

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
 Data File : BM027438.D
 Acq On : 16 Sep 2020 12:20
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 9/18/2020 11:29:07 AM

Quant Time: Sep 16 13:44:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	107597	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	375437	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	251618	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	582631	20.00	ng	0.00
76) Chrysene-d12	21.14	240	654135	20.00	ng	0.00
86) Perylene-d12	23.31	264	676906	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	539828	83.53	ng	0.00
7) Phenol-d6	6.75	99	696598	79.87	ng	0.00
23) Nitrobenzene-d5	8.70	82	731330	83.22	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	353796	80.19	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1550510	81.95	ng	0.00
79) Terphenyl-d14	19.59	244	2914037	77.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	129192	46.884	ng	99
3) Pyridine	3.54	79	355063	44.357	ng	98
4) n-Nitrosodimethylamine	3.45	42	127293	40.294	ng	# 94
6) Aniline	6.89	93	421550	39.765	ng	99
8) 2-Chlorophenol	7.13	128	266794	40.551	ng	99
9) Benzaldehyde	6.70	77	248863	36.270	ng	99
10) Phenol	6.77	94	335419	40.024	ng	97
11) bis(2-Chloroethyl)ether	6.99	93	281250	39.880	ng	99
12) 1,3-Dichlorobenzene	7.45	146	331553	40.486	ng	99
13) 1,4-Dichlorobenzene	7.59	146	337551	40.994	ng	99
14) 1,2-Dichlorobenzene	7.90	146	317651	40.147	ng	99
15) Benzyl Alcohol	7.80	79	281257	37.525	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	209111	39.153	ng	98
17) 2-Methylphenol	8.00	107	219990	38.657	ng	98
18) Hexachloroethane	8.62	117	130399	39.518	ng	94
19) n-Nitroso-di-n-propylamine	8.36	70	252709	36.386	ng	98
20) 3+4-Methylphenols	8.33	107	294171	37.888	ng	98
22) Acetophenone	8.37	105	436033	41.254	ng	# 96
24) Nitrobenzene	8.74	77	381874	41.741	ng	99
25) Isophorone	9.27	82	615088	39.785	ng	99
26) 2-Nitrophenol	9.45	139	141102	41.549	ng	96
27) 2,4-Dimethylphenol	9.52	122	234032	40.351	ng	97
28) bis(2-Chloroethoxy)methane	9.75	93	359053	40.482	ng	98
29) 2,4-Dichlorophenol	9.98	162	270175	40.458	ng	97
30) 1,2,4-Trichlorobenzene	10.19	180	326995	41.010	ng	98
31) Naphthalene	10.37	128	826315	41.088	ng	99
32) Benzoic acid	9.66	122	132608m	33.986	ng	
33) 4-Chloroaniline	10.49	127	338336	39.627	ng	97
34) Hexachlorobutadiene	10.67	225	220474	40.919	ng	99
35) Caprolactam	11.26	113	73554	37.426	ng	97
36) 4-Chloro-3-methylphenol	11.62	107	281381	39.217	ng	98
37) 2-Methylnaphthalene	11.99	142	616249	39.106	ng	100
38) 1-Methylnaphthalene	12.22	142	576835	38.985	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	379294	41.871	ng	99

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTDC0040

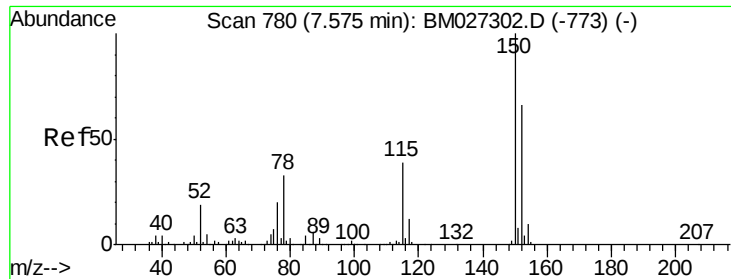
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	244706	41.045	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	230907	41.575	ng	96
44) 2,4,5-Trichlorophenol	12.69	196	247144	40.935	ng	98
46) 1,1'-Biphenyl	13.02	154	825033	41.430	ng	99
47) 2-Chloronaphthalene	13.06	162	653234	41.371	ng	99
48) 2-Nitroaniline	13.27	65	202619	41.966	ng	96
49) Acenaphthylene	13.92	152	992695	41.500	ng	99
50) Dimethylphthalate	13.66	163	832004	40.229	ng	99
51) 2,6-Dinitrotoluene	13.77	165	181233	41.138	ng	98
52) Acenaphthene	14.26	154	611578	41.211	ng	98
53) 3-Nitroaniline	14.10	138	164758	38.165	ng	100
54) 2,4-Dinitrophenol	14.32	184	106554	39.705	ng	99
55) Dibenzofuran	14.60	168	1021619	40.698	ng	100
56) 4-Nitrophenol	14.43	139	131551	37.750	ng	97
57) 2,4-Dinitrotoluene	14.57	165	252622	41.382	ng	97
58) Fluorene	15.25	166	848143	40.253	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	234756	40.222	ng	100
60) Diethylphthalate	15.04	149	844649	39.707	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	457302	39.507	ng	98
62) 4-Nitroaniline	15.27	138	167658	36.509	ng	93
63) Azobenzene	15.54	77	903690	41.073	ng	98
65) 4,6-Dinitro-2-methylphenol	15.34	198	134316	35.921	ng	99
66) n-Nitrosodiphenylamine	15.47	169	730224	40.516	ng	100
67) 4-Bromophenyl-phenylether	16.14	248	288115	40.052	ng	98
68) Hexachlorobenzene	16.26	284	339994	40.491	ng	100
69) Atrazine	16.43	200	210727	39.972	ng	99
70) Pentachlorophenol	16.60	266	180451	35.537	ng	99
71) Phenanthrene	16.99	178	1372438	40.510	ng	100
72) Anthracene	17.07	178	1405332	41.101	ng	99
73) Carbazole	17.34	167	1226351	41.086	ng	99
74) Di-n-butylphthalate	17.93	149	1450374	40.395	ng	100
75) Fluoranthene	19.01	202	1692485	41.182	ng	100
77) Benzidine	19.20	184	722526	36.664	ng	98
78) Pyrene	19.37	202	1749336	39.213	ng	99
80) Butylbenzylphthalate	20.30	149	669902	36.343	ng	96
81) Benzo(a)anthracene	21.13	228	1772541	40.587	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	660543	36.577	ng	99
83) Chrysene	21.19	228	1747724	41.180	ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1017717	42.000	ng	99
85) Di-n-octyl phthalate	21.95	149	1706429	42.309	ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2068077	45.054	ng	100
88) Benzo(b)fluoranthene	22.67	252	1884135	40.016	ng	100
89) Benzo(k)fluoranthene	22.72	252	1844985	40.531	ng	99
90) Benzo(a)pyrene	23.22	252	1637865	41.129	ng	99
91) Dibenzo(a,h)anthracene	25.48	278	1714348	44.216	ng	100
92) Benzo(g,h,i)perylene	26.12	276	1732136	46.358	ng	99

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



#1

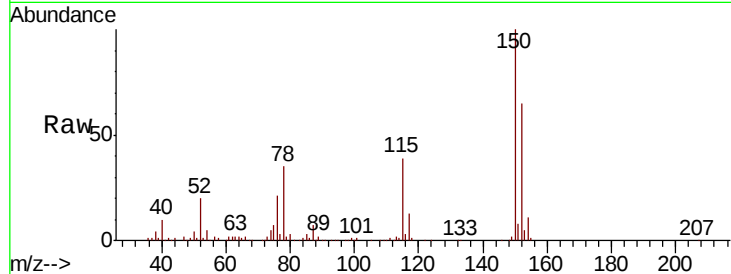
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.6	181.0
115	59.6	47.2	70.8

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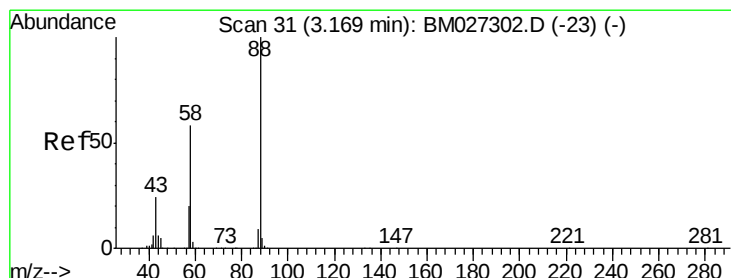
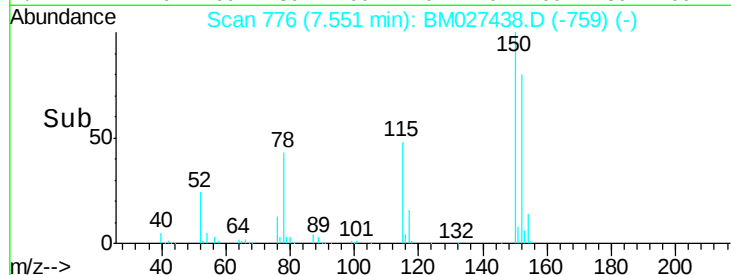
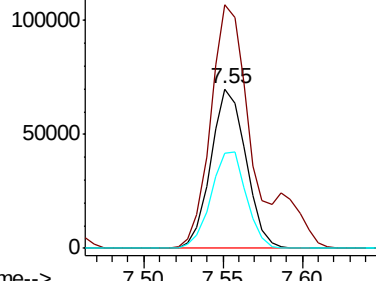


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

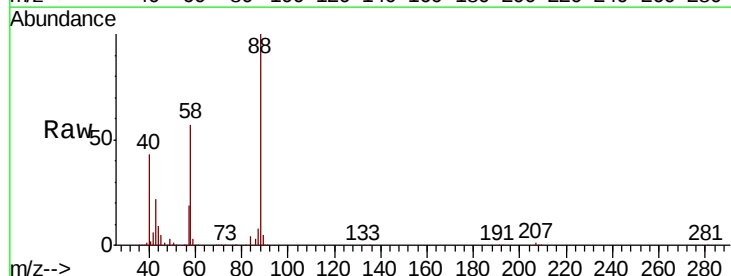
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.884 ng
RT: 3.16 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	46.2	69.2
43	22.8	19.0	28.6

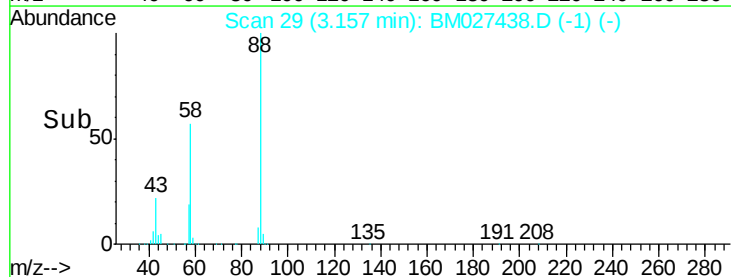
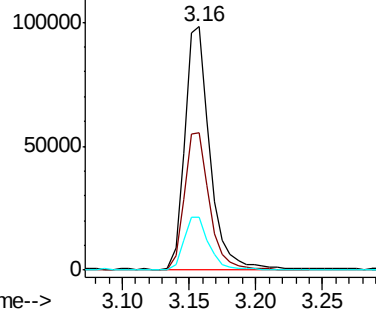


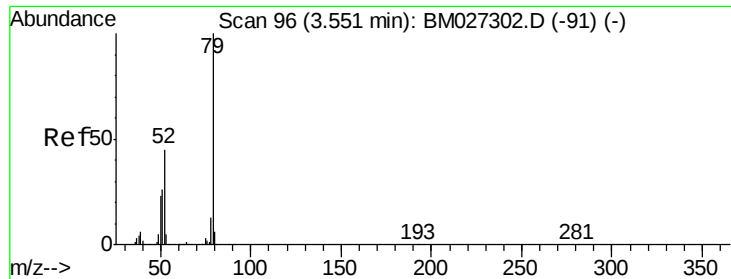
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





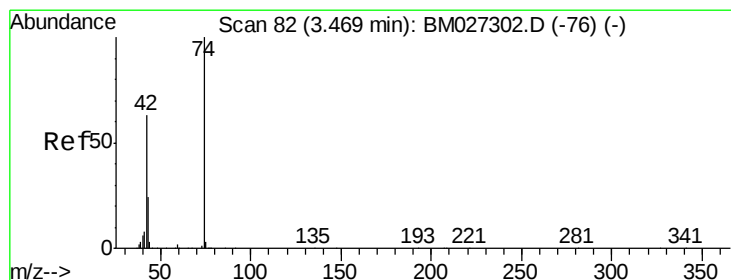
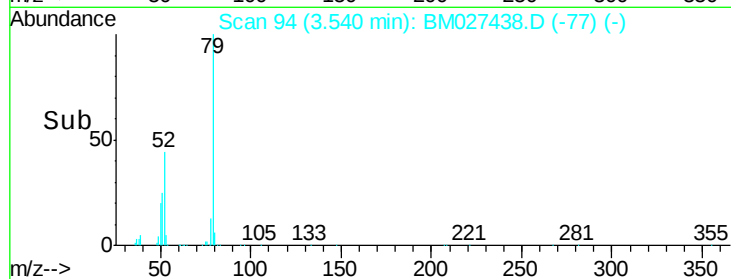
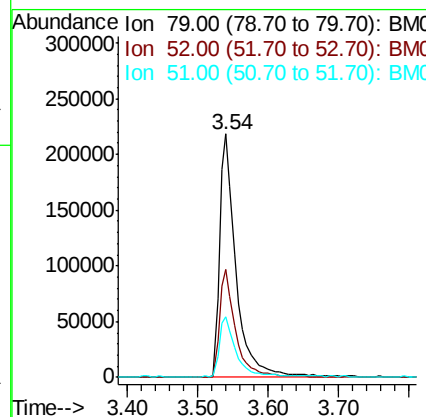
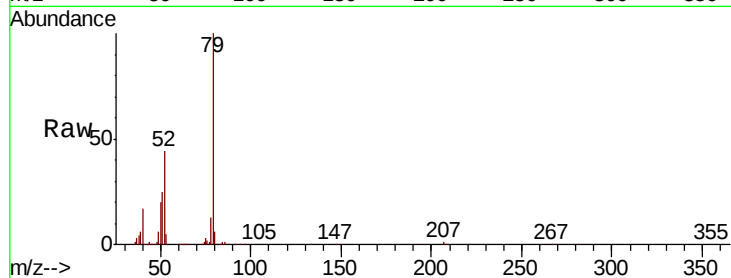
#3
 Pvridine
 Concen: 44.357 ng
 RT: 3.54 min Scan# 94
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.1	35.8	53.8
51	25.0	21.0	31.6

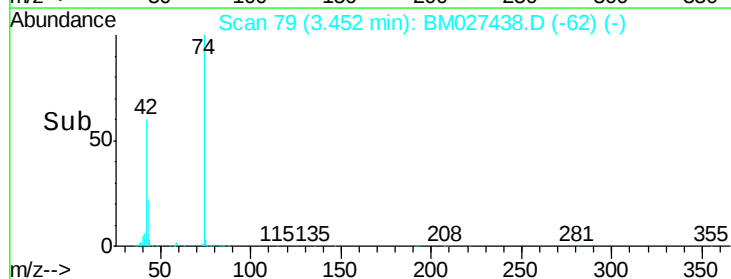
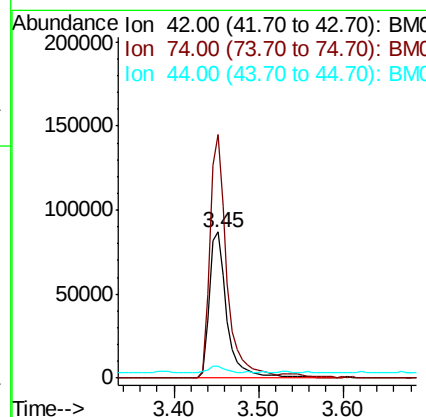
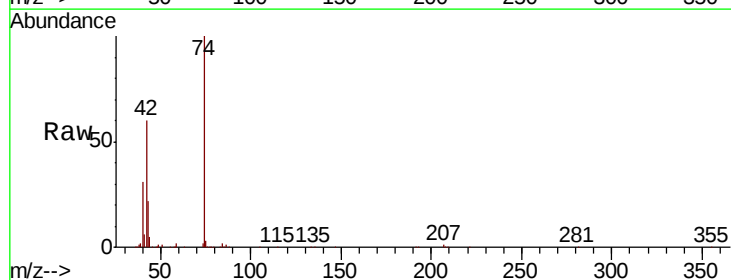
Manual Integrations
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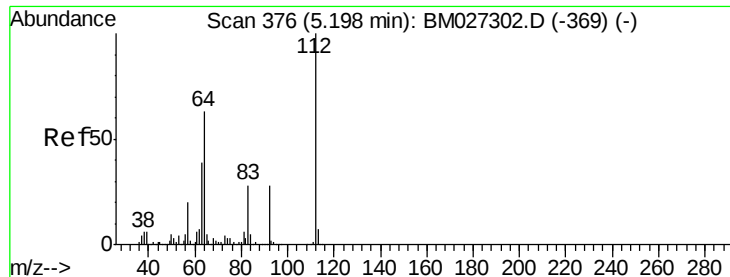
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#4
 n-Nitrosodimethylamine
 Concen: 40.294 ng
 RT: 3.45 min Scan# 79
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.9	127.8	191.6
44	8.4	4.1	6.1





#5

2-Fluorophenol

Concen: 83.528 ng

RT: 5.18 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

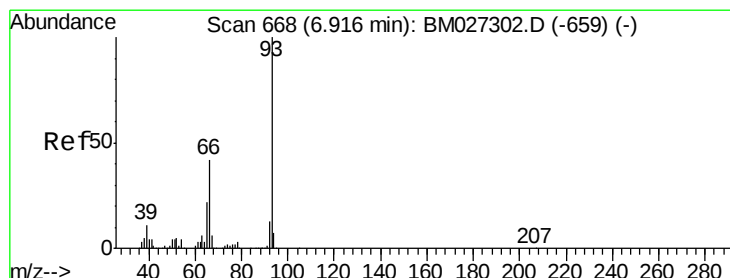
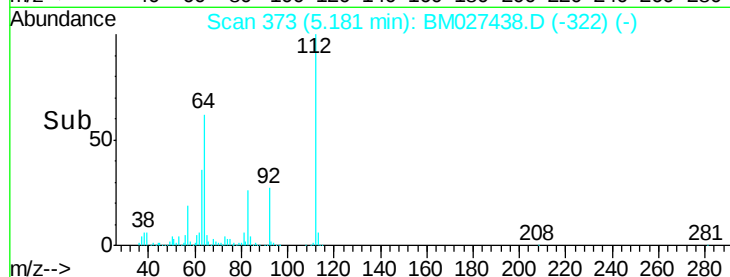
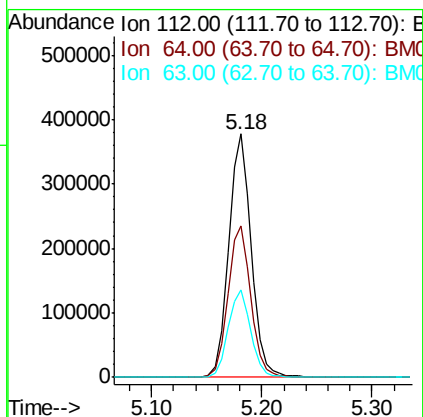
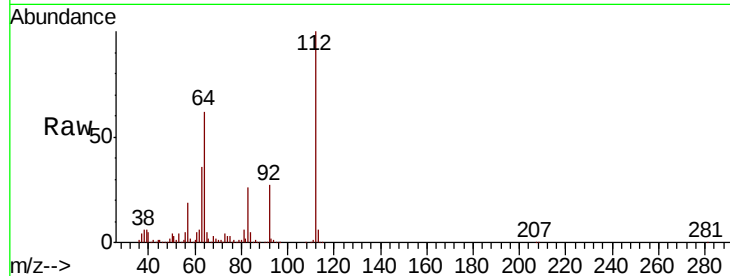
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	539828
Ion Ratio	Lower	Upper	
112	100		
64	62.4	50.6	76.0
63	35.7	31.0	46.6

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#6

Aniline

Concen: 39.765 ng

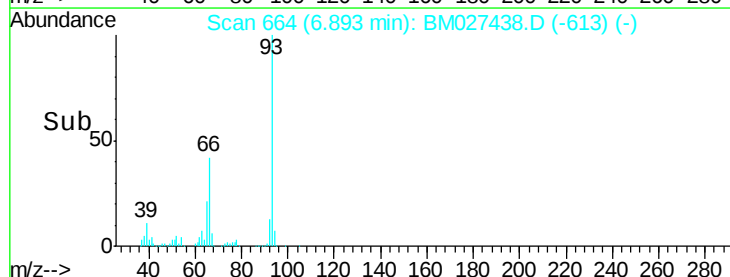
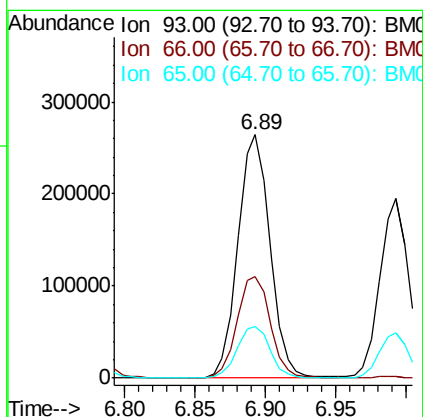
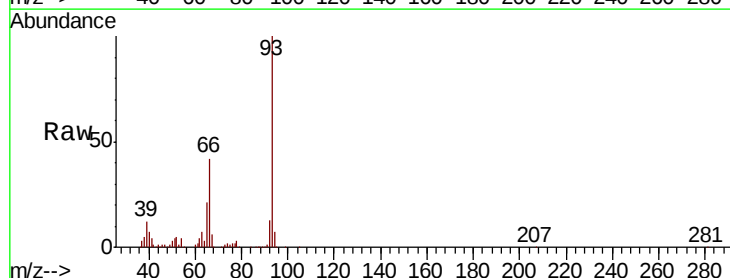
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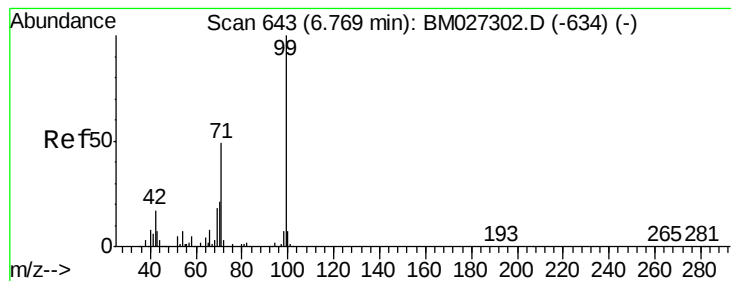
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	93	Resp:	421550
Ion Ratio	Lower	Upper	
93	100		
66	41.9	33.3	49.9
65	21.1	17.4	26.0





#7

Phenol-d6

Concen: 79.873 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

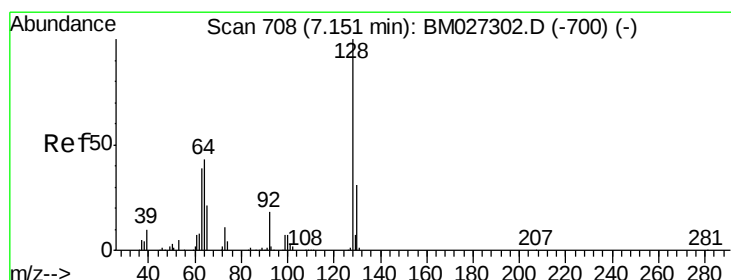
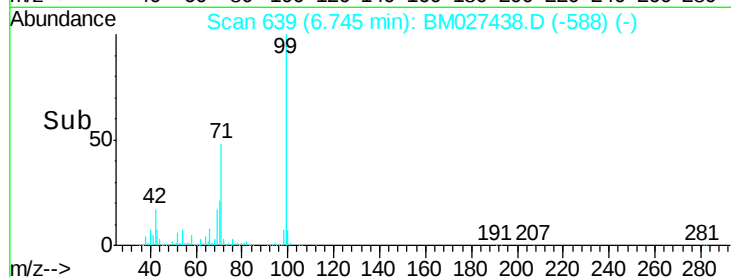
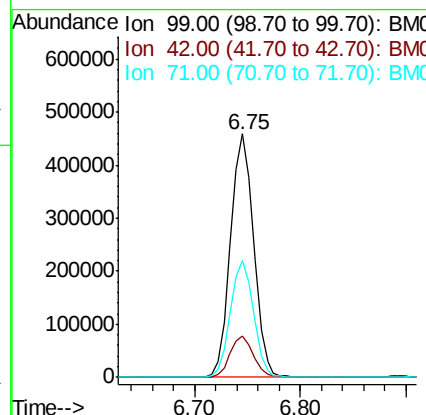
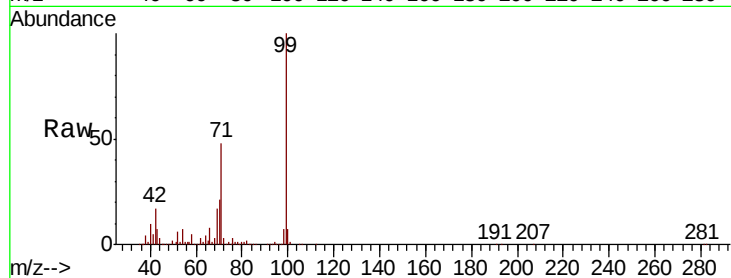
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		696598		
42	16.9	13.5	20.3		
71	48.0	39.4	59.0		

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#8

2-Chlorophenol

Concen: 40.551 ng

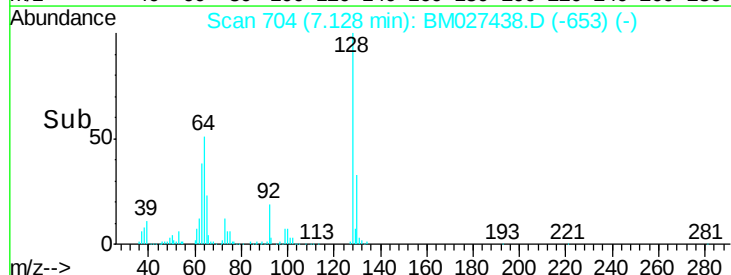
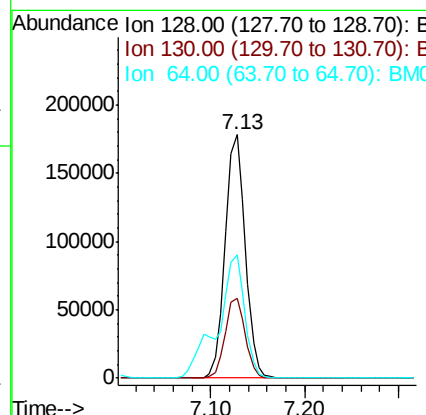
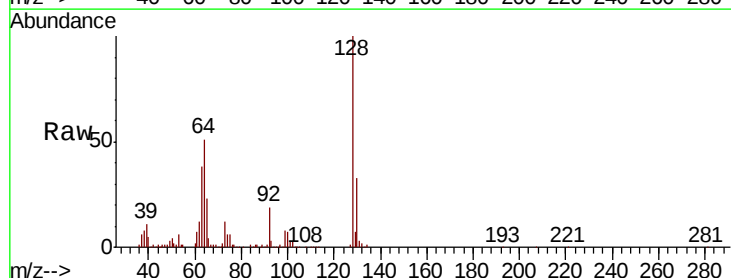
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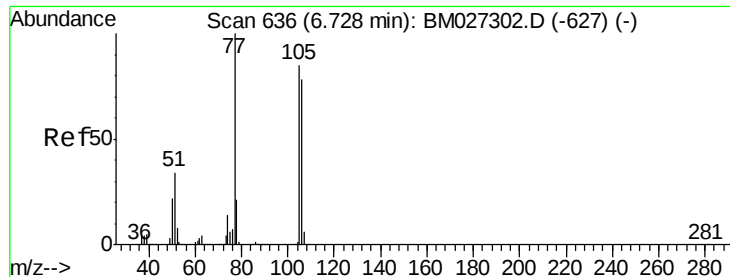
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		266794		
130	32.7	11.5	51.5		
64	50.7	30.1	70.1		





#9

Benzaldehyde

Concen: 36.270 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

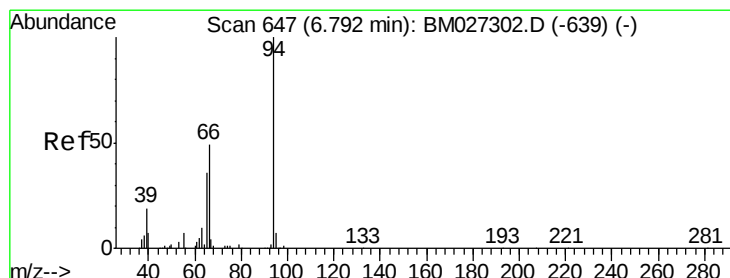
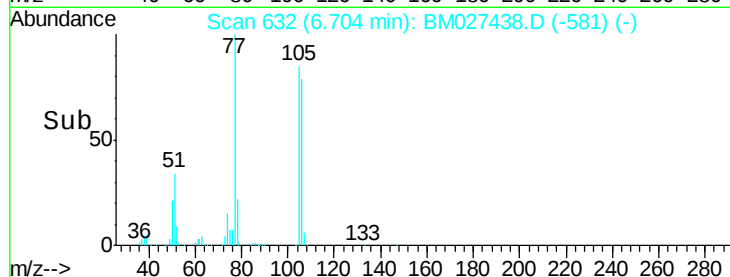
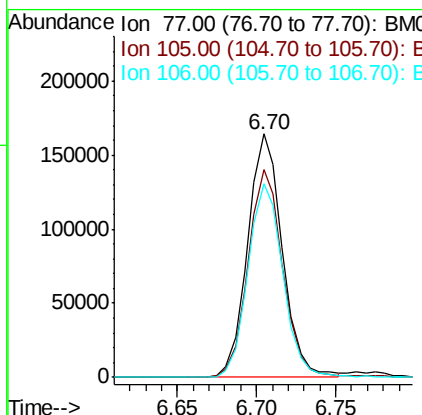
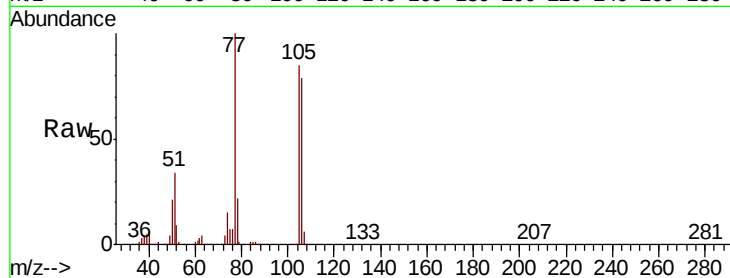
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	248863
Ion Ratio	Lower	Upper	
77	100		
105	85.3	64.7	104.7
106	79.3	57.5	97.5

