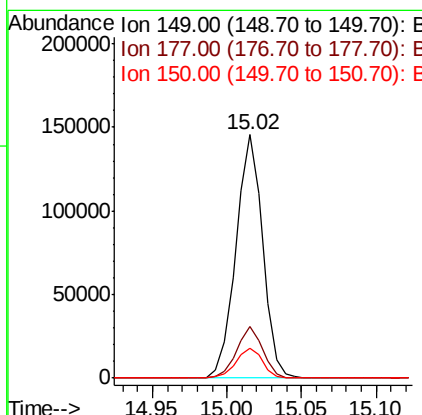
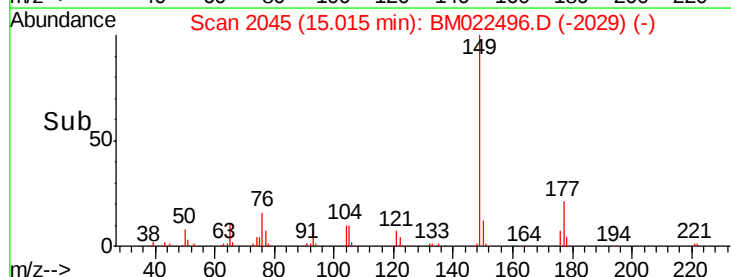
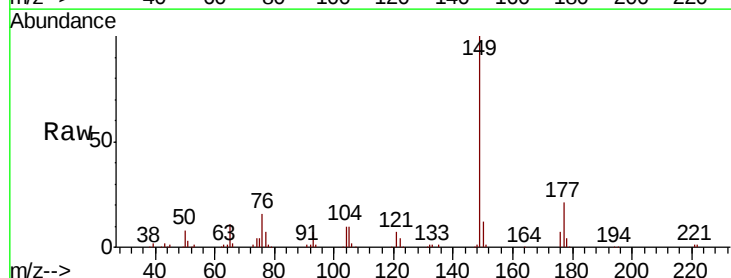
Manual Integrations
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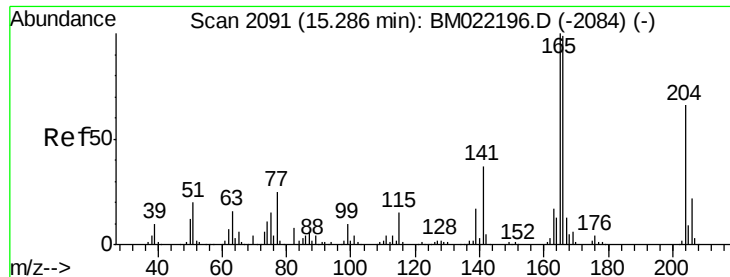
mohammad
9/6/2019 8:18:52 AM



#60
Diethylphthalate
Concen: 41.291 ng
RT: 15.02 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	181889		
177	21.1		16.6	25.0
150	12.2		9.8	14.8





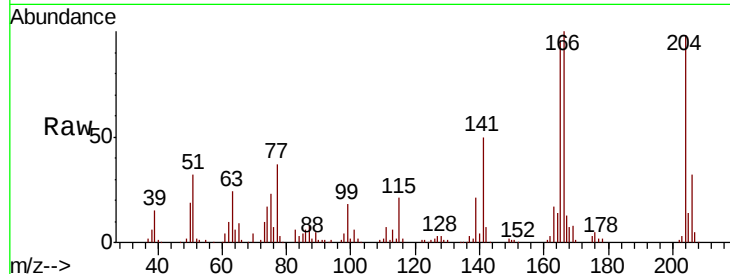
#61
4-Chlorophenyl-phenylether
Concen: 43.160 ng
RT: 15.22 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampled :
PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	127193		
206	32.6	26.2	39.4	
141	50.4	40.6	60.8	

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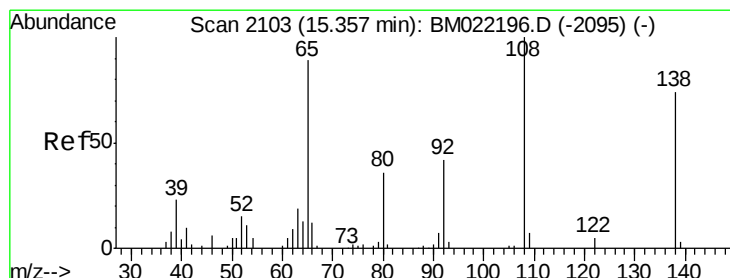
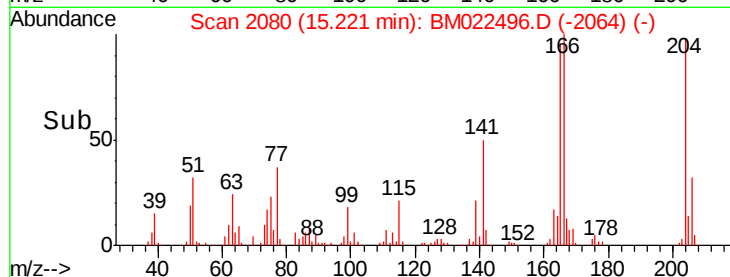
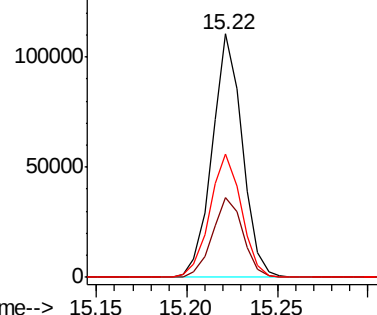


Abundance

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: 34.971 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

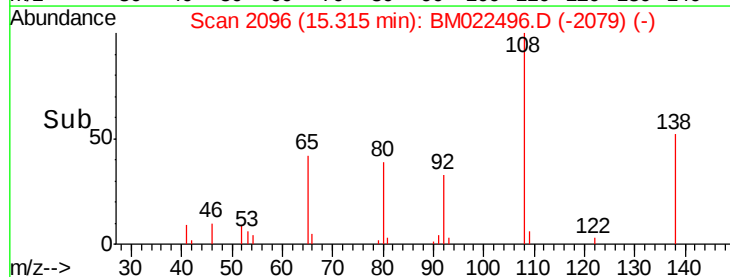
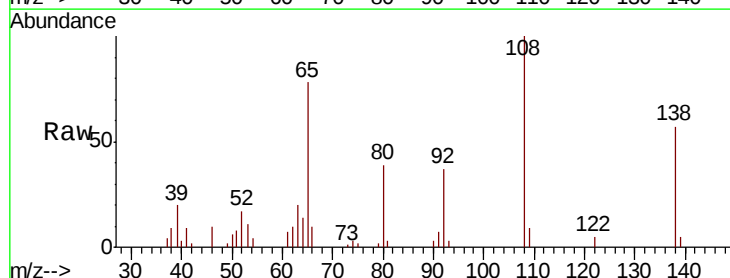
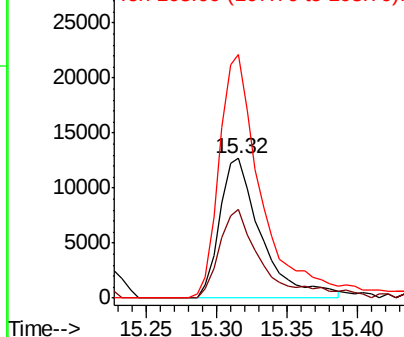
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	26036		
92	63.7	40.5	80.5	
108	174.5	156.8	196.8	

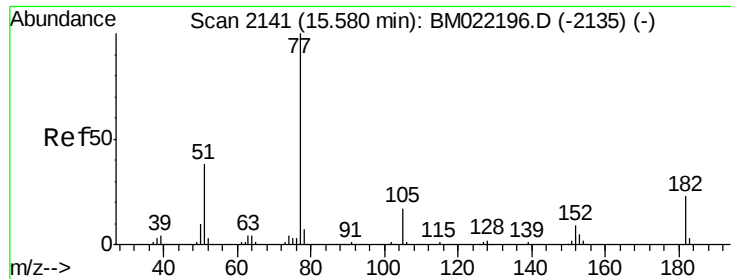
Abundance

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





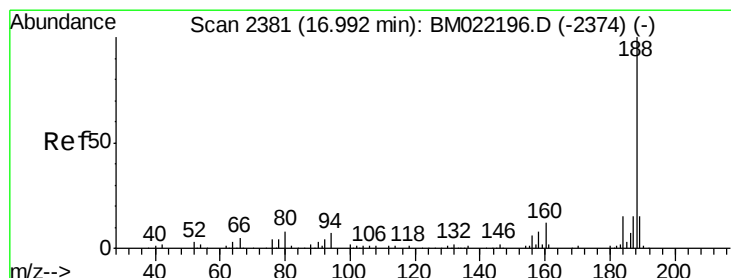
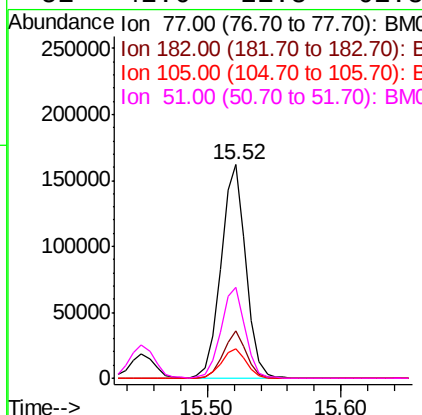
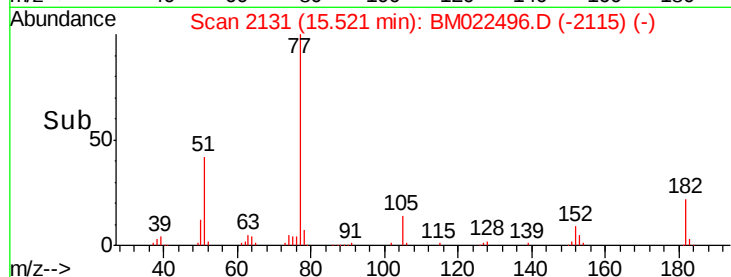
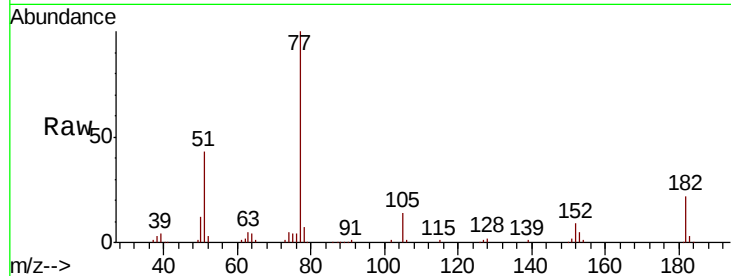
#63
Azobenzene
Concen: 47.924 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		210732		
182	22.2	3.5	43.5		
105	13.8	0.0	34.2		
51	42.6	21.8	61.8		

