

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
 Data File : BM022205.D
 Acq On : 20 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4238-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Manual Integrations
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mohammad
 8/22/2019 12:48:30 PM

Quant Time: Aug 20 14:03:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	37226	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	138084	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	81440	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	151357	20.00	ng	0.00
76) Chrysene-d12	21.19	240	131355	20.00	ng	0.00
87) Perylene-d12	23.39	264	140863	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	277691	132.93	ng	0.00
7) Phenol-d6	6.77	99	364904	131.17	ng	0.00
23) Nitrobenzene-d5	8.74	82	265428	93.49	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	174951	132.72	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	584855	89.70	ng	0.00
79) Terphenyl-d14	19.63	244	753621	83.60	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.18	88	31479	35.965	ng	# 85
3) Pyridine	3.57	79	73170	32.998	ng	# 87
4) n-Nitrosodimethylamine	3.49	42	56880	42.817	ng	# 59
6) Aniline	6.93	93	105768	28.397	ng	95
8) 2-Chlorophenol	7.14	128	108336	43.556	ng	95
9) Benzaldehyde	6.74	77	52290	29.661	ng	91
10) Phenol	6.79	94	131626	44.692	ng	78
11) bis(2-Chloroethyl)ether	7.02	93	90936	39.032	ng	93
12) 1,3-Dichlorobenzene	7.46	146	115827	38.206	ng	# 92
13) 1,4-Dichlorobenzene	7.60	146	118537	38.514	ng	96
14) 1,2-Dichlorobenzene	7.91	146	116465	38.853	ng	94
15) Benzyl Alcohol	7.83	79	94752	38.746	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	119407	36.991	ng	98
17) 2-Methylphenol	8.02	107	86842	41.341	ng	# 92
18) Hexachloroethane	8.62	117	52383	39.202	ng	87
19) n-Nitroso-di-n-propylamine	8.39	70	82951	37.855	ng	# 89
20) 3+4-Methylphenols	8.36	107	113976	40.175	ng	92
22) Acetophenone	8.40	105	156005	44.040	ng	# 90
24) Nitrobenzene	8.78	77	129860	44.675	ng	92
25) Isophorone	9.30	82	214785	42.629	ng	# 96
26) 2-Nitrophenol	9.48	139	57092	46.369	ng	# 73
27) 2,4-Dimethylphenol	9.54	122	93907	50.599	ng	90
28) bis(2-Chloroethoxy)methane	9.78	93	127172	42.664	ng	99
29) 2,4-Dichlorophenol	10.01	162	103623	46.269	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	120586	43.712	ng	99
31) Naphthalene	10.39	128	318063	44.350	ng	99
32) Benzoic acid	9.73	122	59737m	37.706	ng	
33) 4-Chloroaniline	10.55	127	28510	9.499	ng	97
34) Hexachlorobutadiene	10.65	225	102342	43.237	ng	97
35) Caprolactam	11.37	113	23169m	38.486	ng	
36) 4-Chloro-3-methylphenol	11.66	107	103234	43.610	ng	96
37) 2-Methylnaphthalene	12.02	142	229425	43.767	ng	# 93
38) 1-Methylnaphthalene	12.24	142	216998	43.339	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	154934	48.602	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	181804	95.077	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	88114	46.110	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	89890	46.341	ng	# 93
46) 1,1'-Biphenyl	13.05	154	296541	46.300	ng	99
47) 2-Chloronaphthalene	13.09	162	234623	44.512	ng	96
48) 2-Nitroaniline	13.33	65	67541	40.538	ng	89
49) Acenaphthylene	13.95	152	363065	44.906	ng	100
50) Dimethylphthalate	13.70	163	351483	51.334	ng	99
51) 2,6-Dinitrotoluene	13.84	165	59574	44.058	ng	# 60
52) Acenaphthene	14.29	154	208294	44.177	ng	98
53) 3-Nitroaniline	14.17	138	25730	19.108	ng	96
54) 2,4-Dinitrophenol	14.40	184	51492	67.687	ng	# 65
55) Dibenzofuran	14.63	168	349928	44.664	ng	# 90
56) 4-Nitrophenol	14.50	139	88682	98.813	ng	# 60
57) 2,4-Dinitrotoluene	14.64	165	82779	42.643	ng	# 56
58) Fluorene	15.29	166	278317	42.138	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	86814	44.890	ng	# 92
60) Diethylphthalate	15.07	149	299286	41.450	ng	95
61) 4-Chlorophenyl-phenylether	15.28	204	175020	42.046	ng	94
62) 4-Nitroaniline	15.35	138	45059	36.153	ng	# 51
63) Azobenzene	15.57	77	307197	44.152	ng	82
65) 4,6-Dinitro-2-methylphenol	15.41	198	40597	42.423	ng	95
66) n-Nitrosodiphenylamine	15.51	169	227529	46.882	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	101509	45.258	ng	# 93
68) Hexachlorobenzene	16.28	284	111783	43.869	ng	# 83
69) Atrazine	16.47	200	84024	52.283	ng	98
70) Pentachlorophenol	16.64	266	120099	96.876	ng	99
71) Phenanthrene	17.03	178	396246	45.144	ng	98
72) Anthracene	17.12	178	397348	45.604	ng	98
73) Carbazole	17.41	167	317065	43.610	ng	98
74) Di-n-butylphthalate	17.96	149	468648	42.484	ng	# 97
75) Fluoranthene	19.06	202	453902	42.883	ng	99
77) Benzidine	19.27	184	157074	53.314	ng	100
78) Pyrene	19.42	202	455162	49.229	ng	99
80) Butylbenzylphthalate	20.33	149	187633	45.372	ng	87
81) Benzo(a)anthracene	21.18	228	415906	45.023	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	77175	23.961	ng	97
83) Chrysene	21.23	228	400915	44.958	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	275284	44.263	ng	# 93
85) Di-n-octyl phthalate	21.97	149	433547	43.069	ng	# 93
86) Indeno(1,2,3-cd)pyrene	25.59	276	528162	52.875	ng	97
88) Benzo(b)fluoranthene	22.73	252	408475	43.428	ng	99
89) Benzo(k)fluoranthene	22.78	252	392435	42.683	ng	99
90) Benzo(a)pyrene	23.30	252	395176	46.134	ng	98
91) Dibenzo(a,h)anthracene	25.60	278	442582	48.627	ng	# 97
92) Benzo(g,h,i)perylene	26.26	276	416345	52.323	ng	98

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

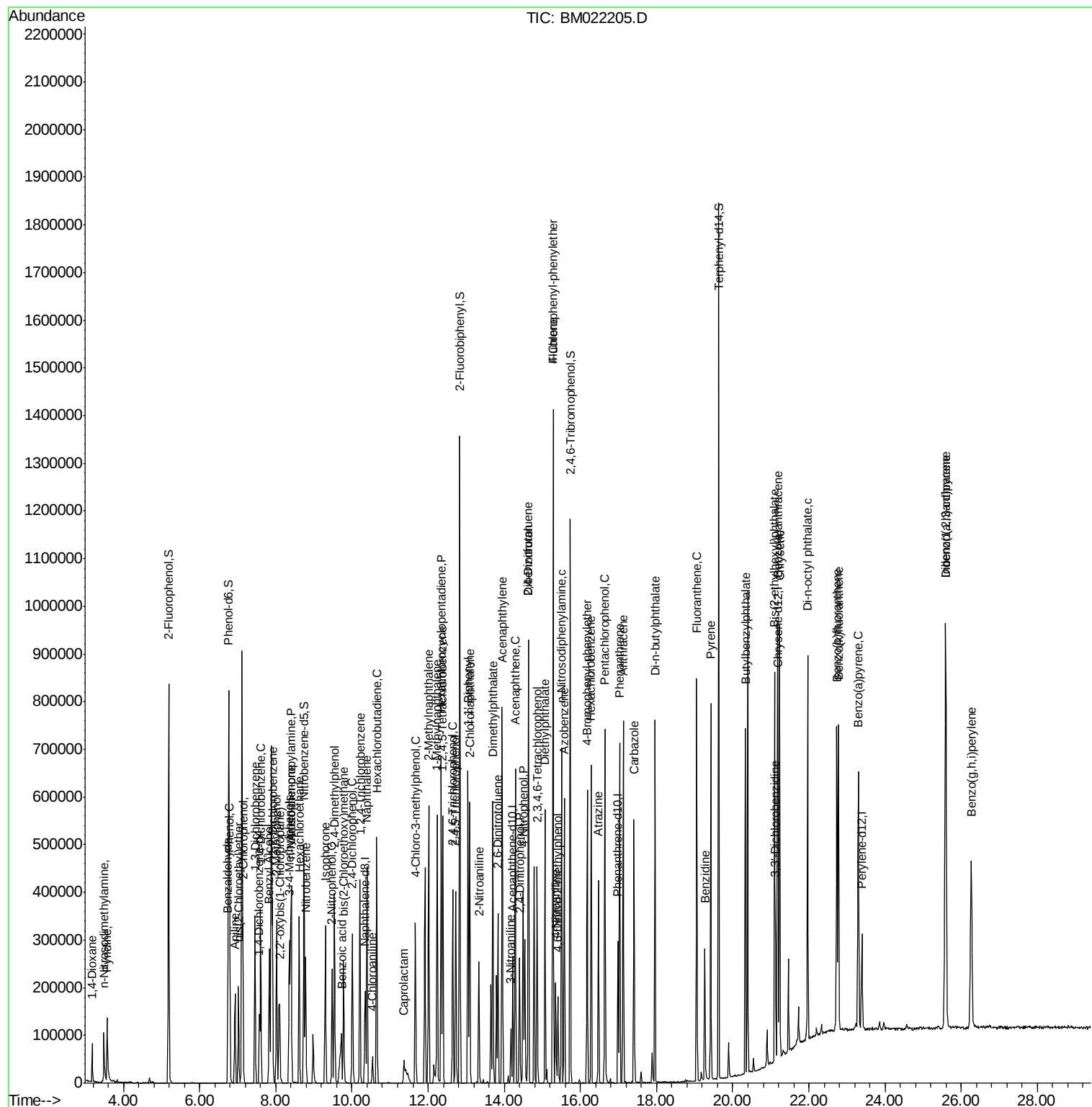
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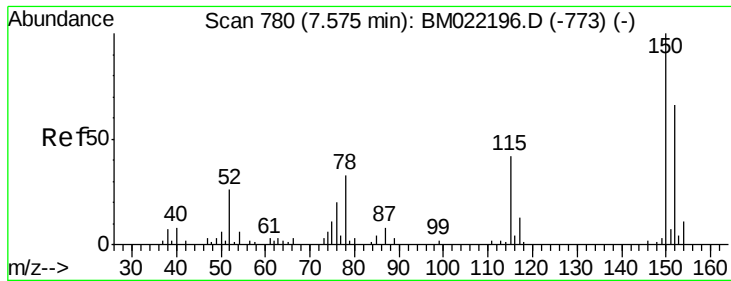
Instrument :
BNA_M
ClientSampled :
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#1

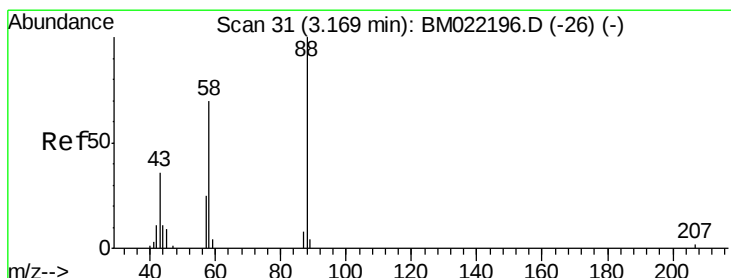
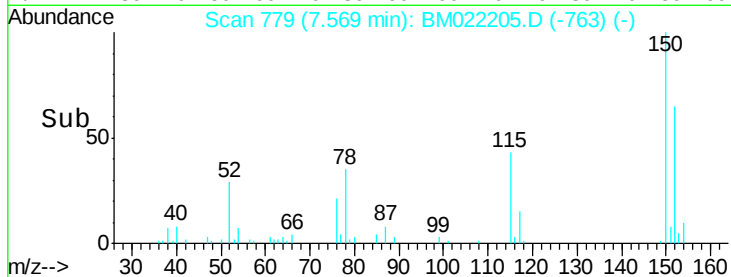
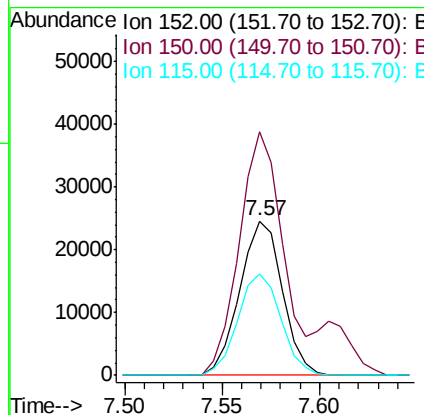
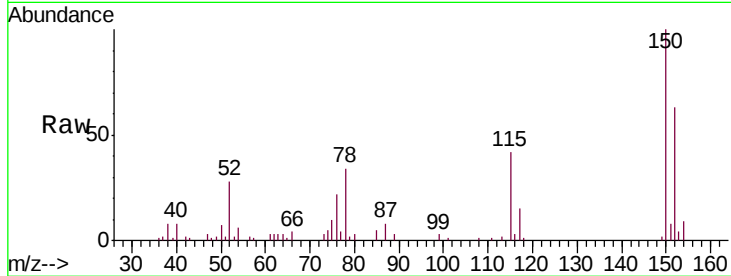
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampled :
TP-17MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.1	184.7
115	65.8	44.2	66.4

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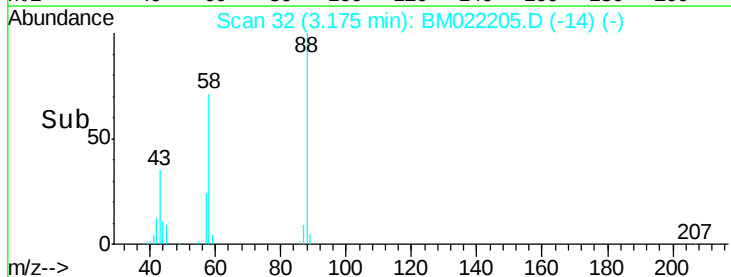
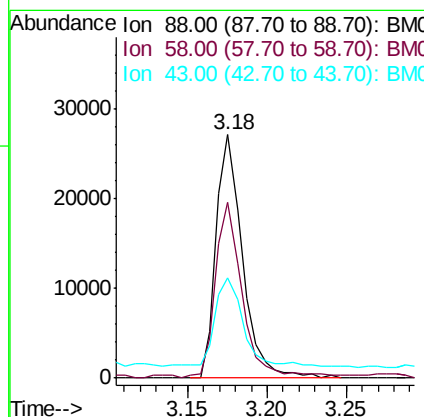
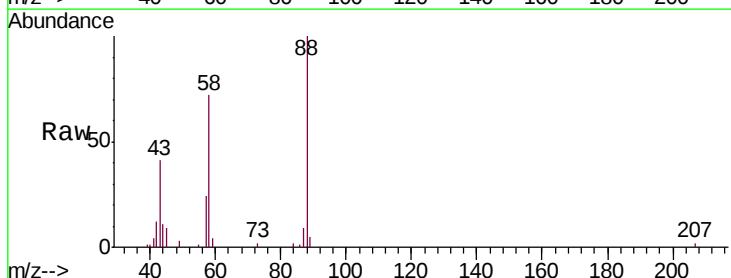
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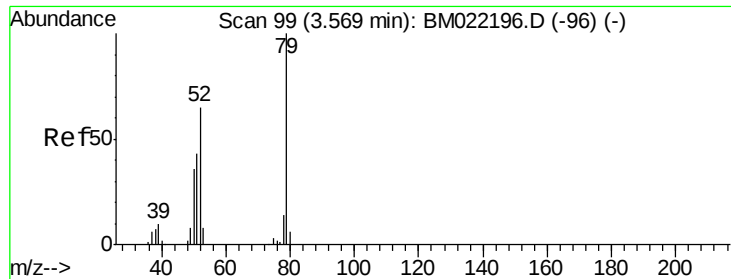


#2

1,4-Dioxane
Concen: 35.965 ng
RT: 3.18 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	51.9	77.9
43	38.5	21.4	32.2





#3

Pyridine

Concen: 32.998 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

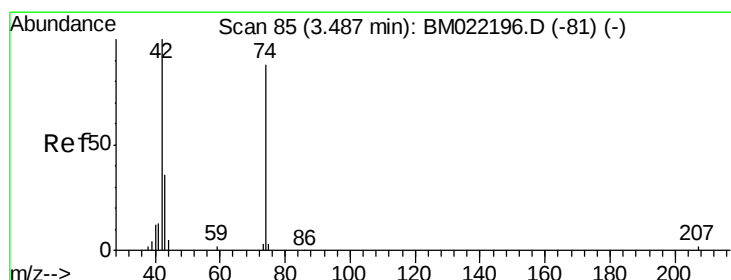
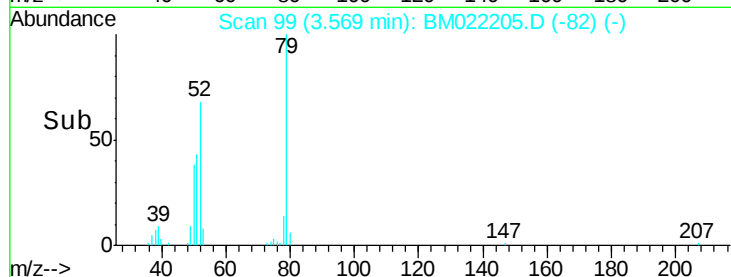
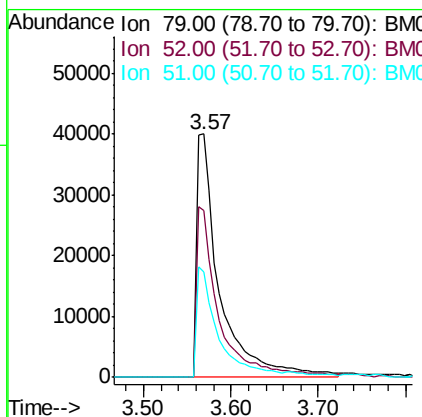
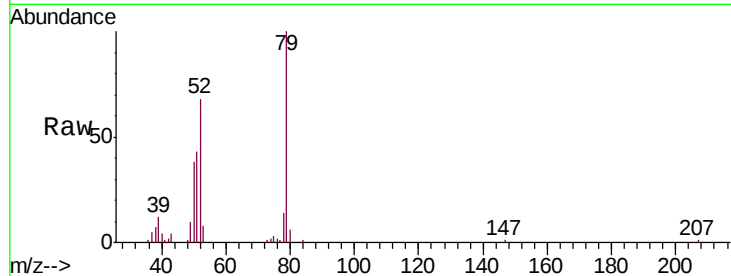
ClientSampled :

TP-17MS

Tgt Ion:	79	Resp:	73170
Ion	Ratio	Lower	Upper
79	100		
52	68.5	48.8	73.2
51	43.1	25.7	38.5#

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#4

n-Nitrosodimethylamine

Concen: 42.817 ng

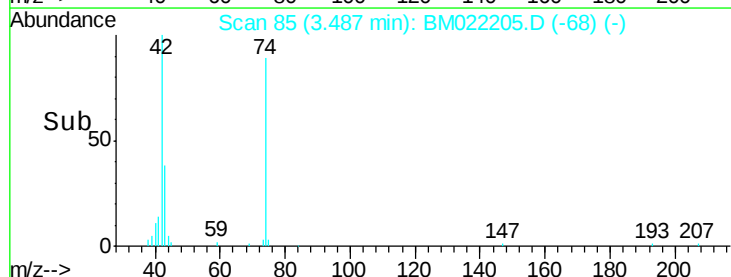
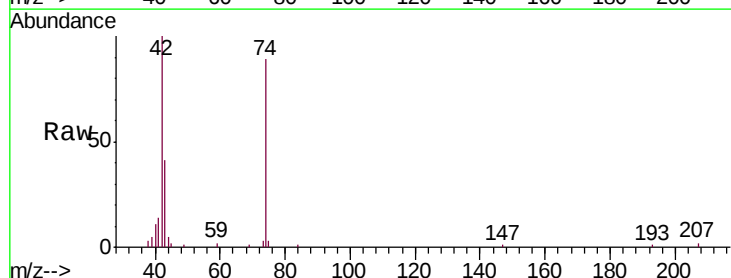
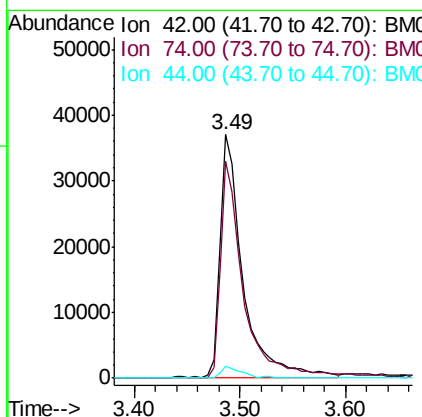
RT: 3.49 min Scan# 85

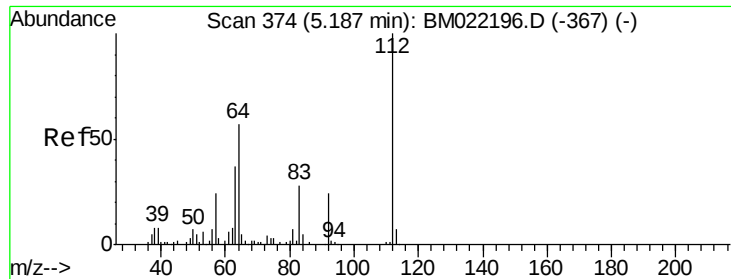
Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	42	Resp:	56880
Ion	Ratio	Lower	Upper
42	100		
74	89.2	113.8	170.6#
44	4.9	8.2	12.2#





#5

2-Fluorophenol

Concen: 132.928 ng

RT: 5.19 min Scan# 374

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

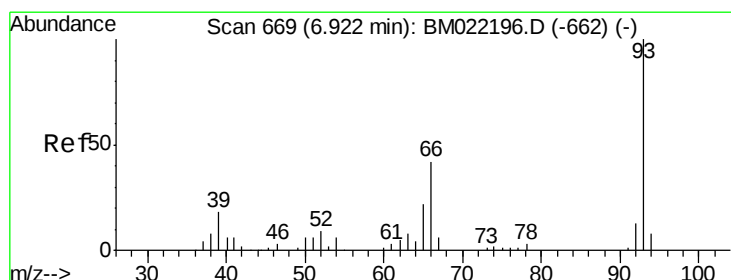
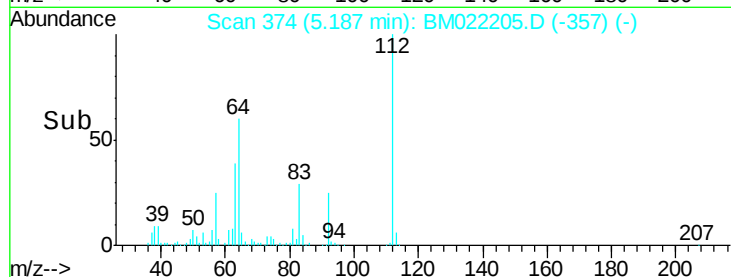
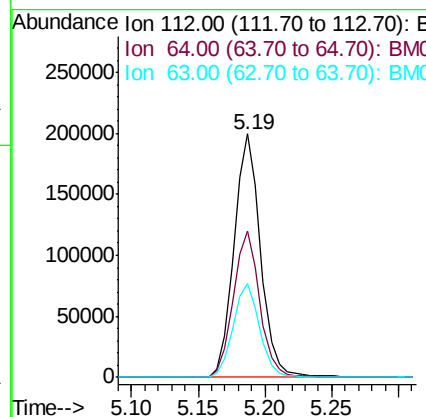
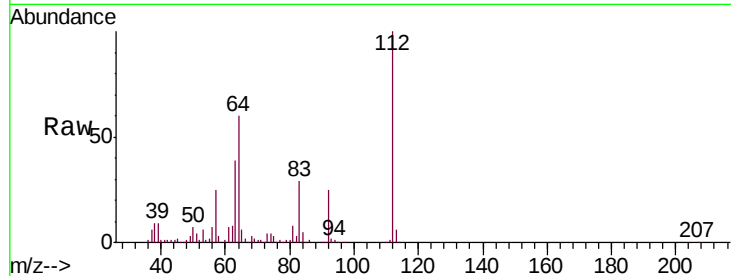
ClientSampled :

TP-17MS

Tgt Ion:	112	Resp:	277691
Ion Ratio	Lower	Upper	
112	100		
64	60.4	45.2	67.8
63	38.6	23.5	35.3#

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#6

Aniline

Concen: 28.397 ng

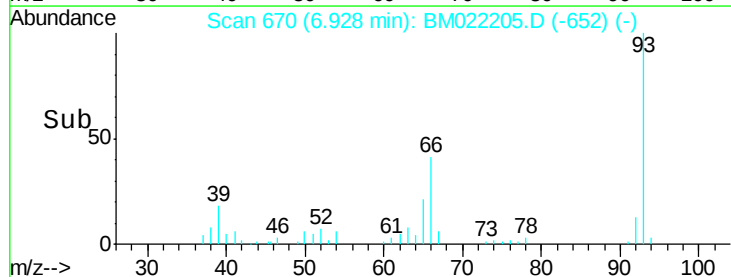
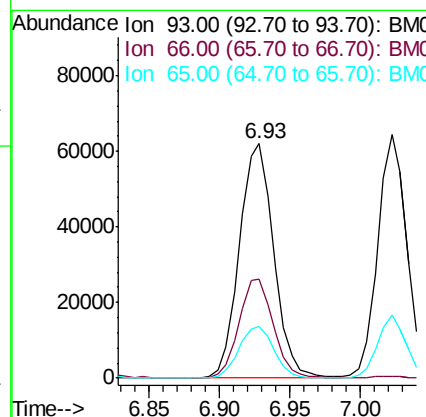
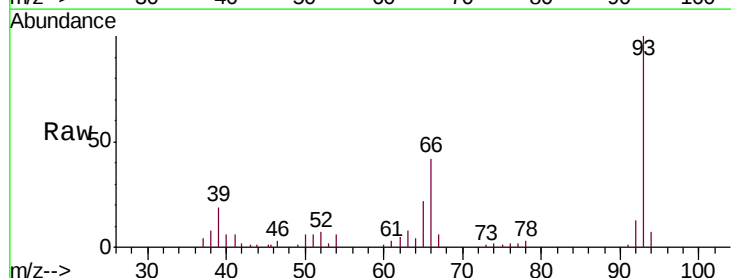
RT: 6.93 min Scan# 670

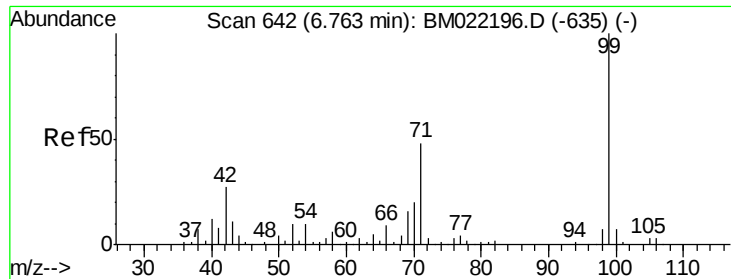
Delta R.T. 0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	93	Resp:	105768
Ion Ratio	Lower	Upper	
93	100		
66	42.2	31.3	46.9
65	22.1	15.9	23.9





#7

Phenol-d6

Concen: 131.170 ng

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 364904

Ion Ratio Lower Upper

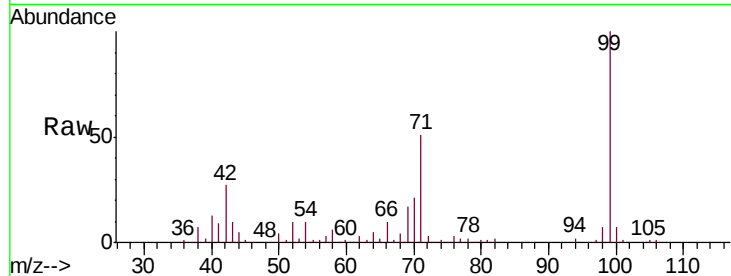
99 100

42 27.2 13.5 20.3#

71 51.0 29.3 43.9#

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Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)

6.77

250000

200000

150000

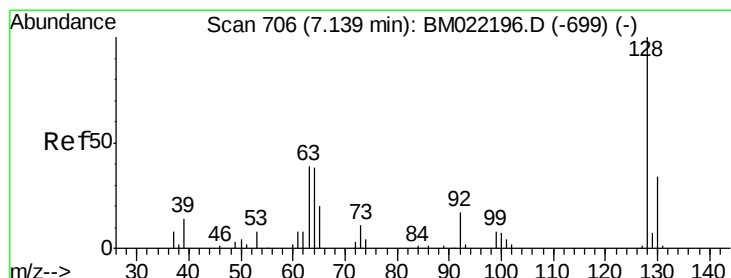
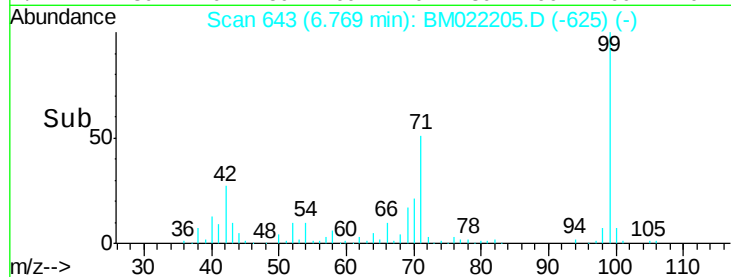
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#8

2-Chlorophenol

Concen: 43.556 ng

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

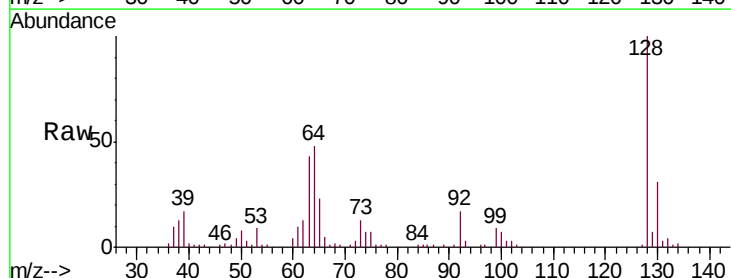
Tgt Ion: 128 Resp: 108336

Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

64 48.1 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): BM022196.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BM022196.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BM022196.D (-699) (-)

7.14

100000

80000

60000

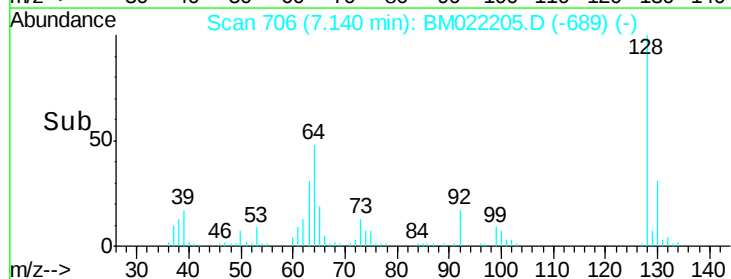
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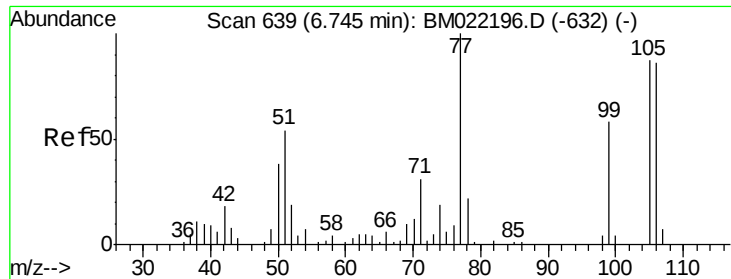
20000