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#10

Phenol

Concen: 40.024 ng

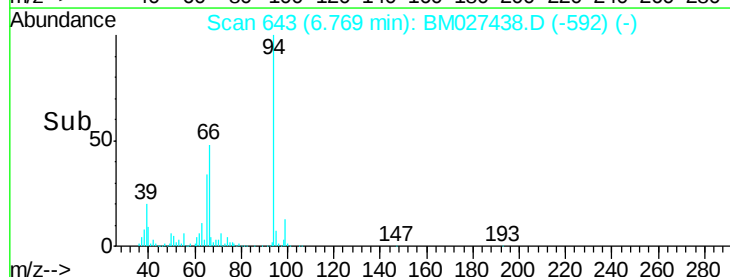
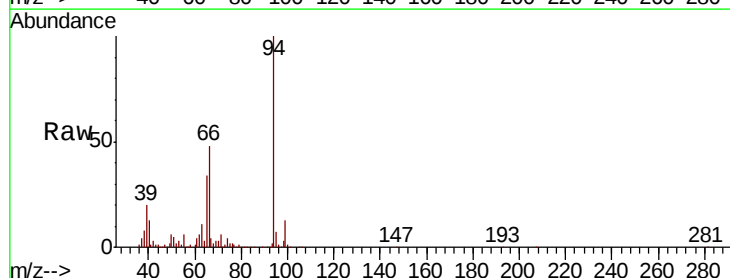
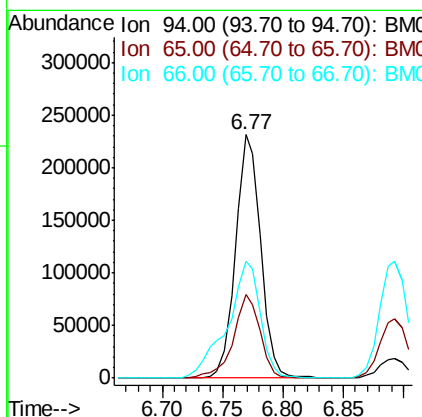
RT: 6.77 min Scan# 643

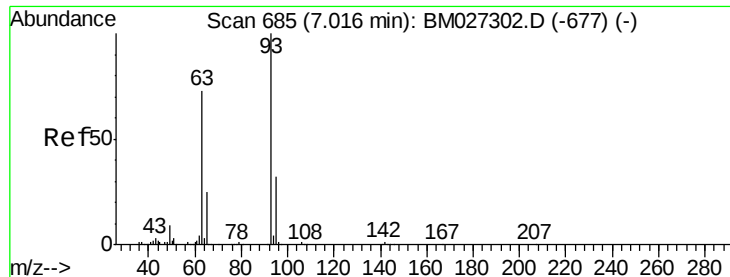
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	94	Resp:	335419
Ion Ratio	Lower	Upper	
94	100		
65	34.4	16.4	56.4
66	48.1	30.2	70.2





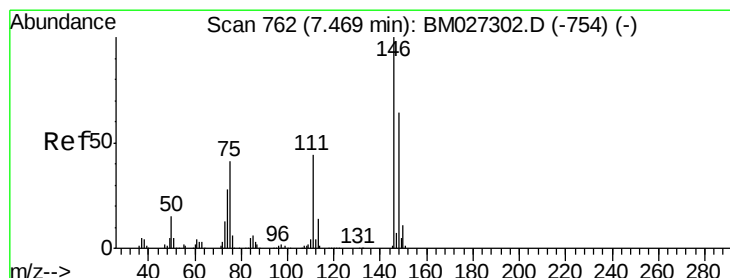
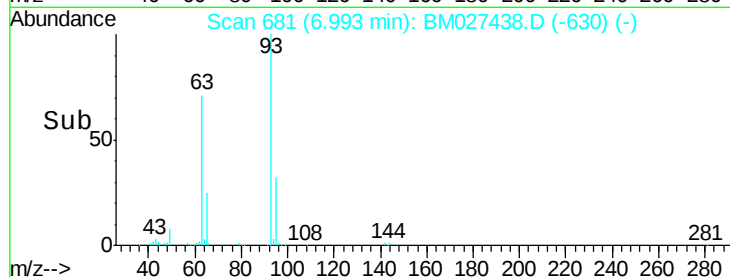
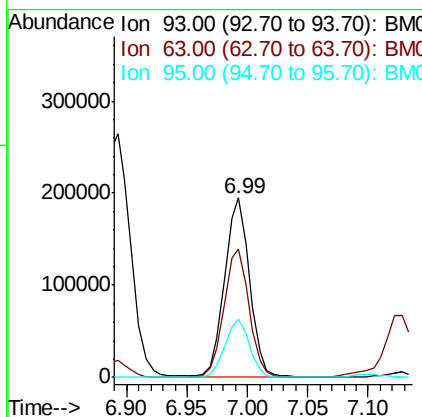
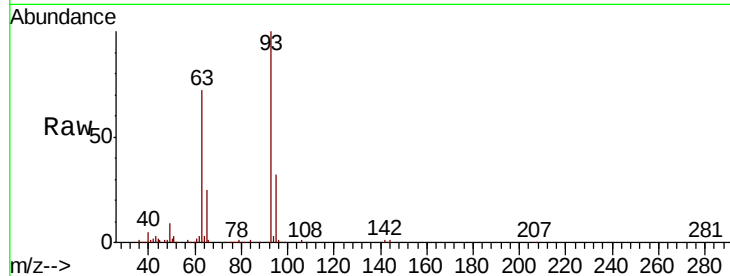
#11
bis(2-Chloroethyl)ether
Concen: 39.880 ng
RT: 6.99 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	281250
Ion Ratio	Lower	Upper	
93	100		
63	71.9	53.1	93.1
95	32.4	12.1	52.1

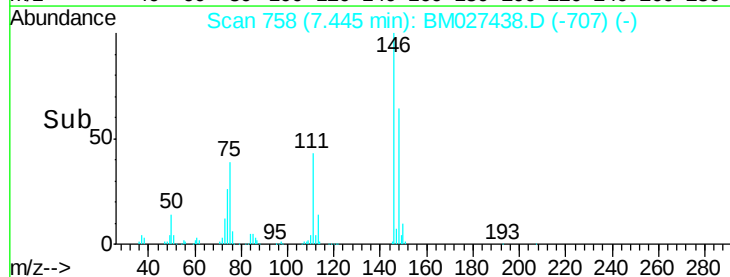
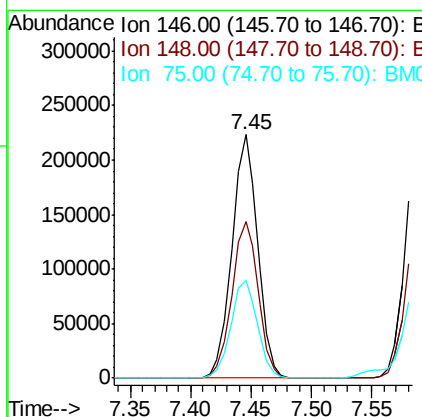
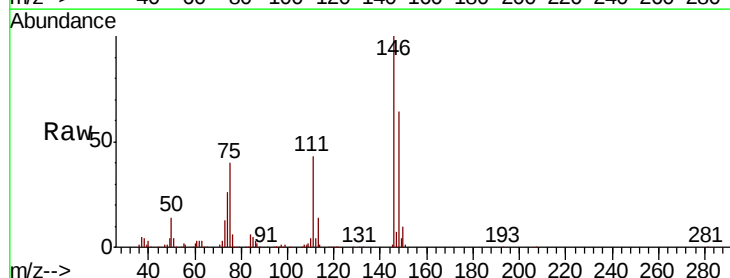
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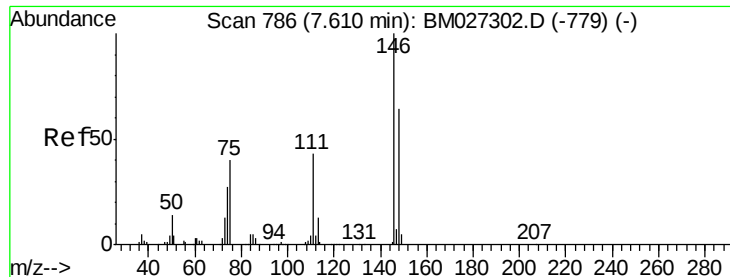
mohammad
9/18/2020 11:29:07 AM



#12
1,3-Dichlorobenzene
Concen: 40.486 ng
RT: 7.45 min Scan# 758
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion:	146	Resp:	331553
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.6	77.4
75	40.0	33.0	49.6





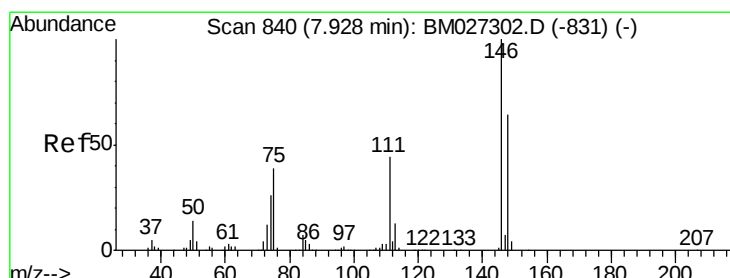
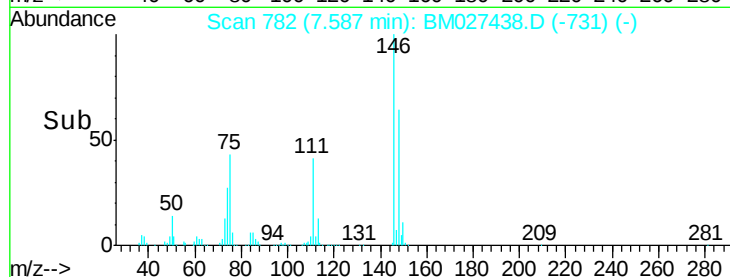
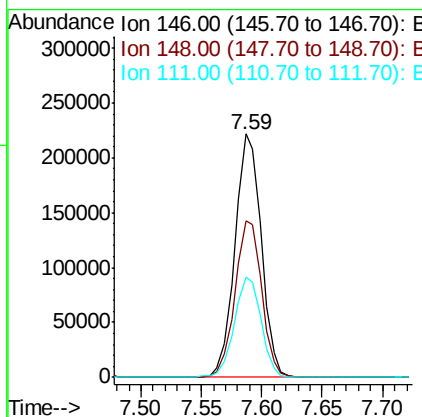
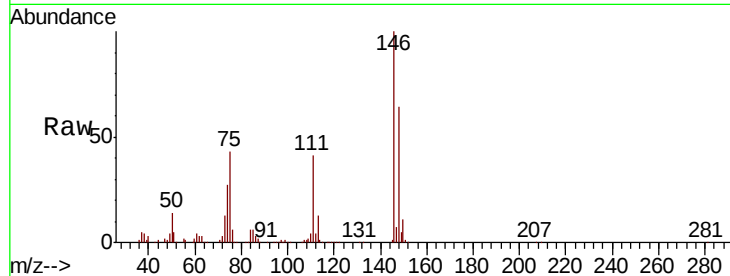
#13
 1,4-Dichlorobenzene
 Concen: 40.994 ng
 RT: 7.59 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	41.4	34.4	51.6

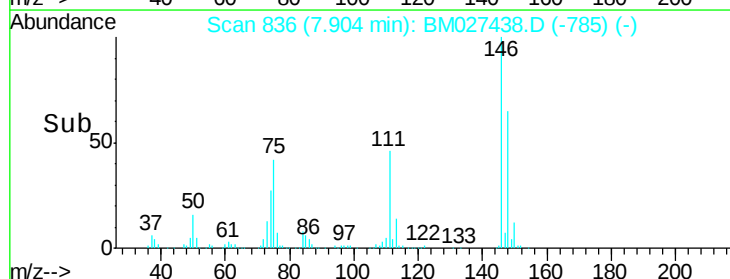
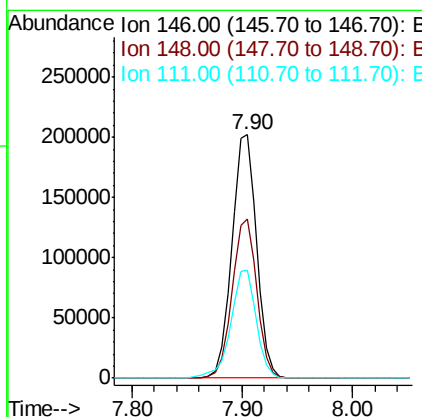
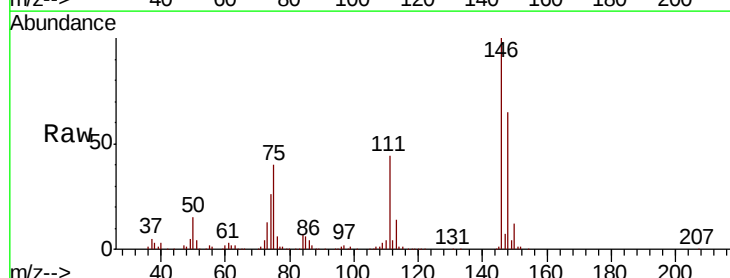
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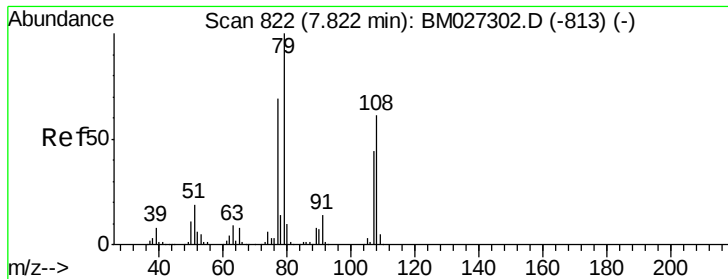
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.147 ng
 RT: 7.90 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.3	76.9
111	44.1	35.4	53.0





#15

Benzyl Alcohol

Concen: 37.525 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

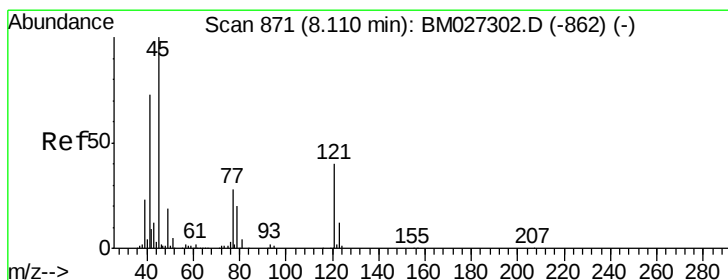
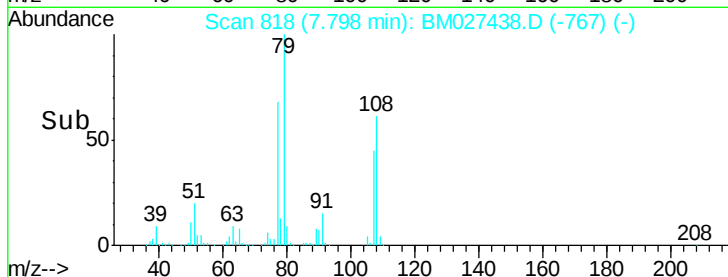
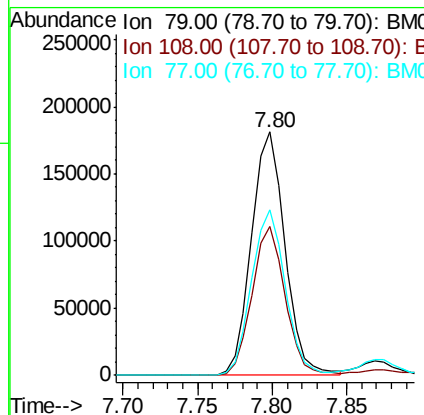
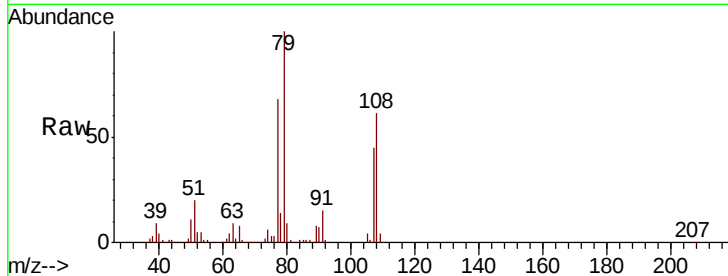
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	281257
Ion Ratio	Lower	Upper	
79	100		
108	61.1	49.0	73.4
77	68.0	55.2	82.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.153 ng

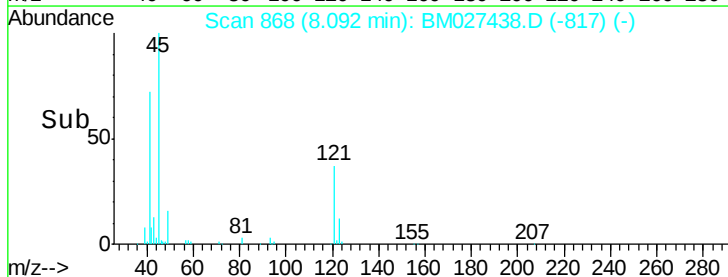
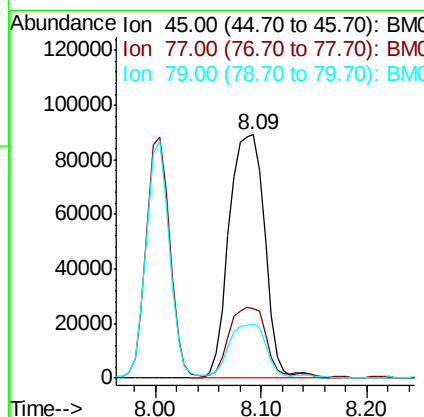
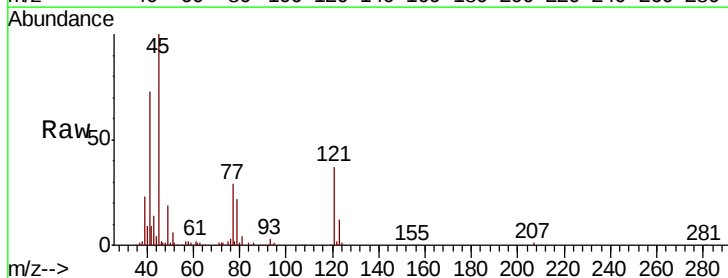
RT: 8.09 min Scan# 868

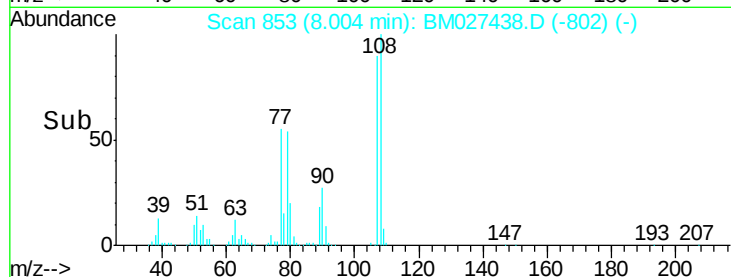
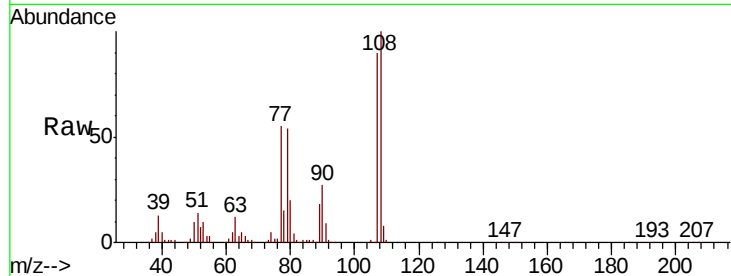
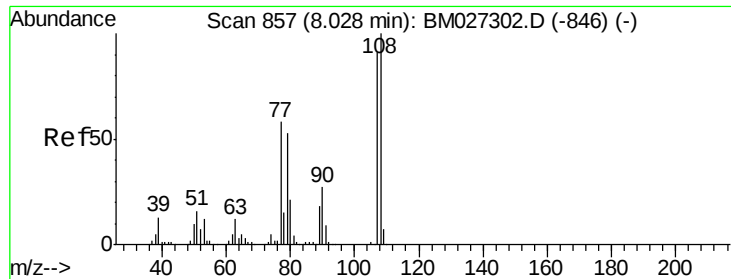
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	45	Resp:	209111
Ion Ratio	Lower	Upper	
45	100		
77	28.5	9.5	49.5
79	22.5	1.8	41.8





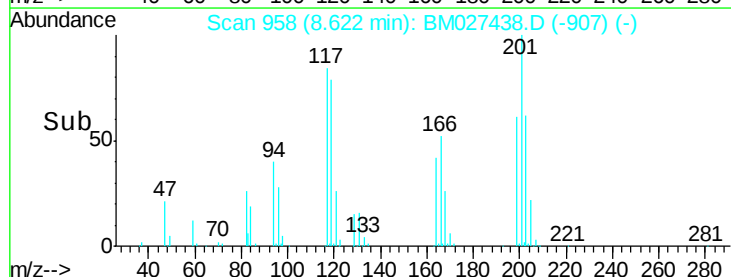
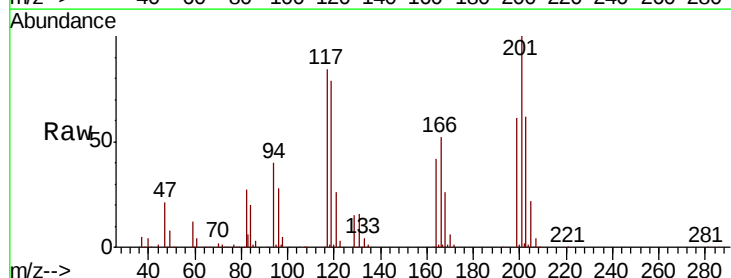
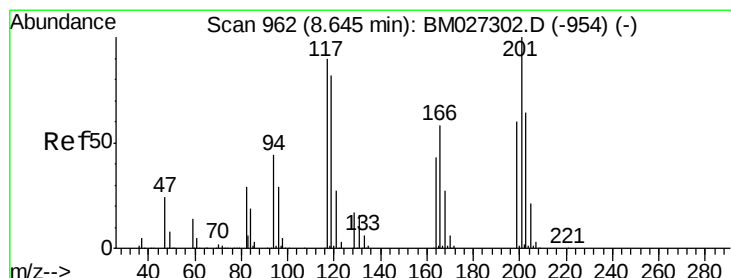
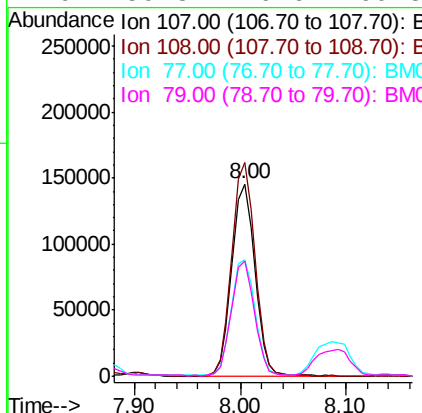
#17
2-Methylphenol
Concen: 38.657 ng
RT: 8.00 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	87.8	131.6	
77	60.8	50.9	76.3	
79	59.8	46.6	69.8	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

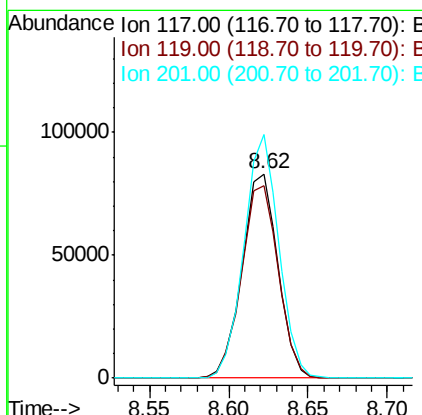
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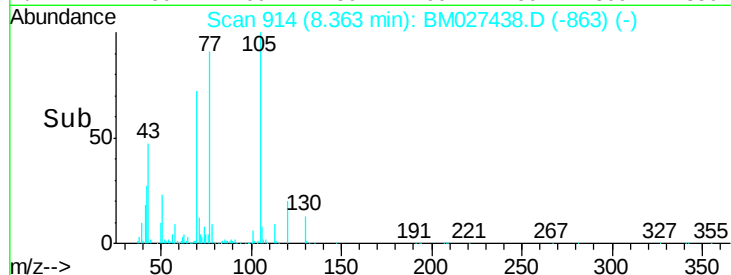
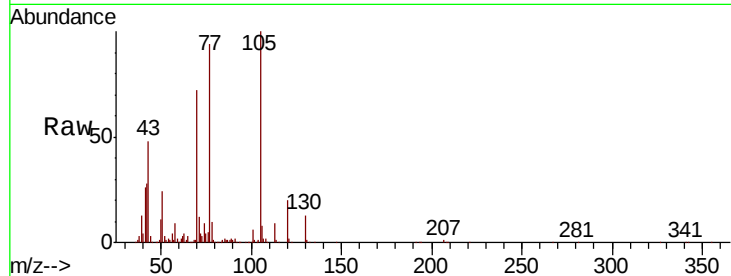
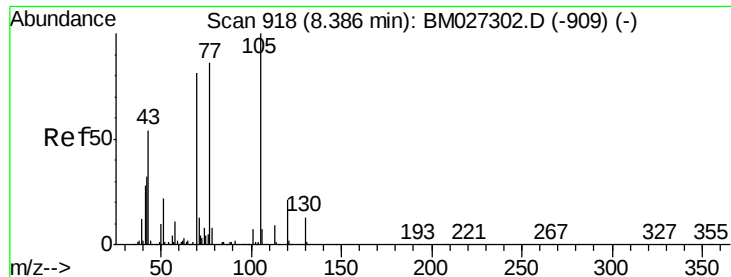
mohammad
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#18
Hexachloroethane
Concen: 39.518 ng
RT: 8.62 min Scan# 958
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	73.1	109.7	
201	119.4	88.7	133.1	





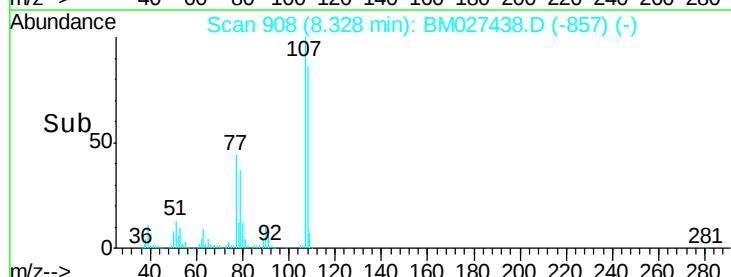
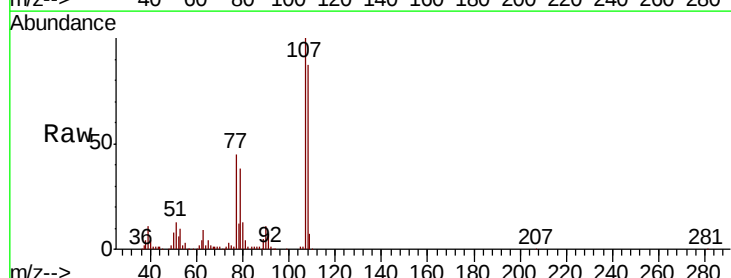
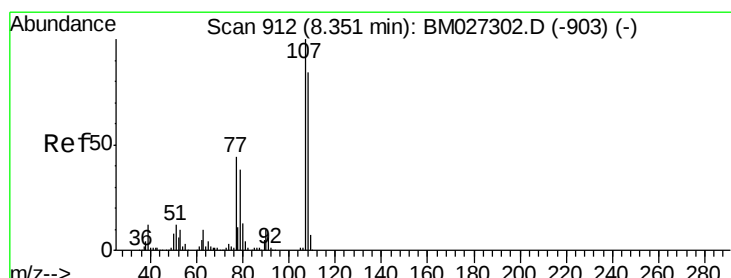
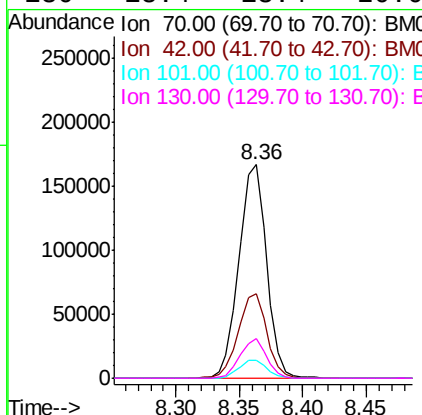
#19
n-Nitroso-di-n-propylamine
Concen: 36.386 ng
RT: 8.36 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.3	31.9	47.9
101	8.7	7.0	10.4
130	18.4	13.4	20.0

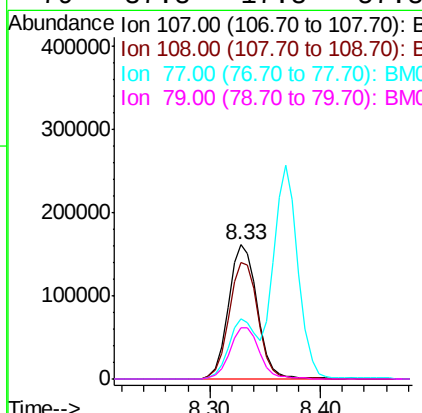
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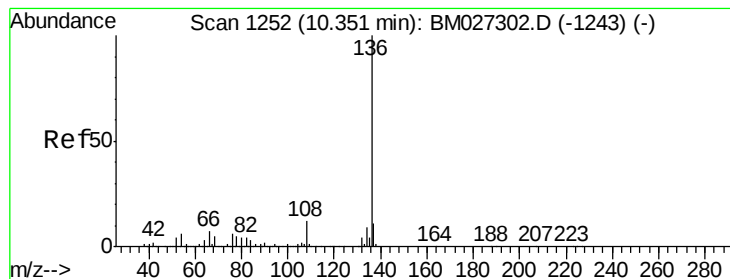
mohammad
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#20
3+4-Methylphenols
Concen: 37.888 ng
RT: 8.33 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	64.5	104.5
77	45.1	24.2	64.2
79	37.8	17.8	57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

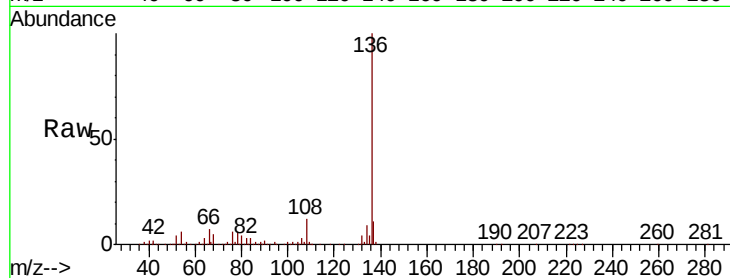
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	375437		
137	10.8		8.6	12.8
54	5.9		4.6	7.0
68	5.4		4.1	6.1