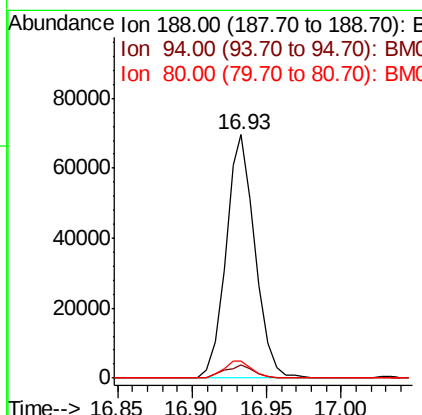
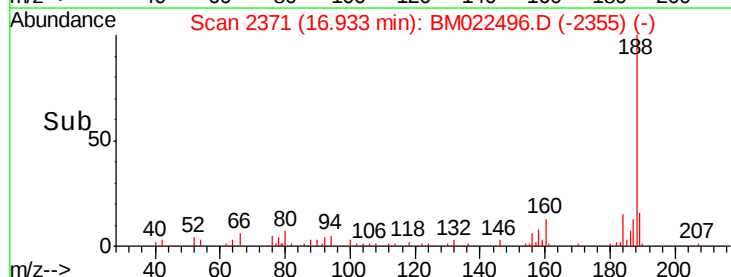
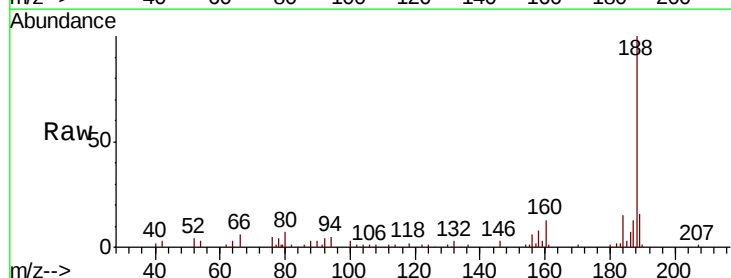
Manual Integrations
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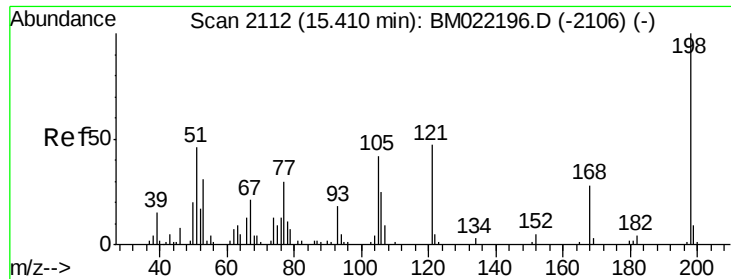
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		94320		
94	5.3	4.4	6.6		
80	6.8	5.0	7.6		





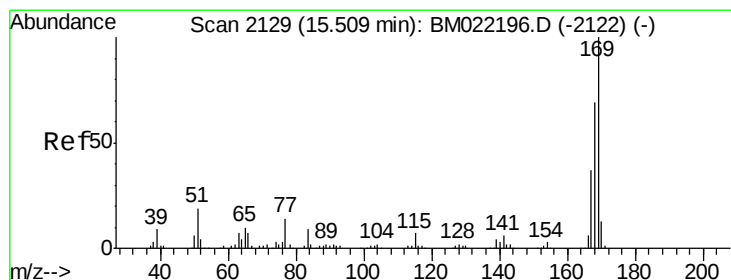
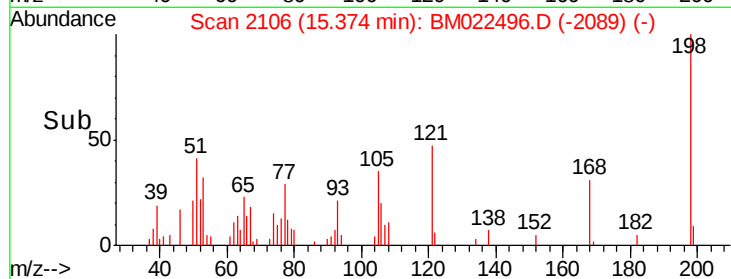
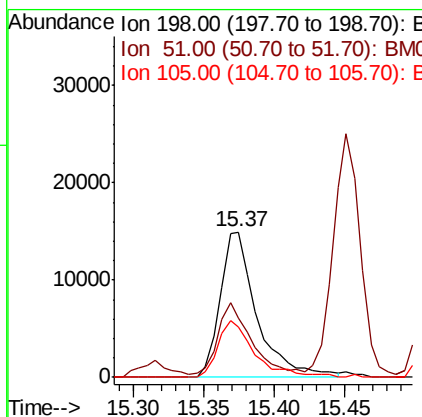
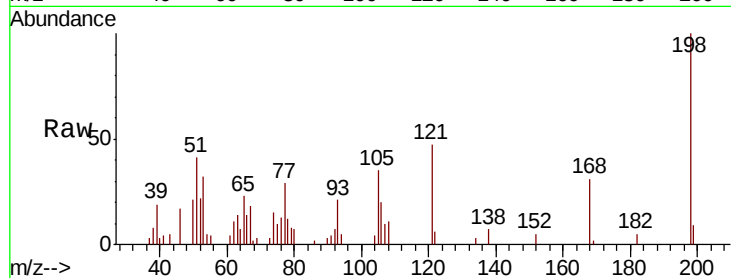
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.079 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	27060		
51	41.2		21.0	61.0
105	34.7		16.1	56.1

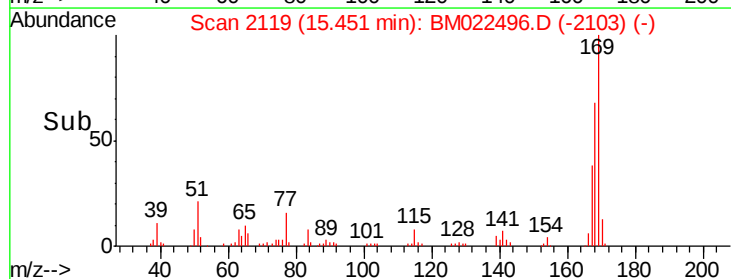
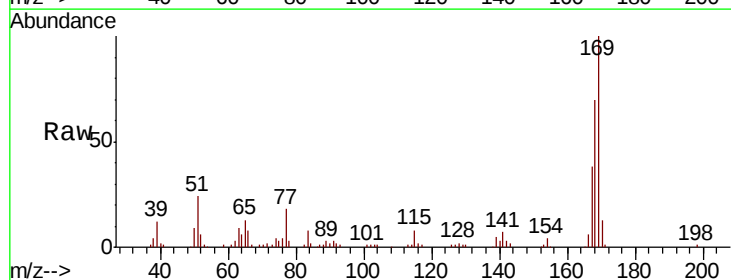
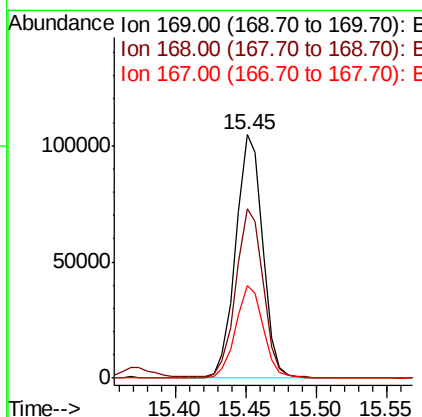
Manual Integrations
 APPROVED

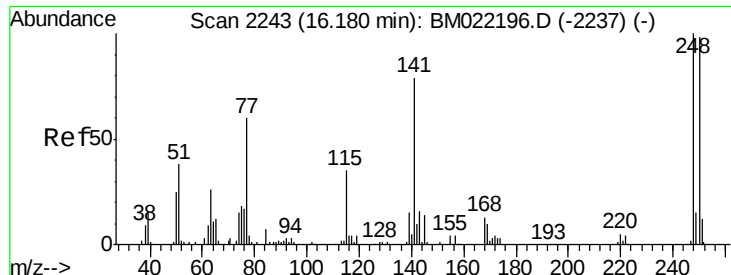
mohammad
 9/6/2019 8:18:52 AM



#66
 n-Nitrosodiphenylamine
 Concen: 48.907 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	139271		
168	69.8		56.7	85.1
167	37.9		30.8	46.2





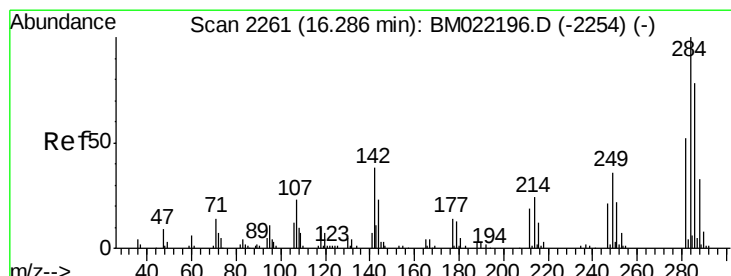
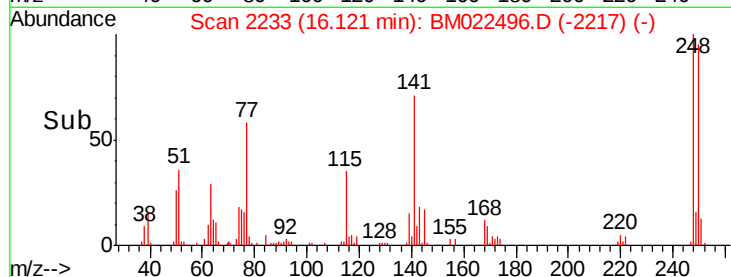
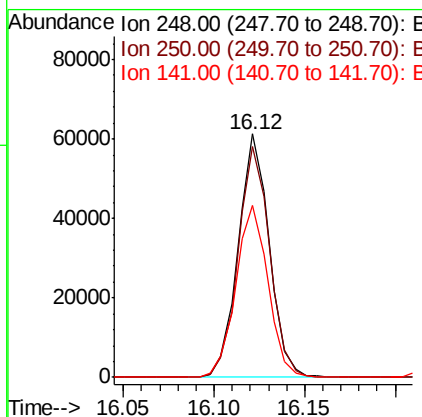
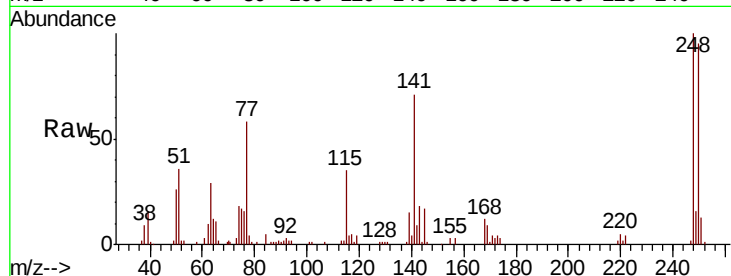
#67
 4-Bromophenyl-phenylether
 Concen: 49.088 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	73.6	110.4
141	70.8	53.3	79.9