0

7.10 7.15 7.20

Time-->





#9

Benzaldehyde

Concen: 29.661 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

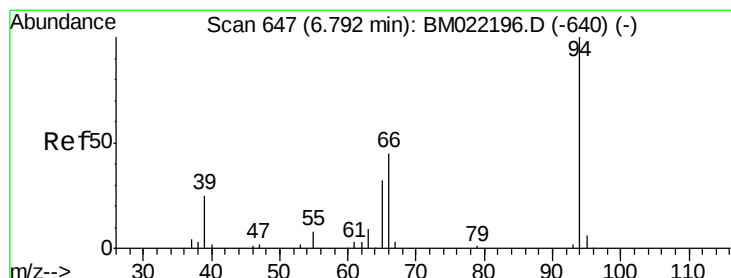
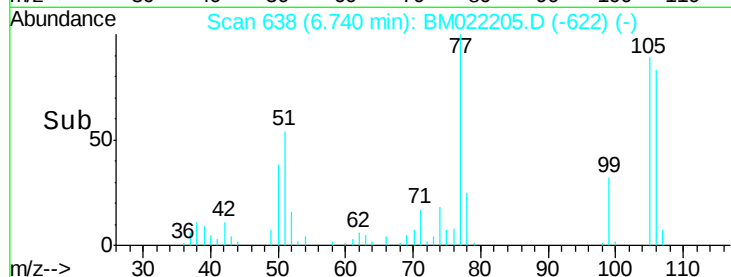
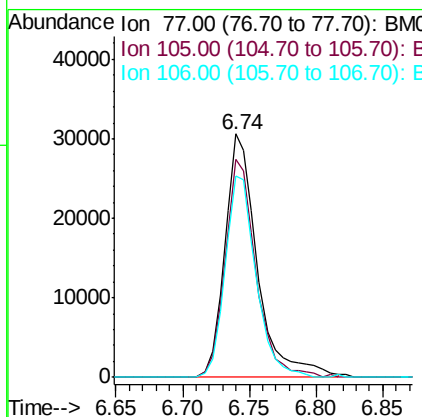
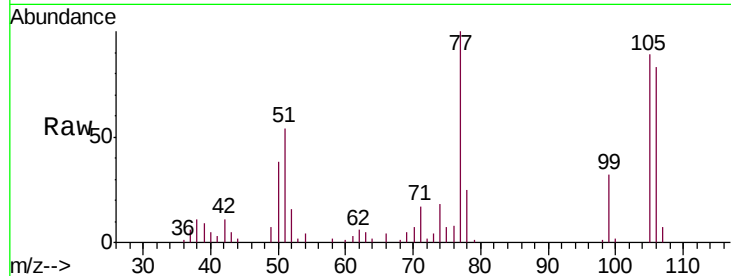
ClientSampled :

TP-17MS

Tgt Ion:	77	Resp:	52290
Ion	Ratio	Lower	Upper
77	100		
105	89.4	77.8	117.8
106	82.9	71.8	111.8

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#10

Phenol

Concen: 44.692 ng

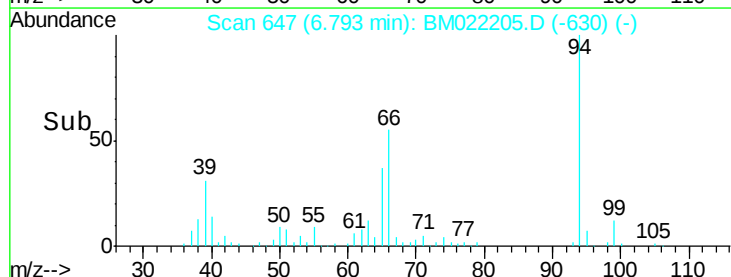
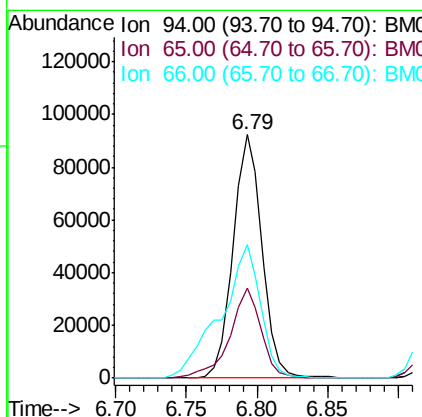
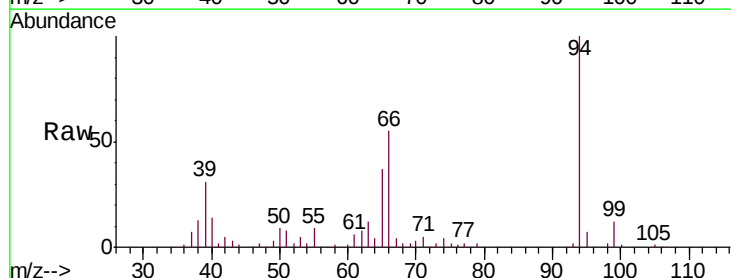
RT: 6.79 min Scan# 647

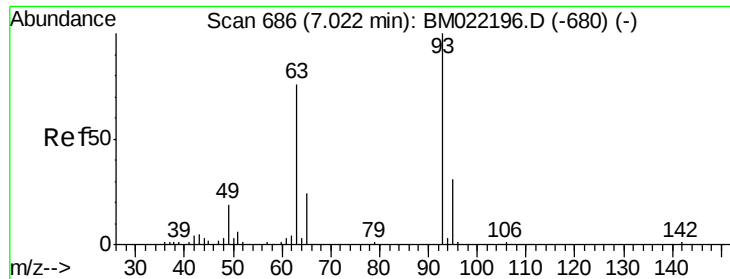
Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	94	Resp:	131626
Ion	Ratio	Lower	Upper
94	100		
65	37.2	8.7	48.7
66	55.1	19.0	59.0





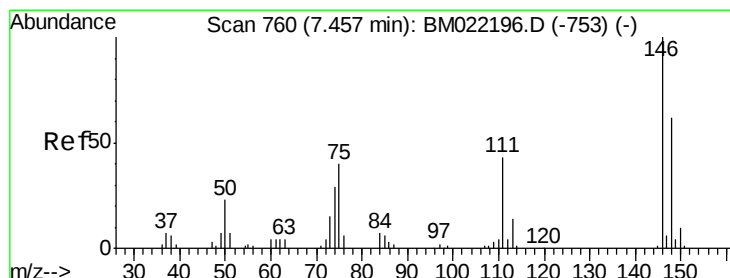
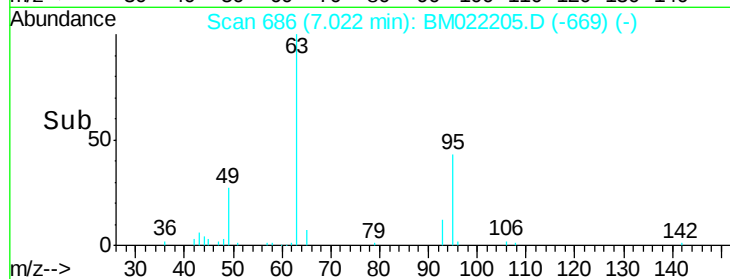
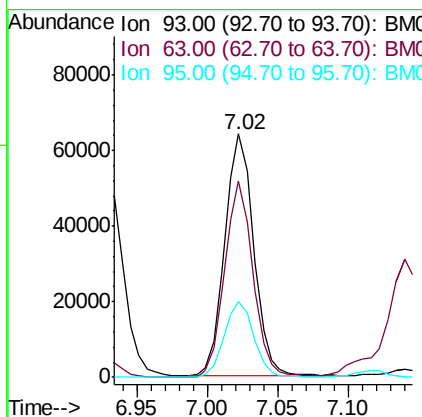
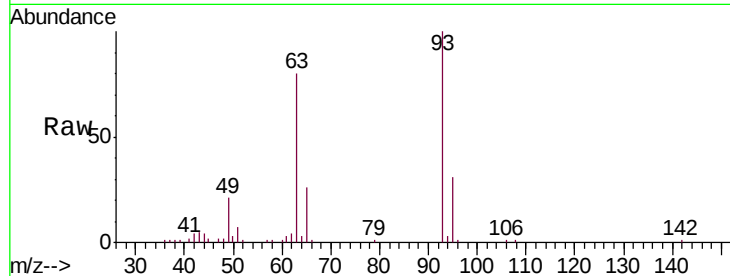
#11
bis(2-Chloroethyl)ether
Concen: 39.032 ng
RT: 7.02 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.5	53.4	93.4
95	31.4	13.0	53.0

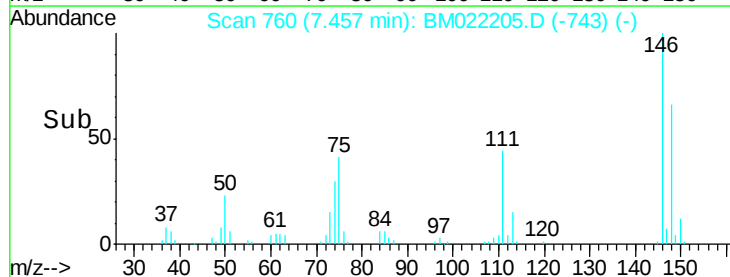
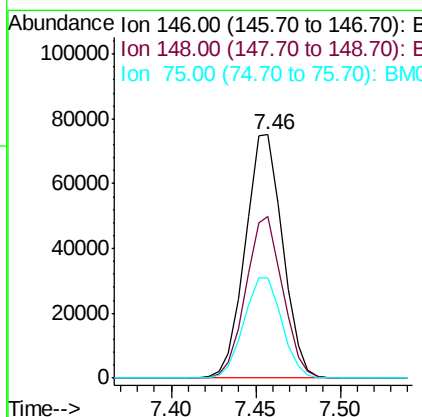
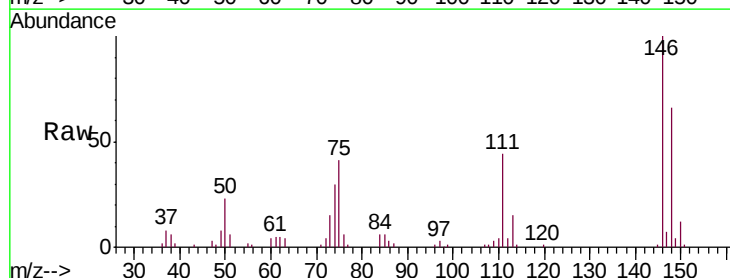
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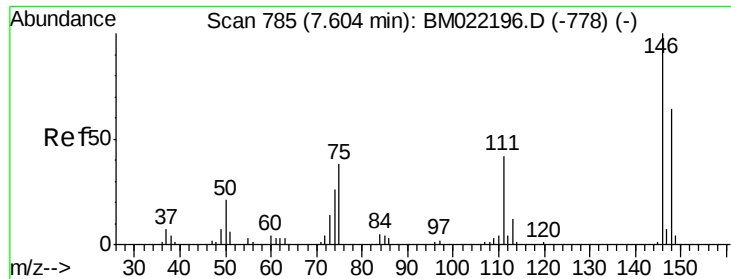
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.206 ng
RT: 7.46 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.2	78.2
75	40.9	22.2	33.4





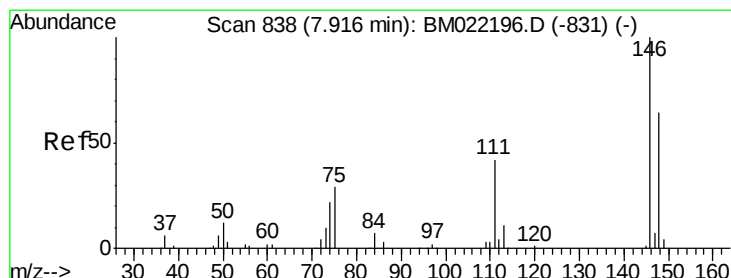
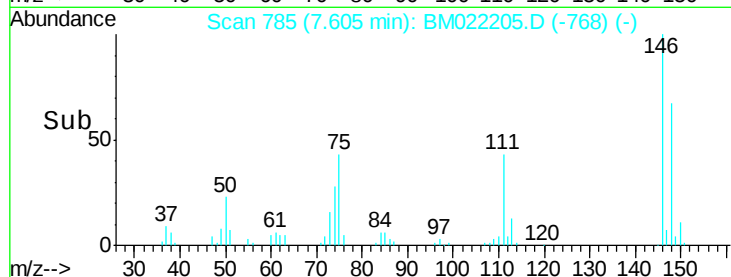
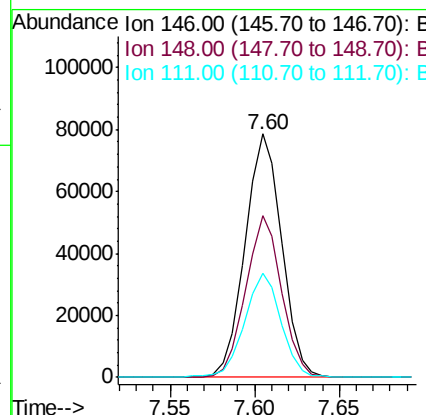
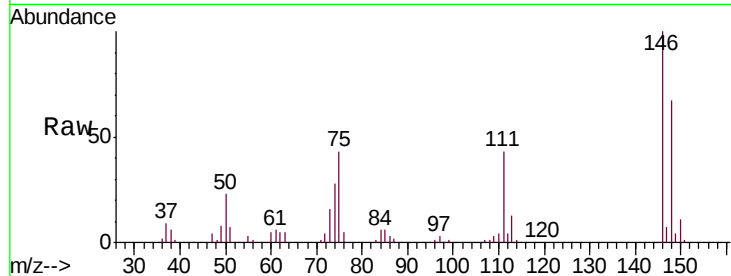
#13
 1,4-Dichlorobenzene
 Concen: 38.514 ng
 RT: 7.60 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	118537		
148	66.5	51.9	77.9	
111	42.9	31.4	47.0	

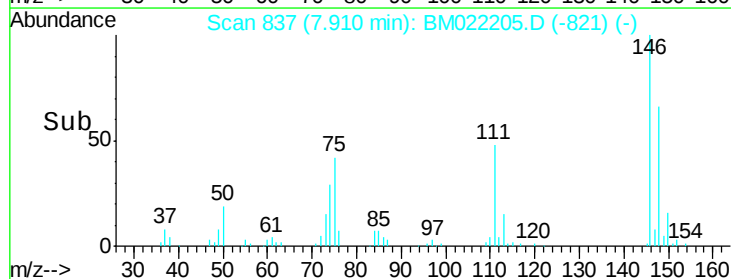
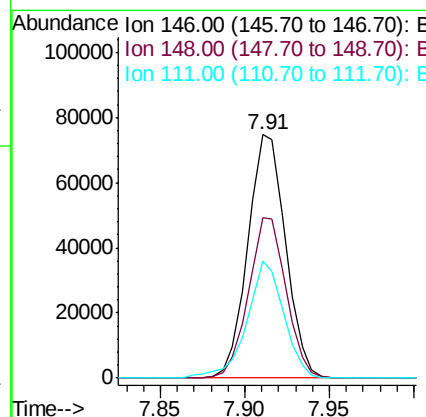
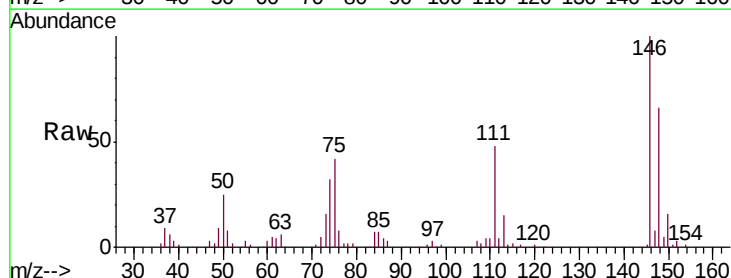
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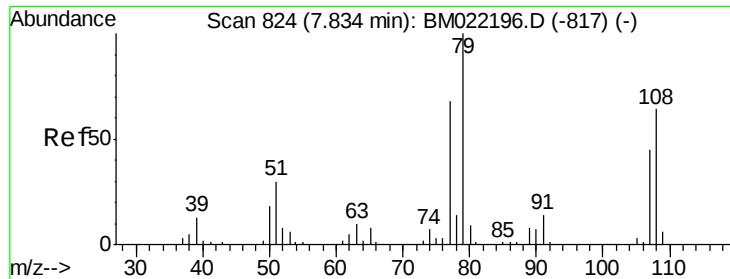
mohammad
 8/22/2019 12:48:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.853 ng
 RT: 7.91 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116465		
148	66.1	51.2	76.8	
111	48.2	32.8	49.2	





#15

Benzyl Alcohol

Concen: 38.746 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

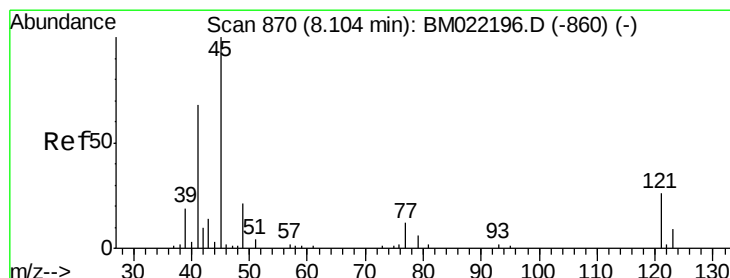
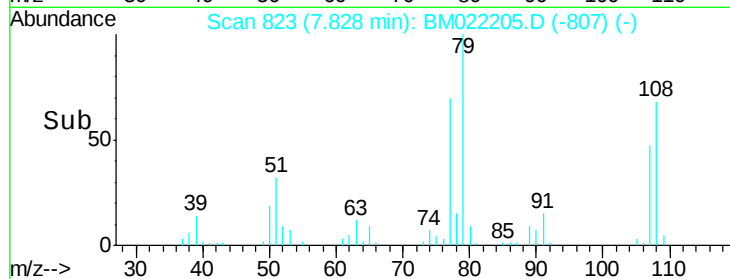
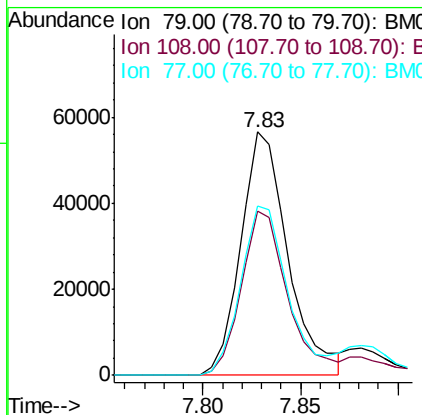
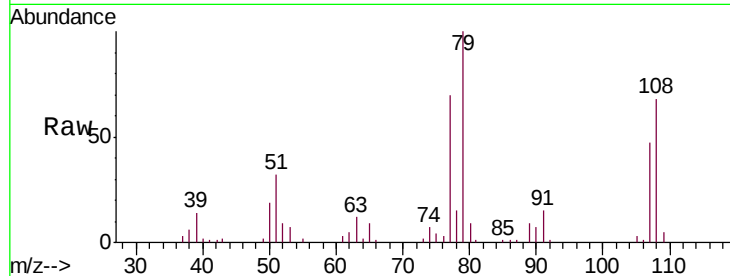
ClientSampled :

TP-17MS

Tgt Ion:	79	Resp:	94752
Ion	Ratio	Lower	Upper
79	100		
108	67.6	58.4	87.6
77	69.5	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.991 ng

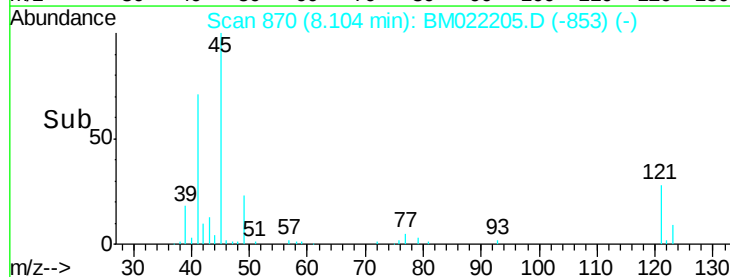
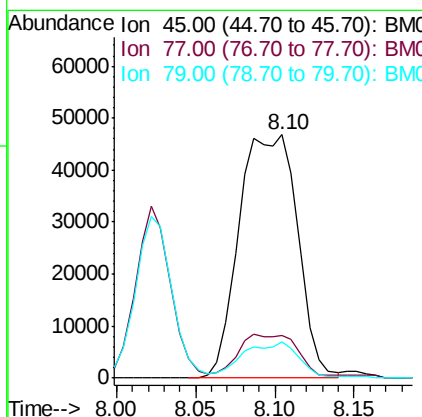
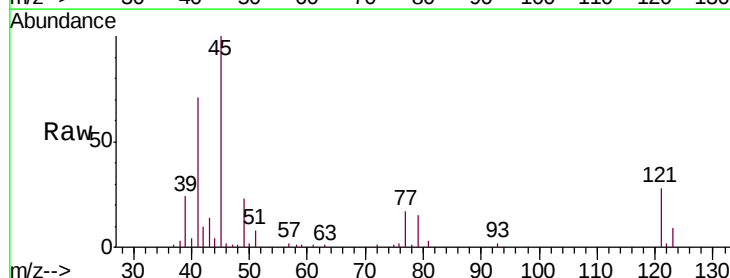
RT: 8.10 min Scan# 870

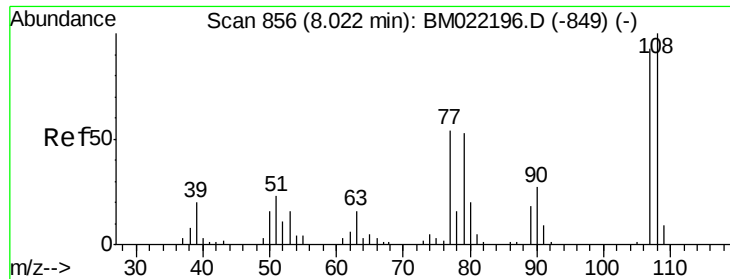
Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	45	Resp:	119407
Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	37.5
79	14.9	0.0	33.5





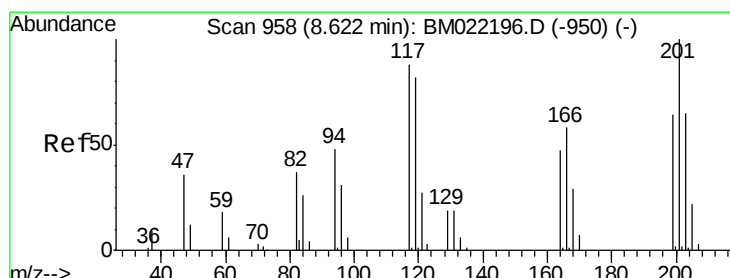
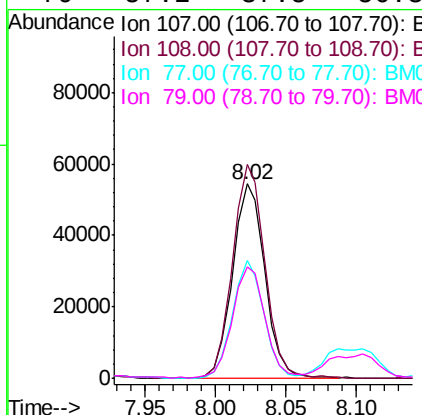
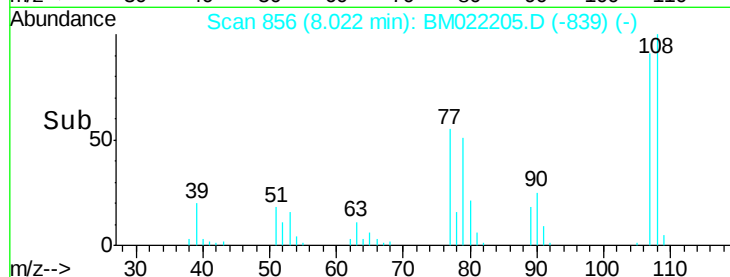
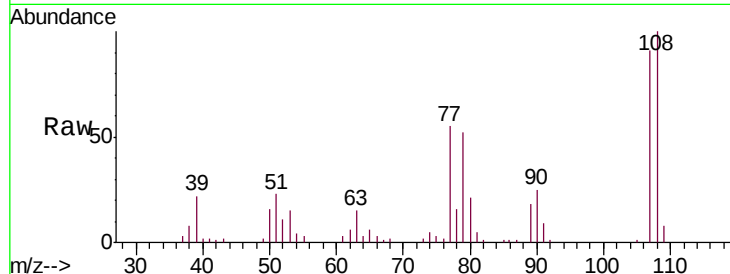
#17
2-Methylphenol
Concen: 41.341 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampled :
TP-17MS

Tgt Ion:	107	Resp:	86842
Ion Ratio	Lower	Upper	
107	100		
108	109.8	87.5	131.3
77	60.7	37.8	56.8#
79	57.2	37.5	56.3#

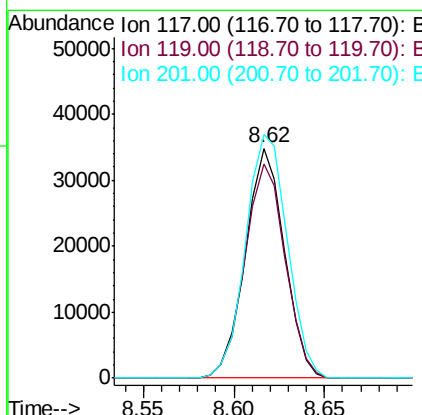
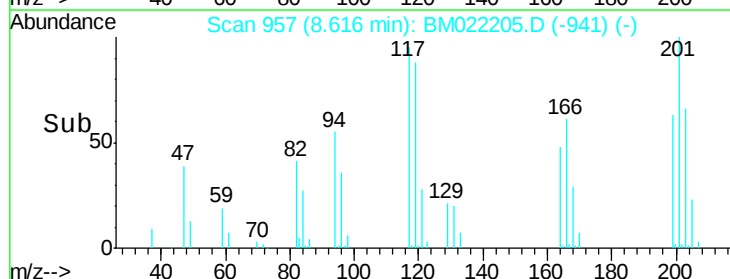
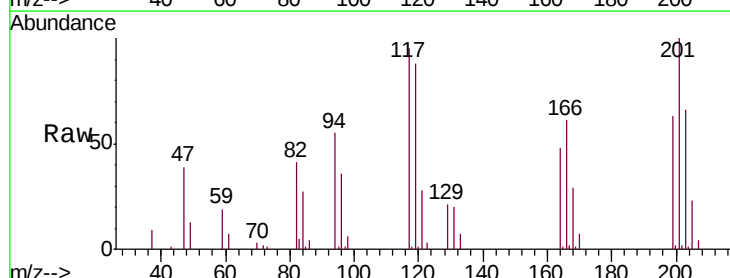
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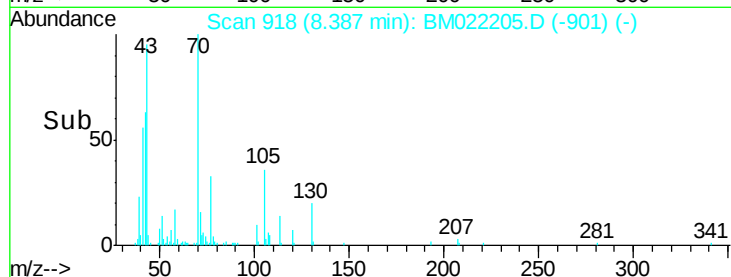
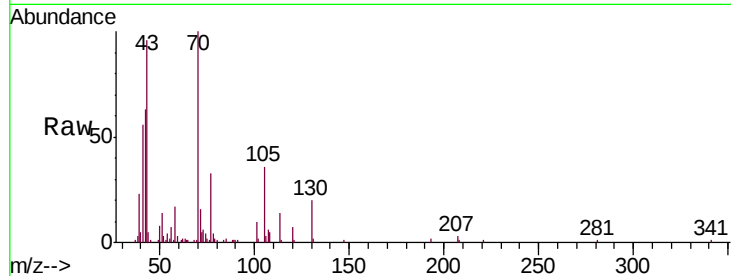
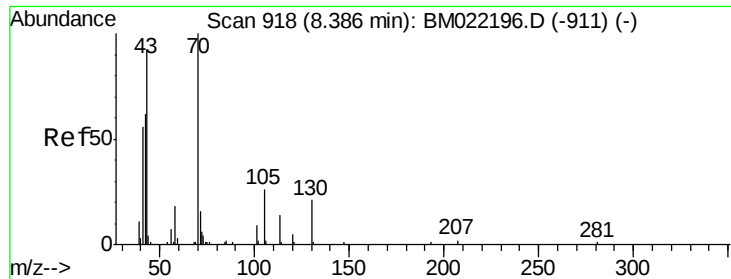
mohammad
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#18
Hexachloroethane
Concen: 39.202 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion:	117	Resp:	52383
Ion Ratio	Lower	Upper	
117	100		
119	93.1	77.5	116.3
201	105.8	102.3	153.5





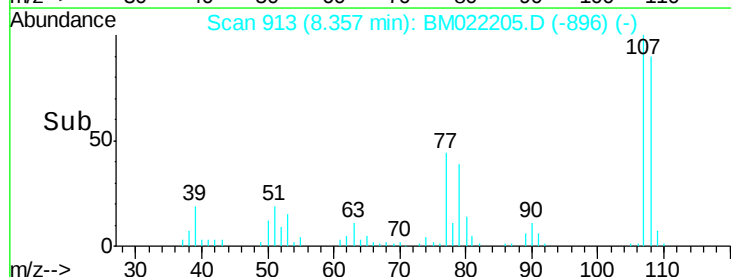
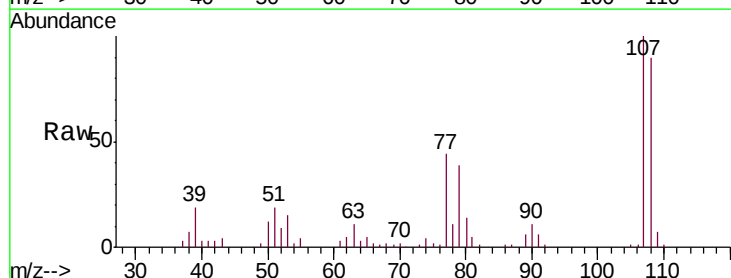
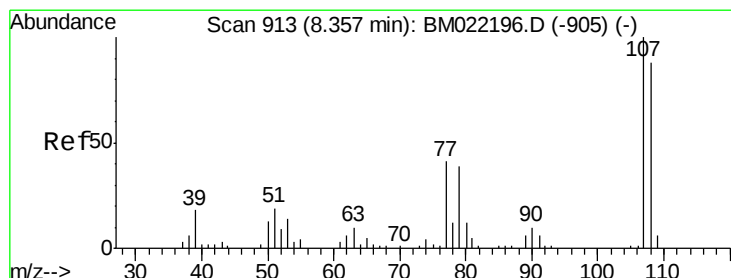
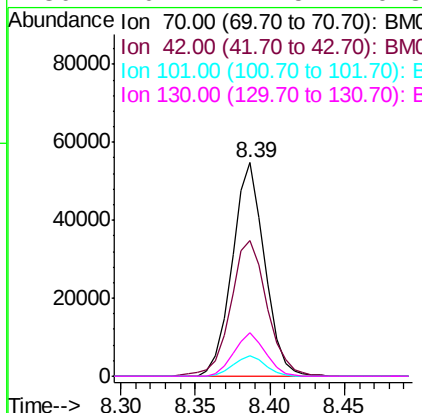
#19
n-Nitroso-di-n-propylamine
Concen: 37.855 ng
RT: 8.39 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.5	41.9	62.9#
101	9.6	8.1	12.1
130	20.2	17.5	26.3

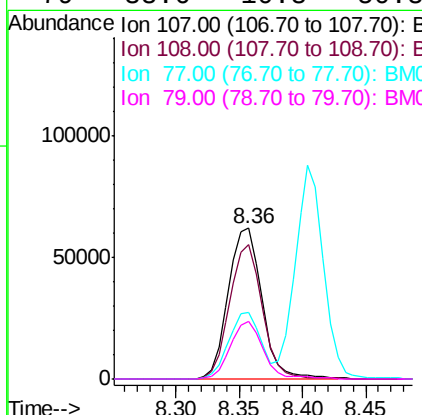
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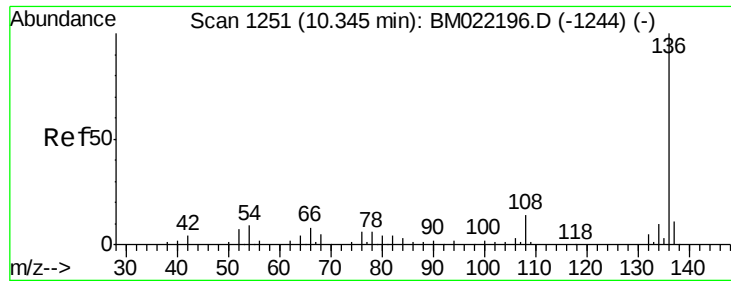
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#20
3+4-Methylphenols
Concen: 40.175 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	43.9	14.6	54.6
79	38.6	10.8	50.8