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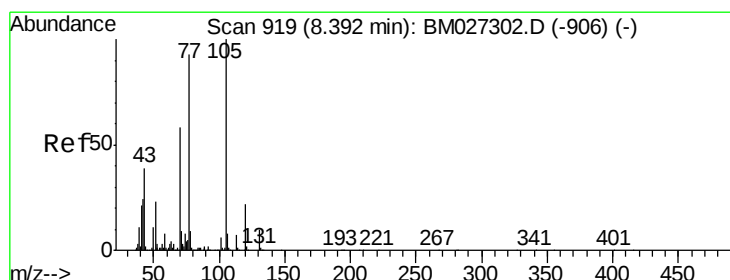
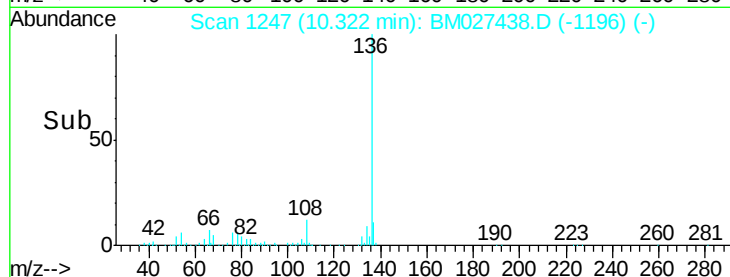
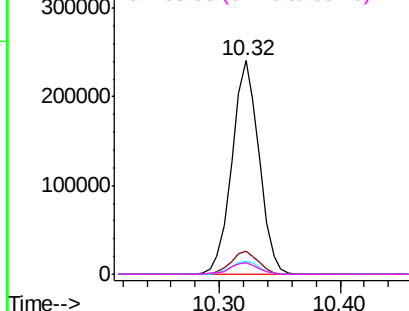


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.254 ng

RT: 8.37 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

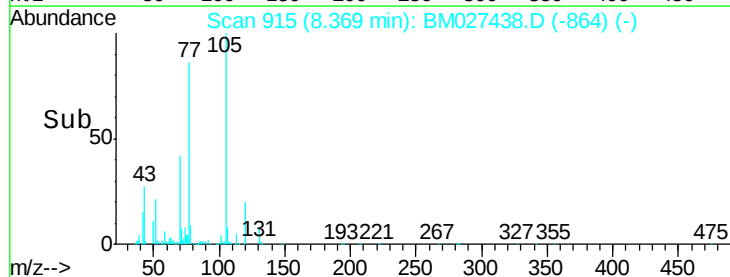
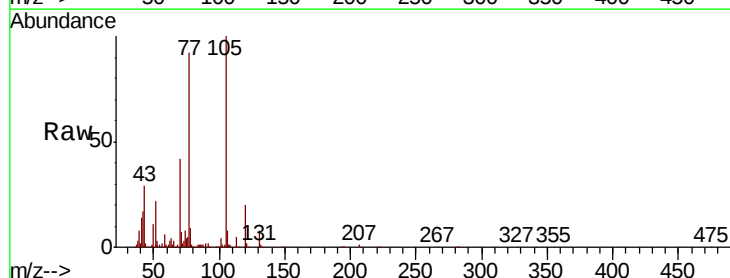
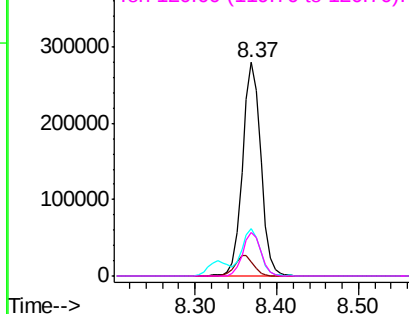
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	436033		
71	6.8		7.6	11.4#
51	22.0		18.6	28.0
120	20.2		17.3	25.9

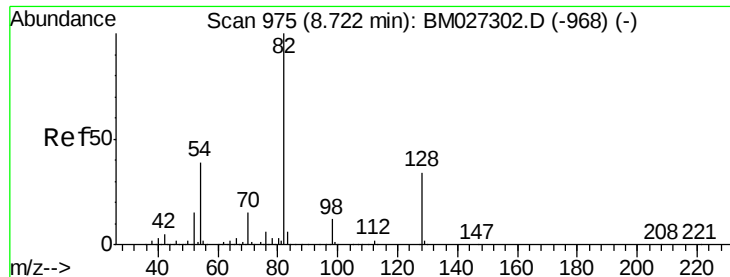
Abundance Ion 105.00 (104.70 to 105.70): E

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





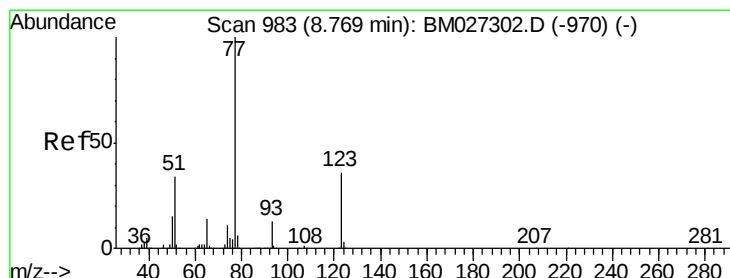
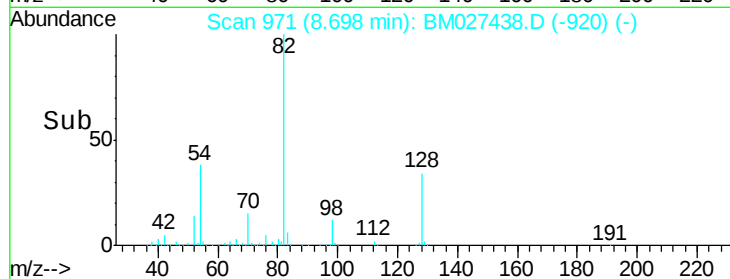
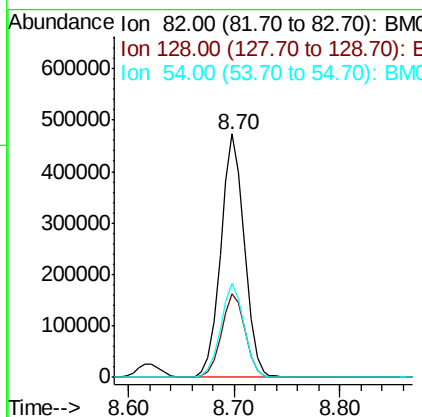
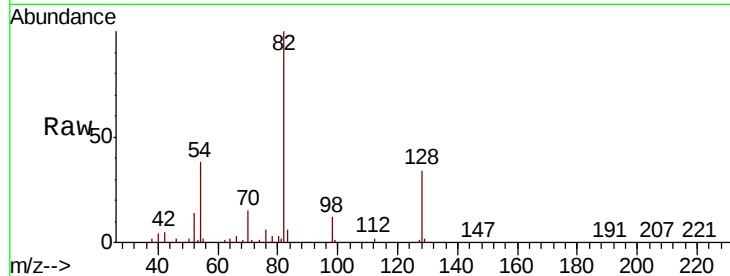
#23
Nitrobenzene-d5
Concen: 83.219 ng
RT: 8.70 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	731330
Ion Ratio	Lower	Upper	
82	100		
128	34.5	27.4	41.0
54	38.4	31.4	47.0

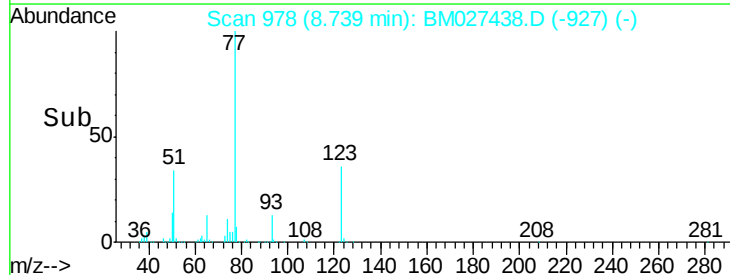
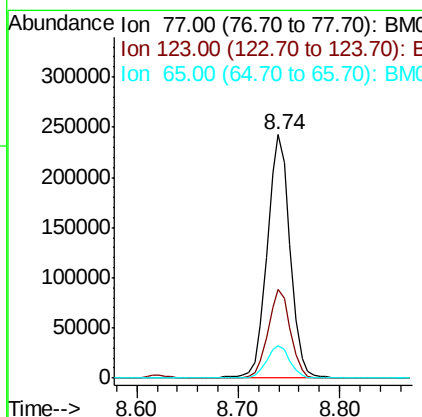
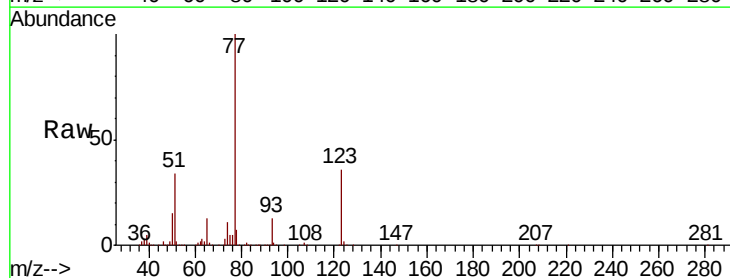
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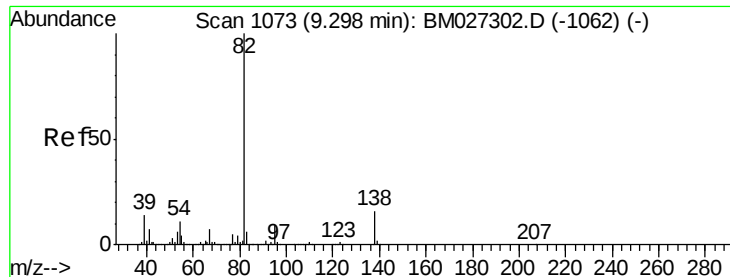
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#24
Nitrobenzene
Concen: 41.741 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	77	Resp	381874
Ion Ratio	Lower	Upper	
77	100		
123	36.2	29.1	43.7
65	13.4	11.3	16.9





#25

Isophorone

Concen: 39.785 ng

RT: 9.27 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

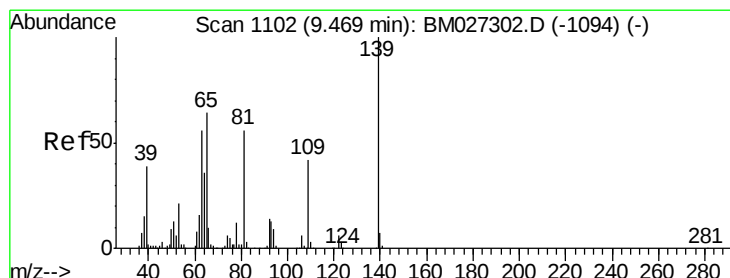
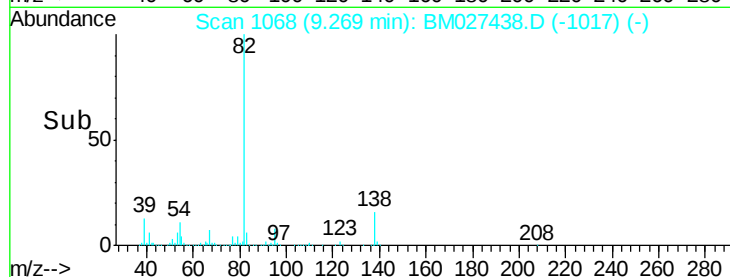
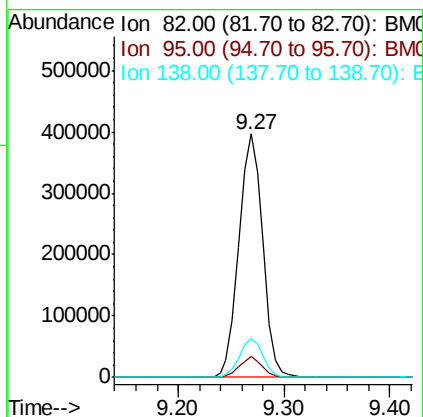
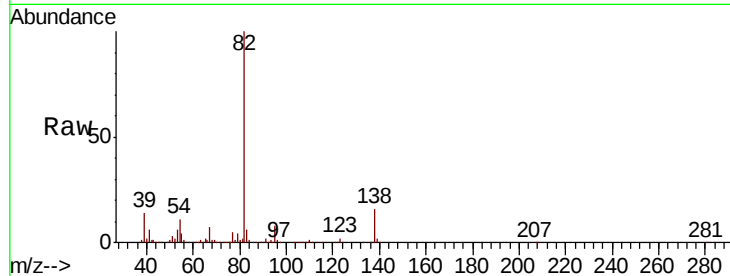
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	615088
Ion Ratio		Lower	Upper
82	100		
95	8.5	6.8	10.2
138	15.7	13.1	19.7

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#26

2-Nitrophenol

Concen: 41.549 ng

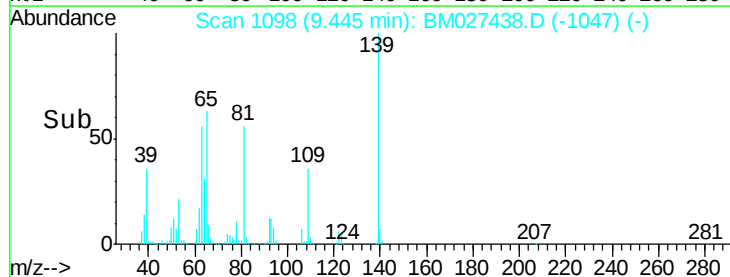
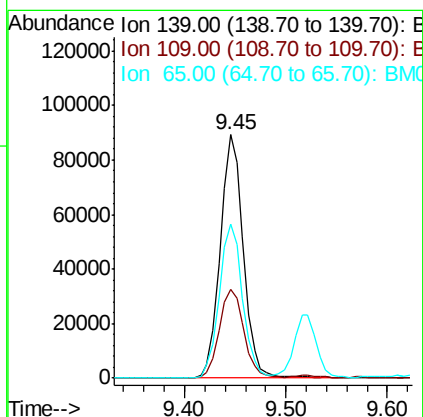
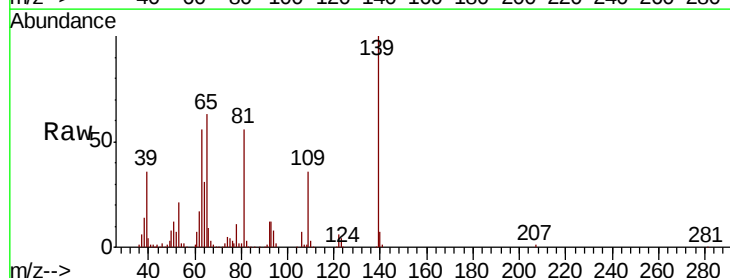
RT: 9.45 min Scan# 1098

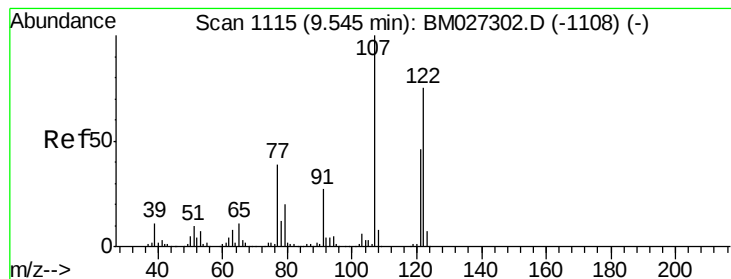
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	139	Resp:	141102
Ion Ratio		Lower	Upper
139	100		
109	36.4	33.8	50.8
65	63.2	51.0	76.6





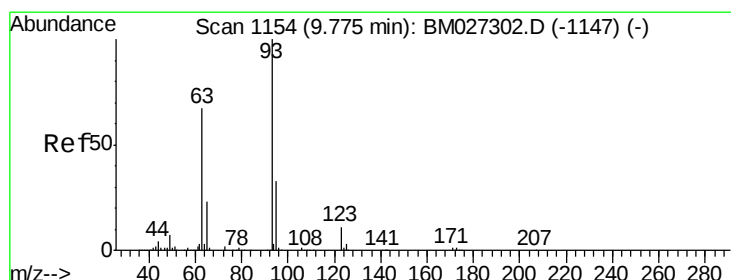
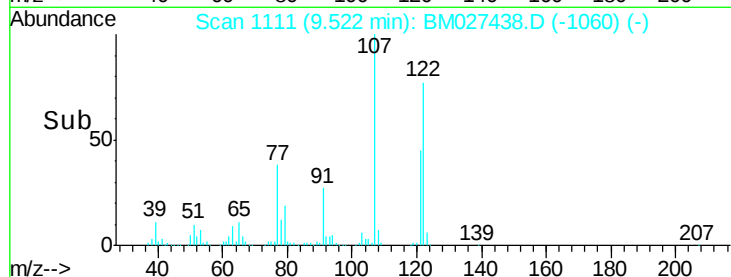
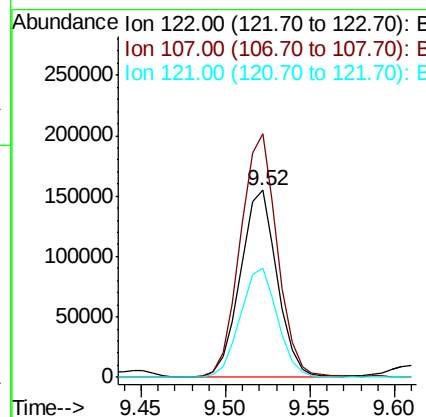
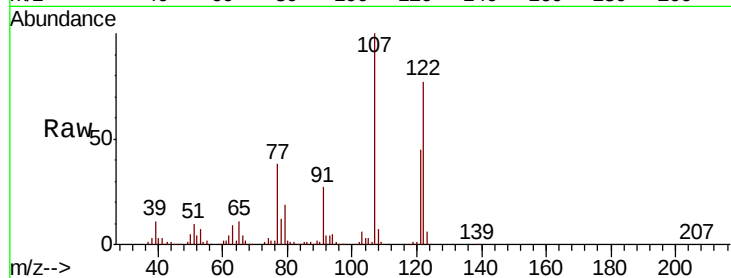
#27
2,4-Dimethylphenol
Concen: 40.351 ng
RT: 9.52 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.1	106.6	159.8
121	58.5	48.8	73.2

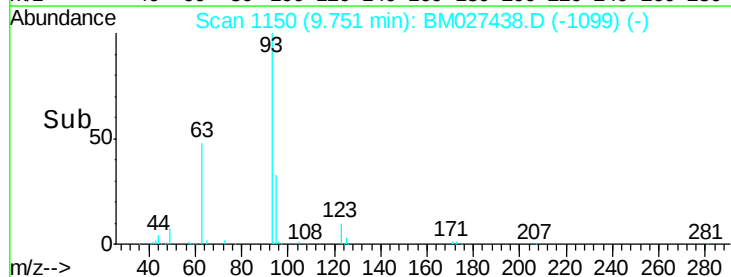
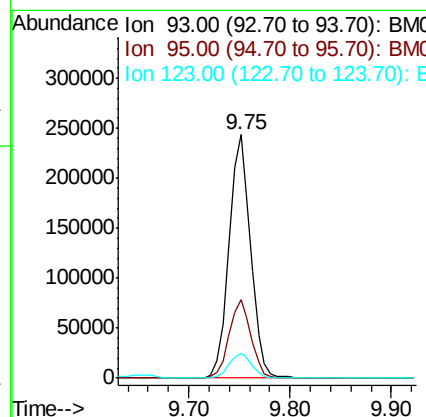
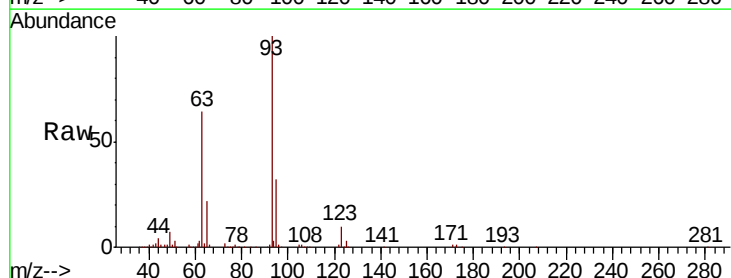
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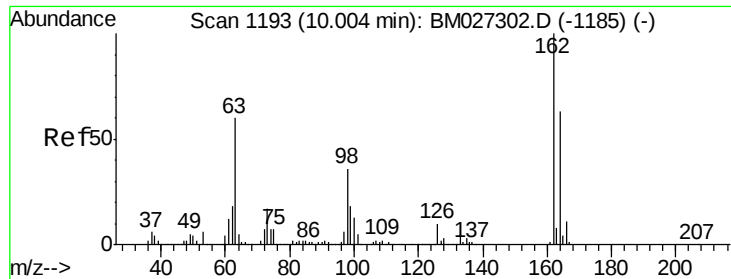
mohammad
9/18/2020 11:29:07 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.482 ng
RT: 9.75 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	10.2	8.6	12.8





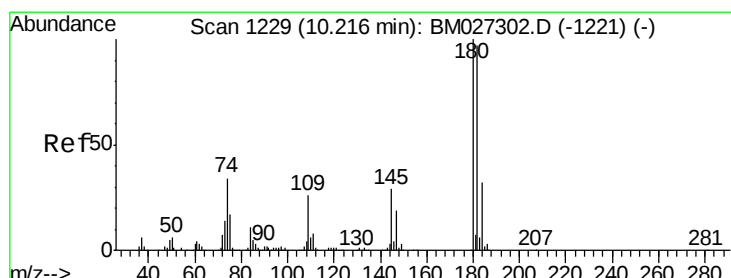
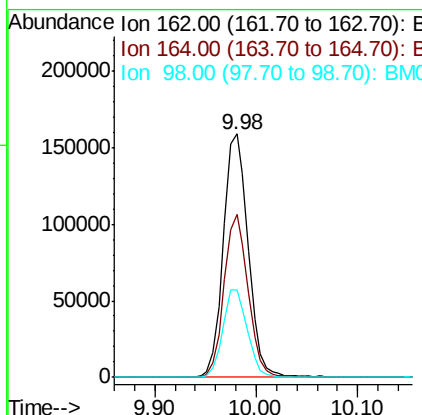
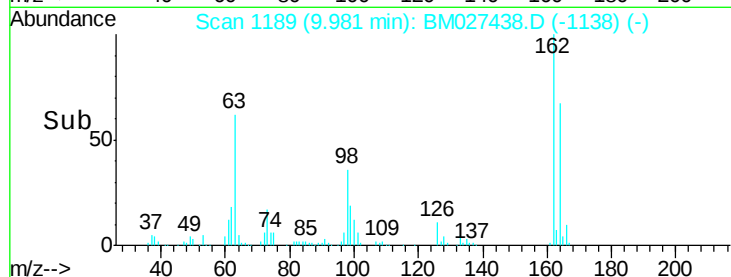
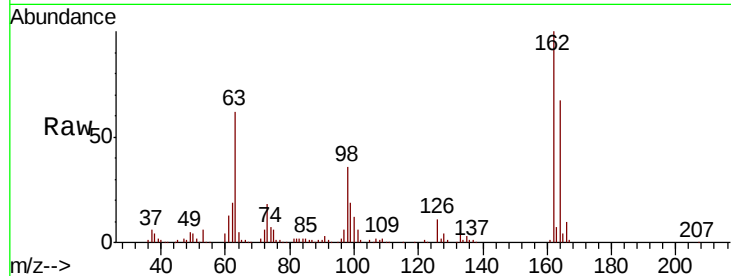
#29
2,4-Dichlorophenol
Concen: 40.458 ng
RT: 9.98 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	270175		
164	67.1	43.2	83.2	
98	36.0	15.7	55.7	

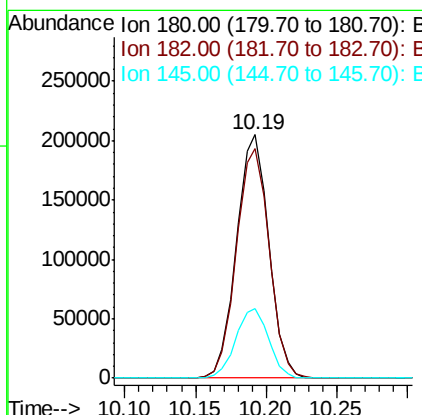
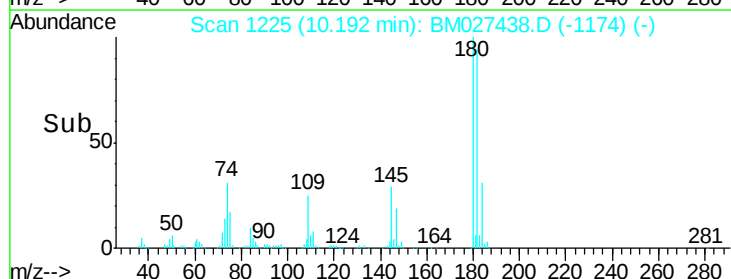
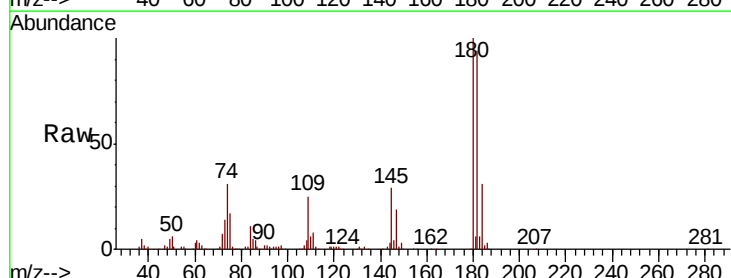
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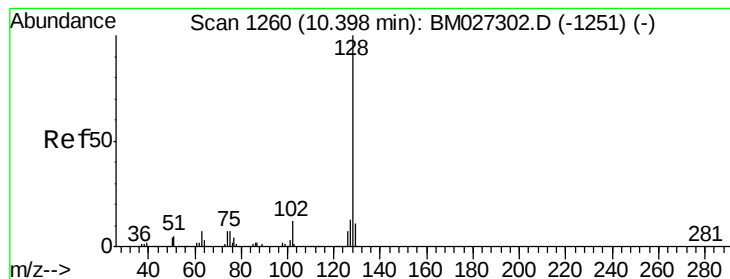
mohammad
9/18/2020 11:29:07 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.010 ng
RT: 10.19 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	326995		
182	94.4	77.7	116.5	
145	28.8	23.4	35.0	





#31

Naphthalene

Concen: 41.088 ng

RT: 10.37 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

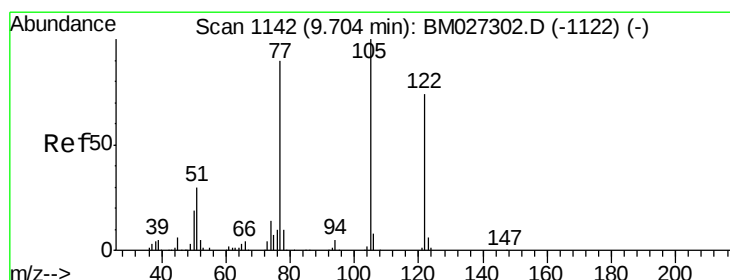
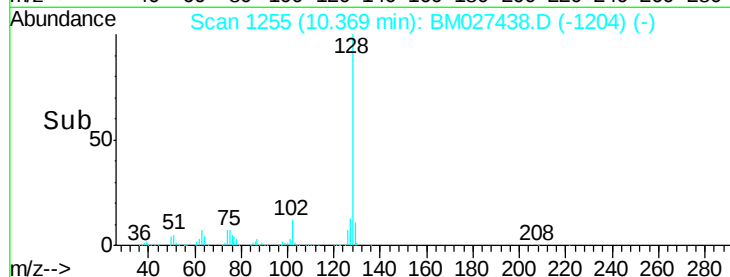
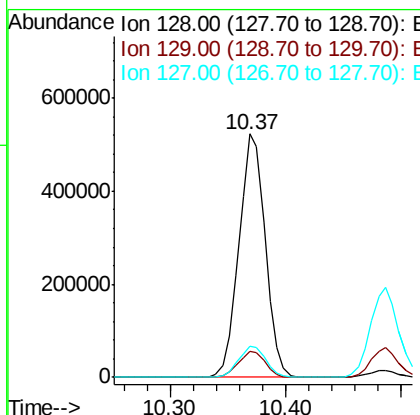
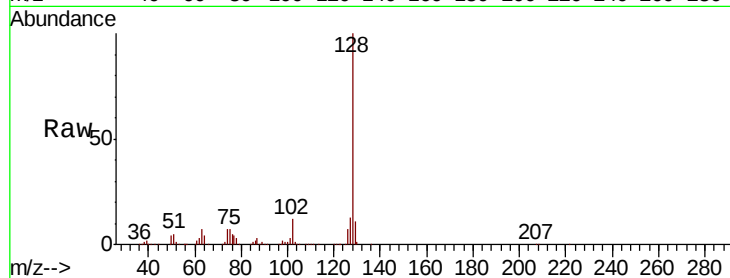
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	826315
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.0	13.4
127	12.7	10.6	15.8

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#32

Benzoic acid

Concen: 33.986 ng m

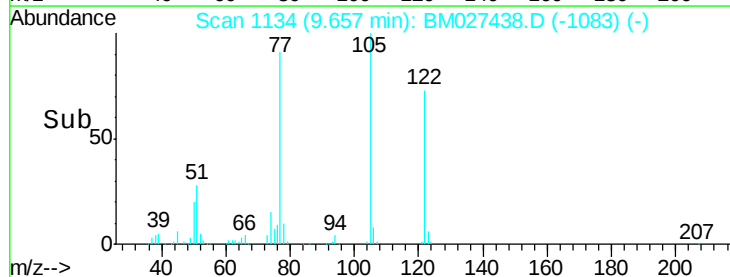
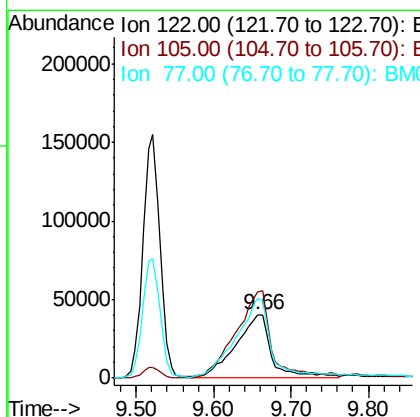
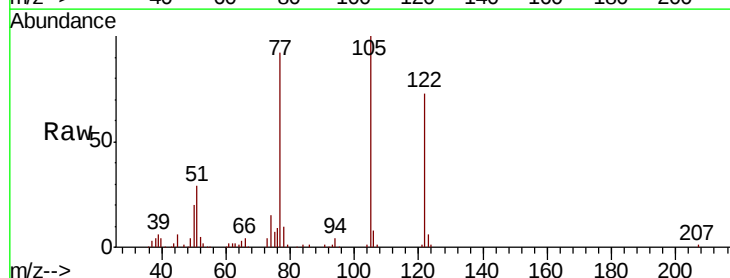
RT: 9.66 min Scan# 1134

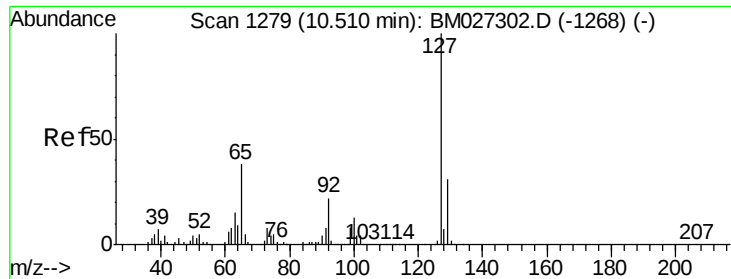
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	122	Resp:	132608
Ion Ratio	Lower	Upper	
122	100		
105	136.5	114.0	154.0
77	125.5	101.8	141.8