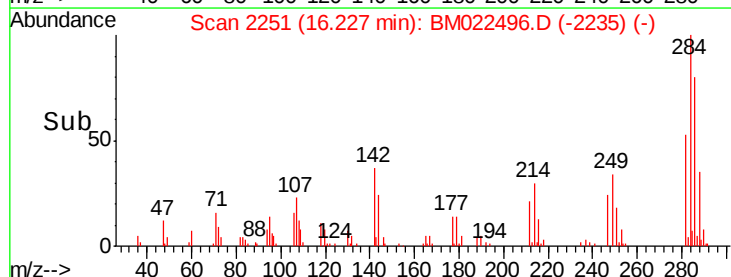
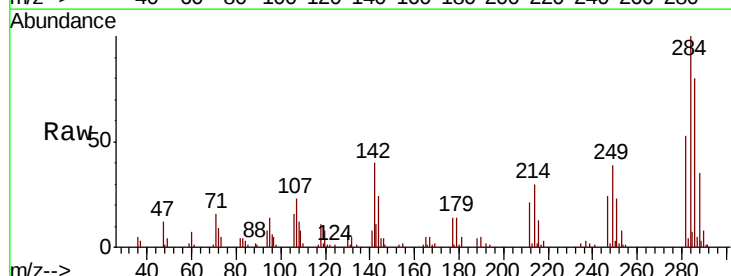
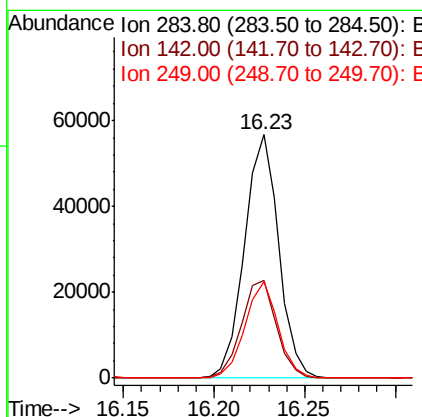
Manual Integrations
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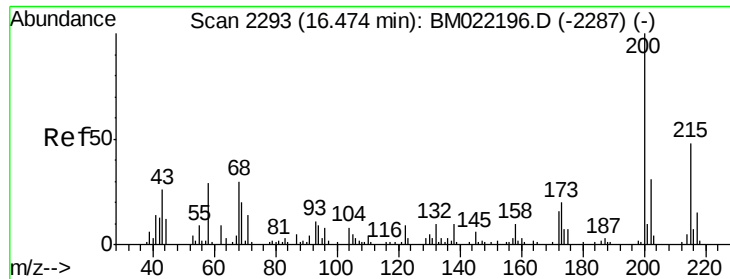
mohammad
 9/6/2019 8:18:52 AM



#68
 Hexachlorobenzene
 Concen: 44.167 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.1	30.2	45.4
249	39.5	28.8	43.2





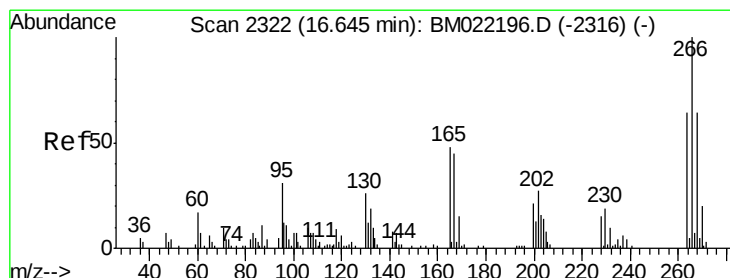
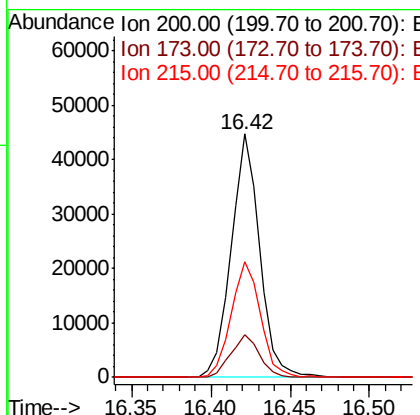
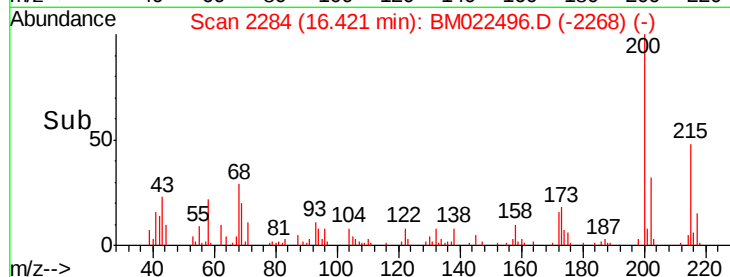
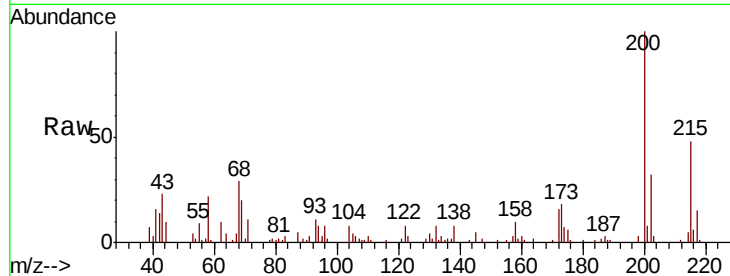
#69
Atrazine
Concen: 45.714 ng
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	17.7	0.0	39.9
215	47.7	27.8	67.8

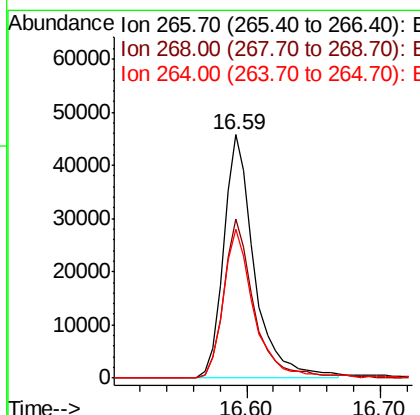
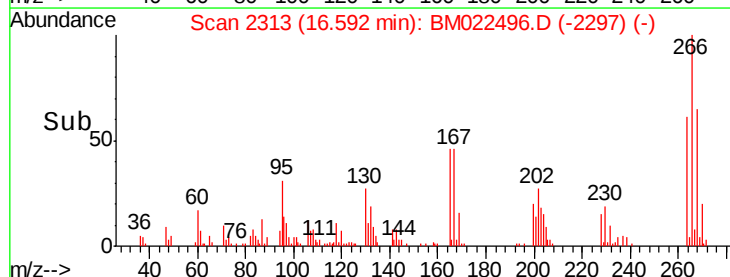
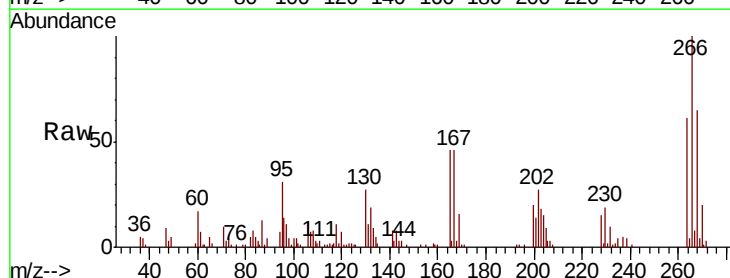
Manual Integrations
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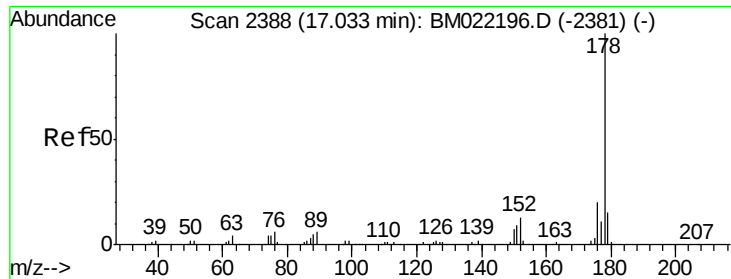
mohammad
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#70
Pentachlorophenol
Concen: 98.307 ng
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	48.4	72.6
264	60.9	51.7	77.5





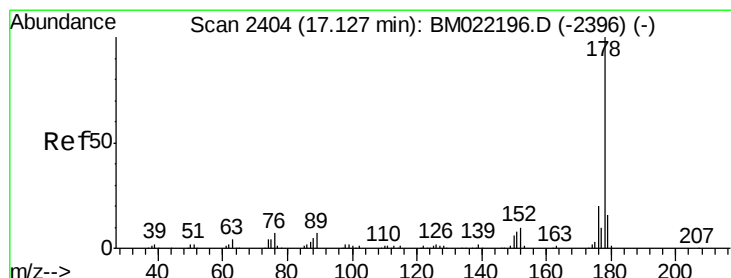
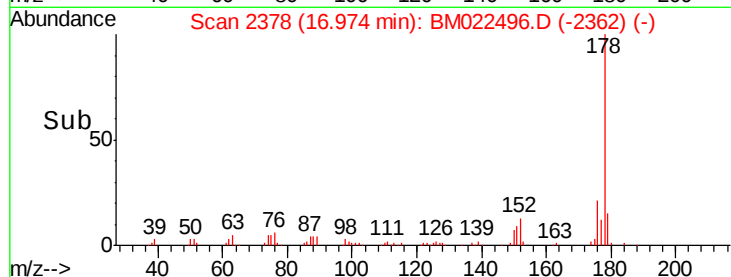
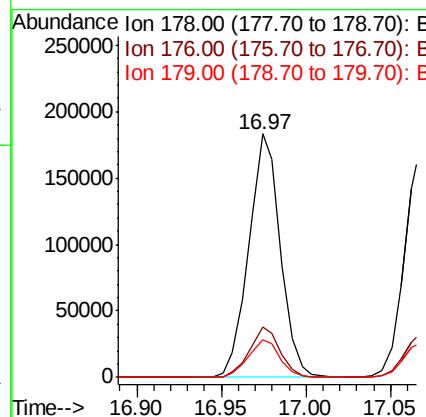
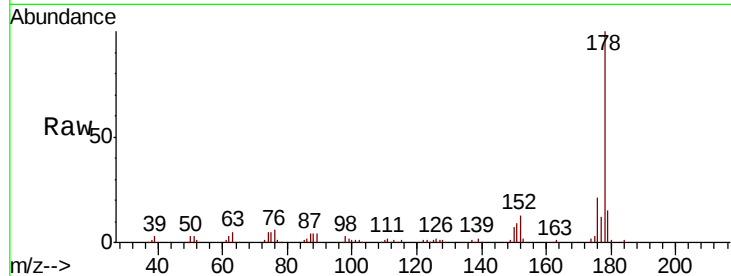
#71
Phenanthrene
Concen: 43.505 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	15.4	12.3	18.5