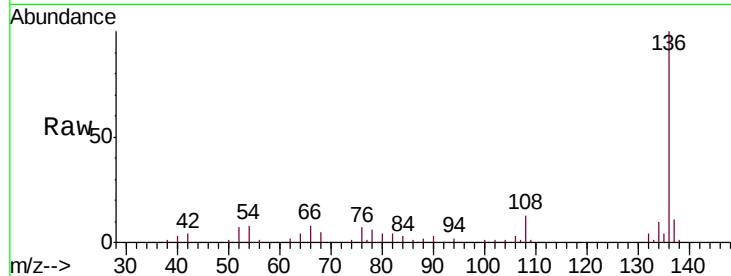
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	138084		
137	10.9	8.6	13.0	
54	8.1	5.3	7.9	
68	4.6	4.4	6.6	

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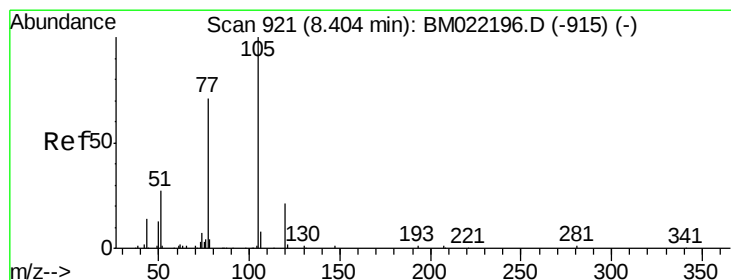
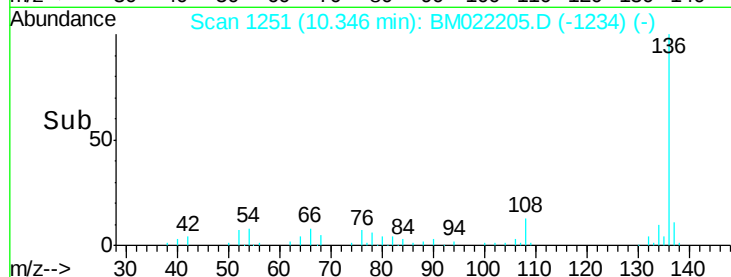
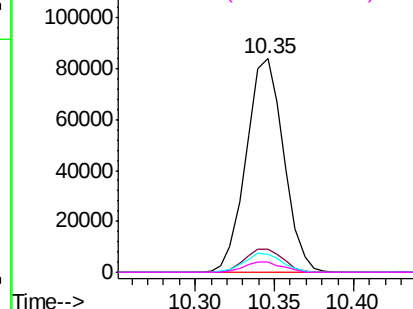
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 44.040 ng
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156005		
71	1.4	1.2	1.8	
51	32.5	19.1	28.7	
120	20.6	17.9	26.9	

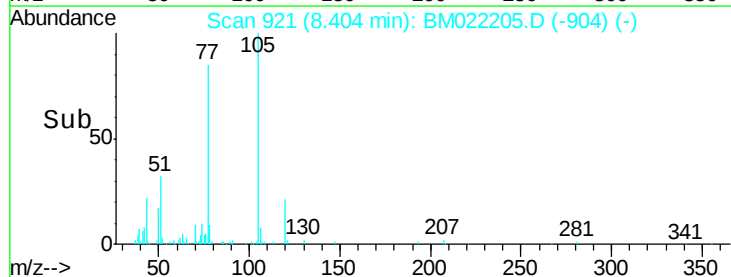
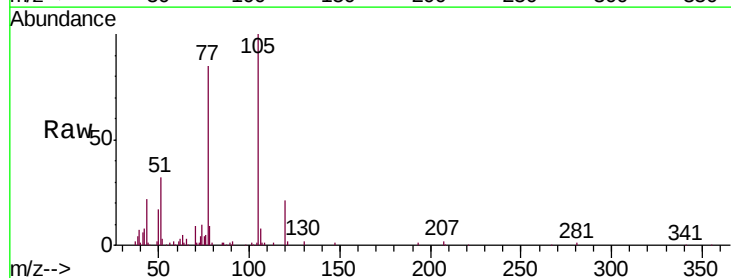
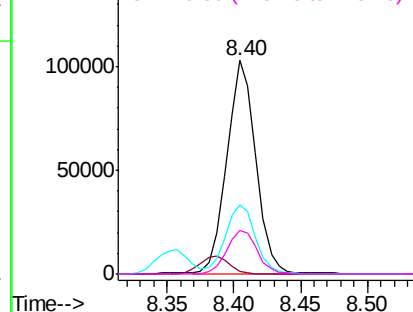
Abundance

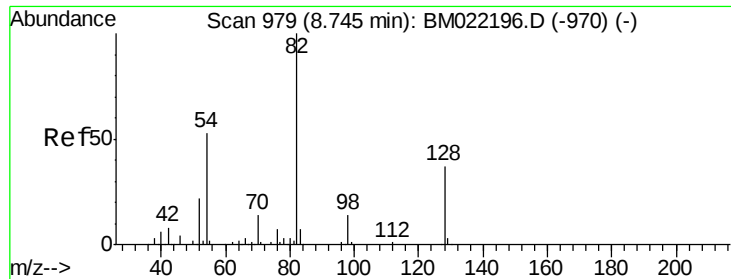
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





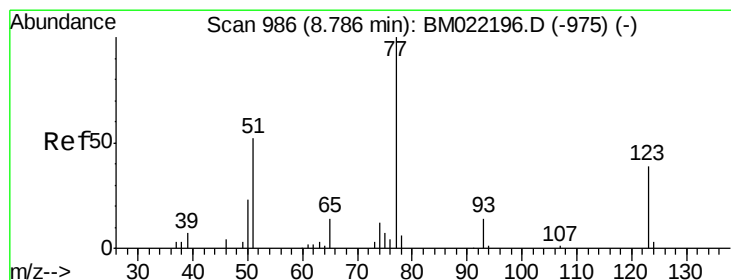
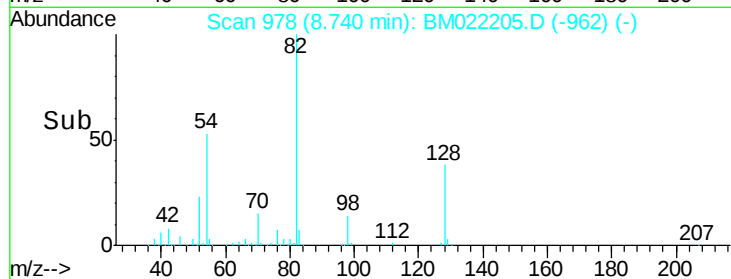
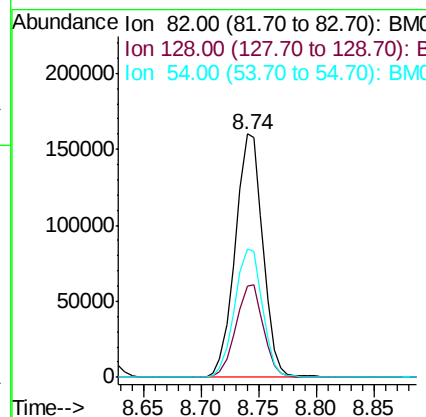
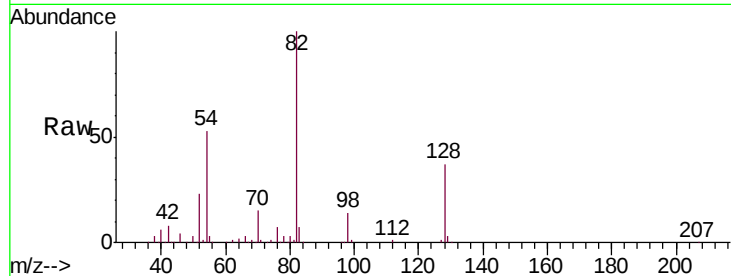
#23
 Nitrobenzene-d5
 Concen: 93.491 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	265428		
128	37.5	35.9	53.9	
54	52.6	36.6	55.0	

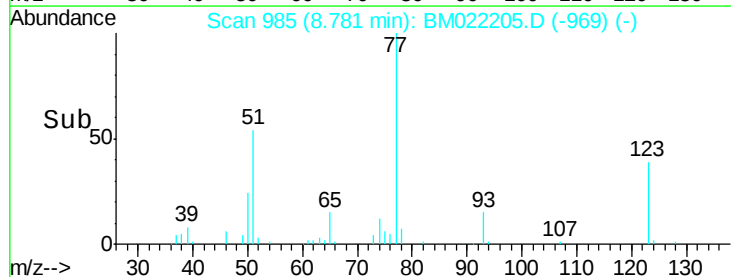
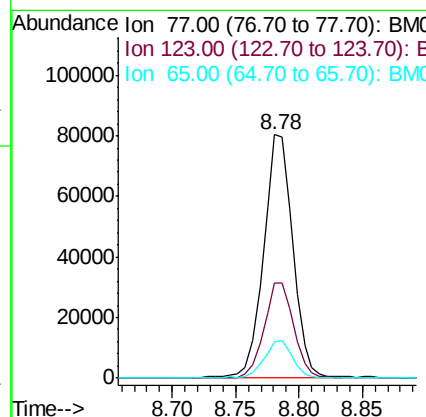
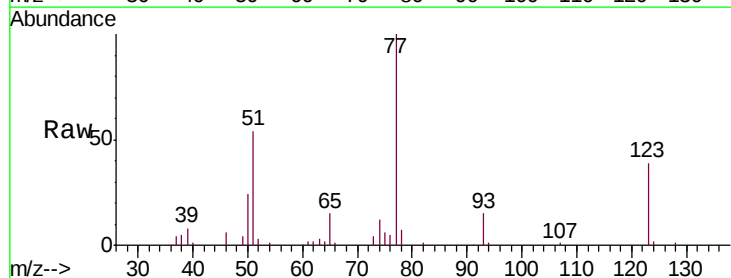
Manual Integrations
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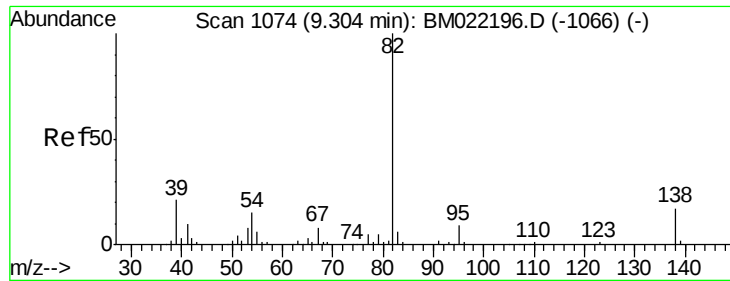
mohammad
 8/22/2019 12:48:30 PM



#24
 Nitrobenzene
 Concen: 44.675 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	129860		
123	39.2	36.3	54.5	
65	15.1	10.6	16.0	





#25

Isophorone

Concen: 42.629 ng

RT: 9.30 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

ClientSampleId :

TP-17MS

Tgt Ion: 82 Resp: 214785

Ion Ratio Lower Upper

82 100

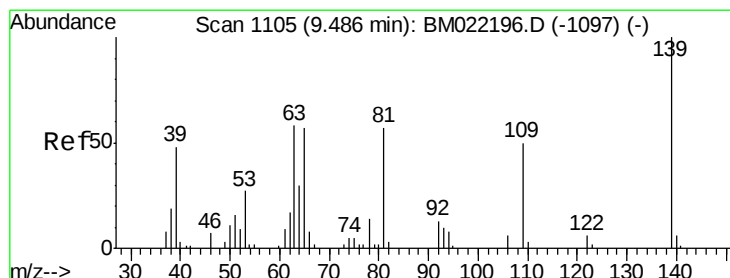
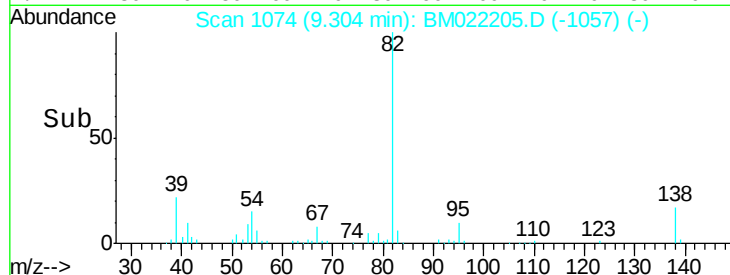
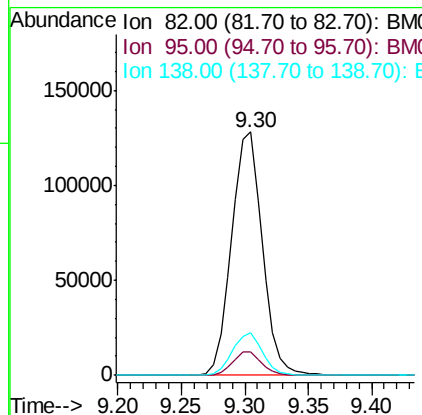
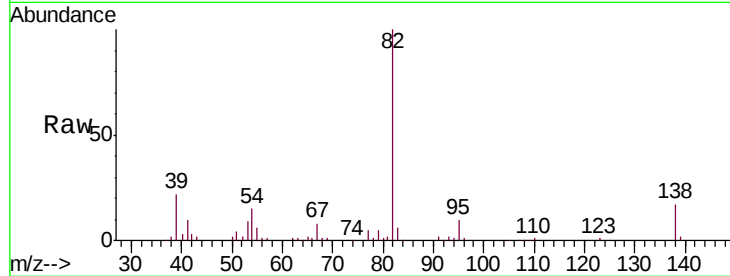
95 9.6 6.1 9.1#

138 17.3 15.0 22.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.369 ng

RT: 9.48 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

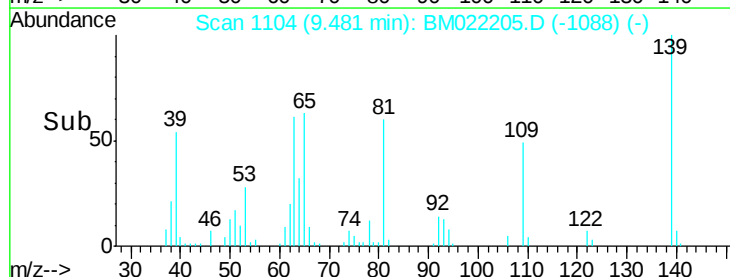
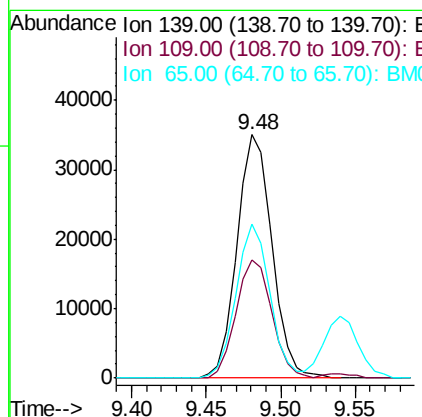
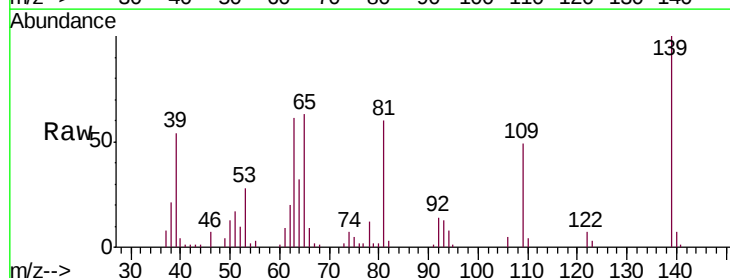
Tgt Ion: 139 Resp: 57092

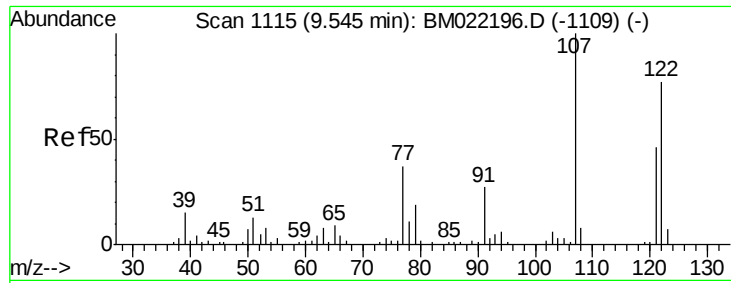
Ion Ratio Lower Upper

139 100

109 48.8 25.2 37.8#

65 63.1 37.4 56.0#





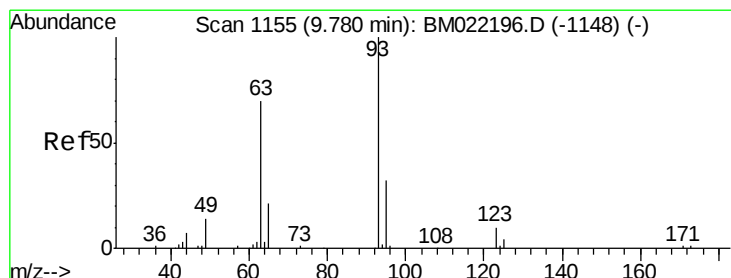
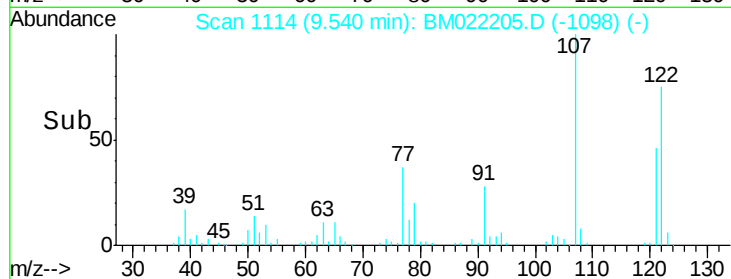
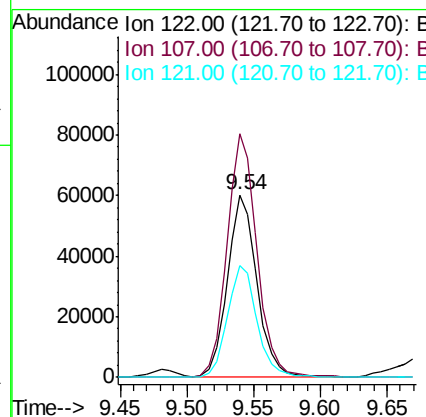
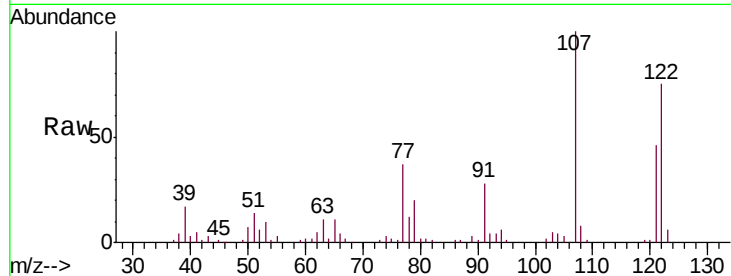
#27
 2,4-Dimethylphenol
 Concen: 50.599 ng
 RT: 9.54 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampled :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	93907		
107	133.6	95.3	142.9	
121	61.6	47.5	71.3	

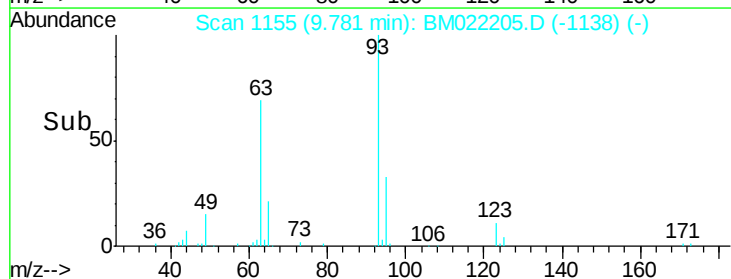
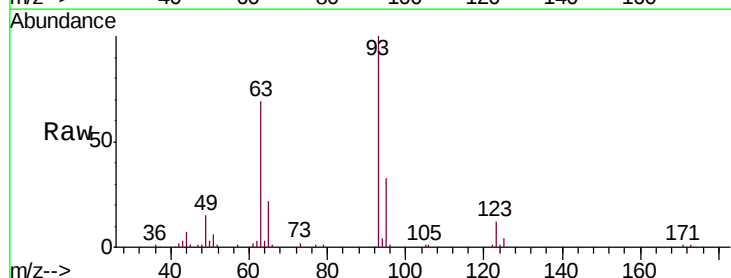
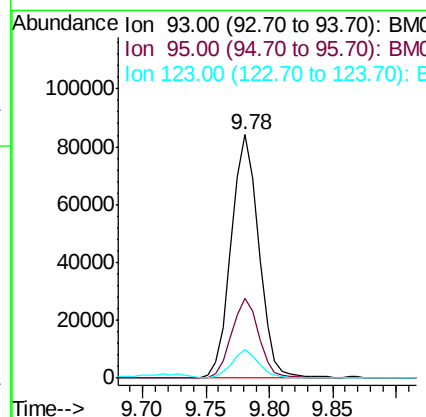
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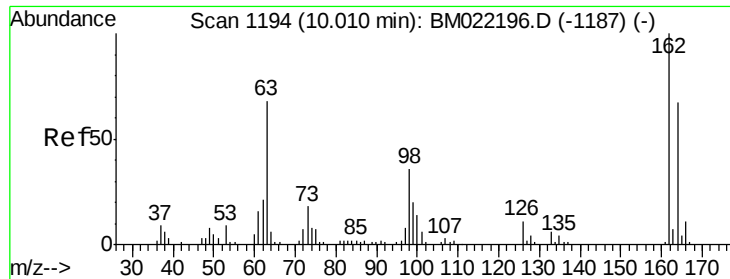
mohammad
 8/22/2019 12:48:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.664 ng
 RT: 9.78 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	127172		
95	33.0	26.2	39.2	
123	11.6	9.0	13.4	





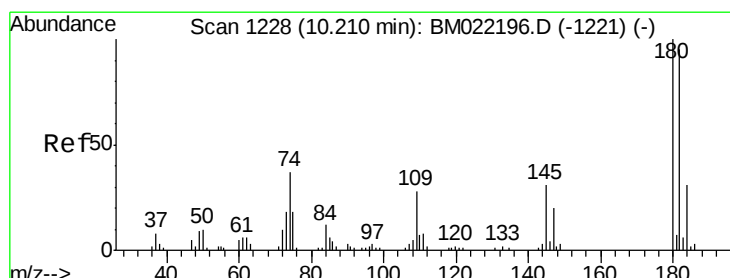
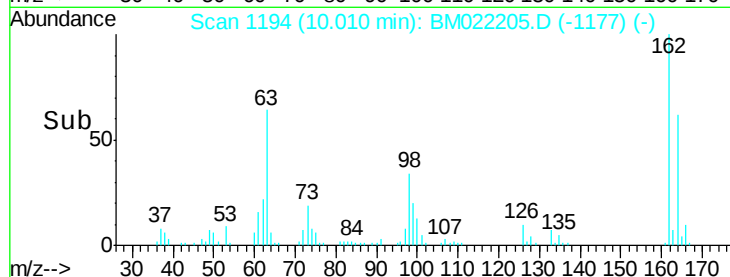
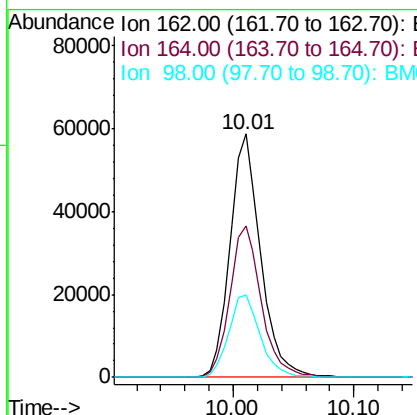
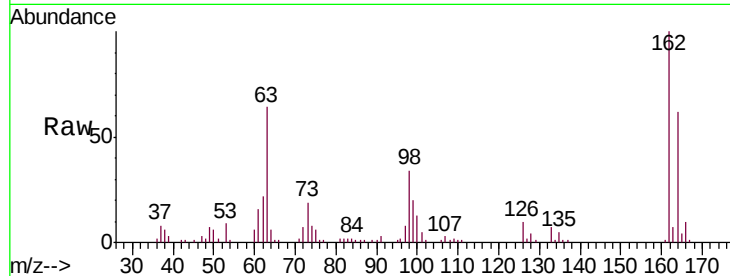
#29
 2,4-Dichlorophenol
 Concen: 46.269 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	103623		
164	62.0	43.7	83.7	
98	33.7	13.4	53.4	

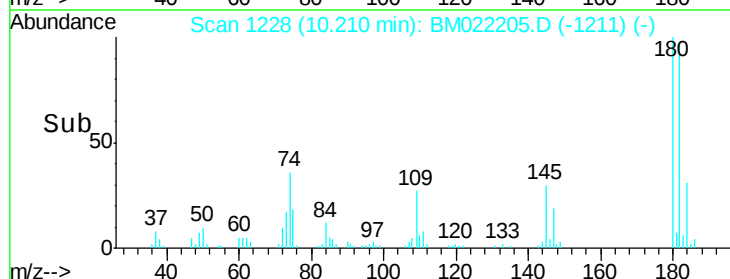
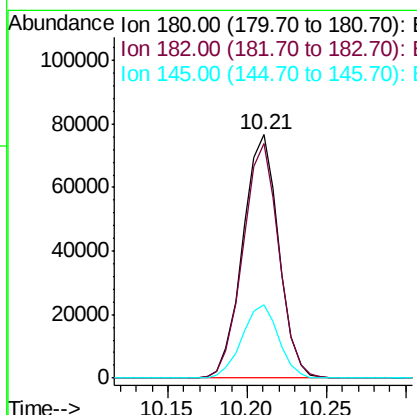
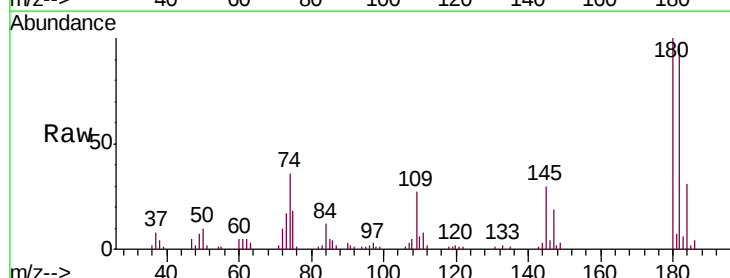
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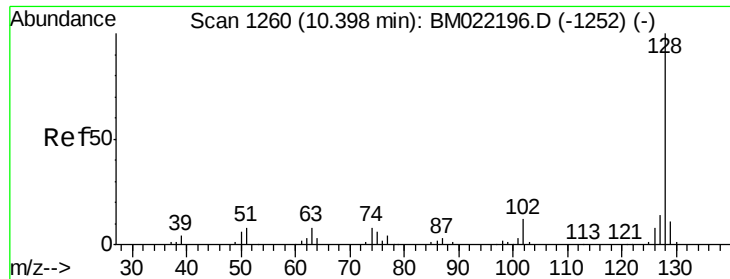
mohammad
 8/22/2019 12:48:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.712 ng
 RT: 10.21 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120586		
182	96.6	78.0	117.0	
145	30.1	23.4	35.0	





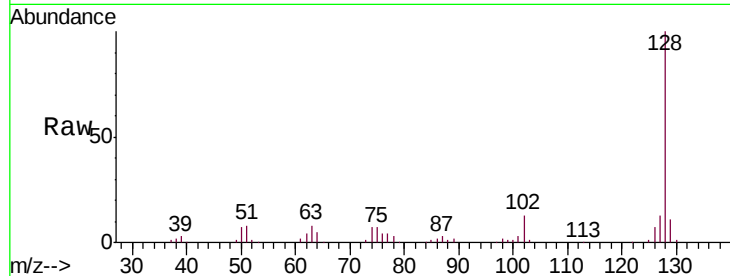
#31
Naphthalene
Concen: 44.350 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampled :
TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	318063		
129	10.9	8.6	13.0	
127	13.1	10.8	16.2	

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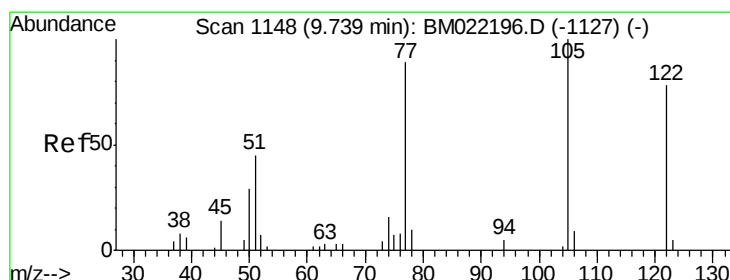
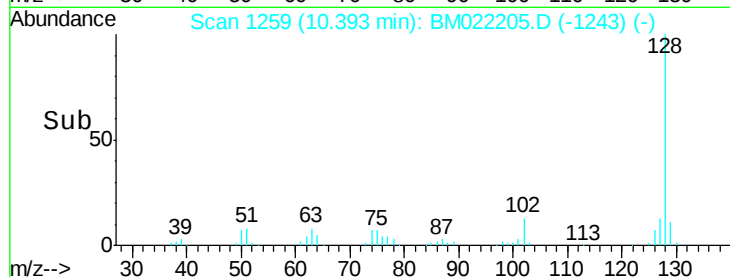
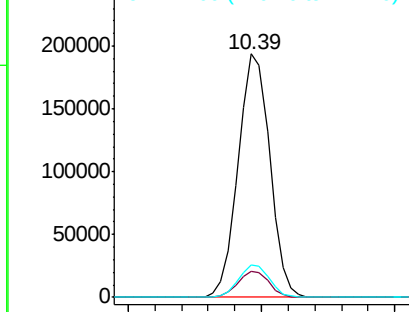


Abundance

Ion 128.00 (127.70 to 128.70): E

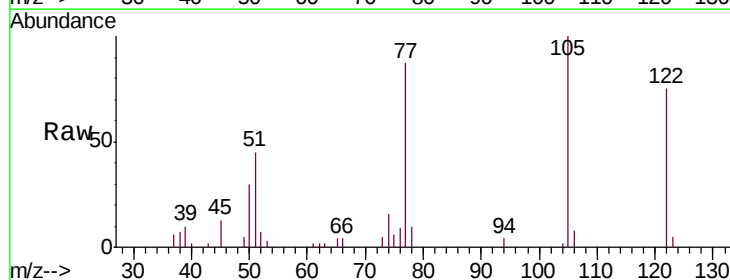
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.706 ng m
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	59737		
105	133.2	108.9	148.9	
77	115.8	76.7	116.7	

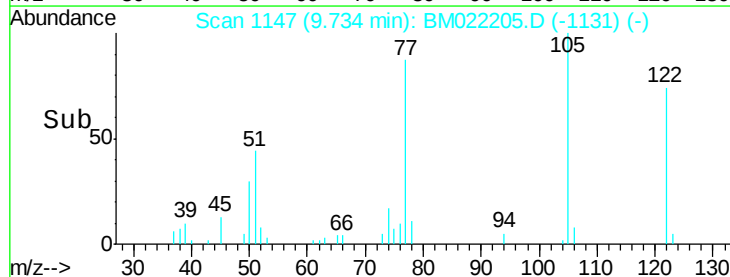
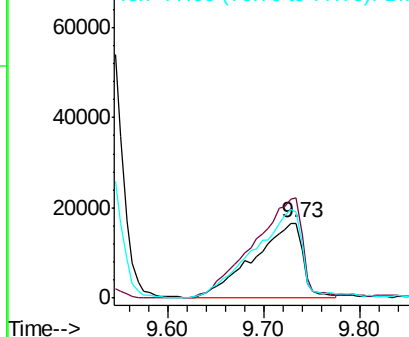