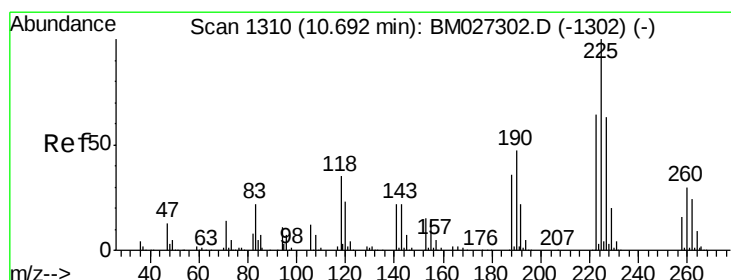
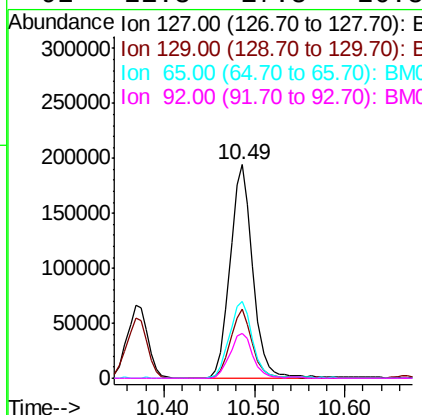
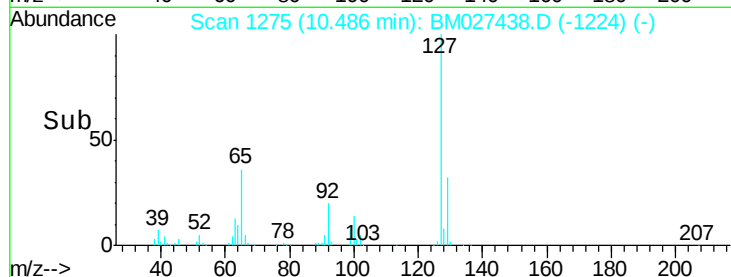
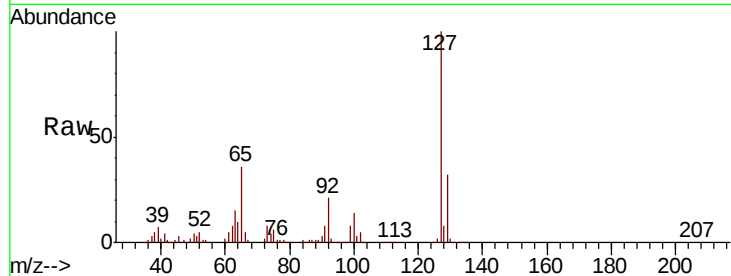
#33
4-Chloroaniline
Concen: 39.627 ng
RT: 10.49 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	24.7	37.1		
65	36.3	30.2	45.4		
92	21.3	17.8	26.8		

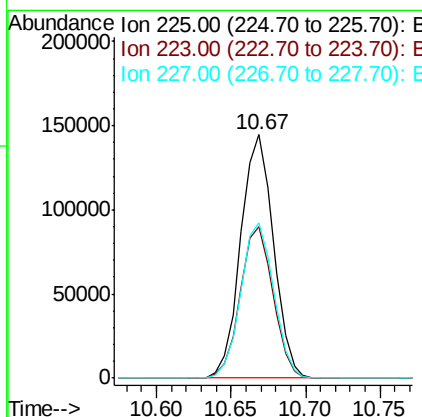
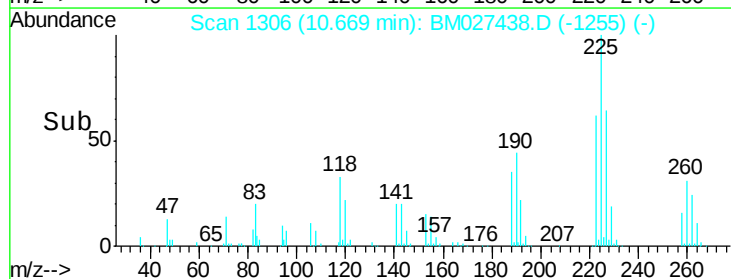
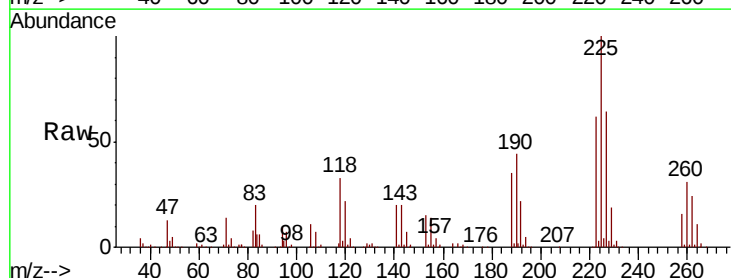
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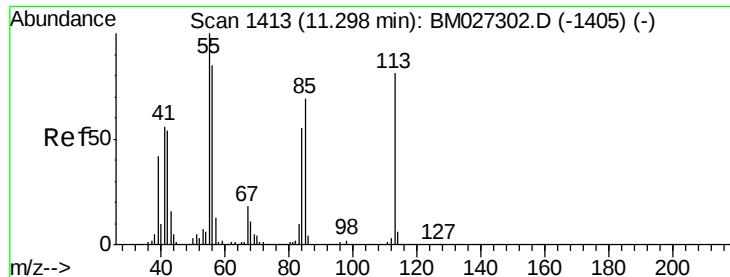
mohammad
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#34
Hexachlorobutadiene
Concen: 40.919 ng
RT: 10.67 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	51.0	76.4		
227	63.9	50.6	75.8		





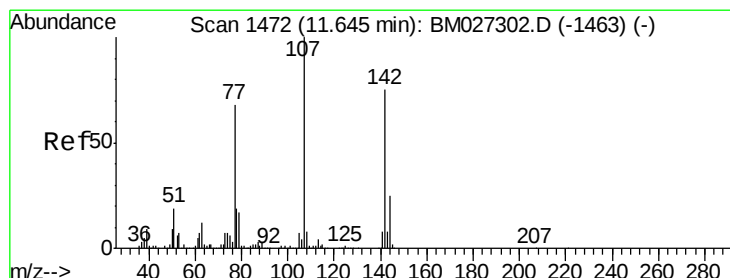
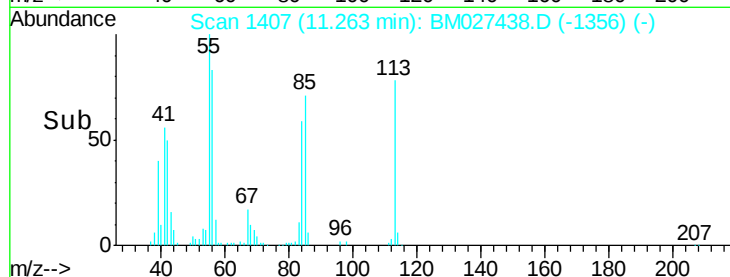
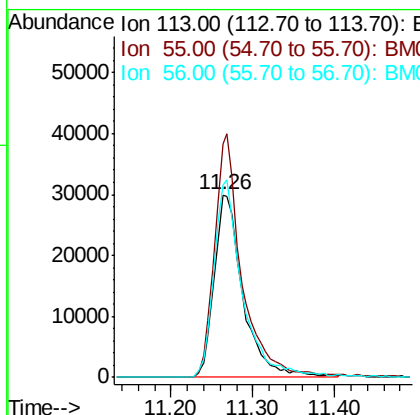
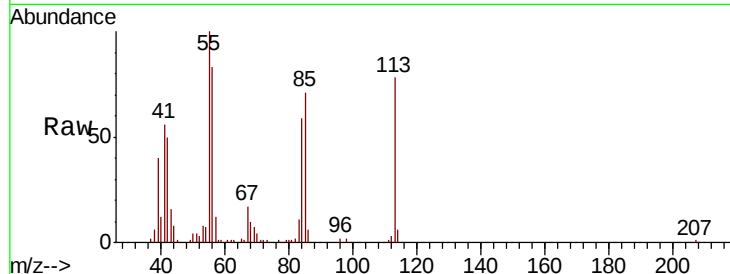
#35
Caprolactam
Concen: 37.426 ng
RT: 11.26 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	128.0	103.2	143.2
56	105.9	84.2	124.2

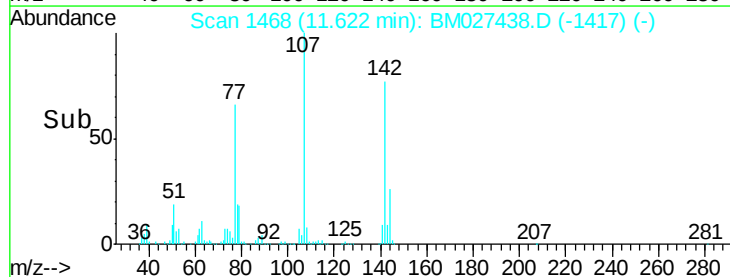
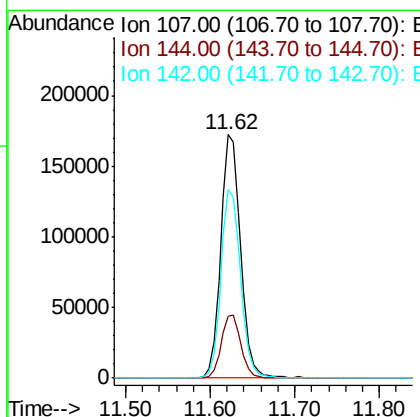
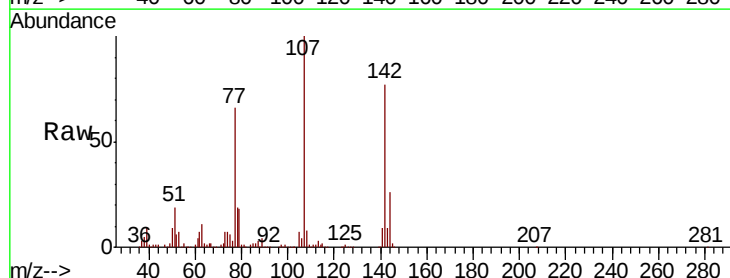
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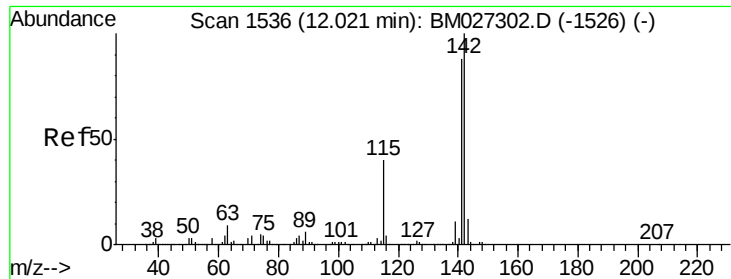
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.217 ng
RT: 11.62 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.1	30.1
142	77.4	60.3	90.5





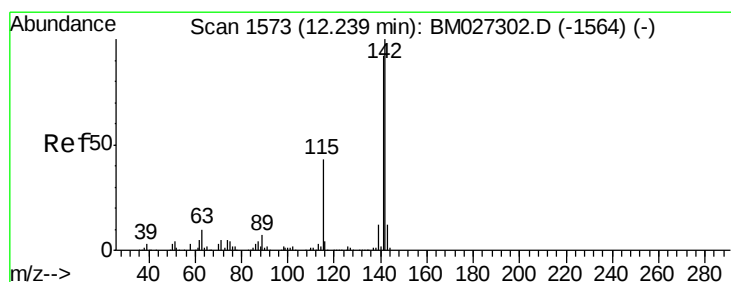
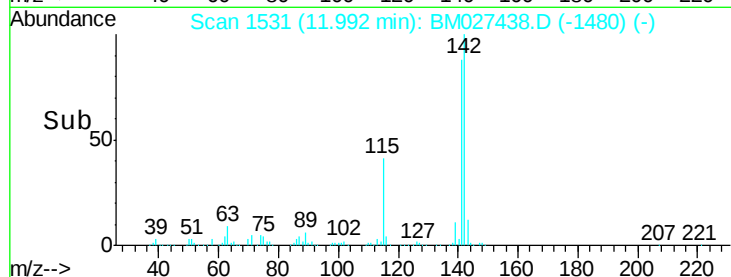
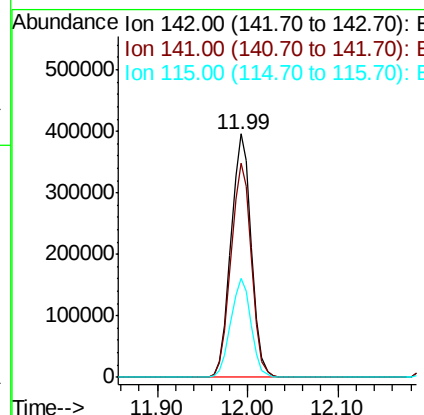
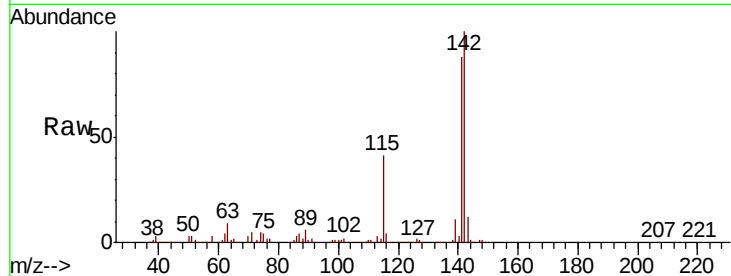
#37
2-Methylnaphthalene
Concen: 39.106 ng
RT: 11.99 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	40.7	32.2	48.4

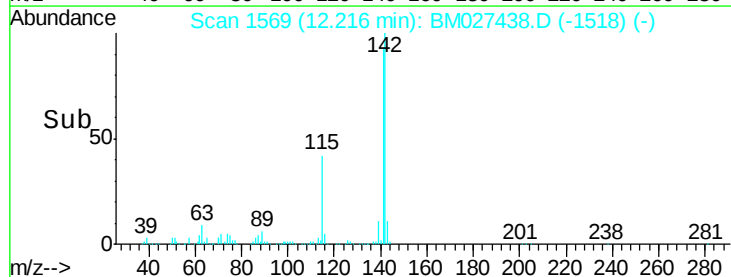
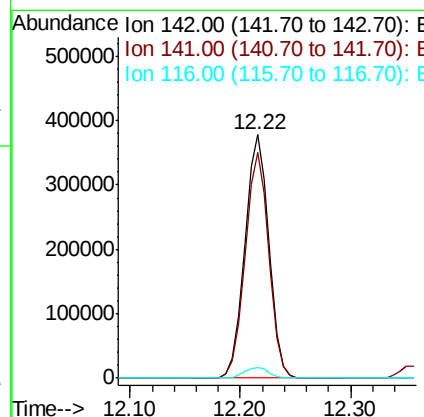
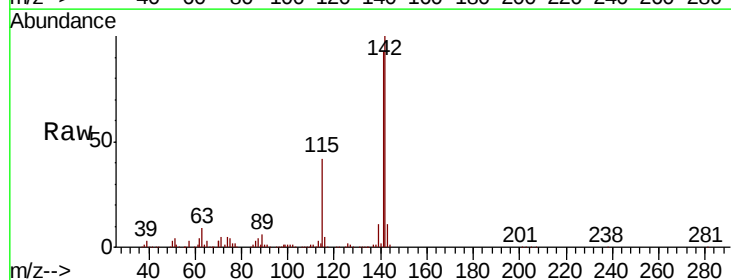
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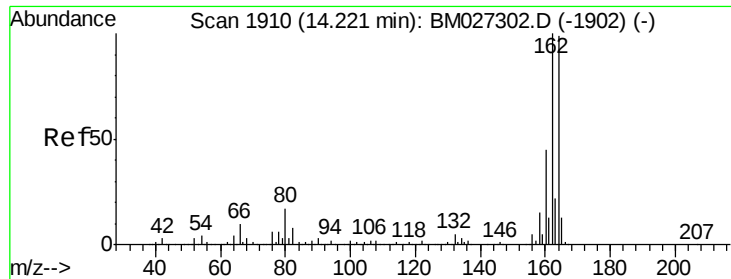
mohammad
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#38
1-Methylnaphthalene
Concen: 38.985 ng
RT: 12.22 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.6
116	4.6	3.5	5.3





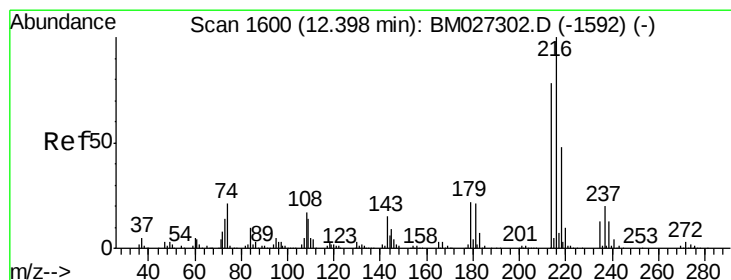
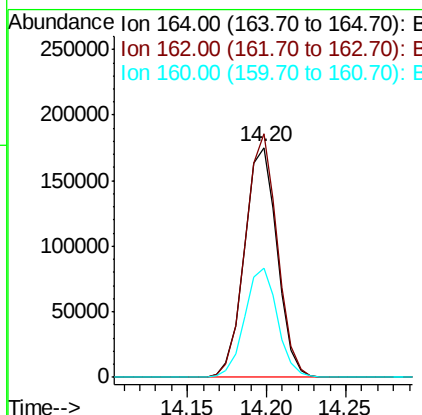
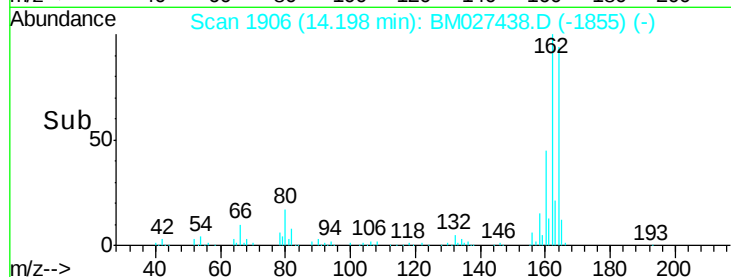
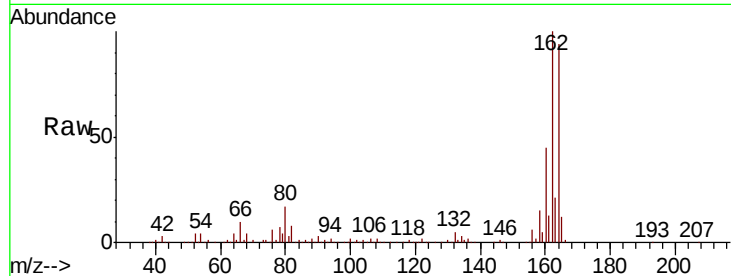
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.1	80.4	120.6	
160	47.6	35.9	53.9	

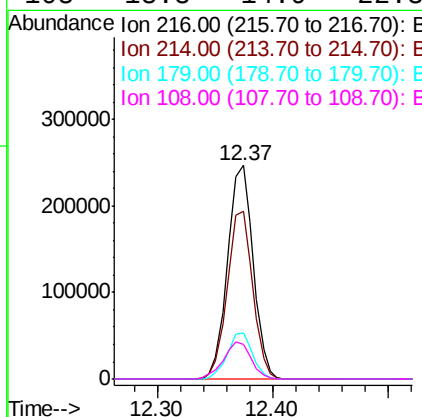
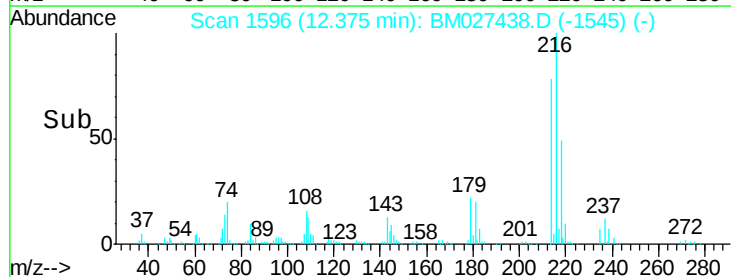
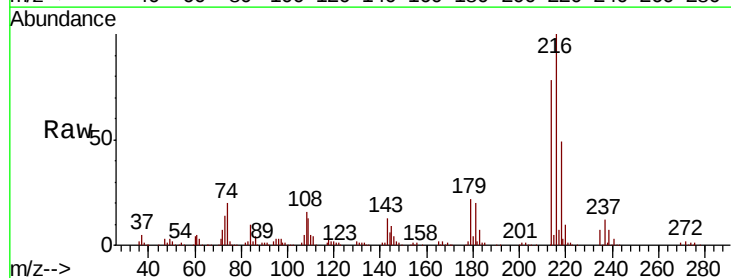
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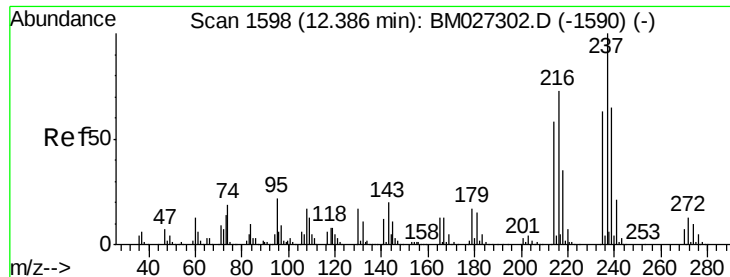
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.871 ng
RT: 12.37 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	62.1	93.1	
179	21.5	17.2	25.8	
108	18.8	14.9	22.3	





#41

Hexachlorocyclopentadiene

Concen: 41.045 ng

RT: 12.36 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

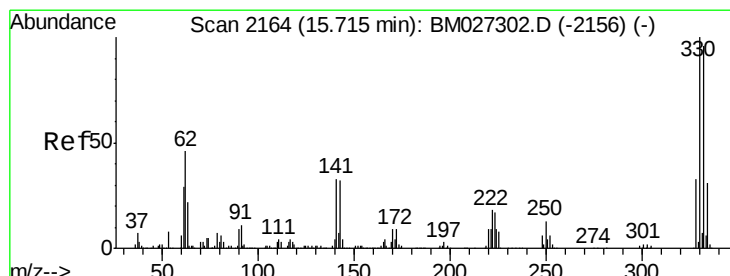
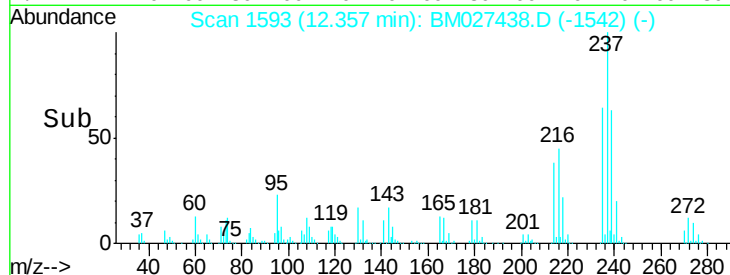
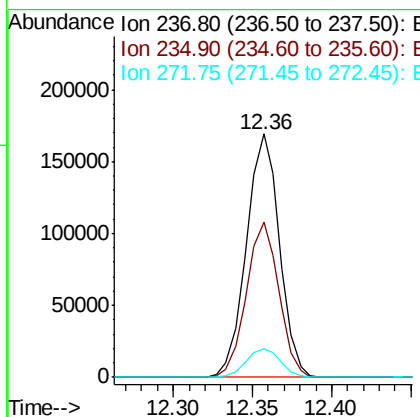
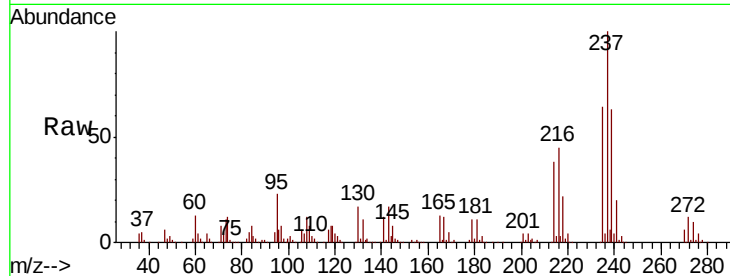
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	244706
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.1	83.1
272	12.0	0.0	33.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 80.193 ng

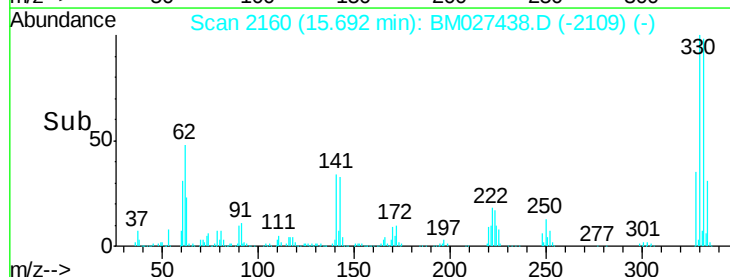
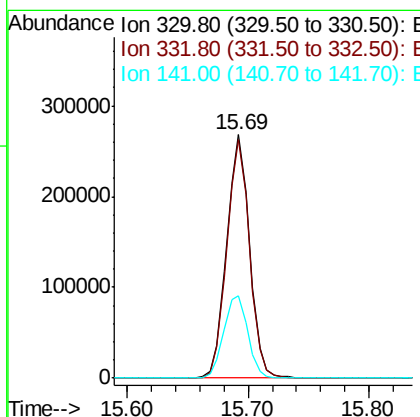
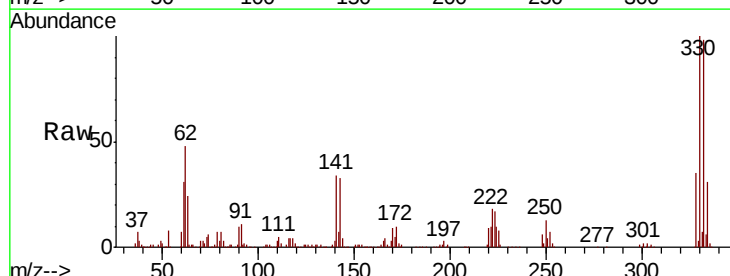
RT: 15.69 min Scan# 2160

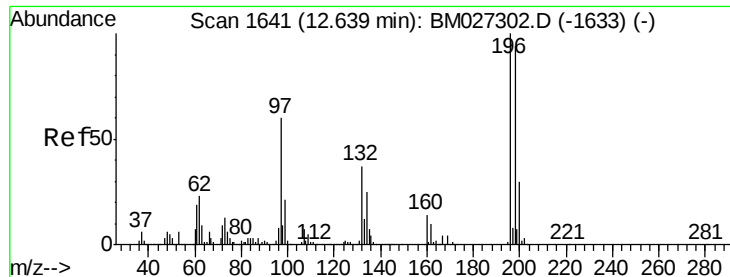
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	330	Resp:	353796
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.8	116.8
141	35.7	28.4	42.6





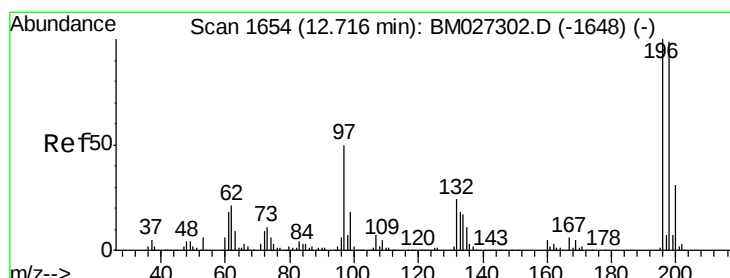
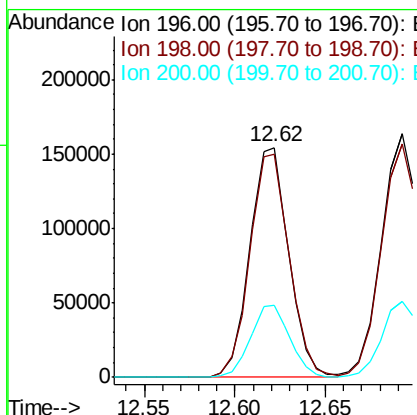
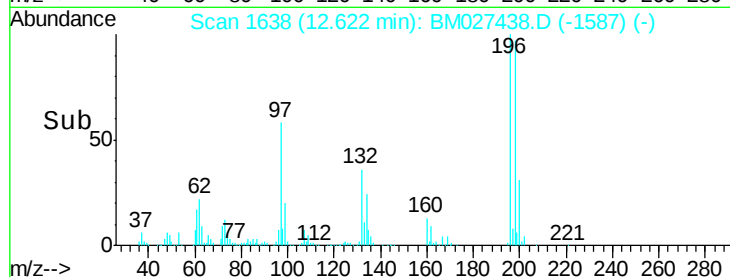
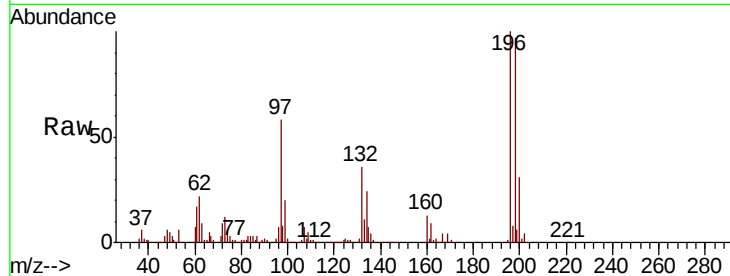
#43
 2,4,6-Trichlorophenol
 Concen: 41.575 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230907		
198	97.3	74.9	112.3	
200	31.2	23.7	35.5	

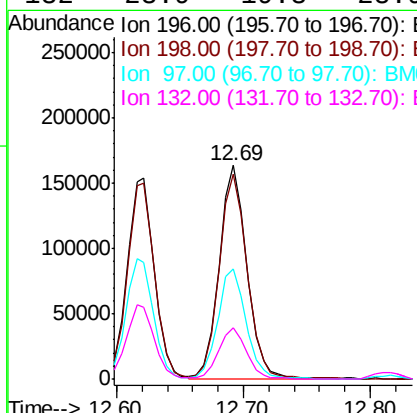
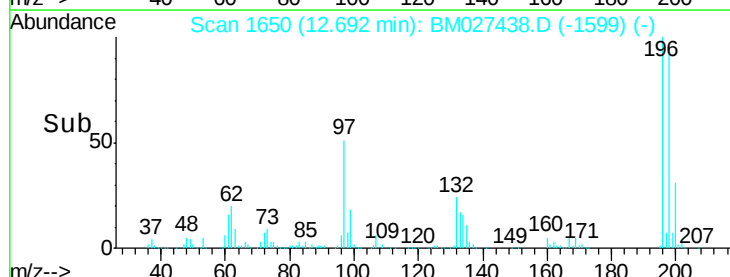
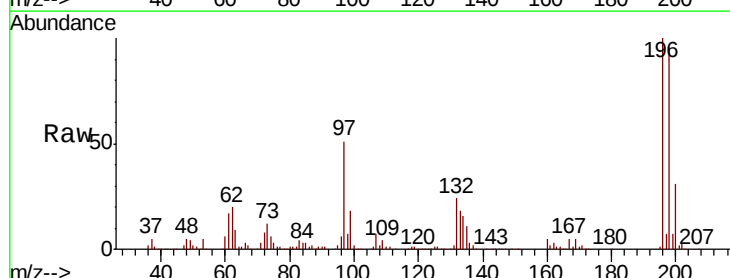
Manual Integrations
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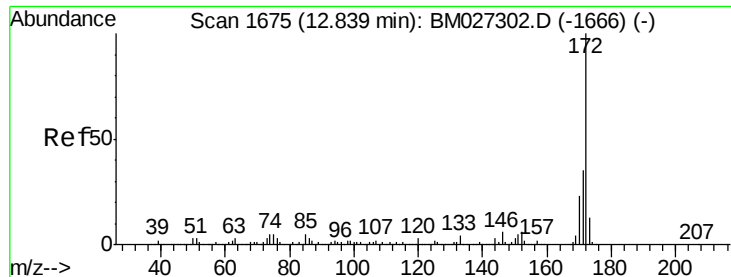
mohammad
 9/18/2020 11:29:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.935 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247144		
198	95.7	79.0	118.6	
97	51.4	40.5	60.7	
132	23.9	19.3	28.9	