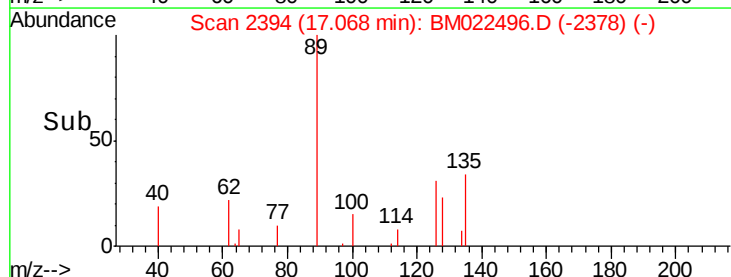
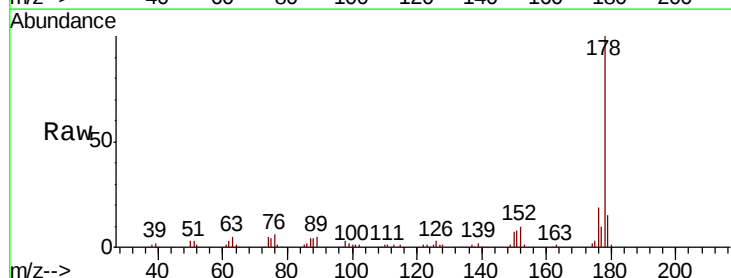
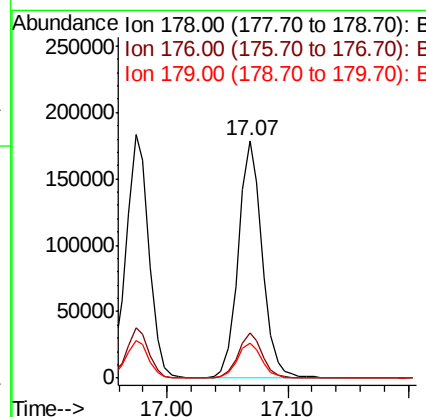
Manual Integrations
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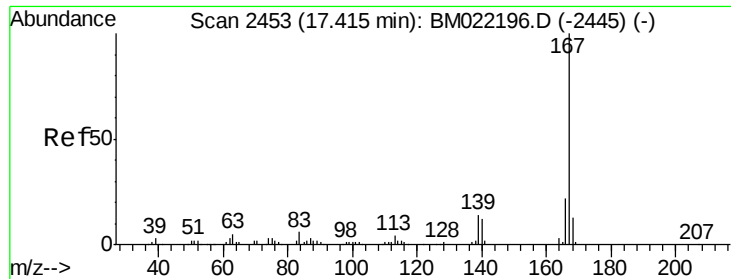
mohammad
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#72
Anthracene
Concen: 45.295 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	14.9	11.8	17.6





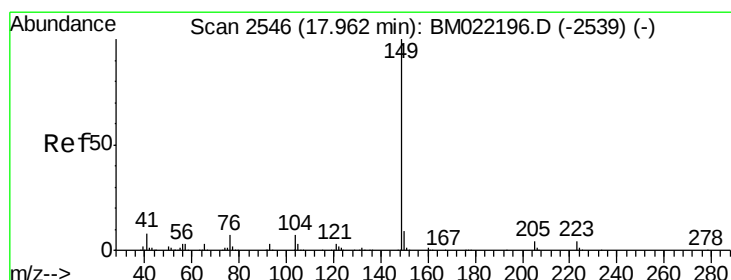
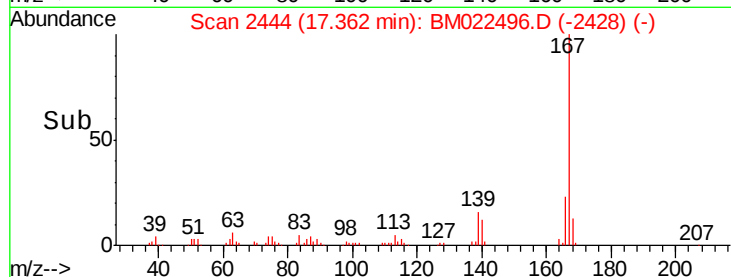
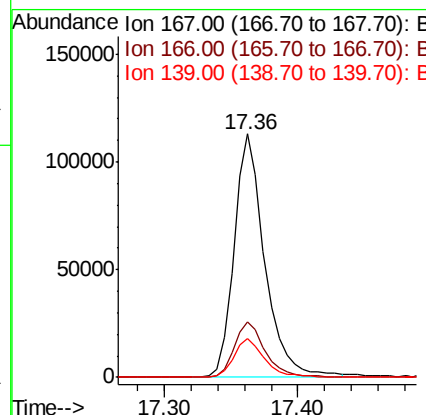
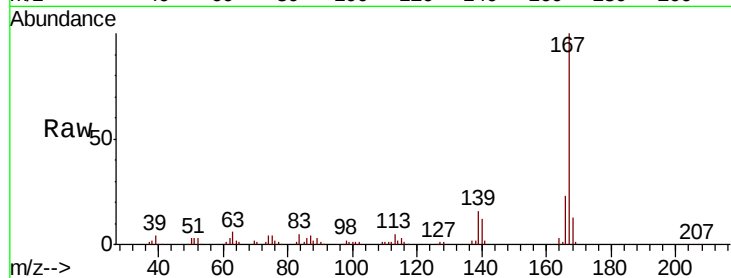
#73
 Carbazole
 Concen: 40.304 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion:	167	Resp:	180211
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.8	26.6
139	15.7	11.6	17.4

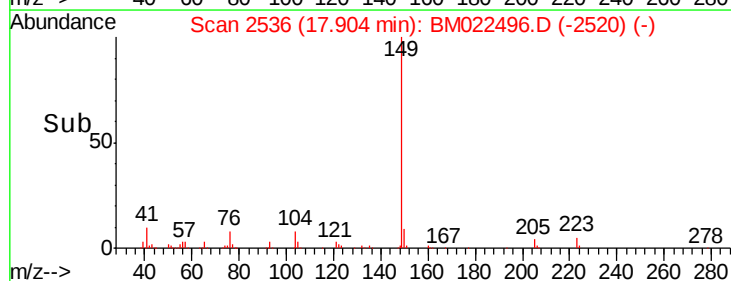
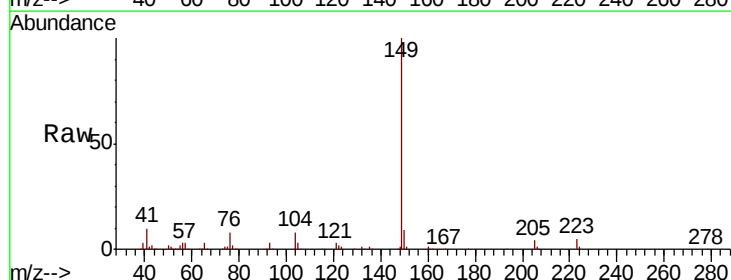
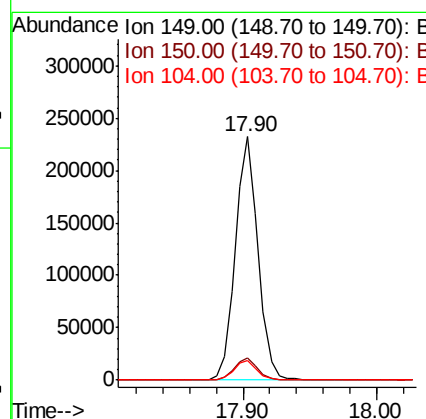
Manual Integrations
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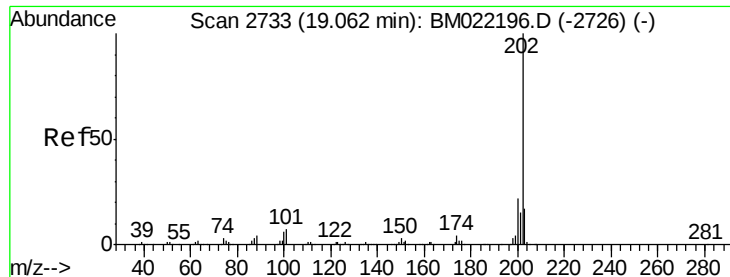
mohammad
 9/6/2019 8:18:52 AM



#74
 Di-n-butylphthalate
 Concen: 45.447 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion:	149	Resp:	275542
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.4	11.0
104	7.8	5.6	8.4





#75

Fluoranthene

Concen: 40.558 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

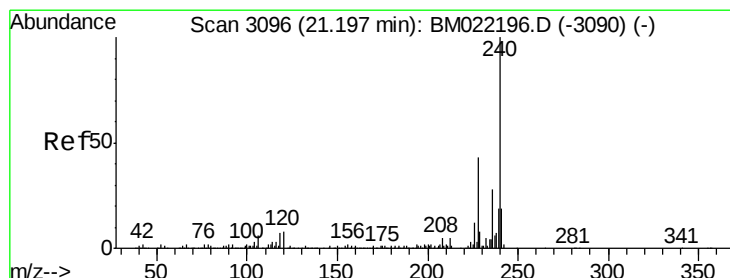
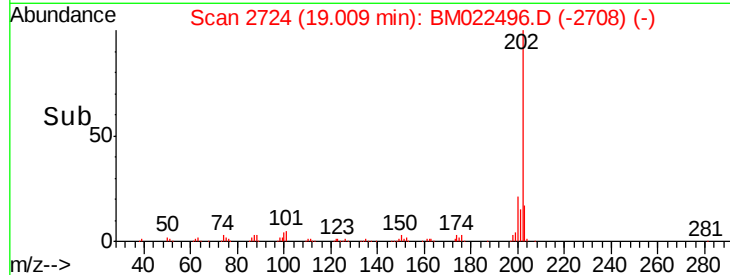
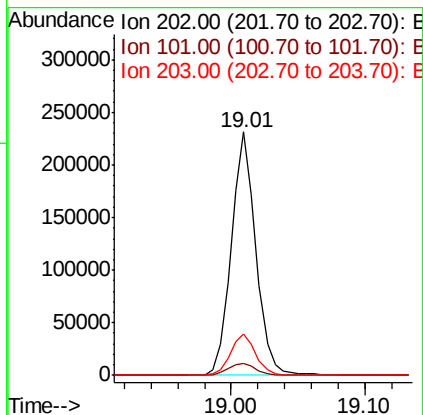
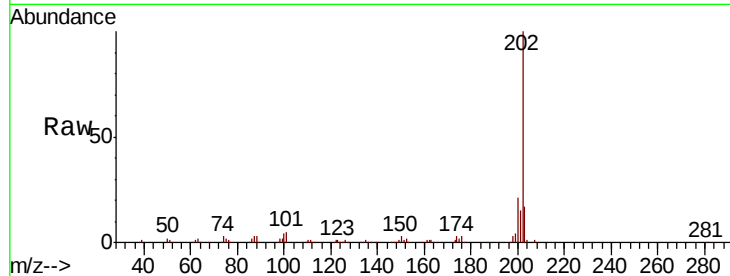
ClientSampleId :

PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	296948		
101	4.9	0.0	25.1	
203	17.1	0.0	37.1	