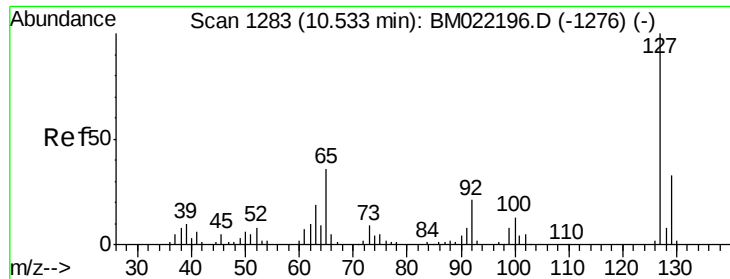
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





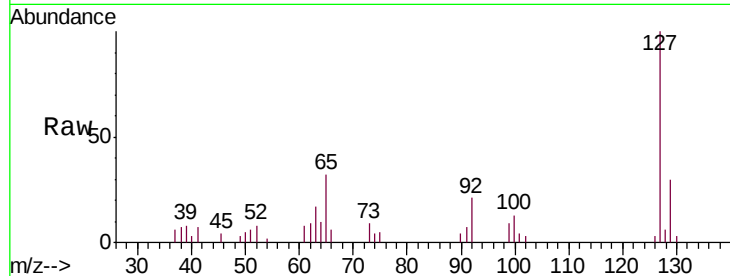
#33
4-Chloroaniline
Concen: 9.499 ng
RT: 10.55 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

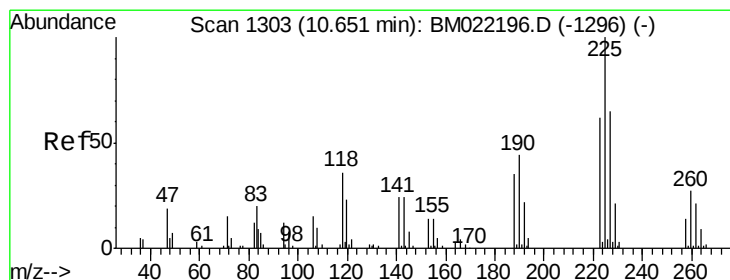
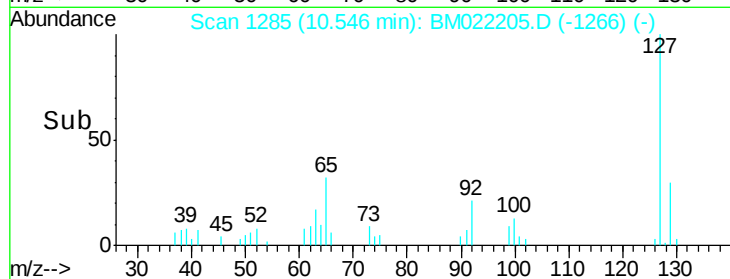
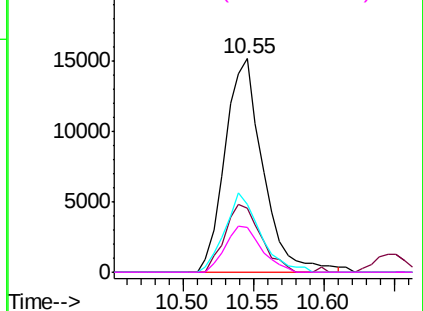
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	28510		
129	29.7	25.1	37.7	
65	31.8	23.8	35.8	
92	20.9	15.7	23.5	

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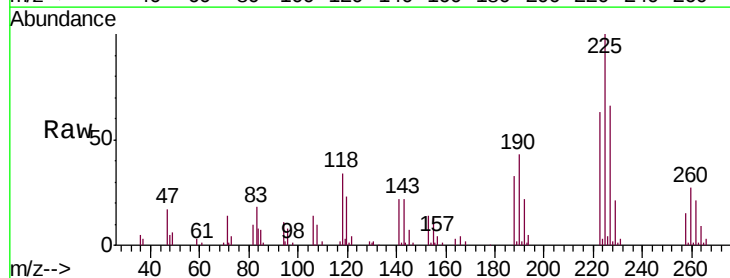


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

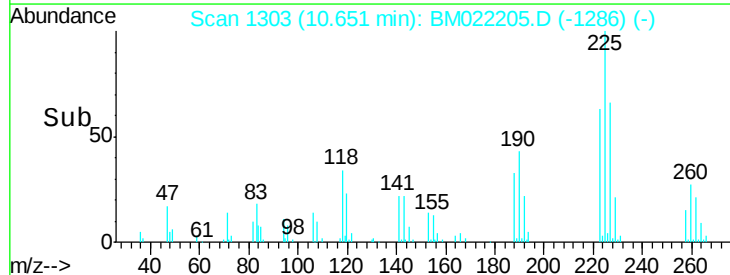
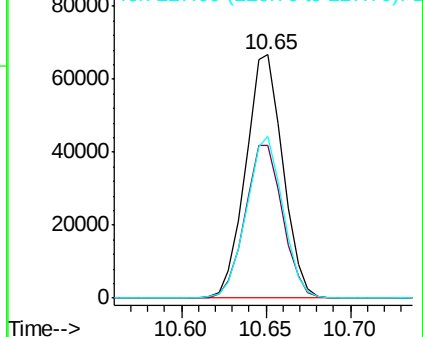


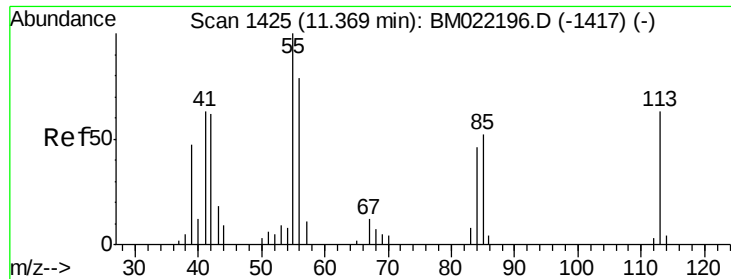
#34
Hexachlorobutadiene
Concen: 43.237 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102342		
223	62.9	49.6	74.4	
227	66.3	50.4	75.6	



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: 38.486 ng m

RT: 11.37 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

ClientSampled :

TP-17MS

Tgt Ion:113 Resp: 23169

Ion Ratio Lower Upper

113 100

55 157.9 129.8 169.8

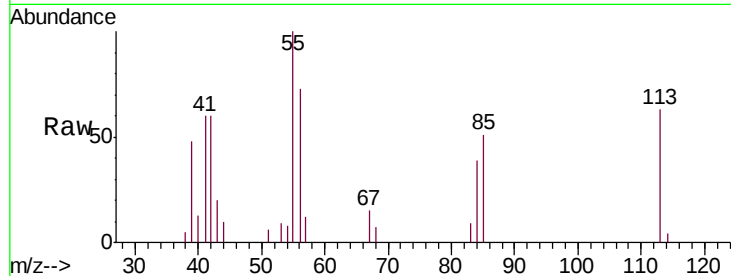
56 114.7 94.3 134.3

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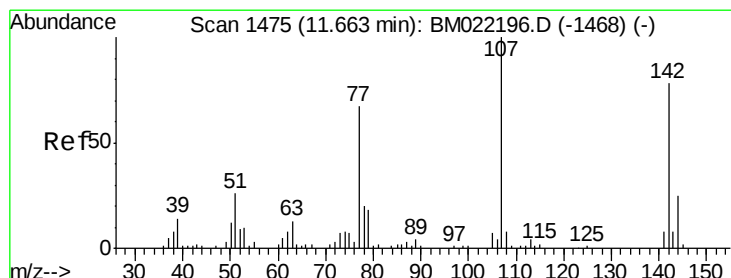
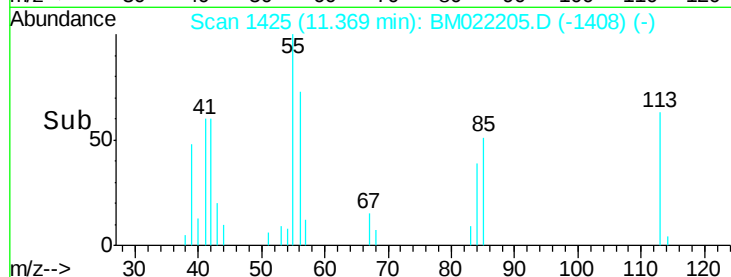
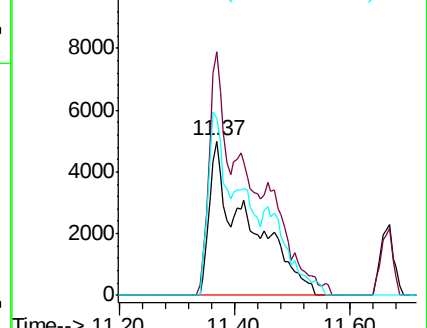
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 43.610 ng

RT: 11.66 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

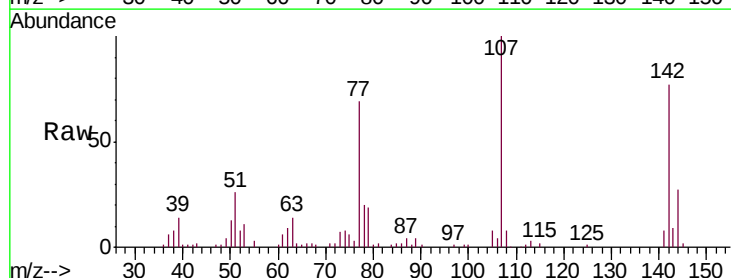
Tgt Ion:107 Resp: 103234

Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

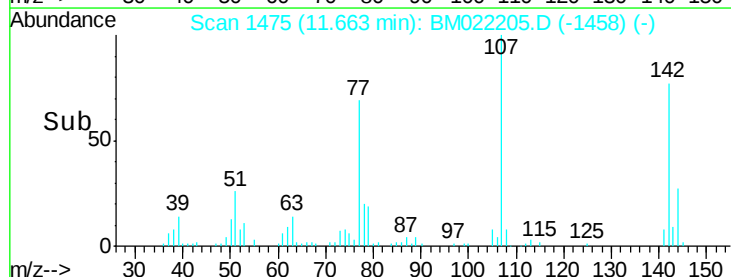
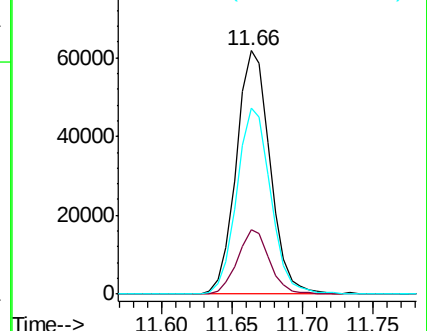
142 76.5 64.9 97.3

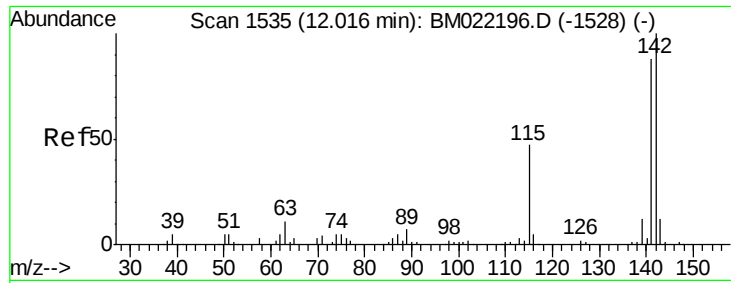


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





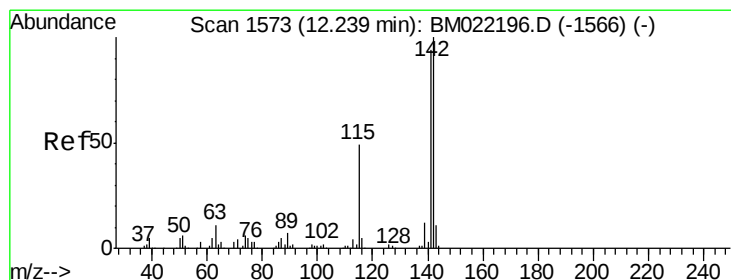
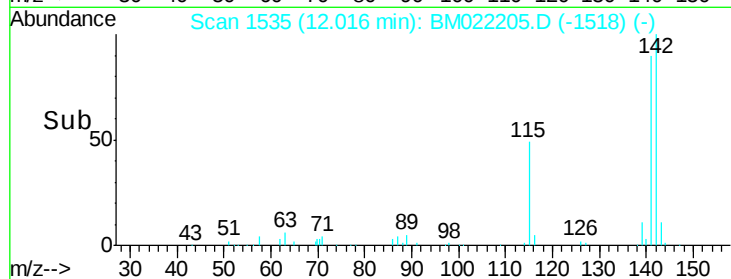
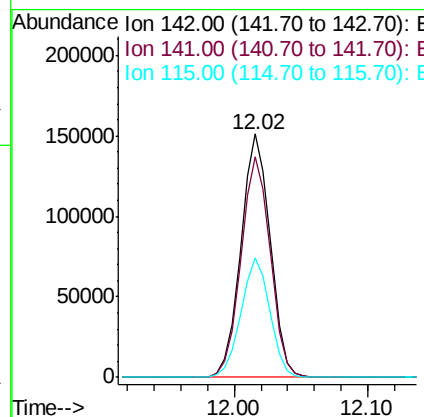
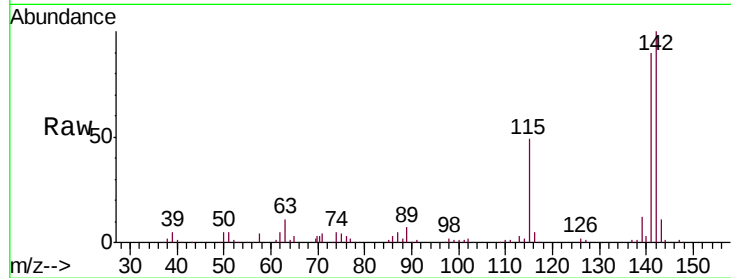
#37
2-Methylnaphthalene
Concen: 43.767 ng
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	229425		
141	90.4	72.2	108.2	
115	49.3	27.9	41.9#	

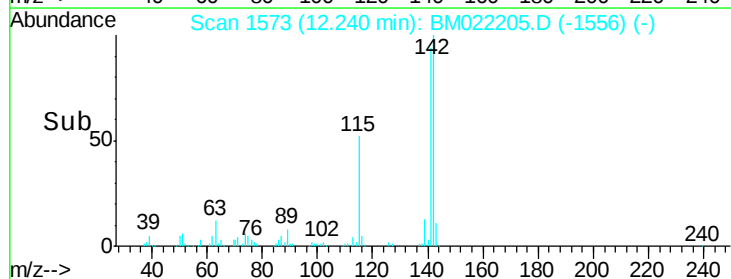
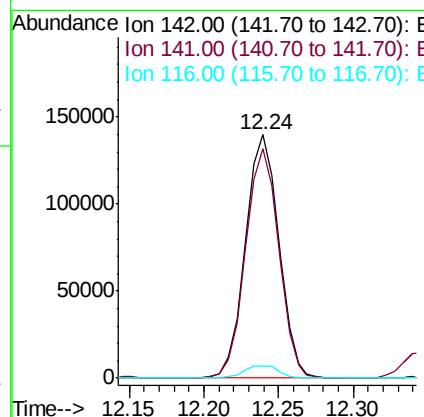
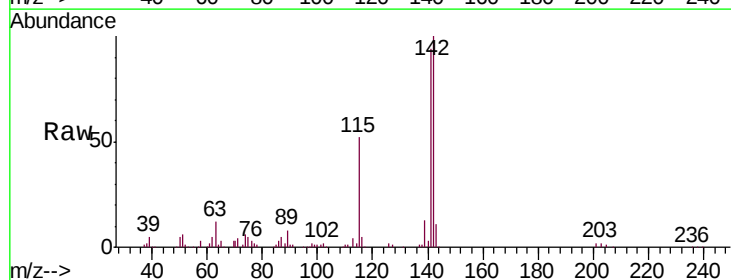
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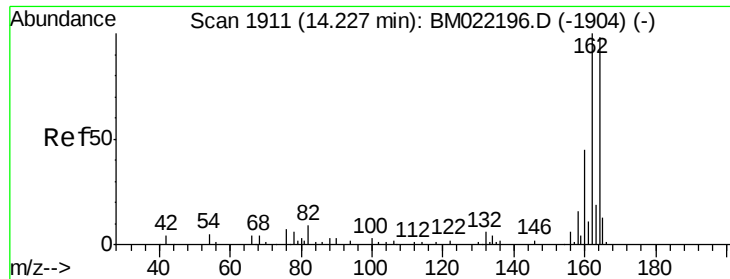
mohammad
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#38
1-Methylnaphthalene
Concen: 43.339 ng
RT: 12.24 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	216998		
141	94.1	73.9	110.9	
116	5.1	3.0	4.6#	





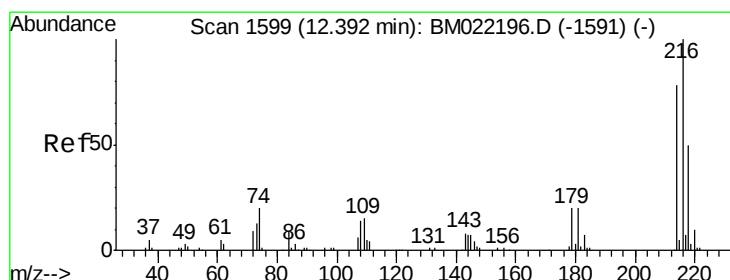
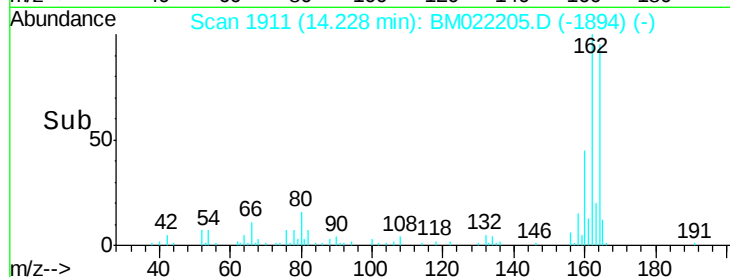
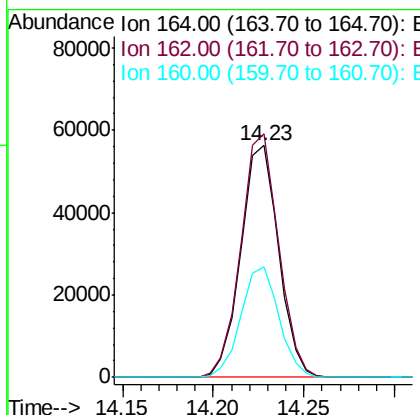
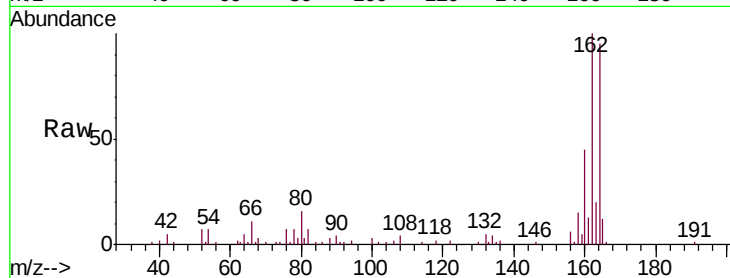
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81440		
162	105.0	82.1	123.1	
160	47.5	37.1	55.7	

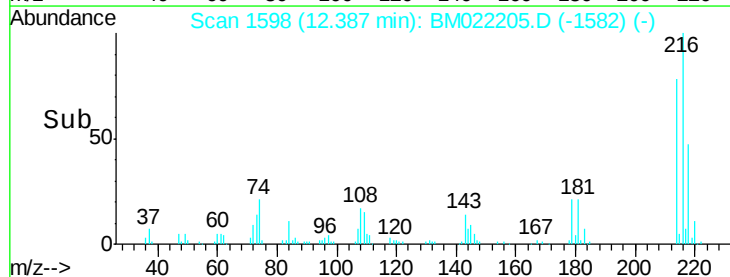
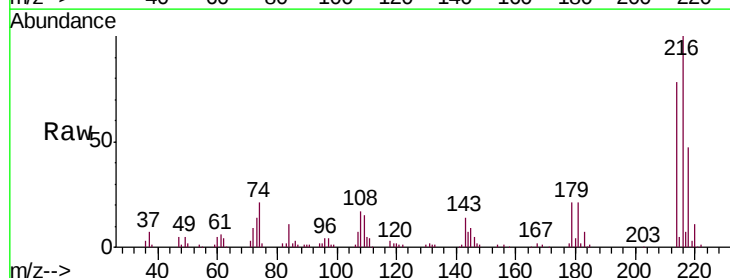
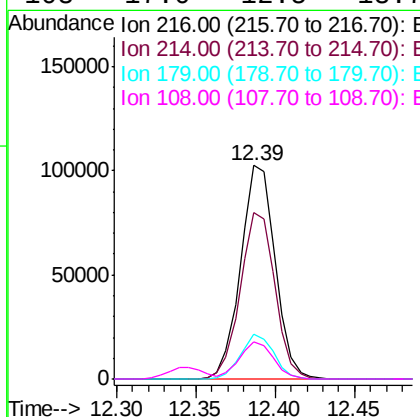
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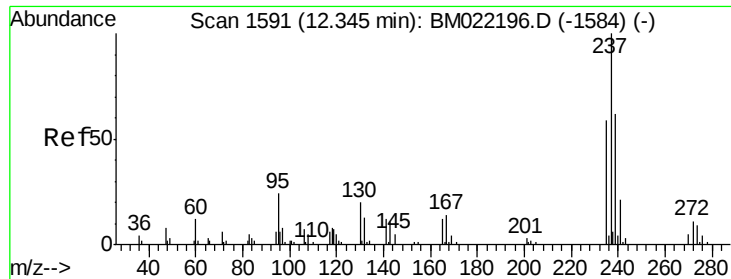
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.602 ng
RT: 12.39 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	154934		
214	78.0	63.0	94.6	
179	20.1	16.4	24.6	
108	17.0	12.5	18.7	





#41

Hexachlorocyclopentadiene

Concen: 95.077 ng

RT: 12.35 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

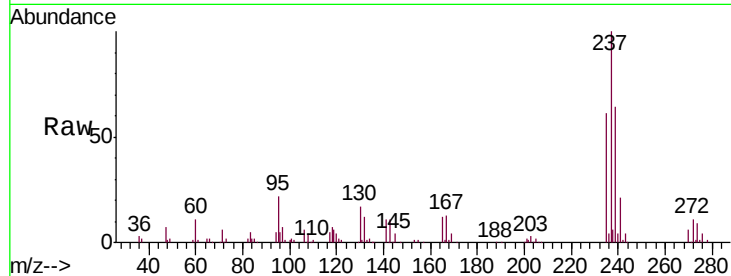
ClientSampleId :

TP-17MS

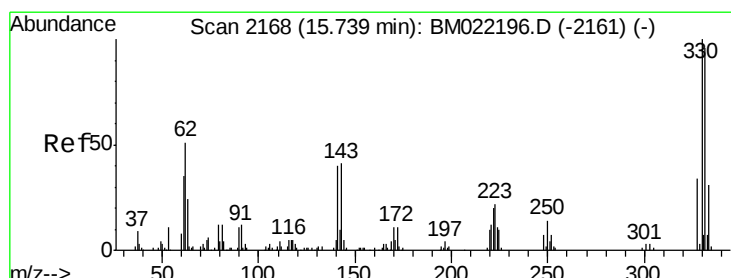
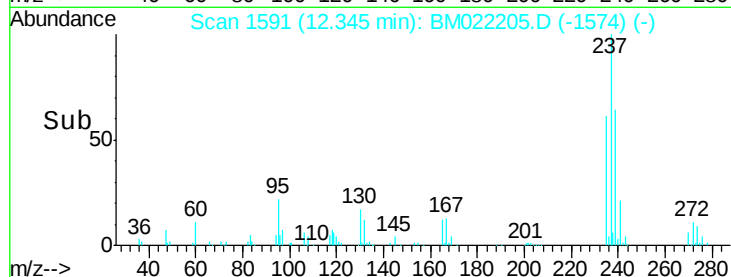
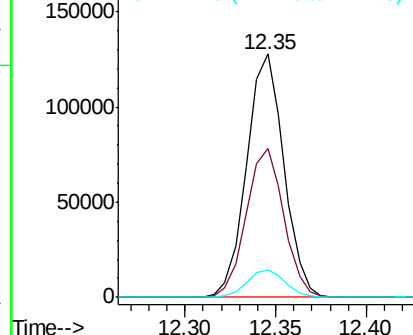
Tgt Ion:	237	Resp:	181804
Ion Ratio		Lower	Upper
237	100		
235	61.2	41.7	81.7
272	11.1	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 132.722 ng

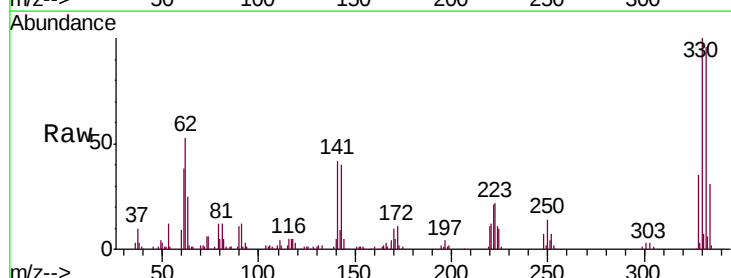
RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

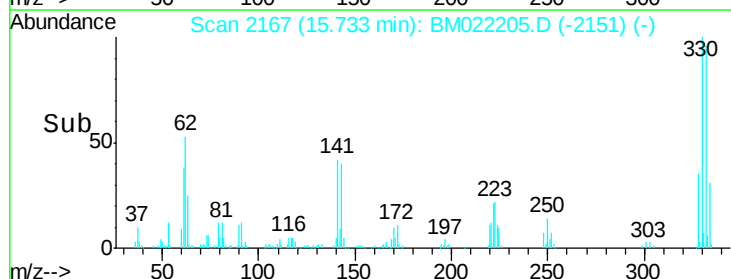
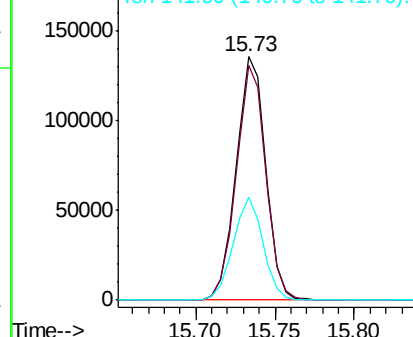
Lab File: BM022205.D

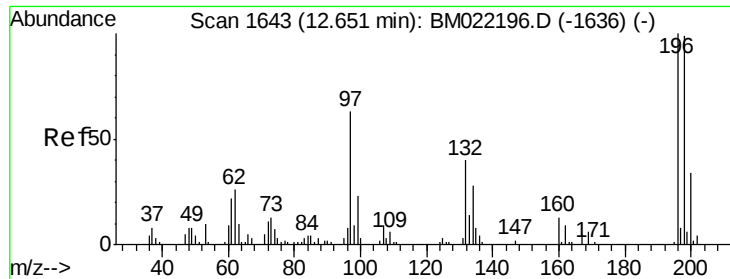
Acq: 20 Aug 2019 10:41

Tgt Ion:	330	Resp:	174951
Ion Ratio		Lower	Upper
330	100		
332	95.8	77.1	115.7
141	42.8	21.8	32.8#



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





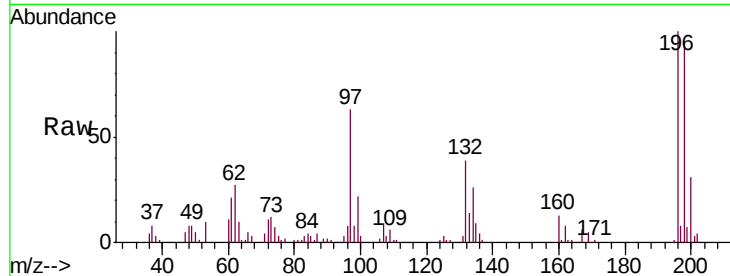
#43
 2,4,6-Trichlorophenol
 Concen: 46.110 ng
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampled :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88114		
198	95.0	76.7	115.1	
200	31.4	24.2	36.4	

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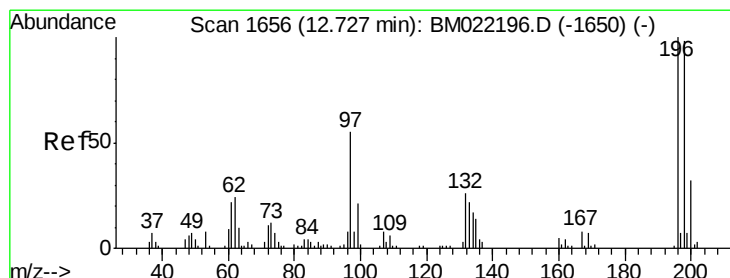
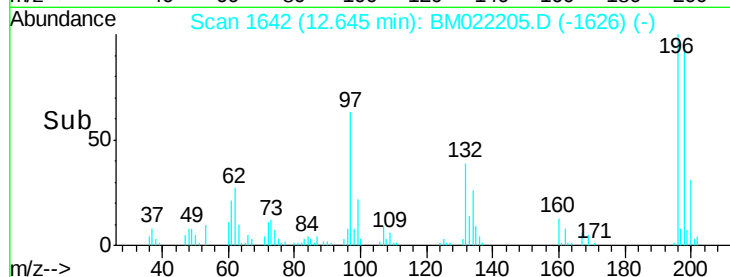
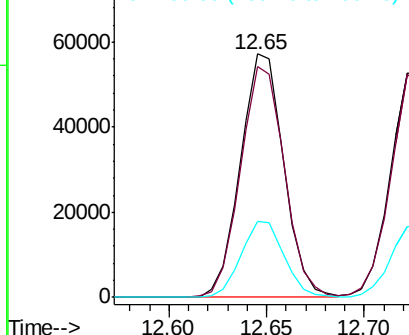


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.341 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89890		
198	99.7	78.2	117.4	
97	55.7	34.1	51.1#	
132	25.8	19.2	28.8	

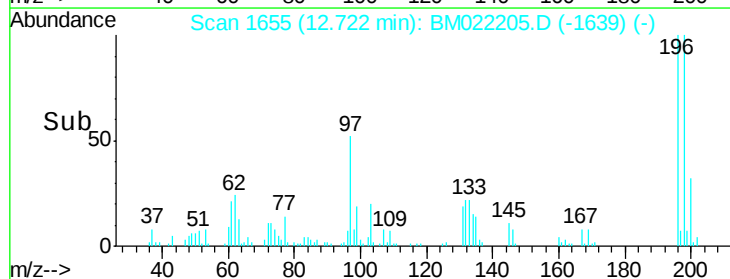
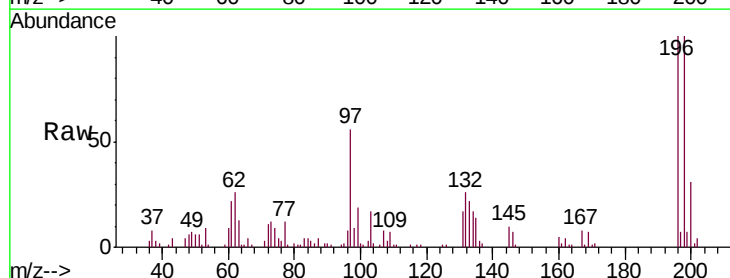
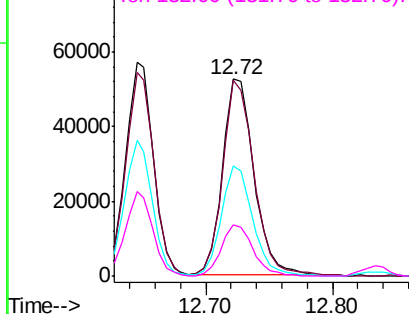
Abundance