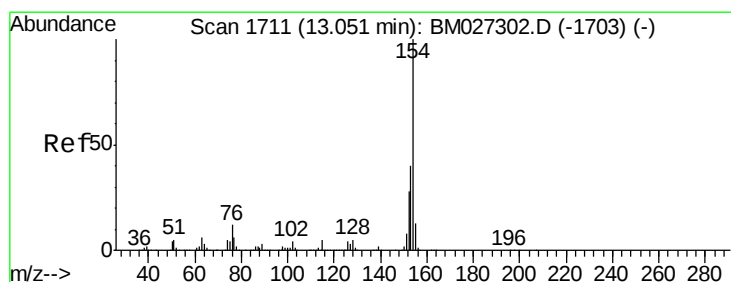
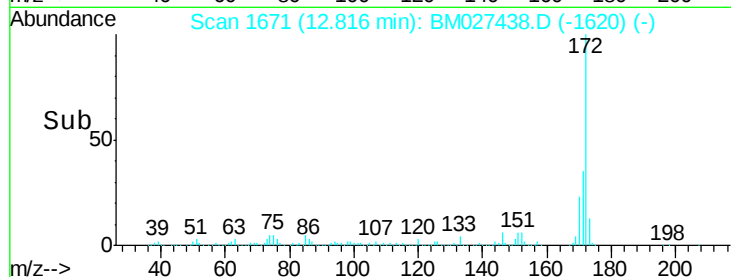
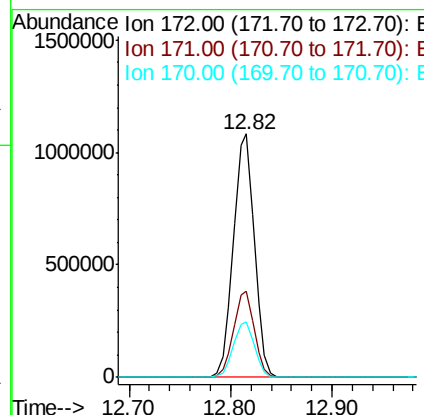
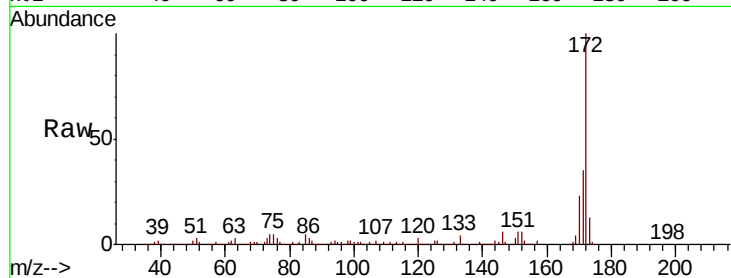
#45
2-Fluorobiphenyl
Concen: 81.950 ng
RT: 12.82 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	22.7	18.6	27.8

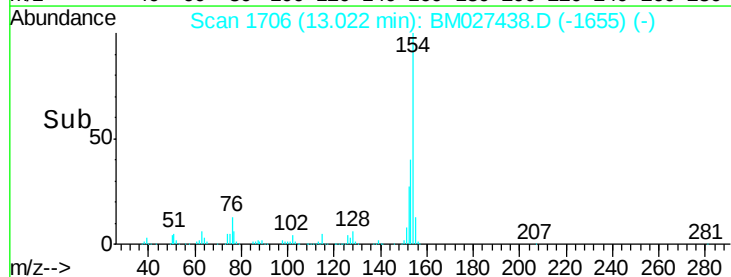
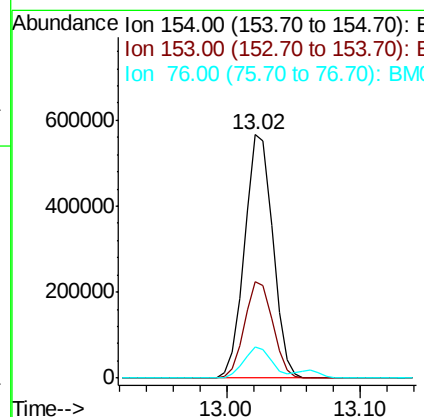
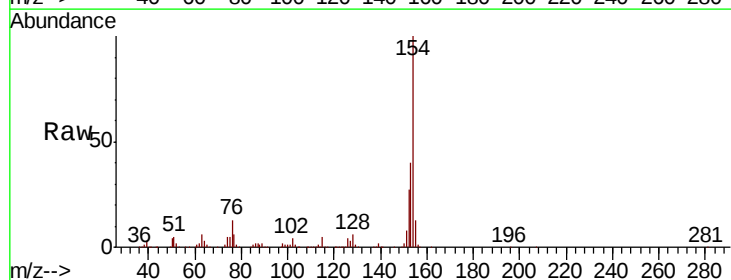
Manual Integrations
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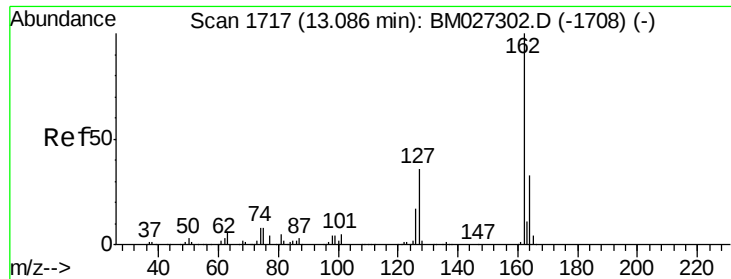
mohammad
9/18/2020 11:29:07 AM



#46
1,1'-Biphenyl
Concen: 41.430 ng
RT: 13.02 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.0	60.0
76	12.8	0.0	32.0





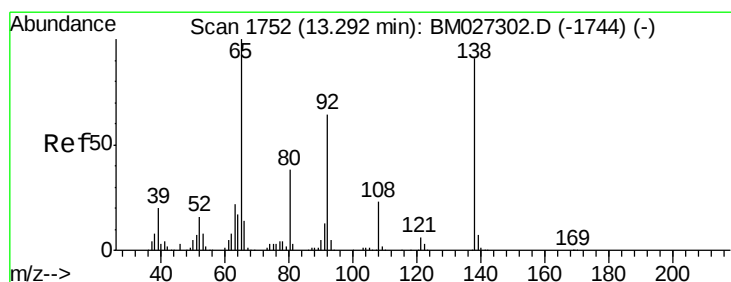
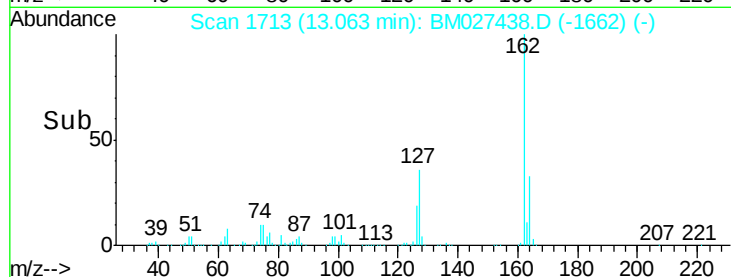
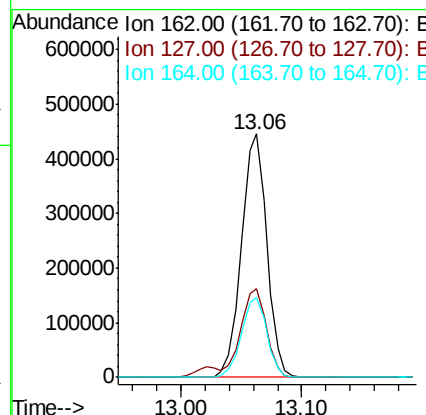
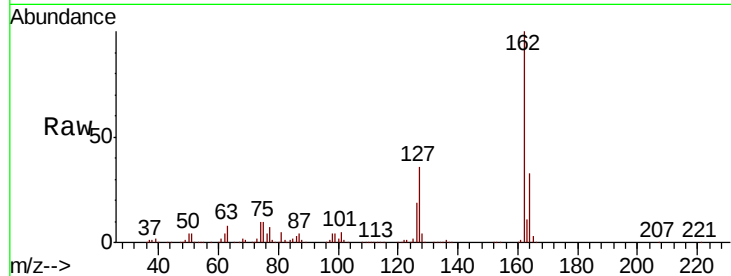
#47
2-Chloronaphthalene
Concen: 41.371 ng
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.6	44.4
164	32.7	26.2	39.4

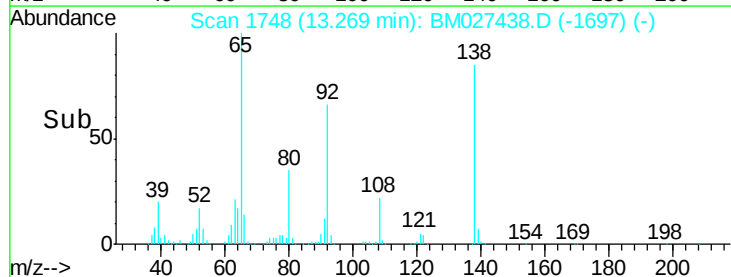
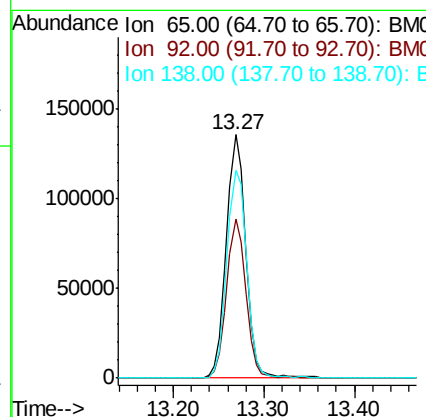
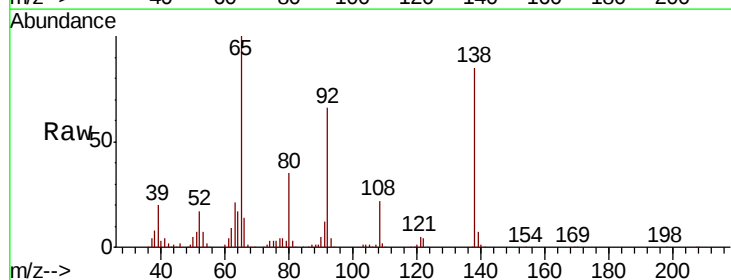
Manual Integrations
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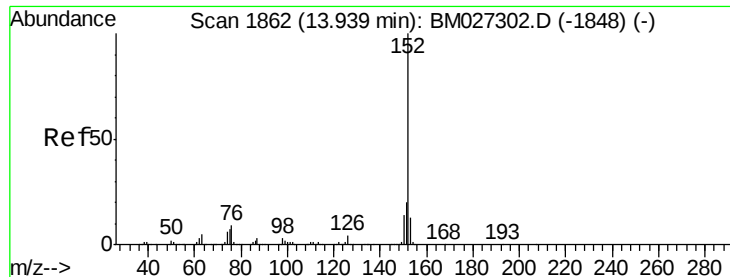
mohammad
9/18/2020 11:29:07 AM



#48
2-Nitroaniline
Concen: 41.966 ng
RT: 13.27 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.5	77.3
138	85.4	72.7	109.1





#49

Acenaphthylene

Concen: 41.500 ng

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

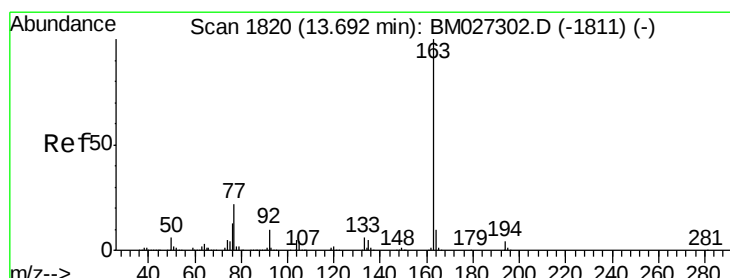
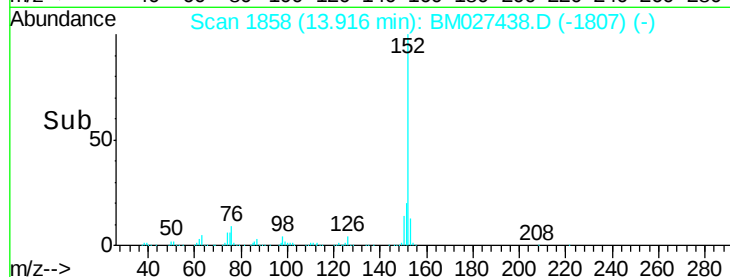
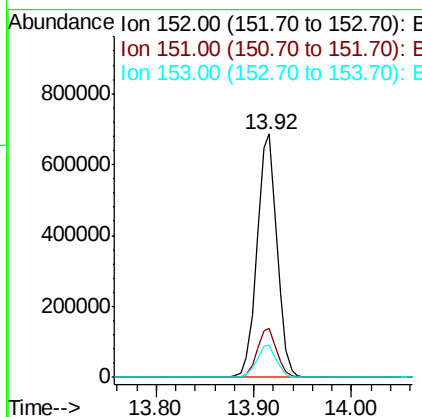
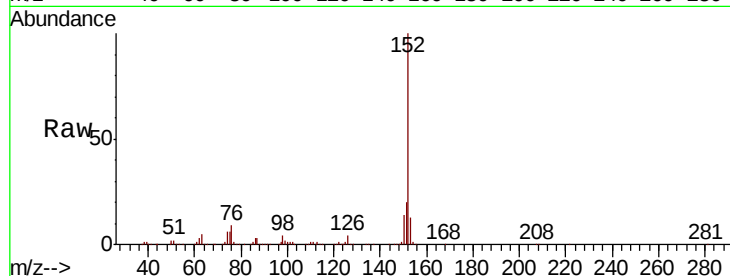
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	992695
Ion Ratio		Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.4	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.229 ng

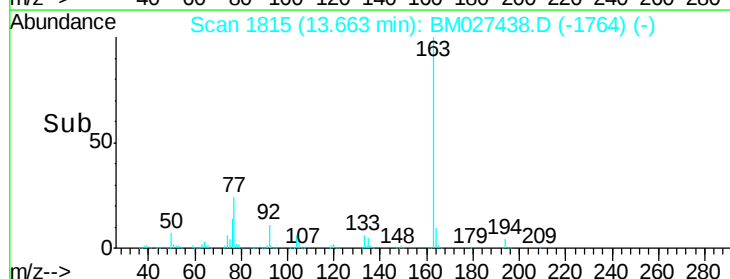
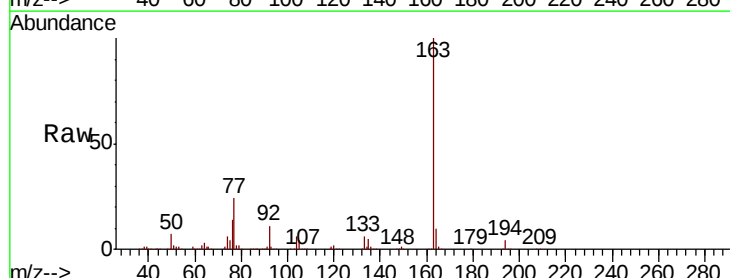
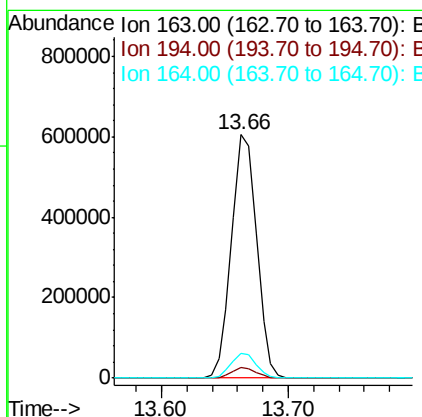
RT: 13.66 min Scan# 1815

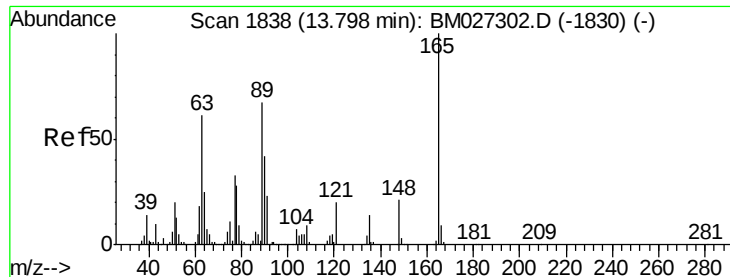
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	163	Resp:	832004
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.4	8.1	12.1





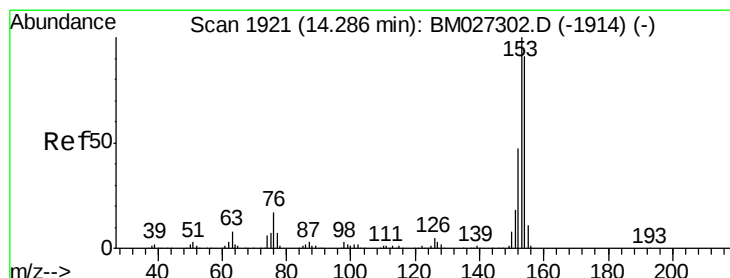
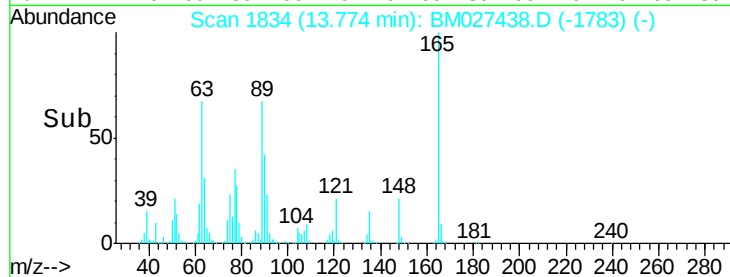
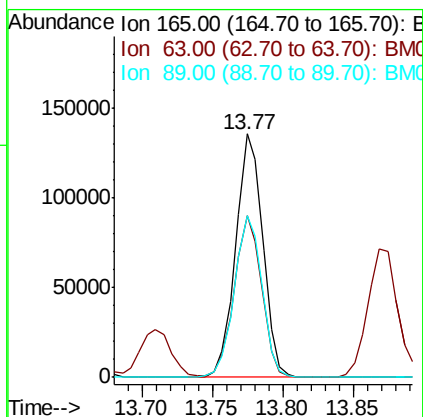
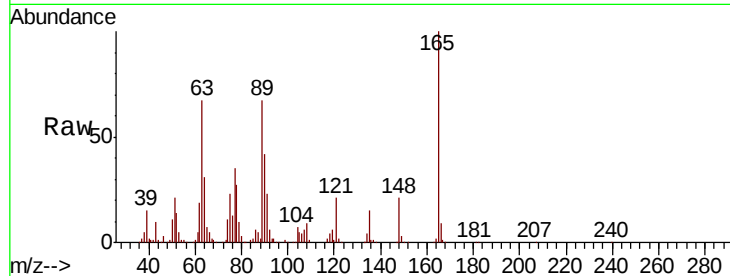
#51
2,6-Dinitrotoluene
Concen: 41.138 ng
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	181233
Ion Ratio	Lower	Upper	
165	100		
63	66.6	51.1	76.7
89	66.6	53.3	79.9

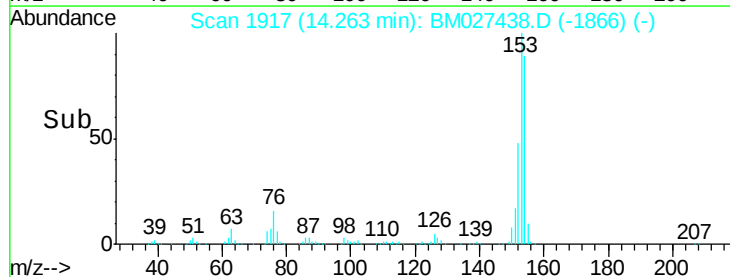
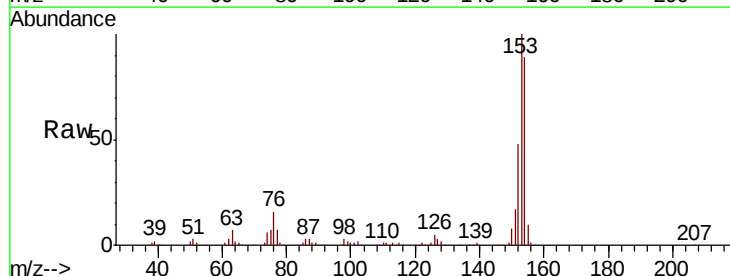
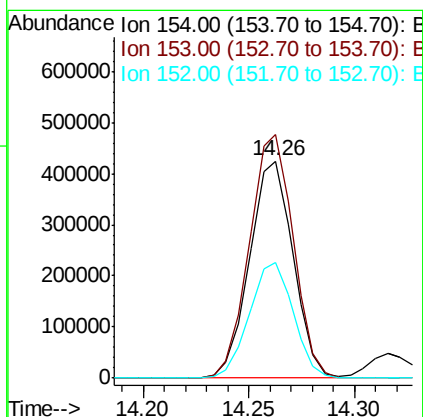
Manual Integrations
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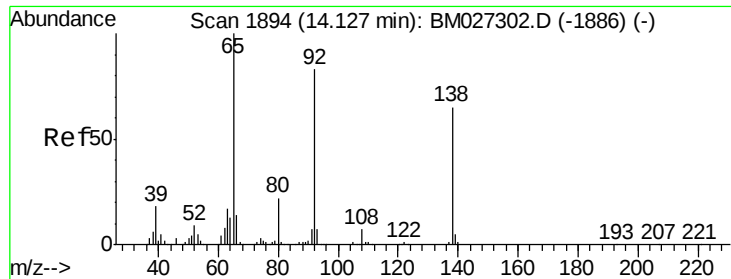
mohammad
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#52
Acenaphthene
Concen: 41.211 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion:	154	Resp:	611578
Ion Ratio	Lower	Upper	
154	100		
153	112.0	88.3	132.5
152	53.4	41.4	62.2





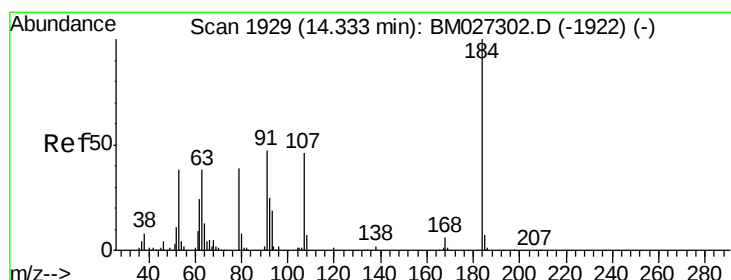
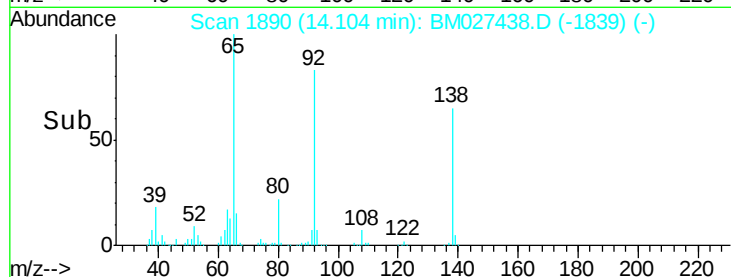
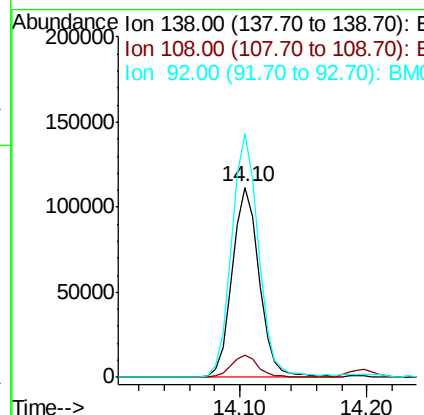
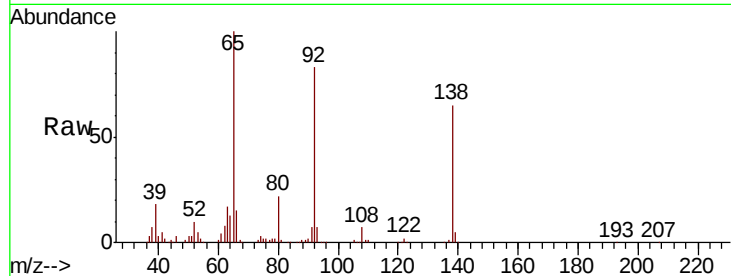
#53
3-Nitroaniline
Concen: 38.165 ng
RT: 14.10 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.6	13.0
92	127.8	102.1	153.1

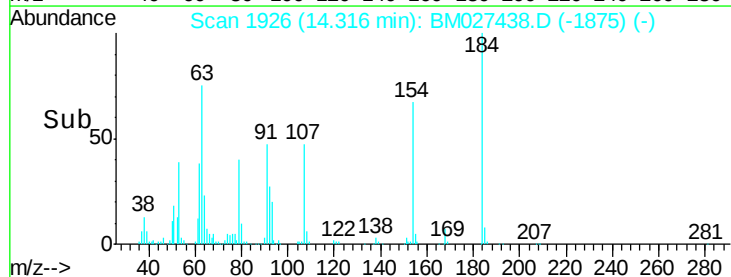
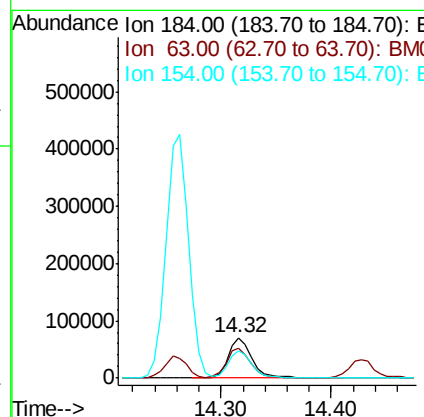
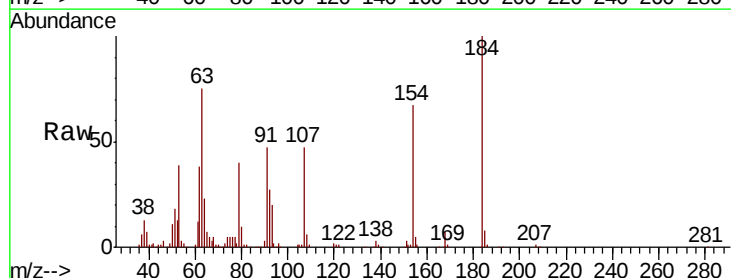
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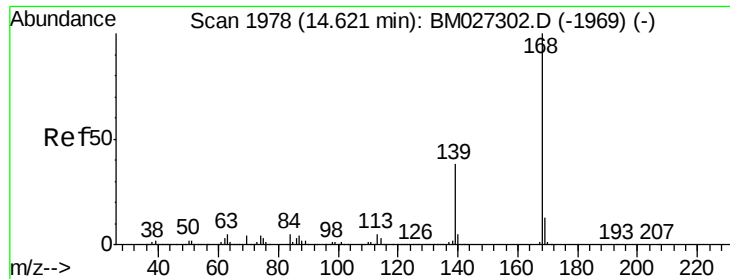
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.705 ng
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.0	60.2	90.2
154	67.5	52.9	79.3





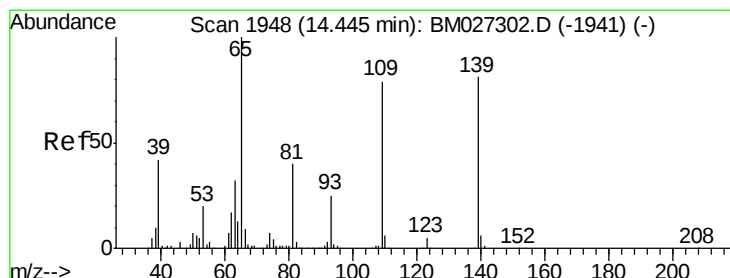
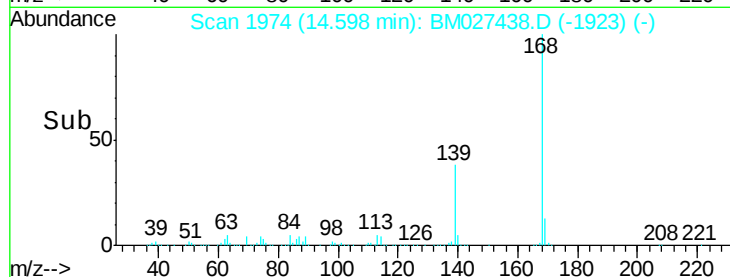
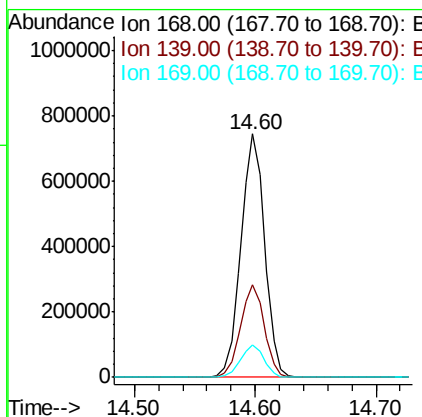
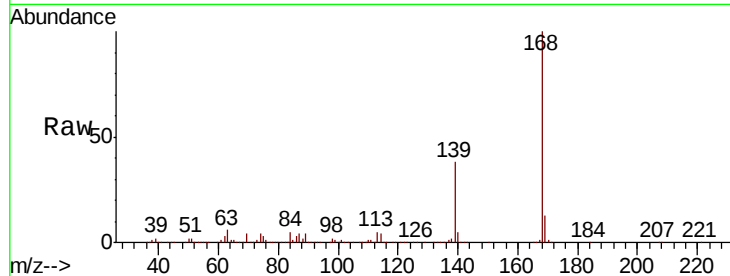
#55
Dibenzofuran
Concen: 40.698 ng
RT: 14.60 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.2	45.4
169	13.2	10.6	16.0