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#76

Chrysene-d12

Concen: 20.000 ng

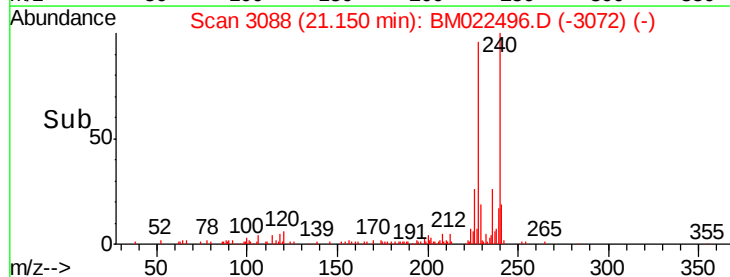
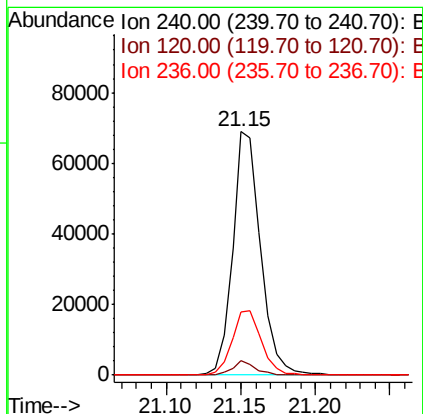
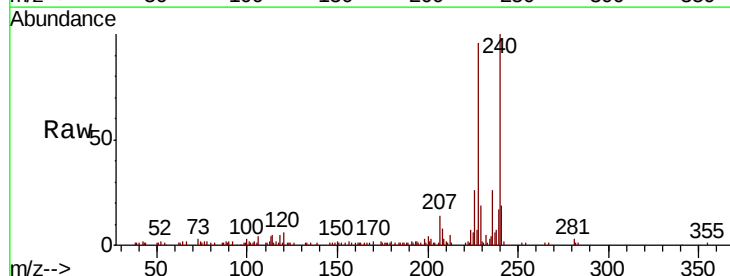
RT: 21.15 min Scan# 3088

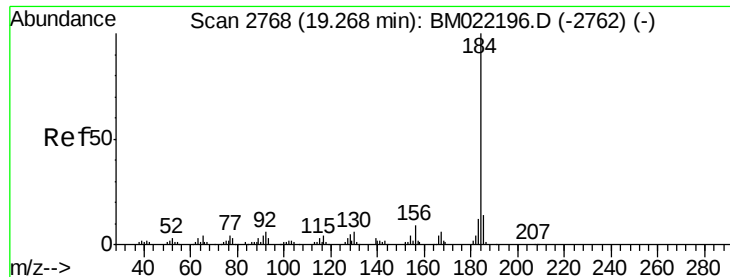
Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	89809		
120	6.1	3.9	5.9#	
236	26.0	21.4	32.2	





#77

Benzidine

Concen: 61.355 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

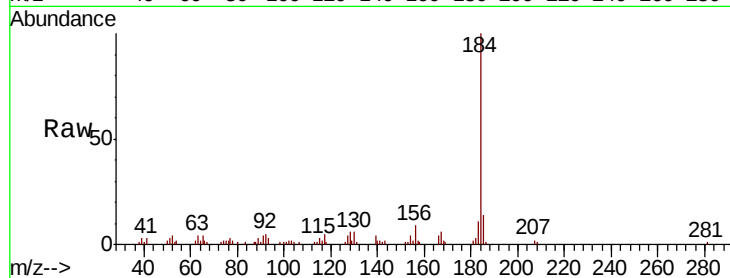
ClientSampleId :

PB122730BS

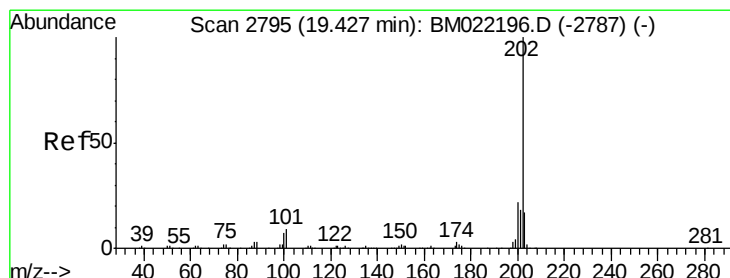
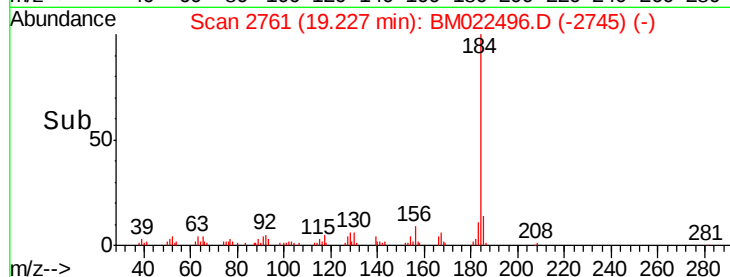
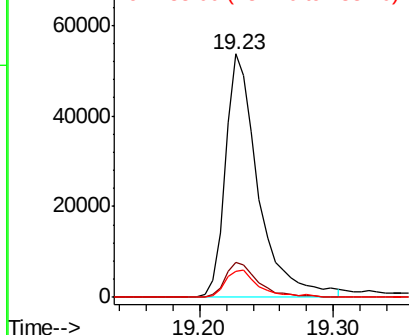
Tot Ion:	184	Resp:	92785
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.8	17.6
183	10.8	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.900 ng

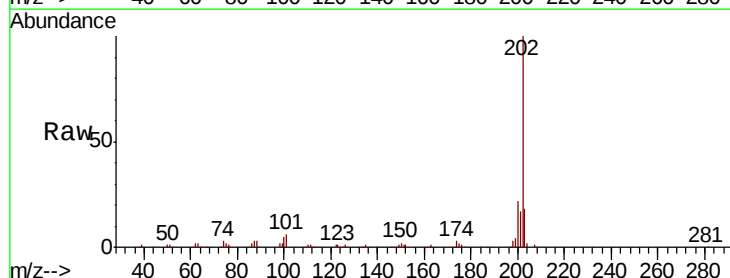
RT: 19.38 min Scan# 2787

Delta R.T. -0.00 min

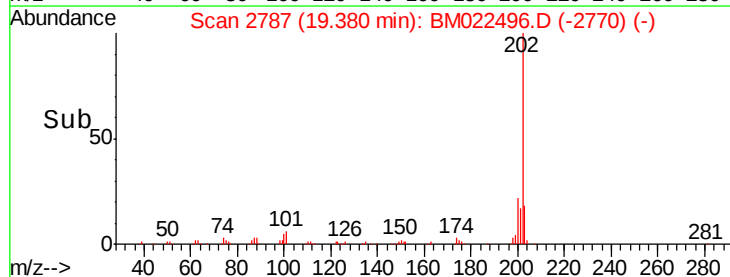
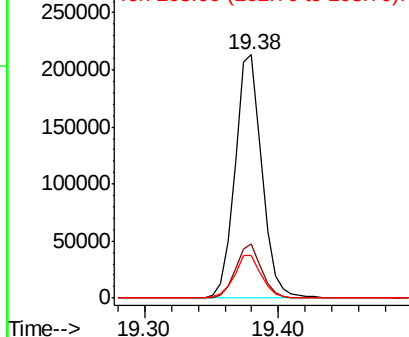
Lab File: BM022496.D

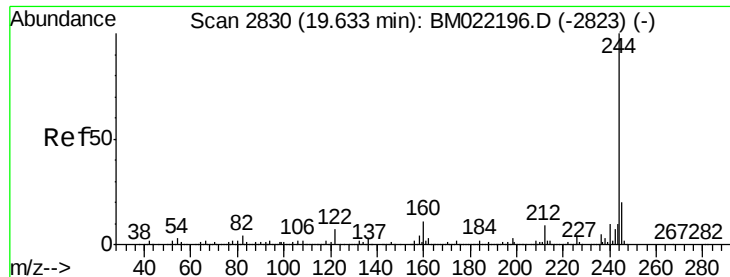
Acq: 03 Sep 2019 10:55

Tgt Ion:	202	Resp:	299294
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.7	26.5
203	17.7	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





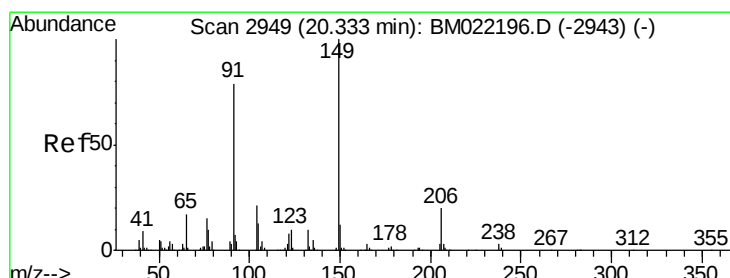
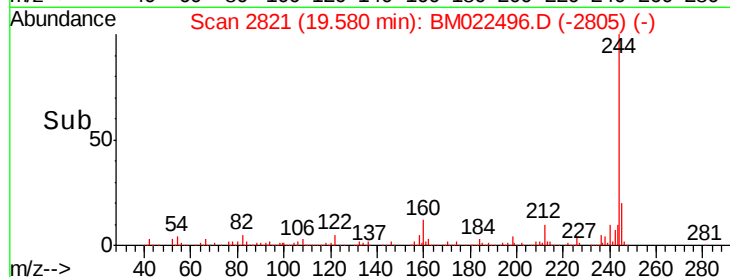
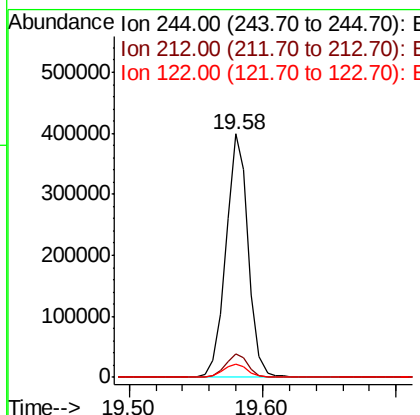
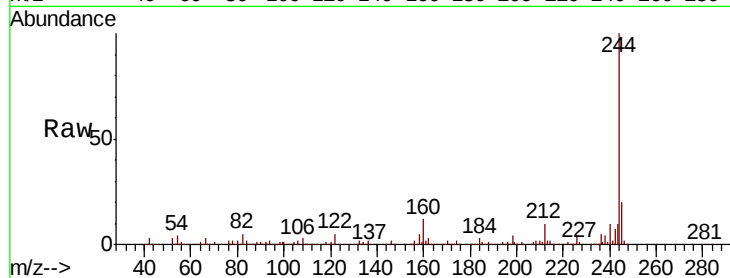
#79
 Terphenyl-d14
 Concen: 68.458 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	9.6	7.0	10.4	
122	5.4	3.9	5.9	