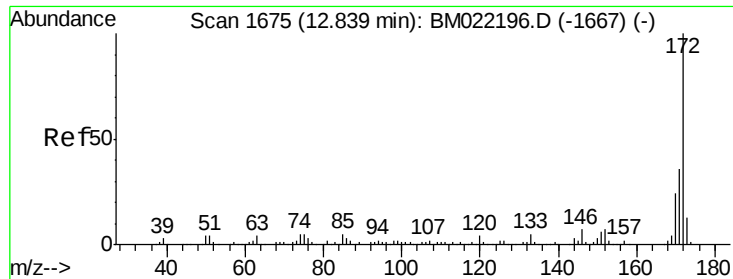
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E





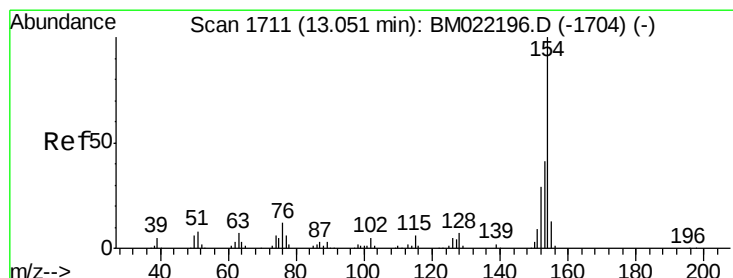
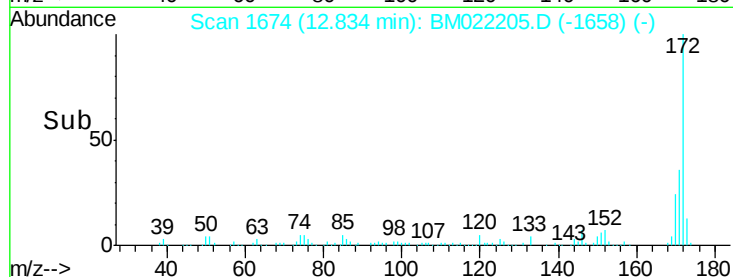
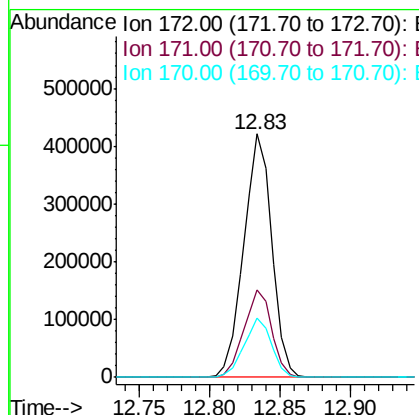
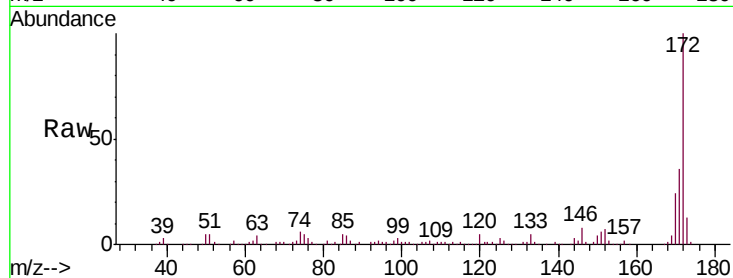
#45
 2-Fluorobiphenyl
 Concen: 89.696 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	584855		
171	35.9	28.6	43.0	
170	24.3	18.7	28.1	

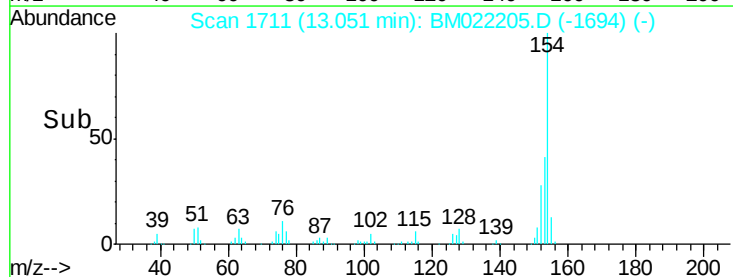
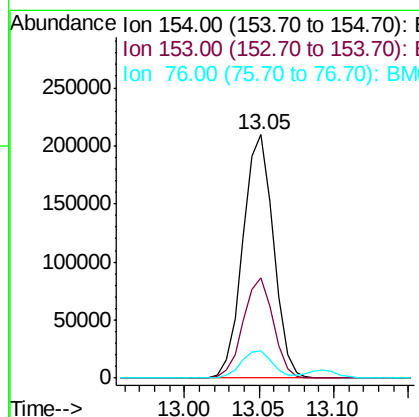
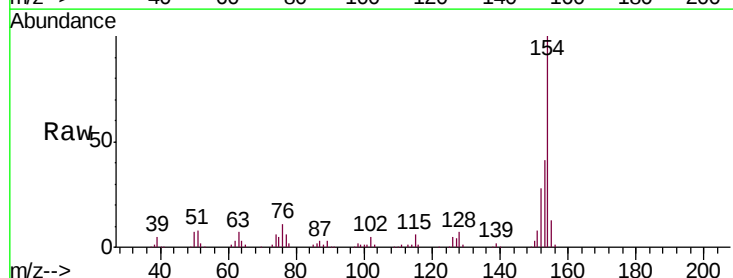
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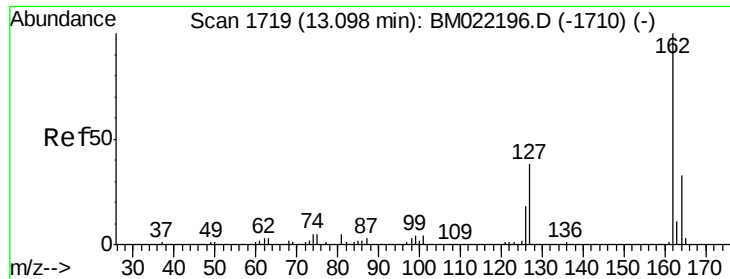
mohammad
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#46
 1,1'-Biphenyl
 Concen: 46.300 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	296541		
153	40.9	21.3	61.3	
76	11.3	0.0	30.9	





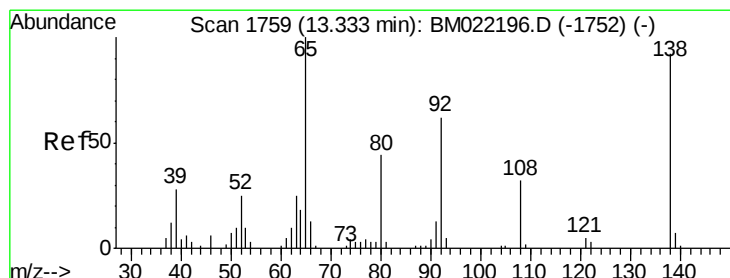
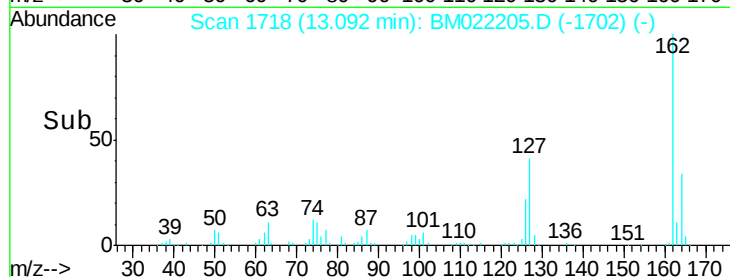
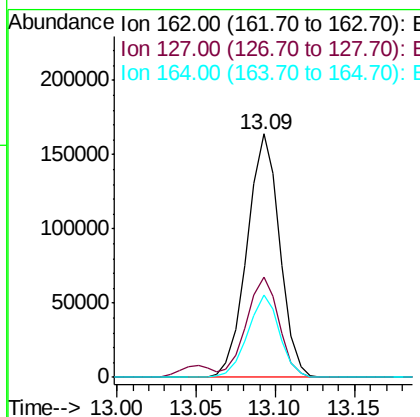
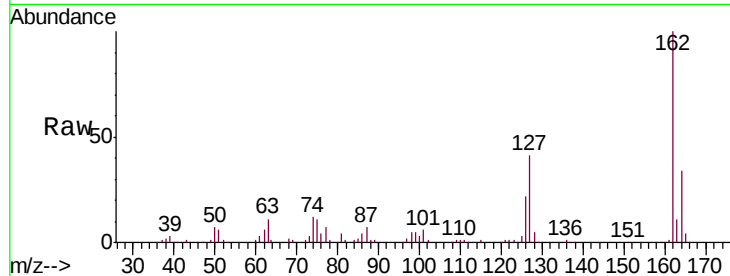
#47
 2-Chloronaphthalene
 Concen: 44.512 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	29.4	44.2
164	33.8	26.5	39.7

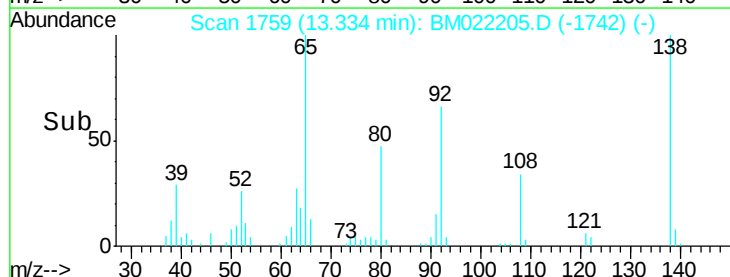
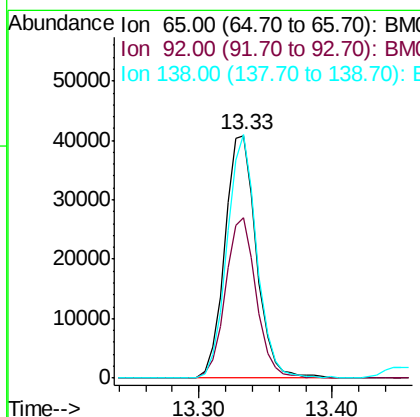
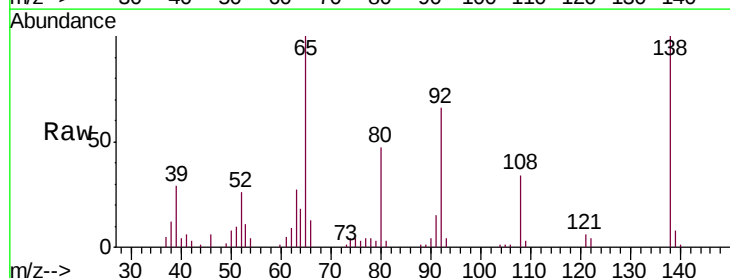
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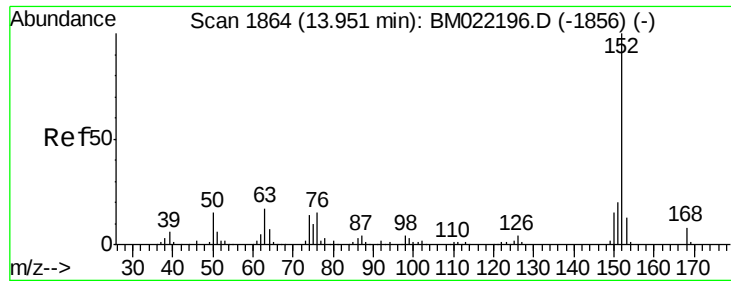
mohammad
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#48
 2-Nitroaniline
 Concen: 40.538 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	56.3	84.5
138	100.2	92.6	139.0





#49

Acenaphthylene

Concen: 44.906 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

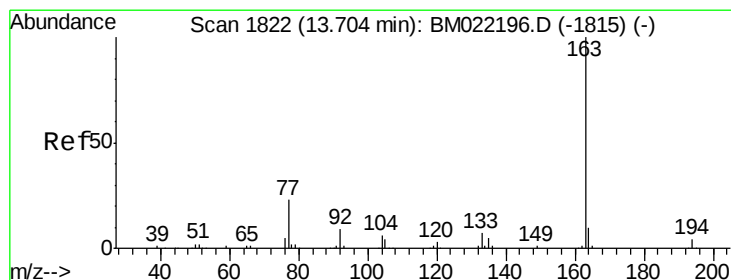
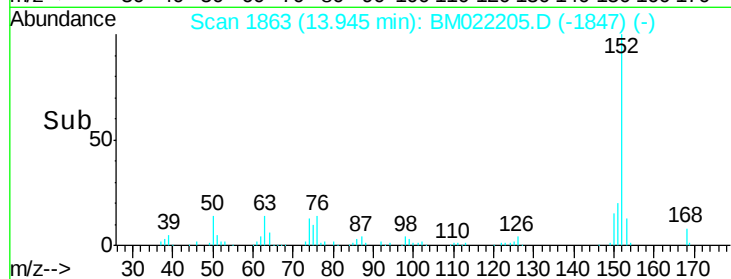
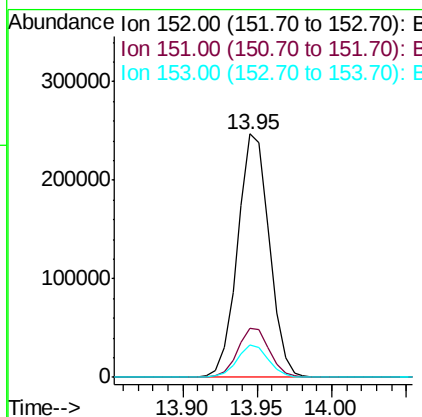
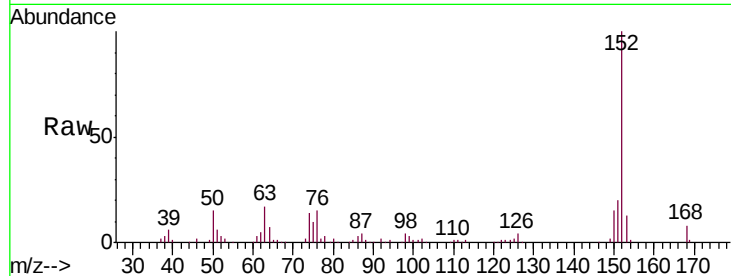
ClientSampleId :

TP-17MS

Tgt Ion:	152	Resp:	363065
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.1	24.1
153	13.5	10.6	16.0

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#50

Dimethylphthalate

Concen: 51.334 ng

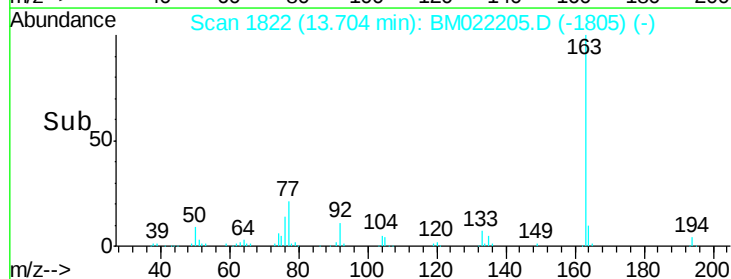
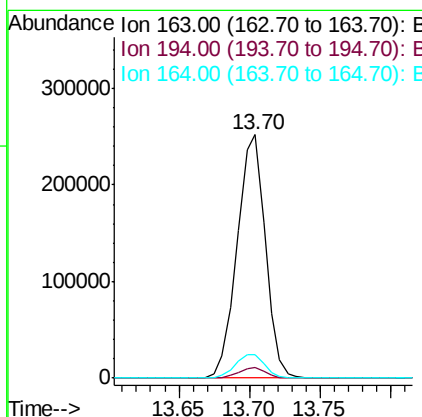
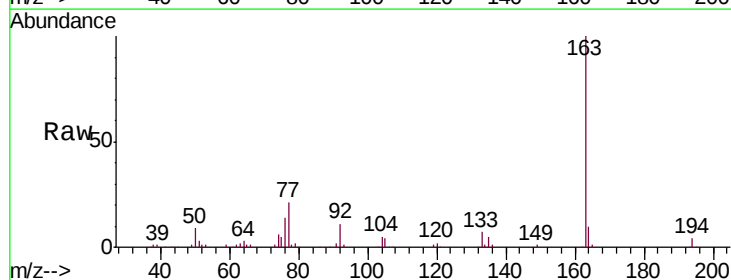
RT: 13.70 min Scan# 1822

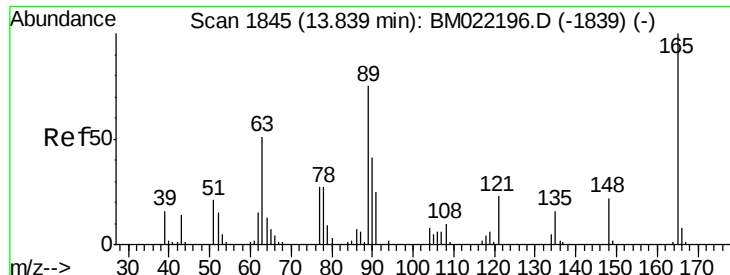
Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	163	Resp:	351483
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.7	8.2	12.2





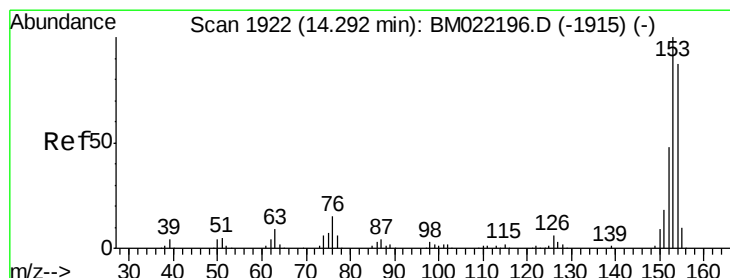
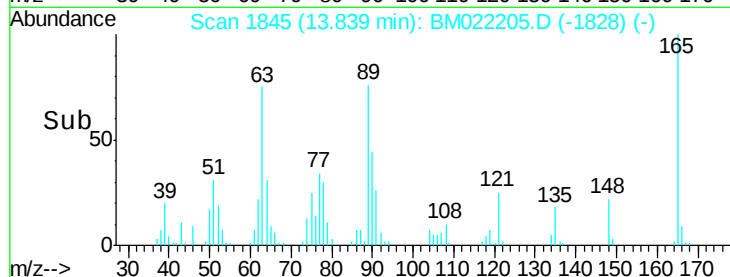
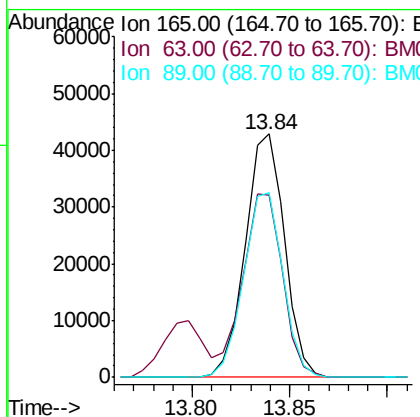
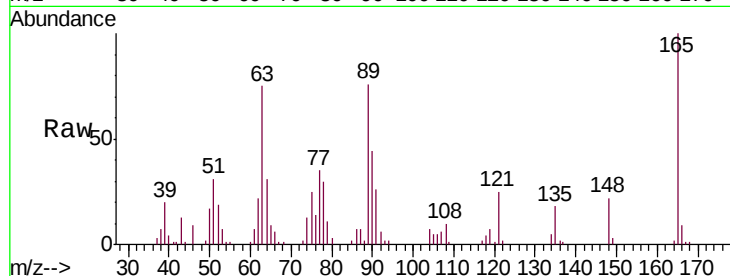
#51
 2,6-Dinitrotoluene
 Concen: 44.058 ng
 RT: 13.84 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	59574		
63	74.8	37.8	56.6#	
89	75.8	39.7	59.5#	

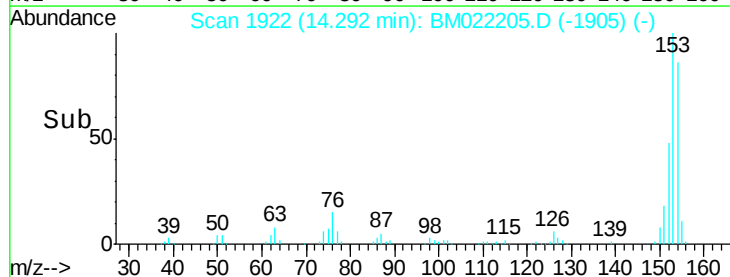
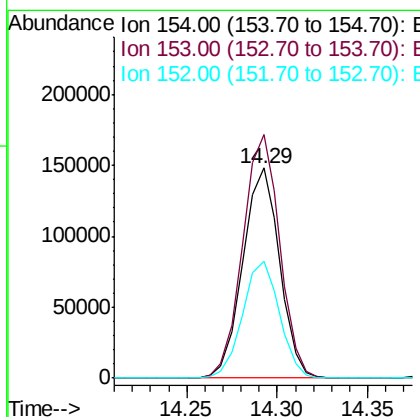
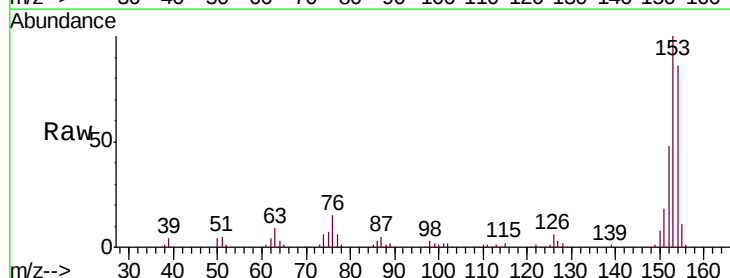
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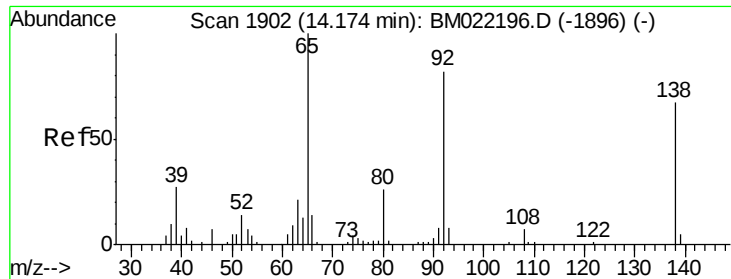
mohammad
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#52
 Acenaphthene
 Concen: 44.177 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	208294		
153	115.9	91.5	137.3	
152	55.8	42.3	63.5	





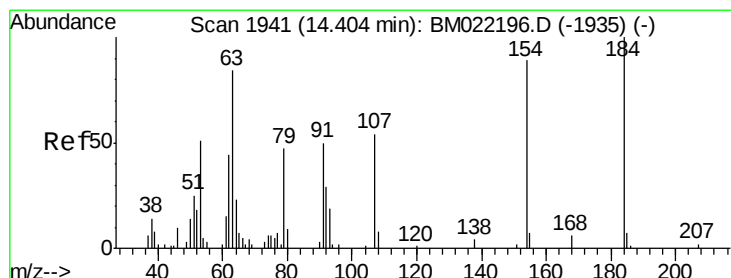
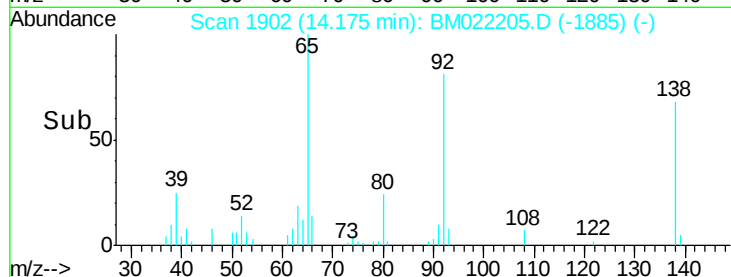
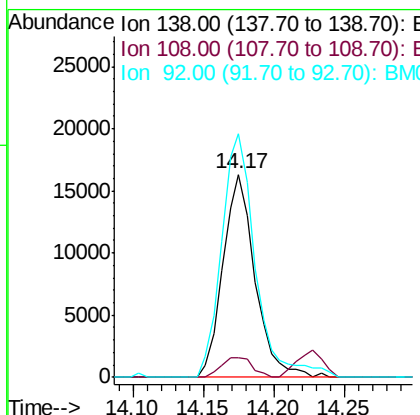
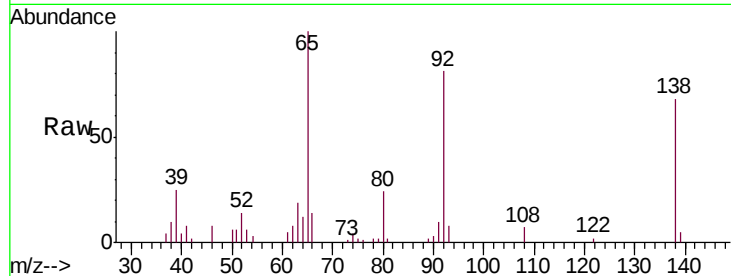
#53
3-Nitroaniline
Concen: 19.108 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampled :
TP-17MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.0	13.4
92	119.8	92.2	138.2

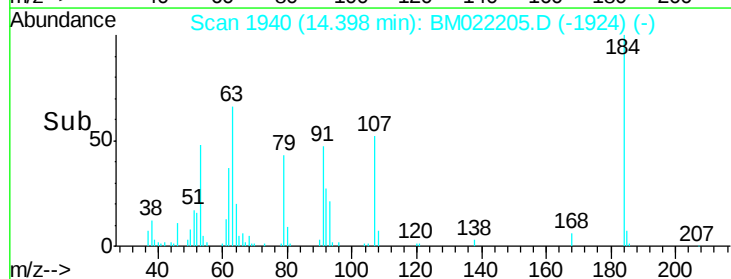
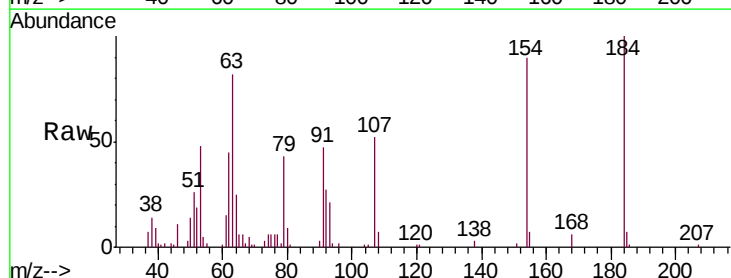
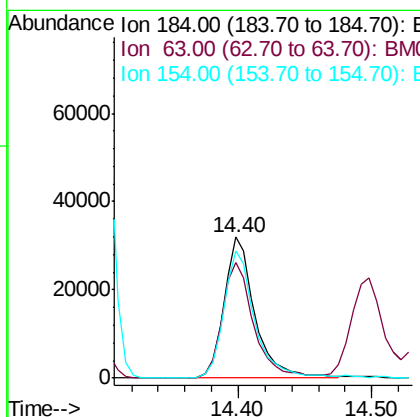
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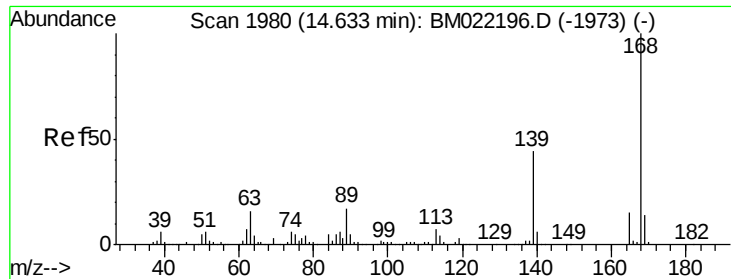
mohammad
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#54
2,4-Dinitrophenol
Concen: 67.687 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.4	45.5	68.3#
154	90.2	50.6	76.0#





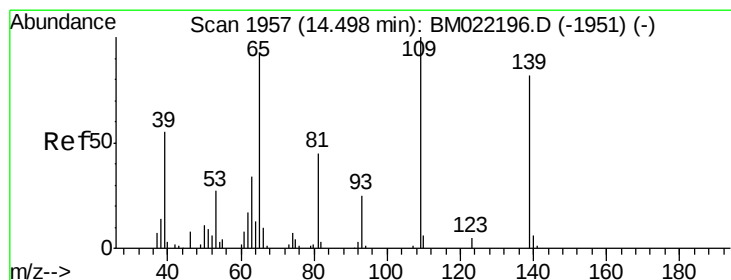
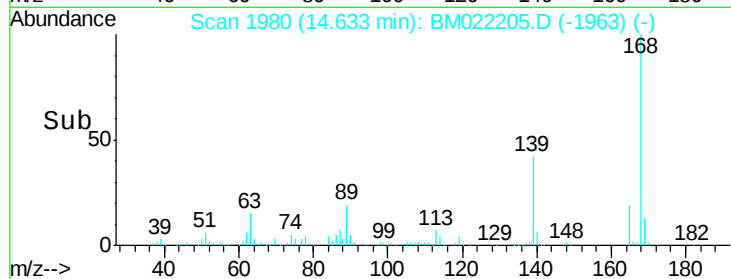
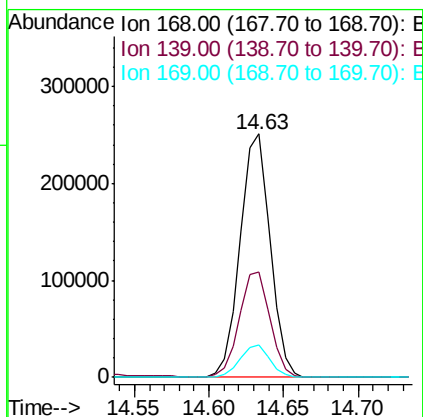
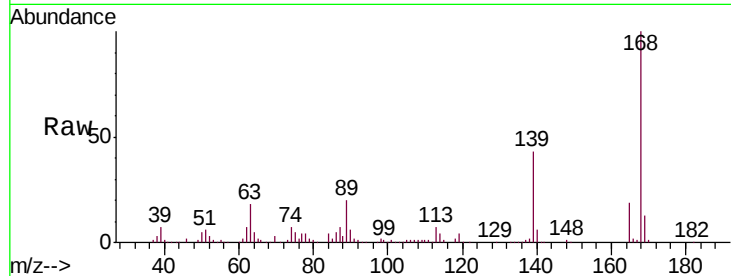
#55
Dibenzofuran
Concen: 44.664 ng
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	349928		
139	43.4	28.4	42.6#	
169	13.1	10.6	16.0	

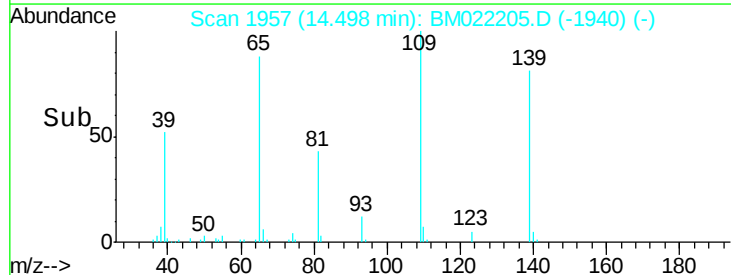
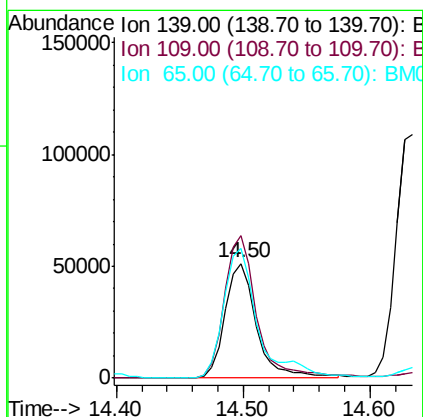
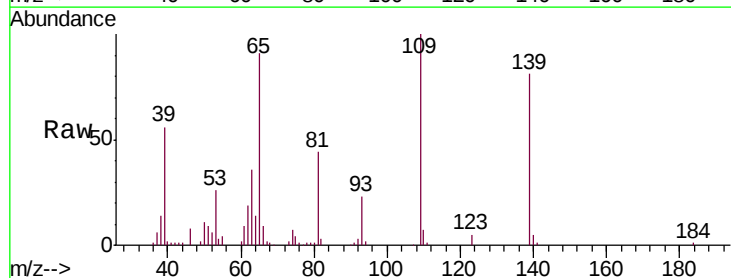
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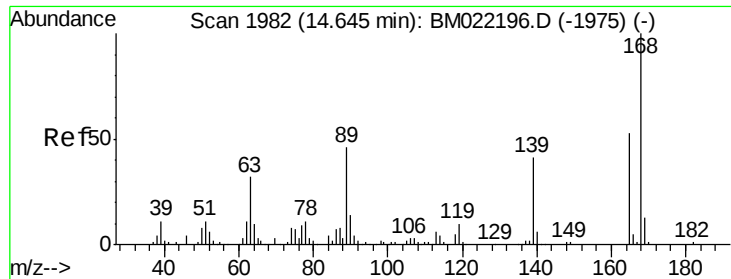
mohammad
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#56
4-Nitrophenol
Concen: 98.813 ng
RT: 14.50 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