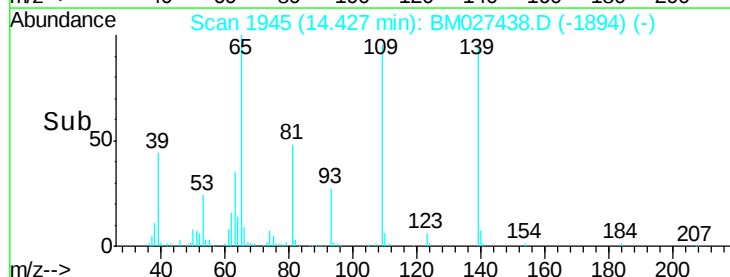
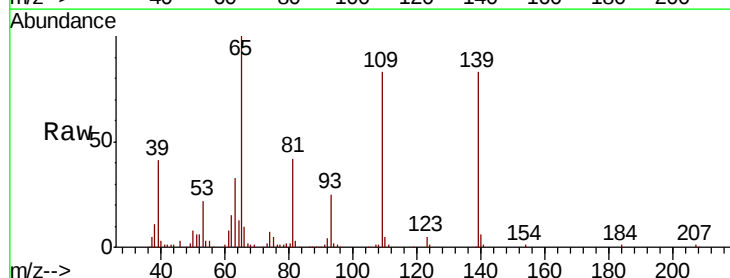
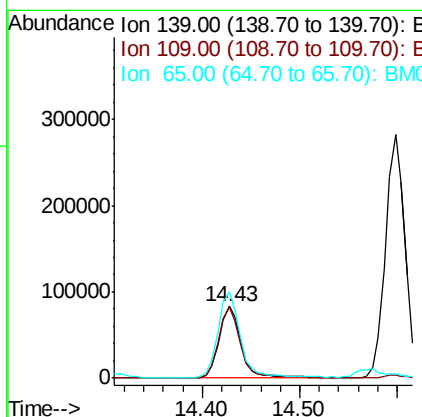
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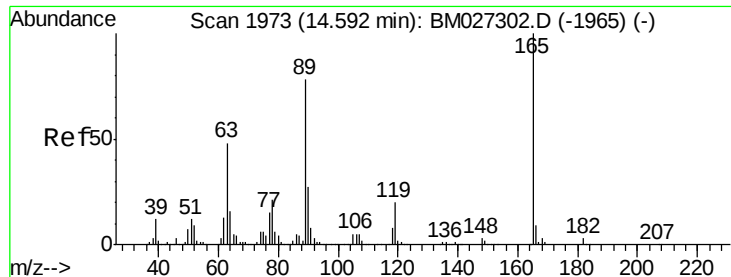
mohammad
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#56
4-Nitrophenol
Concen: 37.750 ng
RT: 14.43 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.7	77.0	117.0
65	120.1	103.4	143.4





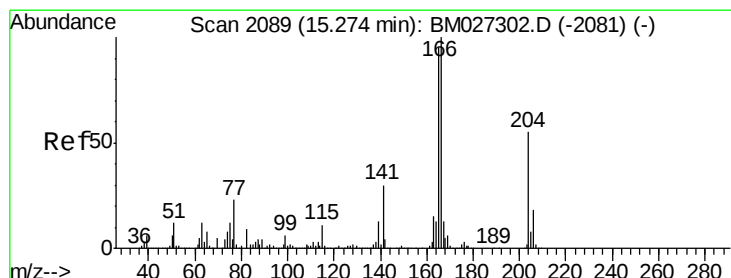
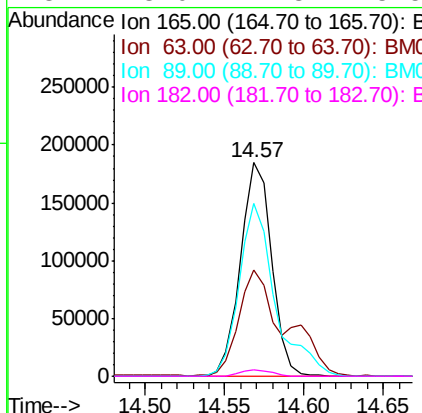
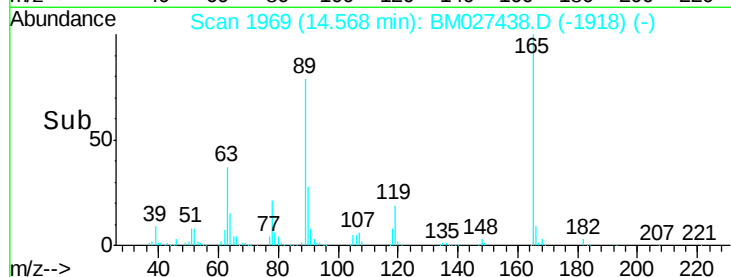
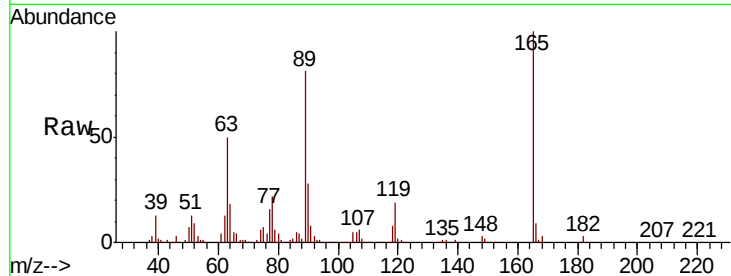
#57
2,4-Dinitrotoluene
Concen: 41.382 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		252622		
63	49.9		38.8	58.2	
89	80.8		62.6	94.0	
182	3.0		2.3	3.5	

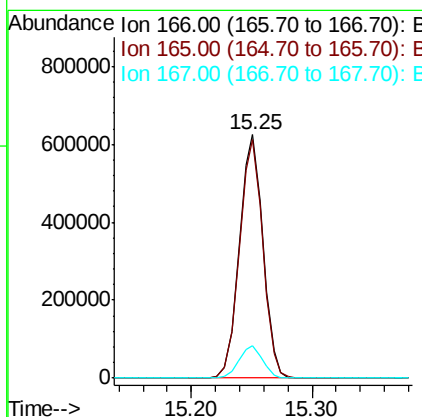
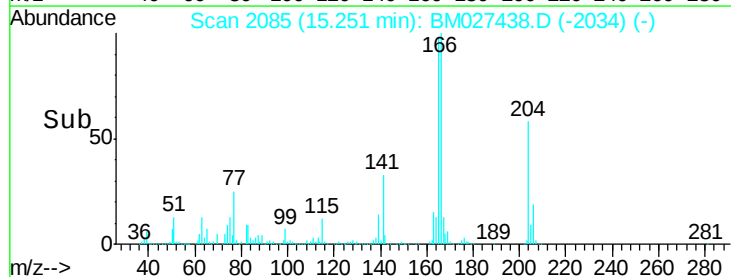
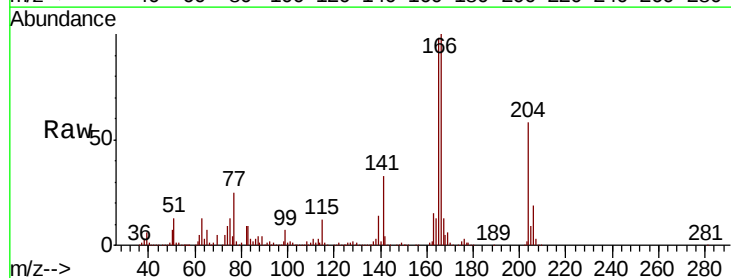
Manual Integrations
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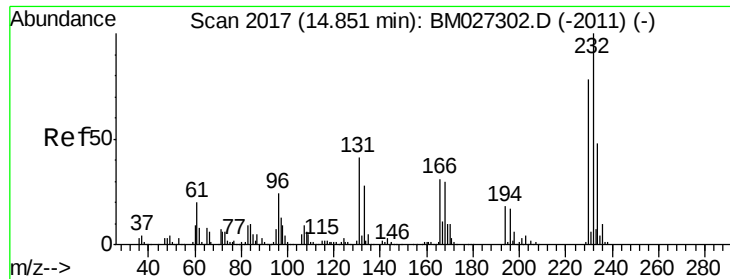
mohammad
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#58
Fluorene
Concen: 40.253 ng
RT: 15.25 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		848143		
165	97.7		76.2	114.2	
167	13.3		10.7	16.1	





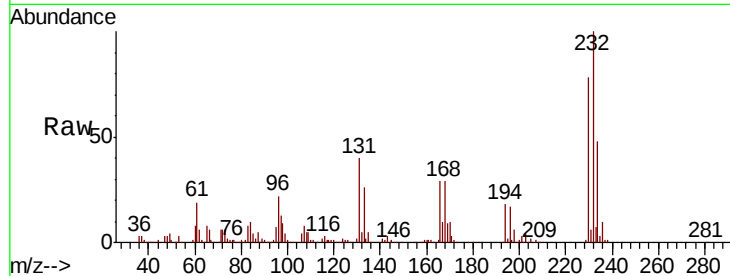
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.222 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

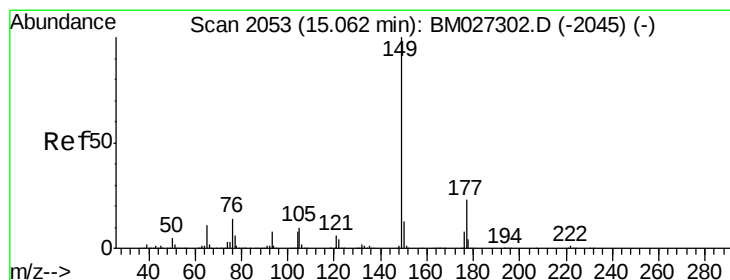
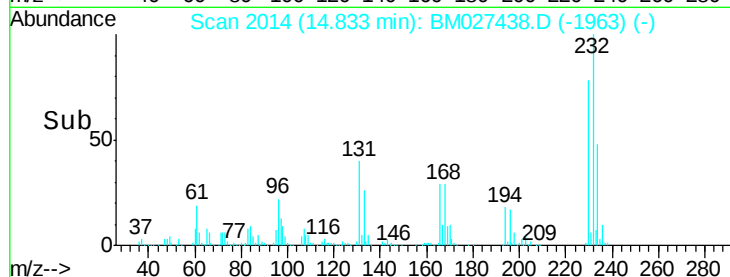
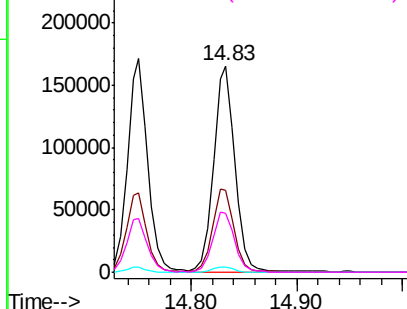
Tot Ion	Ratio	Resp	Lower	Upper
232	100	234756		
131	40.6		32.2	48.2
130	2.5		1.8	2.8
166	30.6		24.5	36.7

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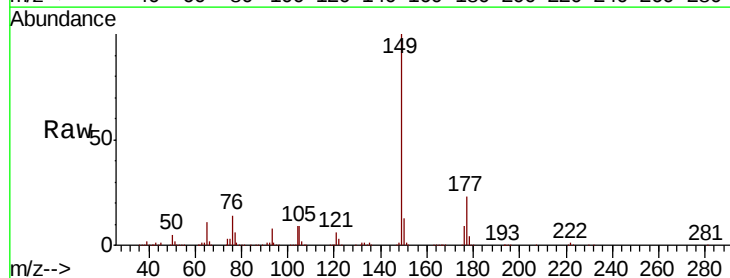


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

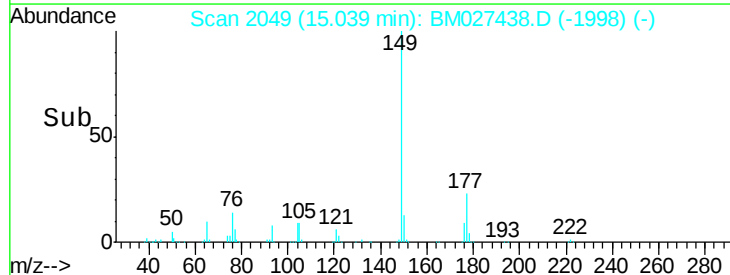
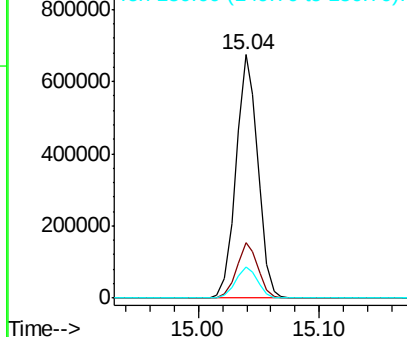


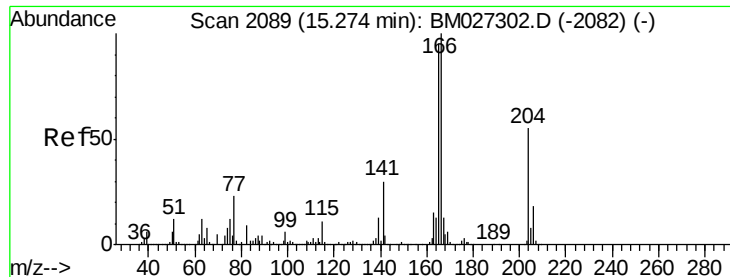
#60
 Diethylphthalate
 Concen: 39.707 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	844649		
177	22.7		18.2	27.4
150	12.6		10.2	15.4



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





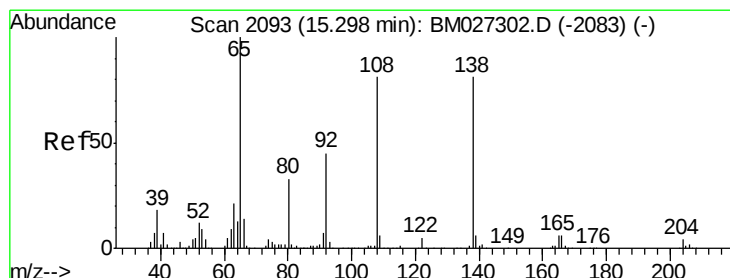
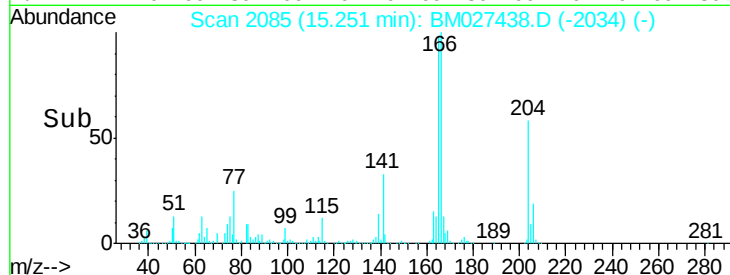
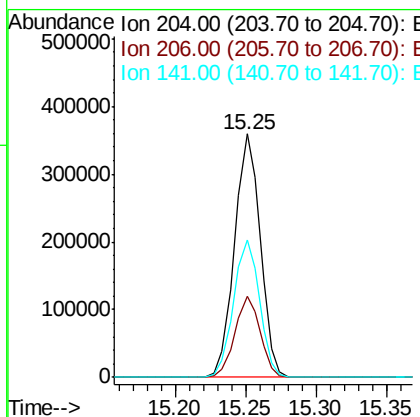
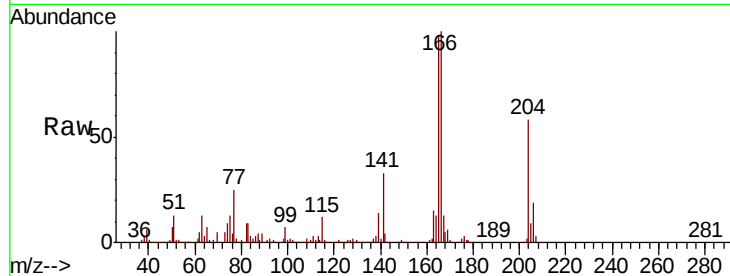
#61
4-Chlorophenyl-phenylether
Concen: 39.507 ng
RT: 15.25 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	56.6	43.7	65.5

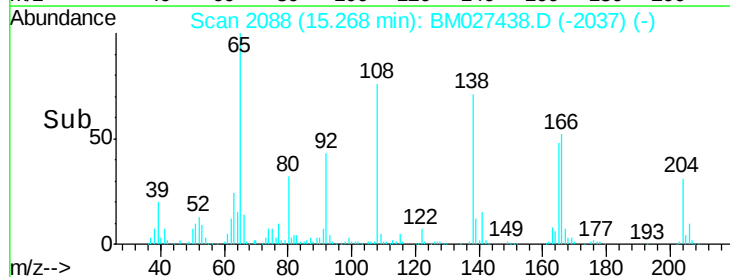
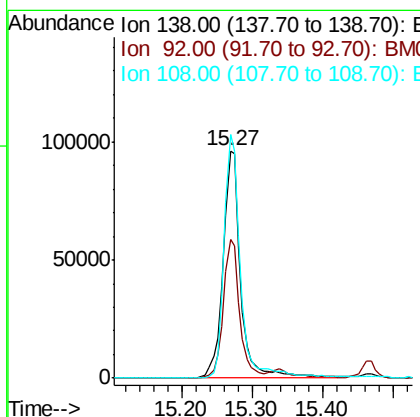
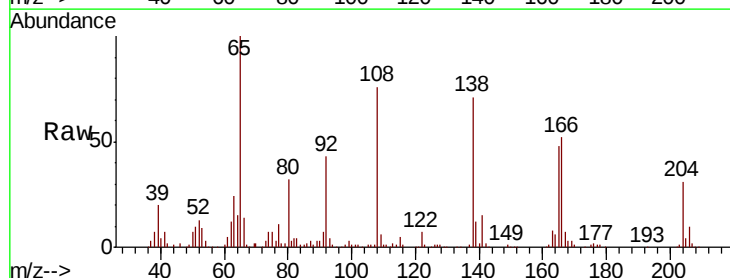
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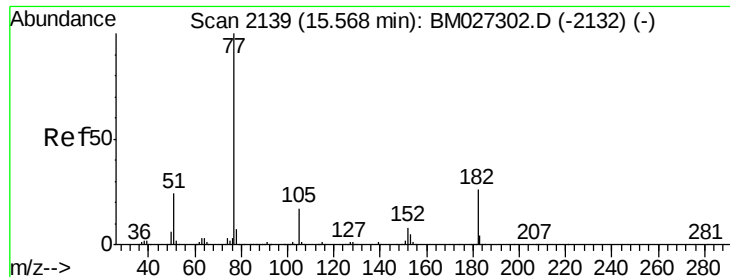
mohammad
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#62
4-Nitroaniline
Concen: 36.509 ng
RT: 15.27 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.9	35.5	75.5
108	107.0	80.5	120.5





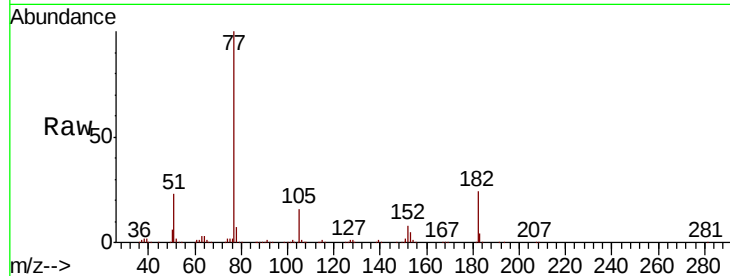
#63
Azobenzene
Concen: 41.073 ng
RT: 15.54 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		903690		
182	24.1	5.8	45.8		
105	16.3	0.0	37.2		
51	23.5	3.6	43.6		

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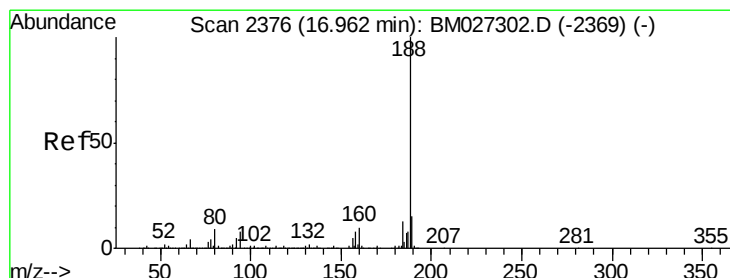
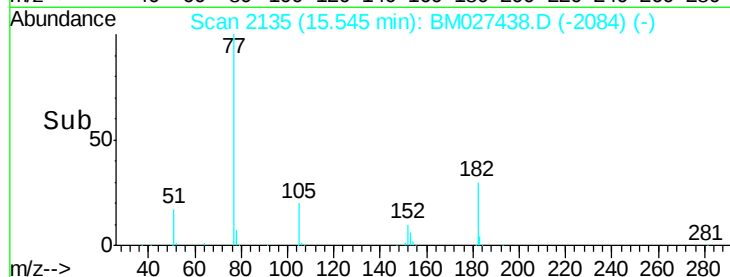
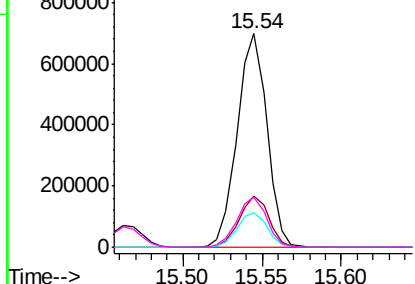


Abundance Ion 77.00 (76.70 to 77.70): BM027438.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM027438.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM027438.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM027438.D (-2132) (-)



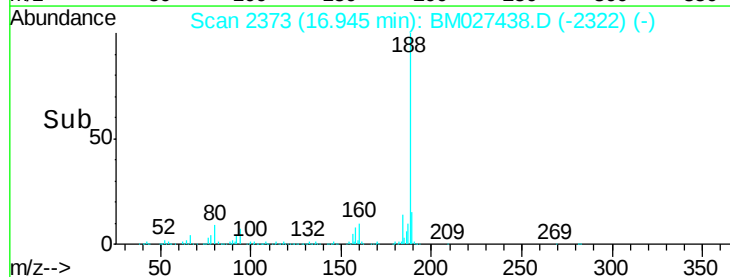
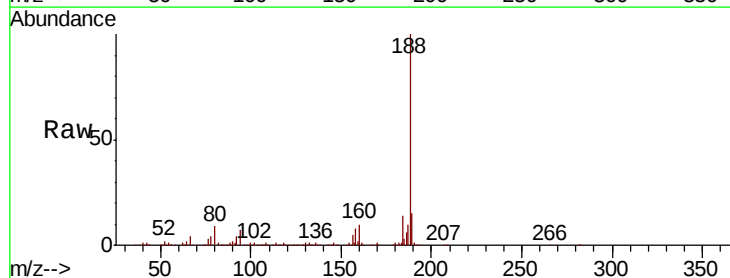
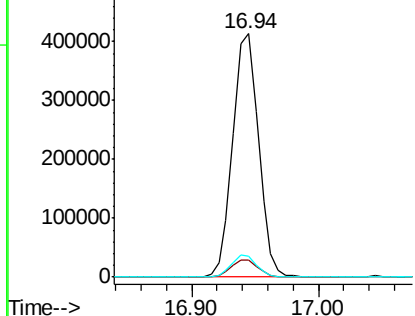
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

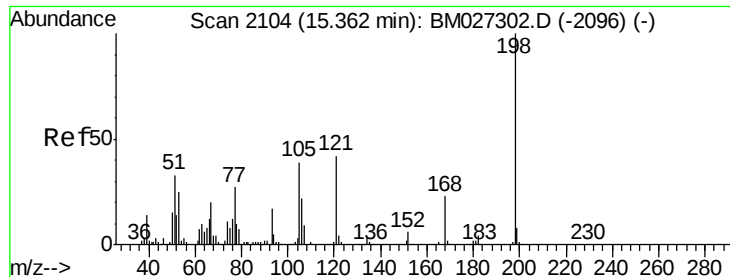
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		582631		
94	7.0	6.2	9.4		
80	8.8	7.5	11.3		

Abundance Ion 188.00 (187.70 to 188.70): BM027438.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM027438.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM027438.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 35.921 ng

RT: 15.34 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 134316

Ion Ratio Lower Upper

198 100

51 32.5 13.0 53.0

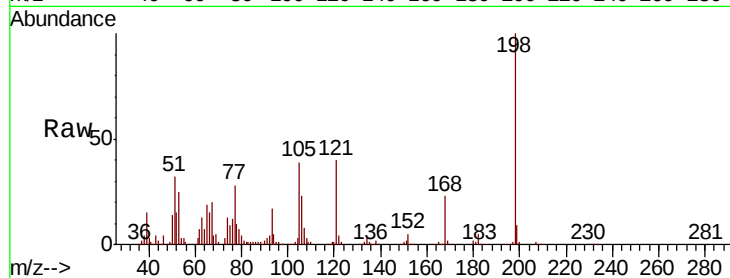
105 39.4 18.7 58.7

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

40000

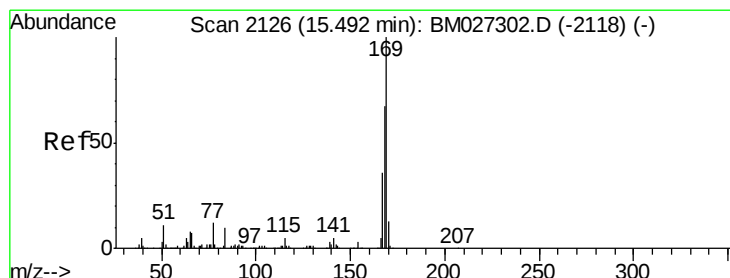
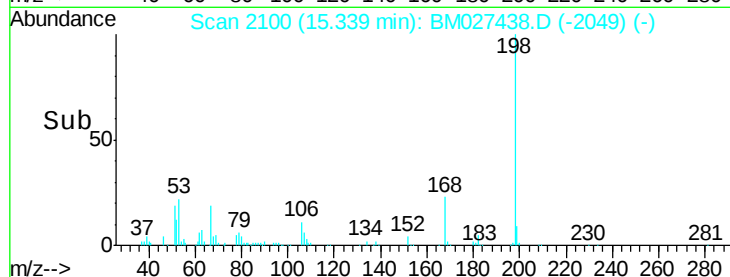
20000

0

15.30 15.40

15.34

Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.516 ng

RT: 15.47 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

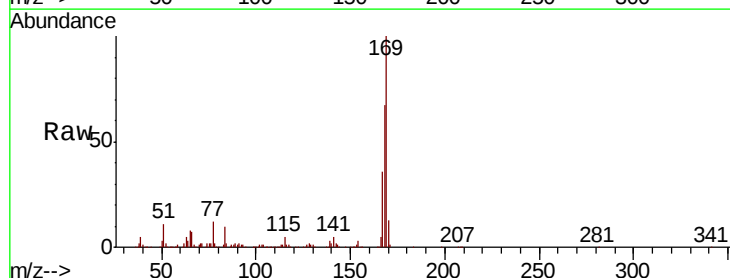
Tgt Ion:169 Resp: 730224

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.8

167 36.4 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

600000

400000

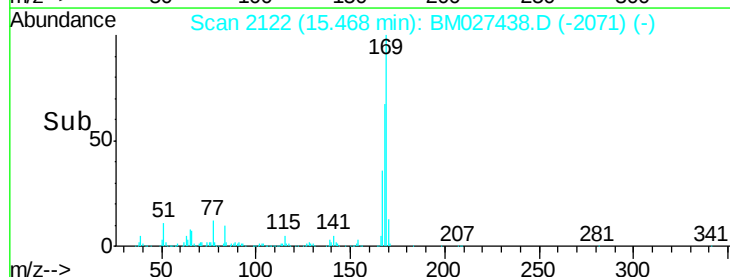
200000

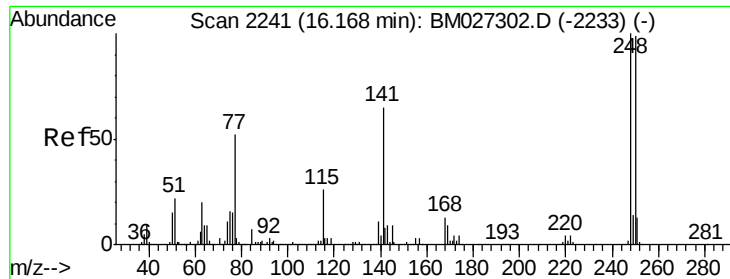
0

15.40 15.50 15.60

15.47

Time-->





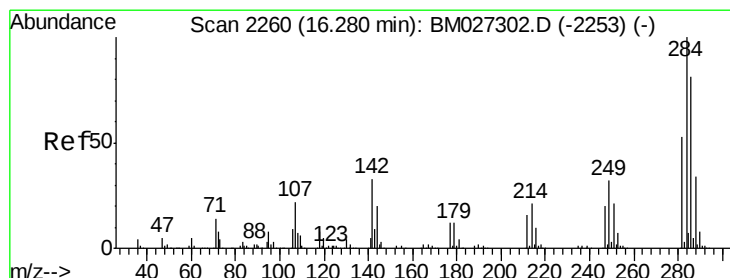
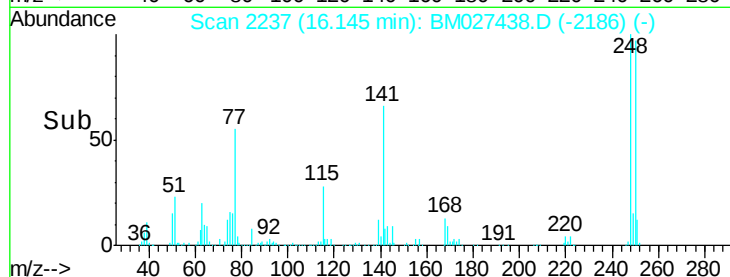
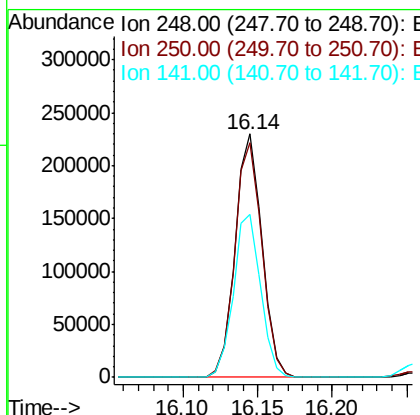
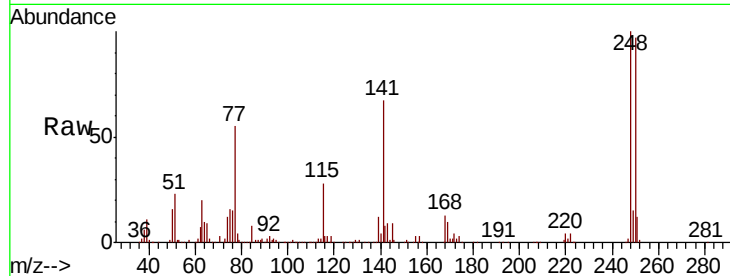
#67
4-Bromophenyl-phenylether
Concen: 40.052 ng
RT: 16.14 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.1	118.7
141	66.8	51.8	77.8