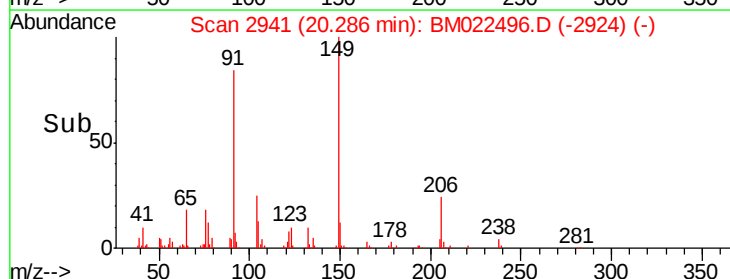
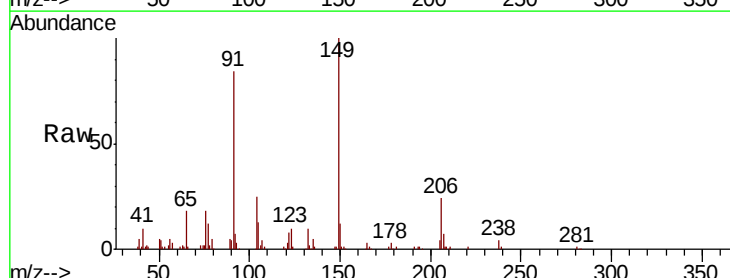
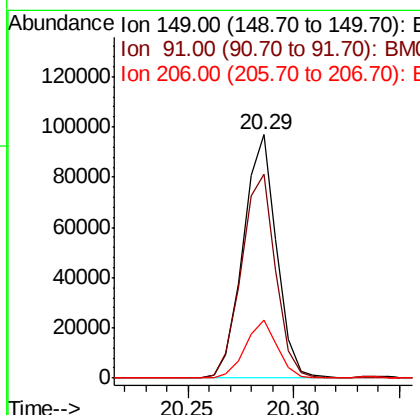
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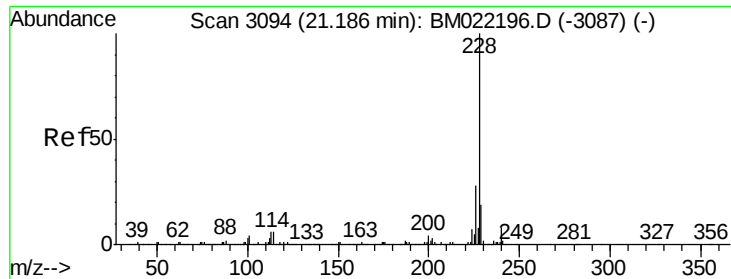
mohammad
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#80
 Butylbenzylphthalate
 Concen: 49.673 ng
 RT: 20.29 min Scan# 2941
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	83.9	64.0	96.0	
206	23.7	17.6	26.4	





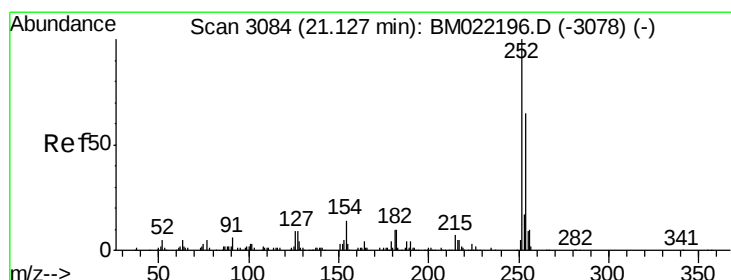
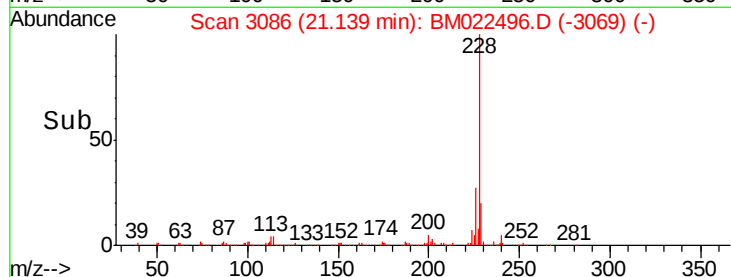
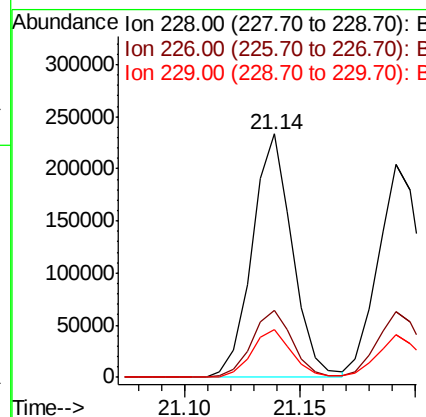
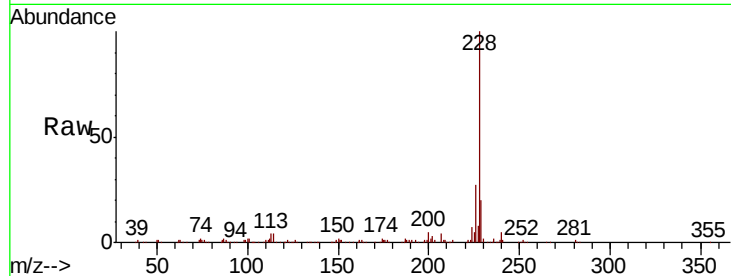
#81
Benzo(a)anthracene
Concen: 43.690 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	19.6	15.9	23.9

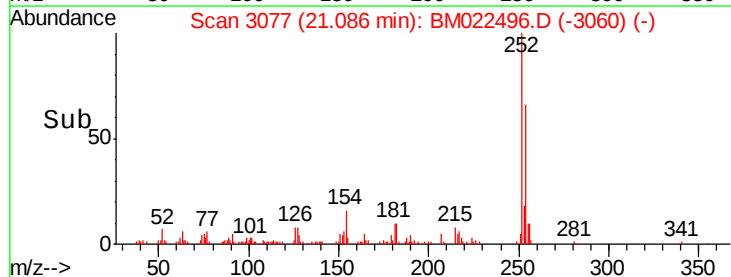
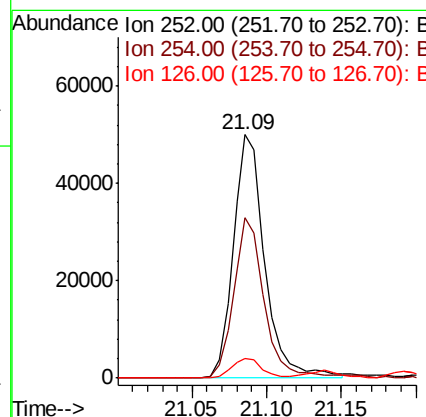
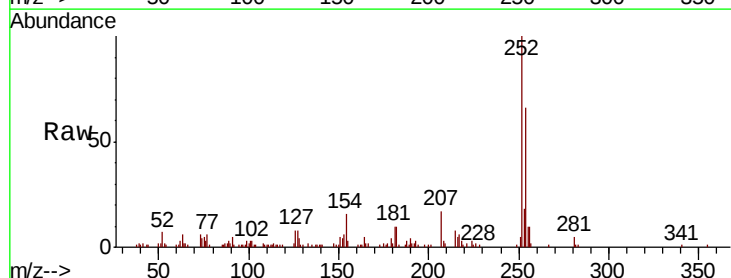
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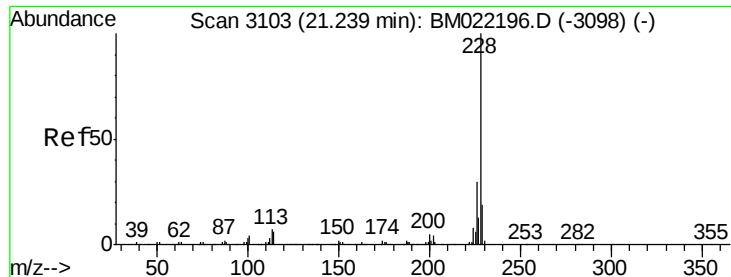
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#82
3,3'-Dichlorobenzidine
Concen: 36.853 ng
RT: 21.09 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.0	76.4
126	8.3	5.8	8.8





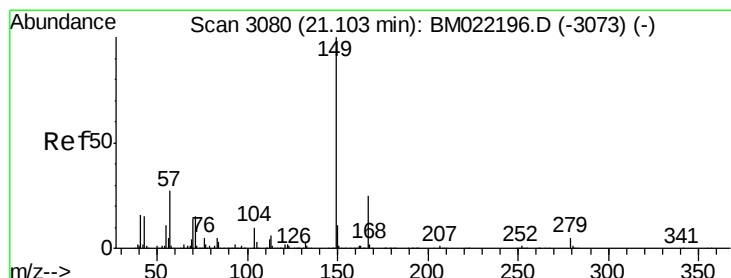
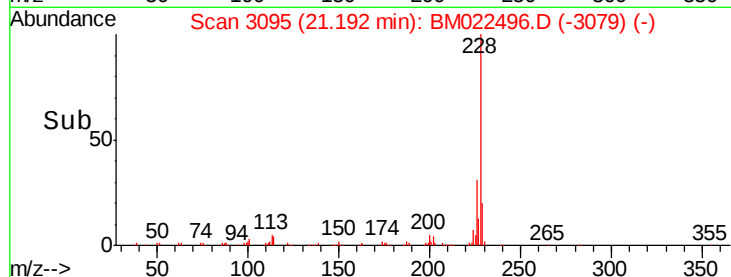
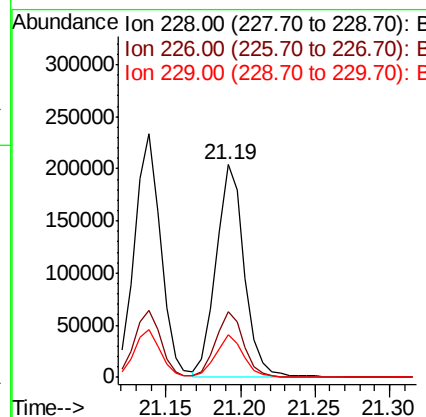
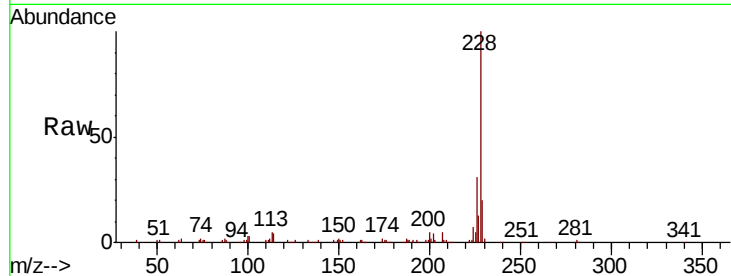
#83
 Chrysene
 Concen: 43.809 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	268792		
226	31.1		24.5	36.7
229	19.9		15.7	23.5