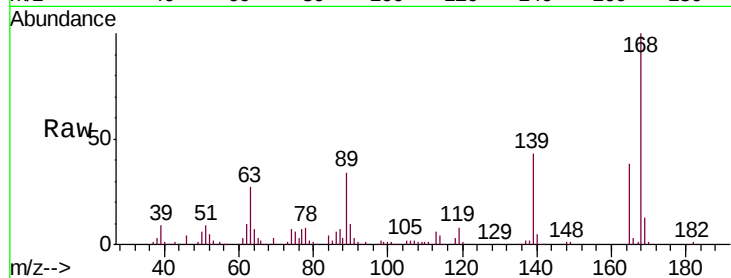
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	88682		
109	123.7	53.3	93.3#	
65	113.1	70.3	110.3#	





#57
2,4-Dinitrotoluene
Concen: 42.643 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

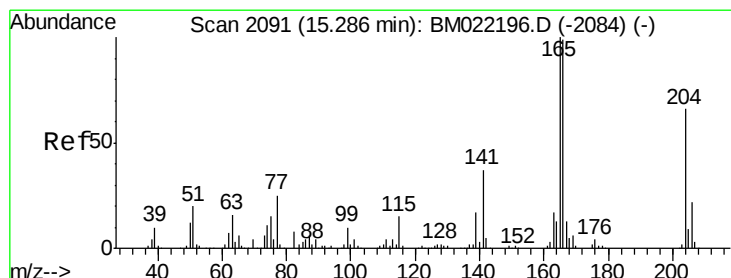
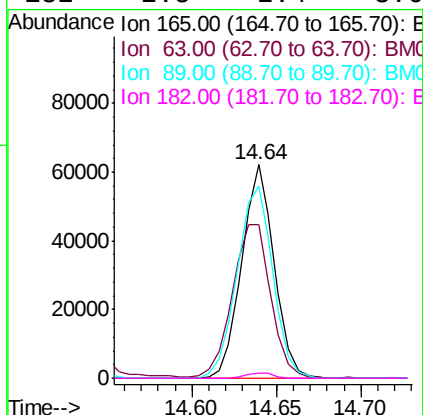
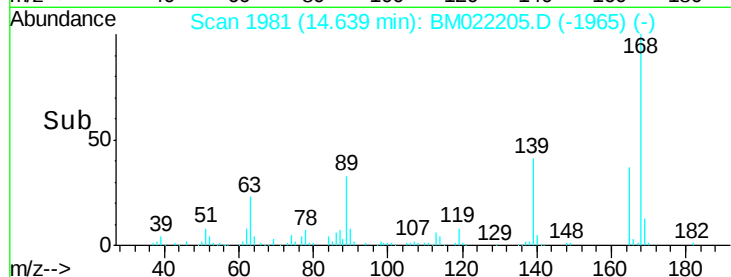
Instrument :
BNA_M
ClientSampled :
TP-17MS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82779		
63	72.1	29.6	44.4#	
89	89.9	49.5	74.3#	
182	2.5	2.4	3.6	

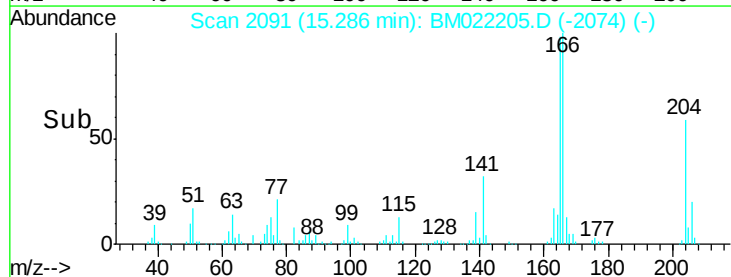
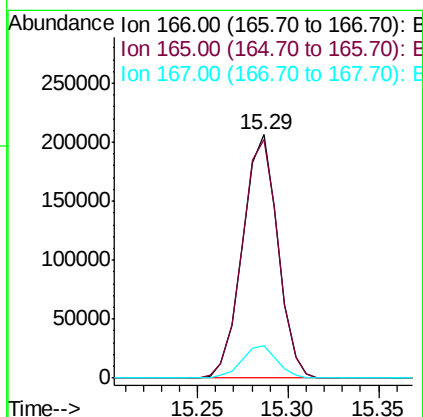
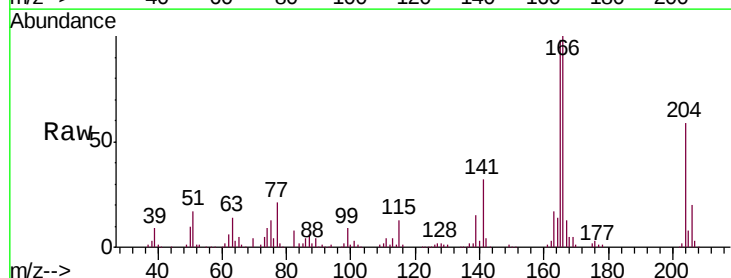
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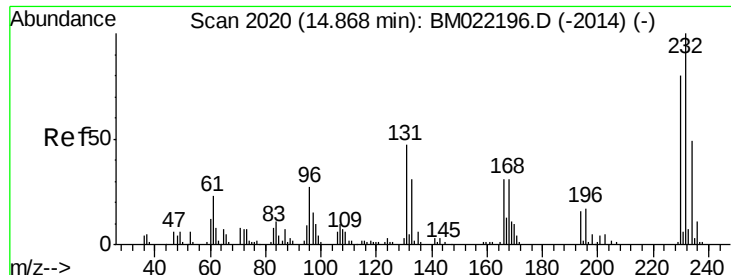
mohammad
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#58
Fluorene
Concen: 42.138 ng
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	278317		
165	97.9	78.6	117.8	
167	13.2	10.9	16.3	





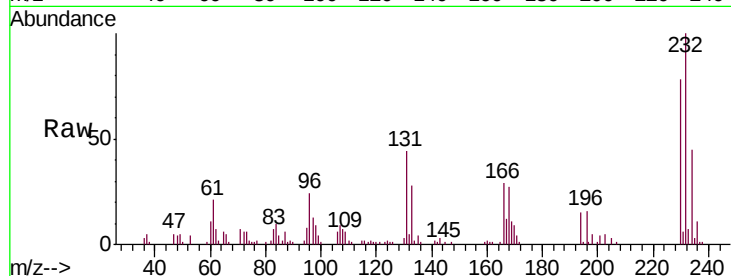
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.890 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampled :
 TP-17MS

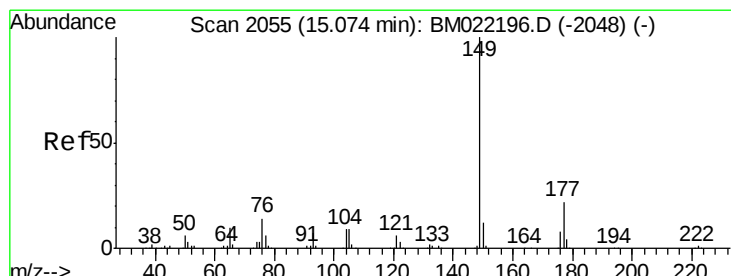
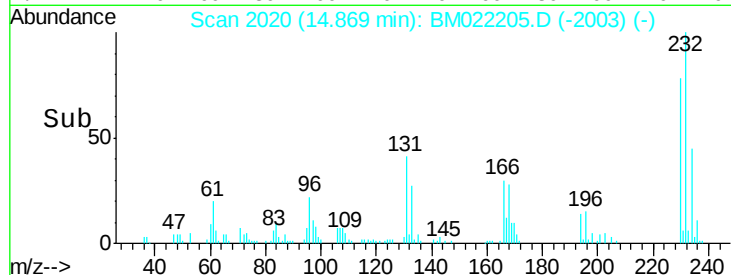
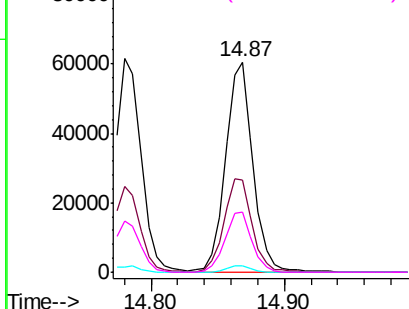
Tgt Ion:	232	Resp:	86814
Ion Ratio	Lower	Upper	
232	100		
131	45.6	30.6	46.0
130	2.8	1.7	2.5
166	28.1	23.4	35.0

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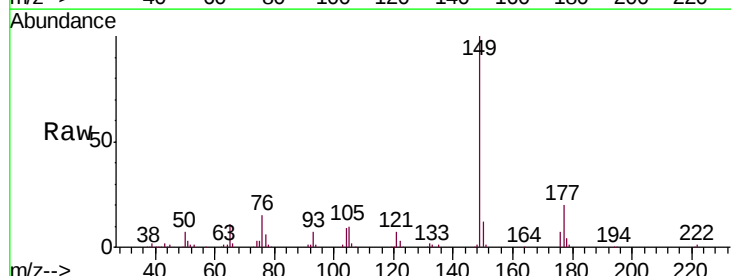


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

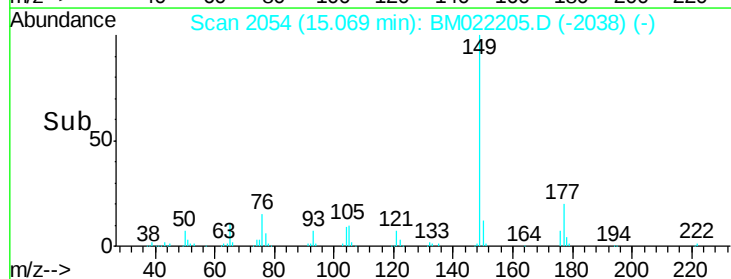
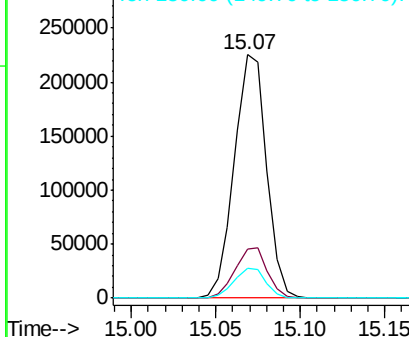


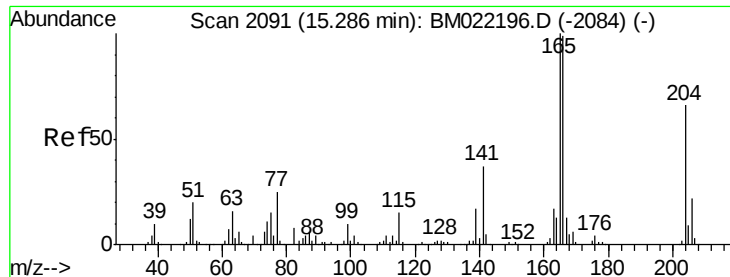
#60
 Diethylphthalate
 Concen: 41.450 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion:	149	Resp:	299286
Ion Ratio	Lower	Upper	
149	100		
177	20.4	19.1	28.7
150	12.3	10.1	15.1



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





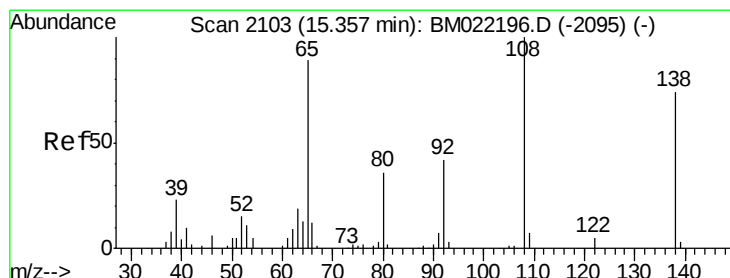
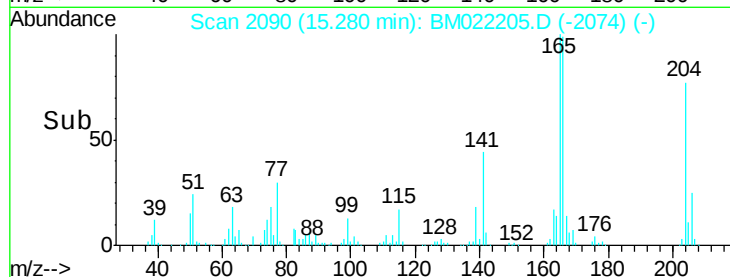
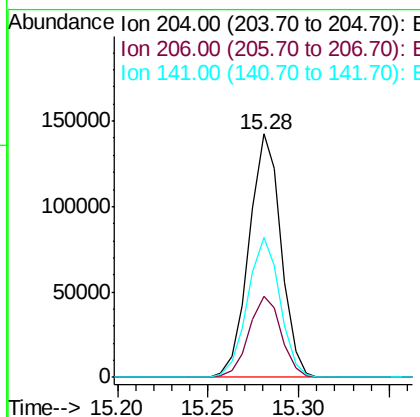
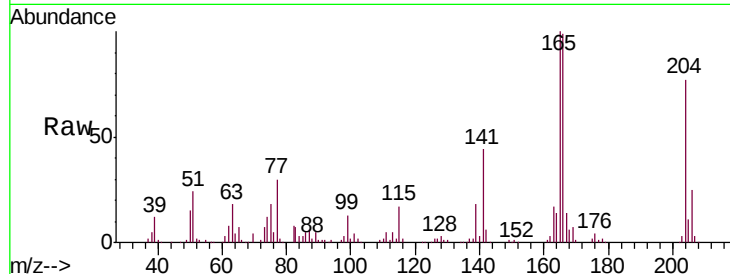
#61
 4-Chlorophenyl-phenylether
 Concen: 42.046 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	175020		
206	33.0	26.1	39.1	
141	57.6	40.7	61.1	

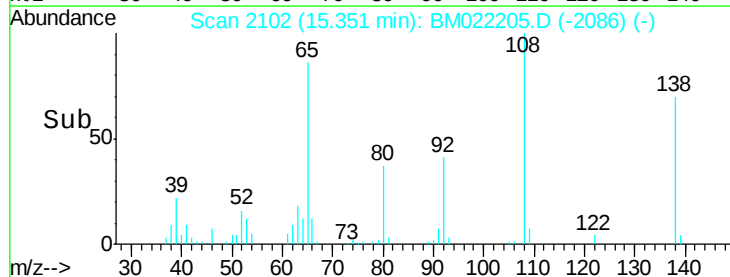
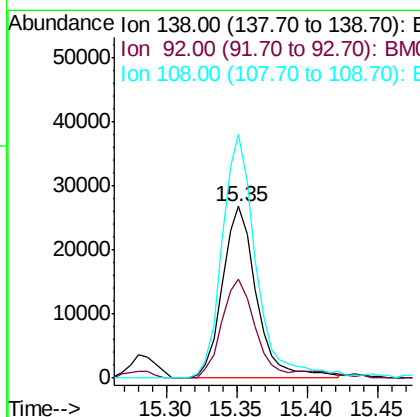
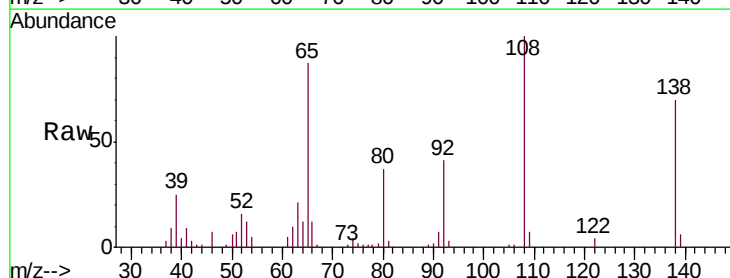
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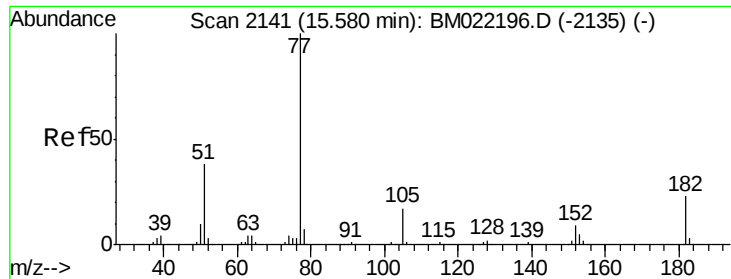
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#62
 4-Nitroaniline
 Concen: 36.153 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	45059		
92	57.9	29.1	69.1	
108	142.1	59.2	99.2#	





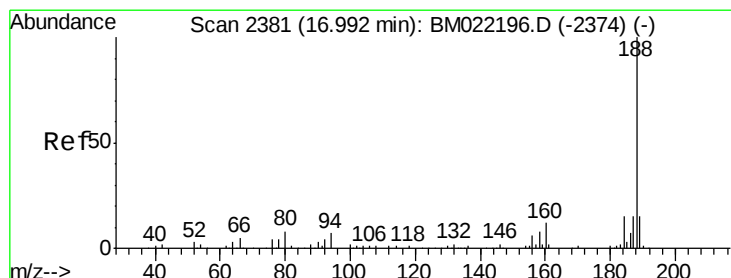
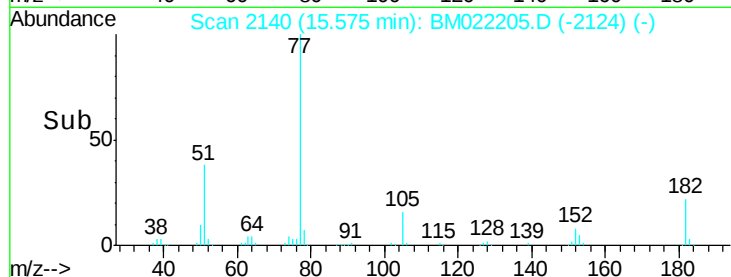
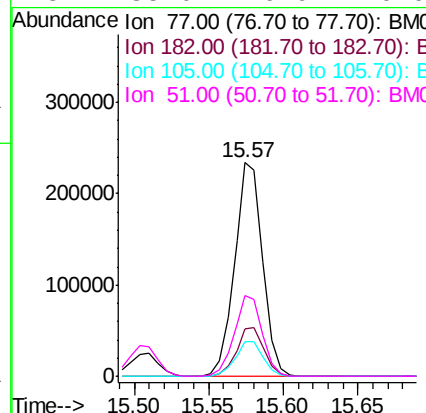
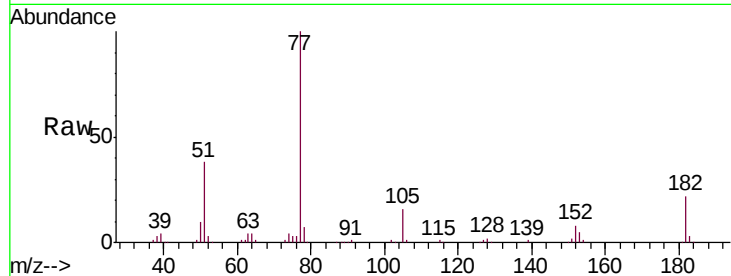
#63
Azobenzene
Concen: 44.152 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	12.6	52.6
105	15.9	1.1	41.1
51	38.0	6.9	46.9

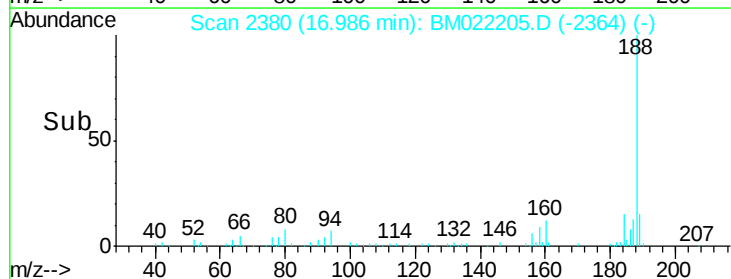
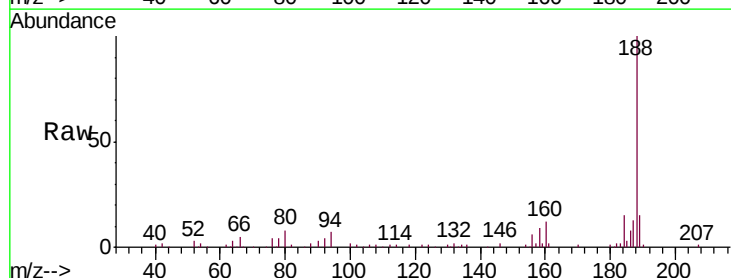
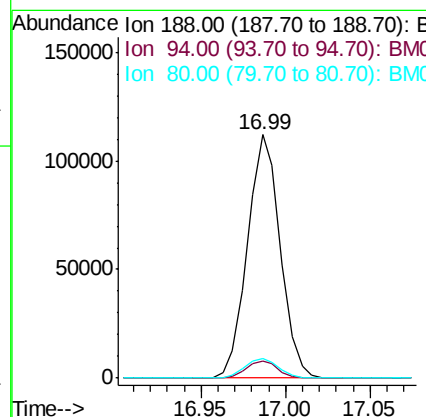
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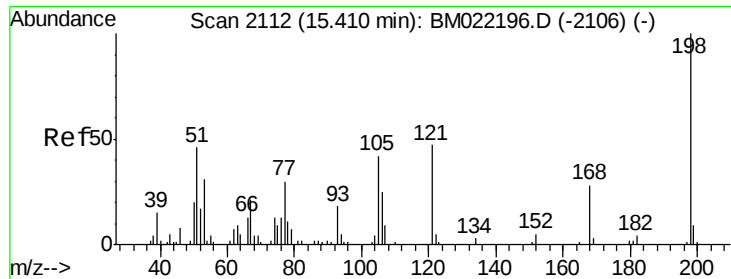
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.8
80	8.1	6.9	10.3





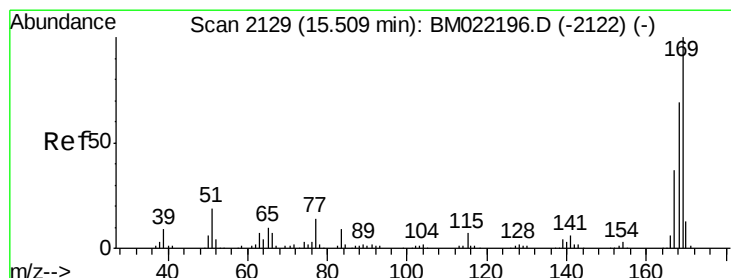
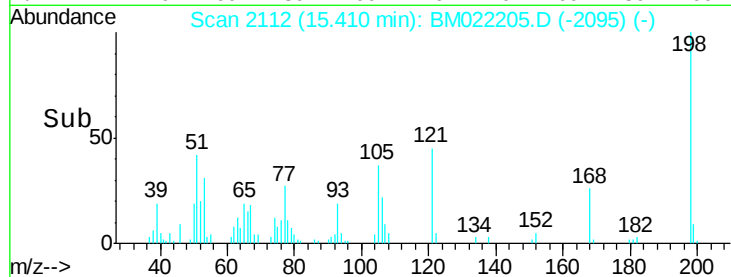
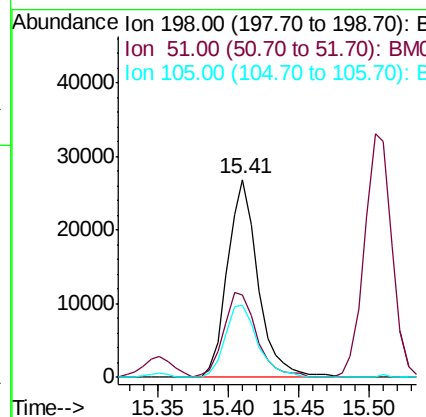
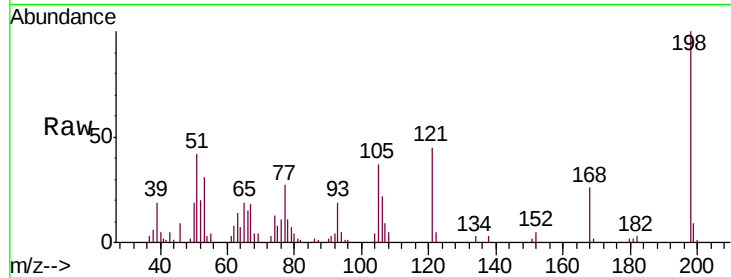
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.423 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampled :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	40597		
51	41.6	15.3	55.3	
105	36.6	16.8	56.8	

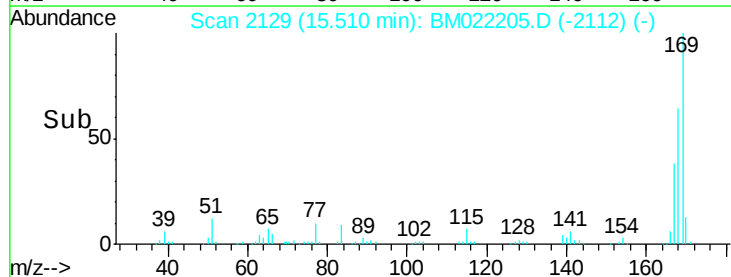
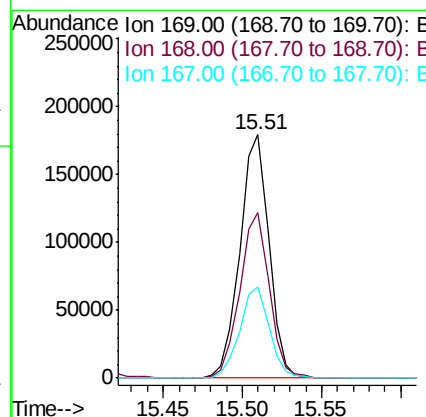
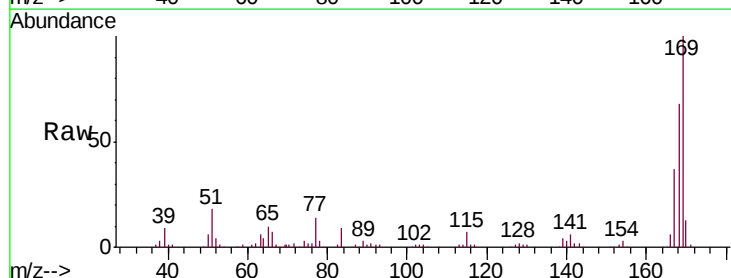
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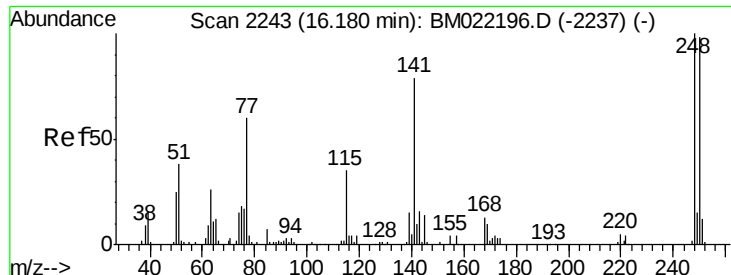
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#66
 n-Nitrosodiphenylamine
 Concen: 46.882 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	227529		
168	67.9	54.5	81.7	
167	37.5	29.0	43.6	





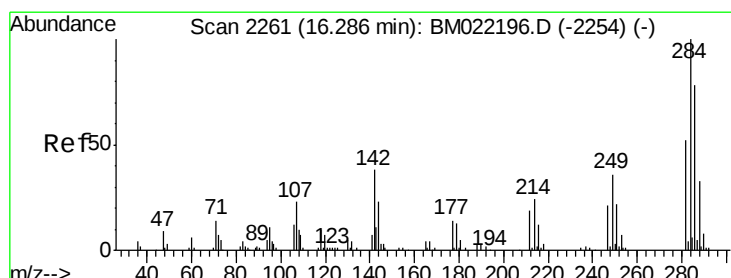
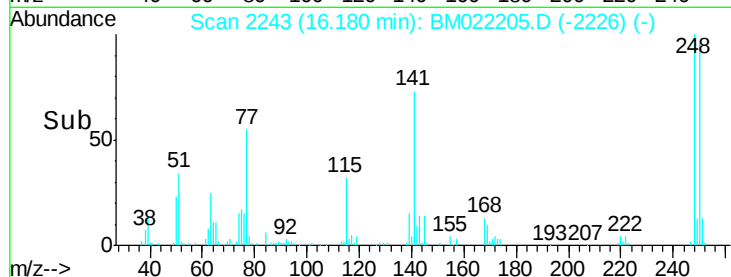
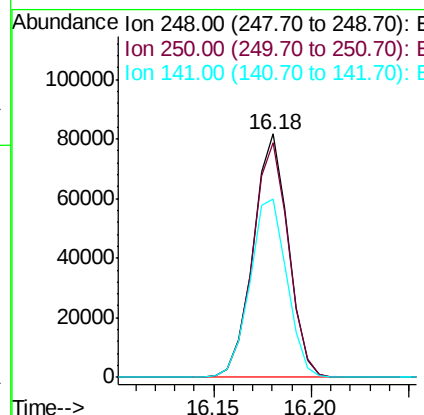
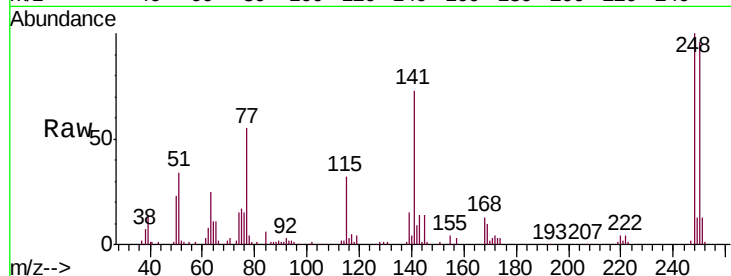
#67
 4-Bromophenyl-phenylether
 Concen: 45.258 ng
 RT: 16.18 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampled :
 TP-17MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.5	116.3
141	73.4	47.8	71.6

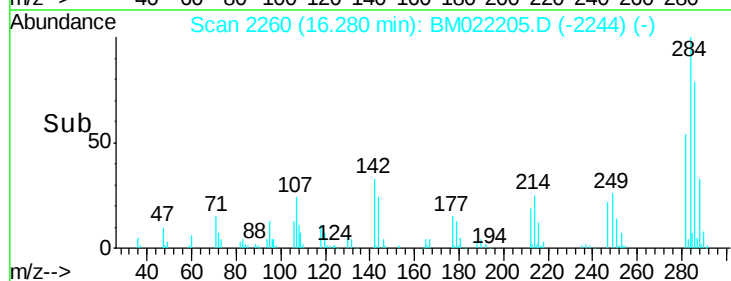
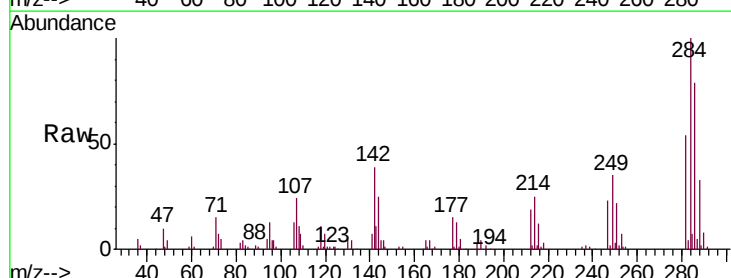
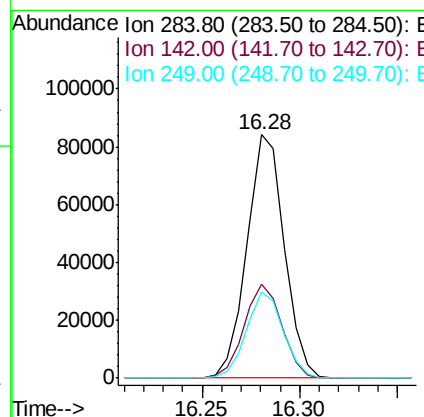
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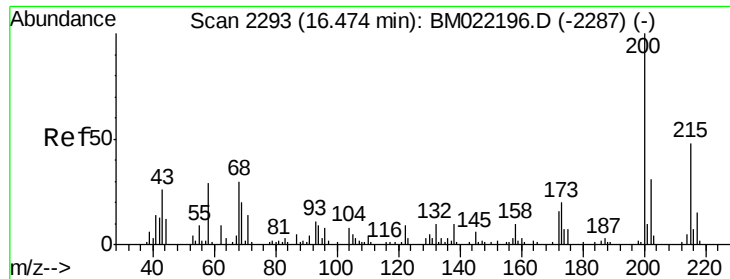
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#68
 Hexachlorobenzene
 Concen: 43.869 ng
 RT: 16.28 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.6	21.2	31.8
249	35.2	23.4	35.0