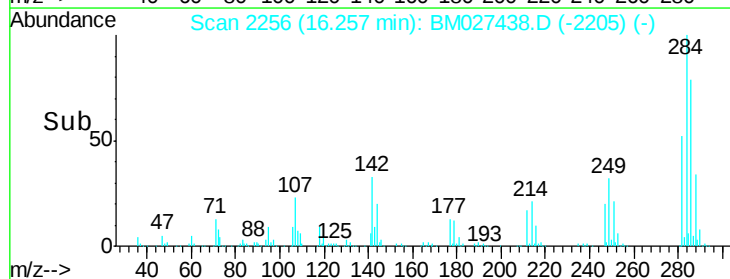
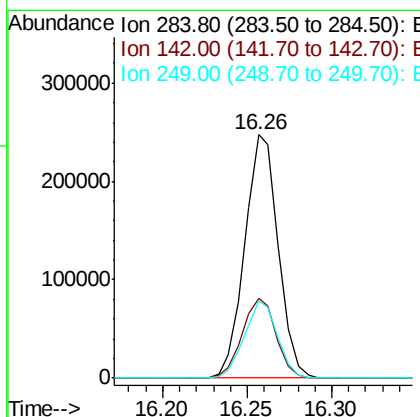
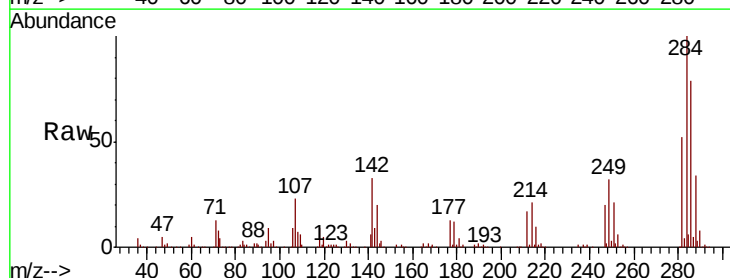
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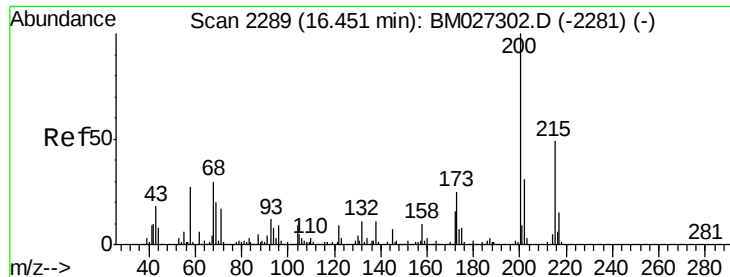
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#68
Hexachlorobenzene
Concen: 40.491 ng
RT: 16.26 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.1	39.1
249	31.9	25.6	38.4





#69

Atrazine

Concen: 39.972 ng

RT: 16.43 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

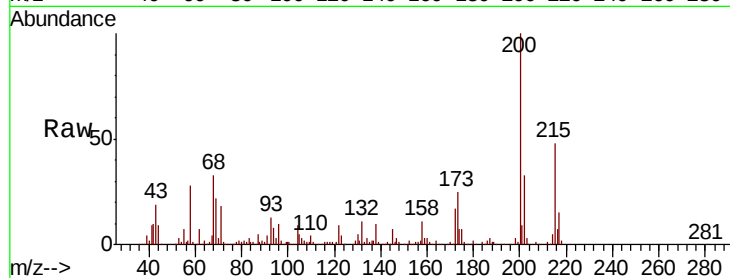
ClientSampleId :

SSTDCCC040

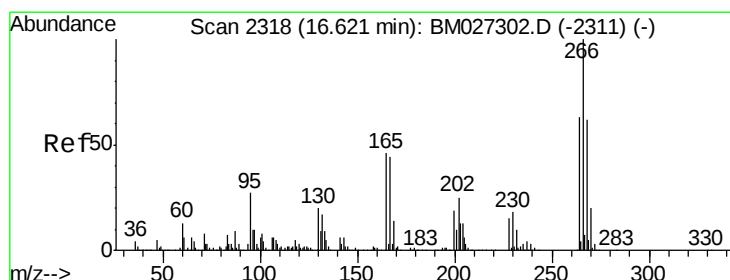
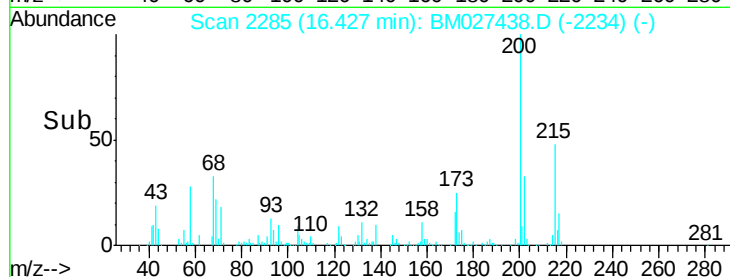
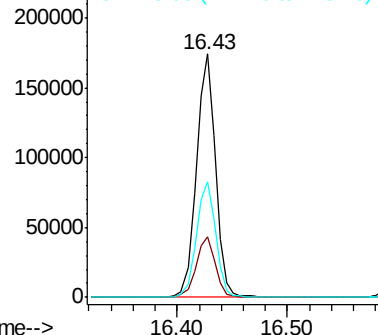
Tot Ion:	200	Resp:	210727
Ion Ratio	Lower	Upper	
200	100		
173	25.0	4.9	44.9
215	47.6	29.0	69.0

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.537 ng

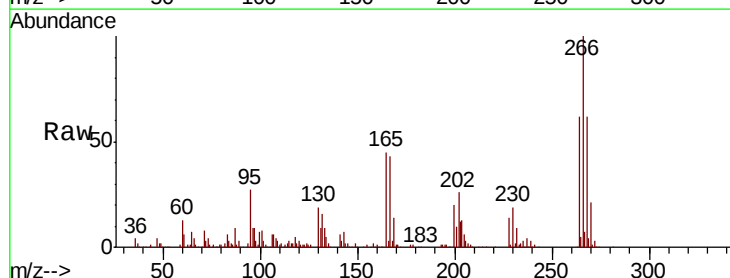
RT: 16.60 min Scan# 2315

Delta R.T. 0.00 min

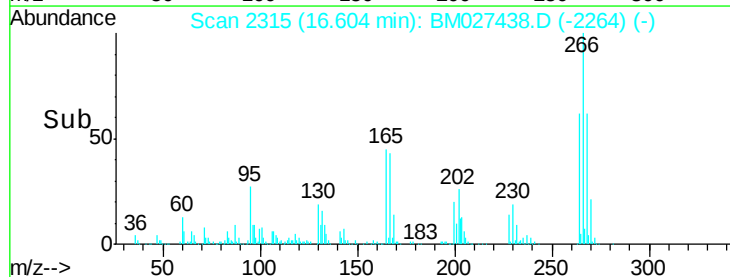
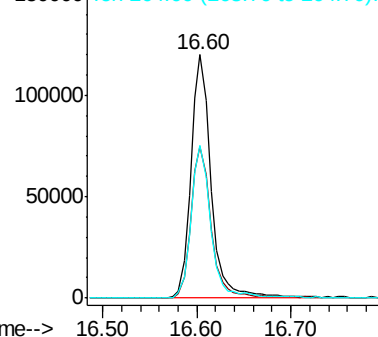
Lab File: BM027438.D

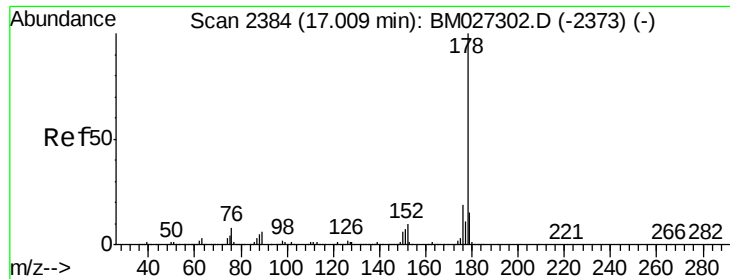
Acq: 16 Sep 2020 12:20

Tgt Ion:	266	Resp:	180451
Ion Ratio	Lower	Upper	
266	100		
268	62.2	49.9	74.9
264	62.5	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





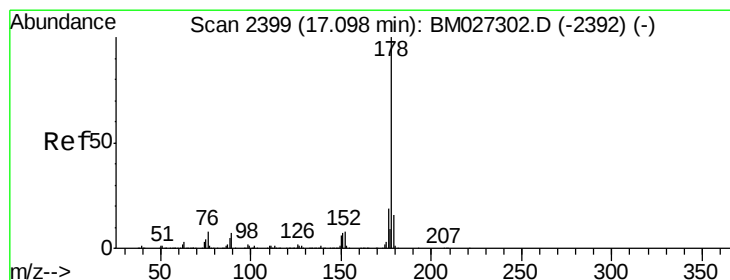
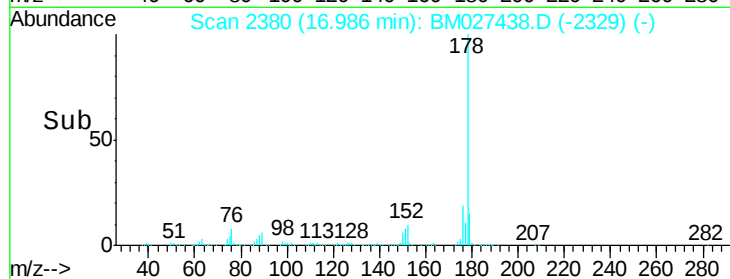
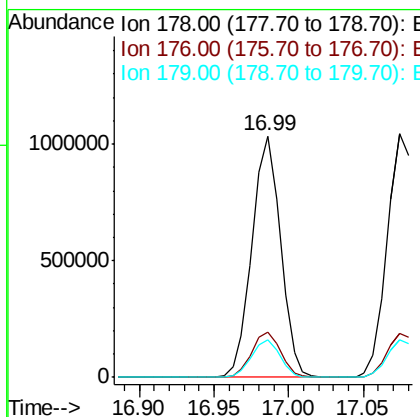
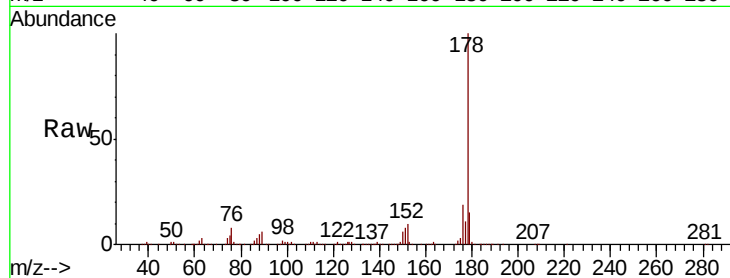
#71
Phenanthrene
Concen: 40.510 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.5	12.2	18.4

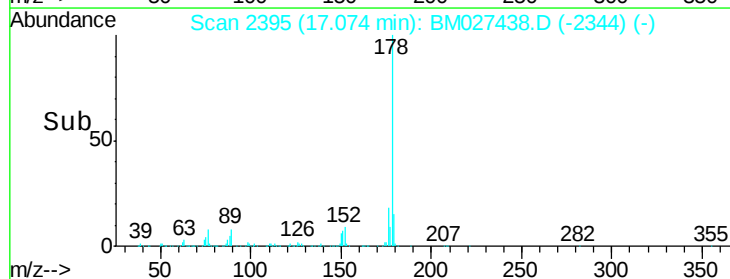
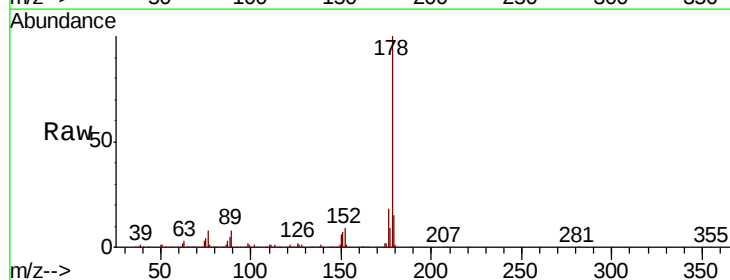
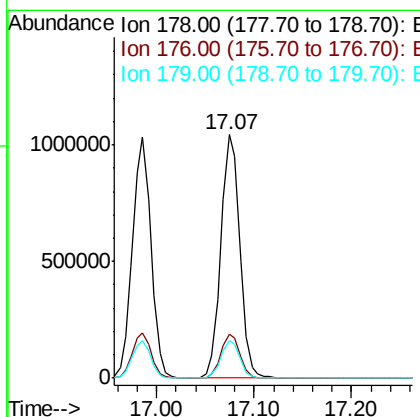
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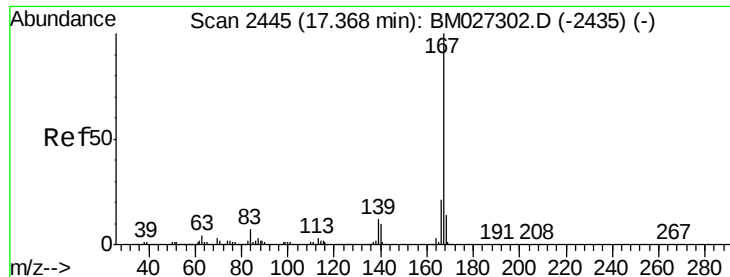
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#72
Anthracene
Concen: 41.101 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.2	12.5	18.7





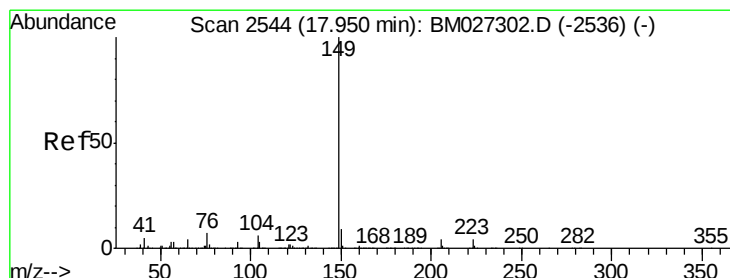
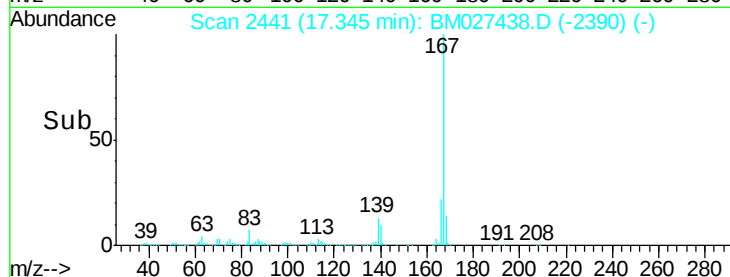
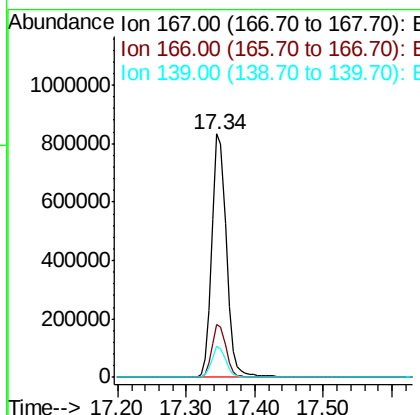
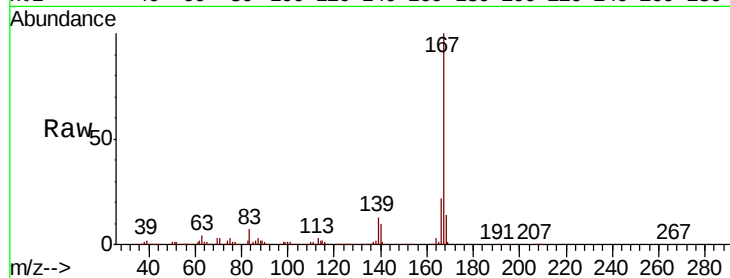
#73
 Carbazole
 Concen: 41.086 ng
 RT: 17.34 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	12.7	9.9	14.9

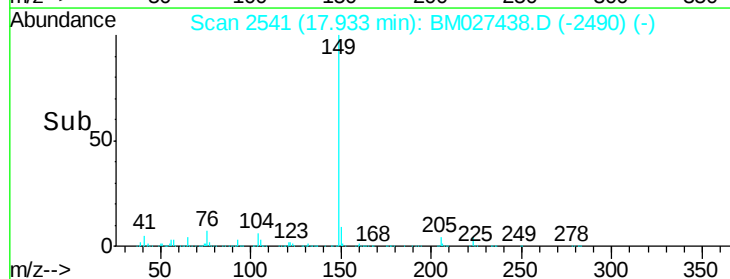
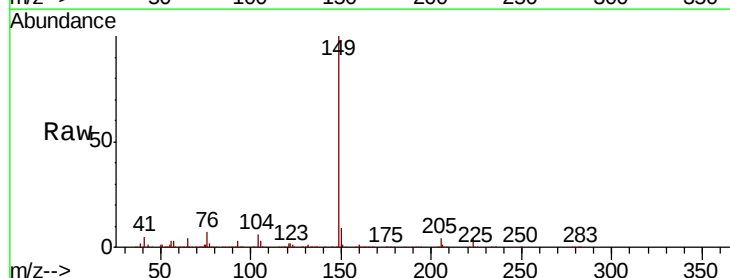
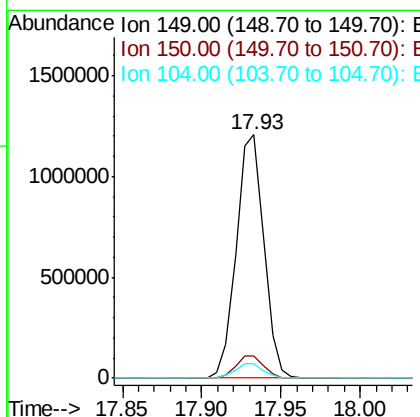
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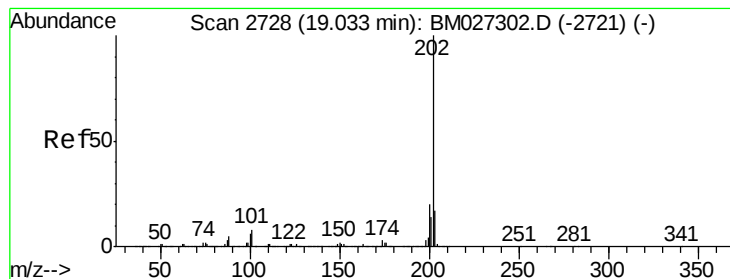
mohammad
 9/18/2020 11:29:07 AM



#74
 Di-n-butylphthalate
 Concen: 40.395 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.8	4.7	7.1





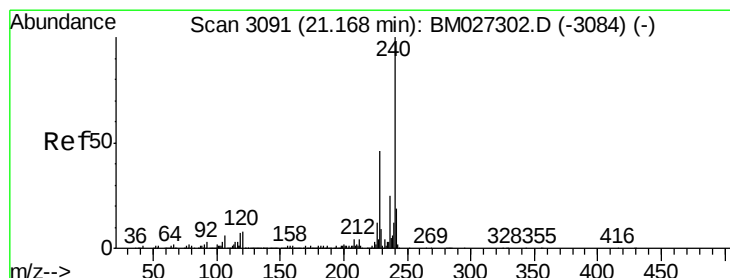
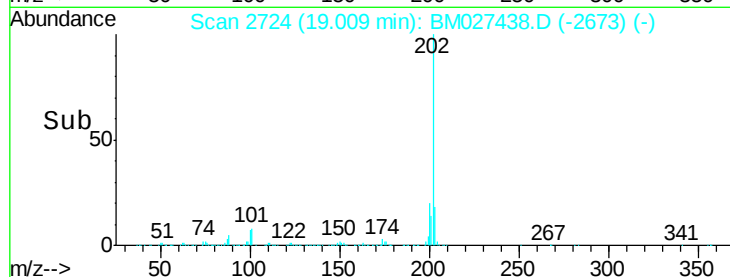
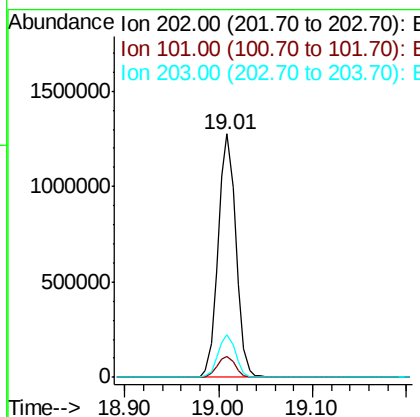
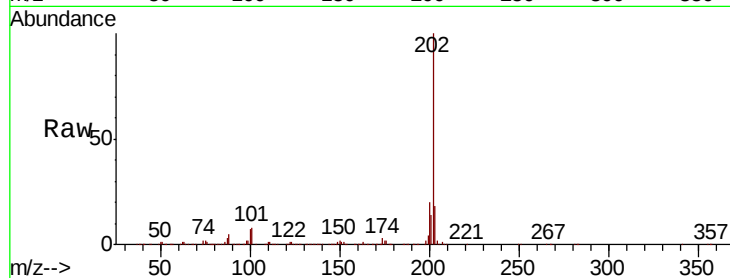
#75
 Fluoranthene
 Concen: 41.182 ng
 RT: 19.01 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1692485		
101	8.5	0.0	28.5		
203	17.6	0.0	37.3		

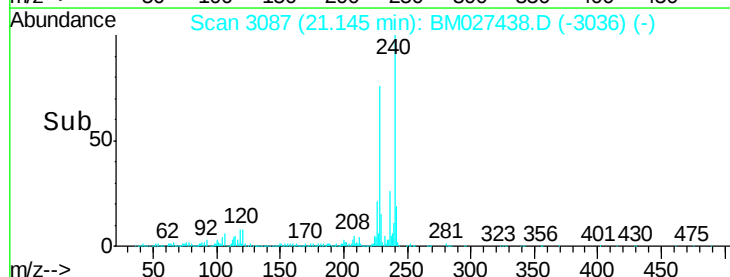
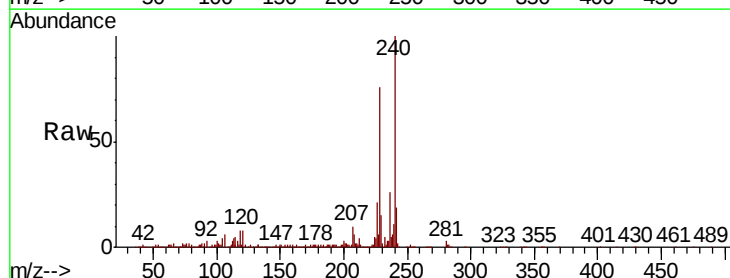
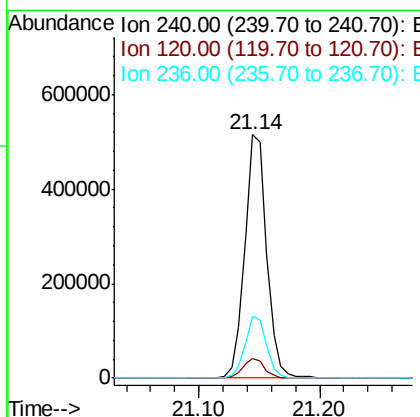
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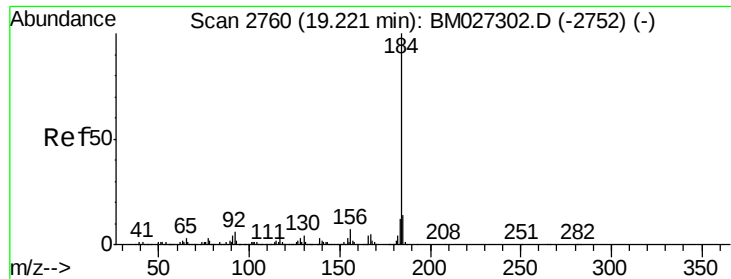
mohammad
 9/18/2020 11:29:07 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		654135		
120	8.1	6.4	9.6		
236	25.5	20.1	30.1		





#77

Benzidine

Concen: 36.664 ng

RT: 19.20 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

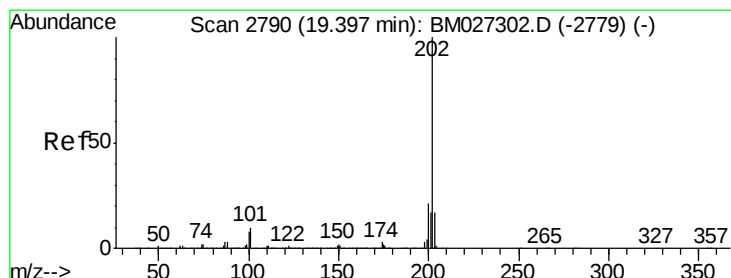
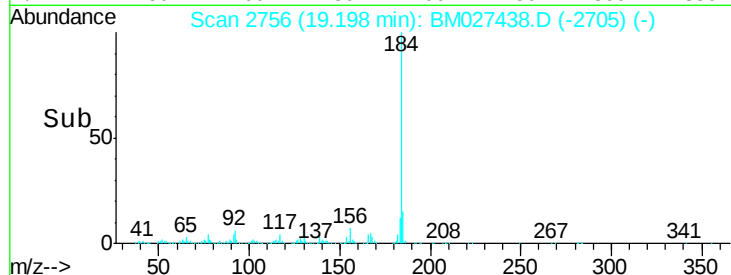
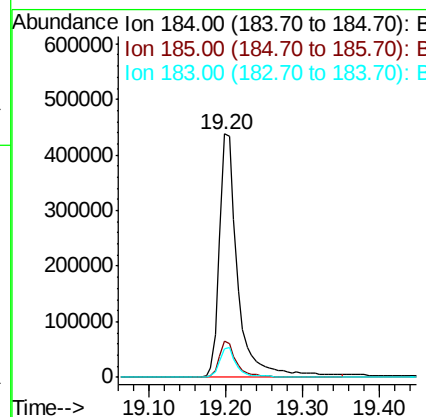
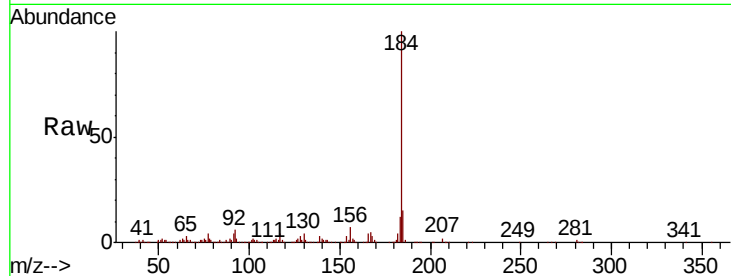
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	722526
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.0	16.6
183	11.7	9.7	14.5

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#78

Pyrene

Concen: 39.213 ng

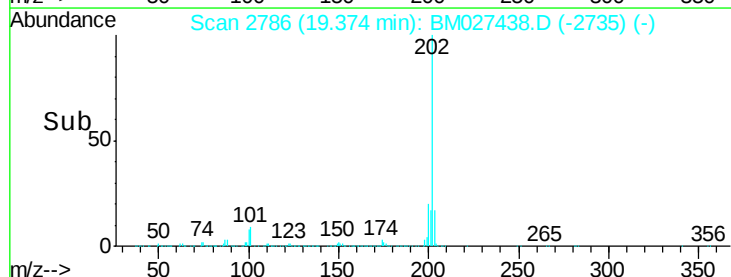
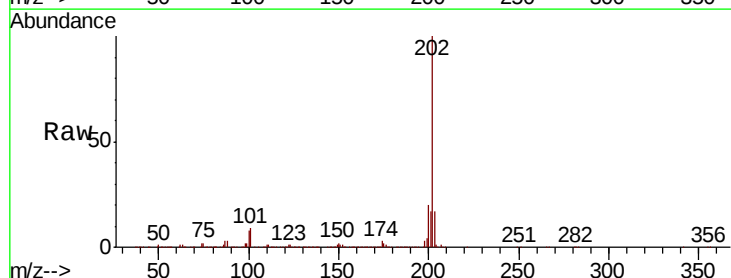
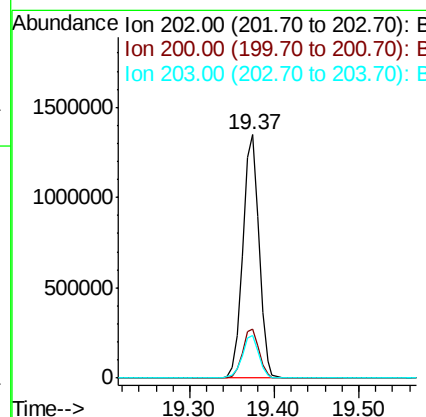
RT: 19.37 min Scan# 2786

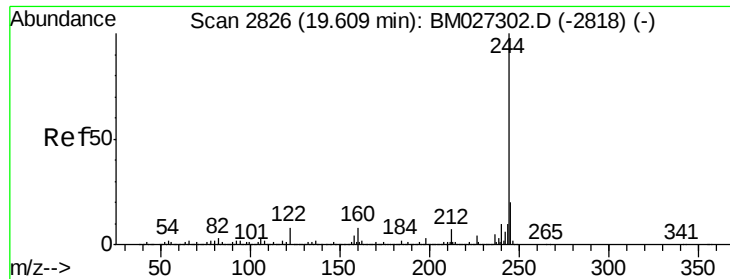
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:	202	Resp:	1749336
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	24.8
203	17.5	13.8	20.6





#79

Terphenyl-d14

Concen: 77.534 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2914037

Ion Ratio Lower Upper

244 100

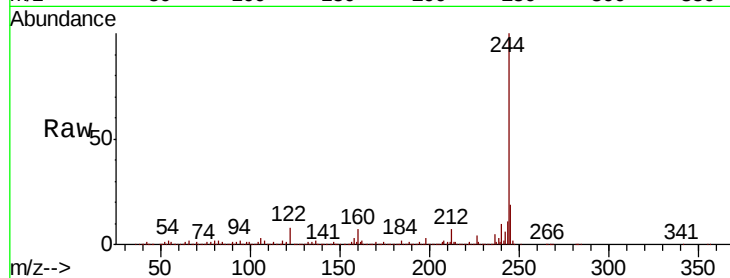
212 7.1 5.8 8.8

122 7.6 6.5 9.7

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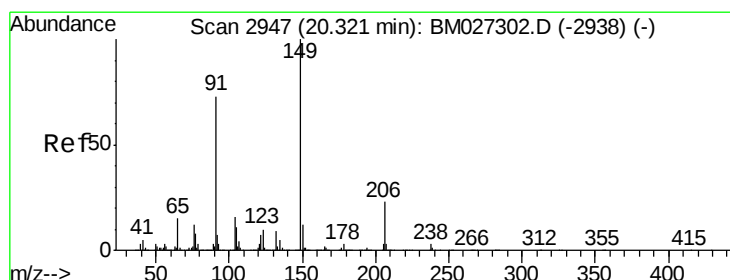
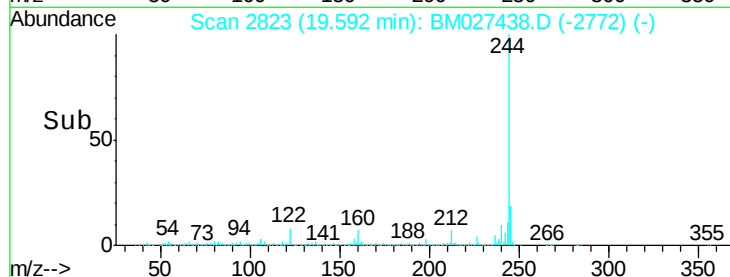
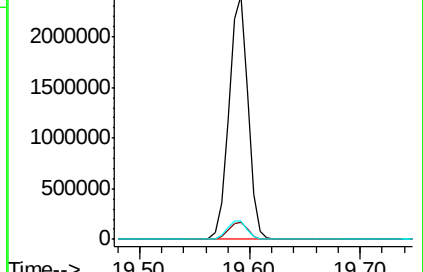
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.343 ng