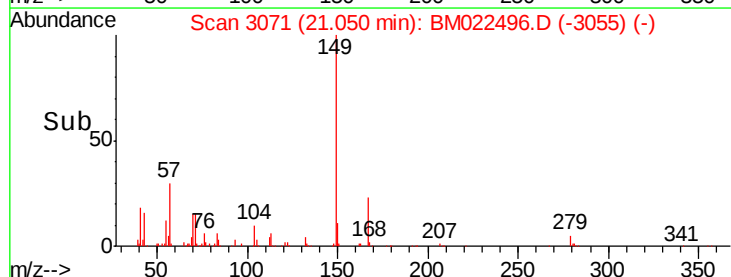
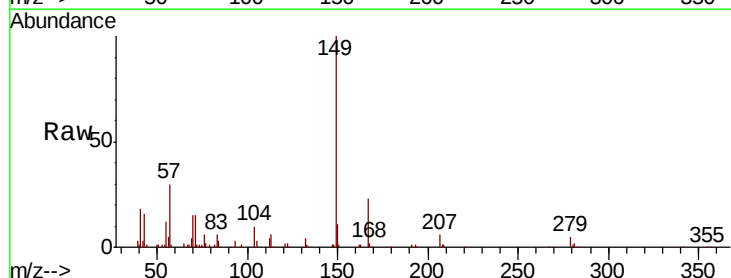
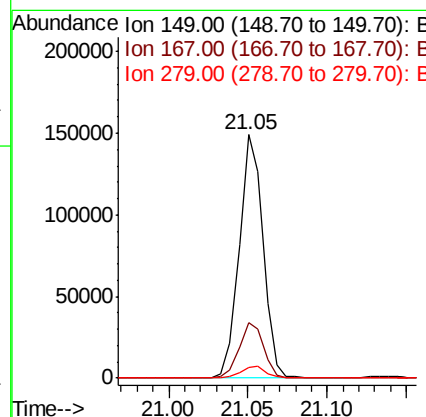
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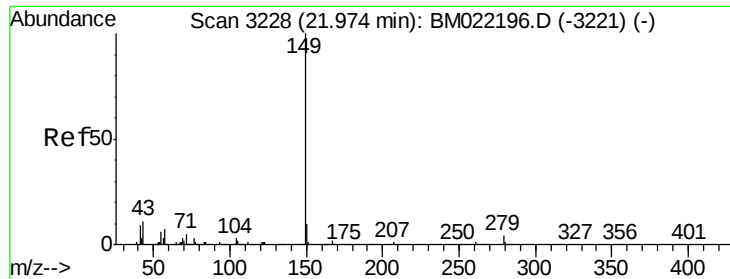
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.475 ng
 RT: 21.05 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	155091		
167	22.9		19.6	29.4
279	4.6		4.4	6.6





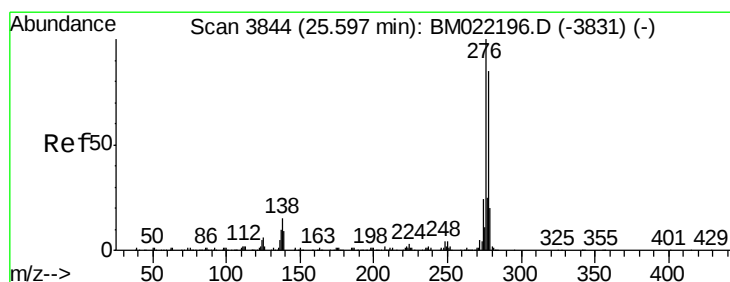
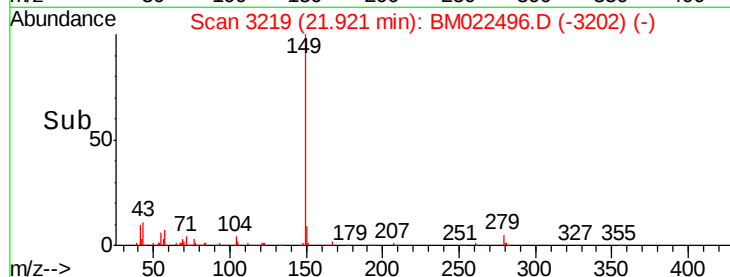
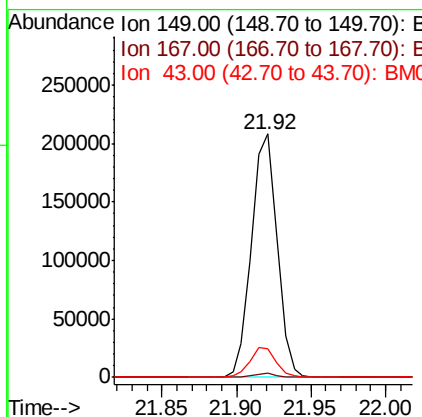
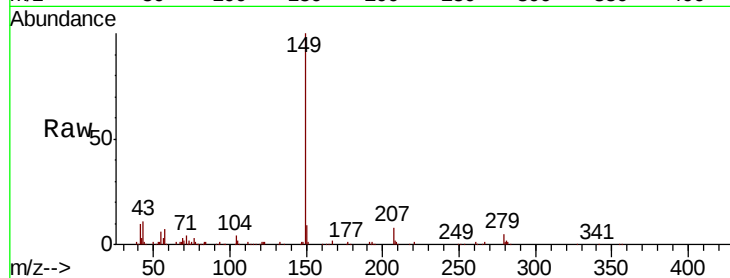
#85
Di-n-octyl phthalate
Concen: 53.176 ng
RT: 21.92 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	247691		
167	1.5	1.2	1.8	
43	12.4	9.0	13.6	

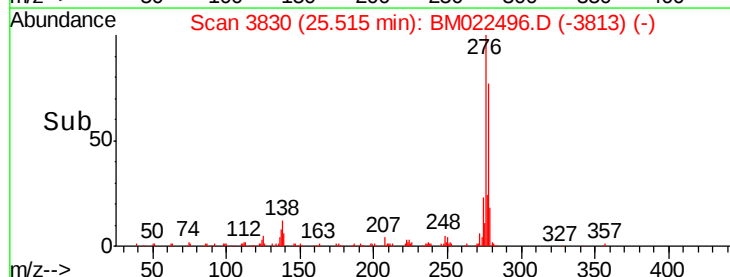
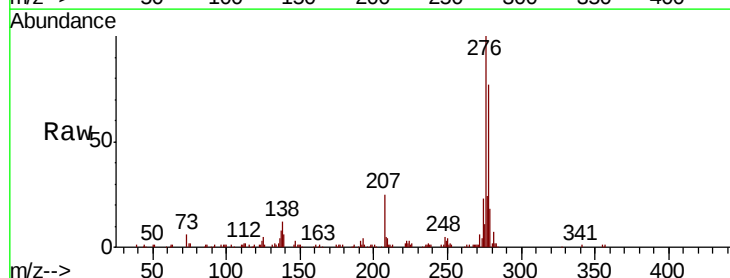
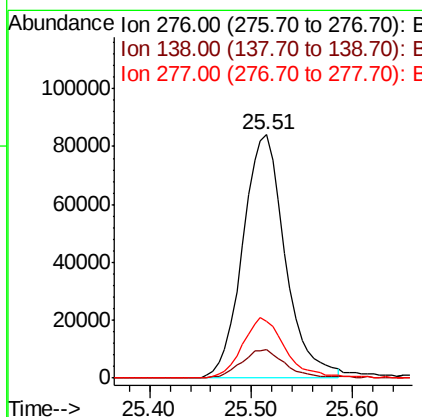
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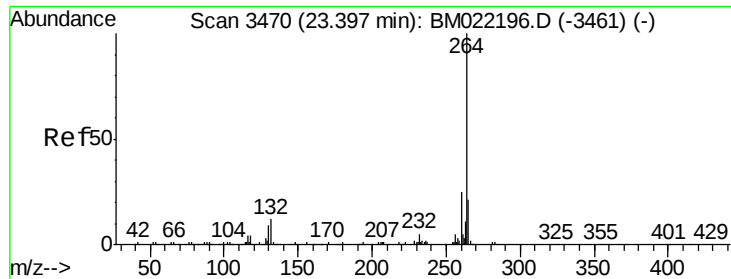
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.828 ng
RT: 25.51 min Scan# 3830
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	245801		
138	12.1	9.1	13.7	
277	24.7	20.0	30.0	





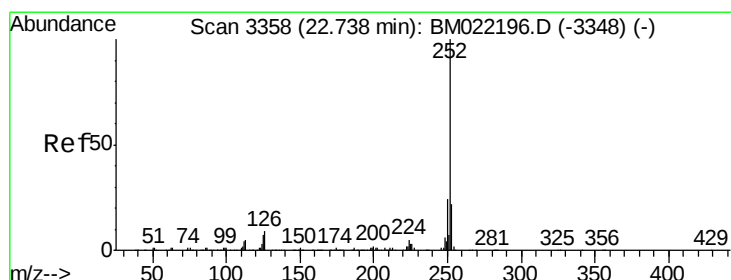
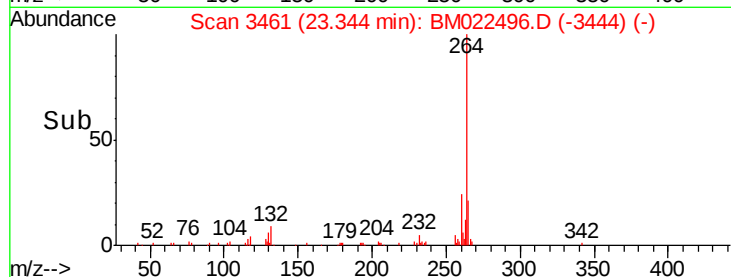
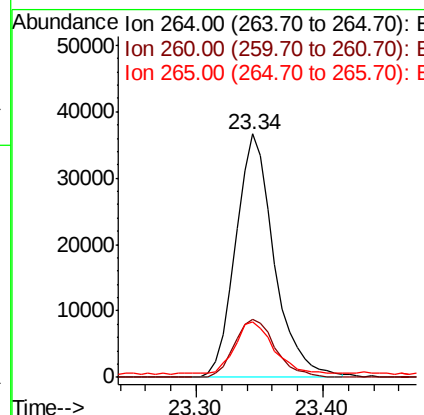
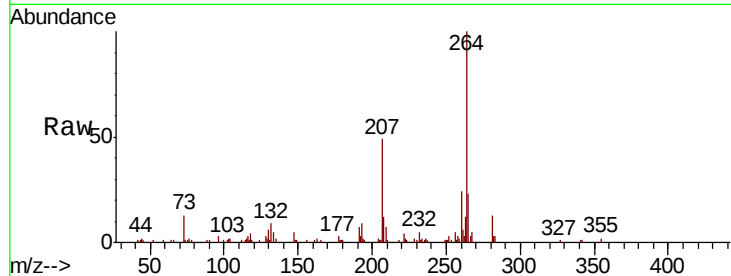
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.2
265	22.6	18.2	27.2