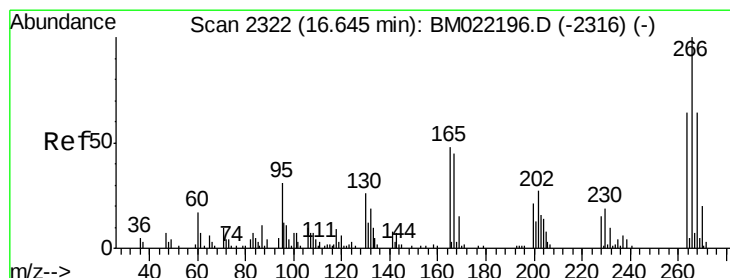
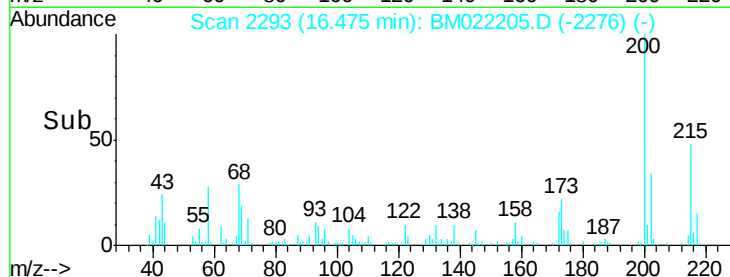
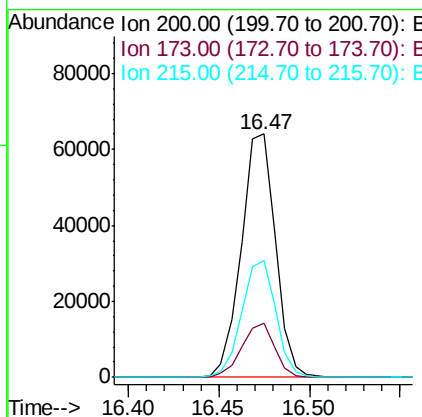
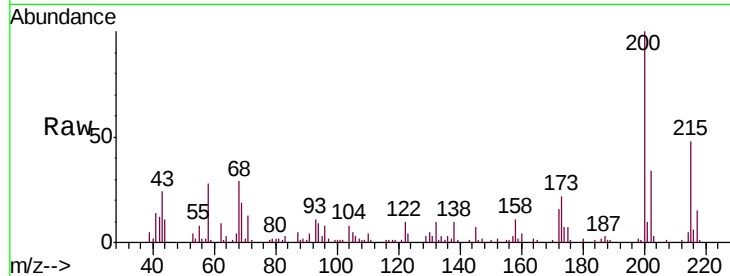
#69
Atrazine
Concen: 52.283 ng
RT: 16.47 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampled :
TP-17MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.0	4.3	44.3
215	48.2	28.2	68.2

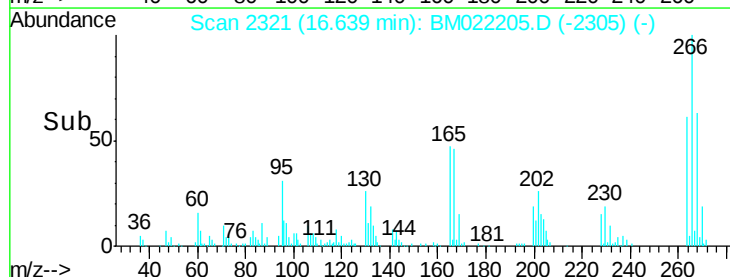
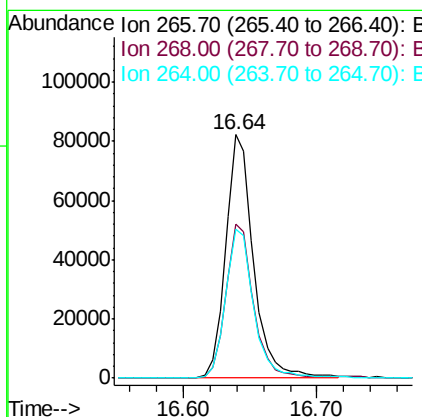
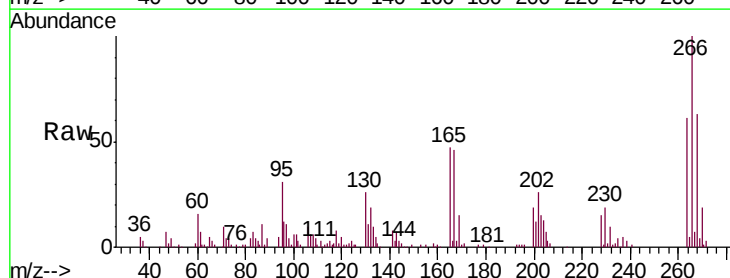
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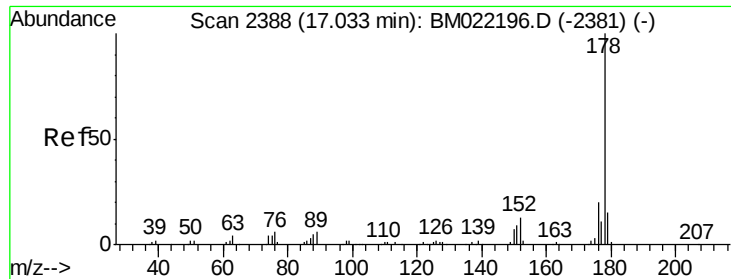
mohammad
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#70
Pentachlorophenol
Concen: 96.876 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	51.0	76.4
264	61.0	49.9	74.9





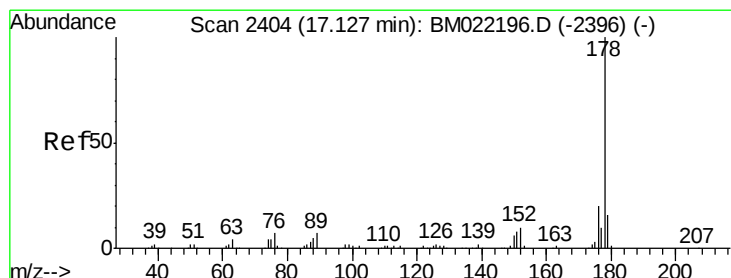
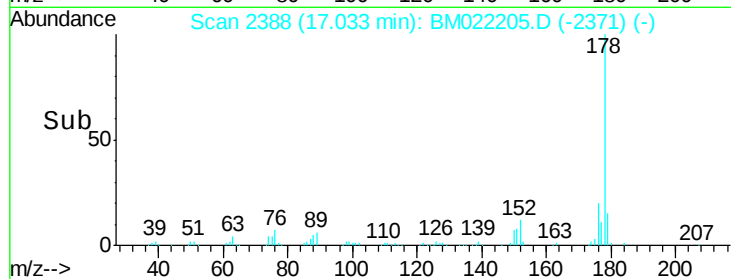
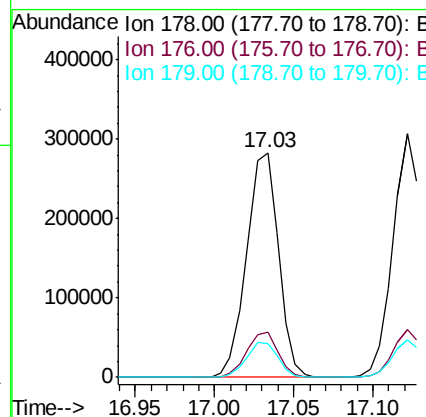
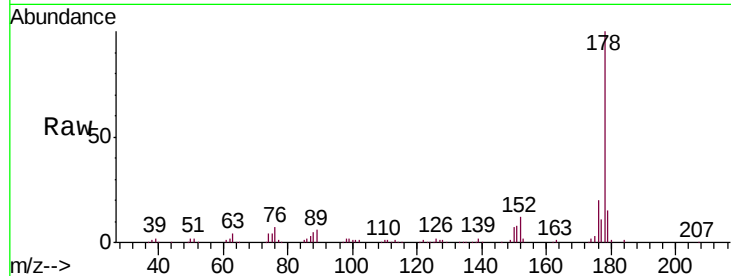
#71
Phenanthrene
Concen: 45.144 ng
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	15.1	12.2	18.4

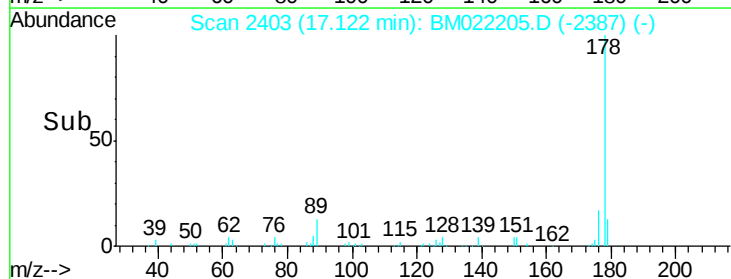
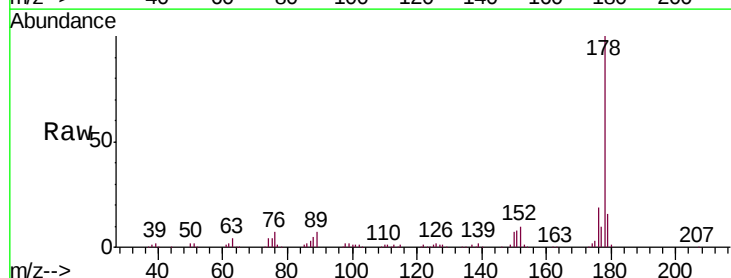
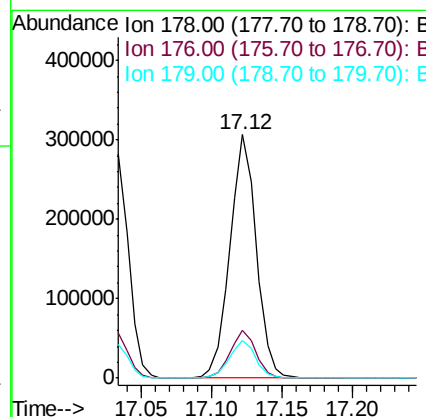
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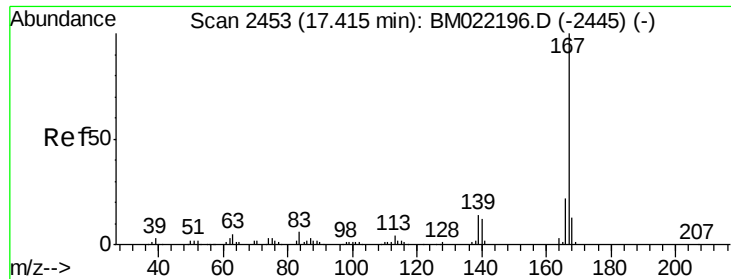
mohammad
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#72
Anthracene
Concen: 45.604 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.7	22.1
179	15.6	12.2	18.2





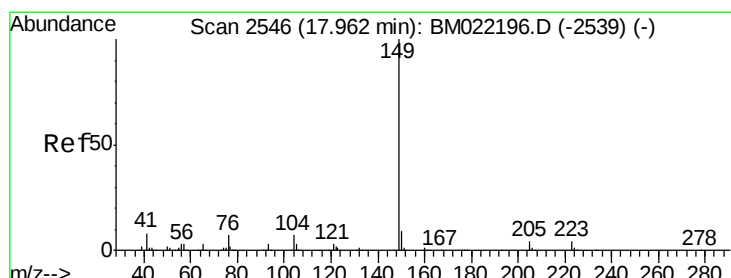
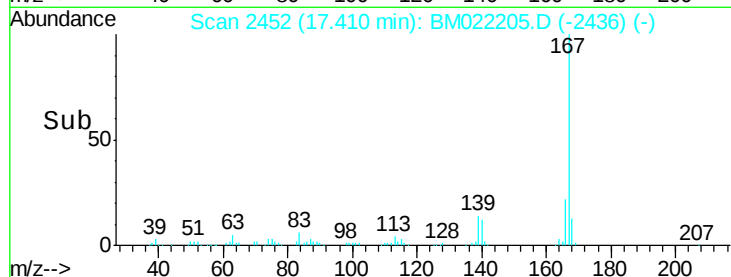
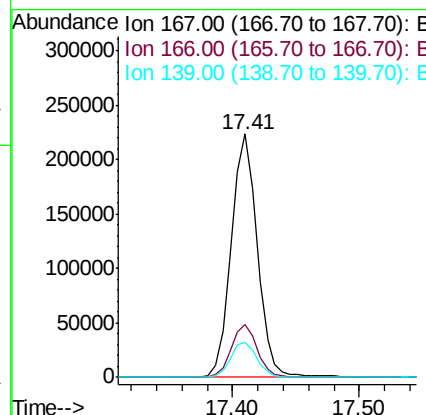
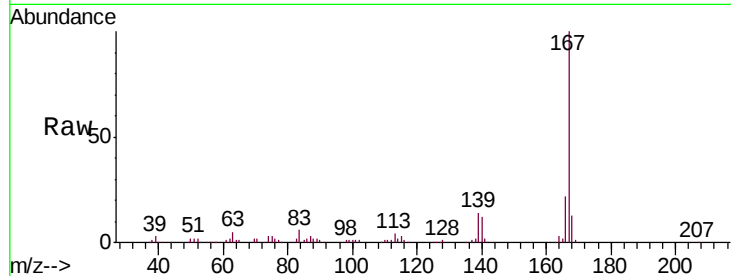
#73
 Carbazole
 Concen: 43.610 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	317065		
166	21.9		17.4	26.2
139	14.5		9.7	14.5

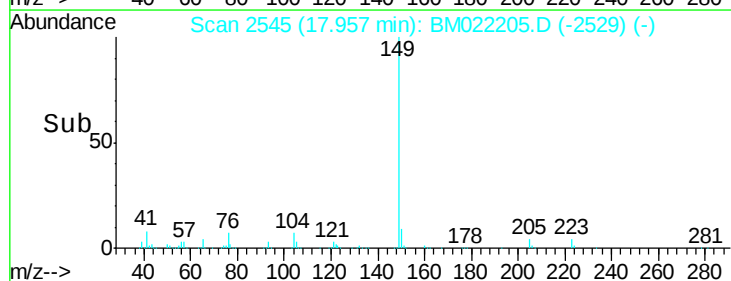
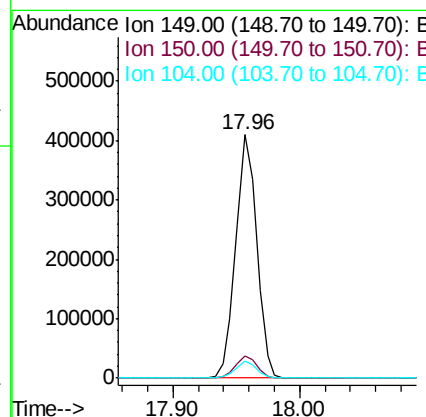
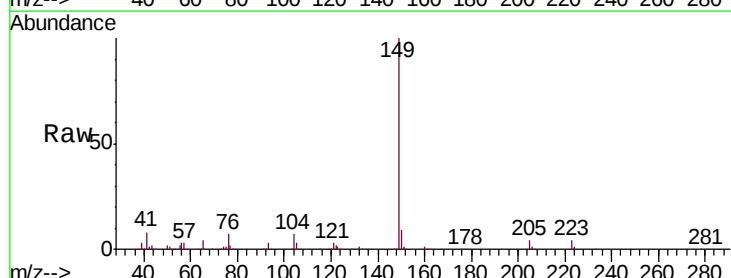
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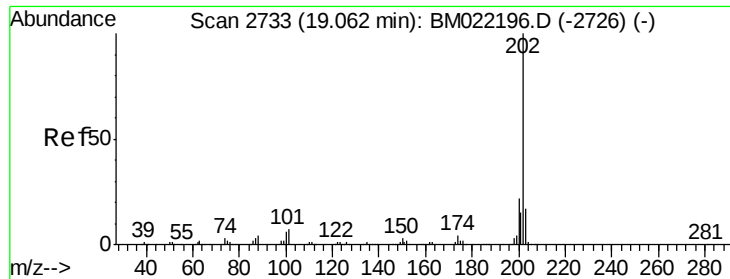
mohammad
 8/22/2019 12:48:30 PM



#74
 Di-n-butylphthalate
 Concen: 42.484 ng
 RT: 17.96 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	468648		
150	9.0		7.4	11.0
104	7.0		3.8	5.8





#75

Fluoranthene

Concen: 42.883 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

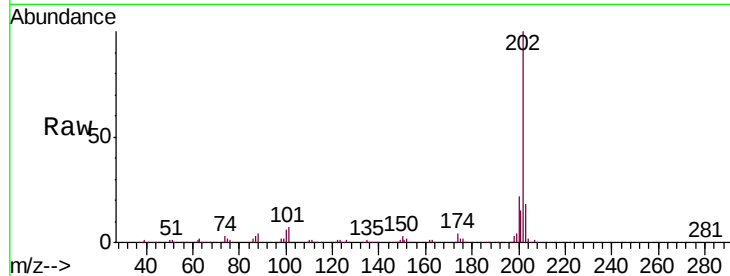
ClientSampleId :

TP-17MS

Tgt Ion:	202	Resp:	453902
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.2
203	17.6	0.0	37.6

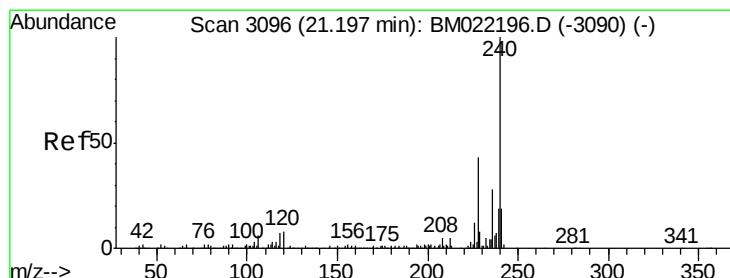
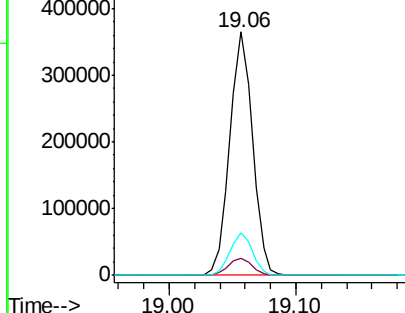
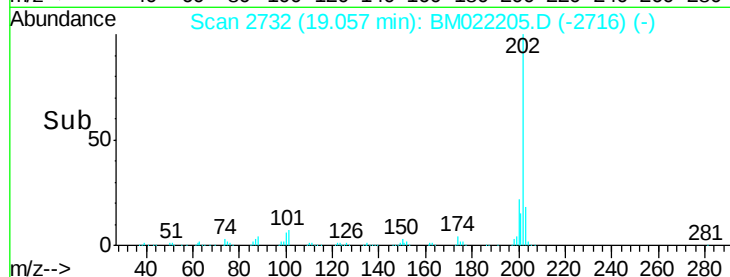
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.06



#76

Chrysene-d12

Concen: 20.000 ng

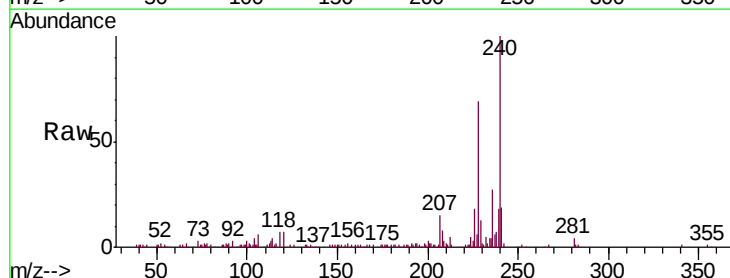
RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM022205.D

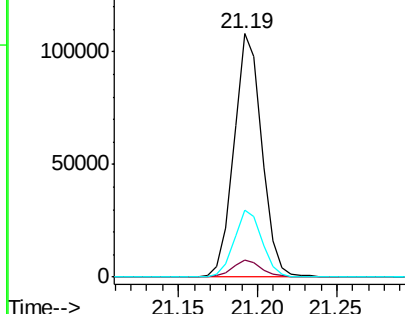
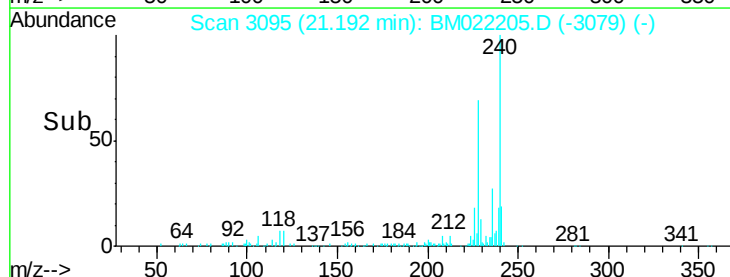
Acq: 20 Aug 2019 10:41

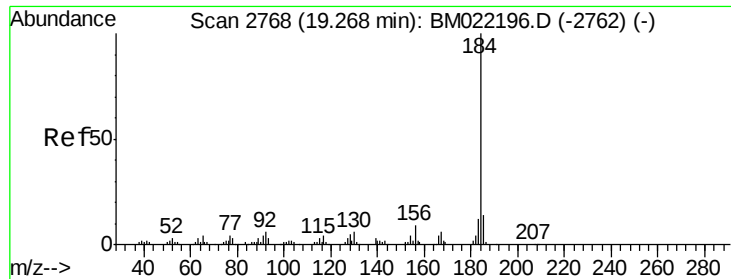
Tgt Ion:	240	Resp:	131355
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.9	10.3#
236	27.4	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.19





#77

Benzidine

Concen: 53.314 ng

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

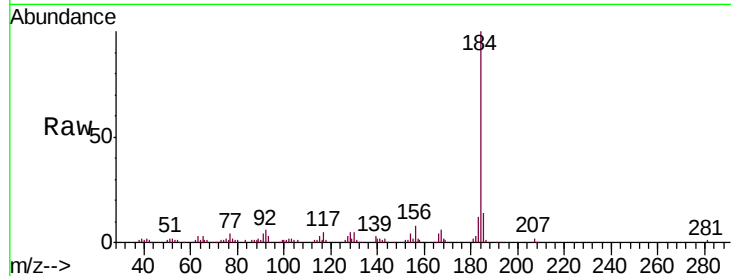
ClientSampled :

TP-17MS

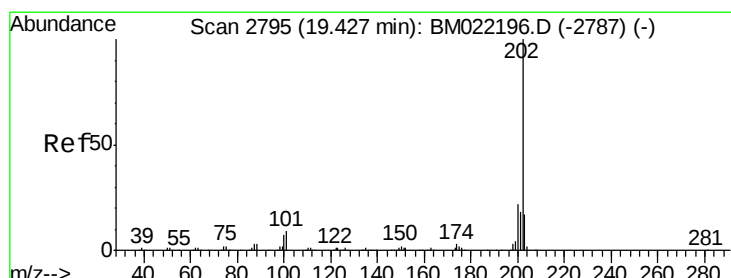
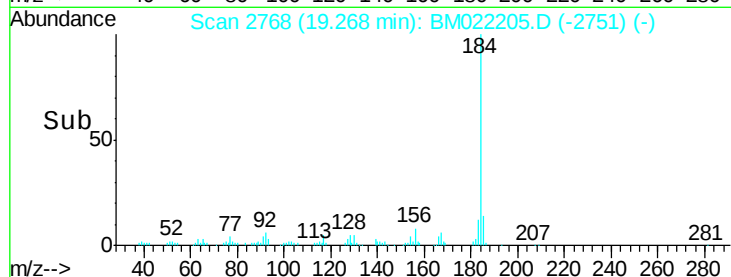
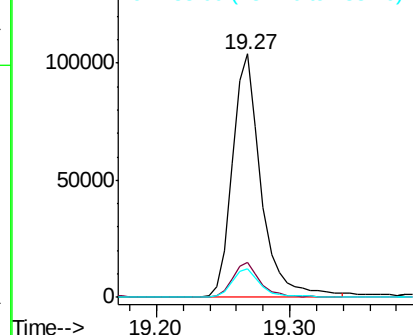
Tgt Ion:	184	Resp:	157074
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.2
183	11.8	9.6	14.4

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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: 49.229 ng

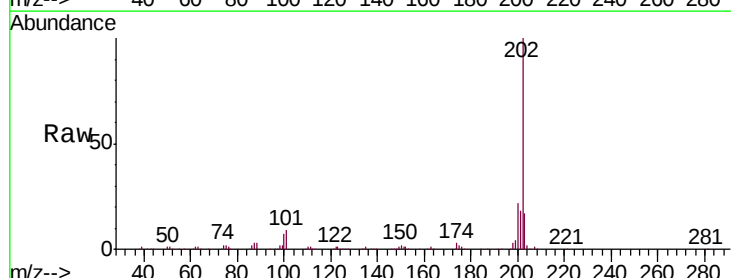
RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

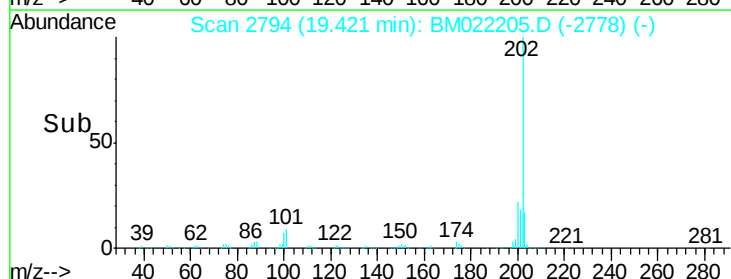
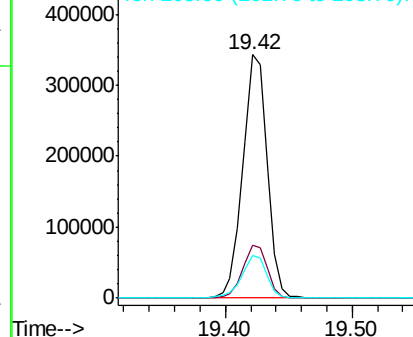
Lab File: BM022205.D

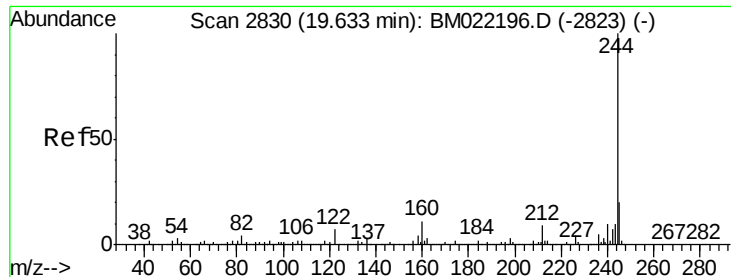
Acq: 20 Aug 2019 10:41

Tgt Ion:	202	Resp:	455162
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.0	25.4
203	17.3	14.0	21.0



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





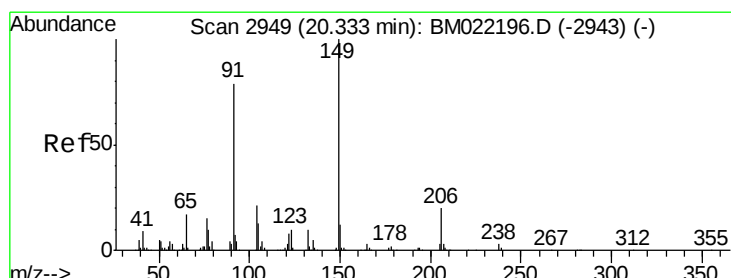
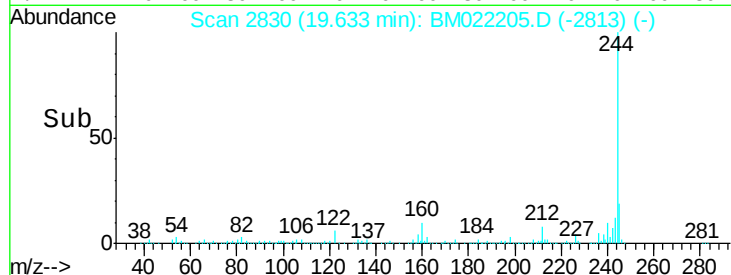
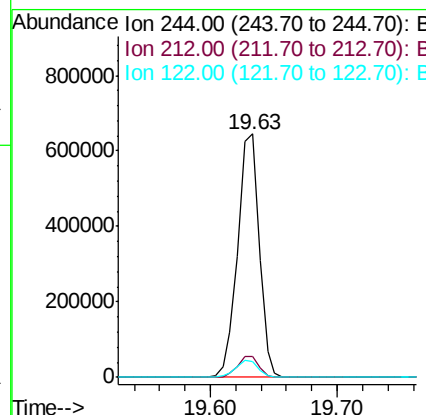
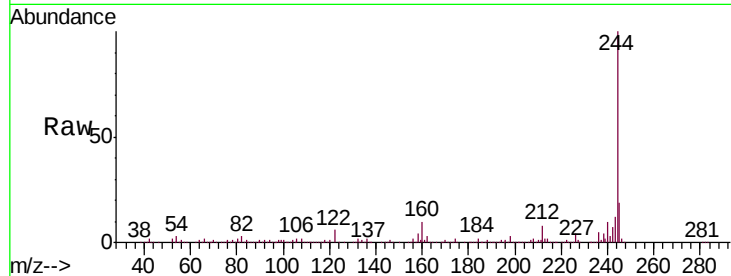
#79
 Terphenyl-d14
 Concen: 83.597 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.3	5.3	7.9#
122	6.4	6.6	9.8#

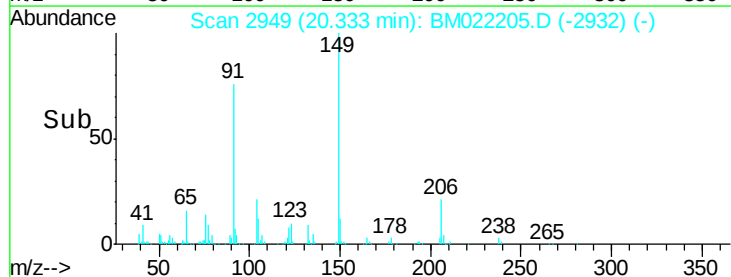
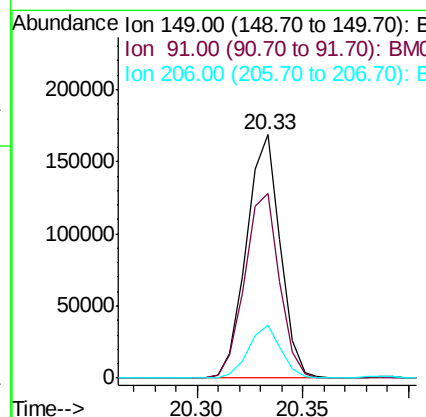
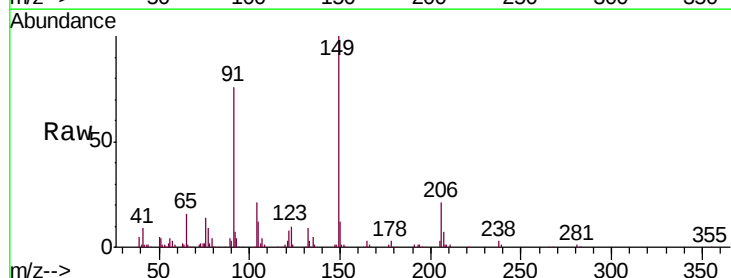
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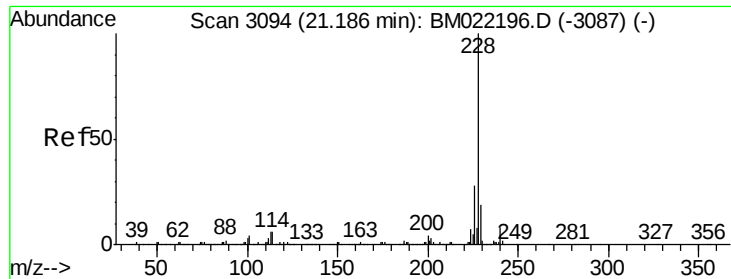
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.372 ng
 RT: 20.33 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.9	50.9	76.3
206	21.5	19.7	29.5