RT: 20.30 min Scan# 2943

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

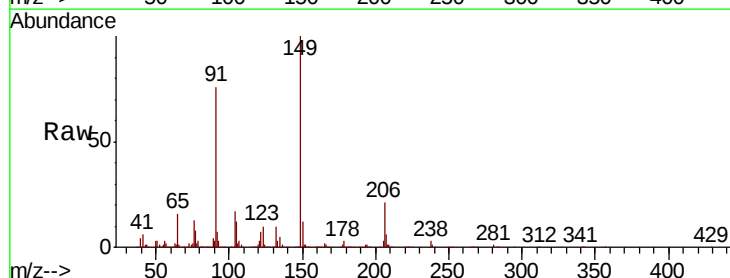
Tgt Ion:149 Resp: 669902

Ion Ratio Lower Upper

149 100

91 76.0 58.1 87.1

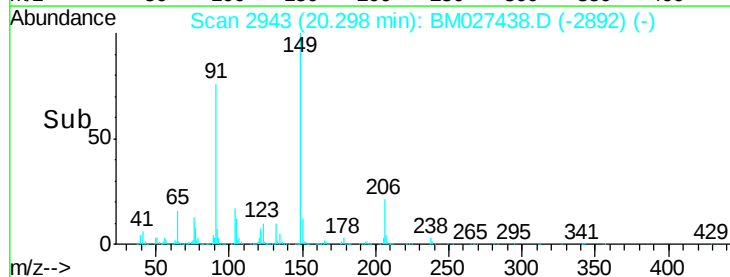
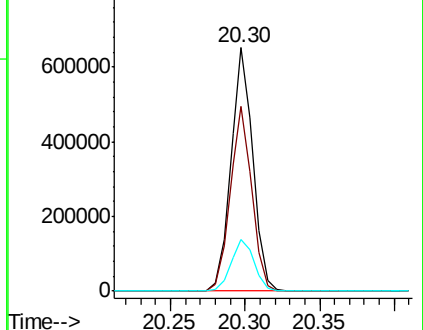
206 21.4 18.7 28.1

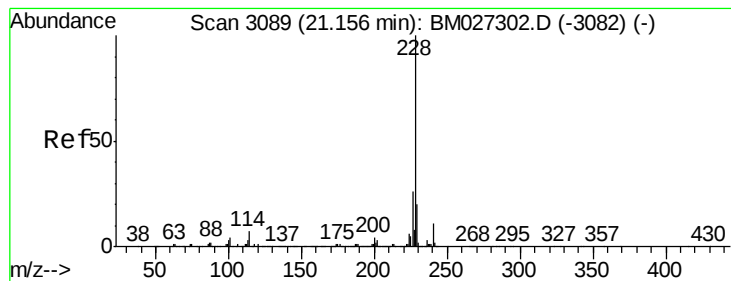


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.587 ng

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1772541

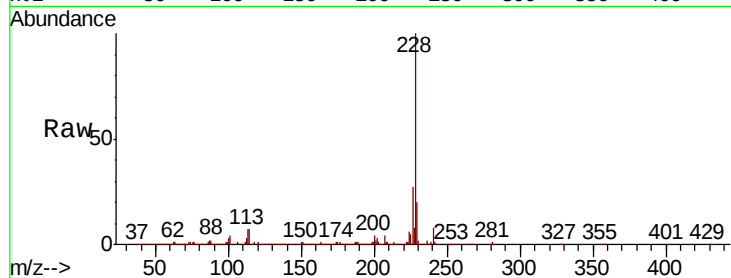
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	19.9	15.7	23.5

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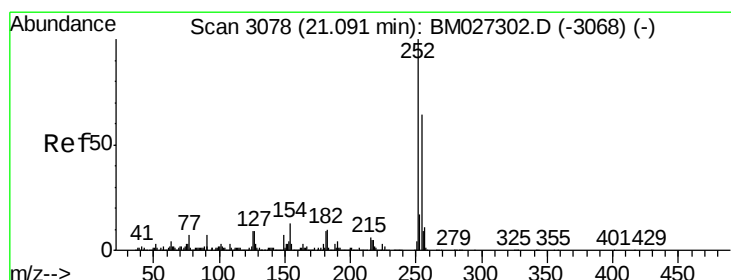
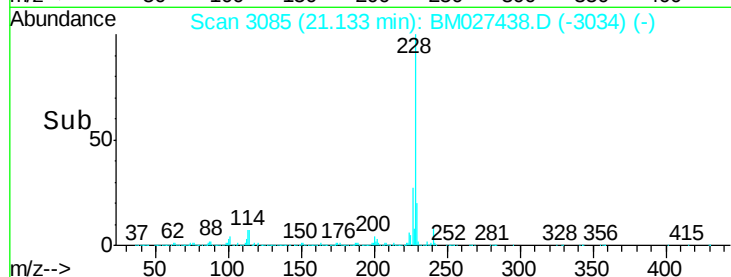
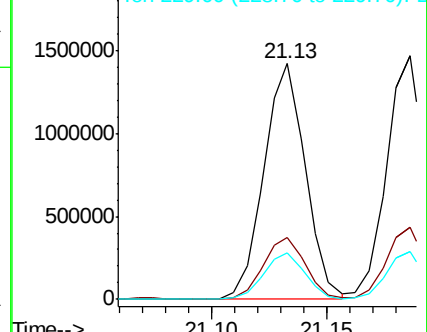


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.577 ng

RT: 21.07 min Scan# 3074

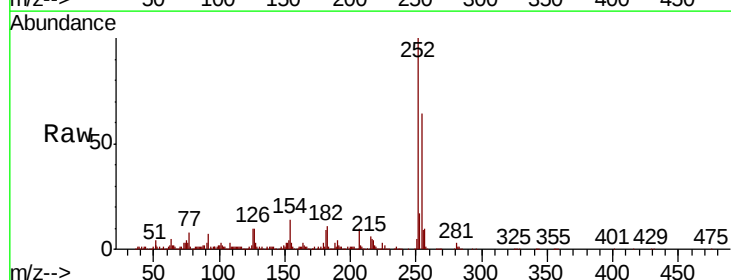
Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Tgt Ion:252 Resp: 660543

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	10.0	6.8	10.2

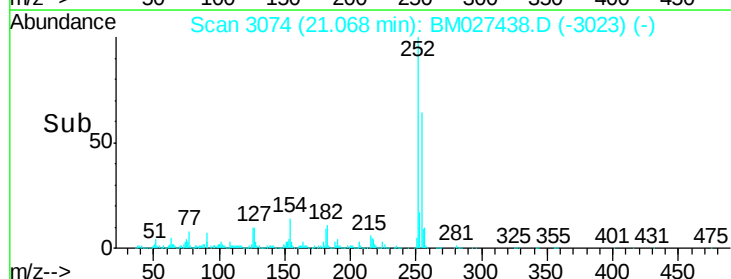
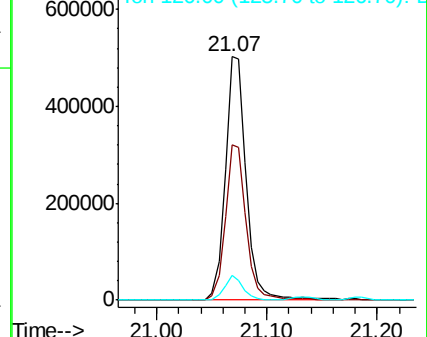


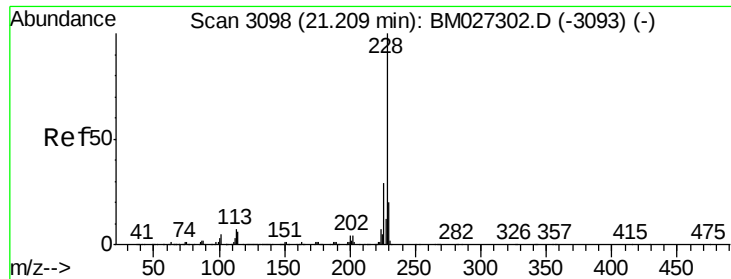
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





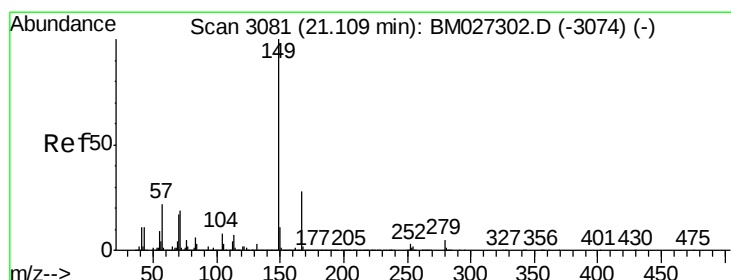
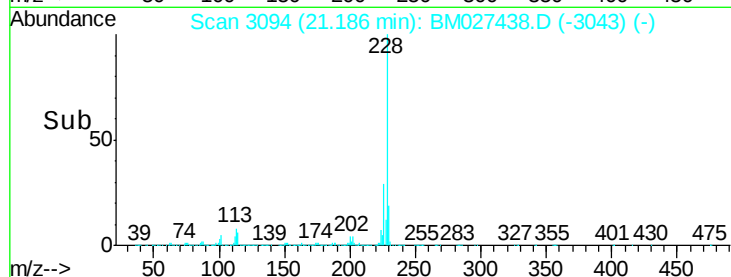
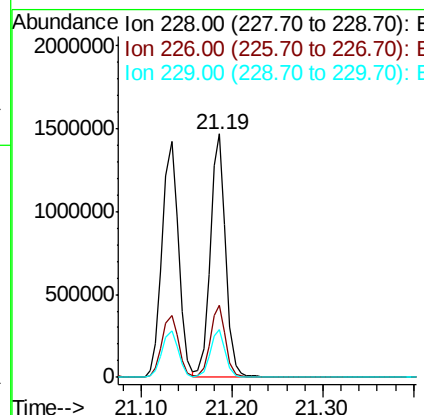
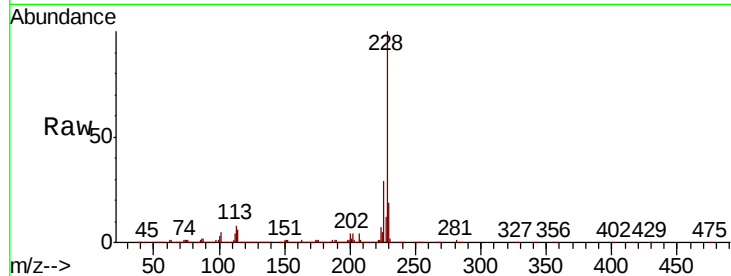
#83
Chrysene
Concen: 41.180 ng
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	19.4	15.7	23.5

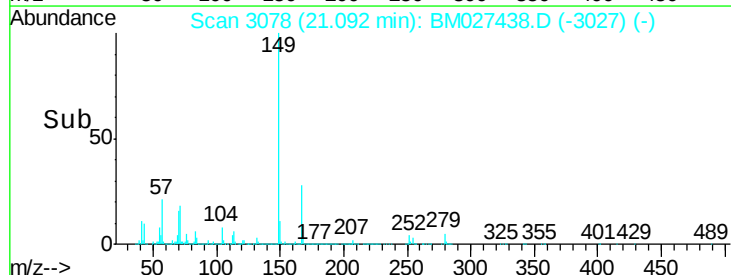
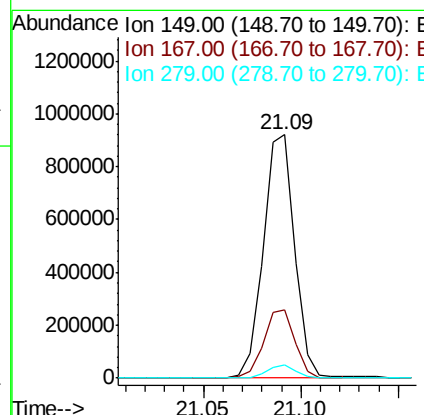
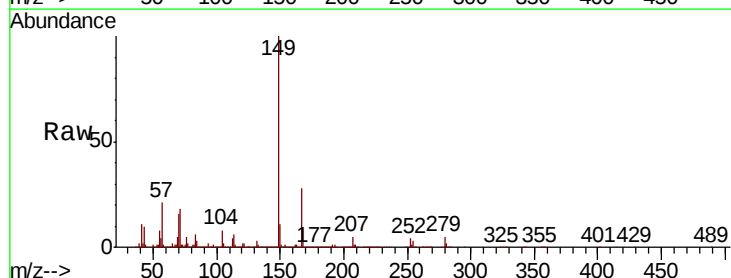
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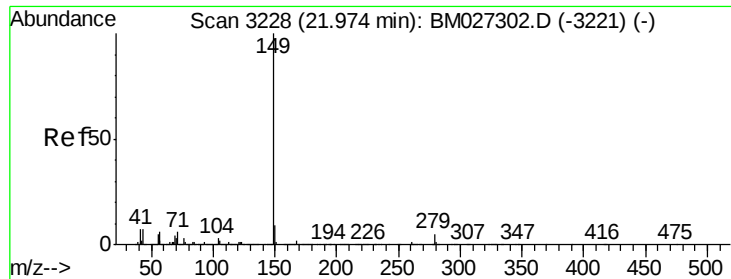
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.000 ng
RT: 21.09 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.7	34.1
279	5.4	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 42.309 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1706429

Ion Ratio Lower Upper

149 100

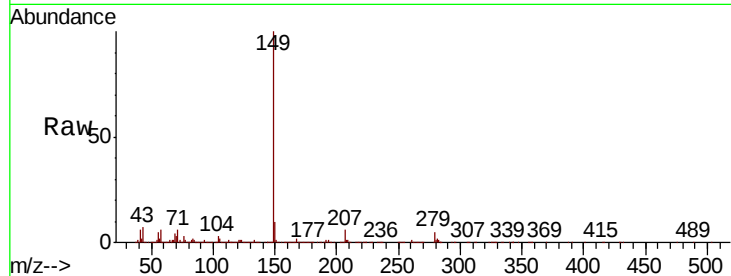
167 1.6 1.3 1.9

43 7.3 5.8 8.6

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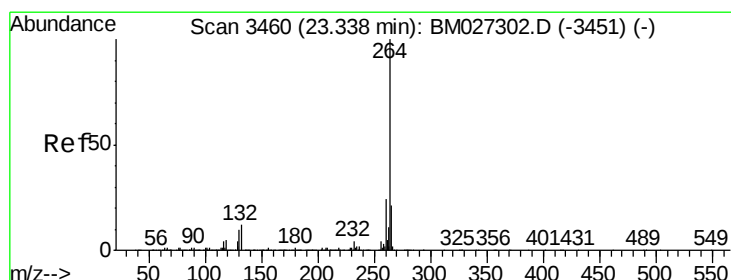
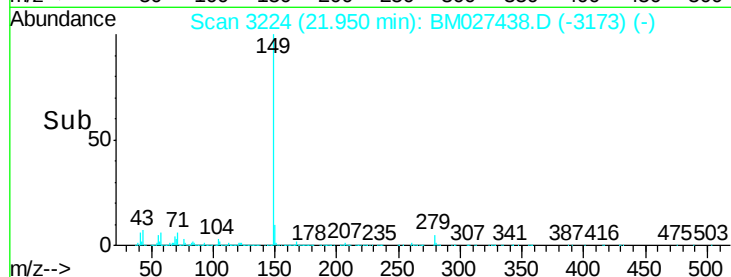
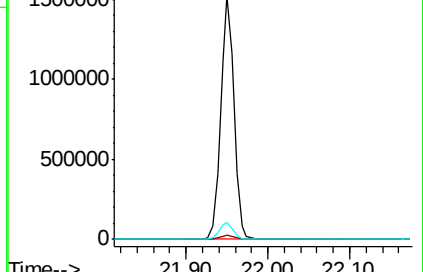
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BM027438.D

Acq: 16 Sep 2020 12:20

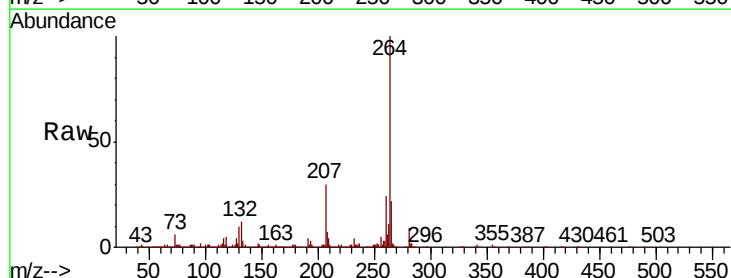
Tgt Ion:264 Resp: 676906

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

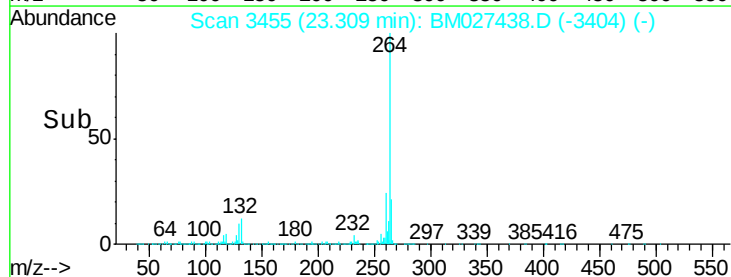
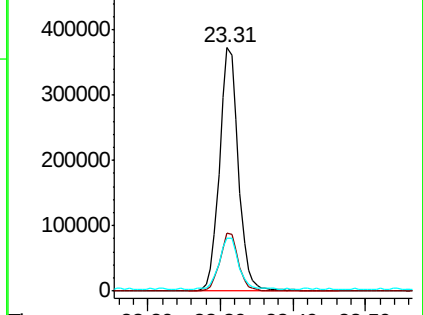
265 21.8 17.7 26.5

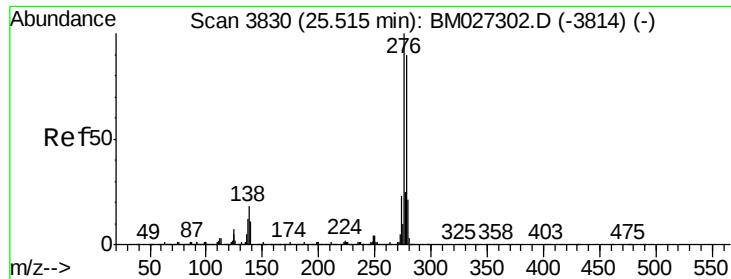


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





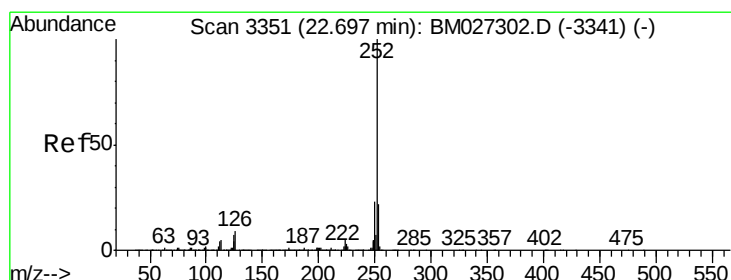
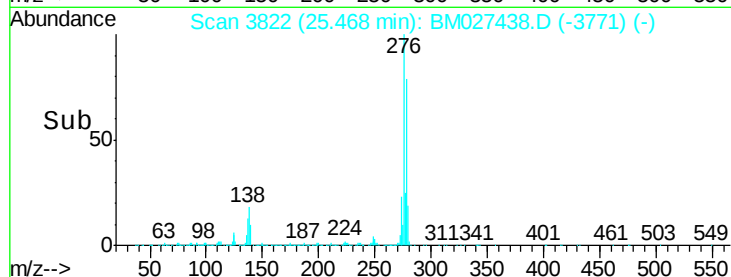
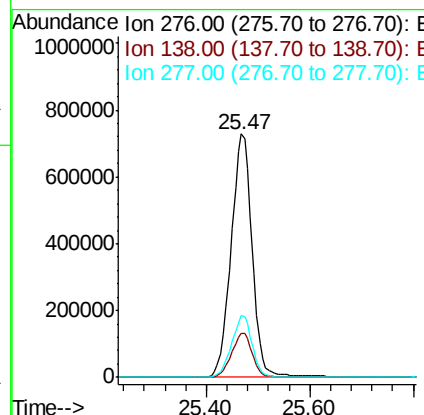
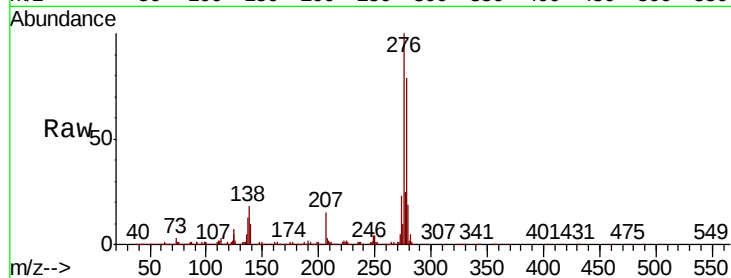
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.054 ng
 RT: 25.47 min Scan# 3822
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.2	21.4
277	24.8	19.8	29.8

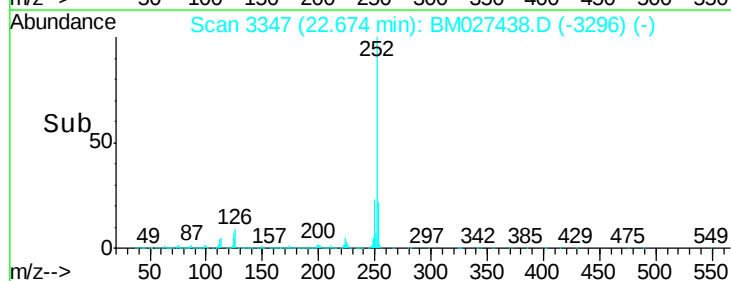
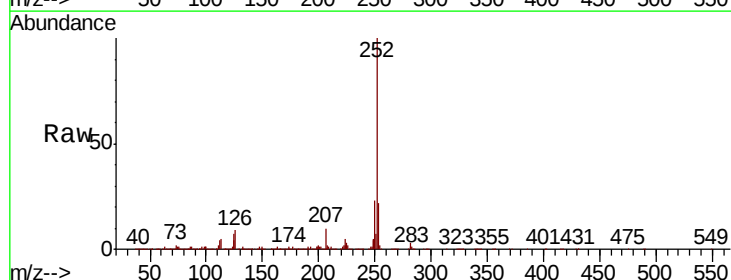
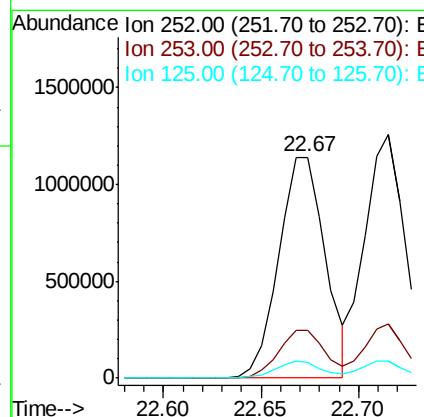
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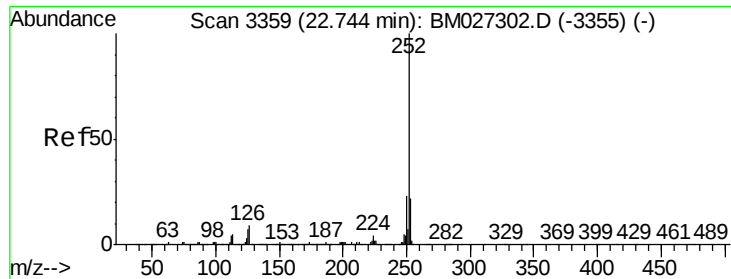
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 40.016 ng
 RT: 22.67 min Scan# 3347
 Delta R.T. 0.00 min
 Lab File: BM027438.D
 Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	7.4	5.7	8.5





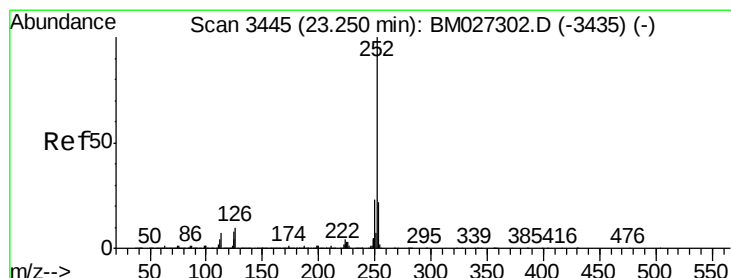
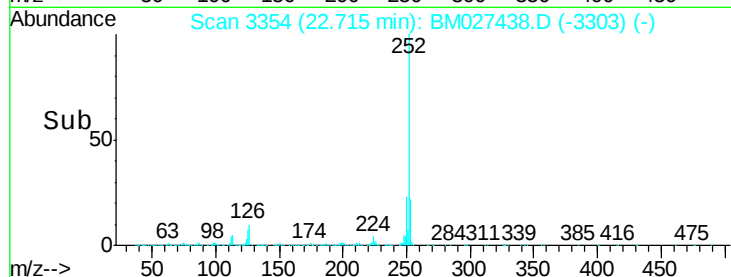
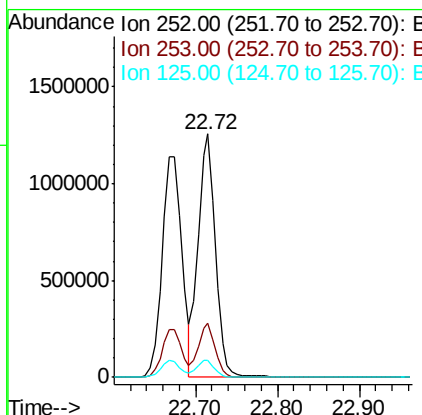
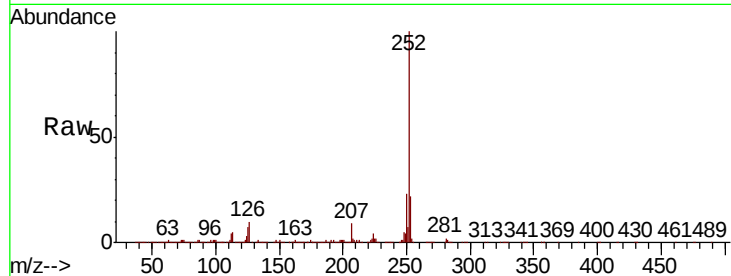
#89
Benzo(k)fluoranthene
Concen: 40.531 ng
RT: 22.72 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	6.9	5.6	8.4

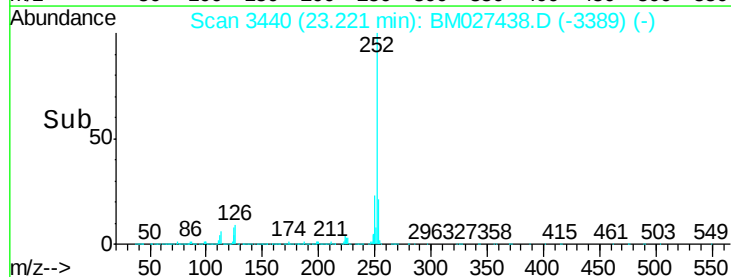
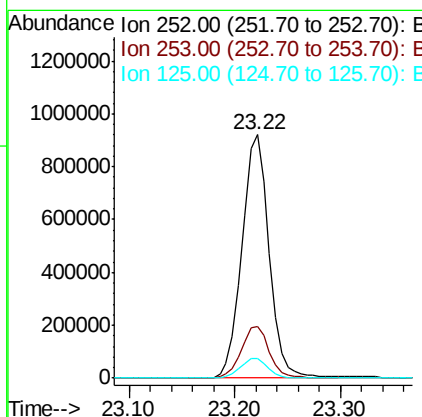
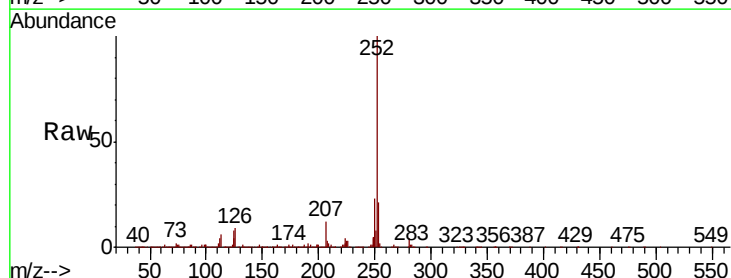
Manual Integrations
APPROVED

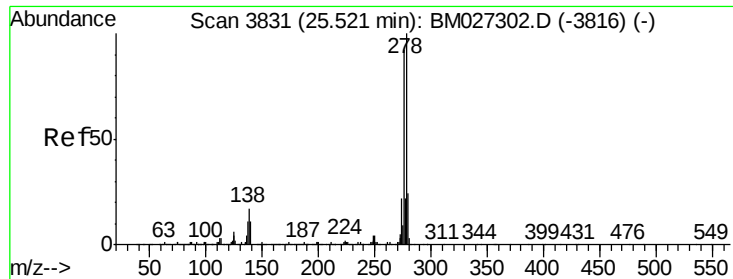
mohammad
9/18/2020 11:29:07 AM



#90
Benzo(a)pyrene
Concen: 41.129 ng
RT: 23.22 min Scan# 3440
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	8.0	6.6	9.8





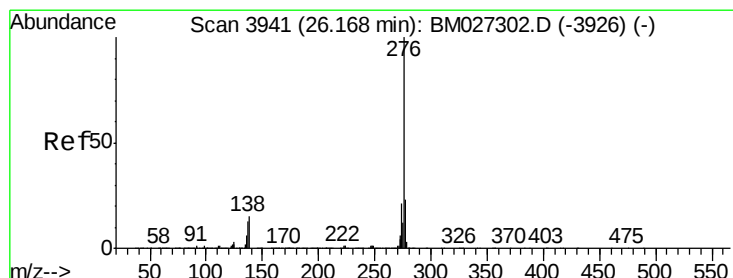
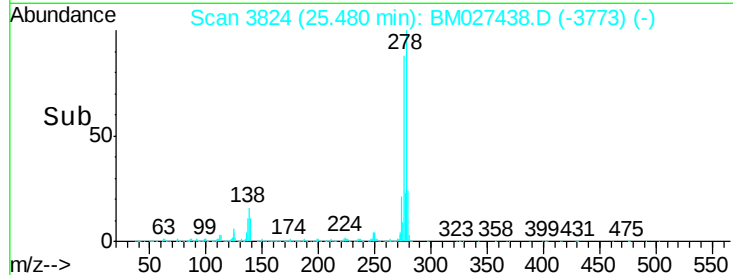
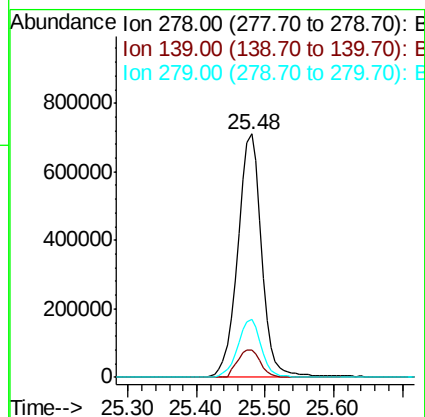
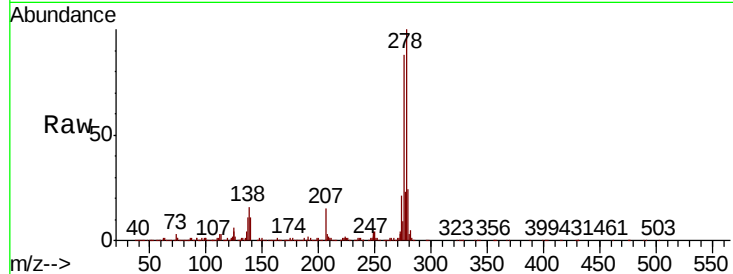
#91
Dibenzo(a,h)anthracene
Concen: 44.216 ng
RT: 25.48 min Scan# 3824
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.0	13.6
279	23.8	19.0	28.4

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 46.358 ng
RT: 26.12 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BM027438.D
Acq: 16 Sep 2020 12:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	15.8	12.2	18.2