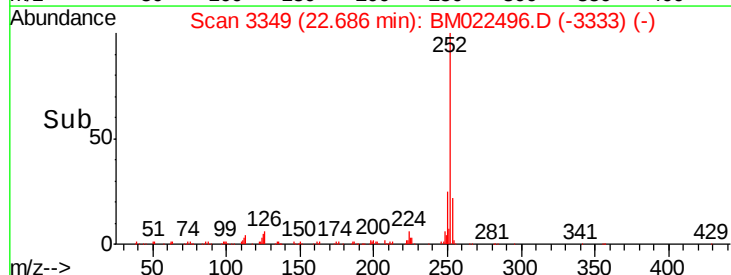
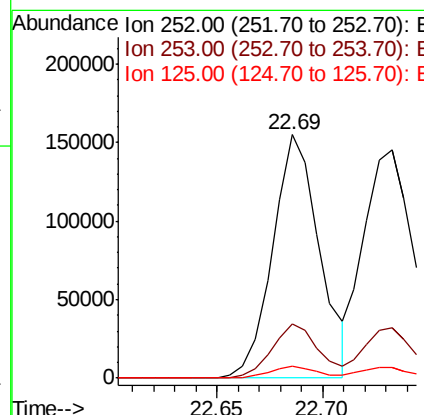
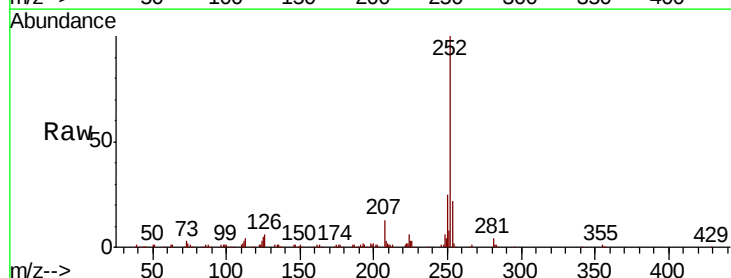
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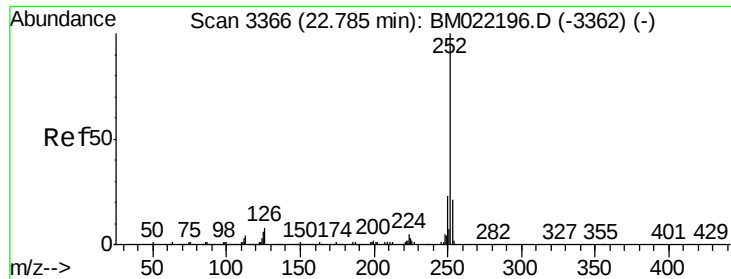
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.753 ng
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	4.8	3.5	5.3





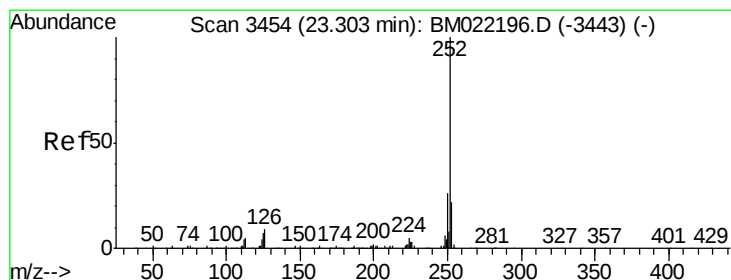
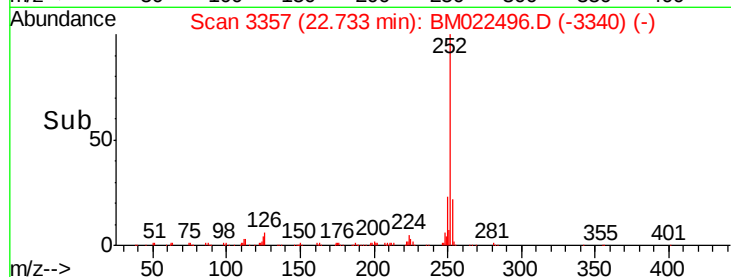
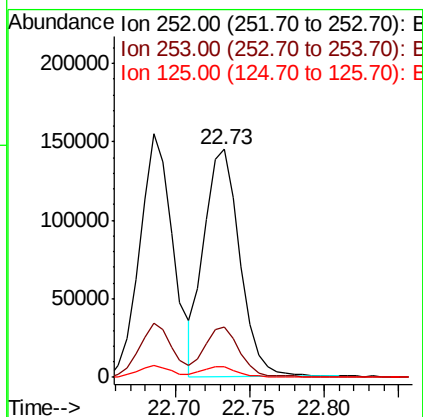
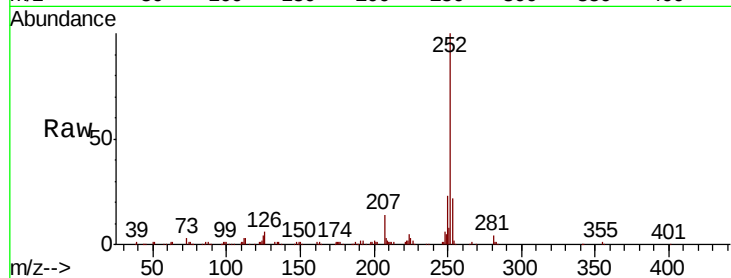
#89
Benzo(k)fluoranthene
Concen: 45.452 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	4.5	3.7	5.5

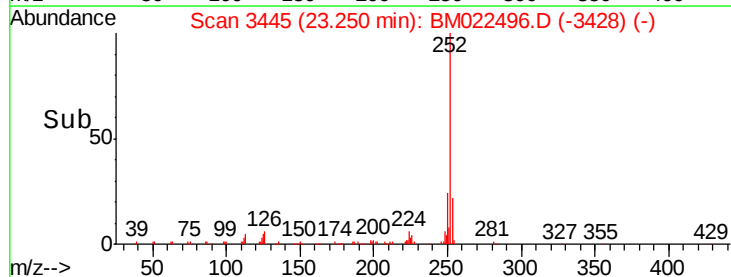
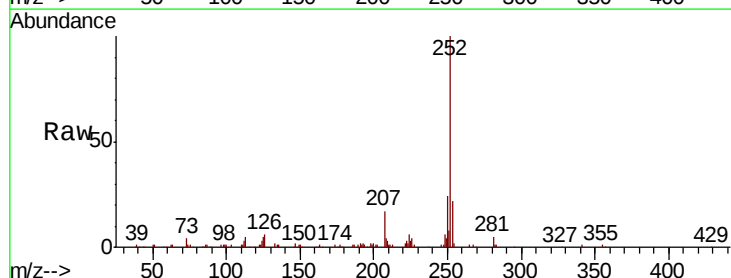
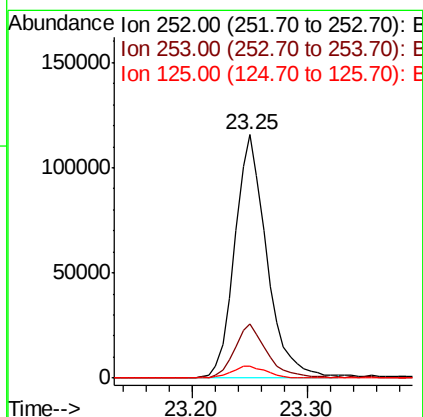
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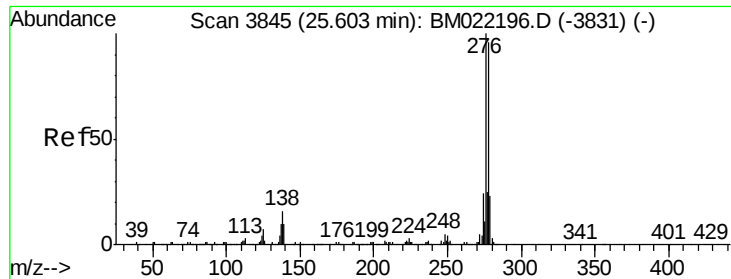
mohammad
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#90
Benzo(a)pyrene
Concen: 46.873 ng
RT: 23.25 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	5.0	3.8	5.8





#91

Dibenzo(a,h)anthracene

Concen: 42.082 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

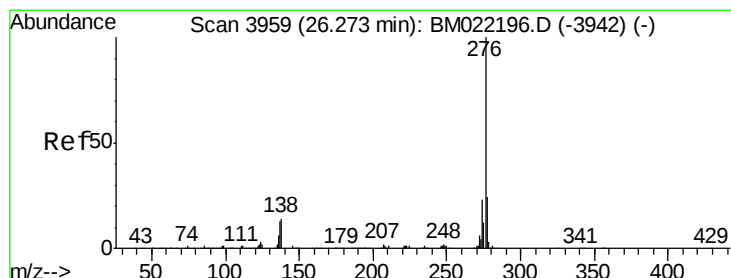
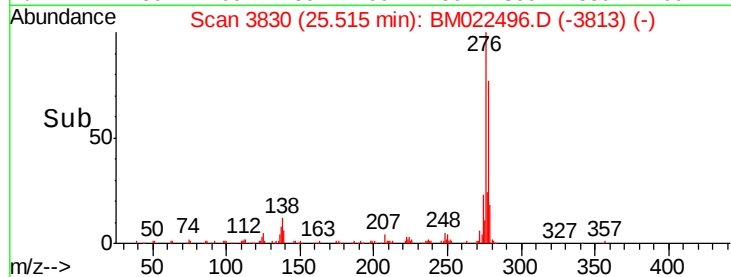
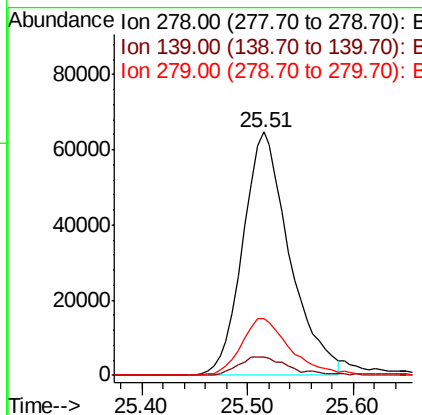
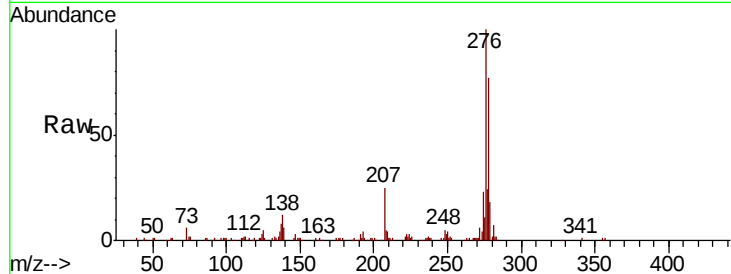
ClientSampleId :

PB122730BS

Tot Ion:	278	Resp:	199148
Ion Ratio	Lower	Upper	
278	100		
139	7.4	6.6	9.8
279	23.6	19.3	28.9

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:52 AM



#92

Benzo(g,h,i)perylene

Concen: 45.576 ng

RT: 26.19 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Tgt Ion:	276	Resp:	187973
Ion Ratio	Lower	Upper	
276	100		
277	22.6	19.4	29.0
138	10.8	8.8	13.2