#81

Benzo(a)anthracene

Concen: 45.023 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

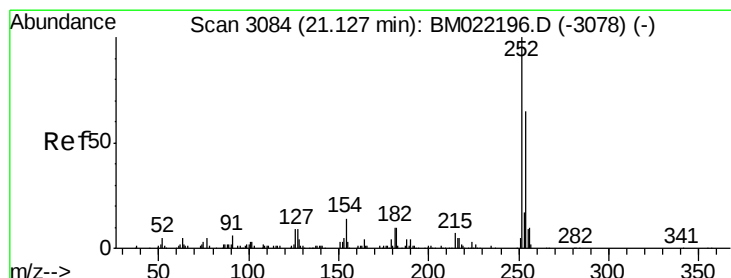
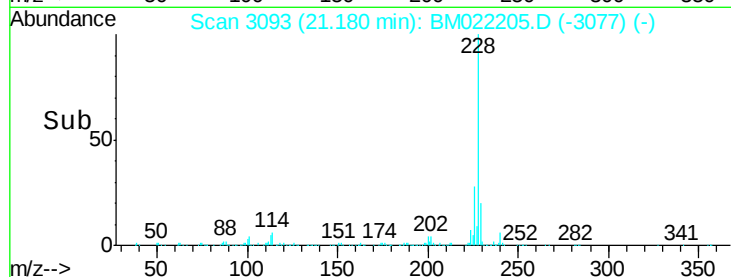
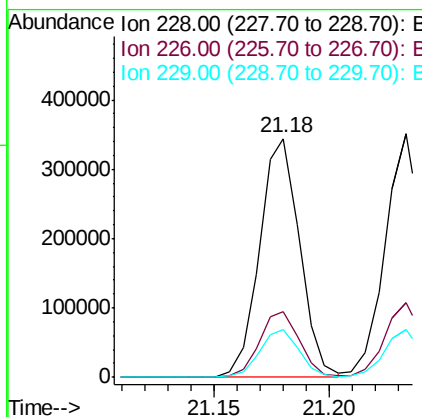
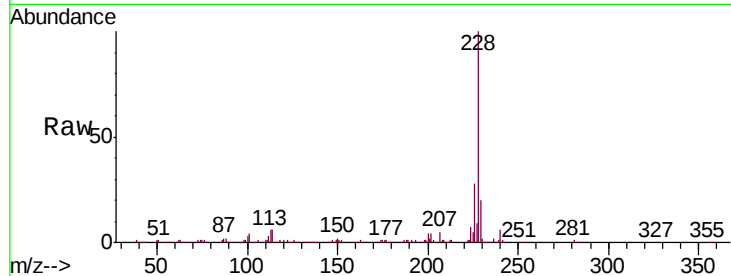
ClientSampleId :

TP-17MS

Tgt Ion:	228	Resp:	415906
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.6	32.4
229	19.9	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 23.961 ng

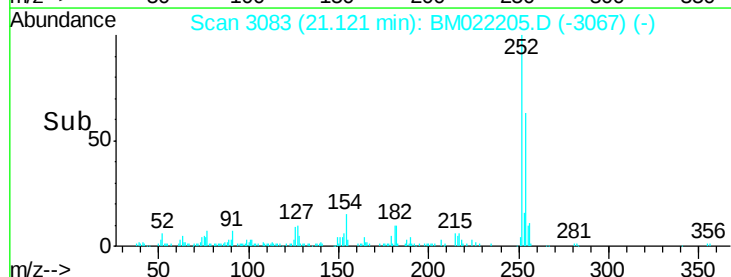
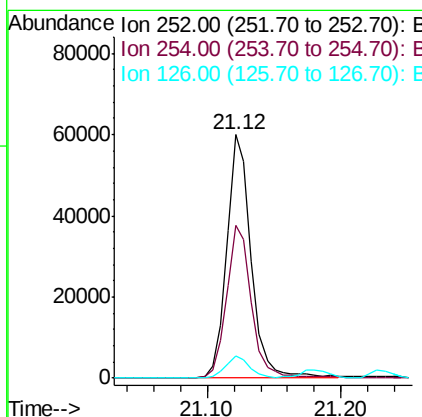
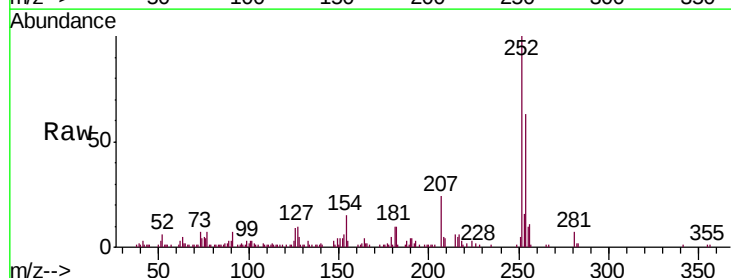
RT: 21.12 min Scan# 3083

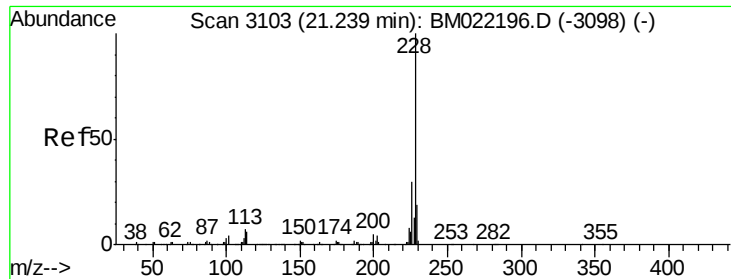
Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	252	Resp:	77175
Ion Ratio	Lower	Upper	
252	100		
254	62.5	51.7	77.5
126	9.2	6.6	9.8





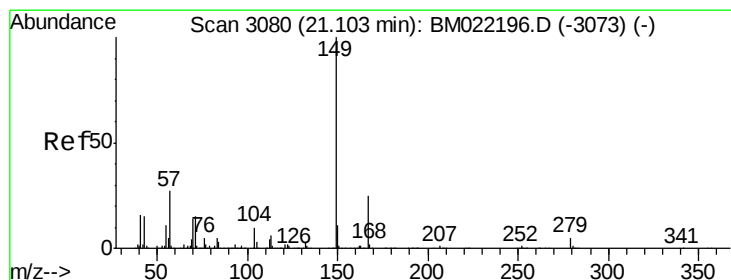
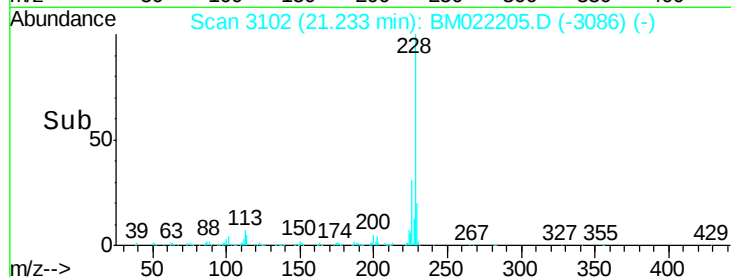
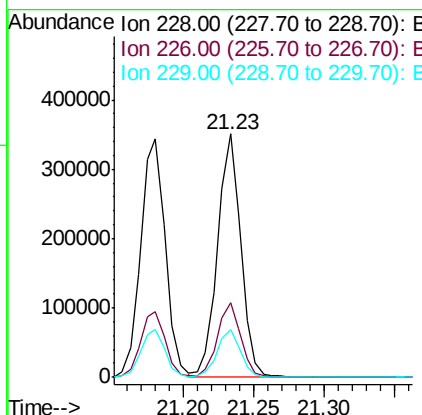
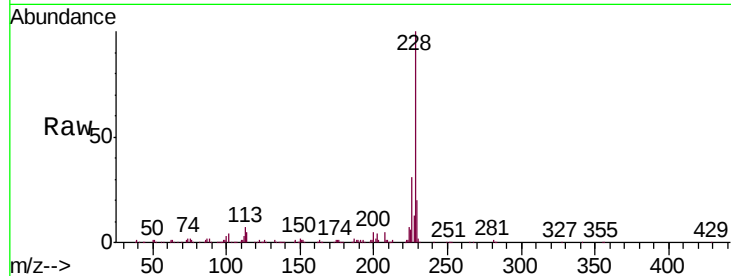
#83
 Chrysene
 Concen: 44.958 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MS

Tgt	Ion	228	Resp:	400915
	Ratio	100	Lower	Upper
	226	30.7	24.1	36.1
	229	19.7	15.6	23.4

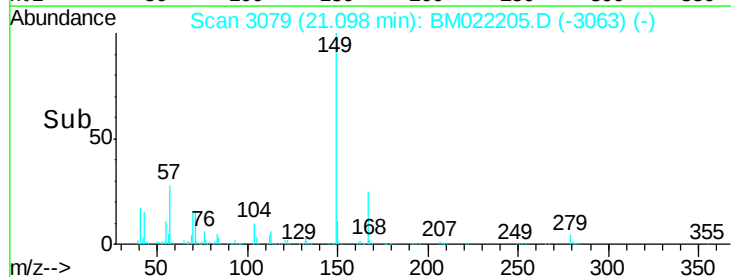
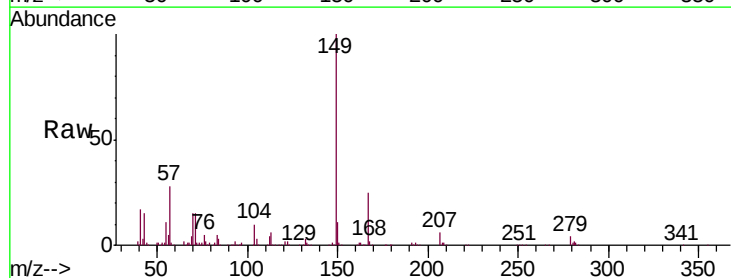
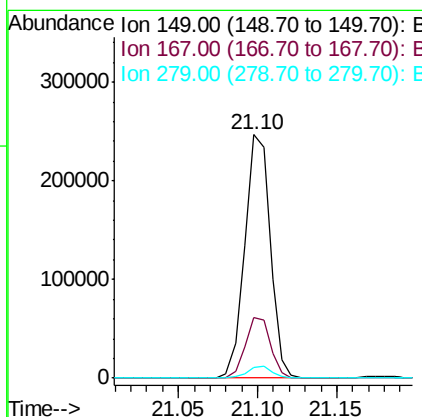
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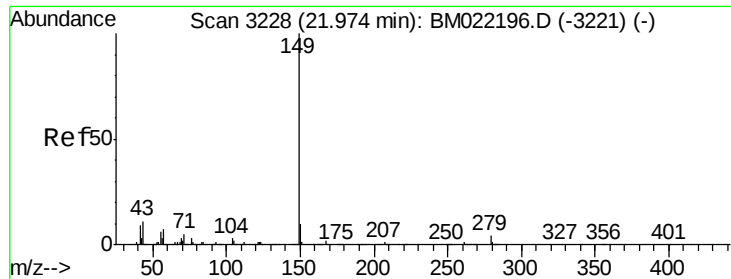
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.263 ng
 RT: 21.10 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM022205.D
 Acq: 20 Aug 2019 10:41

Tgt	Ion	149	Resp:	275284
	Ratio	100	Lower	Upper
	167	24.8	23.0	34.4
	279	4.4	4.6	7.0#





#85

Di-n-octyl phthalate

Concen: 43.069 ng

RT: 21.97 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

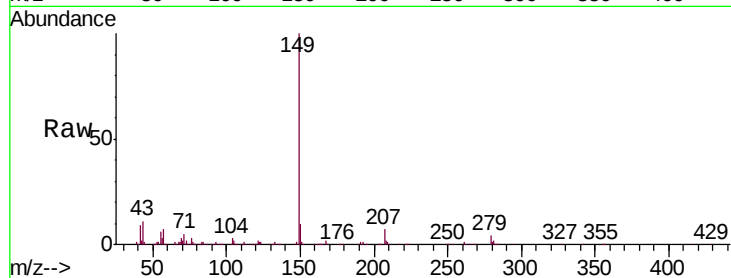
ClientSampled :

TP-17MS

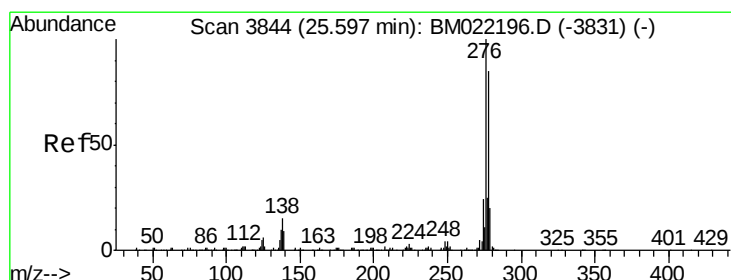
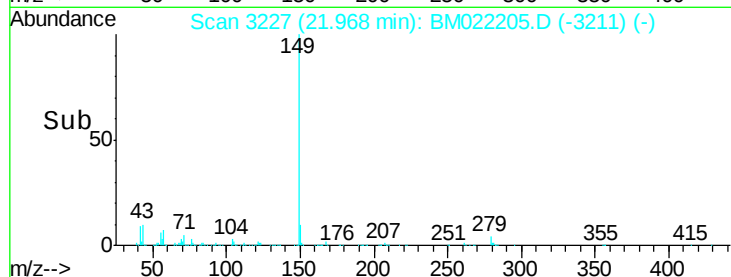
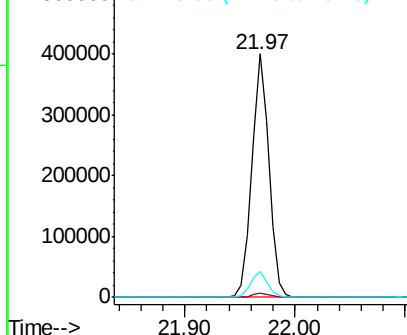
Tgt Ion:	149	Resp:	433547
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.7	6.2	9.2#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.875 ng

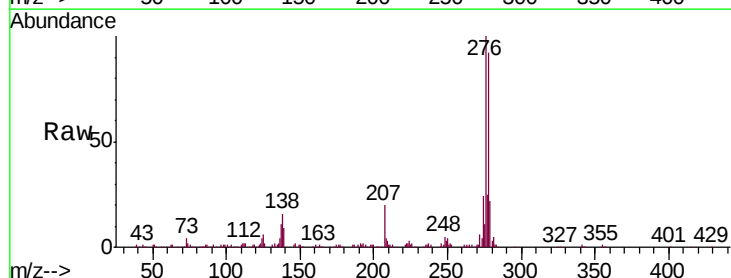
RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

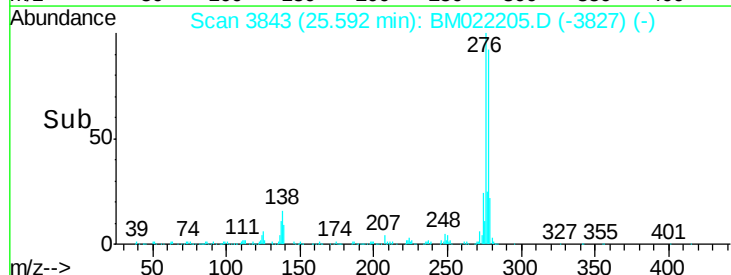
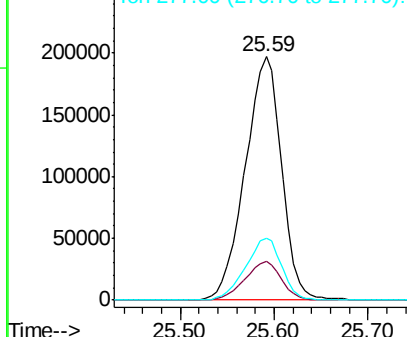
Lab File: BM022205.D

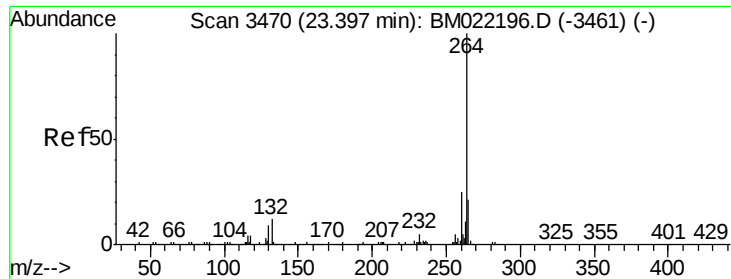
Acq: 20 Aug 2019 10:41

Tgt Ion:	276	Resp:	528162
Ion Ratio	Lower	Upper	
276	100		
138	16.0	15.4	23.0
277	25.2	20.4	30.6



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





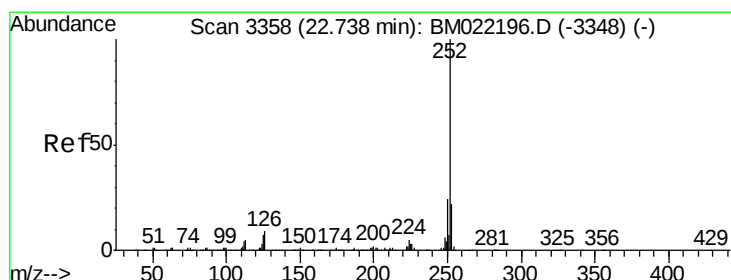
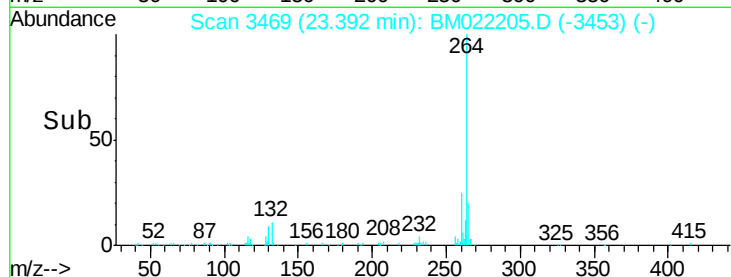
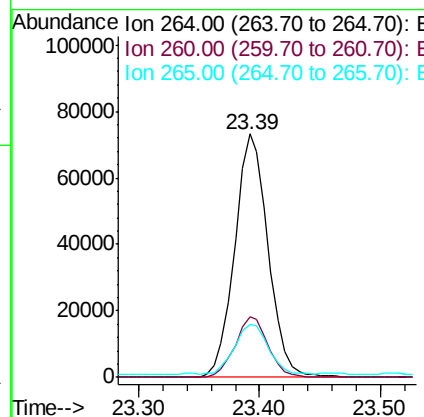
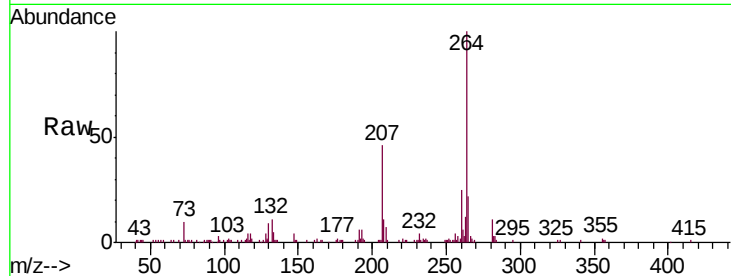
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Instrument :
BNA_M
ClientSampled :
TP-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.1	19.0	28.4	
265	21.5	17.7	26.5	

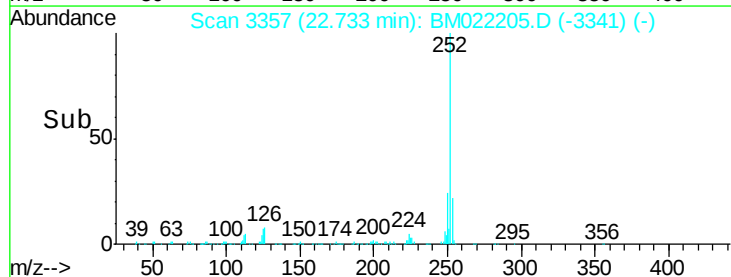
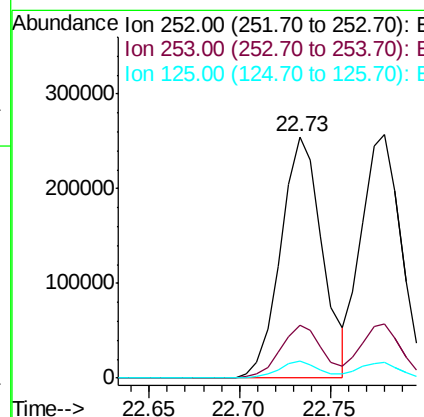
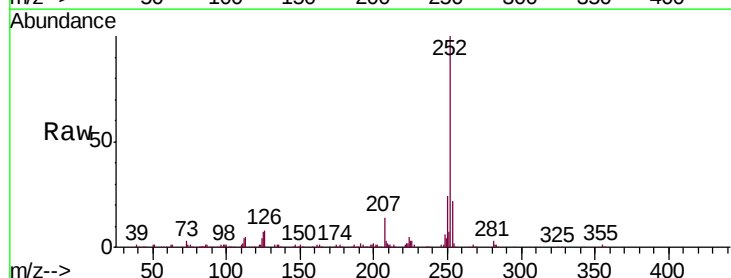
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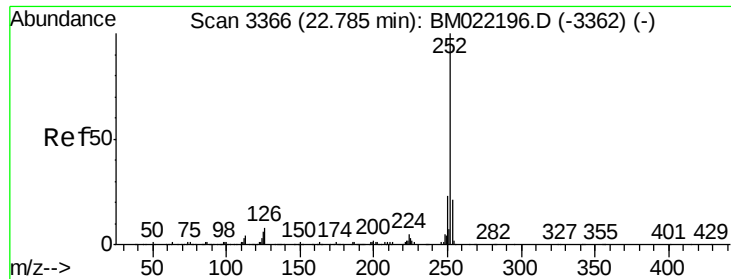
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.428 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM022205.D
Acq: 20 Aug 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.0	17.4	26.0	
125	7.1	5.9	8.9	





#89

Benzo(k)fluoranthene

Concen: 42.683 ng

RT: 22.78 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

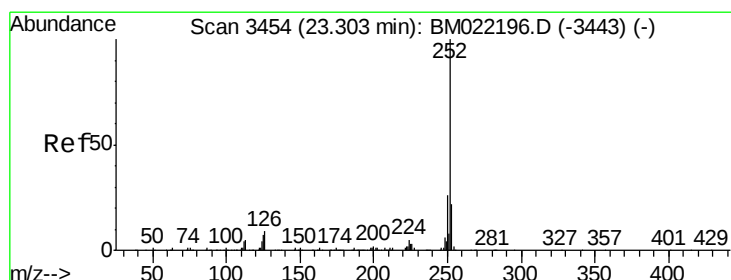
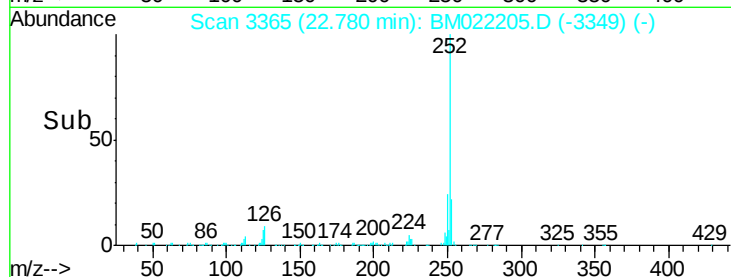
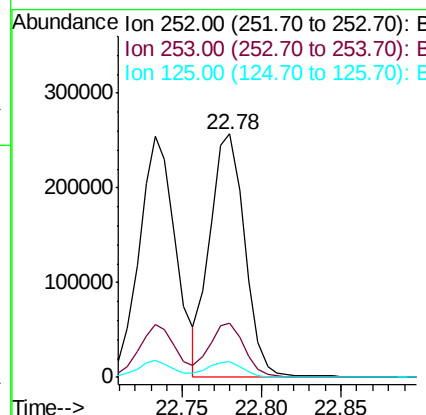
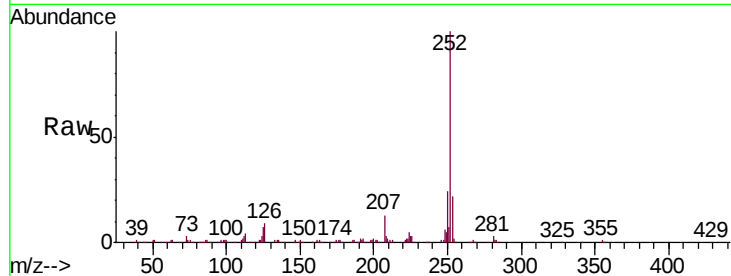
ClientSampleId :

TP-17MS

Tgt Ion:	252	Resp:	392435
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	6.5	5.9	8.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.134 ng

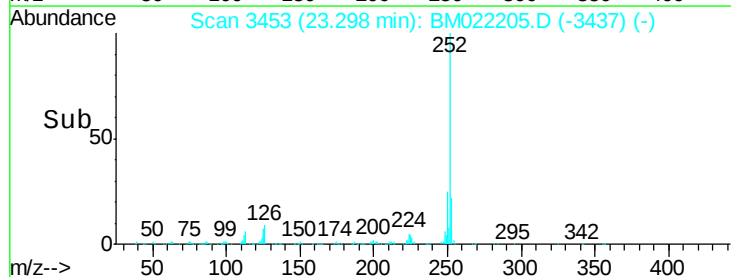
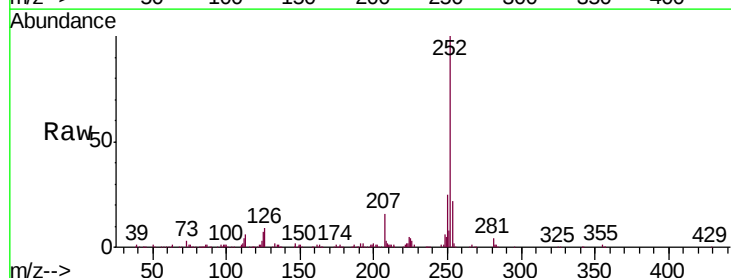
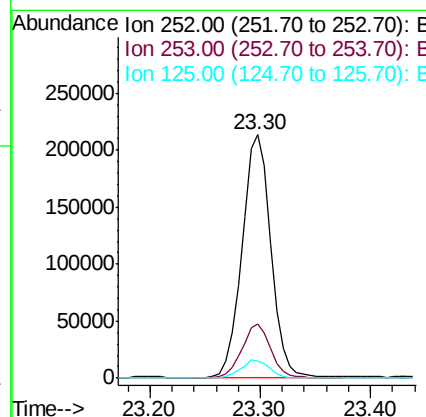
RT: 23.30 min Scan# 3453

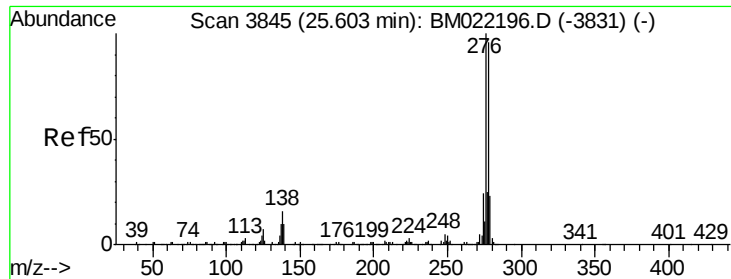
Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	252	Resp:	395176
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	6.9	6.6	10.0





#91

Dibenzo(a,h)anthracene

Concen: 48.627 ng

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Instrument :

BNA_M

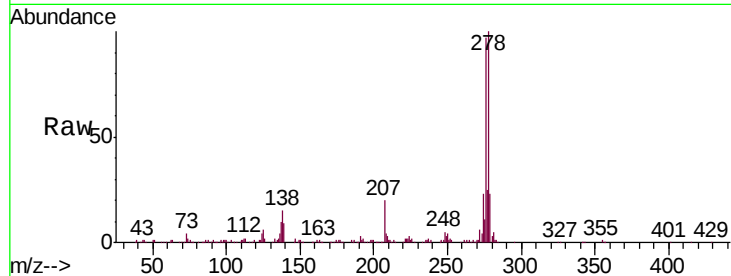
ClientSampled :

TP-17MS

Tgt Ion:	278	Resp:	442582
Ion Ratio		Lower	Upper
278	100		
139	9.4	9.8	14.8#
279	23.3	18.7	28.1

Manual Integrations
APPROVED

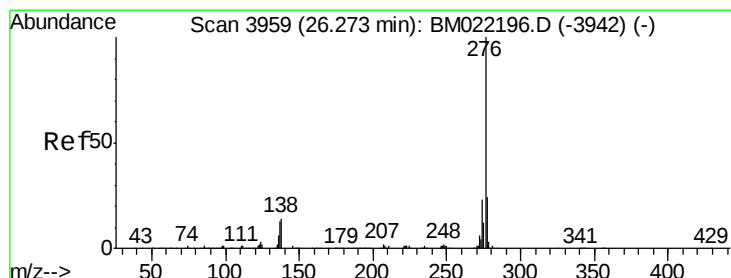
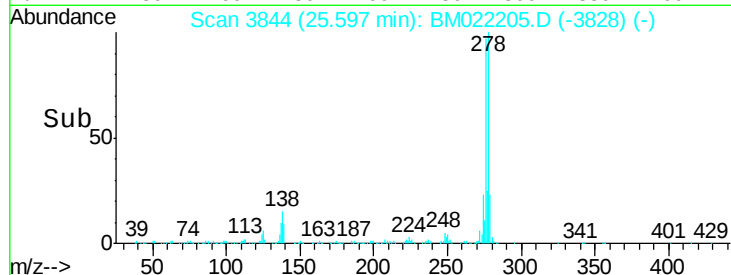
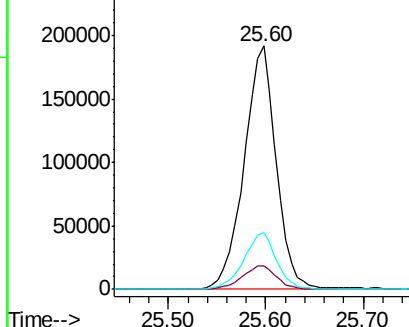
mohammad
8/22/2019 12:48:30 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.323 ng

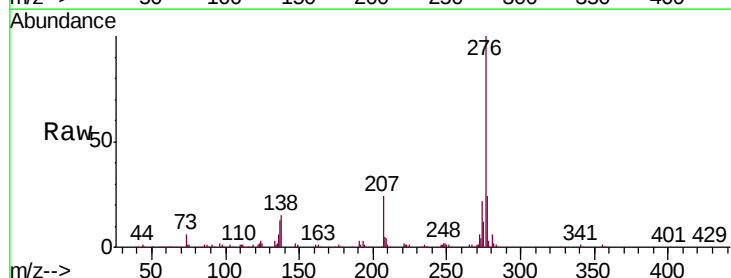
RT: 26.26 min Scan# 3957

Delta R.T. -0.01 min

Lab File: BM022205.D

Acq: 20 Aug 2019 10:41

Tgt Ion:	276	Resp:	416345
Ion Ratio		Lower	Upper
276	100		
277	24.2	18.8	28.2
138	14.9	13.1	19.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

